Former Nessen Lamps Site

3200 Jerome Avenue

BRONX, NEW YORK

Periodic Review Report

NYSDEC Brownfield Cleanup Program Site Number: C203061

AKRF Project Number: 11455

Prepared for:

Rinzler Family Limited Partnership
200 Madison Avenue, 24th Floor
New York, New York 10016

Prepared by:

akrf
440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

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P.E. CERTIFICATION

I, Michelle Lapin, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the approved Site Management Plan protocols, and I certify that the documentation of site management activities is accurately presented in this Periodic Review Report for the Former Nessen Lamps Site (Site) located at 3200 Jerome Avenue in the Bronx, New York (BCP Site No. C203061).

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

a) The institutional control and engineering controls employed at this Site are unchanged from the date the control was put in place, or last approved by the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER), with the exceptions cited in this Periodic Review Report;
b) Nothing has occurred that would impair the ability of such controls to protect public health and the environment;
c) Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan requirement for this control; and
d) Access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.



4/19/2024

NYS P.E. License #073934-1 Date

EXECUTIVE SUMMARY

This Periodic Review Report (PRR) was prepared on behalf of the Rinzler Family Limited Partnership (the "Volunteer") as an element of the remedial program at the Former Nessen Lamps Site located at 3200 Jerome Avenue, Bronx, New York (Tax Block 3323, Lot 36) (hereinafter referred to as the "Site") under the New York State Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site, owned by the Volunteer, was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index #C203061-02-12, Site #C203061, which was executed on March 8, 2012.

As reported to NYSDEC and New York State Department of Health (NYSDOH), a Remedial Investigation (RI) completed at the Site between March 2012 and January 2013 confirmed that soil, groundwater, and soil vapor were contaminated with trichloroethene (TCE), and to a lesser extent, petroleum products. Source areas were identified in the central portion of the Site. Remedial activities included soil removal, in-situ treatment of contaminated groundwater, construction of a site cover system, and installation of an active sub-slab depressurization and soil vapor extraction system (SSD/SVES) completed between September 2013 and October 2014. The SSD/SVES have operated continuously at the Site since November 2014. AKRF's NYSDEC-approved Final Engineering Report (FER) and Site Management Plan (SMP) resulted in the issuance of a Certificate of Completion (COC) to the Volunteer on December 23, 2014.

The purpose of this PRR is to document and certify that the Site's Engineering and Institutional Controls have been implemented in accordance with the SMP and all relevant BCP requirements during this reporting period. Semi-annual inspections and sampling occurred in August 2024 and February 2025 and were coordinated with the schedule of building operations of the current tenant of the Site.

In summary, the Site's remedy remains effective and protective of human health and the environment with continued adherence to the SMP. Periodic inspections, including SSD/SVES operations and maintenance, semi-annual groundwater sampling, and annual site-wide and composite cover inspections were performed to document Site conditions. As reported and certified herein, the Volunteer was fully compliant with the SMP and approved modifications for the ninth reporting period (under Site Management) from March 23, 2024 through March 23, 2025. The status of each of the remaining remedial program elements is summarized below.

Site Cover System

The permanent Site cover system was maintained in good condition to prevent contact with underlying soil and groundwater. The cover system and use of the on-site building have remained unchanged during the 2024-2025 reporting period.

SSD/SVES Operation and Monitoring

The SSD/SVES remained on a continuous operating schedule at the same output frequency established at the end of the previous reporting period. System testing events during the reporting period confirmed that conservative design parameters continue to be met to maintain sufficient negative pressure beneath the entire first floor building slab. Data generated from system vapor sampling completed during this reporting period in combination with historic data indicate that TCE concentrations appear stable for vapor collected from the SSD/SVES. Vapor data (especially VOC mass removal rates, which continue to be low and appear asymptotic) in combination with stable and reducing groundwater data indicate that a plan to modify operation of the SVE component of the system will be considered in consultation with NYSDEC.

The active SSD/SVES will continue to operate (24 hours a day, 7 days a week) at the Site until discontinued operation of the SVES component of the system is approved by NYSDEC. In the event that vapor sampling results or monitoring activities indicate a significant increase in VOC concentrations of vapor, a contingency plan to apply carbon treatment remains in place at the Site and could be re-connected to the

SSD/SVE system, if results indicate that this is necessary. A proposed SSD/SVES EC Modification Workplan will be submitted to NYSDEC and NYSDOH to outline and propose steps to modify operations of the SVES component of the system.

Groundwater Treatment and Monitoring

Groundwater elevations during this reporting period were observed to vary between the first semi-annual gauging event in August 2024 and the second semi-annual gauging event in February 2025. Groundwater elevations measured in August 2024 were higher than historical measurements but the groundwater elevations measured in February 2025 were lower when compared to historical measurements during the prior reporting periods. Groundwater elevation trends in comparison to the two prior years indicate a downward trend at the Site. This period's groundwater sampling results for TCE and its breakdown products indicate that degradation is continuing to occur within and adjacent to the localized source area in the central portion of the Site. Groundwater sampling results for TCE in both the source well MW-3 and the sentinel monitor wells MW-1E and MW-2E continue to indicate a stable and decreasing trend.

1.0 INTRODUCTION

This Periodic Review Report (PRR) was prepared for the Former Nessen Lamps site located in the Bronx, New York (the "Site"). The Site is located at 3200 Jerome Avenue in the Bedford Park neighborhood of the Bronx, County of Bronx, New York and was successfully remediated in accordance with Brownfield Cleanup Agreement (BCA) Index #C203061-02-12, Site #C203061, executed on March 8, 2012. The Site comprises an approximately 0.264-acre (11,500-square foot) lot known as Block 3323, Lot 36, consisting of a triangular-shaped property fully occupied by an approximately 18,200-square foot, 2-story building. The Site is currently zoned C8-2 (commercial district). A Site location map is provided as Figure 1, and the Site layout and surrounding properties are shown on Figure 2.

Activities reported herein have been performed on behalf of the Rinzler Family Limited Partnership (the "Volunteer") who holds ownership of the Site. Prior to the onset of investigation and remediation activities, the Site was occupied by PS 51X (The Bronx New School), an elementary school serving Kindergarten through 5th grade. The Site building was leased by the New York City School Construction Authority (NYCSCA) for the school from 1993 to 2011.

Remedial investigations (Ris) performed from March 2012 to January 2013 determined that soil, soil vapor, groundwater, and indoor air in portions of the Site were contaminated with trichloroethene (TCE), TCE breakdown products, and petroleum-related volatile organic compounds (VOCs). A source area was identified in the central portion of the Site within an approximately 1,500-square foot area from approximately 6 to 9 feet below the first floor. Remedial activities, including shallow soil removal and installation of a sub-slab depressurization and soil vapor extraction system (SSD/SVES) to treat soil, soil vapor, groundwater, and indoor air contamination, were performed in 2013 and 2014.

A Final Engineering Report (FER) detailing Site remedial activities was submitted to and approved by NYSDEC, which resulted in the issuance of a certificate of completion (COC). Ongoing Site management activities are being performed in accordance with the NYSDEC-approved Site Management Plan (SMP). At NYSDEC's request, supplemental groundwater treatment events targeting the immediate vicinity of monitor well MW-3 were performed in June 2016 and February 2022 to continue to address residual chlorinated VOC-contaminated groundwater beneath the Site. The SMP provides detailed descriptions of all procedures required to manage known and potential residual contamination. The current tenant, Quality Services for the Autism Community (QSAC), has continued to use the Site as a private school facility for the entirety of this reporting period. As previously discussed, and documented with NYSDEC, provisions of the lease have been agreed to between the Volunteer and QSAC to ensure that all requirements of the SMP continue to be met.

Required activities conducted at the Site under the approved SMP during the March 23, 2024 to March 23, 2025 reporting period included:

- Two semi-annual groundwater gauging events in August 2024 and February 2025 from groundwater monitoring wells NL-MW-3, NL-MW-1E, and NL-MW-2E;
- One semi-annual groundwater sampling event in August 2024 from source monitoring well NL-MW-3 for VOCs;
- One annual groundwater sampling event in February 2025 from source monitoring well NL-MW-3, and sentinel wells NL-MW-1E, and NL-MW-2E for VOCs;
- Two semi-annual inspections in August 2024 and February 2025, including the operation and maintenance of the SSD/SVES;
- Characterization and off-site disposal of one 55-gallon drum containing purged groundwater from monitoring well sampling activities;

- One round of annual system vapor sampling in February 2025 from NL-SVE-1, NL-IV-7, NL-IV-Total, and NL-EV-Post; and
- Inspection and confirmation of the integrity of the site cover system in February 2025.

The purpose of this PRR is to document and certify that the Site's Engineering and Institutional Controls have been implemented in accordance with the SMP and all relevant BCP requirements during this reporting period.

2.0 SITE MANAGEMENT REQUIREMENTS

2.1 Introduction

For additional details related to the nature and extent of contamination and the remedial cleanup, please refer to the appropriate sections of the FER and/or SMP. The site management requirements set forth under the latest approved SMP for evaluating the performance and effectiveness of the remedy are summarized in Table T1 (referenced from the approved SMP) with an indication of the activities completed this reporting period. The Groundwater and Engineering Control Report submitted to NYSDEC during this reporting period are included as Appendix A.

Table T1
Monitoring/Inspection Requirement Summary

Monitoring Program	Frequency*	Location	Matrix	Analysis	Completed this Period?
Site Cover System	Annually	First floor and basement	Cover System Integrity	Visual Inspection of Conditions	Yes
Groundwater Gauging	Semi-Annually	MW-1E MW-2E MW-3	Groundwater	Water Level (Position Head)	Yes
Groundwater Monitoring and Sampling	Semi-Annually	MW-3	Groundwater	VOCs	Yes
	Annually	MW-1E MW-2E MW-3	Groundwater	VOCs	Yes
SSD/SVES Operations Inspections	Semi-Annually	First floor and basement	SSD/SVES Mechanics and System Vapor	Visual Inspection, Field Measurements and Screening for Pressure and VOCs	Yes
Confirmatory System Sampling	Annually	NL-IV-7 NL-SVE-1 NL-IV-Total NL-EV-Post	Extracted System Soil Vapor	VOCs	Yes
Contingency Indoor Air Sampling**	System Failure for > 48 Hours	5 Locations on First Floor; 1 Ambient	Indoor Air	VOCs	No
SSD/SVES System Status	Continuous with Remote Telemetry and Email/Text Notification	Basement equipment room and antenna to Second Floor	SSDS Status (on/off) and other Alarm Conditions	Alarm Limits for: Vacuum, Temp., and Condensate	Yes

Table T1 Notes:
*The frequency and details of events was updated per SMP Modification #5, approved by NYSDEC on September 15, 2022.
**Not required during this reporting period; SSD/SVES failure or extended shutdowns did not occur, and contingency indoor air sampling was not required during this reporting period.
VOCs – Volatile Organic Compounds

2.2 Cover System Requirements

Exposure to residual contaminated soil remaining at the Site is prevented by an engineered site cover system. The engineered site cover system is made up of the pre-existing concrete floor slab

and the concrete floor slab overlying the soil removal area and the installation areas for the SSDS and SVE components and trenching for injection wells. The location and details of the site cover system as maintained over the course of this reporting period are shown on Figure 3. The site cover system continues to remain intact 24 hours a day, 7 days a week, for all days of the year and all days pertaining to this reporting period. Disturbance of the site cover system or EC components is prohibited by the Environmental Easement. In the unlikely event of an unanticipated accidental or required disturbance of the site cover system, the response procedure is outlined in Section 2.5.3.1 of the SMP.

Monitoring of the site cover system has occurred during each detailed inspection and sampling event, and during a final inspection performed immediately prior to the end of this reporting period. The site cover system will continue to be maintained as long as the Environmental Easement is in effect to ensure the protection of human health at the Site. Results of the site cover system inspection are summarized in Section 3.0 of this PRR.

2.3 Monitoring Requirements

2.3.1 Groundwater Monitoring Requirements

Groundwater monitoring was required to be performed on a quarterly basis from all existing groundwater monitoring wells for two years after issuance of the COC (through December 2016) to assess the performance of the remedy. Following NYSDEC-approval of the June 14, 2022 SMP Modification Request Letter #5 on September 15, 2022, AKRF implemented the following changes to the Operations & Maintenance groundwater monitoring requirements performed during this reporting period in accordance with the NYSDEC-approved SMP and outlined in Table T1:

- Removal of geochemical parameters analyses during the semi-annual sampling for monitoring well MW-3.
- Reduction in frequency of the groundwater gauging program from quarterly gauging of all existing monitoring wells to semi-annual gauging of monitoring wells MW-3, MW-1E, and MW-2E.
- Reduction of SSD/SVES operations inspections from quarterly to semi-annually.
- Reduction of confirmatory system vapor sampling locations NL-SVE-1, NL-IV-7, NL-IV-Total, and NL-EV-Post from semi-annually to annually.
- Removal of system vapor sampling from six of the SSDS legs (SSDS-1 through SSDS-6).
- Continuation of annual groundwater sampling of monitoring wells MW-1E and MW-2E.

The network of groundwater monitoring wells installed to monitor both upgradient and downgradient overburden groundwater conditions remains in place at the Site. The network of on-site wells includes wells within the Site building and off-site wells located within the sidewalk along Jerome Avenue.

The locations of the five overburden groundwater monitoring wells (MW-2, MW-3, MW-4, MW-1E, and MW-2E) and two bedrock groundwater monitoring wells (MW-3E-D and MW-5D) are shown on Figure 3. Groundwater elevations from this reporting period are displayed on Figures 4A and 4B. Details of the semi-annual monitoring and sampling results are summarized in Section 3 of this PRR and shown on Figure 6. Groundwater sampling logs completed during this reporting period are included as Appendix B.

2.3.2 SSD/SVES Operations Inspections and Sampling Requirements

The confirmation of SSD/SVES operations is required by inspections of all associated equipment and monitoring devices by appropriately trained and certified personnel.

As reported to NYSDEC and NYSDOH, SSD/SVES operation checks have been performed by AKRF on at least a quarterly basis since system startup and issuance of the COC, and at least a semi-annual basis since the approval of SMP Modifications Request Letter #5 dated June 14, 2022. The inspections consist of individual SSDS pit, SSDS slotted pipe, and SVE well gauge readings, blower inspections, alarm checks, and field screening the vapor sampled from each of the SSD/SVES extraction points (pits, slotted pipe, and SVE well) and sampling ports before and after the system's blower for total VOC concentrations using a photoionization detector (PID). The four sub-slab pressure monitoring points (MP-1 through MP-4) installed at the Site are also checked during each of these detailed inspections to ensure that key indicator locations remain under sufficient vacuum. Locations of the SSD/SVES components, including each of the four monitoring points, are shown on Figure 3. Additional details pertaining to the SSD/SVES are included in the as-built drawings and operations manual in the SMP.

Samples of the SSD/SVES vapor were collected during this period for laboratory analysis to continue to assess the VOC concentrations in extracted soil vapor from the entire Site. The vapor mitigation system monitoring requirements were performed in accordance with the NYSDEC-approved SMP and outlined in Table T1 during this reporting period.

Sampling of extracted soil vapor from the individual SSDS and SVE piping lines, and the pre-blower and post-blower (stack) ports, were sampled in accordance with established protocols outlined in the approved SMP. Results are summarized in Section 3 of this PRR and have been reported in previous quarterly submissions to NYSDEC. Semi-annual SSD/SVES inspection logs and operating documentation is included in Appendix C.

2.3.3 Indoor Air Sampling Requirements

In accordance with the SMP, indoor air sampling is required at the Site in the event of SSDS failure or shut down for a period of greater than 48 hours, or to confirm the discontinuation of SSDS operation.

The SSD/SVES did not fail for a period greater than 48 hours during this reporting period; therefore, indoor air sampling was not performed.

2.3.4 Site Wide Inspections Requirements

Site-wide inspections are required to be performed on a regular schedule at a minimum of once a year. Site-wide inspections are also performed after severe weather conditions that may affect Engineering Controls or monitoring devices. No additional inspections were performed due to severe weather during the 2024-2025 reporting period. During these inspections, a Site Wide Inspection form was completed, as reported in Section 3.0 of this PRR, and attached in Appendix D.

2.4 Monitoring Reporting Requirements

The site management reporting requirements for evaluating the performance and effectiveness of the remedy at the Site, the site cover system, and all affected Site media are summarized in Table T2 (referenced from the updated SMP) with an indication of what was completed during this reporting period.

Table T2

Monitoring/Inspection Report Summary

Reporting Task	Reporting Frequency	Completed this Period?
Letter Report with Figures and Attachments (Detailed Checks and Associated Sampling Events)	Semi-Annually	**Yes**
Periodic Review Report	Annually beginning 18 months after issuance of COC until termination of Environmental Easement	**Yes**

3.0 SITE MANAGEMENT MONITORING AND INSPECTION RESULTS

The site management monitoring inspections completed during this reporting period are summarized in the following sections.

3.1 Groundwater Monitoring and Sampling Results

Groundwater samples were collected from source monitoring well MW-3 on a semi-annual basis during the reporting period, as specified in the updated SMP. Groundwater samples were collected from groundwater monitoring wells MW-1E and MW-2E annually. Groundwater samples were analyzed for volatile organic compounds from all three monitoring wells during this event.

Groundwater elevation contour maps prepared for each of the two groundwater gauging events (Figures 4A and 4B) also depict the existing monitoring well locations. Groundwater samples were not collected from MW-2, MW-4, MW-3E-D, and MW-5-D during this reporting period based on prior approval from NYSDEC to remove them from the sampling program.

Groundwater sampling performed during this reporting period was completed in accordance with the sampling protocols defined in the updated SMP to assess chlorinated VOC concentrations, as documented to NYSDEC in the sampling reports. Groundwater analytical laboratory data, data usability summary reports (DUSRs), and all associated backup documentation for the entirety of this reporting period are included in Appendix B. The seven monitoring wells remain in good condition and are secure at the Site to allow for future monitoring and sampling events to continue, in consultation with NYSDEC and NYSDOH.

3.1.1 Groundwater Elevations and Flow

In accordance with SMP Modifications Request Letter #5, monitoring wells MW-3, MW-1E, and MW-2E were gauged in August 2024 and February 2025 prior to sampling. The corresponding groundwater elevations calculated during these sampling events and previous events dating back to April 2022 are listed in appended Table 1 and groundwater elevations dating back to March 2014 are displayed on Graph 1.

As shown on Graph 1 and observed in the trends analysis of MW-3 in Appendix E, groundwater elevation measurements collected in February 2025 were observed to be lower compared to historical measurements. Groundwater elevations measured during this reporting period were observed to vary between the first semi-annual gauging event in August 2024 and the second semi-annual gauging event in February 2025. Groundwater elevations measured in August 2024 were higher than historical measurements but the groundwater elevations measured in February 2025 were lower when compared to historical measurements during the prior reporting periods. Groundwater elevation has trended downward since 2023.

The inferred west-southwesterly groundwater flow direction, based upon groundwater measurements, has remained consistent within the overburden aquifer beneath the Site building, as identified during previous monitoring events and shown on Figures 4A and 4B. A table compiling the groundwater quality parameters collected during these events is included as appended Table 2. Groundwater sampling logs associated with each of the events are included in Appendix B.

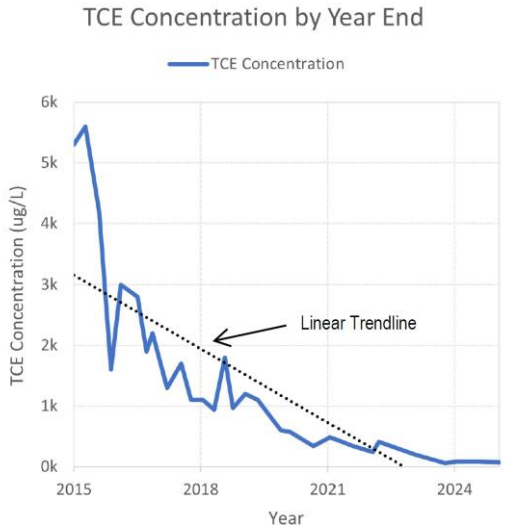
3.1.2 Groundwater Analytical Results

3.1.2.1. Contaminants of Concern

Groundwater analytical results generated during the semi-annual sampling events for VOCs are included as Table 3, with a summary of geochemical process parameters included as Table 4. The trends observed over the past year of semi-annual groundwater

sampling events indicate continued decline of the localized TCE concentration in groundwater beneath the central portion of the Site. Monitoring will continue under the SMP to continue to evaluate the trends shown on Chart C1 and in Appendix E.

CHART C1
TCE Concentration in Groundwater Monitoring Well MW-3



The highest TCE concentration remained localized and stable in the vicinity of monitoring well MW-3. Minor decreases in the two sentinel overburden monitor wells MW-1E and MW-2E were observed from the latest results. As depicted in Chart C1, TCE concentrations in MW-3 from January 2015 through February 2025 (31 rounds of sampling) are representative of a Normal data distribution and display a decreasing trend due to historic soil source removal, in-situ treatments, and continuous SVE operations at the Site. During the 2024-2025 reporting period, TCE and total VOC concentrations were supportive of an overall downward trend. As displayed in Appendix E, groundwater elevations were recorded (from the two semi-annual measurements) and the latest semi-annual measurement in February 2025 was slightly lower than historical groundwater elevations. The groundwater elevations measured between the two gauging events illustrated a decrease in groundwater elevations during the second semi-annual event in February 2025 in comparison to the first semi-annual event in August 2024. Additional groundwater quality trends using analytical data from this reporting period and encompassing Site Management are included in Appendix E.

3.2 SSD/SVES Operation, Inspection and Sampling Results

3.2.1 Operating Results

The SSD/SVES remained in operation during the PRR reporting period (March 23, 2024 to March 23, 2025). The SSD/SVES has continued to maintain sufficient negative pressure beneath the entire first floor of the building slab. The system has continued to operate during this period at a variable frequency drive (VFD) setting of 35 Hz to maintain negative pressure across the entire building slab and optimize energy consumption. The absence of alarms during the reporting period indicates continuous operations outside of routine maintenance. Additionally, weekly automated reports are reviewed, which document the

consistent blower frequency operation of the VFD at 35 Hz throughout the reporting period. The SSD/SVES Maintenance Log for this reporting period is provided in Appendix C.

3.2.2 Inspection Results

Detailed inspection events included all operations-based maintenance items, such as the integrity of SSDS pits, piping runs, and/or other system components. Detailed inspection events occurred on a semi-annual basis during operation of the SSD/SVES on the following dates: August 27, 2024 and February 18, 2025. Typical detailed maintenance items addressed during detailed inspections included assessment of the following: blower performance and integrity; inlet particulate filter on the blower to determine the need for replacement; the need to transfer moisture/condensate to the on-site collection drum and associated off-site disposal of moisture/condensate collection drum; the operating condition of vacuum monitoring points MP-1 though MP-4; and the structural integrity of concrete floor slabs overlying constructed SSDS pits and piping runs throughout the basement and first floor of the Site building. Table T3 depicts individual vacuum readings collected at each of the four vacuum monitoring points during this reporting period.

Table T3
Monitoring Point (MP) Pressure Readings Summary

Monitoring Point	08-27-2024	02-20-2025
	In. H_2O	In. H_2O
MP-1	-1.185	-1.113
MP-2	-0.172	-0.150
MP-3	-0.028	-0.020
MP-4	-0.018	-0.007

Table T3 Note: Pressure measurements are shown in inches of H_2O in relation to the first-floor slab.

These readings confirmed sufficient vacuum was being maintained beneath the entire first floor building slab. The design and operating goal established in the SMP for minimum vacuum was 0.005 inches of H_2O. Observations at the Site confirmed that conditions have been maintained at least three times beyond the typical requirement. The MP-1 vacuum reading was retaken at the end of the inspection but remained high. The first semi-annual detailed inspection was also documented in the monitoring and engineering control inspection report submission to NYSDEC and NYSDOH and are provided for reference in Appendix A. All SSD/SVES inspection logs are included in Appendix C.

3.2.3 Vapor Sampling Results and Analysis

The SSD/SVES was inspected and tested regularly this period in accordance with the SMP and has been regularly inspected and tested since the system began operation on November 5, 2014. Based on the latest monitoring plan set forth in the SMP, one round of confirmatory vapor sampling was conducted during this reporting period. Annual system vapor sampling was performed in February 2025 where system vapor samples were collected from four critical system collection points including: SSDS Pit P-7 (NL-IV-7), the SVE well (NL-SVE-1), the combined pre-blower port (for all SSDS collection pits and the SVE well, NL-IV-Total), and the post-blower port before the vertical stack (NL-EV-Post). Vapor samples collected in laboratory-supplied Tedlar® bags were submitted for laboratory analysis for VOCs by EPA Method TO-15 in accordance with the SMP. Vapors were also collected in Tedlar® bags and field-screened with a PID to detect VOCs. System

vapor sampling laboratory results and the associated DUSR are included in Appendix C. Results for the testing event in this reporting period are summarized in Table 4.

Results were compared to the following guidelines:

- The effluent thresholds in the NYSDEC Division of Air Resources (DAR) publication Air Guide-1: Short-term Guideline Concentrations (SGC) Tables dated October 18, 2010.
- The effluent thresholds in the NYSDEC Division of Air Resources (DAR) publication Air Guide-1: Annual-average-based Guideline Concentrations (AGC) Tables dated October 18, 2010.

Using the DAR-1 effluent vapor model, the post-blower (stack) vapor results from the February 2025 annual sampling round of SSD/SVES vapor sampling completed under Site Management showed no compounds exceeding the NYSDEC SGCs or AGCs at the closest sensitive receptors to the Site. The analysis was performed using the NYSDEC DAR-1 Air Guide-1 Policy (Policy DAR-1: Guidelines for the Control of Toxic Ambient Air Contaminants, November 12, 1997), which simulates the atmospheric processes that disperse pollutants from an emissions source to predict concentrations at selected downwind receptor locations. The procedures in the DAR-1 policy are used to calculate conservative, worst-case annual and short-term concentrations based on the laboratory analytical results and exhaust stack parameters to compare against the SGCs and AGCs. The post-blower sample from the SSD/SVES was used to assess potential impacts on the closest sensitive receptors during conditions without the use of GAC treatment units, while accounting for atmospheric dispersion. A post-blower vapor DAR-1 evaluation table was generated and analyzed based on Site-specific measurements collected during the annual system vapor sampling event. Based on the system vapor data generated from sampling completed during the reporting period, TCE concentrations appear stable or slightly decreasing for vapor collected from the SSD/SVES. The average concentrations of TCE in vapor extracted from the SVE well were lower this period than previous periods during Site Management, indicating a downward trend in TCE concentrations collected from the SVE well.

The reported TCE concentrations from SVE-1 were higher during the annual system vapor sampling event in February 2025 compared to the previous system vapor sampling event in February 2024. A decrease in outdoor ambient temperature and slight increase in barometric pressure were noted during the February 2025 annual SSD/SVES sampling event in comparison to the August 2024 semi-annual SSD/SVES inspection event. Comparison of the conditions during the February 2025 sampling event with the prior event in August 2024 and previous gauging events in 2024 indicated the overburden groundwater elevation in the vicinity of the source area was approximately 1.5 feet lower. The system vapor sampling methods performed during the February 2025 system vapor sampling were consistent with the SMP, QAPP, and previous system vapor sampling events.

Atmospheric pressure during both testing events from this reporting period were consistent in comparison to prior years of testing. The active SSD/SVES continued to operate throughout the reporting period (24 hours a day, 7 days a week) under what appear to be stabilizing conditions. System vapor trends for TCE are included as Appendix F.

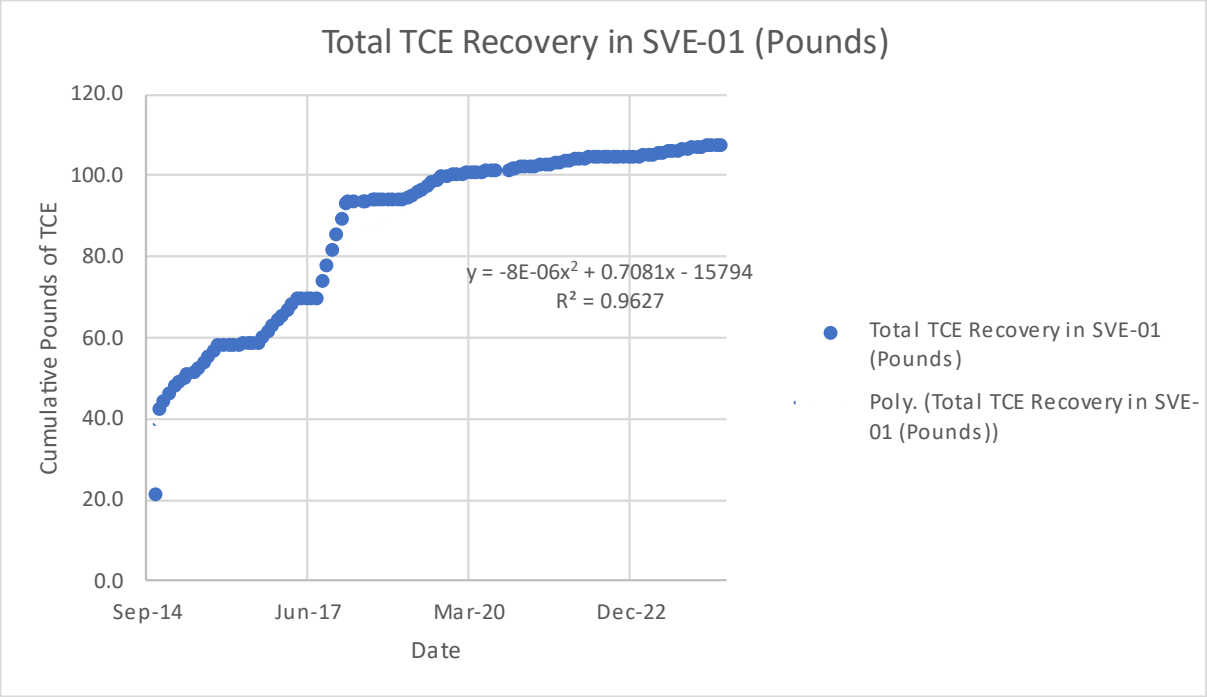
3.2.4 VOC Mass Removal

Based on removal calculations using laboratory results of the vapor sampling and flow calculations from the sampling event completed in February 2025, approximately 0.36

pounds of TCE are estimated to have been recovered by the SSD/SVES over the reporting period (beginning on March 23, 2024), with a total of approximately 111 pounds of TCE since operation of the SSD/SVES began in November 2014.

Contaminant mass removal calculations for TCE are provided in Table 6. A chart illustrating the cumulative removal totals of TCE in SVE-01 is included in Chart C2:

CHART C2
Cumulative TCE Mass Recovery in SVE-01 Over Time



3.3 Waste Management

3.3.1 Purged Groundwater

AKRF performed characterization sampling of investigation derived waste (IDW) consisting of purged groundwater collected in a 55-gallon drum that has remained on-site to support previous quarterly groundwater sampling events. On August 27, 2024, AKRF collected a water sample labeled "NL-PWD-01_20240827" to characterize the drum in accordance with the Quality Assurance Project Plan (QAPP).

Purged groundwater sample PWD-01 was collected in laboratory-supplied sampling containers and relinquished under proper chain-of-custody to Eurofins TestAmerica Laboratories of Edison, New Jersey, NYSDOH ELAP certified laboratory and analyzed for TCL VOCs by Method 8260.

Based on the detections of TCE and the documented source from historical operations, the 55-gallon drum of purged groundwater was managed as F-listed hazardous waste. Analytical laboratory results associated with purged groundwater drum sample are included in Appendix G.

On February 18, 2025, the 55-gallon drum was shipped under manifest by Brookside Environmental, Inc. of Copiague, NY, a licensed hauler, and properly disposed of as hazardous liquid waste at Veolia ES Technical Solutions, LLC located in Flanders, New Jersey under EPA Generator ID NYD001486752. Disposal documentation associated with the purged groundwater drum is included in Appendix G.

3.4 Health and Safety Monitoring

The Health and Safety Plan (HASP), a component of the SMP, includes requirements for personnel training, protocols for work zone air monitoring and community air monitoring, designated personal protection equipment, and decontamination procedures. The HASP also includes a Community Air Monitoring Program (CAMP), which establishes protocols for VOC and particulate air monitoring to be conducted at the Site perimeter upwind (for background), and downwind during all ground intrusive activities in compliance with the NYSDOH generic CAMP if work zone perimeter concentrations approach the applicable community action levels. The CAMP is included in the HASP and is provided as Appendix C of the Site Management Plan.

There was no soil disturbance or breaches of the site cover system during the reporting period.

During groundwater monitoring well purging and sampling, field personnel followed the HASP protocol using modified Level D personal protective equipment (PPE), including nitrile gloves and safety glasses. The HASP was followed by all personnel during the supplemental groundwater treatment event, and there were no incidents or observations to report.

3.5 Site Wide Inspection

AKRF inspected the site cover system on February 18, 2025, which consisted of observing the first floor and basement for holes, significant cracking, and/or signs of damage. All access to monitoring wells and pressure monitoring points was maintained and coordinated with the Volunteer and the existing tenant. During the inspection, the site cover was found to be intact, with no signs of significant cracking or damage. No corrective actions were recommended following the completion of this inspection.

No other notable site cover alterations were observed during the inspection on February 18, 2025, as documented on the Site Cover System Inspection Form provided in Appendix D. No soil disturbance or significant breeches to the cover system occurred at the Site during this certification period. A photographic log for the Site is included as Appendix H.

4.0 SITE MANAGEMENT SCHEDULE

4.1 Monitoring and Inspections

The site management requirements planned for future evaluation of the performance and effectiveness of the remedy at the Site are outlined in Table T4. These monitoring and inspection events will be completed in accordance with the updated SMP, which, if modified, will be submitted for review and approval by NYSDEC and NYSDOH under separate cover.

Table T4 Future Monitoring/Inspection Plan

Monitoring Program	Next Event	Frequency*	Location	Matrix	Measurement Or Analysis**
Site Cover System	Q4 2025-2026	Annually	First floor and basement	Cover System Integrity	Visual Inspection of Conditions
Groundwater Gauging	Q2 2025-2026	Semi-Annually	MW-1E MW-2E MW-3	Groundwater	Water Level (Position Head)
Groundwater Monitoring and Sampling	Q2 2025-2026	Semi-Annually	MW-3	Groundwater	VOCs by EPA Method 8260
	Q4 2025-2026	Annually	MW-1E MW-2E	Groundwater	VOCs by EPA Method 8260
SSD/SVES Operation Inspections	Q2 2025-2026	Semi-Annually	First floor and basement	SSD/SVES Mechanics and System Vapor	Visual Inspection, Field Measurements and Screening with Pressure Gauge and PID
Confirmatory System Sampling	Q4 2025-2026	Annually	NL-IV-7 NL-SVE-1 NL-IV-Total NL-EV-Post	System Vapor	VOCs by EPA Method TO-15
Contingency Indoor Air Sampling	TBD	System Failure for > 48 Hours	5 Locations on First Floor and 1 Ambient	Indoor Air	VOCs by EPA Method TO-15
SSD/SVES System Status	Ongoing	Continuous with Remote Telemetry and Email/Text Notification	Basement equipment room and antenna to Second Floor	SSDS Status (on/off) and other Alarm Conditions	Alarm Limits for Vacuum, Temperature, and Condensate Collection

Table T4 Notes: *Frequency of events conducted as specified in the approved SMP.
**Analysis to be completed as specified in the approved QAPP.

5.0 IC/EC CERTIFICATION

A Site-wide inspection was conducted, as specified in the SMP, to ensure that all aspects of the remedy were in-place and effective. A copy of the Site-wide inspection form is included as Appendix D. Based on the Site-wide inspection and the data evaluation summarized in this report, the following certification is made for the Site for this reporting period, as documented in the IC-EC Certification form provided in Appendix I.

a) The institutional control and engineering controls employed at this Site are unchanged from the date the control was put in place, or last approved by the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER), with the exceptions cited in this Periodic Review Report;
b) Nothing has occurred that would impair the ability of such control to protect public health and the environment;
c) Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control; and
d) Access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.

TABLES

Table 1
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
Groundwater Elevations

Monitor Well ID	Top of Casing (TOC) Elevation (feet)	Water Table (feet below TOC) 4/15/2022	Groundwater Elevation (feet) 4/15/2022	Water Table (feet below TOC) 2/22/2023	Groundwater Elevation (feet) 2/22/2023	Water Table (feet below TOC) 11/7/2023	Groundwater Elevation (feet) 11/7/2023	Water Table (feet below TOC) 2/20/2024	Groundwater Elevation (feet) 2/20/2024
MW-2	133.80	18.00	115.80	NM	NM	NM	NM	NM	NM
MW-3	133.97	19.33	114.64	19.38	114.59	18.00	115.97	18.53	115.44
MW-4	133.94	19.19	114.75	NM	NM	NM	NM	NM	NM
MW-5-D	134.21	19.66	114.55	NM	NM	NM	NM	NM	NM
MW-1E	135.89	21.01	114.88	21.1	114.79	19.67	116.22	20.30	115.59
MW-2E	136.18	21.64	114.54	21.75	114.43	20.33	115.85	20.84	115.34
MW-3E-D	135.73	21.17	114.56	NM	NM	NM	NM	NM	NM

Monitor Well ID	Top of Casing (TOC) Elevation (feet)	Water Table (feet below TOC) 8/27/2024	Groundwater Elevation (feet) 8/27/2024	Water Table (feet below TOC) 2/18/2025	Groundwater Elevation (feet) 2/18/2025
MW-2	133.80	20.12	113.68	NM	NM
MW-3	133.97	18.45	115.52	20.20	113.77
MW-4	133.94	18.47	115.47	NM	NM
MW-5-D	134.21	18.91	115.30	NM	NM
MW-1E	135.89	20.12	115.77	21.90	113.99
MW-2E	136.18	20.81	115.37	22.55	113.63
MW-3E-D	135.73	20.38	115.35	NM	NM

Notes:
All elevations based on surveying activities refer to the Borough of the Bronx Topographical Bureau Datum, which is 2.608 feet above mean sea level.
TOC - Top of Casing
No measurement was collected from former monitor well MW-1 as it was removed during the soil remediation completed as part of the remedy.
NM - No Measurement

Table 2
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
History of Groundwater Parameters

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	11.48	2.51	12.10	7.08	152	0.0	14.62	3.11	0.89	7.03	50	43.3	15.52	4.76	7.72	7.07	134	26.1	15.02	0.247	7.64	6.58	254	5.1
Stabilize	**MW-1E**	13.03	1.90	2.30	7.23	-87	0.0	14.80	2.35	0.93	7.10	-15	0	14.91	3.40	4.67	7.13	-15	0.0	15.04	0.233	5.36	6.60	266	0.0
Initial	**MW-2E**	9.98	1.15	4.14	8.28	-61	343	15.81	1.90	11.45	7.24	-5	343	21.43	1.78	13.01	7.93	14	328	16.64	2.18	2.91	7.36	16	876
Stabilize	**MW-2E**	10.90	1.24	2.42	8.04	-40	too high	15.76	1.13	8.43	7.88	31	286	18.44	1.82	1.63	7.72	70	43.1	16.49	2.50	0.94	7.27	-28	45
Initial	**MW-3E-D**	9.73	2.64	4.74	10.66	-97	341	15.32	3.07	4.11	7.36	-104	1.9	22.21	2.63	4.21	9.81	-200	0.0	15.94	2.69	2.06	8.96	-268	44.0
Stabilize	**MW-3E-D**	11.93	2.62	2.03	7.81	-35	0.0	15.56	3.19	2.70	7.37	-93	0.0	16.36	2.51	2.16	7.59	-107	0.0	15.79	8.49	0.96	7.28	-230	0.0
Initial	**MW-2**	14.98	1.07	9.50	8.08	64	Too High	17.35	0.809	4.52	7.70	326	945	17.01	1.38	1.09	7.35	75	1,000+	18.89	1.11	1.50	6.75	194	0.8
Stabilize	**MW-2**	16.67	1.05	2.45	7.58	90	0.0	17.26	0.796	0.99	7.39	320	0.0	16.71	1.34	4.92	7.31	118	0.0	18.69	1.11	0.99	6.81	176	0.6
Initial	**MW-3**	14.71	7.46	7.46	7.39	100	467	17.00	1.77	3.38	8.08	-23	0.0	17.46	2.38	5.90	7.28	100	1,000+	16.65	2.05	9.40	7.06	83	0*
Stabilize	**MW-3**	14.43	6.71	6.71	7.47	-43	0.0	17.64	1.80	3.37	7.30	152	0.0	18.47	2.37	10.51	7.66	130	37.1	17.72	2.01	5.72	7.03	89	22
Initial	**MW-4**	13.97	1.65	10.49	7.46	42	535	16.36	1.52	1.42	7.14	179	7.0	16.82	6.95	7.82	7.63	-214	382	18.13	1.96	3.69	7.38	-229	183.0
Stabilize	**MW-4**	13.95	1.51	3.43	7.52	-87	0.0	14.61	1.52	0.94	7.36	-116	0.0	15.53	1.88	4.63	4.63	-166	0	19.04	1.86	0.85	7.42	-325	7.4
Initial	**MW-5-D**	15.31	2.03	3.06	7.55	-110	584	17.05	1.86	2.00	7.25	-11	400	15.21	6.00	3.53	7.20	-90	0.0	18.24	4.27	5.97	7.11	-75	489
Stabilize	**MW-5-D**	15.38	2.02	1.88	7.45	-97	35.7	15.78	3.75	0.53	7.08	-65	11.1	14.85	7.32	4.19	7.25	-62	0.0	18.79	4.39	4.36	6.89	-70	250
	Event -->>>	**Baseline (3/7/2014)**						**Post Injection Event 1(5/5/2014)**						**Post Injection Event 2(7/10/2014)**						**Post Injection Event 3(10/22/2014)**					

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	12.93	2.82	12.64	6.38	159	30.6	14.32	2.61	25.10	7.00	134	21.7	18.80	2.62	4.48	6.53	169	19.1	15.89	3.28	3.55	6.23	160	121.0
Stabilize	**MW-1E**	11.96	2.57	6.61	6.50	76	20.7	14.42	2.88	19.19	6.98	18	0.0	20.55	2.93	3.68	6.52	178	24.5	15.48	3.24	2.63	6.24	35	27.8
Initial	**MW-2E**	10.09	2.47	2.00	7.42	-12	187	15.11	2.46	3.65	7.64	-55	159	19.86	2.24	5.07	7.33	151	403	15.31	2.47	3.97	6.71	71	841
Stabilize	**MW-2E**	12.28	2.58	0.73	7.27	100	49.4	13.83	2.56	1.44	7.53	8	27.4	20.78	2.26	8.03	7.18	150	86.0	15.08	2.43	4.80	6.72	104	348.0
Initial	**MW-3E-D**	13.40	4.80	7.93	7.14	-104	17.1	13.17	2.80	15.33	8.00	45	63.5	20.15	2.39	4.33	7.96	121	107.0	15.29	2.70	2.26	6.90	-51	304.0
Stabilize	**MW-3E-D**	12.00	5.17	4.61	7.03	-109	11.7	12.95	2.87	13.81	7.89	-58	10.7	18.59	2.71	3.66	7.26	-27	33.6	15.41	2.75	0.41	6.73	-64	6.8
Initial	**MW-2**	18.41	1.30	10.14	7.01	81	592	17.76	1.05	12.88	6.95	206	>800	20.54	0.98	1.93	6.63	201	12.6	17.78	1.24	6.78	6.32	11	2.2
Stabilize	**MW-2**	18.17	1.31	5.05	6.81	84	36.2	16.29	1.09	10.75	7.13	167	0.0	17.56	1	0.92	6.80	171	0.0	17.99	1.25	1.41	6.25	100	0.0
Initial	**MW-3**	17.41	1.75	8.48	6.96	-21	249	19.02	1.81	3.68	7.32	139	146	20.24	1.9	4.55	6.97	142	0.0	16.74	1.77	6.37	6.54	-127	0.0
Stabilize	**MW-3**	17.44	1.73	5.77	6.92	84	38.4	15.85	2.45	2.79	7.20	167	0.0	20.04	1.91	4.08	6.96	171	0.0	16.10	1.82	7.14	6.64	-85	0.0
Initial	**MW-4**	14.32	1.86	6.86	7.37	-108	107	14.54	2.66	13.92	7.03	229	65.6	19.81	2.15	3.19	7.15	-214	22.6	16.67	1.49	5.93	6.73	-179	28.4
Stabilize	**MW-4**	17.14	1.58	3.00	7.43	-190	77.7	12.71	3.48	9.60	7.06	-109	7.3	17.05	2.20	0.70	7.11	-283	2.1	17.27	1.49	3.53	6.73	-278	0.2
Initial	**MW-5-D**	17.01	3.86	10.58	6.91	97	58.7	14.43	4.00	3.70	7.24	-89	60.5	17.29	2.29	6.84	7.40	-150	682	16.81	2.23	0.23	6.62	-96	103
Stabilize	**MW-5-D**	17.03	3.96	2.61	6.99	-93	16.2	13.16	4.57	0.65	7.20	-81	28.1	14.11	2.42	1.24	7.33	-128	18.3	16.49	2.53	2.84	6.64	-87	41
	Event -->>>	**Quarterly GW Event 1(1/22/2015)**						**Quarterly GW Event 2(5/6/2015)**						**Quarterly GW Event 3(9/3/2015)**						**Quarterly GW Event 4(12/15/2015)**					

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	15.33	3.28	4.96	7.02	147	284.0	17.80	3.01	4.98	6.83	231	107.0	20.52	2.84	2.92	6.30	188	27.3	15.80	2.098	1.98	6.80	73	25.2
Stabilize	**MW-1E**	15.00	3.21	1.49	6.84	17	9.3	20.50	3.10	2.31	6.75	68	63.2	18.42	3.17	1.38	6.73	31	17.4	17.30	2.198	1.26	6.80	-2	16.0
Initial	**MW-2E**	16.26	2.13	4.47	8.31	72	274	20.10	2.603	5.66	7.64	47	575	20.49	2.88	2.87	7.56	125	N/A	15.50	2.042	3.71	8.12	2	174
Stabilize	**MW-2E**	19.51	2.21	1.88	7.66	47	33.2	27.00	3.32	6.20	7.29	162	24.0	18.33	2.92	1.87	7.33	132	144.0	16.90	2.63	1.69	7.30	-6	17.8
Initial	**MW-3E-D**	15.37	3.71	2.96	8.56	44	252.0	18.00	2.789	4.39	7.90	-78	52.7	20.62	2.71	1.77	7.85	71	952.0	14.50	2.468	4.15	7.97	-157	25.2
Stabilize	**MW-3E-D**	15.53	3.72	0.18	7.08	36	11.0	17.20	3.800	2.10	7.27	-48	15.2	20.40	3.22	0.00	7.41	-69	35.9	16.50	3.081	0.80	7.44	-122	0.9
Initial	**MW-2**	15.14	1.39	10.42	6.92	146	322	18.00	1.209	2.08	7.70	231	122	23.43	1.30	6.18	7.47	-21	199	19.10	1.095	3.89	7.29	213	36.5
Stabilize	**MW-2**	16.65	1.43	7.02	7.04	144	41.7	18.00	1.215	1.12	7.05	230	92.0	20.52	1.38	0.31	7.09	-1	2.9	18.90	1.108	1.34	7.06	206	11.1
Initial	**MW-3**	16.21	2.37	7.40	7.25	77	131	20.60	2.182	8.23	7.06	77	163	20.55	2.21	6.81	7.07	81	223	18.40	2.751	5.20	6.94	24	29.9
Stabilize	**MW-3**	16.18	2.44	1.60	7.15	48	220	22.80	2.499	3.39	6.92	80	31.1	18.91	2.83	2.30	6.94	33	150	20.50	2.739	0.88	6.87	-42	203.8
Initial	**MW-4**	14.24	1.63	2.15	7.14	-101	56.3	20.10	1.675	6.22	7.49	26	39.2	21.82	1.84	9.71	7.64	-222	23.6	19.40	3.114	6.30	7.14	111	17.3
Stabilize	**MW-4**	15.04	1.63	0.08	7.54	-251	3.7	18.60	1.61	0.35	7.37	-263	8.3	21.76	1.81	0.54	7.46	-300	3.4	18.60	2.73	1.82	6.93	-24	1.1
Initial	**MW-5-D**	15.55	2.24	3.65	7.58	-130	133	19.40	2.17	8.32	8.04	-20	301	22.21	2.68	7.69	7.33	-26	26	19.00	2.89	4.93	7.72	90	40.1
Stabilize	**MW-5-D**	15.51	3.13	0.08	7.57	-143	43.8	19.10	2.407	0.60	7.56	-146	5.8	19.36	3.16	0.13	7.54	-133	9.6	18.30	2.812	0.74	7.43	-154	2.2
	Event -->>>	**Quarterly GW Event 5(3/9/2016)**						**Quarterly GW Event 6(8/3/2016)**						**Quarterly GW Event 7(10/18/2016)**						**Quarterly GW Event 8(12/8/2016)**					

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	13.80	2.076	4.68	7.34	110	45.4	18.30	3.282	5.82	6.64	176	74.3	15.40	2.825	4.08	6.81	241	70.7	14.00	2.477	3.12	6.92	109	18.5
Stabilize	**MW-1E**	14.30	2.415	1.87	6.67	89	12.8	20.60	3.287	3.51	6.82	63	10.5	14.80	2.786	4.11	6.91	156	34.9	14.60	2.488	2.70	6.79	41	18.7
Initial	**MW-2E**	14.00	2.24	6.87	9.02	84	47.2	19.40	0.566	3.52	9.06	181	210	15.30	1.212	4.92	9.08	361	105.2	14.80	1.157	5.55	9.34	162	104
Stabilize	**MW-2E**	12.60	2.28	6.51	7.28	95	25.8	20.20	1.35	5.36	8.11	207	49.3	15.90	1.46	6.66	7.75	458	10.9	14.50	1.19	3.78	8.11	215	17.8
Initial	**MW-3E-D**	17.20	NS	NS	NS	NS	NS	18.50	2.14	5.64	8.20	27.2	319.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-3E-D**	17.00	NS	NS	NS	NS	NS	19	2.35	0.67	7.40	-12.2	15.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-3**	17.20	2.339	1.16	6.84	142	148.0	18.80	2.669	4.19	7.02	130	170.9	17.80	2.488	5.04	7.07	251	692.8	18.00	2.474	4.23	6.98	272	45.0
Stabilize	**MW-3**	17.00	2.397	0.22	6.85	11	44.8	18.30	2.749	0.86	6.93	19	70.2	17.80	2.438	0.66	7.04	33	18.9	17.50	2.588	0.31	6.92	23	16.4
Initial	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-5-D**	NS	NS	NS	NS	NS	NS	18.50	2.100	4.04	7.73	-16	89.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-5-D**	NS	NS	NS	NS	NS	NS	19.00	2.11	1.00	7.52	-58	32.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Event -->>>	**Quarterly GW Event 9(4/13/2017)**						**Quarterly GW Event 10(8/14/2017)**						**Quarterly GW Event 11(11/7/2017)**						**Quarterly GW Event 12(2/20/2018)**					

Table 2
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
History of Groundwater Parameters

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	16.17	2.711	6.94	7.12	121	36.9	NS	NS	NS	NS	NS	NS
Stabilize	**MW-1E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15.11	3.11	5.78	6.90	140	24.1	NS	NS	NS	NS	NS	NS
Initial	**MW-2E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15.67	1.353	6.36	8.46	93	689.3	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	16.23	2.666	5.67	8.23	89	47.3	NS	NS	NS	NS	NS	NS
Initial	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15.52	3.242	1.37	7.94	125	67.4	NS	NS	NS	NS	NS	NS
Stabilize	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15.30	3.207	0.21	7.21	55	33.8	NS	NS	NS	NS	NS	NS
Initial	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-3**	19.70	2.540	7.72	7.28	303	118.2	19.50	2.69	2.56	6.87	90	424.0	17.97	2.745	2.47	7.00	61	249.1	16.80	2.645	6.50	6.92	227	34.3
Stabilize	**MW-3**	18.10	2.626	0.18	6.95	20	9.0	18.30	2.597	1.13	6.91	-18	46.5	17.48	2.559	4.68	6.94	29	38.2	17.50	2.698	1.61	6.92	212	42.4
Initial	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	18.33	2.059	1.31	8.31	-109	383.9	NS	NS	NS	NS	NS	NS
Stabilize	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	16.86	2.669	0.41	7.38	-114	-16.3	NS	NS	NS	NS	NS	NS
	Event -->>>	**Quarterly GW Event 13(5/25/2018)**						**Quarterly GW Event 14(8/27/2018)**						**Quarterly GW Event 15(11/5/2018)**						**Quarterly GW Event 16(2/20/2019)**					

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14.50	1.812	5.90	6.93	99	14,7
Stabilize	**MW-1E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14.50	1.790	5.76	6.94	97	11.1
Initial	**MW-2E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14.70	0.916	5.24	8.92	139	600
Stabilize	**MW-2E**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14.60	1.027	2.44	8.52	173	43.4
Initial	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14.20	1.553	1.27	7.48	-2	12.1
Stabilize	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	13.90	1.951	0.39	7.25	-40	3.0
Initial	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-3**	17.80	2.533	1.60	6.65	0	47.1	16.96	2.797	1.04	7.15	41	38.1	17.40	2.605	2.27	6.73	241	110.8	17.40	2.722	2.35	6.91	99	46.4
Stabilize	**MW-3**	17.60	2.449	0.87	6.71	-3	36.0	15.83	2.562	3.16	7.31	20	14.7	17.10	2.596	1.54	6.89	199	30.2	17.50	2.674	3.54	7.01	44	1.5
Initial	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	16.00	2.177	0.92	7.45	-97	18.2
Stabilize	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	16.10	2.253	0.48	7.46	-121	5.3
	Event -->>>	**Quarterly GW Event 17(6/6/2019)**						**Quarterly GW Event 18(10/1/2019)**						**Quarterly GW Event 19(12/23/2019)**						**Quarterly GW Event 20(3/12/2020)**					

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	NS	NS	NS	NS	NS	NS	13.40	2.208	6.25	6.93	269	31.7	NS	NS	NS	NS	NS	NS	14.80	1.424	7.10	7.01	200	19.1
Stabilize	**MW-1E**	NS	NS	NS	NS	NS	NS	14.40	2.267	5.85	6.99	259	25.2	NS	NS	NS	NS	NS	NS	14.20	1.442	7.87	7.17	206	6.21
Initial	**MW-2E**	NS	NS	NS	NS	NS	NS	13.20	0.828	6.44	8.69	218	66.1	NS	NS	NS	NS	NS	NS	11.30	0.560	7.64	8.70	167	212
Stabilize	**MW-2E**	NS	NS	NS	NS	NS	NS	14.40	1.041	5.29	8.39	219	40.8	NS	NS	NS	NS	NS	NS	14.30	0.812	1.22	8.30	145	33.7
Initial	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-3**	17.63	3.280	3.73	6.53	142	164.3	17.20	2.882	1.61	6.98	141	31.1	18.80	2.919	2.97	6.96	98	129	17.20	2.480	1.20	6.91	159	22.8
Stabilize	**MW-3**	17.62	3.169	6.03	7.12	31	42.9	18.10	3.002	0.53	7.07	-79	16.9	18.00	3.100	2.55	7.09	-37	39.5	17.70	2.785	0.91	7.08	-64	10.1
Initial	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Event -->>>	**Quarterly GW Event 21(9/28/2021)**						**Quarterly GW Event 22(2/16/2021)**						**Quarterly GW Event 23(8/24/2021)**						**Quarterly GW Event 24(2/22/2022)**					

Table 2
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
History of Groundwater Parameters

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	16.14	1.87	5.65	6.80	135	34.8	14.38	2.98	4.67	6.33	75	70.5	NS	NS	NS	NS	NS	NS	14.00	3.084	7.92	6.87	193	90.2
Stabilize	**MW-1E**	15.59	1.87	4.53	6.82	136	3.85	15.08	2.99	3.69	6.02	215	44.1	NS	NS	NS	NS	NS	NS	14.30	2.920	6.45	6.91	250	26.7
Initial	**MW-2E**	14.82	0.611	1.57	6.73	91	310	12.82	1.13	6.93	7.64	190	223	NS	NS	NS	NS	NS	NS	13.10	.714	5.79	8.99	164	303
Stabilize	**MW-2E**	14.98	0.651	0.02	6.87	65	45.9	15.32	1.22	7.09	7.57	75	43.2	NS	NS	NS	NS	NS	NS	14.10	0.943	3.90	8.68	174	34.9
Initial	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-3**	16.64	2.46	0.10	7.07	118	214	14.91	3.33	6.48	7.04	178	>1000	17.38	3.261	1.88	7.21	183	228.9	16.60	3.617	2.17	7.01	220	83.3
Stabilize	**MW-3**	17.92	2.43	0.01	6.87	129	35.5	17.47	3.37	2.98	6.48	124	40.6	17.02	3.242	0.37	7.26	32	17.1	17.20	3.564	0.22	7.20	32	22.7
Initial	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Event -->>>	**Semi-Annual GW Event 25(4/15/2022)**						**Semi-Annual GW Event 26(2/22/2023)**						**Semi-Annual GW Event 27(11/7/2023)**						**Semi-Annual GW Event 28(2/20/2024)**					

		Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
Initial	**MW-1E**	NS	NS	NS	NS	NS	NS	14.20	1.05	5.05	6.88	234	16.2
Stabilize	**MW-1E**	NS	NS	NS	NS	NS	NS	14.60	1.286	3.57	6.79	250	31.8
Initial	**MW-2E**	NS	NS	NS	NS	NS	NS	NR	NR	NR	NR	NR	NR
Stabilize	**MW-2E**	NS	NS	NS	NS	NS	NS	NR	NR	NR	NR	NR	NR
Initial	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-3E-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-2**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-3**	16.60	2.94	5.91	6.17	-171	285	16.90	2.795	1.17	6.87	275	128.0
Stabilize	**MW-3**	16.40	2.925	3.86	6.16	-139	37.4	17.00	2.781	4.71	7.00	84	9.3
Initial	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-4**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Initial	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Stabilize	**MW-5-D**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Event -->>>	**Semi-Annual GW Event 29(8/27/24)**						**Semi-Annual GW Event 30(2/18/2025)**					

Table 3
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
Groundwater Analytical Results for Volatile Organic Compounds (VOCs)

		NL-MW-1E	NL-MW-2E	NL-MW-3			
AKRF Sample ID		NL-MW-1E_20250218	NL-MW-2E_20250218	NL-MW-03_20240827	NL-MW-DUP_20240827	NL-MW-3_20250218	NL-MW-DUP_20250218
Laboratory Sample ID		460-320734-1	460-320734-2	460-310268-1	460-310268-4	460-320734-3	460-320734-4
Date Sampled		02/18/2025	02/18/2025	08/27/2024	08/27/2024	02/18/2025	02/18/2025
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	5	0.085 U	0.085 U	0.37 U	0.37 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	1	0.19 U	0.19 U	0.20 U	0.2 U	0.19 U	0.19 U
1,1-Dichloroethane	5	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	5	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2,4-Trichlorobenzene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	0.50 U	0.50 U	0.50 U	0.5 U	0.50 U	0.50 U
1,2-Dichlorobenzene	3	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	0.6	0.087 U	0.087 U	0.43 U	0.43 U	0.087 U	0.087 U
1,2-Dichloropropane	1	0.074 U	0.074 U	0.35 U	0.35 U	0.074 U	0.074 U
1,3-Dichlorobenzene	3	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	3	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Hexanone	50	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Acetone	50	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	**1**	0.070 U	0.070 U	**4.1**	**6.5**	**5.4**	**5.4**
Bromodichloromethane	50	0.15 U	0.15 U	0.34 U	0.34 U	0.15 U	0.15 U
Bromoform	50	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	5	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Carbon Disulfide	60	0.82 U	0.82 U	0.82 U	0.82 UJ	0.82 U	0.82 U
Carbon Tetrachloride	5	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chloroethane	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Chloroform	7	0.44 J	0.33 U	0.63 J	0.68 J	0.35 J	0.38 J
Chloromethane	5	0.40 U	0.40 U	0.40 U	0.4 U	0.40 U	0.40 U
Cis-1,2-Dichloroethylene	5	0.22 U	0.22 U	2.8	2.4	4.0	4.0
Cis-1,3-Dichloropropene	NS	0.069 U	0.069 U	0.22 U	0.22 U	0.069 U	0.069 U
Cyclohexane	NS	0.32 U	0.32 U	13	26	15	16
Dibromochloromethane	50	0.086 U	0.086 U	0.28 U	0.28 U	0.086 U	0.086 U
Dichlorodifluoromethane	5	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	5	0.30 U	0.30 U	0.30 U	1.5	0.43 J	0.45 J
Isopropylbenzene (Cumene)	**5**	0.34 U	0.34 U	**11**	**15**	**16**	**17**
Methyl Ethyl Ketone (2-Butanone)	50	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Methylcyclohexane	NS	0.71 U	0.71 U	6.2	8.7	5.1	6.0
Methylene Chloride	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	5	0.73 J	0.22 U	0.74 J	0.42 U	0.73 J	0.76 J
Tert-Butyl Methyl Ether	10	0.42 U	0.42 U	0.42 U	0.89 J	0.42 U	0.42 U
Tetrachloroethylene (PCE)	5	0.28 U	0.28 U	0.25 U	0.25 U	0.28 U	0.28 U
Toluene	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	5	0.24 U	0.24 U	0.91 J	0.91 J	1.4	1.3
Trans-1,3-Dichloropropene	NS	0.12 U	0.12 U	0.22 U	0.22 U	0.12 U	0.12 U
Trichloroethylene (TCE)	**5**	**5.3**	**5.5**	**84**	**70**	**71**	**74**
Trichlorofluoromethane	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl Chloride	2	0.17 U	0.17 U	0.17 U	0.18 J	0.38 J	0.35 J
Xylenes, Total	NS	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table 3
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
Groundwater Analytical Results for Volatile Organic Compounds (VOCs)

		NL-FB		NL-TB	
AKRF Sample ID		NL-FB-01_20240827	NL-MW-FB-01_20250218	NL-TB-01_20240827	NL-MW-TB-01_20250218
Laboratory Sample ID		460-310268-2	460-320734-6	460-310268-3	460-320734-5
Date Sampled		08/27/2024	02/18/2025	08/27/2024	02/18/2025
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC C
1,1,1-Trichloroethane	5	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.085 U	0.37 U	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	1	0.20 U	0.19 U	0.20 U	0.2 U
1,1-Dichloroethane	5	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	5	0.26 U	0.26 U	0.26 U	0.26 U
1,2,4-Trichlorobenzene	5	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.38 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	0.50 U	0.50 U	0.50 U	0.5 U
1,2-Dichlorobenzene	3	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	0.6	0.43 U	0.087 U	0.43 U	0.43 U
1,2-Dichloropropane	1	0.35 U	0.074 U	0.35 U	0.35 U
1,3-Dichlorobenzene	3	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	3	0.33 U	0.33 U	0.33 U	0.33 U
2-Hexanone	50	1.1 U	1.1 U	1.1 U	1.1 U
Acetone	50	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	**1**	0.20 U	0.070 U	0.20 U	0.2 U
Bromodichloromethane	50	0.34 U	0.15 U	0.34 U	0.34 U
Bromoform	50	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	5	0.55 U	0.55 U	0.55 U	0.55 U
Carbon Disulfide	60	0.82 U	0.82 U	0.82 U	0.82 U
Carbon Tetrachloride	5	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	5	0.38 U	0.38 U	0.38 U	0.38 U
Chloroethane	5	0.32 U	0.32 U	0.32 U	0.32 U
Chloroform	7	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	5	0.40 U	0.40 U	0.40 U	0.4 U
Cis-1,2-Dichloroethylene	5	0.22 U	0.22 U	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	0.22 U	0.069 U	0.22 U	0.22 U
Cyclohexane	NS	0.32 U	0.32 U	0.32 U	0.32 U
Dibromochloromethane	50	0.28 U	0.086 U	0.28 U	0.28 U
Dichlorodifluoromethane	5	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	5	0.30 U	0.30 U	0.30 U	0.3 U
Isopropylbenzene (Cumene)	**5**	0.34 U	0.34 U	0.34 U	0.34 U
Methyl Ethyl Ketone (2-Butanone)	50	1.9 U	1.9 U	1.9 U	1.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	1.3 U	1.3 U	1.3 U	1.3 U
Methylcyclohexane	NS	0.71 U	0.71 U	0.71 U	0.71 U
Methylene Chloride	5	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	5	0.22 U	0.22 U	0.22 U	0.42 U
Tert-Butyl Methyl Ether	10	0.42 U	0.42 U	0.42 U	0.22 U
Tetrachloroethylene (PCE)	5	0.25 U	0.28 U	0.25 U	0.25 U
Toluene	5	0.38 U	0.38 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	5	0.24 U	0.24 U	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	0.22 U	0.12 U	0.22 U	0.22 U
Trichloroethylene (TCE)	**5**	0.31 U	0.074 U	0.31 U	0.31 U
Trichlorofluoromethane	5	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl Chloride	2	0.17 U	0.17 U	0.17 U	0.17 U
Xylenes, Total	NS	0.65 U	0.65 U	0.65 U	0.65 U

Table 4
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
SSDS/SVES Vapor Concentration Summary

						AKRF Sample ID	NL-SVE-1_20250218	NL-IV-7_20250218	NL-IV-DUP_20250218	NL-IV-TOTAL_20250218	NL-EV-POST_20250218
						Laboratory Sample ID	L2508885-01	L2508885-03	L2508885-05	L2508885-01	L2508885-04
						Date Sampled	2/20/2024	2/20/2024	2/18/2025	2/18/2025	2/18/2025
						Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
						Dilution Factor	1.973	2.027	2.027	2.041	1.967
Compound	**EPA BASE 90th percentile Indoor**	**NYSDOH SVI Indoor Upper Fence**	**NYSDOH AGV**	**NYSDEC DAR-1 AGC**	**NYSDEC DAR-1 SGC**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	20.6	2.5	NS	5,000	9,000		7.58 U	2.34 U	2.32 U	2.86 U	2.16 U
1,1,2,2-Tetrachloroethane	NS	0.4	NS	16	NS		9.55 U	2.95 U	2.93 U	3.6 U	2.72 U
1,1,2-Trichloroethane	1.5	0.4	NS	1.4	NS		7.58 U	2.34 U	2.32 U	2.86 U	2.16 U
1,1-Dichloroethane	0.7	0.4	NS	0.63	NS		5.63 U	1.74 U	1.72 U	2.12 U	1.6 U
1,1-Dichloroethene	1.4	0.4	NS	200	NS		5.51 U	1.7 U	1.69 U	2.08 U	1.57 U
1,2,4-Trichlorobenzene	6.8	0.5	NS	NS	3,700		10.3 U	3.18 U	3.16 U	3.89 U	2.94 U
1,2,4-Trimethylbenzene	9.5	9.8	NS	6	NS		6.83 U	2.42	2.09 U	2.58 U	1.95 U
1,2-Dibromoethane	1.5	0.4	NS	0.0017	NS		10.7 U	3.3 U	3.27 U	4.03 U	3.04 U
1,2-Dichlorobenzene	1.2	0.5	NS	200	30,000		8.36 U	2.58 U	2.56 U	3.15 U	2.38 U
1,2-Dichloroethane	0.9	0.4	NS	0.038	NS		5.63 U	1.74 U	1.72 U	2.12 U	1.6 U
1,2-Dichloropropane	1.6	0.4	NS	4	NS		6.42 U	1.98 U	1.97 U	2.42 U	1.83 U
1,3,5-Trimethylbenzene	3.7	3.9	NS	6	NS		16.6	2.11 U	4.82	2.58 U	2.53
1,3-Butadiene	3	NS	NS	0.033	NS		3.08 U	0.949 U	0.942 U	1.16 U	0.876 U
1,3-Dichlorobenzene	2.4	0.5	NS	10	NS		8.36 U	2.58 U	2.56 U	3.15 U	2.38 U
1,4-Dichlorobenzene	5.5	1.2	NS	0.09	NS		8.36 U	2.58 U	2.56 U	3.15 U	2.38 U
1,4-Dioxane	NS	NS	NS	0.2	3,000		5.01 U	1.55 U	1.54 U	1.89 U	1.43 U
2,2,4-Trimethylpentane	NS	5	NS	3,300	NS		6.49 U	2 U	1.99 U	2.45 U	1.85 U
2-Butanone	12	16	NS	5,000	13,000		10.3 U	3.16 U	3.13 U	3.86 U	2.92 U
2-Hexanone	NS	NS	NS	30	4,000		5.7 U	1.76 U	1.75 U	2.15 U	1.62 U
3-Chloropropene	NS	NS	NS	1	600		4.35 U	1.34 U	1.33 U	1.64 U	1.24 U
4-Ethyltoluene	3.6	NS	NS	NS	NS		6.83 U	2.11 U	2.09 U	2.58 U	1.95 U
4-Methyl-2-pentanone	6	1.9	NS	3,000	31,000		14.3 U	4.39 U	4.34 U	5.37 U	4.06 U
Acetone	98.9	115	NS	30,000	180,000		25.2	17.7 J	10.1 J	23.6	23.8
Benzene	9.4	13	NS	0.13	1,300		4.44 U	1.37 U	1.93	1.67 U	1.73
Benzyl chloride	6.8	NS	NS	0.02	240		7.2 U J	2.22 U J	2.21 U J	2.71 U J	2.05 U J
Bromodichloromethane	NS	NS	NS	70	NS		9.31 U	2.87 U	2.85 U	3.51 U	2.65 U
Bromoform	NS	NS	NS	0.91	NS		14.4 U J	4.44 U J	4.4 U J	5.42 U J	4.09 U J
Bromomethane	1.7	0.5	NS	NS	3,900		5.4 U	1.67 U	1.65 U	2.03 U	1.54 U
Carbon disulfide	4.2	NS	NS	700	6,200		4.33 U	1.34 U	1.33 U	1.63 U	1.23 U
Carbon tetrachloride	1.3	1.3	NS	0.067	1,900		8.74 U	2.7 U	2.68 U	3.3 U	2.49 U
Chlorobenzene	0.9	0.4	NS	60	NS		6.4 U	1.98 U	1.96 U	2.41 U	1.82 U
Chloroethane	1.1	0.4	NS	NS	NS		3.67 U	1.13 U	1.12 U	1.38 U	1.04 U
Chloroform	1.1	1.2	NS	14.7	150		15	2.09 U	2.08 U	2.56 U	2.02
Chloromethane	3.7	4.2	NS	90	22,000		2.87 U	1.02	0.88 U	1.14	0.818 U
cis-1,2-Dichloroethene	1.9	0.4	NS	63	NS		234	3.16	4.6	2.08 U	1.88
cis-1,3-Dichloropropene	2.3	0.4	NS	0.25	NS		6.31 U	1.95 U	1.93 U	2.38 U	1.8 U
Cyclohexane	NS	6.3	NS	6,000	NS		104	2.21	2.11	1.8 U	1.36 U
Dibromochloromethane	NS	NS	NS	NS	NS		11.8 U J	3.65 U J	3.63 U J	4.46 U J	3.37 U J
Dichlorodifluoromethane	16.5	10	NS	12,000	NS		6.87 U	2.19	2.63	3.38	3.58
Ethanol	210	1,300	NS	45,000	NS		65.8 U	32.4 J	22 J	56.2	69.7
Ethyl Acetate	5.4	NS	NS	3,400	NS		12.6 U	3.86 U	3.82 U	4.72 U	3.57 U
Ethylbenzene	5.7	6.4	NS	1,000	NS		6.04 U	1.86 U	1.85 U	2.46	1.72 U
Freon-113	3.5	2.5	NS	180,000	960,000		10.7 U	3.29 U	3.27 U	4.02 U	3.04 U
Freon-114	6.8	0.4	NS	17,000	NS		9.72 U	3 U	2.98 U	3.66 U	2.77 U
Heptane	NS	18	NS	3,900	210,000		6.35	4.92	1.75 U	2.15 U	1.62 U
Hexachlorobutadiene	6.8	0.5	NS	0.045	NS		14.8 U	4.58 U	4.54 U	5.59 U	4.22 U
Isopropanol	250	NS	NS	7,000	98,000		19	71 J	9.05 J	59.7	17.3
Methyl tert butyl ether	11.5	14	NS	3.8	NS		5.01 U	1.55 U	1.54 U	1.89 U	1.43 U
Methylene chloride	10	16	60	60	14,000		12.1 U	3.72 U	3.68 U	4.55 U	3.44 U
n-Hexane	10.2	14	NS	700	NS		8.18	2.38	1.5 U	2.54	2.94
o-Xylene	7.9	7.1	NS	100	22,000		6.04 U	2.95	2.19	4.27	1.92
p/m-Xylene	22.2	11	NS	100	22,000		12.1 U	4.27	4.14	14.6	3.77
Styrene	1.9	1.4	NS	1,000	1,700		5.92 U	1.83 U	1.81 U	2.23 U	1.69 U
Tertiary butyl Alcohol	NS	NS	NS	720	NS		10.6 U	3.24 U	3.21 U	3.97 U	3 U
Tetrachloroethene	15.9	2.5	30	4	300		14.3	2.91 U	2.92	3.55 U	2.69 U
Tetrahydrofuran	NS	0.8	NS	350	30,000		10.3 U	3.16 U	3.13 U	3.86 U	2.92 U
Toluene	43	57	NS	5,000	37,000		5.24 U	4.41	3.73	3.64	3.34
trans-1,2-Dichloroethene	NS	NS	NS	63	NS		5.51 U	1.7 U	1.69 U	2.08 U	1.57 U
trans-1,3-Dichloropropene	1.3	NC	NS	0.25	NS		6.31 U	1.95 U	1.93 U	2.38 U	1.8 U
Trichloroethene	4.2	0.5	2	0.2	14,000		2970	106 J	175 J	33.3	54.3
Trichlorofluoromethane	18.1	12	NS	5,000	9,000		7.81 U	2.41 U	2.39 U	2.94 U	2.23 U
Vinyl bromide	NS	NS	NS	3	NS		6.08 U	1.88 U	1.86 U	2.29 U	1.73 U
Vinyl chloride	1.9	0.4	NS	0.068	180,000		3.55 U	1.1 U	1.09 U	1.34 U	1.01 U

Table 5
3200 Jerome Avenue
Bronx, NY
Site Management System Vapor DAR-1 Evaluation - February 2022
VOCs

Sample Name			AFTER BLOWER (EXHAUST) Concentration Reported		In Stack Concentrations - Only Detected Compounds			Calculated DAR-1 Annual Impacts (ug/m^3)						TOTAL Annual Impacts			Calculated DAR-1 Short-term Impacts		
Sample Date			2/18/2025					1									1		
Analyte	SGC ($\mu g/m^3$)	AGC ($\mu g/m^3$)	NL-EV-POST_20250218		Is Conc. > SGC?	% of SGC	Is Conc. > AGC?	Q_h (lb/hr)^2	Q_a (lbs/year)^3	C_a ($\mu g/m^3$)^4	C_p ($\mu g/m^3$)^6	Reduced C_a ($\mu g/m^3$)^4	Reduced C_p ($\mu g/m^3$)^6	C_a ($\mu g/m^3$)^4	Is Conc. > AGC?	% of AGC	C_{ST} ($\mu g/m^3$)^7	Is Conc. > SGC?	% of SGC
1,1,1-Trichloroethane	9,000.0	5,000.0	2.16	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	NA	16.0	2.72	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	NA	1.4	2.16	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	NA	0.630	1.6	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	NA	200.0	1.57	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	3,700.0	NA	2.94	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	NA	6.0	1.95	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dibromoethane	NA	0.002	3.04	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	30,000.0	200.0	2.38	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	NA	0.038	1.6	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	NA	4.0	1.83	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	NA	6.0	2.53		**No**	**NA**	**No**	3.66E-06	3.20E-02	7.36E-05	7.28E-06	5.52E-05	5.46E-06	5.52E-05	**No**	**0.00%**	3.55E-04	**NA**	**NA**
1,3-Butadiene	NA	0.033	0.876	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	NA	10.0	2.38	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	NA	0.090	2.38	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dioxane	3,000.0	0.200	1.43	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2,4-Trimethylpentane	NA	3,300.0	1.85	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone	13,000.0	5,000.0	2.92	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	4,000.0	30.0	1.62	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-Chloropropene	600.0	1.0	1.24	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Ethyltoluene	NA	NA	1.95	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone	31,000.0	3,000.0	4.06	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	180,000.0	30,000.0	23.8		**No**	**0.01%**	**No**	3.44E-05	3.01E-01	6.93E-04	6.85E-05	5.19E-04	5.14E-05	5.19E-04	**No**	**0.00%**	3.34E-03	**No**	**0.00%**
Benzene	1,300.0	0.130	1.73		**No**	**0.13%**	**Yes**	2.50E-06	2.19E-02	5.03E-05	4.98E-06	3.78E-05	3.74E-06	3.78E-05	**No**	**0.03%**	2.43E-04	**No**	**0.00%**
Benzyl chloride	240.0	0.020	2.05	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	NA	70.0	2.65	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	NA	0.910	4.09	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	3,900.0	5.0	1.54	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	6,200.0	700.0	1.23	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	1,900.0	0.170	2.49	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	NA	60.0	1.82	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	NA	10,000.0	1.04	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	150.0	14.7	2.02		**Yes**	**1.35%**	**Yes**	2.92E-06	2.56E-02	5.88E-05	5.82E-06	4.41E-05	4.36E-06	4.41E-05	**No**	**0.00%**	2.84E-04	**No**	**0.00%**
Chloromethane	22,000.0	90.0	0.818	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	NA	63.0	1.88		**No**	**NA**	**No**	2.72E-06	2.38E-02	5.47E-05	5.41E-06	4.10E-05	4.06E-06	4.10E-05	**No**	**0.00%**	2.64E-04	**NA**	**NA**
cis-1,3-Dichloropropene	NA	0.250	1.8	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	NA	6,000.0	1.36	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	NA	NA	3.37	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	NA	12,000.0	3.58		**No**	**NA**	**No**	5.17E-06	4.53E-02	1.04E-04	1.03E-05	7.81E-05	7.73E-06	7.81E-05	**No**	**0.00%**	5.02E-04	**No**	**0.00%**
Ethanol	NA	45,000.0	69.7		**No**	**NA**	**No**	1.01E-04	8.82E-01	2.03E-03	2.01E-04	1.52E-03	1.51E-04	1.52E-03	**No**	**0.00%**	9.78E-03	**No**	**0.00%**
Ethyl Acetate	NA	3,400.0	3.57	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	NA	1,000.0	1.72	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Freon-113	960,000	180,000	3.04	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Freon-114	NA	17,000.0	2.77	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Heptane	210,000.0	3,900.0	1.62	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	NA	0.045	4.22	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropanol	98,000.0	7,000.0	17.3		**No**	**0.02%**	**No**	2.50E-05	2.19E-01	5.03E-04	4.98E-05	3.78E-04	3.74E-05	3.78E-04	**No**	**0.00%**	2.43E-03	**No**	**0.00%**
Methyl tert butyl ether	NA	3.8	1.43	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	14,000.0	60.0	3.44	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Hexane	NA	700.0	2.94		**Yes**	**---**	**No**	4.25E-06	3.72E-02	8.56E-05	8.46E-06	6.42E-05	6.35E-06	6.42E-05	**No**	**0.00%**	4.13E-04	**No**	**0.00%**
o-Xylene	22,000.0	100.0	1.92		**Yes**	**0.01%**	**Yes**	2.77E-06	2.43E-02	5.59E-05	5.53E-06	4.19E-05	4.15E-06	4.19E-05	**No**	**0.00%**	2.69E-04	**No**	**0.00%**
p/m-Xylene	22,000.0	100.0	3.77		**Yes**	**0.02%**	**Yes**	5.45E-06	4.77E-02	1.10E-04	1.09E-05	8.23E-05	8.14E-06	8.23E-05	**No**	**0.00%**	5.29E-04	**No**	**0.00%**
Styrene	17,000.0	1,000.0	1.69	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tertiary butyl Alcohol	NA	720.0	3	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	300.0	4.0	2.69	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	30,000.0	350.0	2.92	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	37,000.0	5,000.0	3.34		**No**	**0.01%**	**No**	4.83E-06	4.23E-02	9.72E-05	9.62E-06	7.29E-05	7.21E-06	7.29E-05	**No**	**0.00%**	4.69E-04	**No**	**0.00%**
trans-1,2-Dichloroethene	NA	63.0	1.57	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-Dichloropropene	NA	0.250	1.8	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	14,000.0	0.200	**54.3**		**No**	**0.39%**	**Yes**	7.85E-05	6.87E-01	1.58E-03	1.56E-04	1.19E-03	1.17E-04	1.19E-03	**No**	**0.59%**	7.62E-03	**No**	**0.00%**
Trichlorofluoromethane	9,000.0	5,000.0	2.23	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl bromide	NA	3.0	1.73	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	180,000.0	0.068	1.01	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

[1] U - Compound analyzed but not detected at a concentration above the reporting limit.

[2] Q_h =hourly emissions = Conc. * flowrate ft^3/min * 60 min/hr * 0.028 m^3/ft^3 * $2.2x10^{-9}$ lb/ug

[3] Q_A = annual emissions = Q_h * hrs/yr

[4] C_a = Maximum Actual Annual Impact, ug/m3

[5] C_c = Worst-Case Annual Cavity Impact, ug/m3

[6] C_p = Maximum Potential Annual Impact, ug/m3

[7] C_{ST} = Maximum Short-term Impact, ug/m3

[8] C_{CST} = Worst-Case Short-term Cavity Impact, ug/m3

Table 6
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
VOC Mass Removal Calculations

Date	Measured Air Flow Rate Ft^3/Min	Assumed Air Flow Rate Ft^3/Min	Total TCE Concentration ($\mu g/m^3$)	System Operation Time Percentage	TCE Recovered Pounds	Notes on Calculations
Nov-14	588	NA	13,300	100%	21.20*	Actual TCE Concentration
Dec-14	NA	588	13,300	100%	21.20*	Calc on assumed TCE Conc.
Jan-15	NA	610	1,700	100%	1.90*	Calc on assumed TCE Conc.
Feb-15	610	NA	1,700	100%	1.90*	Calc on assumed TCE Conc.
Mar-15	NA	610	1,700	100%	1.90*	Calc on assumed TCE Conc.
Apr-15	NA	608	534	100%	0.88*	Calc on assumed TCE Conc.
May-15	NA	608	534	100%	0.88*	Calc on assumed TCE Conc.
Jun-15	610	NA	534	100%	0.88*	Actual TCE Concentration
Jul-15	NA	608	534	100%	0.88*	Calc on assumed TCE Conc.
Aug-15	NA	608	534	100%	0.88*	Calc on assumed TCE Conc.
Sep-15	NA	492	1,030	100%	1.37*	Calc on assumed TCE Conc.
Oct-15	NA	492	1,030	100%	1.37*	Calc on assumed TCE Conc.
Nov-15	NA	492	1,030	100%	1.37*	Calc on assumed TCE Conc.
Dec-15	492	NA	1,030	100%	1.37*	Actual TCE Concentration
Jan-16	NA	403	105	100%	0.09*	Calc on assumed TCE Conc.
Feb-16	NA	403	105	100%	0.09*	Calc on assumed TCE Conc.
Mar-16	NA	403	105	100%	0.09*	Calc on assumed TCE Conc.
Apr-16	NA	403	105	100%	0.09*	Calc on assumed TCE Conc.
May-16	NA	403	105	100%	0.09*	Calc on assumed TCE Conc.
Jun-16	NA	403	105	73%	0.07*	Calc on assumed TCE Conc.
Jul-16	NA	403	105	100%	0.09*	Calc on assumed TCE Conc.
Aug-16	403	NA	105	100%	0.09*	Actual TCE Concentration
Sep-16	NA	392	1,310	100%	1.36*	Calc on assumed TCE Conc.
Oct-16	NA	392	1,310	100%	1.36*	Calc on assumed TCE Conc.
Nov-16	NA	392	1,310	100%	1.36*	Calc on assumed TCE Conc.
Dec-16	392	NA	1,310	100%	1.36*	Actual TCE Concentration
Jan-17	NA	392	1,310	100%	1.36*	Calc on assumed TCE Conc.
Feb-17	NA	392	1,310	100%	1.36*	Calc on assumed TCE Conc.
Mar-17	NA	392	1,310	100%	1.36*	Calc on assumed TCE Conc.
Apr-17	398	NA	1,310	100%	1.38*	Calc on assumed TCE Conc.
May-17	NA	415	52	100%	0.06*	Calc on assumed TCE Conc.
Jun-17	NA	415	52	100%	0.06*	Calc on assumed TCE Conc.
Jul-17	NA	415	52	100%	0.06*	Calc on assumed TCE Conc.
Aug-17	415	NA	52	100%	0.06*	Actual TCE Concentration
Sep-17	NA	391	3,760	100%	3.89*	Calc on assumed TCE Conc.
Oct-17	NA	391	3,760	100%	3.89*	Calc on assumed TCE Conc.
Nov-17	NA	391	3,760	100%	3.89*	Calc on assumed TCE Conc.
Dec-17	NA	391	3,760	100%	3.89*	Calc on assumed TCE Conc.
Jan-18	NA	391	3,760	100%	3.89*	Calc on assumed TCE Conc.
Feb-18	391	NA	3,760	100%	3.89*	Actual TCE Concentration
Mar-18	NA	391	3,760	100%	0.13*	Calc on assumed TCE Conc.
Apr-18	NA	403	120	100%	0.13*	Calc on assumed TCE Conc.
May-18	NA	403	120	100%	0.13*	Calc on assumed TCE Conc.
Jun-18	NA	403	120	100%	0.13*	Calc on assumed TCE Conc.
Jul-18	NA	403	120	100%	0.13*	Calc on assumed TCE Conc.
Aug-18	403	NA	120	100%	0.13*	Actual TCE Concentration
Sep-18	NA	381	51	100%	0.05*	Calc on assumed TCE Conc.
Oct-18	NA	381	51	100%	0.05*	Calc on assumed TCE Conc.
Nov-18	NA	381	51	100%	0.05*	Calc on assumed TCE Conc.
Dec-18	NA	381	51	100%	0.05*	Calc on assumed TCE Conc.
Jan-19	NA	381	51	100%	0.05*	Calc on assumed TCE Conc.
Feb-19	381	NA	51	100%	0.05*	Actual TCE Concentration
Mar-19	NA	381	51	100%	0.05*	Calc on assumed TCE Conc.
Apr-19	NA	396	736	100%	0.77*	Calc on assumed TCE Conc.
May-19	NA	396	736	100%	0.77*	Calc on assumed TCE Conc.
Jun-19	NA	396	736	100%	0.77*	Calc on assumed TCE Conc.
Jul-19	NA	396	736	100%	0.77*	Calc on assumed TCE Conc.
Aug-19	NA	396	736	100%	0.77*	Calc on assumed TCE Conc.
Sep-19	NA	396	736	100%	0.77*	Calc on assumed TCE Conc.
Oct-19	396	NA	736	100%	0.77*	Actual TCE Concentration
Nov-19	NA	364	184	100%	0.18*	Calc on assumed TCE Conc.
Dec-19	NA	364	184	100%	0.18*	Calc on assumed TCE Conc.

Table 6
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
VOC Mass Removal Calculations

Date	Measured Air Flow Rate Ft^3/Min	Assumed Air Flow Rate Ft^3/Min	Total TCE Concentration ($\mu g/m^3$)	System Operation Time Percentage	TCE Recovered Pounds	Notes on Calculations
Jan-20	NA	364	184	100%	0.18*	Calc on assumed TCE Conc.
Feb-20	NA	364	184	100%	0.18*	Calc on assumed TCE Conc.
Mar-20	364	NA	184	100%	0.18*	Actual TCE Concentration
Apr-20	NA	368	103	100%	0.10*	Calc on assumed TCE Conc.
May-20	NA	368	103	100%	0.10*	Calc on assumed TCE Conc.
Jun-20	NA	368	103	100%	0.10*	Calc on assumed TCE Conc.
Jul-20	NA	368	103	100%	0.10*	Calc on assumed TCE Conc.
Aug-20	NA	368	103	100%	0.10*	Calc on assumed TCE Conc.
Sep-20	368	NA	103	100%	0.10*	Actual TCE Concentration
Nov-20	NA	343	235	100%	0.21*	Calc on assumed TCE Conc.
Dec-20	NA	343	235	100%	0.21*	Calc on assumed TCE Conc.
Jan-21	NA	343	235	100%	0.21*	Calc on assumed TCE Conc.
Feb-21	343	NA	235	100%	0.21*	Actual TCE Concentration
Mar-21	NA	362	119	100%	0.11*	Calc on assumed TCE Conc.
Apr-21	NA	362	119	100%	0.11*	Calc on assumed TCE Conc.
May-21	NA	362	119	100%	0.11*	Calc on assumed TCE Conc.
Jun-21	NA	362	119	100%	0.11*	Calc on assumed TCE Conc.
Jul-21	NA	362	119	100%	0.11*	Calc on assumed TCE Conc.
Aug-21	362	NA	119	100%	0.11*	Actual TCE Concentration
Sep-21	NA	333	293	100%	0.26*	Calc on assumed TCE Conc.
Oct-21	NA	333	293	100%	0.26*	Calc on assumed TCE Conc.
Nov-21	NA	333	293	100%	0.26*	Calc on assumed TCE Conc.
Dec-21	NA	333	293	100%	0.26*	Calc on assumed TCE Conc.
Jan-22	NA	333	293	100%	0.26*	Calc on assumed TCE Conc.
Feb-22	333	NA	293	100%	0.26*	Actual TCE Concentration
Mar-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Apr-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
May-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Jun-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Jul-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Aug-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Sep-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Oct-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Nov-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Dec-22	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Jan-23	NA	352	34	100%	0.03*	Calc on assumed TCE Conc.
Feb-23	352	NA	34	100%	0.03*	Actual TCE Concentration
Mar-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Apr-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
May-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Jun-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Jul-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Aug-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Sep-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Oct-23	NA	410	183	100%	0.20*	Calc on assumed TCE Conc.
Nov-23	410	NA	183	100%	0.20*	Calc on assumed TCE Conc.
Dec-23	NA	390	183	100%	0.19*	Calc on assumed TCE Conc.
Jan-24	NA	390	183	100%	0.19*	Calc on assumed TCE Conc.
Feb-24	390	NA	183	100%	0.19*	Actual TCE Concentration
Mar-24	NA	390	183	100%	0.19*	Calc on assumed TCE Conc.
Apr-24	NA	356	33	100%	0.03*	Calc on assumed TCE Conc.
May-24	NA	356	33	100%	0.03*	Calc on assumed TCE Conc.
Jun-24	NA	356	33	100%	0.03*	Calc on assumed TCE Conc.
Jul-24	NA	356	33	100%	0.03*	Calc on assumed TCE Conc.
Aug-24	356	NA	33	100%	0.03*	Calc on assumed TCE Conc.
Sep-24	NA	374	33	100%	0.03*	Calc on assumed TCE Conc.
Oct-24	NA	374	33	100%	0.03*	Calc on assumed TCE Conc.
Nov-24	NA	374	33	100%	0.03*	Calc on assumed TCE Conc.
Dec-24	NA	374	33	100%	0.03*	Calc on assumed TCE Conc.
Jan-25	NA	374	33	100%	0.03*	Calc on assumed TCE Conc.
Feb-25	374	NA	33	100%	0.03*	Actual TCE Concentration
Mar-25	NA	374	33	100%	0.03*	Calc on assumed TCE Conc.
Latest Estimated TCE Removal Rate (lbs/month)					0.03	Sample collected in Feburary 2025 from the total influent sample port.
Estimated TCE Removed in 2024-2025 Reporting Period (Pounds)					0.36	
Estimated TCE Removed Since Start Up (Pounds)					109.86**	

1) Instantaneous air flow rates recorded during November 2023 and February 2024 semi-annual inspections via field gauge (converted to cubic feet per month using 43200 min/month). NA - Not Applicable

2) TCE concentration (ug/m^3) obtained from the influent sample (higher value between total influent and effluent) collected for laboratory analysis (TO-15) in February 2024.

3) TCE removed (lbs/month) = monthly air flow rate (ft^3/month)*TCE concentration (ug/m^3) * [(0.027826m^3/ft^3)*(1.00E-06 g/ug)*(0.001 kg/g)*(2.2 lbs/kg)] or (6.0E-11 m^3 lbs/ug ft^3).

4) * - Extrapolated TCE recovered amount based on calculated removal amount from past/future month when vapor sampling was conducted. Flow rates assumed to be associated with correlated measurements from past/future sampling events.

5) ** - Extrapolated TCE recovered amount based on sampling events completed since startup in November 2014.

Tables 1-6
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
Notes

DEFINITIONS

J : The concentration given is an estimated value.

NC : Upper fence not calculated.

NR : Not reported.

NS : No cleanup objective listed.

U : The analyte was not detected at the indicated concentration.

UJ : The analyte was analyzed for but not detected. The reported quantitation limit is approximate and mayl

µg/L : micrograms per Liter

mg/L : milligrams per Liter

µg/m^3 : micrograms per cubic meter of air

µg/L : micrograms per Liter

NYSDEC AWQSGV : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC AWQSGVs are highlighted in bold font and gray shading.

EPA BASE 90th Percentile : 90th percentile indoor air values from “Table C2. United States Environmental Protction Agency (EPA) 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA canister method,” published in the New York State Department of Health (NYSDOH) Soil Vapor Intrusion Guidance Document, Appendix C (October 2006).

NYSDOH SVI Indoor Upper Fence : Upper fence indoor air values from "Table C1. New York State Department of Health (NYSDOH) 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes," published in the NYSDOH Soil Vapor Intrusion (SVI) Guidance Document, Appendix C (October 2006).

NYSDOH AGV : New York State Department of Health (NYSDOH) Air Guidance Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (“NYSDOH Vapor Intrusion Guidance Document”), updated September 2013 for change of AGV for PCE and August 2015 for TCE.

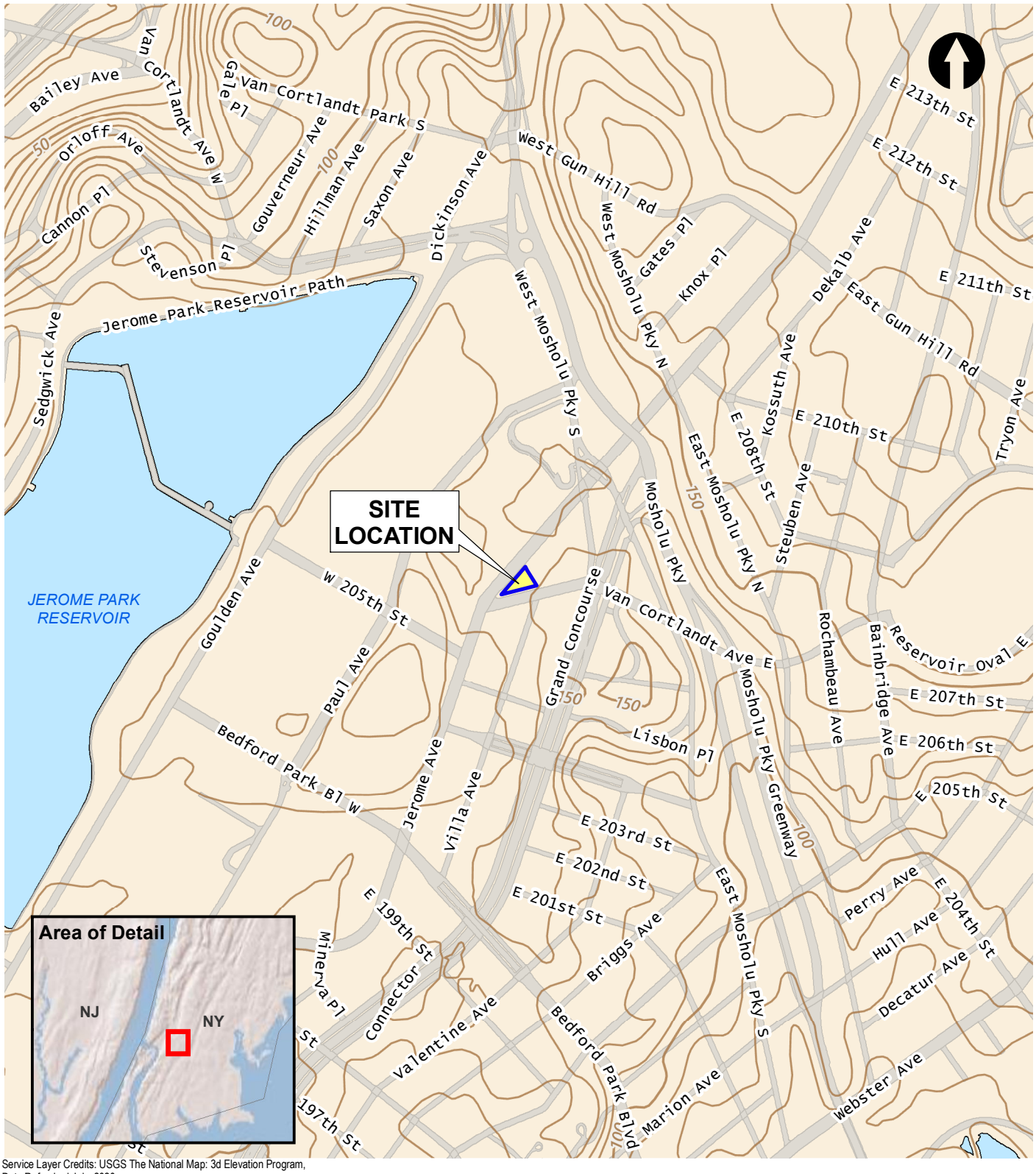
DAR-1 AGC/SGC : New York State Department of Environmental Conservation (NYSDEC) Division of Air Resources (DAR) Annual Guideline Concentrations (AGC) and Short-Term Guideline Concentrations (SGC) published in Air Guide-1 (DAR-1) Oct 18, 2010.

Exceedances of NYSDOH AGVs are highlighted in gray shading.
NYSDEC DAR-1 AGCs and SGCs are shown for general comparison only; see table 5 for DAR-1 Effluent Model.

DUPLICATES

NL-MW-DUP_20240827is a blind duplicate of sample NL-MW-3_20240827
NL-MW-DUP_20250218 is a blind duplicate of sample NL-MW-3_20250218
NL-IV-DUP_20250218 is a blind duplicate of sample NL-IV-7_20250218

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2020

0 800 1,600

SCALE IN FEET

©2025 AKRF Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\GIS\PRR\11455 Fig 1 Site Loc Map.mxd 4/4/2025 8:22:09 AM mveilleux

akrf
440 Park Avenue South, New York, NY 10016

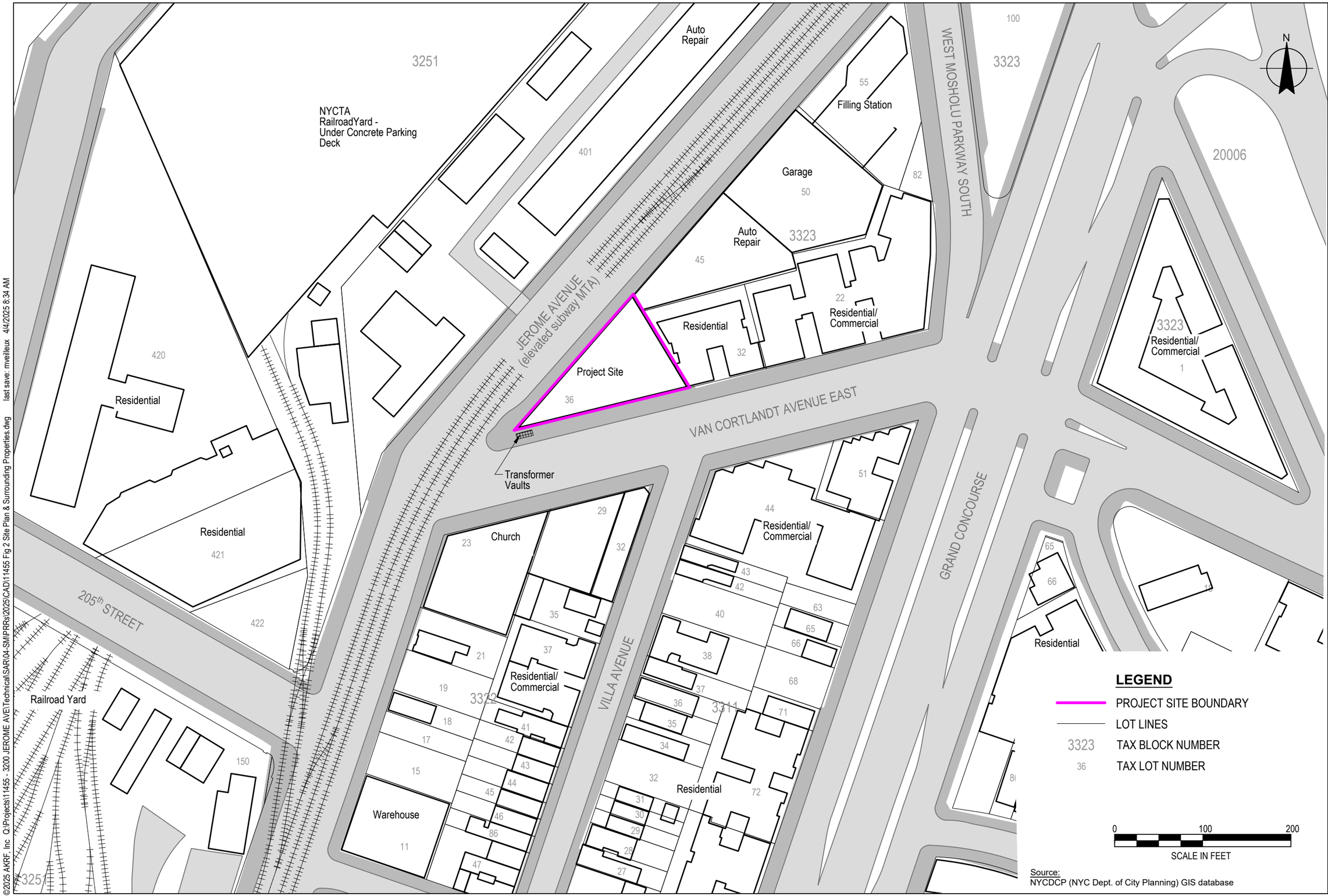
Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

SITE LOCATION

DATE
4/4/2025

PROJECT NO.
11455

FIGURE
1



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440 Park Avenue South
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Former Nessen Lamps Site
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Bronx, New York

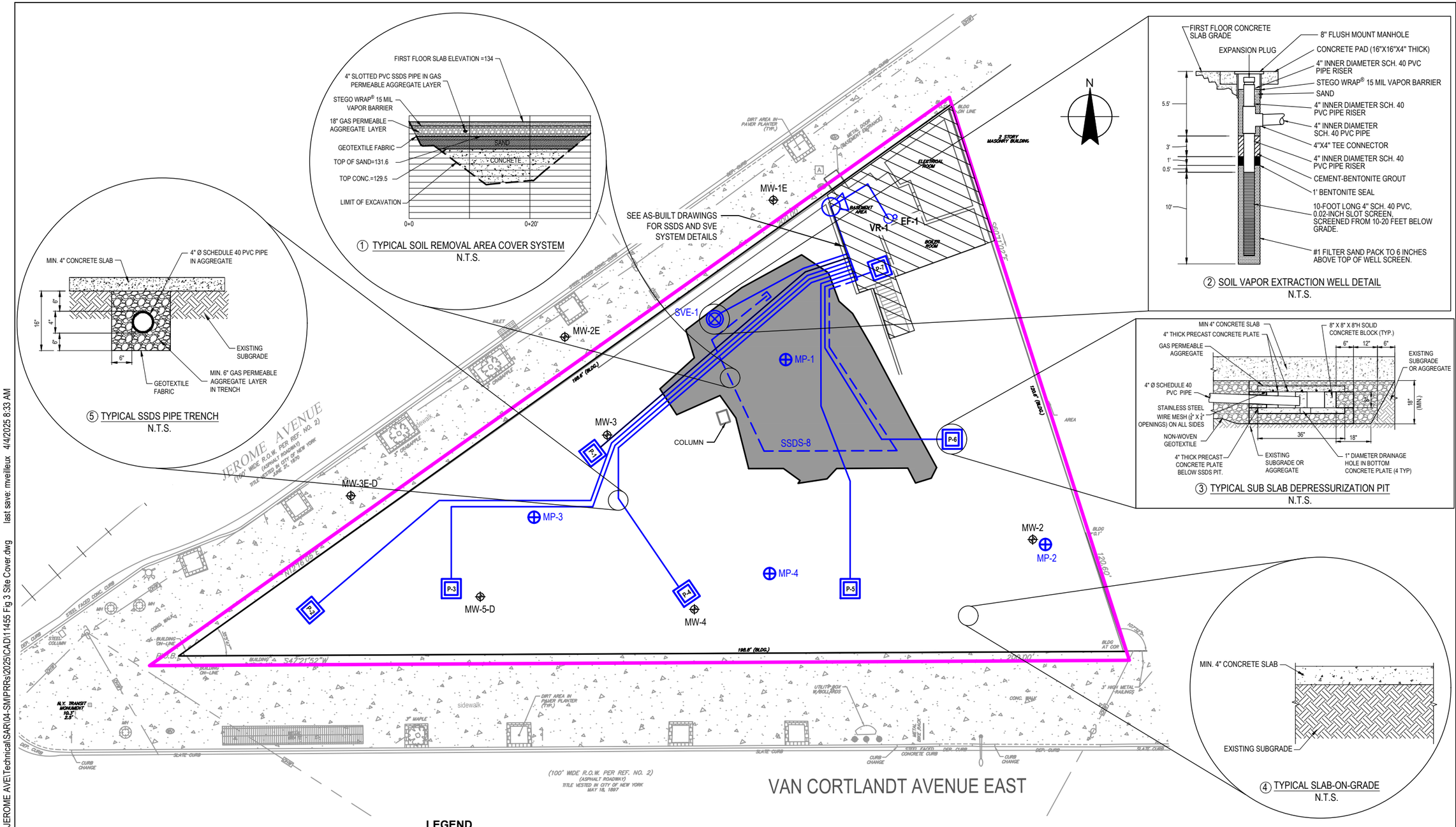
SITE PLAN AND SURROUNDING PROPERTIES

DATE
4/4/2025

PROJECT NO.
11455

FIGURE
2

©2025 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMIPRRs\2025\CAD\11455 Fig 2 Site Plan & Surrounding Properties.dwg last save: mwelleux 4/4/2025 8:34 AM



NOTES:

1. THE ENTIRE SITE (BLOCK 3323, LOT 36) IS AFFECTED BY ENGINEERING CONTROLS CONSISTING OF THE CAP (CONCRETE FLOOR SLABS AND UNDERLYING MATERIALS) AND THE SUB-SLAB DEPRESSURIZATION AND SOIL VAPOR EXTRACTION SYSTEM.
2. BASEMAP TAKEN FROM A15 (LOWER FLOOR PLAN) DATED 9/20/90 AND EXTENT OF SOIL EXCAVATION TAKEN FROM DPK CONSULTING, LLC SURVEY DATED 5/13/14.
3. ELEVATIONS SHOWN IN SOIL REMOVAL AREA ARE BASED ON THE BRONX BOROUGH DATUM.

LEGEND

- VAPOR BARRIER, GAS PERMEABLE AGGREGATE, AND CONCRETE SLAB RESTORATION ASSOCIATED WITH SOIL REMOVAL
- EXTENT OF BASEMENT
- VR-1 — 8-INCH Ø STEEL PIPE VERTICAL RISER AND IDENTIFICATION NUMBER
- EF-1 — 2-INCH Ø STEEL PIPE VERTICAL RISER AND IDENTIFICATION NUMBER
- MP-1 — SUB-SLAB MONITORING POINT
- SVE-1 — SOIL VAPOR EXTRACTION WELL
- MW-4 — GROUNDWATER MONITORING WELL
- P-1 — SUB-SLAB DEPRESSURIZATION PIT
- SSDS/SVE BLOWER
- PROJECT SITE BOUNDARY
- BUILDING LINE
- 4-INCH Ø SOLID PVC PIPE (IN SUB-SLAB TRENCHES)
- 4-INCH Ø SLOTTED PVC PIPE

0 20 40
SCALE IN FEET

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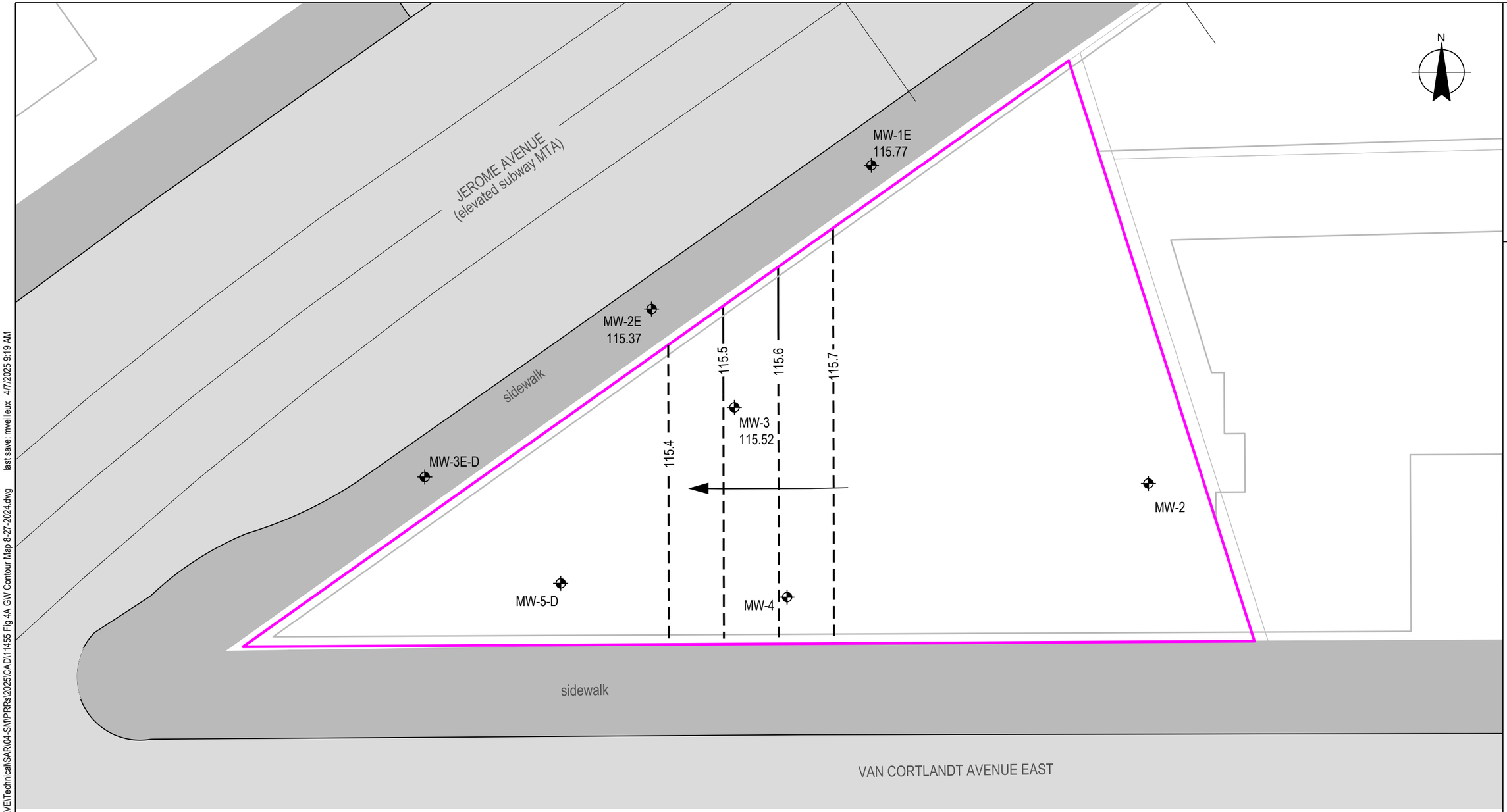
SITE COVER SYSTEM PLAN

DATE
4/4/2025

PROJECT NO.
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FIGURE
3

©2025 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2025\CAD\11455 Fig 3 Site Cover.dwg last save: mvelleux 4/4/2025 8:33 AM



Notes:

1. Elevations refer to the borough of the Bronx topographical bureau datum, which is 2.608 feet above mean sea level.
2. Locations and Elevations of the on-site monitor wells are based upon an updated January 8, 2013 Monitor Well Location Survey completed by Montrose Surveying Co., LLP., and subsequent surveying activities completed by DPK Consulting, LLC (revision dated May 13, 2014).
3. Groundwater Elevation Contours shown are based on measurements taken from the Overburden Groundwater Aquifer. Measurements from bedrock wells (MW-3E-D and MW-5-D) were not used.

LEGEND

- PROJECT SITE BOUNDARY
- MW-1E 115.59 — EXISTING MONITORING WELL LOCATION WITH WATER TABLE ELEVATION IN FEET
- 115.6 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

0 20 40
SCALE IN FEET

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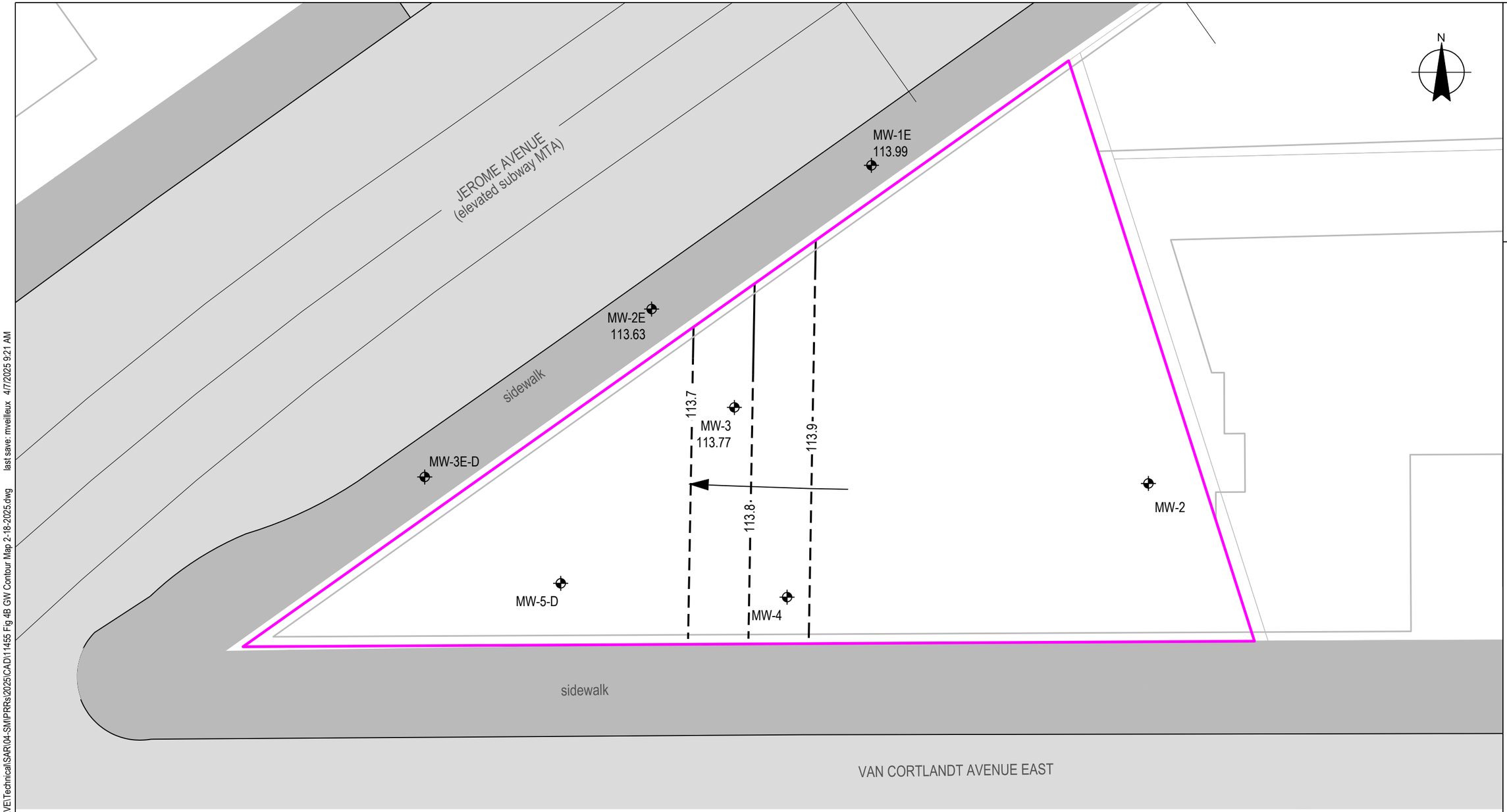
GROUNDWATER ELEVATION CONTOUR MAP - 8/27/2024

DATE
4/7/2025

PROJECT NO.
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FIGURE
4A

©2025 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2025\CAD\11455 Fig 4A GW Contour Map 8-27-2024.dwg last save: mveilleux 4/7/2025 9:19 AM



Notes:

1. Elevations refer to the borough of the Bronx topographical bureau datum, which is 2.608 feet above mean sea level.
2. Locations and Elevations of the on-site monitor wells are based upon an updated January 8, 2013 Monitor Well Location Survey completed by Montrose Surveying Co., LLP., and subsequent surveying activities completed by DPK Consulting, LLC (revision dated May 13, 2014).
3. Groundwater Elevation Contours shown are based on measurements taken from the Overburden Groundwater Aquifer. Measurements from bedrock wells (MW-3E-D and MW-5-D) were not used.

LEGEND

- PROJECT SITE BOUNDARY
- MW-1E 113.99 — EXISTING MONITORING WELL LOCATION WITH WATER TABLE ELEVATION IN FEET
- 113.7 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

0 20 40
SCALE IN FEET

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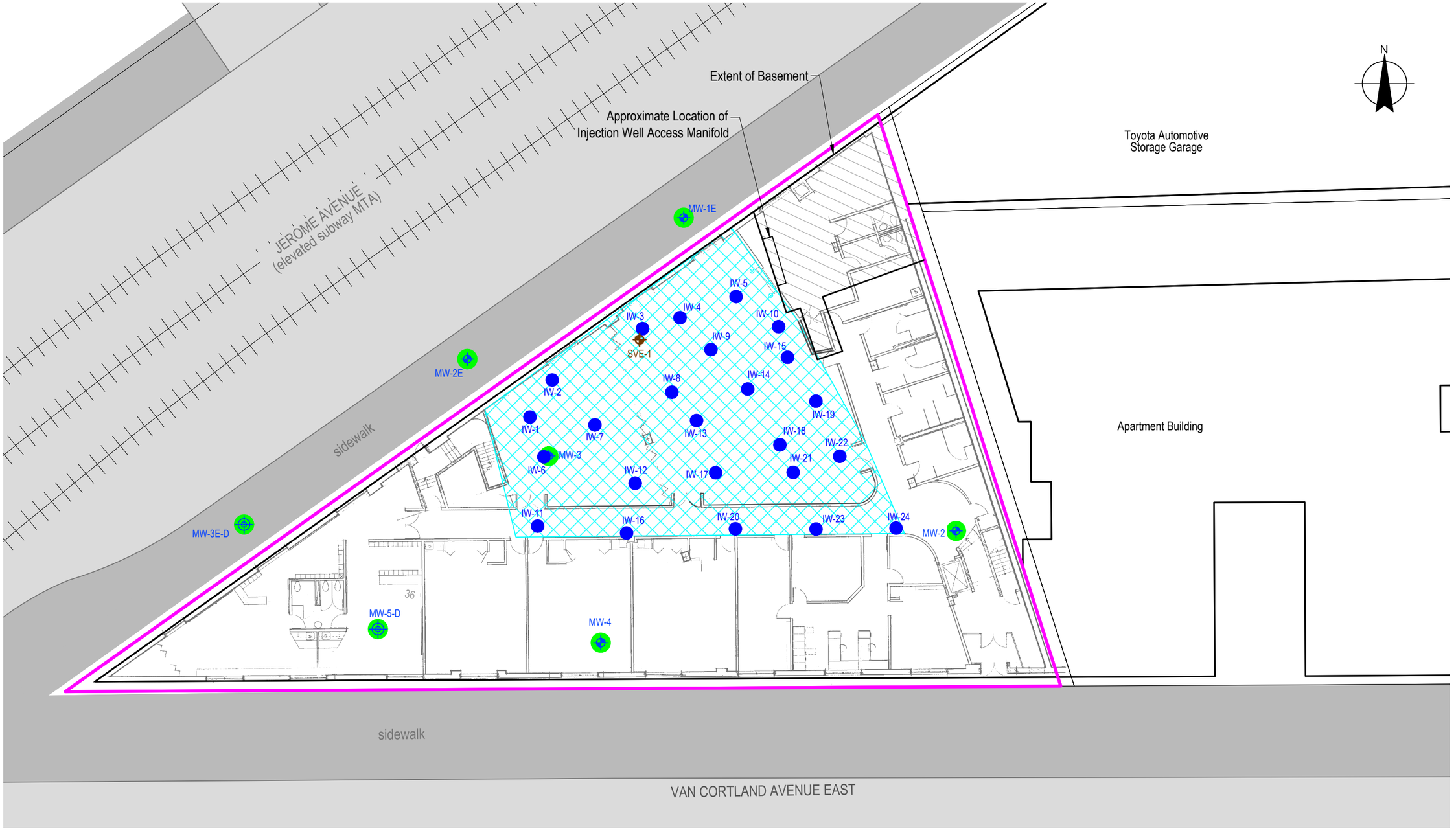
GROUNDWATER ELEVATION CONTOUR MAP - 2/18/2025

DATE
4/7/2025

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FIGURE
4B

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Note:
1. Elevations refer to the borough of the Bronx topographical bureau datum, which is 2.608 feet above mean sea level.

2. Locations and Elevations of the on-site monitor wells and injection wells are based upon an updated January 8, 2013 Monitor Well Location Survey completed by Montrose Surveying Co., LLP., and subsequent surveying activities completed by DPK Consulting, LLC (revision dated July 9, 2014).

LEGEND

- PROJECT SITE BOUNDARY
- GROUNDWATER TREATMENT AREA
- SVE-1 — SOIL VAPOR EXTRACTION WELL LOCATION
- MW-3E-D — BEDROCK MONITOR WELL LOCATION
- MW-2 — MONITORING WELL LOCATION
- IW-1 — INJECTION WELL LOCATION

0' 20' 40'
SCALE IN FEET

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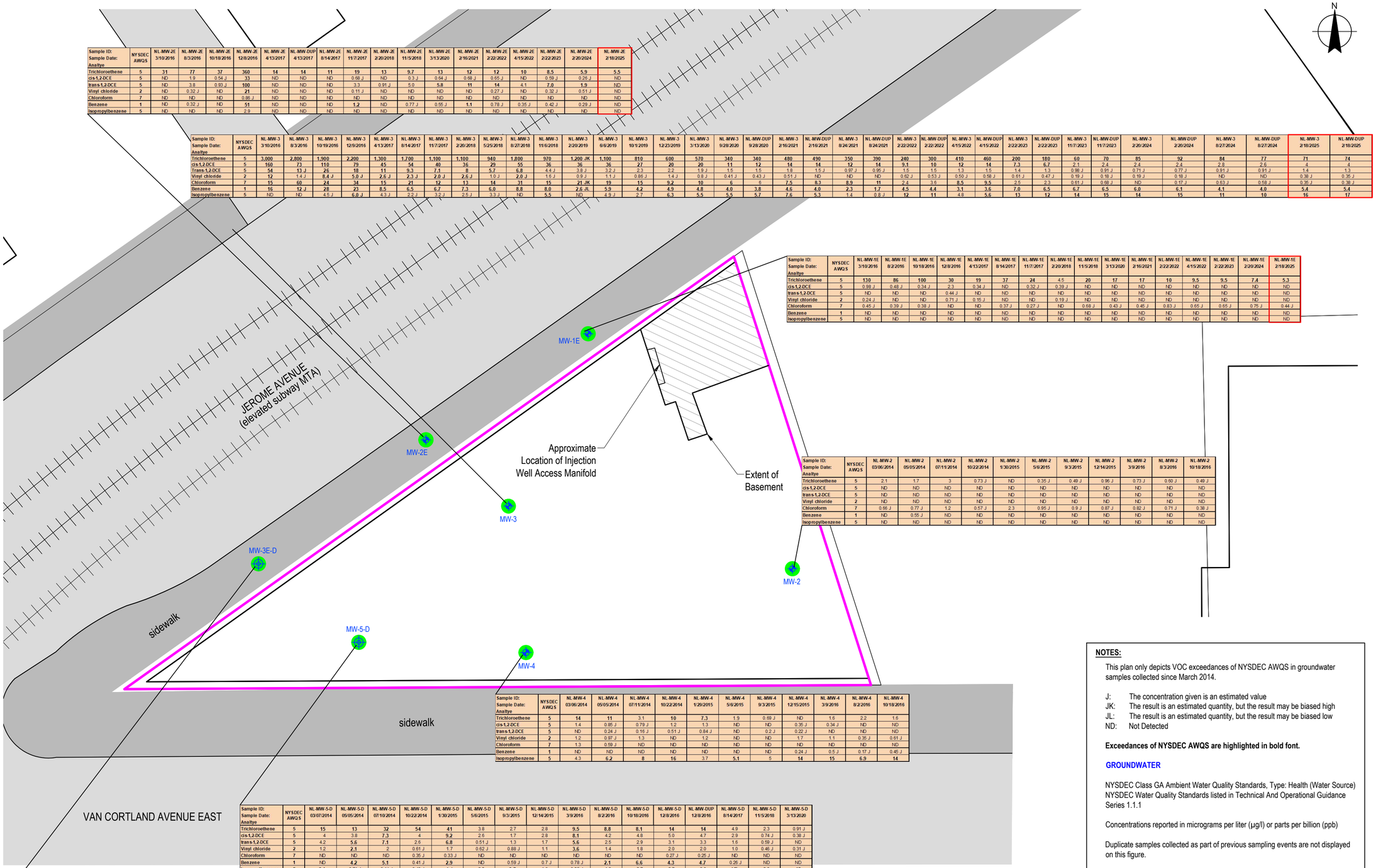
GROUNDWATER MONITORING WELL AND INJECTION POINT NETWORK

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4/4/2025

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FIGURE
5

©2021 AKRF, Inc. Environmental Consultants Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SM\PRRs\2025\CAD\11455 Fig 5 Groundwater MW and Injection Points.dwg



Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-2E 3/10/2016	NL-MW-2E 8/3/2016	NL-MW-2E 10/18/2016	NL-MW-2E 12/8/2016	NL-MW-2E 4/13/2017	NL-MW-DUP 4/13/2017	NL-MW-2E 8/14/2017	NL-MW-2E 11/7/2017	NL-MW-2E 2/20/2018	NL-MW-2E 11/5/2018	NL-MW-2E 3/13/2020	NL-MW-2E 2/16/2021	NL-MW-2E 2/22/2022	NL-MW-2E 4/15/2022	NL-MW-2E 2/22/2023	NL-MW-2E 2/20/2024	NL-MW-2E 2/18/2025
Trichloroethene	5	31	77	37	360	14	14	11	19	13	9.7	13	12	12	10	8.5	5.9	5.5
cis-1,2-DCE	5	ND	1.9	0.54 J	33	ND	ND	ND	0.68 J	ND	0.3 J	0.64 J	0.68 J	0.55 J	ND	0.59 J	0.26 J	ND
trans-1,2-DCE	5	ND	3.8	0.93 J	100	ND	ND	ND	3.3	0.91 J	5.0	5.8	11	14	4.1	7.0	1.9	ND
Vinyl chloride	2	ND	0.32 J	ND	21	ND	ND	ND	0.11 J	ND	ND	ND	ND	0.27 J	ND	0.32 J	0.51 J	ND
Chloroform	7	ND	ND	ND	0.86 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	0.32 J	ND	51	ND	ND	ND	1.2	ND	0.77 J	0.55 J	1.1	0.78 J	0.35 J	0.42 J	0.29 J	ND
Isopropylbenzene	5	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-3 3/10/2016	NL-MW-3 8/3/2016	NL-MW-3 10/19/2016	NL-MW-3 12/9/2016	NL-MW-3 4/13/2017	NL-MW-3 8/14/2017	NL-MW-3 11/7/2017	NL-MW-3 2/20/2018	NL-MW-3 5/25/2018	NL-MW-3 8/27/2018	NL-MW-3 11/6/2018	NL-MW-3 2/20/2019	NL-MW-3 6/6/2019	NL-MW-3 10/1/2019	NL-MW-3 12/23/2019	NL-MW-3 3/13/2020	NL-MW-3 9/28/2020	NL-MW-DUP 9/28/2020	NL-MW-3 2/16/2021	NL-MW-DUP 2/16/2021	NL-MW-3 8/24/2021	NL-MW-DUP 8/24/2021	NL-MW-3 2/22/2022	NL-MW-DUP 2/22/2022	NL-MW-3 4/15/2022	NL-MW-DUP 4/15/2022	NL-MW-3 2/22/2023	NL-MW-DUP 2/22/2023	NL-MW-3 11/7/2023	NL-MW-DUP 11/7/2023	NL-MW-3 2/20/2024	NL-MW-DUP 2/20/2024	NL-MW-3 8/27/2024	NL-MW-DUP 8/27/2024	NL-MW-3 2/18/2025	NL-MW-DUP 2/18/2025
Trichloroethene	5	3,000	2,800	1,900	2,200	1,300	1,700	1,100	1,100	940	1,200	970	1,200 JK	1,100	810	600	570	340	340	480	490	350	390	240	300	410	460	200	180	60	70	85	92	84	77	71	74
cis-1,2-DCE	5	160	73	110	79	45	54	40	36	29	55	36	36	36	27	20	20	11	12	14	14	12	14	9.1	10	12	14	7.3	6.7	2.1	2.4	2.4	2.4	2.8	2.6	4	4
Trans-1,2-DCE	5	54	13 J	26	18	11	9.3	7.1	8	5.7	6.8	4.4 J	3.8 J	3.2 J	2.3	2.2	1.9 J	1.5	1.5	1.8	1.5 J	0.97 J	0.95 J	1.5	1.5	1.3	1.5	1.4	1.3	0.98 J	0.91 J	0.71 J	0.77 J	0.91 J	0.91 J	1.4	1.3
Vinyl chloride	2	12	1.4 J	8.4 J	5.0 J	2.6 J	2.3 J	2.0 J	2.6 J	1.0 J	2.0 J	1.6 J	0.9 J	1.1 J	0.86 J	1.4 J	0.8 J	0.41 J	0.43 J	0.51 J	ND	ND	ND	0.62 J	0.53 J	0.50 J	0.58 J	0.61 J	0.47 J	0.19 J	0.18 J	0.19 J	0.18 J	ND	ND	0.38 J	0.35 J
Chloroform	7	15	60	24	34	15	21	12	13	14	31	15	21 JK	19	15	9.2	10	6	6	7.5	8.3	8.9	11	2.4	3.6	8.5	9.5	2.6	2.3	0.61 J	0.68 J	ND	0.17 J	0.63 J	0.58 J	0.35 J	0.38 J
Benzene	1	16	12 J	28	23	8.5	6.5	5.7	7.3	6.0	8.8	8.0	2.6 JL	5.9	4.2	4.9	4.8	4.0	3.8	4.6	4.0	2.3	1.7	4.5	4.4	3.1	3.6	7.0	6.5	5.7	6.5	6.0	6.1	4.1	4.0	5.4	5.4
Isopropylbenzene	5	ND	ND	4.5 J	6.0 J	4.3 J	2.2 J	3.2 J	2.5 J	3.3 J	ND	5.5	ND	4.9 J	2.7	6.3	5.5	5.5	5.7	7.6	5.3	1.4	0.8 J	12	11	4.8	5.6	13	12	14	15	14	15	11	10	16	17

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-1E 3/10/2016	NL-MW-1E 8/2/2016	NL-MW-1E 10/18/2016	NL-MW-1E 12/8/2016	NL-MW-1E 4/13/2017	NL-MW-1E 8/14/2017	NL-MW-1E 11/7/2017	NL-MW-1E 2/20/2018	NL-MW-1E 11/5/2018	NL-MW-1E 3/13/2020	NL-MW-1E 2/16/2021	NL-MW-1E 2/22/2022	NL-MW-1E 4/15/2022	NL-MW-1E 2/22/2023	NL-MW-1E 2/20/2024	NL-MW-1E 2/18/2025
Trichloroethene	5	130	86	100	30	19	37	24	4.5	20	17	17	10	9.5	9.5	7.4	5.3
cis-1,2-DCE	5	0.98 J	0.48 J	0.34 J	2.3	0.34 J	ND	0.32 J	0.39 J	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	5	ND	ND	ND	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	0.24 J	ND	ND	0.71 J	0.15 J	ND	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	0.45 J	0.39 J	0.38 J	ND	ND	0.37 J	0.27 J	ND	0.68 J	0.43 J	0.45 J	0.83 J	0.65 J	0.65 J	0.75 J	0.44 J
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-2 03/06/2014	NL-MW-2 05/05/2014	NL-MW-2 07/11/2014	NL-MW-2 10/22/2014	NL-MW-2 1/30/2015	NL-MW-2 5/6/2015	NL-MW-2 9/3/2015	NL-MW-2 12/14/2015	NL-MW-2 3/9/2016	NL-MW-2 8/8/2016	NL-MW-2 10/18/2016
Trichloroethene	5	2.1	1.7	3	0.73 J	ND	0.35 J	0.49 J	0.96 J	0.73 J	0.60 J	0.49 J
cis-1,2-DCE	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	0.66 J	0.77 J	1.2	0.57 J	2.3	0.95 J	0.9 J	0.87 J	0.82 J	0.71 J	0.38 J
Benzene	1	ND	0.55 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-4 03/06/2014	NL-MW-4 05/05/2014	NL-MW-4 07/11/2014	NL-MW-4 10/22/2014	NL-MW-4 1/29/2015	NL-MW-4 5/6/2015	NL-MW-4 9/3/2015	NL-MW-4 12/15/2015	NL-MW-4 3/9/2016	NL-MW-4 8/2/2016	NL-MW-4 10/18/2016
Trichloroethene	5	14	11	3.1	10	7.3	1.9	0.69 J	ND	1.6	2.2	1.6
cis-1,2-DCE	5	1.4	0.85 J	0.79 J	1.2	1.3	ND	ND	0.35 J	0.34 J	ND	ND
trans-1,2-DCE	5	ND	0.24 J	0.16 J	0.51 J	0.84 J	ND	0.2 J	0.22 J	ND	ND	ND
Vinyl chloride	2	1.2	0.97 J	1.3	ND	1.2	ND	ND	1.7	1.1	0.35 J	0.61 J
Chloroform	7	1.3	0.59 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	0.24 J	0.5 J	0.17 J	0.45 J
Isopropylbenzene	5	4.3	6.2	8	16	3.7	5.1	5	14	15	6.9	14

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-5-D 03/07/2014	NL-MW-5-D 05/05/2014	NL-MW-5-D 07/10/2014	NL-MW-5-D 10/22/2014	NL-MW-5-D 1/30/2015	NL-MW-5-D 5/6/2015	NL-MW-5-D 9/3/2015	NL-MW-5-D 12/14/2015	NL-MW-5-D 3/9/2016	NL-MW-5-D 8/2/2016	NL-MW-5-D 10/18/2016	NL-MW-5-D 12/8/2016	NL-MW-DUP 12/8/2016	NL-MW-5-D 8/14/2017	NL-MW-5-D 11/5/2018	NL-MW-5-D 3/13/2020
Trichloroethene	5	15	13	32	54	41	3.8	2.7	2.8	9.5	8.8	8.1	14	14	4.9	2.3	0.91 J
cis-1,2-DCE	5	4	3.8	7.3	4	9.2	2.6	1.7	2.8	8.1	4.2	4.8	5.0	4.7	2.9	0.74 J	0.38 J
trans-1,2-DCE	5	4.2	5.6	7.1	2.6	6.8	0.51 J	1.3	1.7	5.6	2.5	2.9	3.1	3.3	1.6	0.59 J	ND
Vinyl chloride	2	1.2	2.1	2	0.61 J	1.7	0.62 J	0.88 J	1.1	3.6	1.4	1.8	2.0	2.0	1.0	0.46 J	0.31 J
Chloroform	7	ND	ND	ND	0.35 J	0.33 J	ND	ND	ND	ND	ND	ND	0.27 J	0.25 J	ND	ND	ND
Benzene	1	ND	4.2	5.1	0.41 J	2.9	ND	0.59 J	0.7 J	0.78 J	2.1	6.6	4.3	4.7	0.26 J	ND	ND
Isopropylbenzene	5	6.1	0.71 J	0.14 J	0.40 J	1.4	2.9	9.7	1.6	0.95 J	1.3	2.7	2.7	3.0	ND	2.9	12

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-3E-D 03/05/2014	NL-MW-3E-D 05/02/2014	NL-MW-3E-D 07/10/2014	NL-MW-3E-D 10/22/2014	NL-MW-3E-D 1/29/2015	NL-MW-3E-D 5/6/2015	NL-MW-3E-D 9/3/2015	NL-MW-3E-D 12/15/2015	NL-MW-3E-D 3/9/2016	NL-MW-3E-D 8/2/2016	NL-MW-3E-D 10/18/2016	NL-MW-3E-D 12/8/2016	NL-MW-3E-D 8/14/2017	NL-MW-3E-D 11/5/2018	NL-MW-3E-D 3/13/2020
Trichloroethene	5	15	21	13	37	31	6.9	9.8	37	1.6	2.7	28	15	11	1.9	0.69 J
cis-1,2-DCE	5	13	16	2.9	47	120	3.3	5.5	32	0.61 J	1.1	13	4.3	4.9	2.1	0.76 J
trans-1,2-DCE	5	15	18	2.8	44	100	3.5	4.9	19	0.42 J	0.55 J	17	6.0	2.4	0.86 J	0.30 J
Vinyl chloride	2	1.4	3	ND	9.7	35	0.8 J	1	4.1	ND	ND	2.4	1.5	ND	ND	0.65 J
Chloroform	7	0.13 J	ND	0.22 J	ND	ND	ND	ND	ND	ND	0.29 J	ND	0.4 J	0.68 J	ND	ND
Benzene	1	0.72 J	3.6	0.15 J	8.4	14	1.5	1.9	3.7	ND	ND	9.7	6.3	0.17 J	ND	ND
Isopropylbenzene	5	0.39 J	0.39 J	ND	3.6	2.8	11	0.4 J	1.4	ND	ND	3.7	5.3	ND	ND	ND

NOTES:

This plan only depicts VOC exceedances of NYSDEC AWQS in groundwater samples collected since March 2014.

J: The concentration given is an estimated value
JK: The result is an estimated quantity, but the result may be biased high
JL: The result is an estimated quantity, but the result may be biased low
ND: Not Detected

Exceedances of NYSDEC AWQS are highlighted in bold font.

GROUNDWATER

NYSDEC Class GA Ambient Water Quality Standards, Type: Health (Water Source)
NYSDEC Water Quality Standards listed in Technical And Operational Guidance Series 1.1.1

Concentrations reported in micrograms per liter (µg/l) or parts per billion (ppb)

Duplicate samples collected as part of previous sampling events are not displayed on this figure.

Sample Date — Sample ID number

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-3 4/13/2017	NL-MW-3 8/14/2017	NL-MW-3 11/7/2017	NL-MW-3 2/20/2018	NL-MW-3 5/25/2018
Trichloroethene	5	1,300	1,700	1,100	1,100	940
cis-1,2-DCE	5	45	54	40	36	29
Trans-1,2-DCE	5	11	9.3	7.1	8	5.7

Concentrations reported in micrograms per Liter (µg/L) or parts per billion (ppb)

Latest round of groundwater monitoring results reported to NYSDEC

LEGEND

PROJECT SITE BOUNDARY
MW-3E-D BEDROCK MONITORING WELL LOCATION
MW-2 OVERBURDEN MONITORING WELL LOCATION

0 20 40
SCALE IN FEET

Notes:

1. Elevations refer to the borough of the Bronx topographical bureau datum, which is 2.608 feet above mean sea level.
2. Basemap taken from A15(Lower Floor Plan) Dated 9.20.90. Locations and Elevations of the on-site monitor wells and injection wells are based upon an updated January 8, 2013 Monitor Well Location Survey completed by Montrose Surveying Co., LLP., and subsequent surveying activities completed by DPK Consulting, LLC (revision dated July 9, 2014).

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7th Floor
New York, NY 10016
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Former Nessen Lamps Site
3200 Jerome Avenue
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POST-REMEDIATION GROUNDWATER QUALITY

DATE
4/4/2025

PROJECT NO.
11455

FIGURE
6

©2025 AKRF, Inc W:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMO&M\Quarterly Reports\2020\Q4\CAD\11455 Fig 4 GW Quality 02.2021.dwg last save: mvelleux 3/31/2021 2:57 PM

APPENDIX A

SEMI-ANNUAL GROUNDWATER AND ENGINEERING CONTROL REPORT

AKRF, Inc.
Environmental and Engineering Consultants
440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 212 213-3191
www.akrf.com

December 9, 2024

Ms. Jennifer Gonzalez
Region 2 - Division of Environmental Remediation
NYS Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: **Semi-Annual Remedial Monitoring Report**
2024-2025 Reporting Period – Report 1
Former Nessen Lamps Site
3200 Jerome Avenue, Bronx, NY
NYSDEC BCP Site No. C203061

Dear Ms. Gonzalez:

This Semi-Annual Remedial Monitoring Report has been prepared by AKRF, Inc. (AKRF) on behalf of the Rinzler Family Limited Partnership (the Volunteer) to summarize activities performed in accordance with Brownfield Cleanup Program (BCP) requirements. This report documents the most recent inspections and data collected per the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) for the Former Nessen Lamps Site located at 3200 Jerome Avenue, Bronx, New York (the Site).

The Remedial Investigation (RI) reported to NYSDEC and New York State Department of Health (NYSDOH) in 2013 confirmed that soil, groundwater, and soil vapor were contaminated with trichloroethene (TCE), and to a lesser extent, petroleum products. Shallow volatile organic compound (VOC) contaminant source areas were identified in the central portion of the Site. Remedial activities included soil removal, in-situ treatment of contaminated groundwater, construction of a site cover system, and installation of an active sub-slab depressurization and soil vapor extraction system (SSD/SVES) completed between September 2013 and October 2014. The SSD/SVES has operated continuously at the Site since November 2014. The NYSDEC's approval of AKRF's Final Engineering Report (FER) and SMP resulted in the issuance of a Certificate of Completion (COC) for the Site on December 23, 2014.

Site management activities have been completed since issuance of the COC as documented in quarterly, semi-annual, and annual report submissions with the most recent Periodic Review Report (PRR) submitted to NYSDEC in April 2024. A remedial optimization groundwater treatment event was performed in February 2022 in accordance with the NYSDEC-approved Remedial Optimization Work Plan (ROWP) via in-situ chemical oxidation (ISCO). The monitoring of groundwater conditions and the operation of vapor mitigation engineering controls have continued as required since the previous report submittal.

NYSDEC-approved operation, monitoring and sampling program reductions most recently occurred in 2022 after the Volunteer documented further decreasing and stable trends of contaminants of concern following the third treatment of groundwater with in-situ chemical oxidation (ISCO) in February 2022.

SMP Revision No. 5 (September 2022) is currently being implemented for the Site and provides the basis for this report.

The monitoring and sampling program requirements are outlined in Table T1, below:

Table T1 – Monitoring and Sampling Program Requirements

Matrix/Media	Semi-Annual Requirement	Completed as Part of this Report?	Annual Requirement	Completed as Part of this Report?
Groundwater	Groundwater gauging of NL-MW-1E, NL-MW-2E, and NL-MW-3; Sampling of NL-MW-3 for Volatile Organic Compounds (VOCs)	Yes	Gauging and Sampling of NL-MW-1E, NL-MW-2E and NL-MW-3 for VOCs	No
SSD and SVE System	Detailed SSD and SVE system inspection	Yes	Detailed SSD and SVE system inspection, System vapor sampling from NL-SVE-1, NL-IV-7, NL-IV-Total, and NL-EV-Post for VOCs	No
Cover System Integrity	N/A[*]	No	Visual Inspection of Conditions	No

The operation, maintenance, and monitoring (OM&M) activities described in this report were completed at the Site in August 2024. The OM&M activities included the following:

- One round of groundwater gauging from three groundwater monitoring wells (NL-MW-1E, NL-MW-2E, and NL-MW-3);
- One semi-annual groundwater sampling event of NL-MW-3 for VOCs;
- One semi-annual detailed inspection of the operating SSD/SVES.

[*] N/A – Not Applicable, annual requirement only.

1.0 GROUNDWATER MONITORING

1.1 Groundwater Gauging and Results

Monitoring wells MW-1E, MW-2E, and MW-3 were gauged to record water levels at the Site during the inspection performed in August 2024. Water levels were used to calculate groundwater elevations and map inferred groundwater flow at the Site. Monitoring well locations are shown on Figure 1, and the groundwater elevations for August 2024 are presented on Figure 2. Based upon the calculated groundwater elevations, the inferred groundwater flow during this monitoring event was in southerly direction, which appears to be a seasonal anomaly compared to historic monitoring events that showed the inferred groundwater flow direction to be in a generally westerly direction. The groundwater elevations and inferred groundwater flow direction will continue to be monitored during future events.

1.2 August 2024 Remedial Performance Groundwater Sampling Methodology

The 29th round of remedial performance groundwater sampling under Site management was performed at the Site in August 2024 in accordance with AKRF's NYSDEC-approved SMP, and the Quality Assurance Project Plan (QAPP).

Overburden monitoring well MW-3 was purged and sampled using low-flow methods in accordance with the SMP and the QAPP. Duplicate volume to support a blind duplicate sample was collected from monitoring well MW-3 (labeled as NL-MW-DUP). Triplicate volume to support a matrix spike/matrix spike duplicate (MS/MSD) sample was collected from monitoring well MW-3.

All groundwater samples were collected in laboratory supplied sampling containers and relinquished under proper chain-of-custody to Eurofins TestAmerica Laboratories (ETA), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, with appropriate Quality Assurance/Quality Control (QA/QC) samples and analyzed for Target Compound List (TCL) VOCs by Method 8260C.

1.3 August 2024 Groundwater Sampling Results

Groundwater sample analytical results for VOCs were compared to the NYSDEC Class GA, Type: Health (Water Source) Ambient Water Quality Standards (AWQS). Groundwater is not used as a source of potable water in the Bronx.

During the August 2024 groundwater sampling event, the groundwater elevations calculated from the measured depth to water were slightly higher in wells MW-2E and MW-1E and slightly lower in MW-3 in comparison to the previous gauging event in February 2024, as shown in Table 1. A tabulation of gauging data for the wells gauged during the semi-annual event are displayed on Graph 1 to evaluate seasonal fluctuations. The groundwater sampling data sheet documenting water quality for monitoring well MW-3 during the August 2024 sampling event is included as Appendix A.

Groundwater analytical results generated during the semi-annual sampling event are listed in Table 2 (VOCs). All VOC exceedances of AWQS and/or contaminants of concern are also presented on Figure 3 in comparison with historic sampling events.

1.3.1 Remedial Performance Results

VOC Results

Post-remediation analyte concentrations for contaminants of concern during the August 2024 groundwater sampling event are shown in Table T2, below:

Table T2
Semi-Annual Groundwater Quality

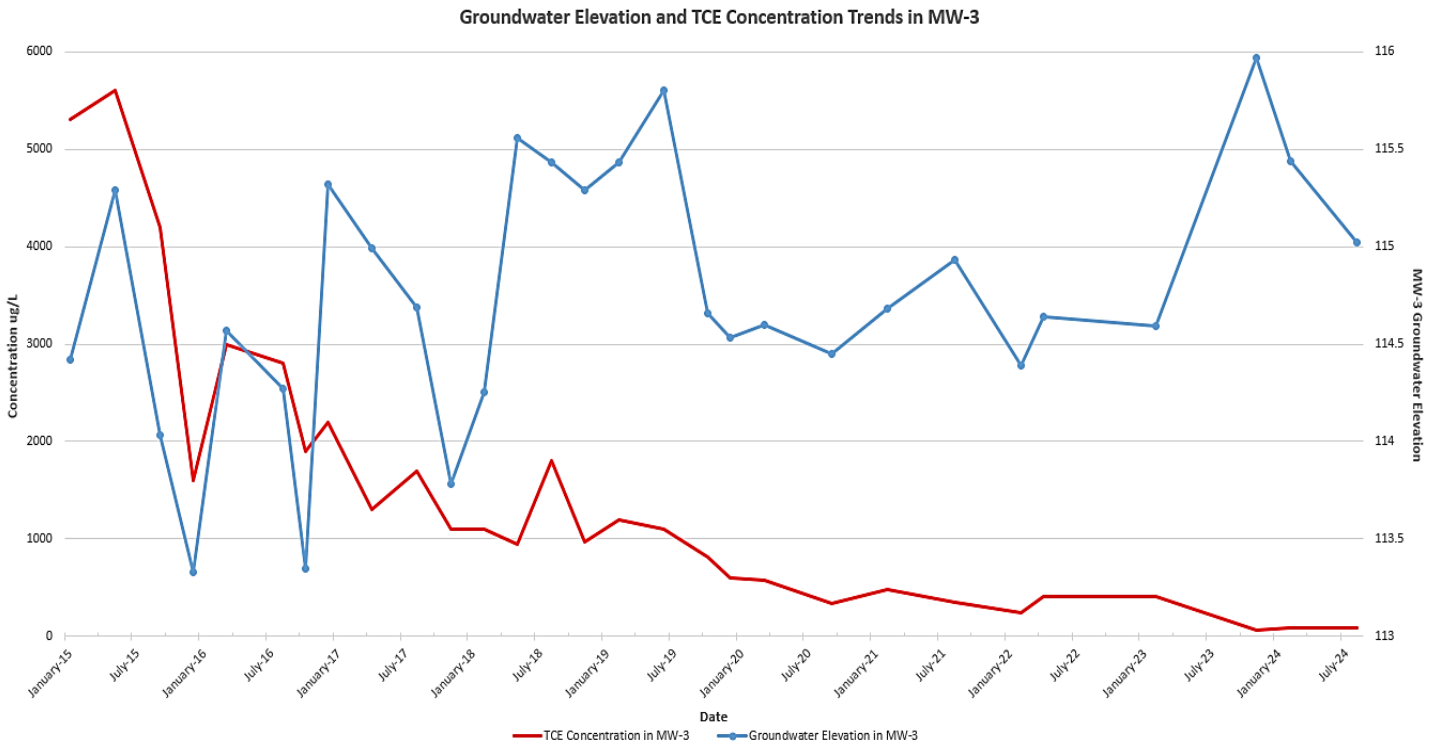
Sample ID -->	NL-MW-3	NL-MW-DUP	NYSDEC AWQS
Monitoring Well	MW-3	MW-3	
Analyte (µg/L)			
Trichloroethene	**84**	**77**	5
trans-1,2-Dichloroethene	0.91 J	0.91 J	5
cis-1,2-Dichloroethene	2.8	2.6	5
Benzene	**4.1**	**4**	1
Isopropylbenzene	**11**	**10**	5
Exceedances of NYSDEC AWQS are highlighted in bold font.			

TCE was detected in MW-3 and the blind duplicate sample "NL-MW-DUP" above the applicable AWQS of 5 micrograms per liter (µg/L) with concentrations of 84 µg/L and 77 µg/L, respectively. The petroleum-related compound benzene was detected in MW-3 and NL-MW-DUP at concentrations of 4.0 µg/L and 4.1 µg/L, respectively, above the AWQS of 1 µg/L. The petroleum-related compound isopropylbenzene was detected in MW-3 and NL-MW-DUP at concentrations of 11 µg/L and 10 µg/L, respectively, above the AWQS of 5 µg/L.

Analytical results for VOCs in groundwater samples collected in August 2024 are summarized in Table 2, and contaminants of concern are displayed in comparison to previous sampling events on Figure 3. The laboratory analytical data report is included in Appendix B, with the associated Data Usability Summary Report (DUSR) included in Appendix C.

The trends of TCE concentrations and water level elevations in groundwater monitoring well MW-3 are shown in Chart C1 on the following page. As shown on chart C1, the August 2024 sampling results indicate that TCE concentrations in groundwater continue to decrease within the former source area.

Chart C1



1.3.2 Data Usability and EQuIS EDD Submission

In accordance with DER-10 and the approved updated SMP, each of the samples collected during the completion and assessment of the monitoring activities underwent a third-party data review process to ensure the usability of the data collected. DUSRs were prepared in review of each data package referenced in this quarterly report to ensure conformance to the applicable quality assurance/quality control measures and reporting methods for the NYSDEC ASP Category B deliverable packages for all data generated in this performance evaluation program.

The NYSDEC ASP Category B deliverable data packages associated with samples collected have been confirmed to be reliable and usable in order to confirm post-remediation conditions at the Site. The DUSRs for the NYSDEC ASP Category B data packages utilized for this reporting period are included in Appendix C.

In accordance with the SMP and the BCP requirements, the analytical results associated with this reporting period has been submitted electronically via the EQuIS EDD format for inclusion in the database maintained by NYSDEC.

2.0 ENGINEERING CONTROL MONITORING

2.1 SSD/SVES Detailed Monitoring Inspection: Semi-Annual Event #1 of 2024-2025 Reporting Period

A detailed inspection of operating engineering controls was performed during this reporting period on August 27, 2024. The detailed monitoring inspection was performed in accordance with AKRF's NYSDEC-approved SMP, and the associated QAPP. The locations of the SSD/SVES components are shown on Figure 1.

The detailed inspection included the collection of individual vacuum and airflow readings from the SSDS pits, SSDS slotted pipe, and the SVE well, as well as the inspection of the blower, alarm checks, and field screening of the sample ports for total VOC concentrations using a photoionization detector (PID). During the inspections, the four sub-slab vacuum monitoring points (MP-1 through MP-4) were accessed and checked with a manometer capable of reading down to 0.001 inches of H_2O to confirm negative pressure is being extended beneath the entire first floor slab.

The following items were inspected and noted to conform to design standards or did not require additional maintenance during the completion of the Detailed Monitoring Inspections of the SSD and SVES in August 2024:

- Air flow rate in cubic feet per minute (cfm) from each of the SSD and SVE lines by a visual inspection and conversion of pitot tubes/magnehelic gauges affixed to each of the manifold legs.
- Measured vacuum readings in inches of H_2O from each of the SSD and SVE lines by a visual inspection of magnehelic gauges affixed to each of the manifold legs and the use of a manometer.
- Vacuum readings in inches of H_2O from monitoring points MP-1 through MP-4 through the manual access of each point and use of a digital manometer.
- Pre-and post-blower temperature of vapor collected by the SSD/SVES.
- Temperature of blower enclosure (confirmed to be below maximum based on absence of alarm condition).
- PID readings collected for ambient air in the first floor, ambient air in the basement, and system sample ports.
- Level of condensate collected in manifold/collection tank (none was detected and no transfer of condensate to 55-gallon drum was necessary).
- The structural integrity of exhaust stack on the roof of the Site building was confirmed.

As shown in the detailed inspection form from the August 2024 event included in Appendix D, instantaneous PID readings collected at the combined pre-blower and post-blower sample ports were 0.2 and 0.4 parts per million (ppm), respectively. These readings both slightly increased in comparison to the last inspection in February 2024, in which instantaneous PID readings at the combined pre-blower and post-blower sample ports were both 0.0 ppm. Vacuum readings were collected at monitoring points MP-1, MP-2, MP-3 and MP-4 during the detailed SSD/SVES inspections performed in accordance with the SMP. Table T3 on the next page summarizes select historic and the most recently collected vacuum readings taken at the four monitoring points during site management activities. The PID reading collected from the soil vapor extraction well at SVE-1 was measured at 2.3 ppm during the August 2024 inspection.

Table T3 – Monitoring Point (MP) Pressure Readings Summary

Monitoring Point	8-24-2021	12-28-2021	02-22-2022	04-15-2022	02-22-2023	11-07-2023	02-20-2024	08-27-2024
	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O
MP-1	-1.229	-1.110	-1.022	-1.177	-0.96	-1.218	-7.764	-1.185
MP-2	-0.183	-0.157	-0.111	-0.177	-0.130	-0.198	-0.111	-0.172
MP-3	-0.023	-0.025	-0.020	-0.022	-0.016	-0.034	-0.030	-0.028
MP-4	-0.049	-0.061	-0.028	-0.040	-0.030	-0.047	-0.016	-0.018

These readings confirmed sufficient vacuum was being maintained beneath the entire first floor building slab. The design and operating goal established in the SMP for vacuum was 0.005 inches of H_2O. Observations at the Site confirmed that conditions have been maintained at least three times beyond the typical requirement. The system has continued to operate during this period at a variable frequency drive (VFD) setting of 35 Hz to maintain adequate vacuum across the entire building slab, while optimizing energy consumption. Airflow rate calculations used to determine airflow in cubic feet per minute (CFM) were based on gauge readings. All system gauges were inspected and confirmed operations met expectations during the August 2024 inspection event.

All vacuum and airflow readings collected from basement control manifold legs SSDS-1 through SSDS-8, and SVE-1 were noted to be within or slightly above acceptable ranges as shown on the inspection form included in Appendix D. All field observations and performance evaluations readings collected during the August 2024 inspection event were recorded on the Detailed System Monitoring Inspection Form included as Appendix D.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Results Summary

Over the last 9 years and 29 sampling and inspection events, groundwater results for contaminants of concern at the Site have shown an overall decrease and remain stable at the source area. The TCE concentration in groundwater at source well NL-MW-3 during the August 2024 sampling event continued to demonstrate degradation of the primary contaminant of concern. TCE's breakdown compounds cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride concentrations were also observed to decrease or remain generally consistent in monitoring well MW-3 in comparison to the previous sampling event in February 2024. Monitoring of contaminants of concern will continue in accordance with the SMP.

Based on the most recent SSD/SVES inspection results, the SSD/SVES continues to operate as designed to remove residual TCE contamination beneath the Site, while preventing soil vapor intrusion from affecting indoor air quality within the building. No substantive issues with the SSD/SVES were identified during this period of operation. Operation, maintenance, and monitoring activities will continue as specified in the SMP.

3.2 Scheduled Activities

The next (semi-annual event #2 of the 2024-2025 reporting period) required round of monitoring and inspection will be completed at the Site in February 2025. The Periodic Review Report will be submitted concurrently with the next report, summarizing all activities performed during the 2024-2025 reporting period.

Please feel free to contact Dustin at (646) 388-9767 or Marc at (914) 922-2356 with any questions or concerns regarding ongoing operations and maintenance of the engineering controls at the Site.

Sincerely,
AKRF, Inc.





Dustin Kapson
Vice President

Marc S. Godick, LEP
Senior Vice President

cc: Jane O'Connell, Cris-Sandra Maycock, NYSDEC
Scarlett McLaughlin, NYSDOH
Jacquelyn Nealon, NYSDOH
James Rinzler, Rinzler Family Limited Partnership
Mark Jepsen, Claire Bearden, Brian Quinn, AKRF

Attachments:
Tables
Table T1 (in text) – Monitoring and Sampling Program Requirements
Table T2 (in text) – Annual Groundwater Quality
Table T3 (in text) – Monitoring Point Pressure Readings Summary
Table 1 – Groundwater Elevation Measurements
Table 2 – Groundwater Analytical Results for VOCs

Charts
Chart C1 (in text) – Groundwater Elevation and TCE Concentration Trends in MW-3

Graphs
Graph 1 – Groundwater Elevations over Time by Monitoring Well

Figures
Figure 1 – Site Cover System Plan
Figure 2 – Groundwater Elevation Contour Map (08/27/2024)
Figure 3 – Post-Remediation Groundwater Quality

Appendices
Appendix A – Groundwater Sampling Data Sheet
Appendix B – Laboratory Analytical Data Package
Appendix C – Data Usability Summary Report
Appendix D – SSD/SVES Inspection Form

TABLES

Table 1
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
Groundwater Elevations

Monitor Well ID	Top of Casing (TOC) Elevation (feet)	Water Table (feet below TOC) 2/22/2023	Groundwater Elevation (feet) 2/22/2023	Water Table (feet below TOC) 11/7/2023	Groundwater Elevation (feet) 11/7/2023	Water Table (feet below TOC) 2/20/2024	Groundwater Elevation (feet) 2/20/2024	Water Table (feet below TOC) 8/27/2024	Groundwater Elevation (feet) 8/27/2024
MW-2	133.80	NM	NM	NM	NM	NM	NM	NM	NM
MW-3	133.97	19.38	114.59	18.00	115.97	18.53	115.44	18.95	115.02
MW-4	133.94	NM	NM	NM	NM	NM	NM	NM	NM
MW-5-D	134.21	NM	NM	NM	NM	NM	NM	NM	NM
MW-1E	135.89	21.1	114.79	19.67	116.22	20.30	115.59	20.12	115.77
MW-2E	136.18	21.75	114.43	20.33	115.85	20.84	115.34	20.81	115.37
MW-3E-D	135.73	NM	NM	NM	NM	NM	NM	NM	NM

Notes:
All elevations based on surveying activities refer to the Borough of the Bronx Topographical Bureau Datum, which is 2.608 feet above mean sea level.
TOC - Top of Casing
No measurement was collected from former monitor well MW-1 as it was removed during the soil remediation completed as part of the remedy.
NM - No Measurement

Table 2
3200 Jerome Avenue
Bronx, NY
Site Management Sampling
Notes

DEFINITIONS

J : The concentration given is an estimated value.

NS : No standard.

U : The analyte was not detected at the indicated concentration.

µg/L : micrograms per liter

STANDARDS

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

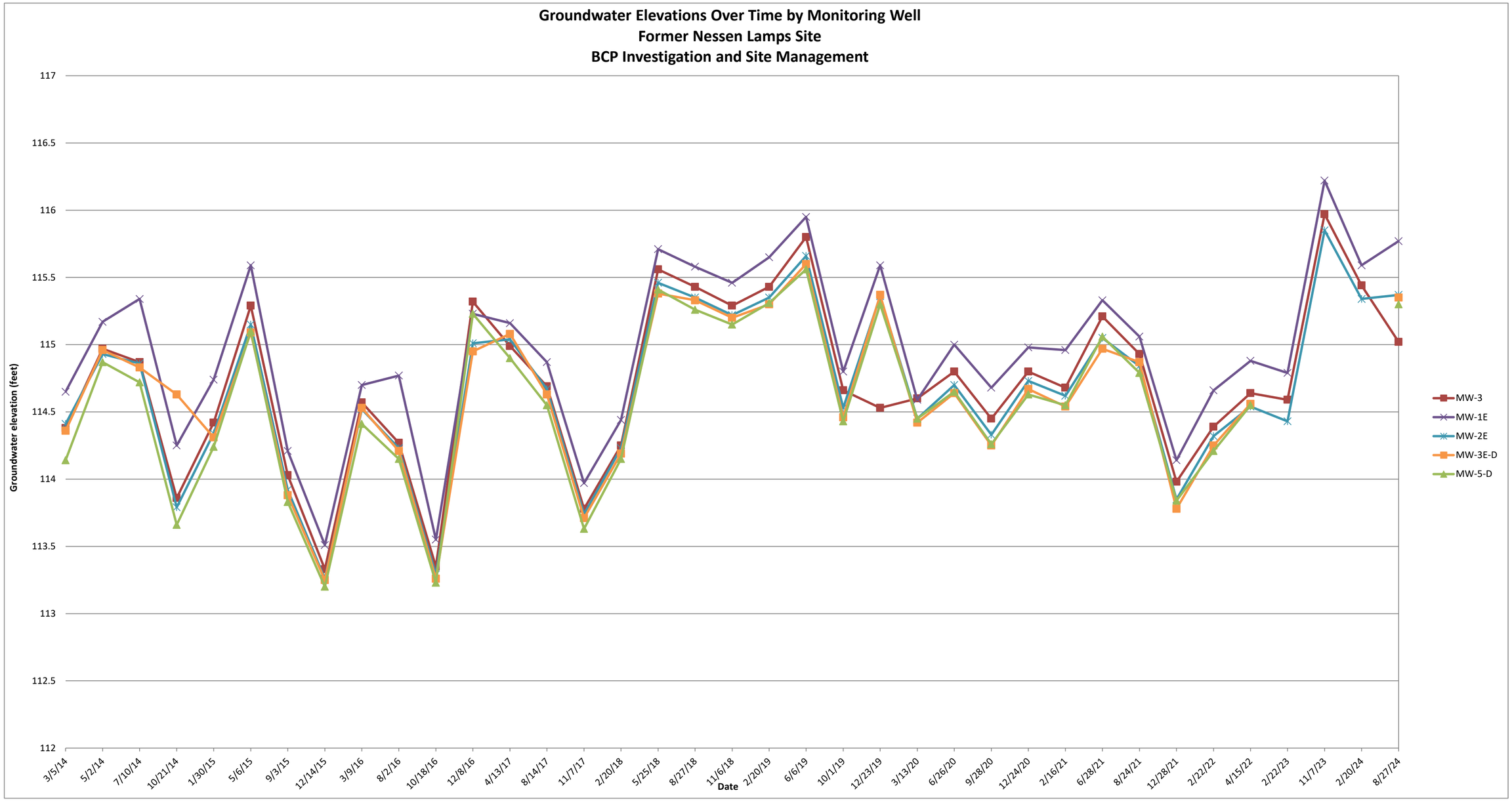
Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

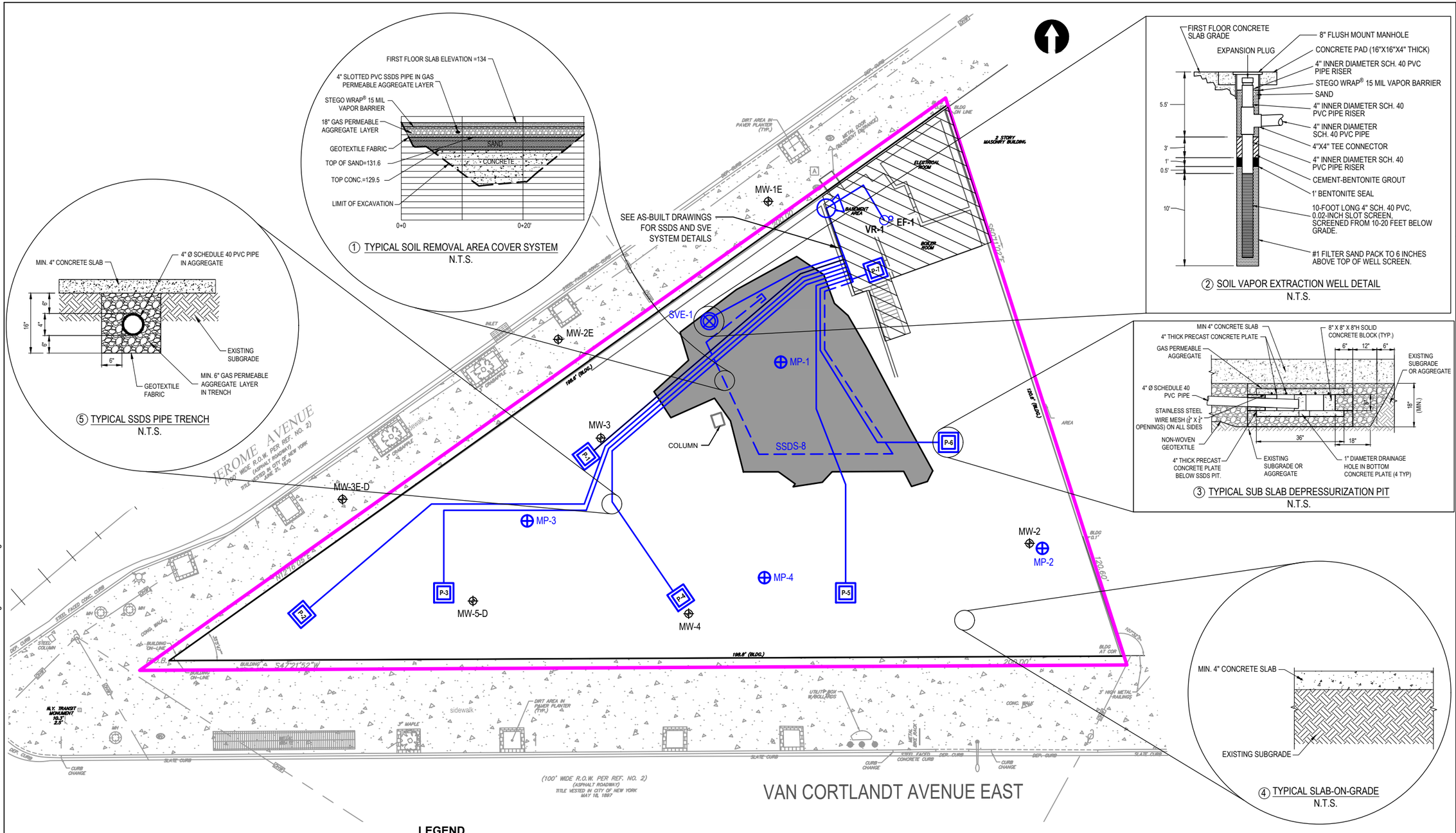
NL-MW-DUP_20240827 is a blind duplicate of sample NL-MW-03_20240827.

GRAPHS

Graph 1
Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, NY
Site Management
Historic Groundwater Elevations



FIGURES



NOTES:

1. THE ENTIRE SITE (BLOCK 3323, LOT 36) IS AFFECTED BY ENGINEERING CONTROLS CONSISTING OF THE CAP (CONCRETE FLOOR SLABS AND UNDERLYING MATERIALS) AND THE SUB-SLAB DEPRESSURIZATION AND SOIL VAPOR EXTRACTION SYSTEM.
2. BASEMAP TAKEN FROM A15 (LOWER FLOOR PLAN) DATED 9/20/90 AND EXTENT OF SOIL EXCAVATION TAKEN FROM DPK CONSULTING, LLC SURVEY DATED 5/13/14.
3. ELEVATIONS SHOWN IN SOIL REMOVAL AREA ARE BASED ON THE BRONX BOROUGH DATUM.

LEGEND

- VAPOR BARRIER, GAS PERMEABLE AGGREGATE, AND CONCRETE SLAB RESTORATION ASSOCIATED WITH SOIL REMOVAL
- EXTENT OF BASEMENT
- VR-1 — 8-INCH Ø STEEL PIPE VERTICAL RISER AND IDENTIFICATION NUMBER
- EF-1 — 2-INCH Ø STEEL PIPE VERTICAL RISER AND IDENTIFICATION NUMBER
- MP-1 — SUB-SLAB MONITORING POINT
- SVE-1 — SOIL VAPOR EXTRACTION WELL
- MW-4 — GROUNDWATER MONITORING WELL
- P-1 — SUB-SLAB DEPRESSURIZATION PIT
- SSDS/SVE BLOWER
- PROJECT SITE BOUNDARY
- BUILDING LINE
- 4-INCH Ø SOLID PVC PIPE (IN SUB-SLAB TRENCHES)
- 4-INCH Ø SLOTTED PVC PIPE

0 20 40
SCALE IN FEET

©2024 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2023\CAD\11455 Fig 1 Site Cover.dwg last save: mvelleux 2/2/2024 10:29 AM

AKRF
440 Park Avenue South, New York, NY 10016

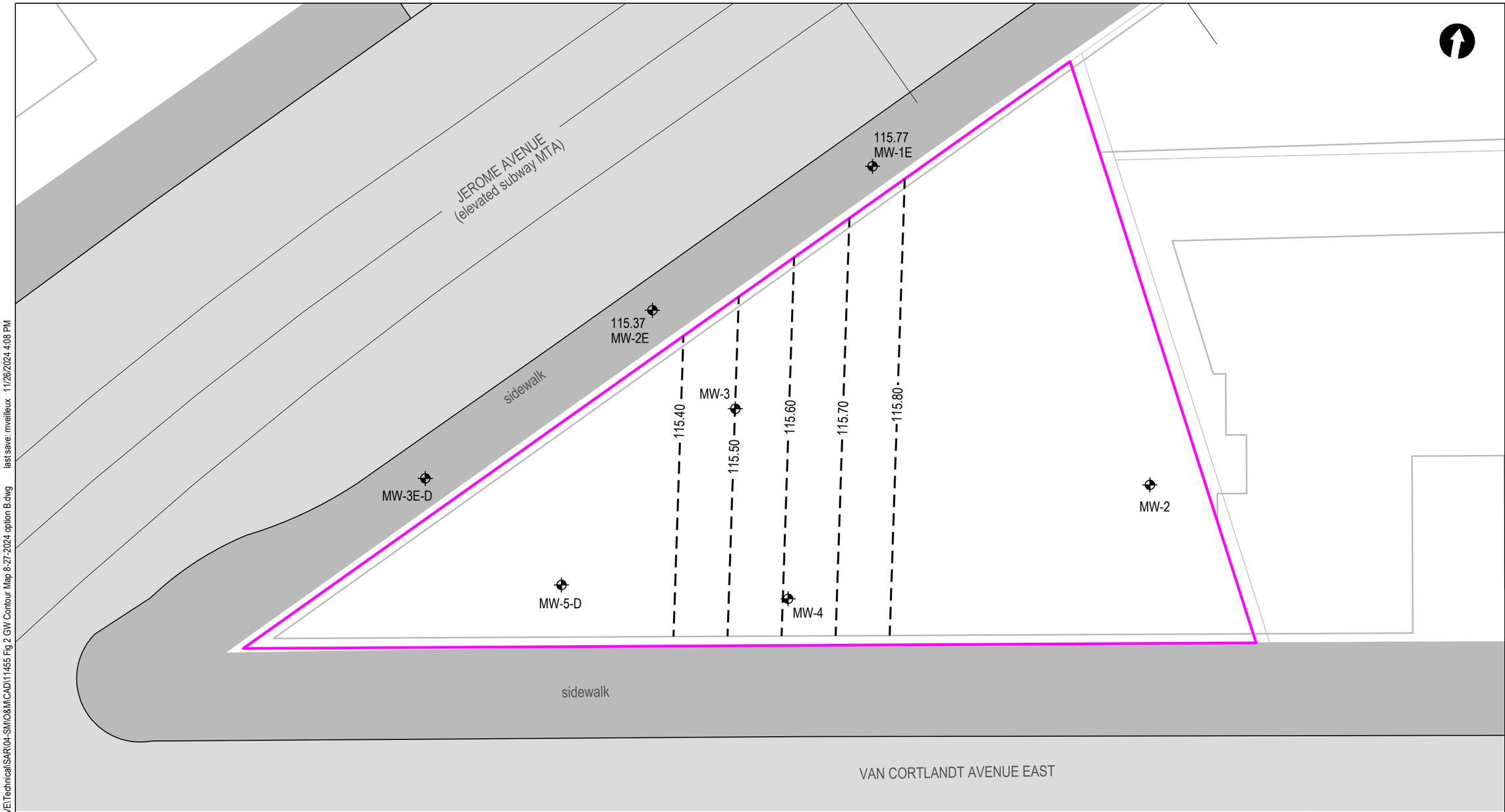
Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

SITE COVER SYSTEM PLAN

DATE
11/1/2024

PROJECT NO.
11455

FIGURE
1



Notes:

1. Elevations refer to the borough of the Bronx topographical bureau datum, which is 2.608 feet above mean sea level.
2. Locations and Elevations of the on-site monitor wells are based upon an updated January 8, 2013 Monitor Well Location Survey completed by Montrose Surveying Co., LLP., and subsequent surveying activities completed by DPK Consulting, LLC (revision dated May 13, 2014).
3. Groundwater Elevation Contours shown are based on measurements taken from the Overburden Groundwater Aquifer. Measurements from bedrock wells (MW-3E-D and MW-5-D) were not used. Measurement from MW-3 not used.

LEGEND

- PROJECT SITE BOUNDARY
- MW-2E 115.37 — EXISTING MONITORING WELL LOCATION WITH WATER TABLE ELEVATION IN FEET
- 115.40 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

0 20 40
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

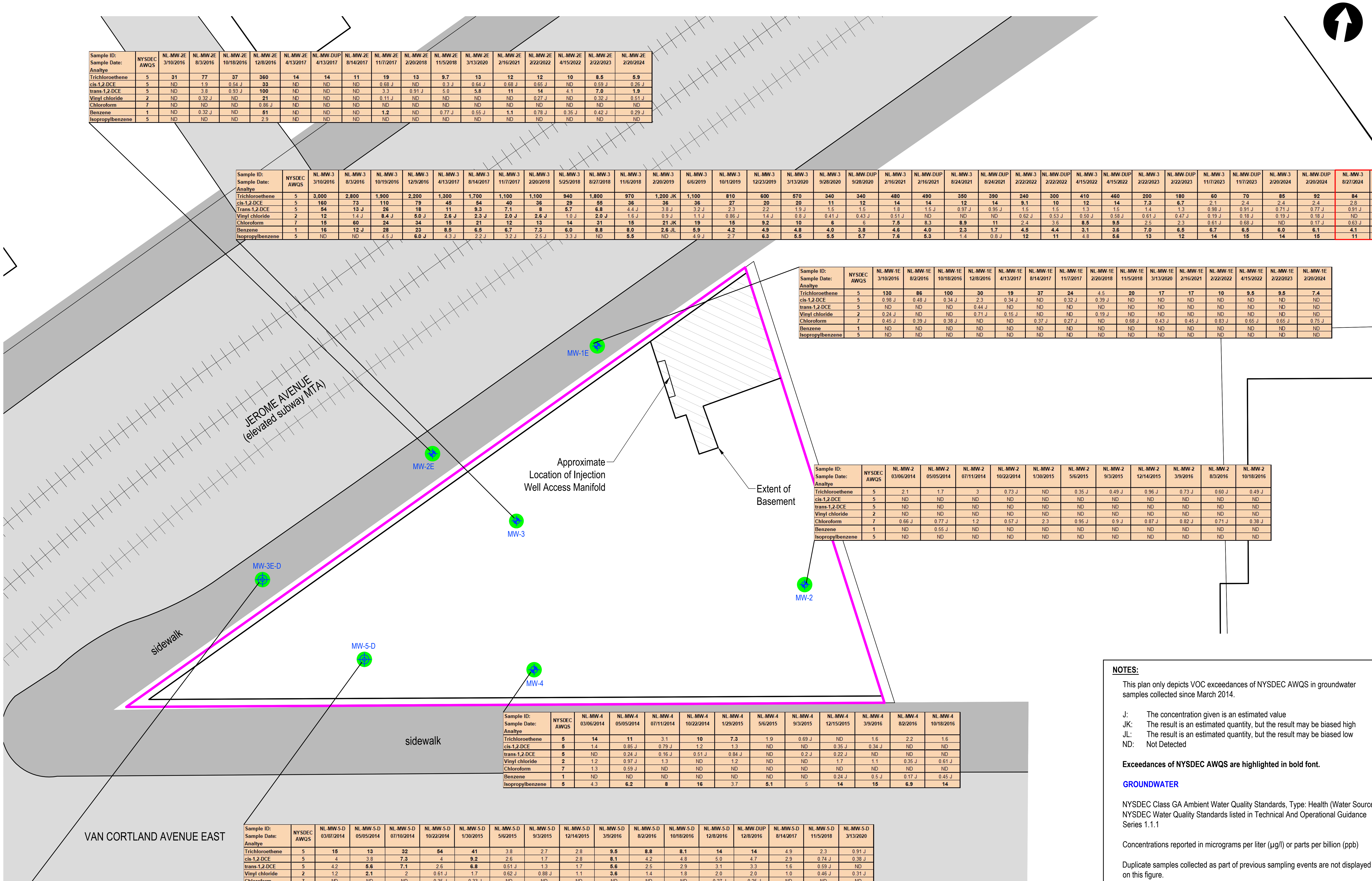
GROUNDWATER ELEVATION CONTOUR MAP - 08/27/2024

DATE
11/26/2024

PROJECT NO.
11455

FIGURE
2

©2024 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMIO&MCAD\11455 Fig 2 GW Contour Map 8-27-2024 option B.dwg last save: mveilleux 11/26/2024 4:08 PM



Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-2E 3/10/2016	NL-MW-2E 8/3/2016	NL-MW-2E 10/18/2016	NL-MW-2E 12/8/2016	NL-MW-2E 4/13/2017	NL-MW-DUP 4/13/2017	NL-MW-2E 8/14/2017	NL-MW-2E 11/7/2017	NL-MW-2E 2/20/2018	NL-MW-2E 11/5/2018	NL-MW-2E 3/13/2020	NL-MW-2E 2/16/2021	NL-MW-2E 2/22/2022	NL-MW-2E 4/15/2022	NL-MW-2E 2/22/2023	NL-MW-2E 2/20/2024
Trichloroethene	5	**31**	**77**	**37**	**360**	**14**	**14**	**11**	**19**	**13**	**9.7**	**13**	**12**	**12**	**10**	**8.5**	**5.9**
cis-1,2-DCE	5	ND	1.9	0.54 J	**33**	ND	ND	ND	0.68 J	ND	0.3 J	0.64 J	0.68 J	0.65 J	ND	0.59 J	0.26 J
trans-1,2-DCE	5	ND	3.8	0.93 J	**100**	ND	ND	ND	3.3	0.91 J	5.0	**5.8**	**11**	**14**	4.1	**7.0**	**1.9**
Vinyl chloride	2	ND	0.32 J	ND	**21**	ND	ND	ND	0.11 J	ND	ND	ND	ND	0.27 J	ND	0.32 J	0.51 J
Chloroform	7	ND	ND	ND	0.86 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	0.32 J	ND	**51**	ND	ND	ND	**1.2**	ND	0.77 J	0.55 J	**1.1**	0.78 J	0.35 J	0.42 J	0.29 J
Isopropylbenzene	5	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-3 3/10/2016	NL-MW-3 8/3/2016	NL-MW-3 10/19/2016	NL-MW-3 12/9/2016	NL-MW-3 4/13/2017	NL-MW-3 8/14/2017	NL-MW-3 11/7/2017	NL-MW-3 2/20/2018	NL-MW-3 5/25/2018	NL-MW-3 8/27/2018	NL-MW-3 11/6/2018	NL-MW-3 2/20/2019	NL-MW-3 6/6/2019	NL-MW-3 10/1/2019	NL-MW-3 12/23/2019	NL-MW-3 3/13/2020	NL-MW-3 9/28/2020
Trichloroethene	5	**3,000**	**2,800**	**1,900**	**2,200**	**1,300**	**1,700**	**1,100**	**1,100**	**940**	**1,800**	**970**	**1,200 JK**	**1,100**	**810**	**600**	**570**	**340**
cis-1,2-DCE	5	**160**	**73**	**110**	**79**	**45**	**54**	**40**	**36**	**29**	**55**	**36**	**36**	**36**	**27**	**20**	**20**	**11**
Trans-1,2-DCE	5	**54**	**13 J**	**26**	**18**	**11**	**9.3**	**7.1**	**8**	**5.7**	**6.8**	4.4 J	3.8 J	3.2 J	2.3	2.2	1.9 J	1.5
Vinyl chloride	2	**12**	1.4 J	**8.4 J**	**5.0 J**	**2.6 J**	**2.3 J**	**2.0 J**	**2.6 J**	1.0 J	**2.0 J**	1.6 J	0.9 J	1.1 J	0.86 J	1.4 J	0.8 J	0.41 J
Chloroform	7	**15**	**60**	**24**	**34**	**15**	**21**	**12**	**13**	**14**	**31**	**15**	**21 JK**	**19**	**15**	**9.2**	**10**	**6**
Benzene	1	**16**	**12 J**	**28**	**23**	**8.5**	**6.5**	**6.7**	**7.3**	**6.0**	**8.8**	**8.0**	**2.6 JL**	**5.9**	**4.2**	**4.9**	**4.8**	**4.0**
Isopropylbenzene	5	ND	ND	4.5 J	**6.0 J**	4.3 J	2.2 J	3.2 J	2.5 J	3.3 J	ND	**5.5**	ND	4.9 J	2.7	**6.3**	**5.5**	**5.5**

Sample ID: / Sample Date: / Analtye	NL-MW-DUP 9/28/2020	NL-MW-3 2/16/2021	NL-MW-DUP 2/16/2021	NL-MW-3 8/24/2021	NL-MW-DUP 8/24/2021	NL-MW-3 2/22/2022	NL-MW-DUP 2/22/2022	NL-MW-3 4/15/2022	NL-MW-DUP 4/15/2022	NL-MW-3 2/22/2023	NL-MW-DUP 2/22/2023	NL-MW-3 11/7/2023	NL-MW-DUP 11/7/2023	NL-MW-3 2/20/2024	NL-MW-DUP 2/20/2024	NL-MW-3 8/27/2024	NL-MW-DUP 8/27/2024
Trichloroethene	**340**	**480**	**490**	**350**	**390**	**240**	**300**	**410**	**460**	**200**	**180**	**60**	**70**	**85**	**92**	**84**	**77**
cis-1,2-DCE	**12**	**14**	**14**	**12**	**14**	**9.1**	**10**	**12**	**14**	**7.3**	**6.7**	2.1	2.4	2.4	2.4	2.8	2.6
Trans-1,2-DCE	1.5	1.8	1.5 J	0.97 J	0.95 J	1.5	1.5	1.3	1.5	1.4	1.3	0.98 J	0.91 J	0.71 J	0.77 J	0.91 J	0.91 J
Vinyl chloride	0.43 J	0.51 J	ND	ND	ND	0.62 J	0.53 J	0.50 J	0.58 J	0.61 J	0.47 J	0.19 J	0.18 J	0.19 J	0.18 J	ND	ND
Chloroform	6	**7.5**	8.3	**8.9**	**11**	2.4	3.6	**8.5**	**9.5**	2.5	2.3	0.61 J	0.68 J	ND	0.17 J	0.63 J	0.58 J
Benzene	**3.8**	**4.6**	**4.0**	**2.3**	**1.7**	**4.5**	**4.4**	**3.1**	**3.6**	**7.0**	**6.5**	**6.7**	**6.5**	**6.0**	**6.1**	**4.1**	**4.0**
Isopropylbenzene	**5.7**	**7.6**	**5.3**	1.4	0.8 J	**12**	**11**	4.8	**5.6**	**13**	**12**	**14**	**15**	**14**	**15**	**11**	**10**

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-1E 3/10/2016	NL-MW-1E 8/2/2016	NL-MW-1E 10/18/2016	NL-MW-1E 12/8/2016	NL-MW-1E 4/13/2017	NL-MW-1E 8/14/2017	NL-MW-1E 11/7/2017	NL-MW-1E 2/20/2018	NL-MW-1E 11/5/2018	NL-MW-1E 3/13/2020	NL-MW-1E 2/16/2021	NL-MW-1E 2/22/2022	NL-MW-1E 4/15/2022	NL-MW-1E 2/22/2023	NL-MW-1E 2/20/2024
Trichloroethene	5	**130**	**86**	**100**	**30**	**19**	**37**	**24**	4.5	**20**	**17**	**17**	**10**	**9.5**	**9.5**	**7.4**
cis-1,2-DCE	5	0.98 J	0.48 J	0.34 J	2.3	0.34 J	ND	0.32 J	0.39 J	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	5	ND	ND	ND	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	0.24 J	ND	ND	0.71 J	0.15 J	ND	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	0.45 J	0.39 J	0.38 J	ND	ND	0.37 J	0.27 J	ND	0.68 J	0.43 J	0.45 J	0.83 J	0.65 J	0.65 J	0.75 J
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-2 03/06/2014	NL-MW-2 05/05/2014	NL-MW-2 07/11/2014	NL-MW-2 10/22/2014	NL-MW-2 1/30/2015	NL-MW-2 5/6/2015	NL-MW-2 9/3/2015	NL-MW-2 12/14/2015	NL-MW-2 3/9/2016	NL-MW-2 8/3/2016	NL-MW-2 10/18/2016
Trichloroethene	5	2.1	1.7	3	0.73 J	ND	0.35 J	0.49 J	0.96 J	0.73 J	0.60 J	0.49 J
cis-1,2-DCE	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	0.66 J	0.77 J	1.2	0.57 J	2.3	0.95 J	0.9 J	0.87 J	0.82 J	0.71 J	0.38 J
Benzene	1	ND	0.55 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-4 03/06/2014	NL-MW-4 05/05/2014	NL-MW-4 07/11/2014	NL-MW-4 10/22/2014	NL-MW-4 1/29/2015	NL-MW-4 5/6/2015	NL-MW-4 9/3/2015	NL-MW-4 12/15/2015	NL-MW-4 3/9/2016	NL-MW-4 8/2/2016	NL-MW-4 10/18/2016
Trichloroethene	5	**14**	**11**	3.1	**10**	**7.3**	1.9	0.69 J	ND	1.6	2.2	1.6
cis-1,2-DCE	5	1.4	0.85 J	0.79 J	1.2	1.3	ND	ND	0.35 J	0.34 J	ND	ND
trans-1,2-DCE	5	ND	0.24 J	0.16 J	0.51 J	0.84 J	ND	0.2 J	0.22 J	ND	ND	ND
Vinyl chloride	2	1.2	0.97 J	1.3	ND	1.2	ND	ND	1.7	1.1	0.35 J	0.61 J
Chloroform	7	1.3	0.59 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	0.24 J	0.5 J	0.17 J	0.45 J
Isopropylbenzene	5	4.3	**6.2**	**8**	**16**	3.7	**5.1**	5	**14**	**15**	**6.9**	**14**

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-5-D 03/07/2014	NL-MW-5-D 05/05/2014	NL-MW-5-D 07/10/2014	NL-MW-5-D 10/22/2014	NL-MW-5-D 1/30/2015	NL-MW-5-D 5/6/2015	NL-MW-5-D 9/3/2015	NL-MW-5-D 12/14/2015	NL-MW-5-D 3/9/2016	NL-MW-5-D 8/2/2016	NL-MW-5-D 10/18/2016	NL-MW-5-D 12/8/2016	NL-MW-DUP 12/8/2016	NL-MW-5-D 8/14/2017	NL-MW-5-D 11/5/2018	NL-MW-5-D 3/13/2020
Trichloroethene	5	**15**	**13**	**32**	**54**	**41**	3.8	2.7	2.8	**9.5**	**8.8**	**8.1**	**14**	**14**	4.9	2.3	0.91 J
cis-1,2-DCE	5	4	3.8	**7.3**	4	**9.2**	2.6	1.7	2.8	**8.1**	4.2	4.8	5.0	4.7	2.9	0.74 J	0.38 J
trans-1,2-DCE	5	4.2	**5.6**	**7.1**	2.6	**6.8**	0.51 J	1.3	1.7	**5.6**	2.5	2.9	3.1	3.3	1.6	0.59 J	ND
Vinyl chloride	2	1.2	**2.1**	2	0.61 J	1.7	0.62 J	0.88 J	1.1	**3.6**	1.4	1.8	2.0	2.0	1.0	0.46 J	0.31 J
Chloroform	7	ND	ND	ND	0.35 J	0.33 J	ND	ND	ND	ND	ND	ND	0.27 J	0.25 J	ND	ND	ND
Benzene	1	ND	**4.2**	**5.1**	0.41 J	**2.9**	ND	0.59 J	0.7 J	0.78 J	**2.1**	**6.6**	**4.3**	**4.7**	0.26 J	ND	ND
Isopropylbenzene	5	**6.1**	0.71 J	0.14 J	0.40 J	1.4	2.9	**9.7**	1.6	0.95 J	1.3	2.7	2.7	3.0	ND	2.9	**12**

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-3E-D 03/05/2014	NL-MW-3E-D 05/02/2014	NL-MW-3E-D 07/10/2014	NL-MW-3E-D 10/22/2014	NL-MW-3E-D 1/29/2015	NL-MW-3E-D 5/6/2015	NL-MW-3E-D 9/3/2015	NL-MW-3E-D 12/15/2015	NL-MW-3E-D 3/9/2016	NL-MW-3E-D 8/2/2016	NL-MW-3E-D 10/18/2016	NL-MW-3E-D 12/8/2016	NL-MW-3E-D 8/14/2017	NL-MW-3E-D 11/5/2018	NL-MW-3E-D 3/13/2020
Trichloroethene	5	**15**	**21**	**13**	**37**	**31**	**6.9**	**9.8**	**37**	1.6	2.7	**28**	**15**	**11**	1.9	0.69 J
cis-1,2-DCE	5	**13**	**16**	2.9	**47**	**120**	3.3	**5.5**	**32**	0.61 J	1.1	**13**	4.3	4.9	2.1	0.76 J
trans-1,2-DCE	5	**15**	**18**	2.8	**44**	**100**	3.5	4.9	**19**	0.42 J	0.55 J	**17**	**6.0**	2.4	0.86 J	0.30 J
Vinyl chloride	2	1.4	**3**	ND	**9.7**	**35**	0.8 J	1	**4.1**	ND	ND	**2.4**	1.5	ND	ND	0.65 J
Chloroform	7	0.13 J	ND	0.22 J	ND	ND	ND	ND	ND	ND	0.29 J	ND	0.4 J	0.68 J	ND	ND
Benzene	1	0.72 J	**3.6**	0.15 J	**8.4**	**14**	**1.5**	**1.9**	**3.7**	ND	ND	**9.7**	**6.3**	0.17 J	ND	ND
Isopropylbenzene	5	0.39 J	0.39 J	ND	3.6	2.8	**11**	0.4 J	1.4	ND	ND	3.7	**5.3**	ND	ND	ND

NOTES:

This plan only depicts VOC exceedances of NYSDEC AWQS in groundwater samples collected since March 2014.

J: The concentration given is an estimated value
JK: The result is an estimated quantity, but the result may be biased high
JL: The result is an estimated quantity, but the result may be biased low
ND: Not Detected

Exceedances of NYSDEC AWQS are highlighted in bold font.

GROUNDWATER

NYSDEC Class GA Ambient Water Quality Standards, Type: Health (Water Source)
NYSDEC Water Quality Standards listed in Technical And Operational Guidance Series 1.1.1

Concentrations reported in micrograms per liter (µg/l) or parts per billion (ppb)

Duplicate samples collected as part of previous sampling events are not displayed on this figure.

Sample Date — Sample ID number

Sample ID: / Sample Date: / Analtye	NYSDEC AWQS	NL-MW-3 4/13/2017	NL-MW-3 8/14/2017	NL-MW-3 11/7/2017	NL-MW-3 2/20/2018	NL-MW-3 5/25/2018
Trichloroethene	5	1,300	1,700	1,100	1,100	940
cis-1,2-DCE	5	45	54	40	36	29
Trans-1,2-DCE	5	11	9.3	7.1	8	5.7

Concentrations reported in micrograms per Liter (µg/L) or parts per billion (ppb) — Latest round of groundwater monitoring results reported to NYSDEC

LEGEND

PROJECT SITE BOUNDARY

MW-3E-D — BEDROCK MONITORING WELL LOCATION

MW-2 — OVERBURDEN MONITORING WELL LOCATION

0 20 40
SCALE IN FEET

Notes:

1. Elevations refer to the borough of the Bronx topographical bureau datum, which is 2.608 feet above mean sea level.
2. Basemap taken from A15(Lower Floor Plan) Dated 9.20.90. Locations and Elevations of the on-site monitor wells and injection wells are based upon an updated January 8, 2013 Monitor Well Location Survey completed by Montrose Surveying Co., LLP., and subsequent surveying activities completed by DPK Consulting, LLC (revision dated July 9, 2014).

akrf
440 Park Avenue South, New York, NY 10016

Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

POST-REMEDIATION GROUNDWATER QUALITY

DATE
11/22/2024

PROJECT NO.
11455

FIGURE
3

©2024 AKRF, Inc W:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMO&M\Quarterly Reports\2020\Q4\CAD\11455 Fig 4 GW Quality 02-2021.dwg last save: mveilleux 3/31/2021 2:57 PM

APPENDIX A

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-3**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	B. Quinn		
Date:	8/27/2024	**Sampling Time:**	1415		
PID at surface:	ND				
Total Depth:	22.90 ft. below top of casing	**Water Column (WC):**	4.45 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.45 ft. below top of casing	**Well Volume*:**	0.73 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	3.25 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen:	18 ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen:	23 ft. below top of casing	**Purging Device (pump type):**			
Approx. Pump Intake:	21.00 ft. below top of casing	QED Sample Pro Bladder Pump			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:30	18.53	100	16.60	2.940	5.91	6.17	-170.8	284.60	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20240827" collected.
13:35	18.53	100	16.50	2.935	5.99	6.15	-164.1	315.67	
13:40	18.53	100	16.50	2.931	6.10	6.14	-158.9	387.41	
13:45	18.53	100	16.50	2.928	6.27	6.14	-152.3	434.36	
13:50	18.53	100	16.50	2.926	5.09	6.13	-147.6	94.60	
13:55	18.53	100	16.50	2.926	4.25	6.12	-140.2	68.26	
14:00	18.53	100	16.40	2.925	4.11	6.14	-139.4	47.34	
14:05	18.53	100	16.40	2.925	3.96	6.16	-139.1	38.26	
14:10	18.53	100	16.40	2.925	3.86	6.16	-138.8	37.40	
14:15	Sampling								
Post	18.53	100	16.4	2.921	3.70	6.16	-138.0	30	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater sample NL-MW-03_20240827 analyzed for: TCL VOCs by EPA Method 8260.

APPENDIX B

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark Jepsen
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 8/31/2024 10:10 PM

JOB DESCRIPTION

3200 Jerome Ave

JOB NUMBER

460-310268-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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

Compliance Statement

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

Authorization



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

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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave

Report Number: 460-310268-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 8/27/2024 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples NL-MW-03_20240827 (460-310268-1), NL-FB-01_20240827 (460-310268-2), NL-TB-01_20240827 (460-310268-3) and NL-MW-DUP_20240827 (460-310268-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/30/2024.

Trichloroethene failed the recovery criteria low for the MS of sample NL-MW-03_20240827MS (460-310268-1) in batch 460-993368.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-310268-1	NL-MW-03_20240827	Water	08/27/24 14:15	08/27/24 18:45
460-310268-2	NL-FB-01_20240827	Water	08/27/24 14:40	08/27/24 18:45
460-310268-3	NL-TB-01_20240827	Water	08/27/24 00:00	08/27/24 18:45
460-310268-4	NL-MW-DUP_20240827	Water	08/27/24 12:00	08/27/24 18:45

Detection Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave

Job ID: 460-310268-1

Client Sample ID: NL-MW-03_20240827 — Lab Sample ID: 460-310268-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.63	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.8		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	13		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	11		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	6.2		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.74	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.91	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	84		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: NL-FB-01_20240827 — Lab Sample ID: 460-310268-2

No Detections.

Client Sample ID: NL-TB-01_20240827 — Lab Sample ID: 460-310268-3

No Detections.

Client Sample ID: NL-MW-DUP_20240827 — Lab Sample ID: 460-310268-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.0		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.58	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.6		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	13		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	10		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	6.4		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.69	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.91	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	77		1.0	0.31	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: NL-MW-03_20240827

Date Collected: 08/27/24 14:15
Date Received: 08/27/24 18:45

Lab Sample ID: 460-310268-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 17:21	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 17:21	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 17:21	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 17:21	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 17:21	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 17:21	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 17:21	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 17:21	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 17:21	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 17:21	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 17:21	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:21	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 17:21	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 17:21	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 17:21	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 17:21	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 17:21	1
Benzene	**4.1**		1.0	0.20	ug/L			08/30/24 17:21	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 17:21	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 17:21	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 17:21	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 17:21	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 17:21	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 17:21	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:21	1
Chloroform	**0.63**	**J**	1.0	0.33	ug/L			08/30/24 17:21	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 17:21	1
cis-1,2-Dichloroethene	**2.8**		1.0	0.22	ug/L			08/30/24 17:21	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:21	1
Cyclohexane	**13**		1.0	0.32	ug/L			08/30/24 17:21	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 17:21	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 17:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 17:21	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 17:21	1
Isopropylbenzene	**11**		1.0	0.34	ug/L			08/30/24 17:21	1
Methylcyclohexane	**6.2**		1.0	0.71	ug/L			08/30/24 17:21	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 17:21	1
MTBE	**0.74**	**J**	1.0	0.22	ug/L			08/30/24 17:21	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 17:21	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 17:21	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 17:21	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			08/30/24 17:21	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:21	1
Trichloroethene	**84**		1.0	0.31	ug/L			08/30/24 17:21	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:21	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 17:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*08/30/24 17:21*	*1*

Client Sample ID: NL-MW-03_20240827
Lab Sample ID: 460-310268-1

Date Collected: 08/27/24 14:15
Matrix: Water
Date Received: 08/27/24 18:45

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Bromofluorobenzene	*102*		*76 - 120*		*08/30/24 17:21*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/30/24 17:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/30/24 17:21*	*1*

Client Sample ID: NL-FB-01_20240827
Lab Sample ID: 460-310268-2

Date Collected: 08/27/24 14:40
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 16:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 16:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 16:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 16:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 16:41	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 16:41	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 16:41	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 16:41	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 16:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 16:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 16:41	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 16:41	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 16:41	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 16:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 16:41	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 16:41	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 16:41	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 16:41	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 16:41	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 16:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 16:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 16:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 16:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 16:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 16:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 16:41	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 16:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 16:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 16:41	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 16:41	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 16:41	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 16:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 16:41	1

Client Sample ID: NL-FB-01_20240827
Lab Sample ID: 460-310268-2

Date Collected: 08/27/24 14:40
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 16:41	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 16:41	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 16:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 16:41	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 16:41	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*08/30/24 16:41*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*08/30/24 16:41*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*08/30/24 16:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/30/24 16:41*	*1*

Client Sample ID: NL-TB-01_20240827
Lab Sample ID: 460-310268-3

Date Collected: 08/27/24 00:00
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 17:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 17:01	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 17:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 17:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 17:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 17:01	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 17:01	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 17:01	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 17:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 17:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 17:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 17:01	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 17:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 17:01	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 17:01	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 17:01	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 17:01	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 17:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 17:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 17:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 17:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 17:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 17:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 17:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 17:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1

Client Sample ID: NL-TB-01_20240827
Lab Sample ID: 460-310268-3

Date Collected: 08/27/24 00:00
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 17:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 17:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 17:01	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 17:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:01	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 17:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 17:01	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 17:01	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 17:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 17:01	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 17:01	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 17:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*08/30/24 17:01*	*1*
Bromofluorobenzene	*101*		*76 - 120*		*08/30/24 17:01*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/30/24 17:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/30/24 17:01*	*1*

Client Sample ID: NL-MW-DUP_20240827
Lab Sample ID: 460-310268-4

Date Collected: 08/27/24 12:00
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 17:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 17:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 17:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 17:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 17:41	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 17:41	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 17:41	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 17:41	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 17:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 17:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 17:41	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:41	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 17:41	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 17:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 17:41	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 17:41	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 17:41	1
Benzene	**4.0**		1.0	0.20	ug/L			08/30/24 17:41	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 17:41	1

Client Sample ID: NL-MW-DUP_20240827
Lab Sample ID: 460-310268-4

Date Collected: 08/27/24 12:00
Matrix: Water

Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 17:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 17:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 17:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 17:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 17:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:41	1
Chloroform	**0.58**	**J**	1.0	0.33	ug/L			08/30/24 17:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 17:41	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.22	ug/L			08/30/24 17:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:41	1
Cyclohexane	**13**		1.0	0.32	ug/L			08/30/24 17:41	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 17:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 17:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 17:41	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 17:41	1
Isopropylbenzene	**10**		1.0	0.34	ug/L			08/30/24 17:41	1
Methylcyclohexane	**6.4**		1.0	0.71	ug/L			08/30/24 17:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 17:41	1
MTBE	**0.69**	**J**	1.0	0.22	ug/L			08/30/24 17:41	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 17:41	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 17:41	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 17:41	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			08/30/24 17:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:41	1
Trichloroethene	**77**		1.0	0.31	ug/L			08/30/24 17:41	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:41	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 17:41	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*08/30/24 17:41*	*1*
Bromofluorobenzene	*102*		*76 - 120*		*08/30/24 17:41*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*08/30/24 17:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/30/24 17:41*	*1*

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave

Job ID: 460-310268-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-310268-1	NL-MW-03_20240827	97	102	98	100
460-310268-1 MS	NL-MW-03_20240827	100	102	100	99
460-310268-1 MSD	NL-MW-03_20240827	98	100	99	98
460-310268-2	NL-FB-01_20240827	99	99	101	99
460-310268-3	NL-TB-01_20240827	100	101	100	99
460-310268-4	NL-MW-DUP_20240827	96	102	96	99
LCS 460-993368/17	Lab Control Sample	95	101	101	100
MB 460-993368/21	Method Blank	95	100	98	100

Surrogate Legend

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

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

Lab Sample ID: MB 460-993368/21
Matrix: Water
Analysis Batch: 993368

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 15:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 15:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 15:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 15:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 15:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 15:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 15:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 15:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 15:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 15:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 15:23	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 15:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 15:23	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 15:23	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 15:23	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 15:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 15:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 15:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 15:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 15:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 15:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 15:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 15:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 15:23	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 15:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 15:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 15:23	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 15:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 15:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 15:23	1

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

Lab Sample ID: MB 460-993368/21
Matrix: Water
Analysis Batch: 993368

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*08/30/24 15:23*	*1*
Bromofluorobenzene	*100*		*76 - 120*		*08/30/24 15:23*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/30/24 15:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/30/24 15:23*	*1*

Lab Sample ID: LCS 460-993368/17
Matrix: Water
Analysis Batch: 993368

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.9		ug/L		109	63 - 139
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	74 - 125
1,1-Dichloroethane	20.0	20.6		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	19.7		ug/L		99	68 - 133
1,2,4-Trichlorobenzene	20.0	22.3		ug/L		112	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.1		ug/L		105	58 - 132
1,2-Dibromoethane	20.0	20.5		ug/L		103	79 - 126
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
1,2-Dichloroethane	20.0	19.1		ug/L		96	66 - 129
1,2-Dichloropropane	20.0	21.3		ug/L		106	72 - 128
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
2-Butanone	100	97.2		ug/L		97	65 - 142
2-Hexanone	100	106		ug/L		106	72 - 134
4-Methyl-2-pentanone	100	104		ug/L		104	77 - 130
Acetone	100	96.2		ug/L		96	60 - 133
Benzene	20.0	20.4		ug/L		102	71 - 126
Bromodichloromethane	20.0	21.1		ug/L		105	76 - 121
Bromoform	20.0	22.4		ug/L		112	58 - 128
Bromomethane	20.0	19.7		ug/L		98	33 - 150
Carbon disulfide	20.0	18.4		ug/L		92	35 - 150
Carbon tetrachloride	20.0	24.0		ug/L		120	65 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 120
Chloroethane	20.0	18.5		ug/L		92	54 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	78 - 121
cis-1,3-Dichloropropene	20.0	20.3		ug/L		101	74 - 125
Cyclohexane	20.0	23.1		ug/L		115	64 - 142
Dibromochloromethane	20.0	21.8		ug/L		109	73 - 121
Dichlorodifluoromethane	20.0	18.4		ug/L		92	38 - 144
Ethylbenzene	20.0	21.1		ug/L		106	78 - 120
Freon TF	20.0	24.0		ug/L		120	65 - 142
Isopropylbenzene	20.0	24.3		ug/L		121	79 - 125
Methylcyclohexane	20.0	23.6		ug/L		118	63 - 138
Methylene Chloride	20.0	19.3		ug/L		96	74 - 127
MTBE	20.0	19.9		ug/L		100	72 - 131

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

Lab Sample ID: LCS 460-993368/17
Matrix: Water
Analysis Batch: 993368

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			20.0	22.0		ug/L		110	82 - 127		
Tetrachloroethene			20.0	21.6		ug/L		108	70 - 127		
Toluene			20.0	18.6		ug/L		93	78 - 120		
trans-1,2-Dichloroethene			20.0	20.0		ug/L		100	70 - 126		
trans-1,3-Dichloropropene			20.0	22.5		ug/L		113	71 - 127		
Trichloroethene			20.0	20.7		ug/L		103	73 - 121		
Trichlorofluoromethane			20.0	21.5		ug/L		108	62 - 134		
Vinyl chloride			20.0	21.6		ug/L		108	55 - 144		
Xylenes, Total			40.0	43.5		ug/L		109	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-310268-1 MS
Matrix: Water
Analysis Batch: 993368

Client Sample ID: NL-MW-03_20240827
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	0.24	U	20.0	21.8		ug/L		109	72 - 128		
1,1,2,2-Tetrachloroethane	0.37	U	20.0	21.9		ug/L		110	63 - 139		
1,1,2-Trichloroethane	0.20	U	20.0	21.5		ug/L		108	74 - 125		
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		104	73 - 130		
1,1-Dichloroethene	0.26	U	20.0	18.5		ug/L		92	68 - 133		
1,2,4-Trichlorobenzene	0.37	U	20.0	22.3		ug/L		112	67 - 132		
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	23.3		ug/L		117	58 - 132		
1,2-Dibromoethane	0.50	U	20.0	21.6		ug/L		108	79 - 126		
1,2-Dichlorobenzene	0.21	U	20.0	21.1		ug/L		105	80 - 120		
1,2-Dichloroethane	0.43	U	20.0	19.9		ug/L		99	66 - 129		
1,2-Dichloropropane	0.35	U	20.0	20.9		ug/L		104	72 - 128		
1,3-Dichlorobenzene	0.34	U	20.0	21.1		ug/L		106	80 - 120		
1,4-Dichlorobenzene	0.33	U	20.0	21.2		ug/L		106	80 - 120		
2-Butanone	1.9	U	100	98.5		ug/L		99	65 - 142		
2-Hexanone	1.1	U	100	119		ug/L		119	72 - 134		
4-Methyl-2-pentanone	1.3	U	100	114		ug/L		114	77 - 130		
Acetone	4.4	U	100	87.8		ug/L		88	60 - 133		
Benzene	4.1		20.0	23.3		ug/L		96	71 - 126		
Bromodichloromethane	0.34	U	20.0	20.8		ug/L		104	76 - 121		
Bromoform	0.54	U	20.0	23.8		ug/L		119	58 - 128		
Bromomethane	0.55	U	20.0	19.1		ug/L		96	33 - 150		
Carbon disulfide	0.82	U	20.0	17.4		ug/L		87	35 - 150		
Carbon tetrachloride	0.21	U	20.0	23.9		ug/L		119	65 - 131		
Chlorobenzene	0.38	U	20.0	21.1		ug/L		106	80 - 120		
Chloroethane	0.32	U	20.0	17.5		ug/L		87	54 - 150		
Chloroform	0.63	J	20.0	21.1		ug/L		102	78 - 125		
Chloromethane	0.40	U	20.0	19.1		ug/L		96	43 - 149		

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

Lab Sample ID: 460-310268-1 MS
Matrix: Water
Analysis Batch: 993368

Client Sample ID: NL-MW-03_20240827
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	2.8		20.0	21.6		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	21.4		ug/L		107	74 - 125
Cyclohexane	13		20.0	28.7		ug/L		76	64 - 142
Dibromochloromethane	0.28	U	20.0	22.4		ug/L		112	73 - 121
Dichlorodifluoromethane	0.31	U	20.0	8.48		ug/L		42	38 - 144
Ethylbenzene	0.30	U	20.0	21.3		ug/L		107	78 - 120
Freon TF	0.31	U	20.0	17.7		ug/L		88	65 - 142
Isopropylbenzene	11		20.0	31.1		ug/L		102	79 - 125
Methylcyclohexane	6.2		20.0	24.8		ug/L		93	63 - 138
Methylene Chloride	0.32	U	20.0	20.0		ug/L		100	74 - 127
MTBE	0.74	J	20.0	20.8		ug/L		100	72 - 131
Styrene	0.42	U	20.0	21.5		ug/L		107	82 - 127
Tetrachloroethene	0.25	U	20.0	21.9		ug/L		110	70 - 127
Toluene	0.38	U	20.0	18.9		ug/L		95	78 - 120
trans-1,2-Dichloroethene	0.91	J	20.0	21.0		ug/L		100	70 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	21.7		ug/L		109	71 - 127
Trichloroethene	84		20.0	98.0	*	ug/L		69	73 - 121
Trichlorofluoromethane	0.32	U	20.0	14.8		ug/L		74	62 - 134
Vinyl chloride	0.17	U	20.0	16.9		ug/L		84	55 - 144
Xylenes, Total	0.65	U	40.0	43.5		ug/L		109	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-310268-1 MSD
Matrix: Water
Analysis Batch: 993368

Client Sample ID: NL-MW-03_20240827
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	23.7		ug/L		118	72 - 128	8	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	23.7		ug/L		118	63 - 139	8	30
1,1,2-Trichloroethane	0.20	U	20.0	22.6		ug/L		113	74 - 125	5	30
1,1-Dichloroethane	0.26	U	20.0	22.0		ug/L		110	73 - 130	6	30
1,1-Dichloroethene	0.26	U	20.0	20.8		ug/L		104	68 - 133	12	30
1,2,4-Trichlorobenzene	0.37	U	20.0	24.2		ug/L		121	67 - 132	8	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	24.4		ug/L		122	58 - 132	5	30
1,2-Dibromoethane	0.50	U	20.0	22.2		ug/L		111	79 - 126	2	30
1,2-Dichlorobenzene	0.21	U	20.0	22.4		ug/L		112	80 - 120	6	30
1,2-Dichloroethane	0.43	U	20.0	20.8		ug/L		104	66 - 129	5	30
1,2-Dichloropropane	0.35	U	20.0	21.5		ug/L		107	72 - 128	3	30
1,3-Dichlorobenzene	0.34	U	20.0	21.9		ug/L		109	80 - 120	3	30
1,4-Dichlorobenzene	0.33	U	20.0	22.0		ug/L		110	80 - 120	4	30
2-Butanone	1.9	U	100	103		ug/L		103	65 - 142	5	30
2-Hexanone	1.1	U	100	126		ug/L		126	72 - 134	5	30
4-Methyl-2-pentanone	1.3	U	100	122		ug/L		122	77 - 130	7	30

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

Lab Sample ID: 460-310268-1 MSD
Client Sample ID: NL-MW-03_20240827
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 993368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	98.2		ug/L		98	60 - 133	11	30
Benzene	4.1		20.0	24.9		ug/L		104	71 - 126	7	30
Bromodichloromethane	0.34	U	20.0	21.4		ug/L		107	76 - 121	3	30
Bromoform	0.54	U	20.0	24.7		ug/L		124	58 - 128	4	30
Bromomethane	0.55	U	20.0	20.3		ug/L		101	33 - 150	6	30
Carbon disulfide	0.82	U	20.0	19.6		ug/L		98	35 - 150	12	30
Carbon tetrachloride	0.21	U	20.0	26.1		ug/L		131	65 - 131	9	30
Chlorobenzene	0.38	U	20.0	22.4		ug/L		112	80 - 120	6	30
Chloroethane	0.32	U	20.0	19.0		ug/L		95	54 - 150	8	30
Chloroform	0.63	J	20.0	22.6		ug/L		110	78 - 125	7	30
Chloromethane	0.40	U	20.0	21.8		ug/L		109	43 - 149	13	30
cis-1,2-Dichloroethene	2.8		20.0	23.7		ug/L		105	78 - 121	9	30
cis-1,3-Dichloropropene	0.22	U	20.0	22.1		ug/L		111	74 - 125	3	30
Cyclohexane	13		20.0	32.5		ug/L		95	64 - 142	12	30
Dibromochloromethane	0.28	U	20.0	24.1		ug/L		121	73 - 121	7	30
Dichlorodifluoromethane	0.31	U	20.0	9.92		ug/L		50	38 - 144	16	30
Ethylbenzene	0.30	U	20.0	22.9		ug/L		114	78 - 120	7	30
Freon TF	0.31	U	20.0	20.4		ug/L		102	65 - 142	14	30
Isopropylbenzene	11		20.0	33.1		ug/L		112	79 - 125	6	30
Methylcyclohexane	6.2		20.0	28.2		ug/L		110	63 - 138	13	30
Methylene Chloride	0.32	U	20.0	22.0		ug/L		110	74 - 127	10	30
MTBE	0.74	J	20.0	22.3		ug/L		108	72 - 131	7	30
Styrene	0.42	U	20.0	22.7		ug/L		114	82 - 127	6	30
Tetrachloroethene	0.25	U	20.0	22.8		ug/L		114	70 - 127	4	30
Toluene	0.38	U	20.0	19.9		ug/L		100	78 - 120	5	30
trans-1,2-Dichloroethene	0.91	J	20.0	22.8		ug/L		109	70 - 126	8	30
trans-1,3-Dichloropropene	0.22	U	20.0	22.7		ug/L		113	71 - 127	4	30
Trichloroethene	84		20.0	101		ug/L		86	73 - 121	3	30
Trichlorofluoromethane	0.32	U	20.0	16.6		ug/L		83	62 - 134	11	30
Vinyl chloride	0.17	U	20.0	19.4		ug/L		97	55 - 144	14	30
Xylenes, Total	0.65	U	40.0	46.3		ug/L		116	80 - 120	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

GC/MS VOA

Analysis Batch: 993368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-310268-1	NL-MW-03_20240827	Total/NA	Water	8260D	
460-310268-2	NL-FB-01_20240827	Total/NA	Water	8260D	
460-310268-3	NL-TB-01_20240827	Total/NA	Water	8260D	
460-310268-4	NL-MW-DUP_20240827	Total/NA	Water	8260D	
MB 460-993368/21	Method Blank	Total/NA	Water	8260D	
LCS 460-993368/17	Lab Control Sample	Total/NA	Water	8260D	
460-310268-1 MS	NL-MW-03_20240827	Total/NA	Water	8260D	
460-310268-1 MSD	NL-MW-03_20240827	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

Client Sample ID: NL-MW-03_20240827
Lab Sample ID: 460-310268-1
Date Collected: 08/27/24 14:15
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 17:21

Client Sample ID: NL-FB-01_20240827
Lab Sample ID: 460-310268-2
Date Collected: 08/27/24 14:40
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 16:41

Client Sample ID: NL-TB-01_20240827
Lab Sample ID: 460-310268-3
Date Collected: 08/27/24 00:00
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 17:01

Client Sample ID: NL-MW-DUP_20240827
Lab Sample ID: 460-310268-4
Date Collected: 08/27/24 12:00
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 17:41

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

Laboratory: Eurofins Edison

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

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00172	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00023	09/15/24	08/15/24	MeOH, Lot EI434-US	10 mL	7 Freons_00005	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00017	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	7 Freons_00005	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00183	08/31/24	08/13/24	MeOH, Lot EI434-US	10 mL	KetonesC SS_00016	200 uL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00024	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00029	1 mL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	Mega Mix_00041	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
ACROLEIN W_00173	09/24/24	08/24/24	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00128	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00014	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00036							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	BFB	50 ug/mL
							Bromofluorobenzene	50 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		BFB	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
Ethanol mix_00092	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	ETHANOL(new)_00024	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00583	09/03/24	08/27/24	MeOH, Lot EI434-US	10 mL	GASES SS_00027	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00027	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00477	09/05/24	08/22/24	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00600	09/03/24	08/27/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00152	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00179	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00029	1 mL	2-Butanone	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2500 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dibromoethane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Freon TF	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							MTBE	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00076	10/27/24	08/27/24	MeOH, Lot EI863-US	10 mL	8260 SURR C_00064	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00206	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00064	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00206	06/30/29		RESTEK, Lot A0212332		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

14DIOXNEAT_00004

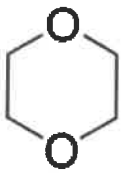
Supelco

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

2-CEVEC_00030

R2510

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0208368

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,521.0 µg/mL	+/- 31.3743

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00005

Absolute Standards, Inc.
800-368-1131
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Certified Reference Material CRM

R2518

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number:	65833	**Solvent(s):**	**Lot#**	
Lot Number:	040723	Methanol	EF282-USQ5	
Description:	Freon Standard Rev 1 7 components			
Expiration Date:	040726			
Recommended Storage:	Freezer (0 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00064

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R25193

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00206

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R2537
7/30/24 MS
1191692

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00025

R2511

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Reagent

Acrylonitrile_00010

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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

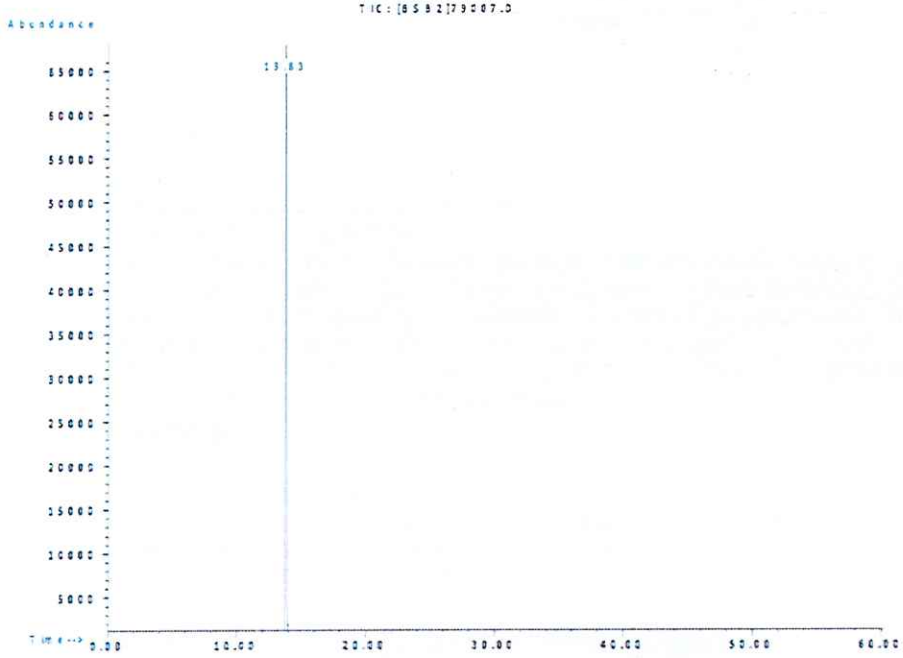
Eli Aliaga		061523
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		061523
Reviewed By:	Pedro L. Rentas	DATE

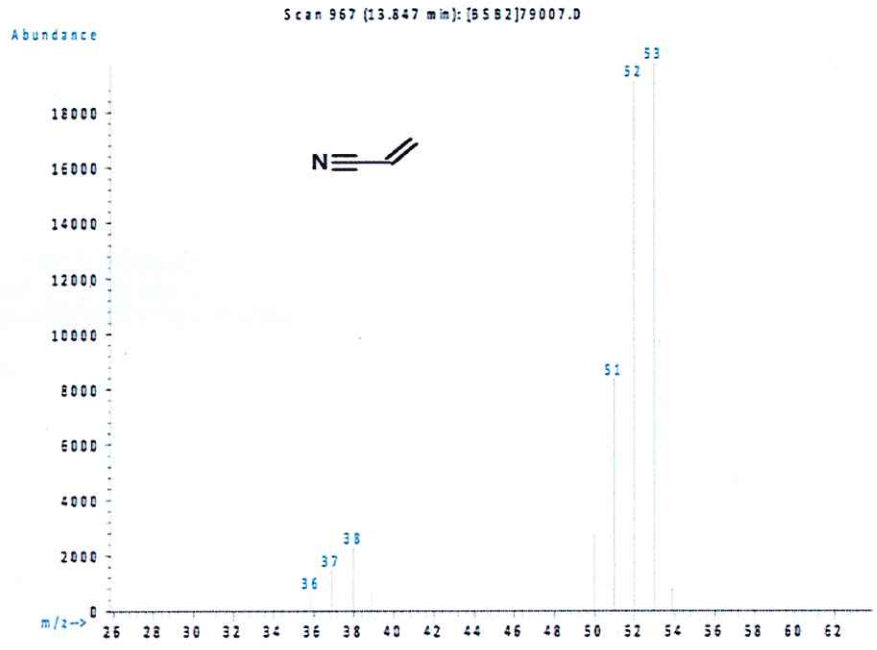
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





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- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

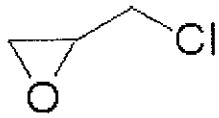
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Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00024

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R2528

MS 6/6/24 #11794800

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00023

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R2517

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

5E-05 Balance Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

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- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

GASES C_00041

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MS 6/6/24 # 11794792

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00027

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R2524

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9537
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00016

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 11/7/23 R2444 #11295656

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

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Reagent

KetonesC_00029

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R2530
MS 7/3/24 # 11859472

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00022

R2513

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 67 of 301

Reagent

LIST2/STD7_00025

R2514

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix SS_00021

R2477

RESTEK

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Reagent

Mega Mix_00041

RESTEK
110 Benner Circle
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00029

R2512

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00100

RESTEK
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Bellefonte, PA 16823-8812
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MS 5/8/24

11721736

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

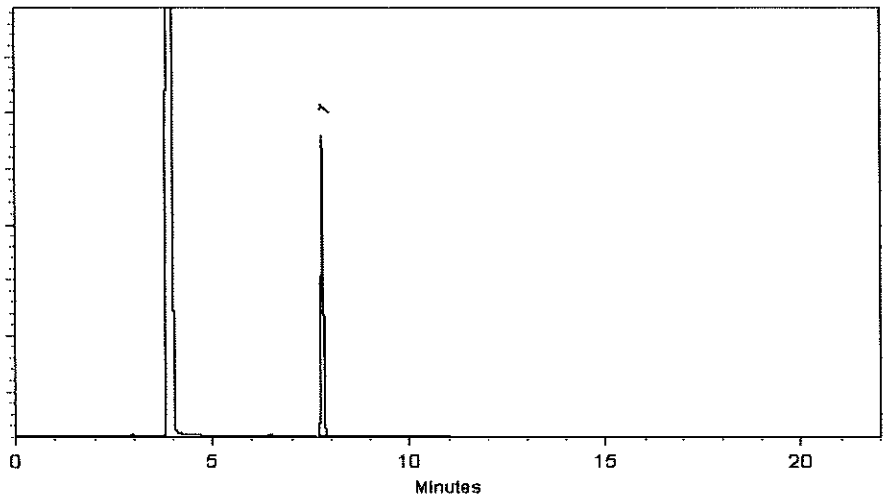
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Creighead - Mix Technician

Date Mixed: 27-Mar-2024 **Balance Serial #** B251644995

Amanda Miller - Operations Tech III - ARM QC

Date Passed: 29-Mar-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VMC21SU_00011

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CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

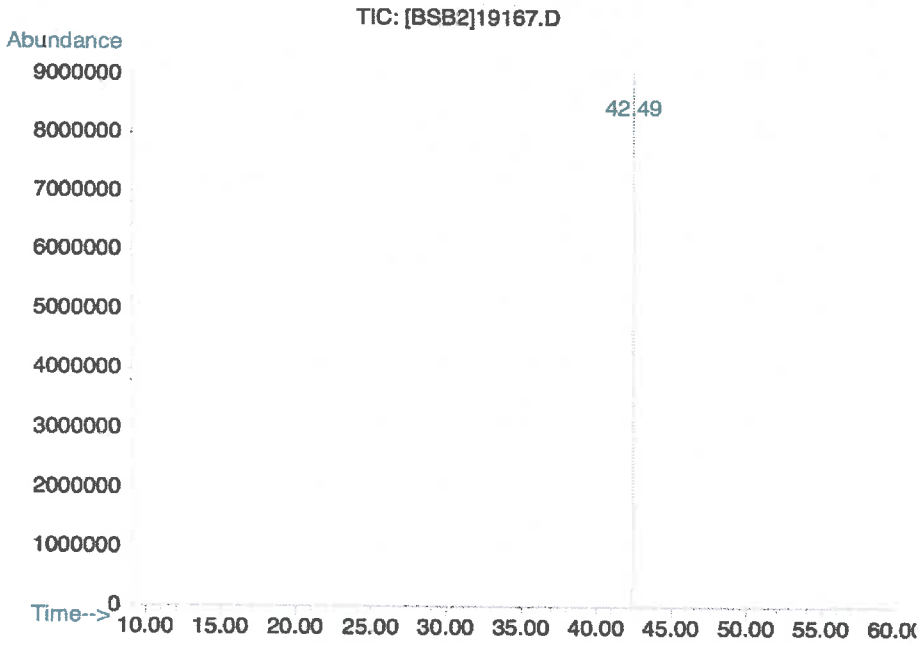
5E-05 Balance Uncertainty

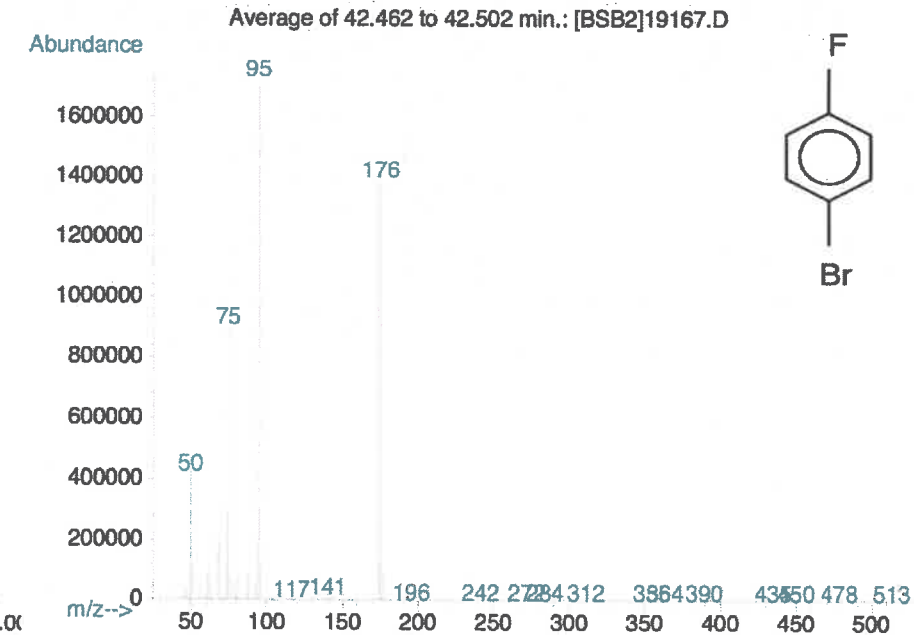
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	ori-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
NL-MW-03_20240827	460-310268-1	98	97	100	102
NL-FB-01_20240827	460-310268-2	101	99	99	99
NL-TB-01_20240827	460-310268-3	100	100	99	101
NL-MW-DUP_20240827	460-310268-4	96	96	99	102
	MB 460-993368/21	98	95	100	100
	LCS 460-993368/17	101	95	100	101
NL-MW-03_20240827 MS	460-310268-1 MS	100	100	99	102
NL-MW-03_20240827 MSD	460-310268-1 MSD	99	98	98	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84424.D

Lab ID: LCS 460-993368/17 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.9	109	63-139	
1,1,2-Trichloroethane	20.0	21.1	106	74-125	
1,1-Dichloroethane	20.0	20.6	103	73-130	
1,1-Dichloroethene	20.0	19.7	99	68-133	
1,2,4-Trichlorobenzene	20.0	22.3	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.1	105	58-132	
1,2-Dibromoethane	20.0	20.5	103	79-126	
1,2-Dichlorobenzene	20.0	20.8	104	80-120	
1,2-Dichloroethane	20.0	19.1	96	66-129	
1,2-Dichloropropane	20.0	21.3	106	72-128	
1,3-Dichlorobenzene	20.0	20.5	103	80-120	
1,4-Dichlorobenzene	20.0	21.0	105	80-120	
2-Butanone	100	97.2	97	65-142	
2-Hexanone	100	106	106	72-134	
4-Methyl-2-pentanone	100	104	104	77-130	
Acetone	100	96.2	96	60-133	
Benzene	20.0	20.4	102	71-126	
Bromodichloromethane	20.0	21.1	105	76-121	
Bromoform	20.0	22.4	112	58-128	
Bromomethane	20.0	19.7	98	33-150	
Carbon disulfide	20.0	18.4	92	35-150	
Carbon tetrachloride	20.0	24.0	120	65-131	
Chlorobenzene	20.0	21.2	106	80-120	
Chloroethane	20.0	18.5	92	54-150	
Chloroform	20.0	20.7	104	78-125	
Chloromethane	20.0	18.8	94	43-149	
cis-1,2-Dichloroethene	20.0	19.9	99	78-121	
cis-1,3-Dichloropropene	20.0	20.3	101	74-125	
Cyclohexane	20.0	23.1	115	64-142	
Dibromochloromethane	20.0	21.8	109	73-121	
Dichlorodifluoromethane	20.0	18.4	92	38-144	
Ethylbenzene	20.0	21.1	106	78-120	
Freon TF	20.0	24.0	120	65-142	
Isopropylbenzene	20.0	24.3	121	79-125	
Methylcyclohexane	20.0	23.6	118	63-138	
Methylene Chloride	20.0	19.3	96	74-127	
MTBE	20.0	19.9	100	72-131	
Styrene	20.0	22.0	110	82-127	
Tetrachloroethene	20.0	21.6	108	70-127	
Toluene	20.0	18.6	93	78-120	
trans-1,2-Dichloroethene	20.0	20.0	100	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84424.D

Lab ID: LCS 460-993368/17 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	22.5	113	71-127	
Trichloroethene	20.0	20.7	103	73-121	
Trichlorofluoromethane	20.0	21.5	108	62-134	
Vinyl chloride	20.0	21.6	108	55-144	
Xylenes, Total	40.0	43.5	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84448.D

Lab ID: 460-310268-1 MS Client ID: NL-MW-03_20240827 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	21.9	110	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	21.5	108	74-125	
1,1-Dichloroethane	20.0	0.26 U	20.7	104	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.5	92	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	22.3	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	23.3	117	58-132	
1,2-Dibromoethane	20.0	0.50 U	21.6	108	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	21.1	105	80-120	
1,2-Dichloroethane	20.0	0.43 U	19.9	99	66-129	
1,2-Dichloropropane	20.0	0.35 U	20.9	104	72-128	
1,3-Dichlorobenzene	20.0	0.34 U	21.1	106	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	21.2	106	80-120	
2-Butanone	100	1.9 U	98.5	99	65-142	
2-Hexanone	100	1.1 U	119	119	72-134	
4-Methyl-2-pentanone	100	1.3 U	114	114	77-130	
Acetone	100	4.4 U	87.8	88	60-133	
Benzene	20.0	4.1	23.3	96	71-126	
Bromodichloromethane	20.0	0.34 U	20.8	104	76-121	
Bromoform	20.0	0.54 U	23.8	119	58-128	
Bromomethane	20.0	0.55 U	19.1	96	33-150	
Carbon disulfide	20.0	0.82 U	17.4	87	35-150	
Carbon tetrachloride	20.0	0.21 U	23.9	119	65-131	
Chlorobenzene	20.0	0.38 U	21.1	106	80-120	
Chloroethane	20.0	0.32 U	17.5	87	54-150	
Chloroform	20.0	0.63 J	21.1	102	78-125	
Chloromethane	20.0	0.40 U	19.1	96	43-149	
cis-1,2-Dichloroethene	20.0	2.8	21.6	94	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	21.4	107	74-125	
Cyclohexane	20.0	13	28.7	76	64-142	
Dibromochloromethane	20.0	0.28 U	22.4	112	73-121	
Dichlorodifluoromethane	20.0	0.31 U	8.48	42	38-144	
Ethylbenzene	20.0	0.30 U	21.3	107	78-120	
Freon TF	20.0	0.31 U	17.7	88	65-142	
Isopropylbenzene	20.0	11	31.1	102	79-125	
Methylcyclohexane	20.0	6.2	24.8	93	63-138	
Methylene Chloride	20.0	0.32 U	20.0	100	74-127	
MTBE	20.0	0.74 J	20.8	100	72-131	
Styrene	20.0	0.42 U	21.5	107	82-127	
Tetrachloroethene	20.0	0.25 U	21.9	110	70-127	
Toluene	20.0	0.38 U	18.9	95	78-120	
trans-1,2-Dichloroethene	20.0	0.91 J	21.0	100	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84448.D

Lab ID: 460-310268-1 MS Client ID: NL-MW-03_20240827 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	0.22 U	21.7	109	71-127	
Trichloroethene	20.0	84	98.0	69	73-121	*
Trichlorofluoromethane	20.0	0.32 U	14.8	74	62-134	
Vinyl chloride	20.0	0.17 U	16.9	84	55-144	
Xylenes, Total	40.0	0.65 U	43.5	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84449.D

Lab ID: 460-310268-1 MSD Client ID: NL-MW-03_20240827 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.7	118	8	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	23.7	118	8	30	63-139	
1,1,2-Trichloroethane	20.0	22.6	113	5	30	74-125	
1,1-Dichloroethane	20.0	22.0	110	6	30	73-130	
1,1-Dichloroethene	20.0	20.8	104	12	30	68-133	
1,2,4-Trichlorobenzene	20.0	24.2	121	8	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	24.4	122	5	30	58-132	
1,2-Dibromoethane	20.0	22.2	111	2	30	79-126	
1,2-Dichlorobenzene	20.0	22.4	112	6	30	80-120	
1,2-Dichloroethane	20.0	20.8	104	5	30	66-129	
1,2-Dichloropropane	20.0	21.5	107	3	30	72-128	
1,3-Dichlorobenzene	20.0	21.9	109	3	30	80-120	
1,4-Dichlorobenzene	20.0	22.0	110	4	30	80-120	
2-Butanone	100	103	103	5	30	65-142	
2-Hexanone	100	126	126	5	30	72-134	
4-Methyl-2-pentanone	100	122	122	7	30	77-130	
Acetone	100	98.2	98	11	30	60-133	
Benzene	20.0	24.9	104	7	30	71-126	
Bromodichloromethane	20.0	21.4	107	3	30	76-121	
Bromoform	20.0	24.7	124	4	30	58-128	
Bromomethane	20.0	20.3	101	6	30	33-150	
Carbon disulfide	20.0	19.6	98	12	30	35-150	
Carbon tetrachloride	20.0	26.1	131	9	30	65-131	
Chlorobenzene	20.0	22.4	112	6	30	80-120	
Chloroethane	20.0	19.0	95	8	30	54-150	
Chloroform	20.0	22.6	110	7	30	78-125	
Chloromethane	20.0	21.8	109	13	30	43-149	
cis-1,2-Dichloroethene	20.0	23.7	105	9	30	78-121	
cis-1,3-Dichloropropene	20.0	22.1	111	3	30	74-125	
Cyclohexane	20.0	32.5	95	12	30	64-142	
Dibromochloromethane	20.0	24.1	121	7	30	73-121	
Dichlorodifluoromethane	20.0	9.92	50	16	30	38-144	
Ethylbenzene	20.0	22.9	114	7	30	78-120	
Freon TF	20.0	20.4	102	14	30	65-142	
Isopropylbenzene	20.0	33.1	112	6	30	79-125	
Methylcyclohexane	20.0	28.2	110	13	30	63-138	
Methylene Chloride	20.0	22.0	110	10	30	74-127	
MTBE	20.0	22.3	108	7	30	72-131	
Styrene	20.0	22.7	114	6	30	82-127	
Tetrachloroethene	20.0	22.8	114	4	30	70-127	
Toluene	20.0	19.9	100	5	30	78-120	
trans-1,2-Dichloroethene	20.0	22.8	109	8	30	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84449.D

Lab ID: 460-310268-1 MSD Client ID: NL-MW-03_20240827 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	22.7	113	4	30	71-127	
Trichloroethene	20.0	101	86	3	30	73-121	
Trichlorofluoromethane	20.0	16.6	83	11	30	62-134	
Vinyl chloride	20.0	19.4	97	14	30	55-144	
Xylenes, Total	40.0	46.3	116	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab File ID: TT84428.D Lab Sample ID: MB 460-993368/21

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 08/30/2024 15:23

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-993368/17	TT84424.D	08/30/2024 14:05
NL-FB-01_20240827	460-310268-2	TT84432.D	08/30/2024 16:41
NL-TB-01_20240827	460-310268-3	TT84433.D	08/30/2024 17:01
NL-MW-03_20240827	460-310268-1	TT84434.D	08/30/2024 17:21
NL-MW-DUP_20240827	460-310268-4	TT84435.D	08/30/2024 17:41
NL-MW-03_20240827 MS	460-310268-1 MS	TT84448.D	08/30/2024 21:56
NL-MW-03_20240827 MSD	460-310268-1 MSD	TT84449.D	08/30/2024 22:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab File ID: TT84408.D BFB Injection Date: 08/30/2024

Instrument ID: CVOAMS17 BFB Injection Time: 07:27

Analysis Batch No.: 993368

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	124.1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	80.6
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	93.7
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-993368/3	TT84410.D	08/30/2024	8:07
	STD05 460-993368/4	TT84411.D	08/30/2024	8:26
	STD1 460-993368/5	TT84412.D	08/30/2024	8:46
	STD5 460-993368/6	TT84413.D	08/30/2024	9:05
	STD20 460-993368/7	TT84414.D	08/30/2024	9:25
	STD50 460-993368/8	TT84415.D	08/30/2024	9:45
	STD200 460-993368/9	TT84416.D	08/30/2024	10:04
	STD500 460-993368/10	TT84417.D	08/30/2024	10:24
	ICV 460-993368/15	TT84422.D	08/30/2024	13:25
	LCS 460-993368/17	TT84424.D	08/30/2024	14:05
	MB 460-993368/21	TT84428.D	08/30/2024	15:23
NL-FB-01_20240827	460-310268-2	TT84432.D	08/30/2024	16:41
NL-TB-01_20240827	460-310268-3	TT84433.D	08/30/2024	17:01
NL-MW-03_20240827	460-310268-1	TT84434.D	08/30/2024	17:21
NL-MW-DUP_20240827	460-310268-4	TT84435.D	08/30/2024	17:41
NL-MW-03_20240827 MS	460-310268-1 MS	TT84448.D	08/30/2024	21:56
NL-MW-03_20240827 MSD	460-310268-1 MSD	TT84449.D	08/30/2024	22:16

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		46509	2.83	409216	3.83	750665	4.89
UPPER LIMIT		93018	3.33	818432	4.33	1501330	5.39
LOWER LIMIT		23255	2.33	204608	3.33	375333	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		59584	2.83	459314	3.83	844651	4.89
LCS 460-993368/17		61429	2.84	449746	3.84	837875	4.89
MB 460-993368/21		53443	2.83	444289	3.84	843632	4.89
460-310268-2	NL-FB-01_20240827	53316	2.83	424231	3.84	783035	4.89
460-310268-3	NL-TB-01_20240827	52106	2.84	421423	3.84	769969	4.89
460-310268-1	NL-MW-03_20240827	53886	2.83	410585	3.83	782487	4.89
460-310268-4	NL-MW-DUP_20240827	58413	2.84	431636	3.84	816548	4.89
460-310268-1 MS	NL-MW-03_20240827 MS	58579	2.83	432842	3.84	787406	4.89
460-310268-1 MSD	NL-MW-03_20240827 MSD	56849	2.83	410388	3.83	756995	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34687	5.56	533106	8.26	297836	10.92
UPPER LIMIT		69374	6.06	1066212	8.76	595672	11.42
LOWER LIMIT		17344	5.06	266553	7.76	148918	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		41999	5.56	589203	8.26	325553	10.92
LCS 460-993368/17		40661	5.56	589561	8.27	331042	10.92
MB 460-993368/21		40433	5.56	589412	8.27	321716	10.93
460-310268-2	NL-FB-01_20240827	37876	5.56	568255	8.27	311866	10.93
460-310268-3	NL-TB-01_20240827	38618	5.56	551486	8.27	307473	10.92
460-310268-1	NL-MW-03_20240827	38255	5.56	534592	8.26	299707	10.92
460-310268-4	NL-MW-DUP_20240827	39944	5.57	556705	8.27	316951	10.92
460-310268-1 MS	NL-MW-03_20240827 MS	37750	5.56	559048	8.27	315775	10.92
460-310268-1 MSD	NL-MW-03_20240827 MSD	37425	5.56	534723	8.26	303858	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.1		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.63	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	11		1.0	0.34
108-87-2	Methylcyclohexane	6.2		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.74	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	84		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D
Lims ID: 460-310268-A-1
Client ID: NL-MW-03_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:21:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1
Misc. Info.: 460-0180260-027
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:22:31 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:39:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	53886	1000.0	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	33	8422	0.7385	a
34 trans-1,2-Dichloroethene	96	3.003	3.009	-0.006	93	3635	0.9146	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	410585	250.0	
44 cis-1,2-Dichloroethene	96	3.869	3.868	0.001	95	12415	2.76	
52 Chloroform	83	4.143	4.143	0.000	93	4140	0.6307	
53 Cyclohexane	84	4.271	4.271	0.000	92	68056	13.4	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	185170	48.9	
60 Benzene	78	4.606	4.612	-0.006	96	64431	4.13	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	217236	48.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	99	782487	50.0	
68 Trichloroethene	95	5.228	5.228	0.000	98	312237	84.1	
69 Methylcyclohexane	83	5.350	5.356	-0.006	90	36178	6.23	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38255	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	718159	50.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	534592	50.0	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	157103	10.7	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	94	229596	51.1	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	56278	2.91	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	20344	1.81	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	91254	5.34	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	299707	50.0	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	83	8298	0.5752	
126 p-Diethylbenzene	119	11.215	11.214	0.001	94	12187	1.30	
127 n-Butylbenzene	92	11.239	11.239	0.000	95	2818	0.3515	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	91	4557	0.3114	
S 136 1,2-Dichloroethene, Total	100				0		3.67	
S 140 Total BTEX	1				0		4.13	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date: 30-Aug-2024 17:21:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 Lab Sample ID: 460-310268-1

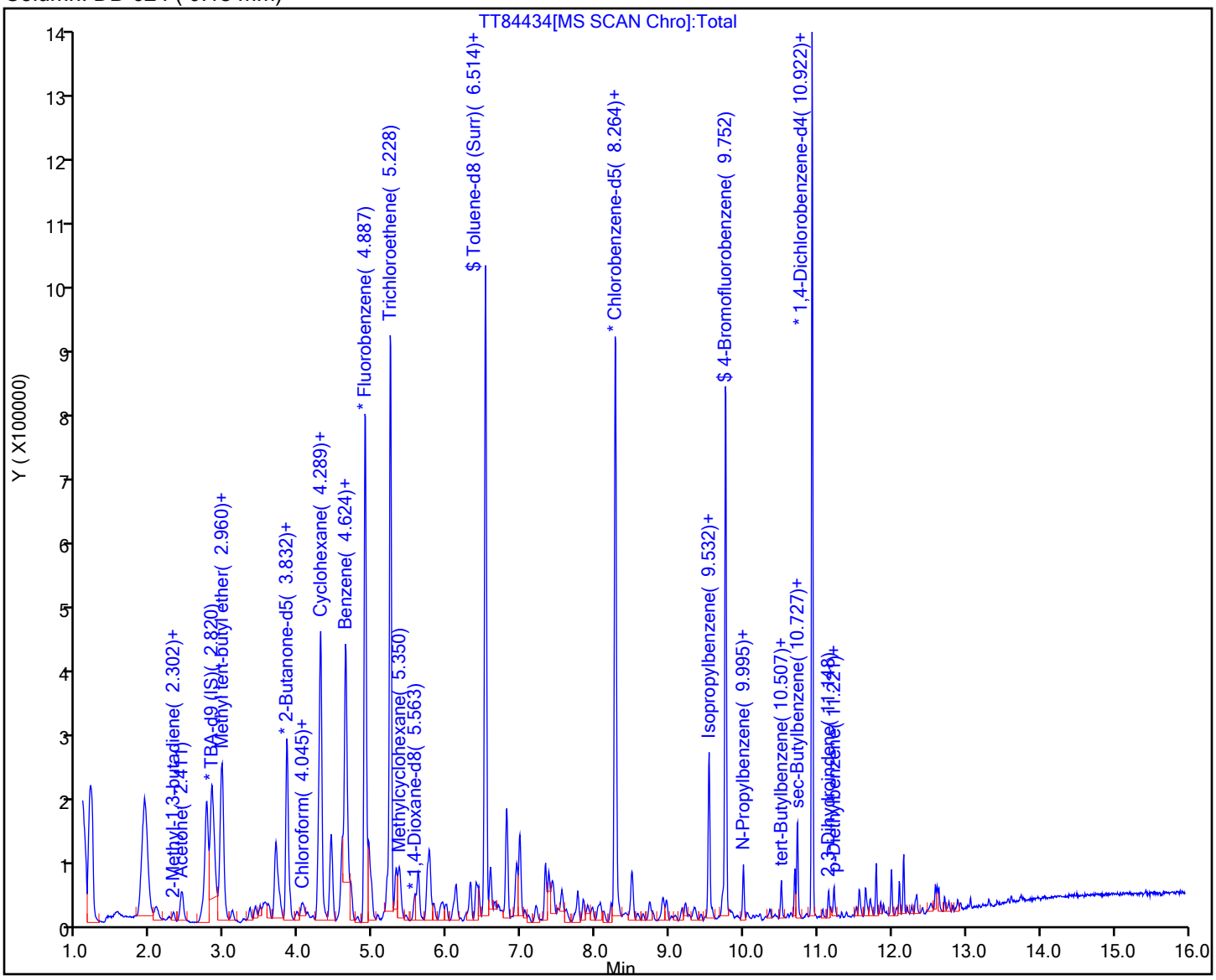
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Lims ID:	460-310268-A-1				
Client ID:	NL-MW-03_20240827				
Sample Type:	Client				
Inject. Date:	30-Aug-2024 17:21:30	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-310268-A-1				
Misc. Info.:	460-0180260-027				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-Aug-2024 17:22:31	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1604				

First Level Reviewer: FK2C Date: 31-Aug-2024 05:39:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.9	97.79
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.04
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.30
$ 105 4-Bromofluorobenzene	50.0	51.1	102.17

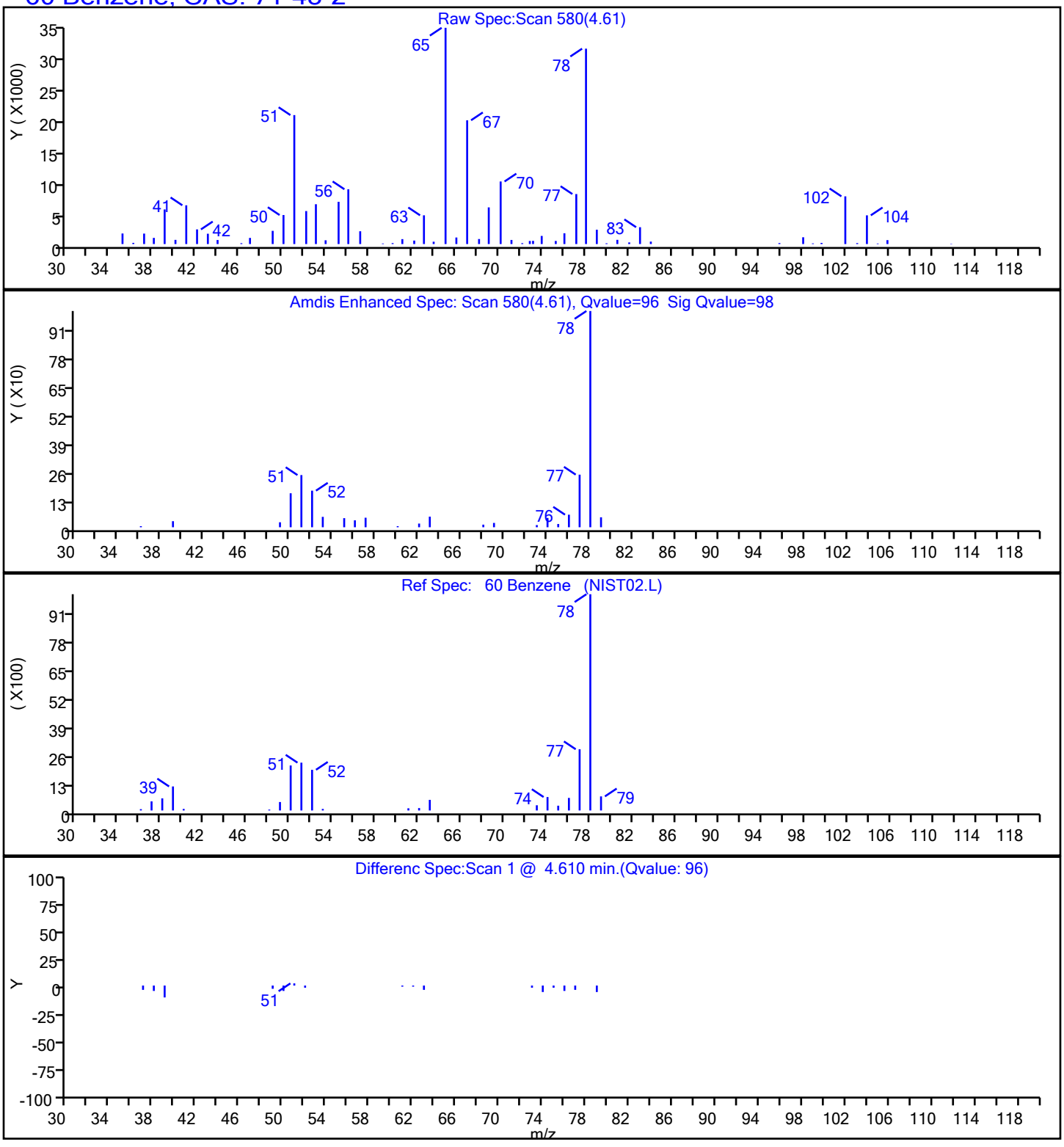
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

60 Benzene, CAS: 71-43-2



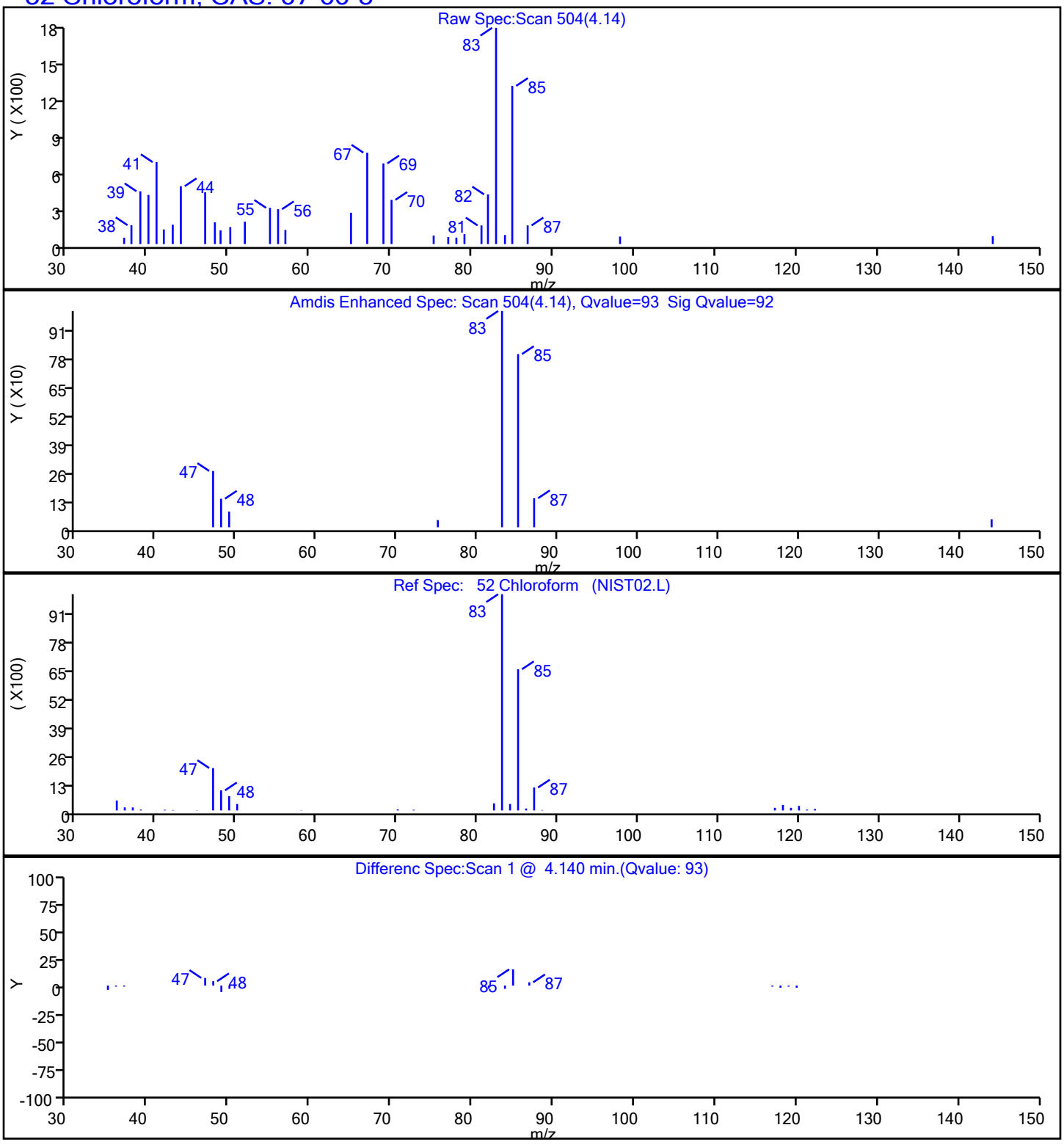
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



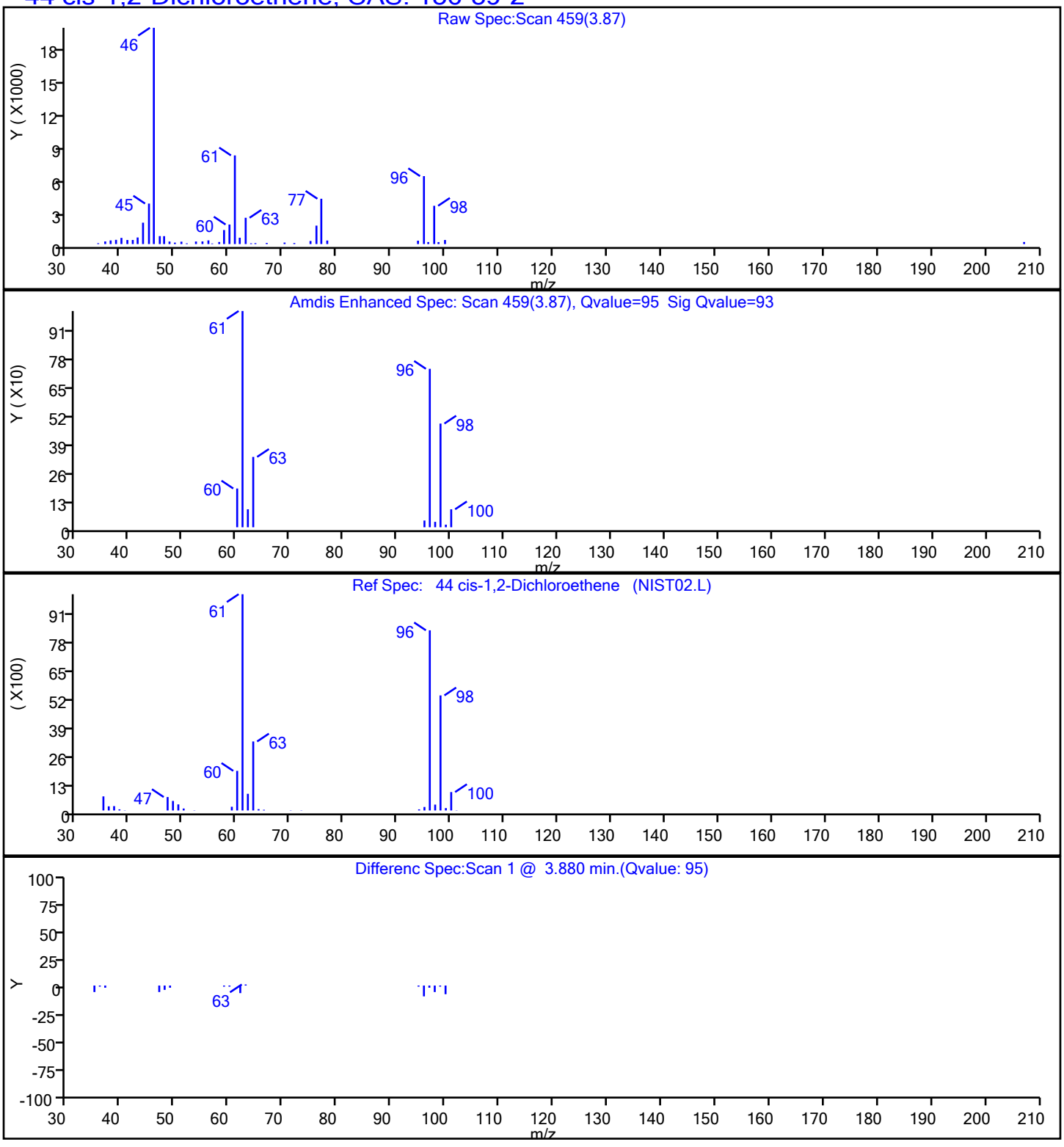
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



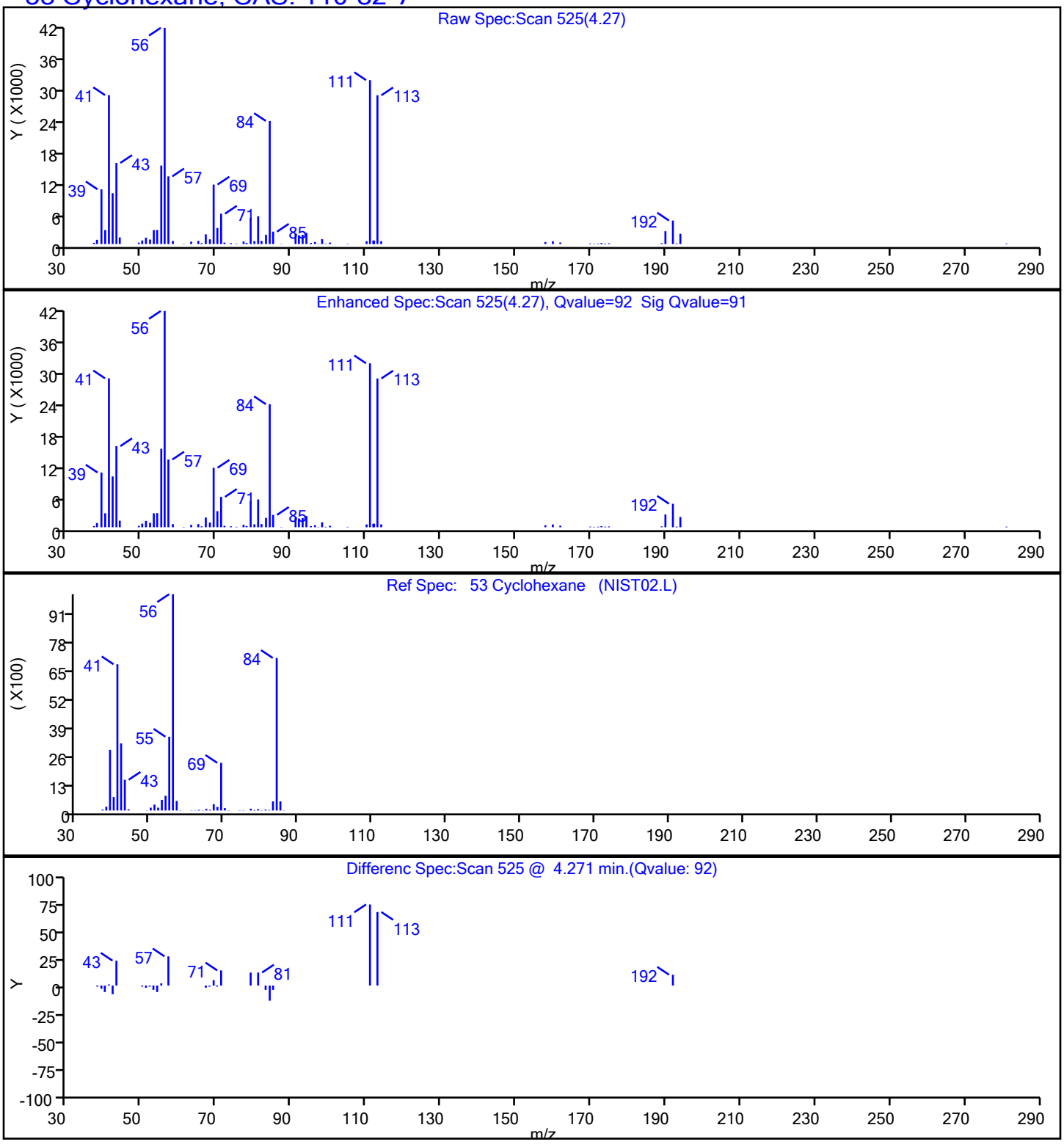
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

53 Cyclohexane, CAS: 110-82-7



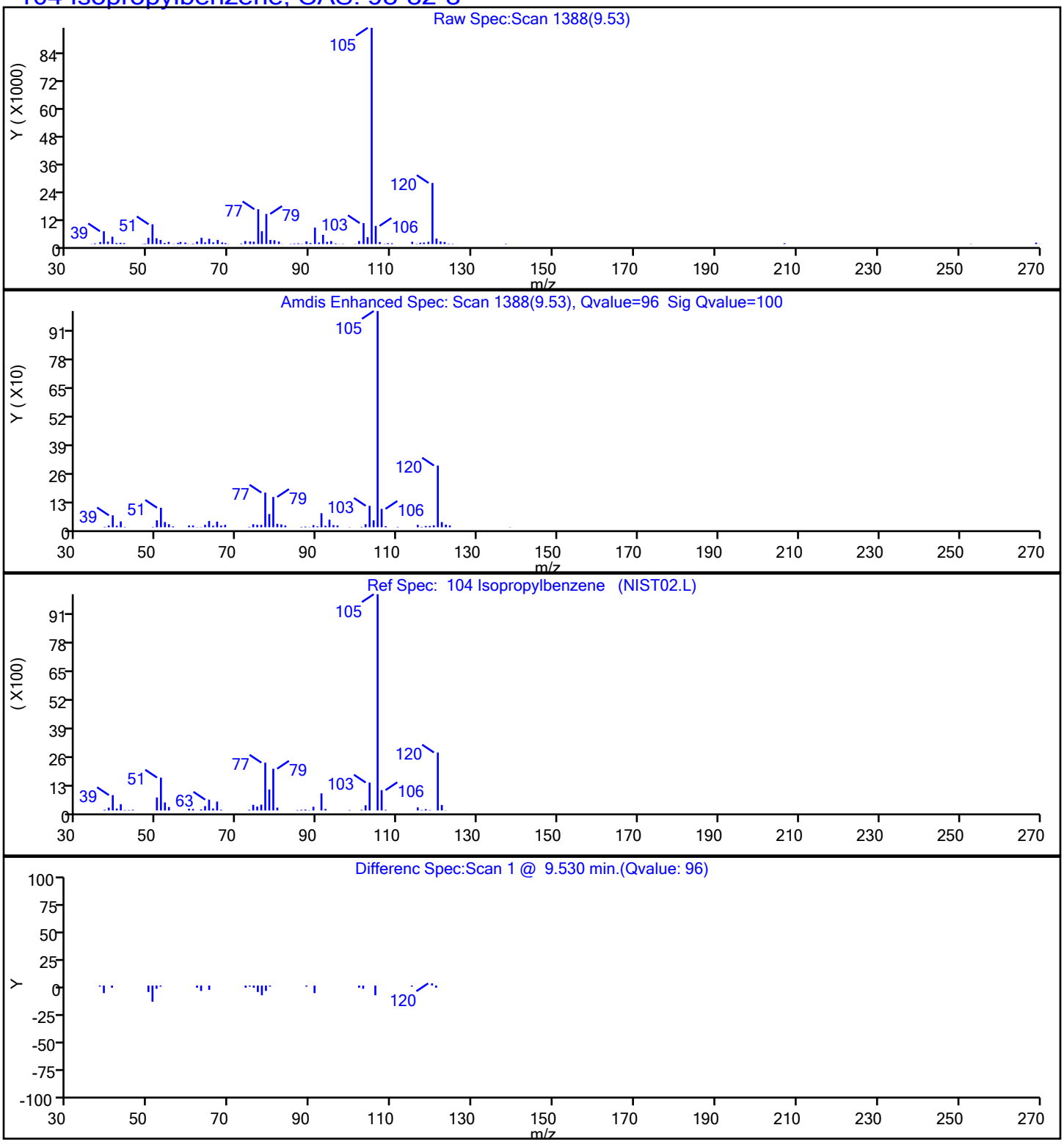
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

104 Isopropylbenzene, CAS: 98-82-8



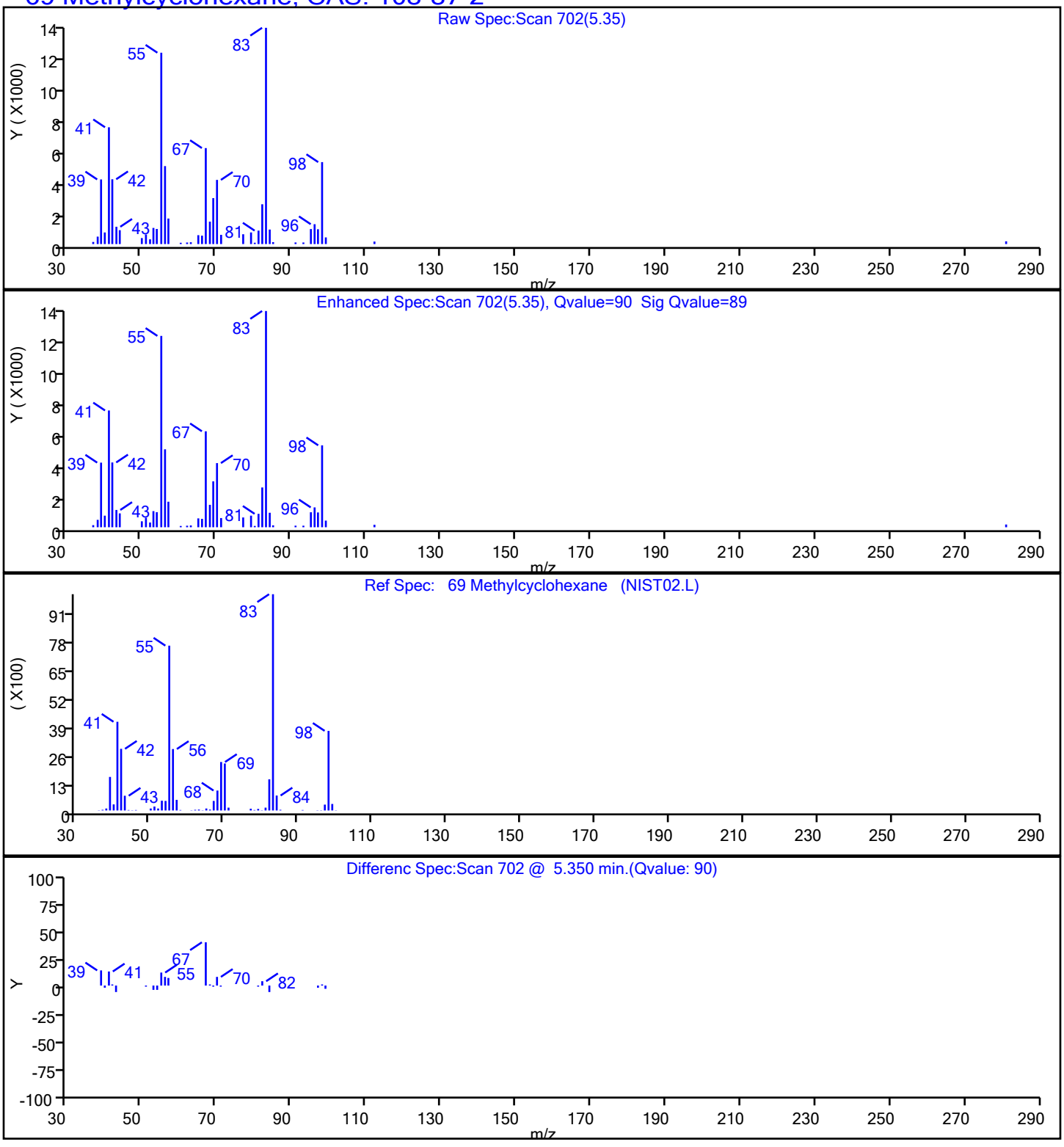
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

69 Methylcyclohexane, CAS: 108-87-2



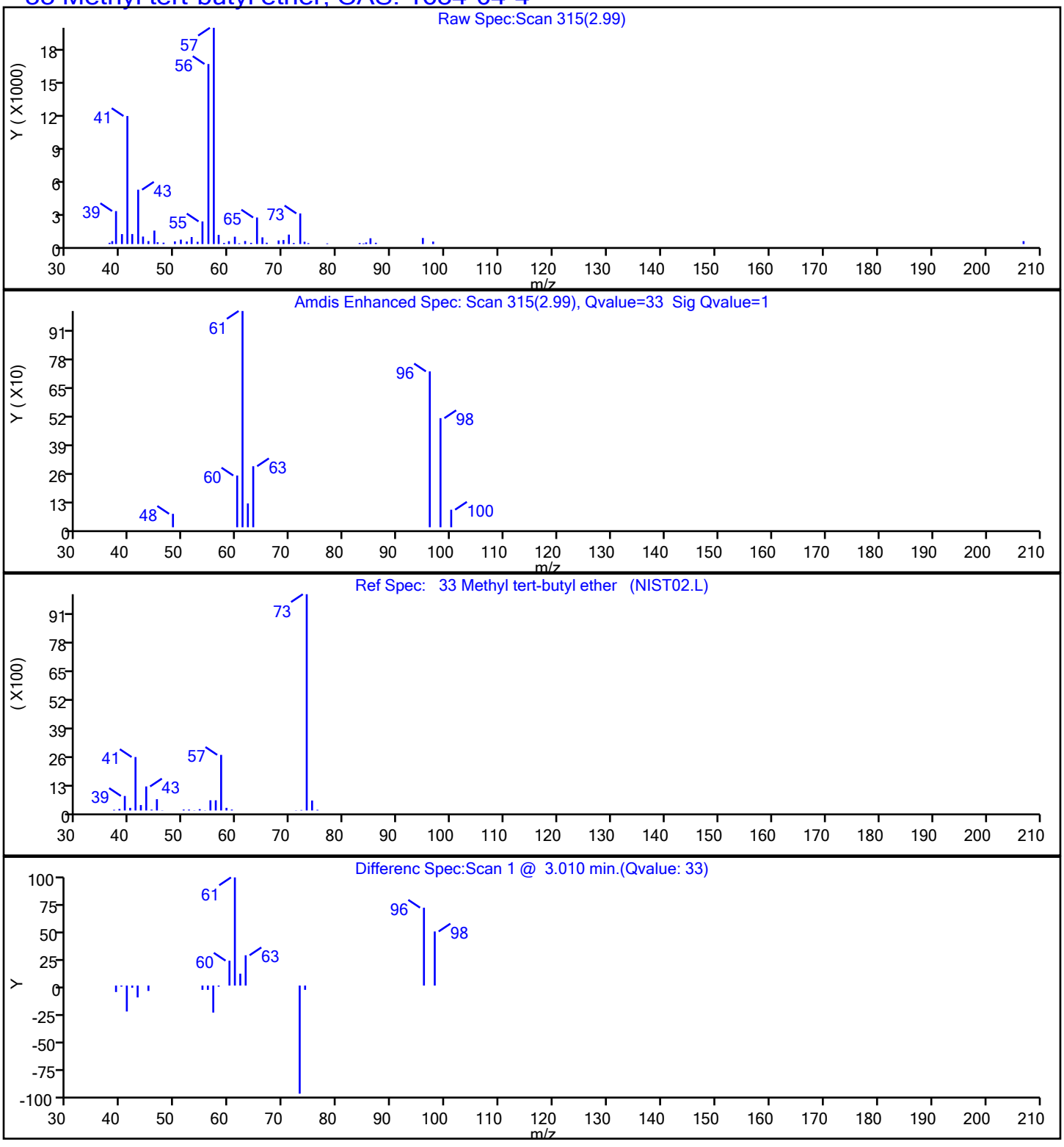
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4



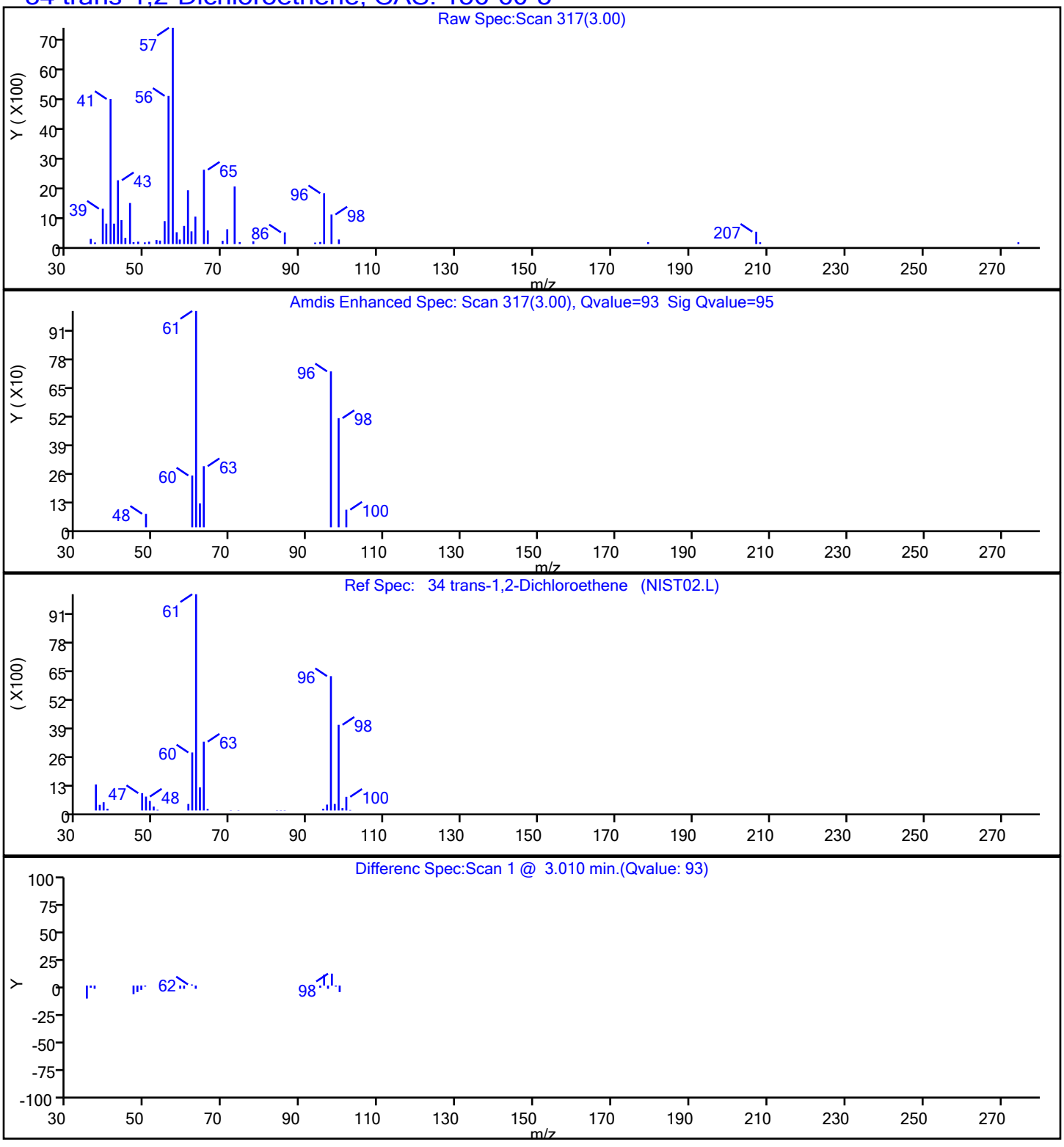
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5



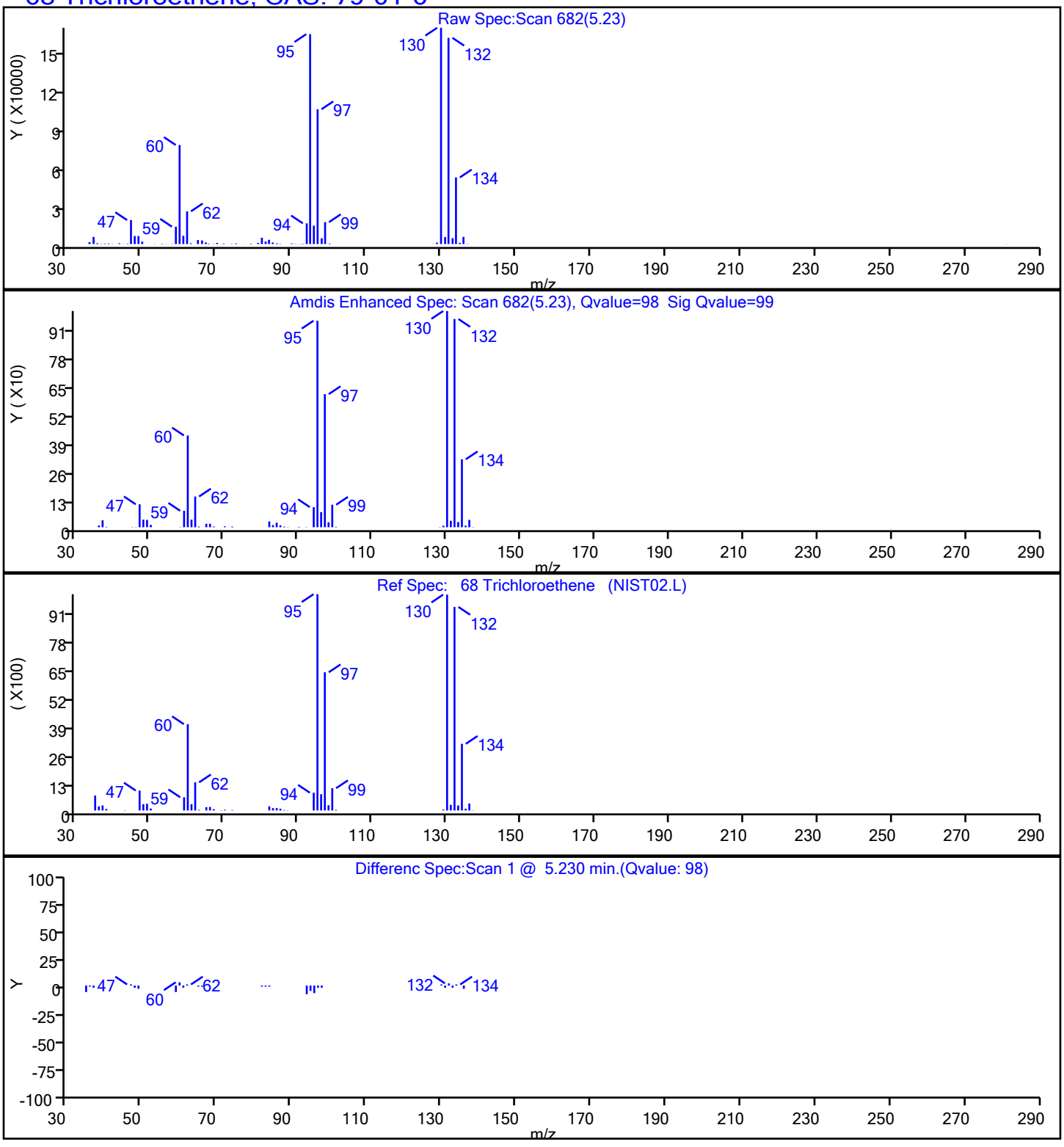
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



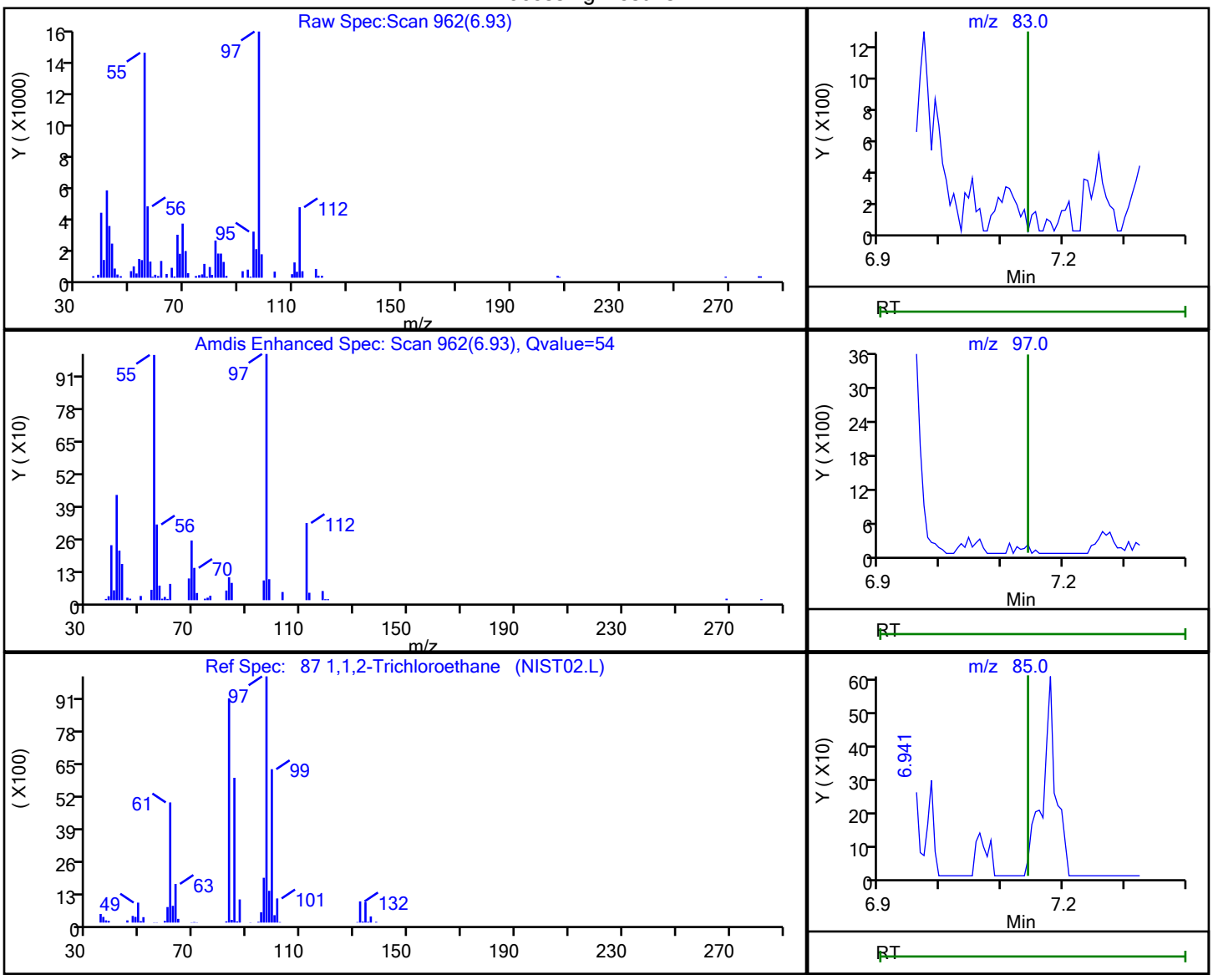
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.93	83.00	3362	1.220378
6.93	97.00	32802	
6.94	85.00	252	

Reviewer: FK2C, 31-Aug-2024 05:39:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

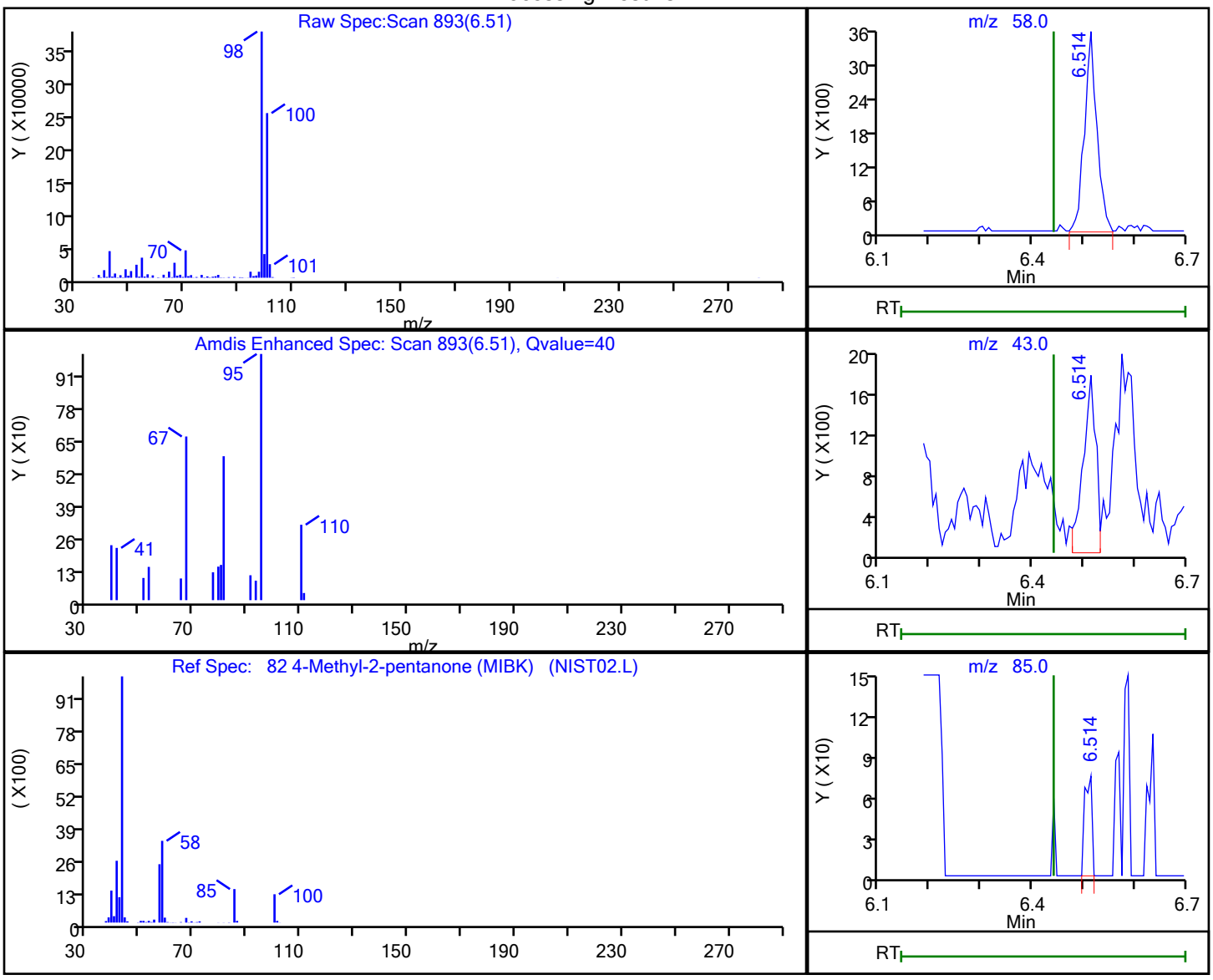
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	6038	4.199498
6.51	43.00	2953	
6.51	85.00	71	
6.51	100.00	478761	

Reviewer: FK2C, 31-Aug-2024 05:39:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

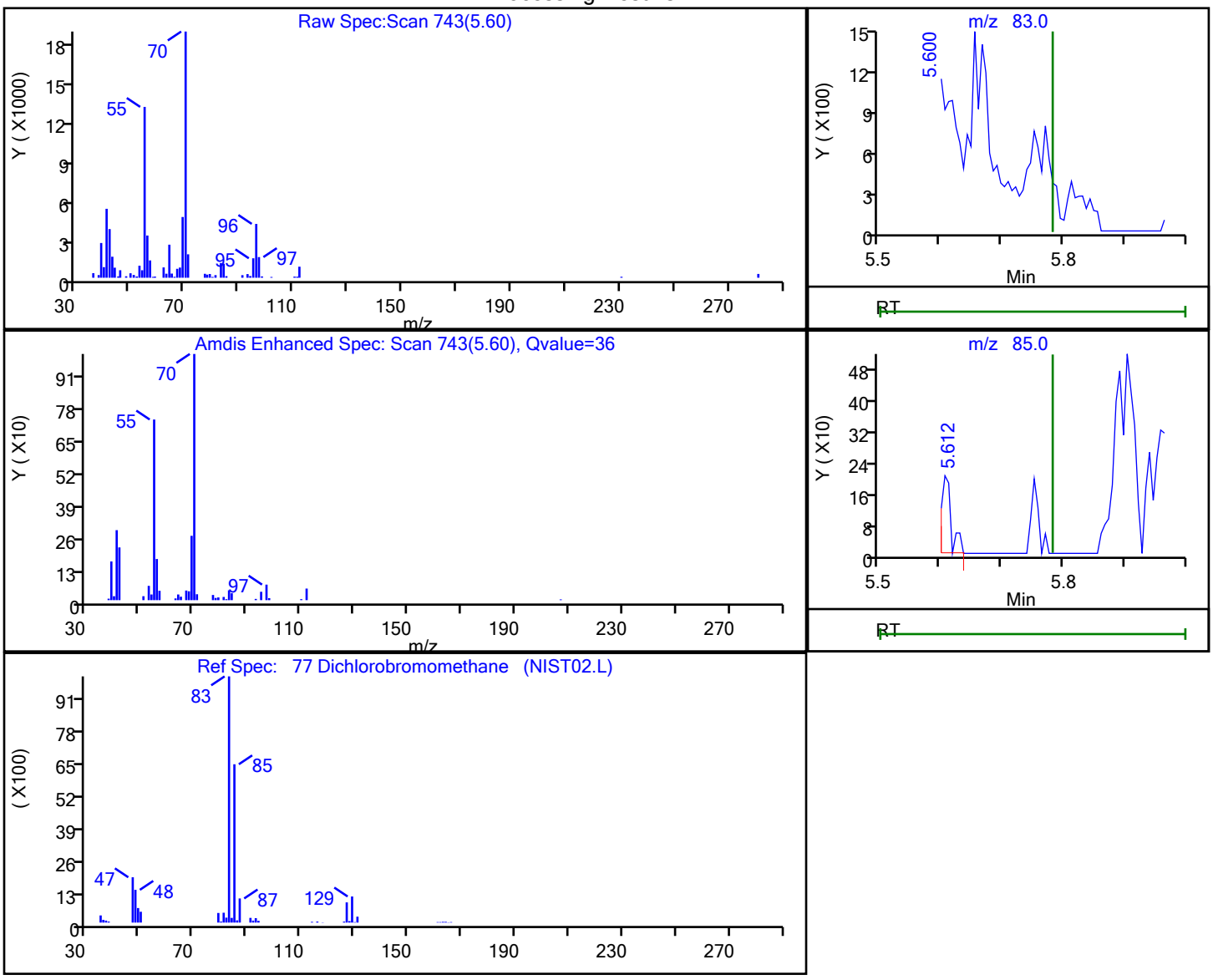
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.60	83.00	1884	0.437990
5.61	85.00	222	

Reviewer: FK2C, 31-Aug-2024 05:39:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

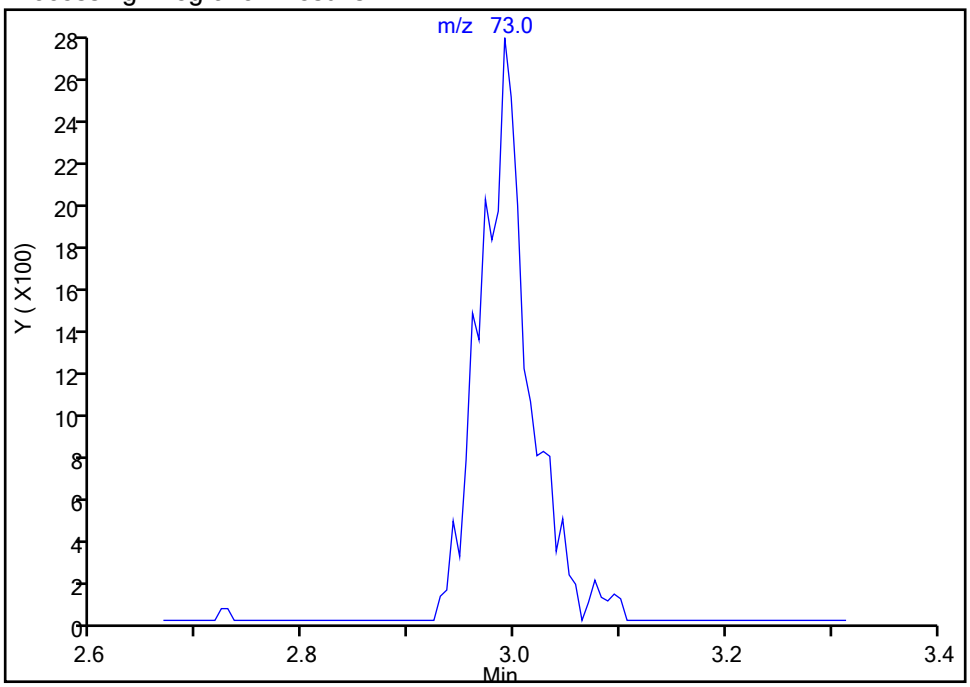
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

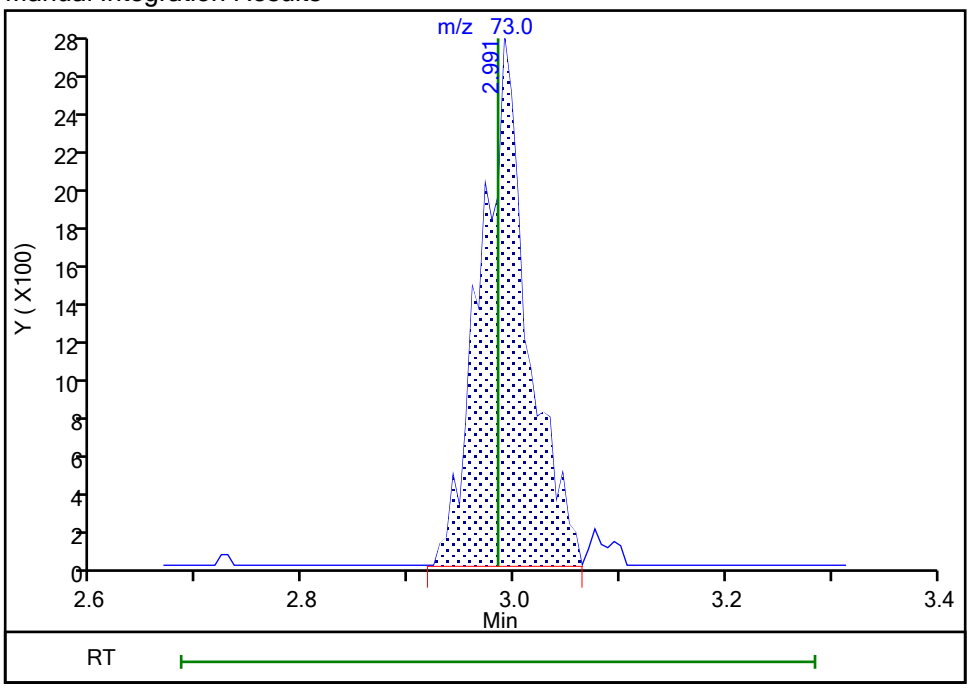
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 8422
Amount: 0.738512
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:20:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84432.D
Lims ID: 460-310268-A-2
Client ID: NL-FB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 16:41:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-2
Misc. Info.: 460-0180260-025
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:37:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	53316	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	424231	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	191172	50.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	222412	49.6	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	783035	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37876	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	750228	49.3	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	568255	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	92	237358	49.7	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	311866	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:26 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84432.D

Injection Date: 30-Aug-2024 16:41:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-2 Lab Sample ID: 460-310268-2

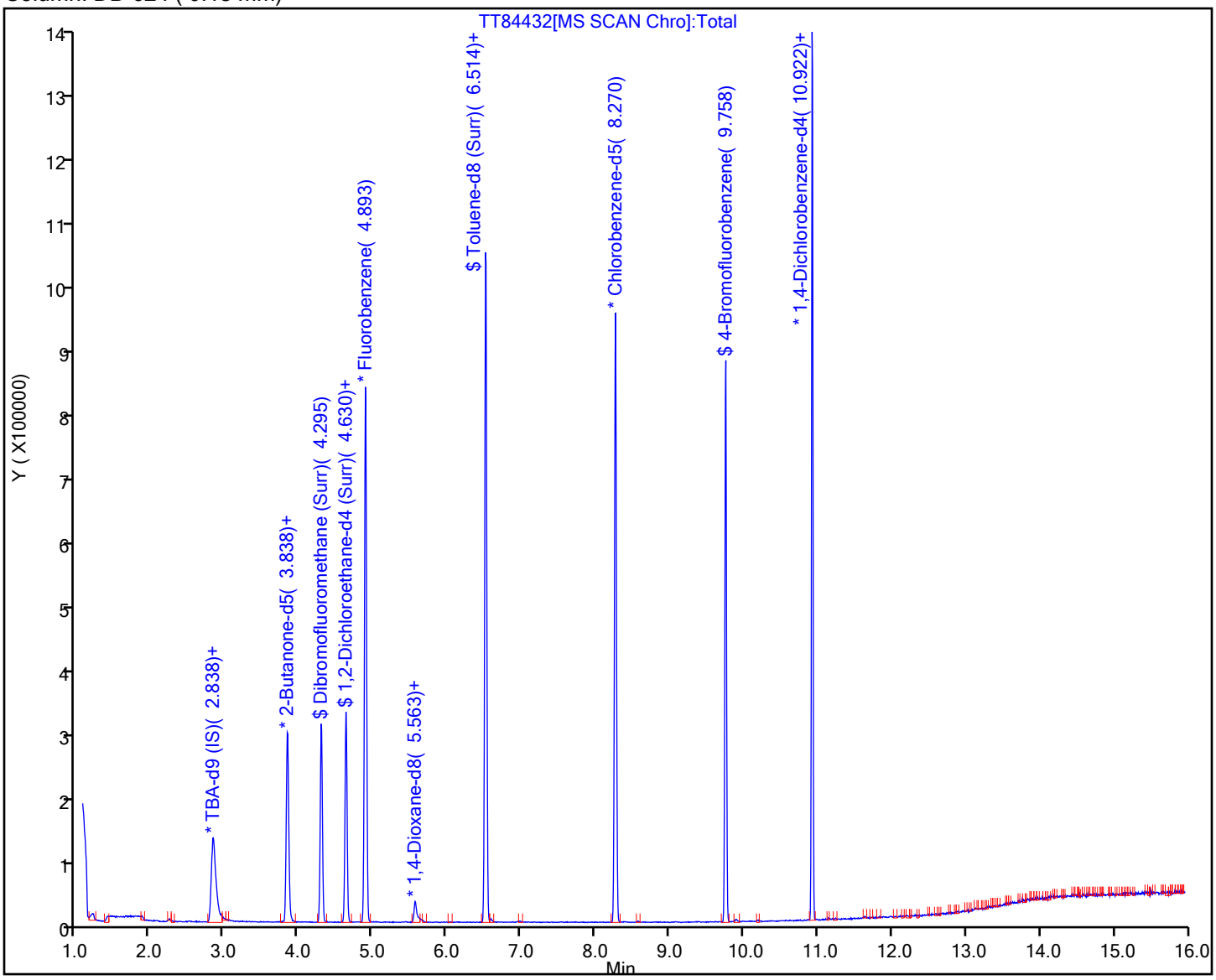
Client ID: NL-FB-01_20240827

Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84432.D
Lims ID: 460-310268-A-2
Client ID: NL-FB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 16:41:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-2
Misc. Info.: 460-0180260-025
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:37:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.4	100.89
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.29
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.57
$ 105 4-Bromofluorobenzene	50.0	49.7	99.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84433.D
Lims ID: 460-310268-A-3
Client ID: NL-TB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:01:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-3
Misc. Info.: 460-0180260-026
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:38:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	52106	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	421423	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	186852	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	220681	50.1	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	769969	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38618	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	734493	49.7	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	551486	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	233514	50.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	307473	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:27 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84433.D

Injection Date: 30-Aug-2024 17:01:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-3 Lab Sample ID: 460-310268-3

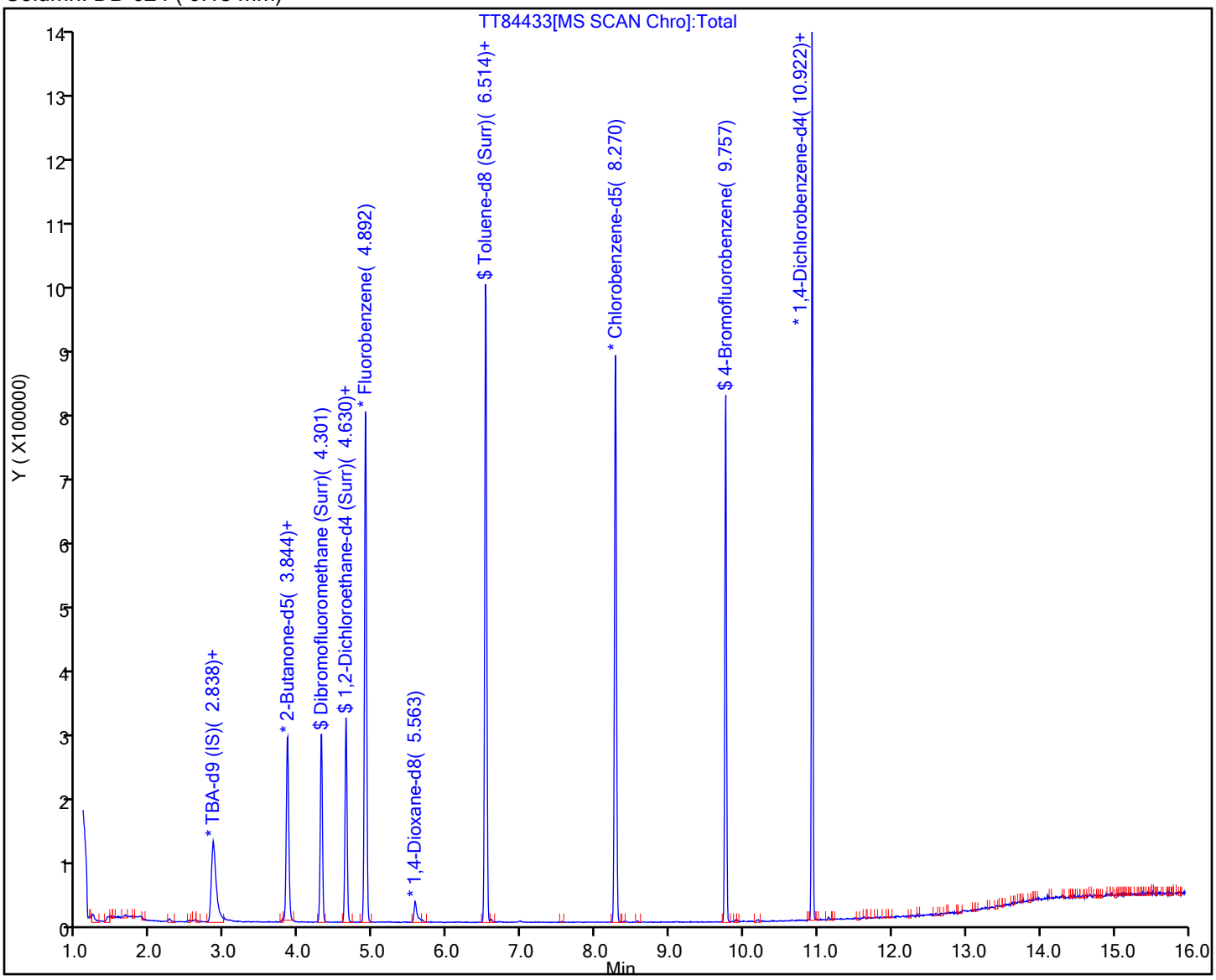
Client ID: NL-TB-01_20240827

Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84433.D
Lims ID: 460-310268-A-3
Client ID: NL-TB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:01:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-3
Misc. Info.: 460-0180260-026
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:38:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.1	100.29
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.19
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.44
$ 105 4-Bromofluorobenzene	50.0	50.4	100.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.0		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.58	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	10		1.0	0.34
108-87-2	Methylcyclohexane	6.4		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.69	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	77		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D
Lims ID: 460-310268-A-4
Client ID: NL-MW-DUP_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:41:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-4
Misc. Info.: 460-0180260-028
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:23:18 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:39:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	58413	1000.0	
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	67	8250	0.6933	a
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	96	3779	0.9112	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	431636	250.0	
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	95	12328	2.63	
52 Chloroform	83	4.143	4.143	0.000	79	3957	0.5777	
53 Cyclohexane	84	4.277	4.271	0.006	89	66789	12.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	189661	48.0	
60 Benzene	78	4.612	4.612	0.000	94	64337	3.96	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	223418	47.8	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	816548	50.0	
68 Trichloroethene	95	5.234	5.228	0.006	98	299569	77.3	
69 Methylcyclohexane	83	5.356	5.356	0.000	93	38718	6.39	
* 72 1,4-Dioxane-d8	96	5.569	5.563	0.006	0	39944	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	741733	49.7	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	556705	50.0	
104 Isopropylbenzene	105	9.532	9.532	0.000	97	156390	10.3	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	97	239588	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	316951	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 17:23:18 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date: 30-Aug-2024 17:41:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-4 Lab Sample ID: 460-310268-4

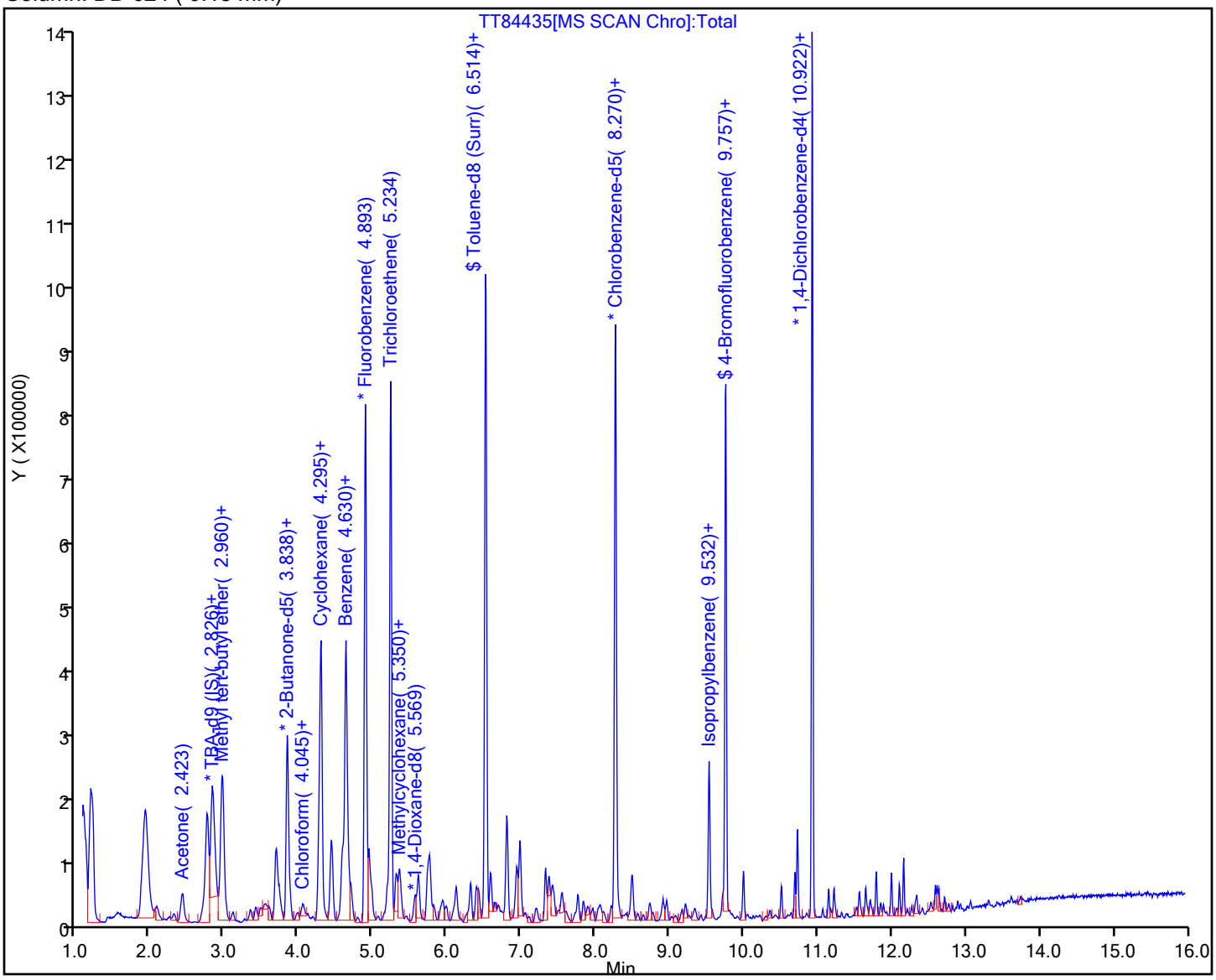
Client ID: NL-MW-DUP_20240827

Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Lims ID:	460-310268-A-4				
Client ID:	NL-MW-DUP_20240827				
Sample Type:	Client				
Inject. Date:	30-Aug-2024 17:41:30	ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-310268-A-4				
Misc. Info.:	460-0180260-028				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-Aug-2024 17:23:18	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1604				
First Level Reviewer: FK2C		Date:	31-Aug-2024 05:39:53		

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.0	95.99
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.64
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.48
$ 105 4-Bromofluorobenzene	50.0	51.2	102.38

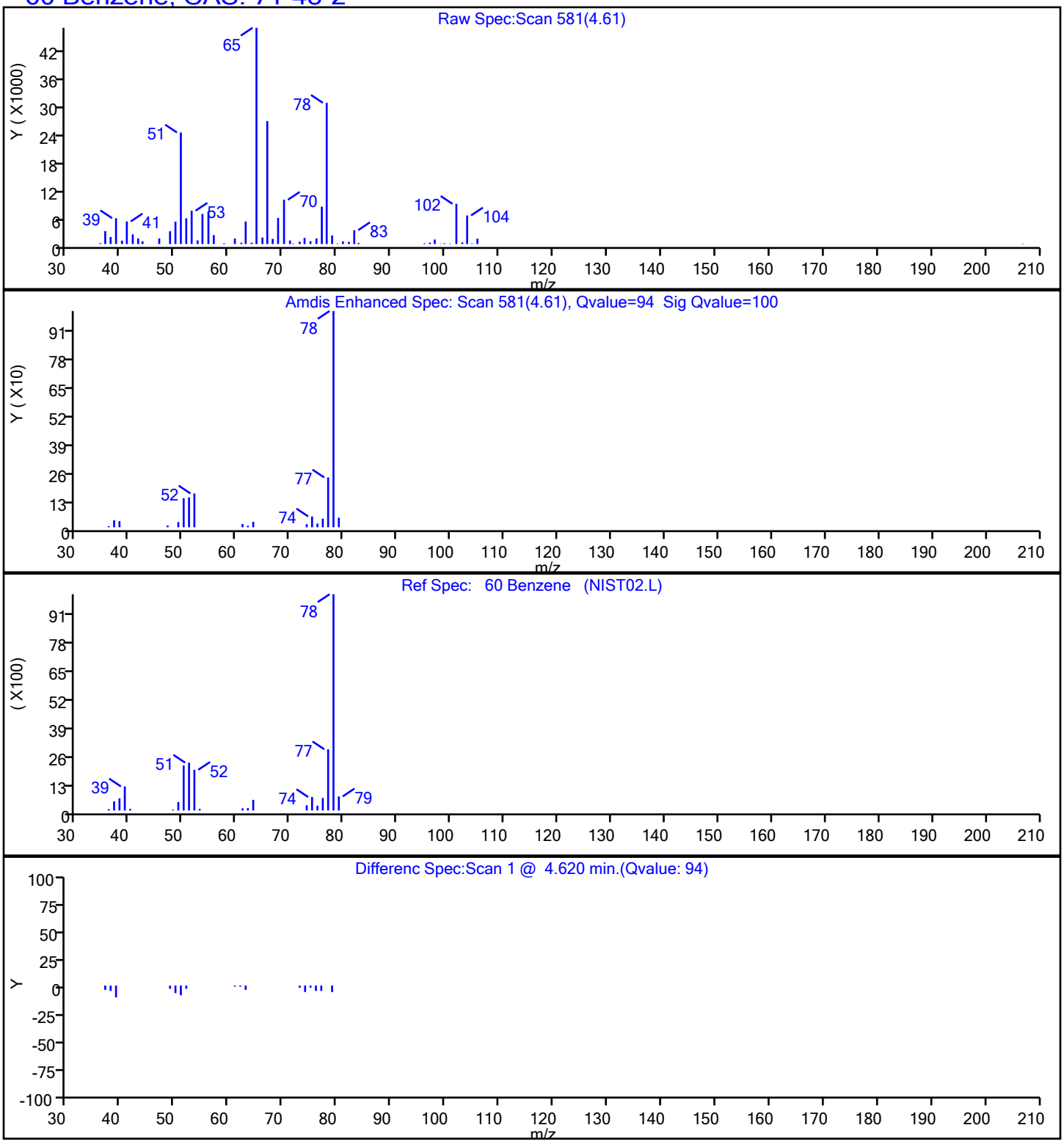
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4
Client ID:	NL-MW-DUP_20240827		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



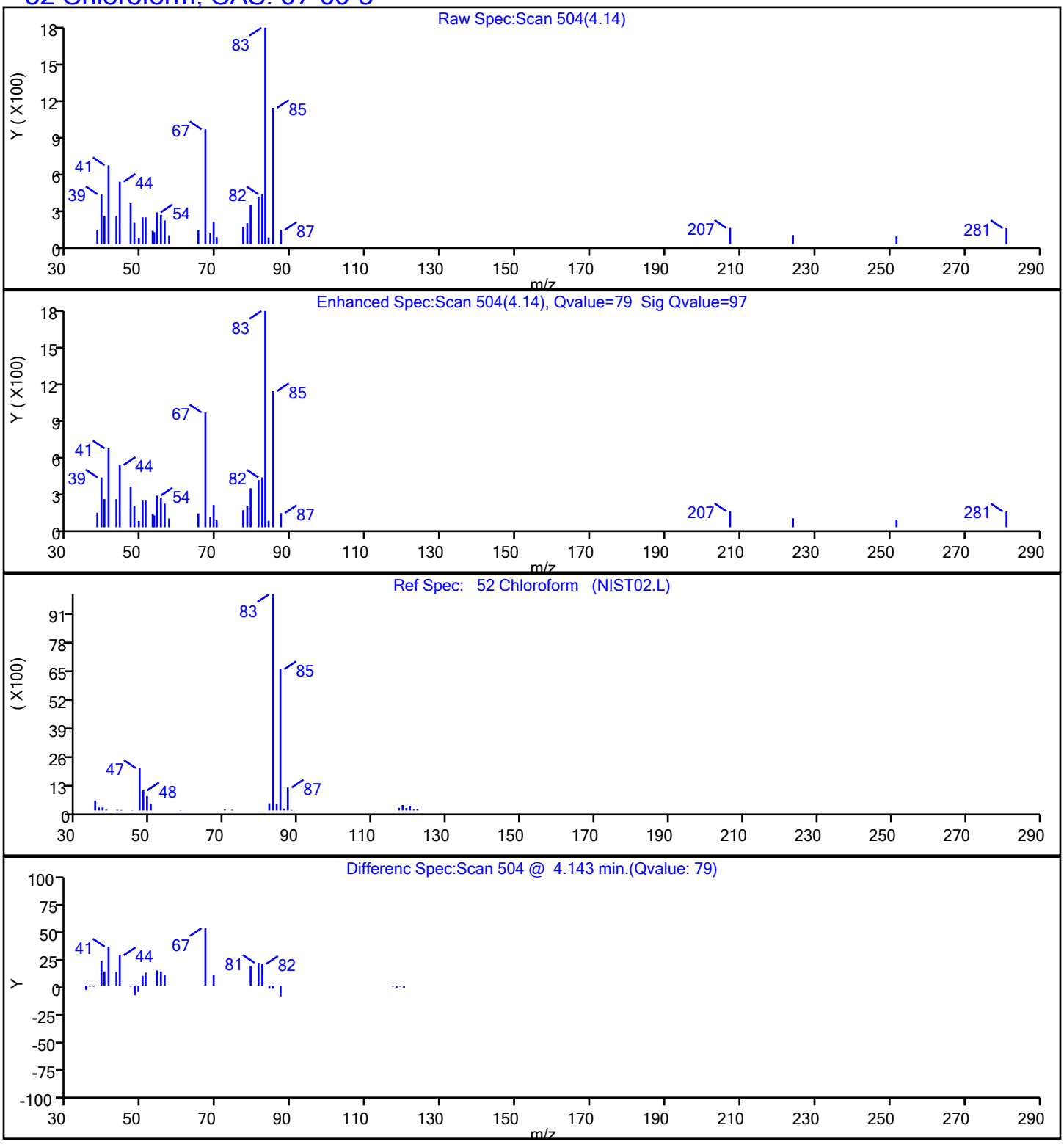
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



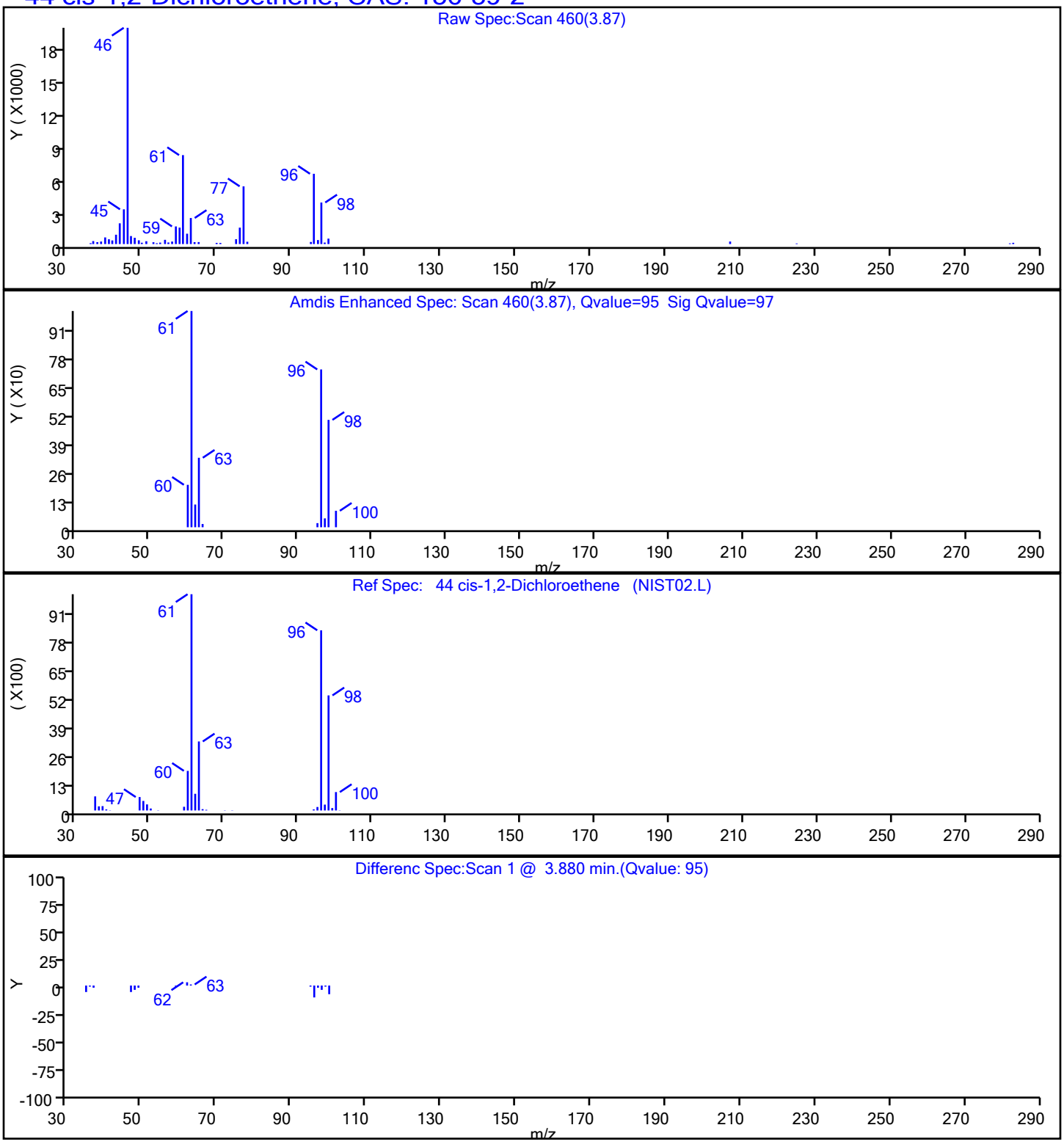
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date: 30-Aug-2024 17:41:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-4 Lab Sample ID: 460-310268-4

Client ID: NL-MW-DUP_20240827

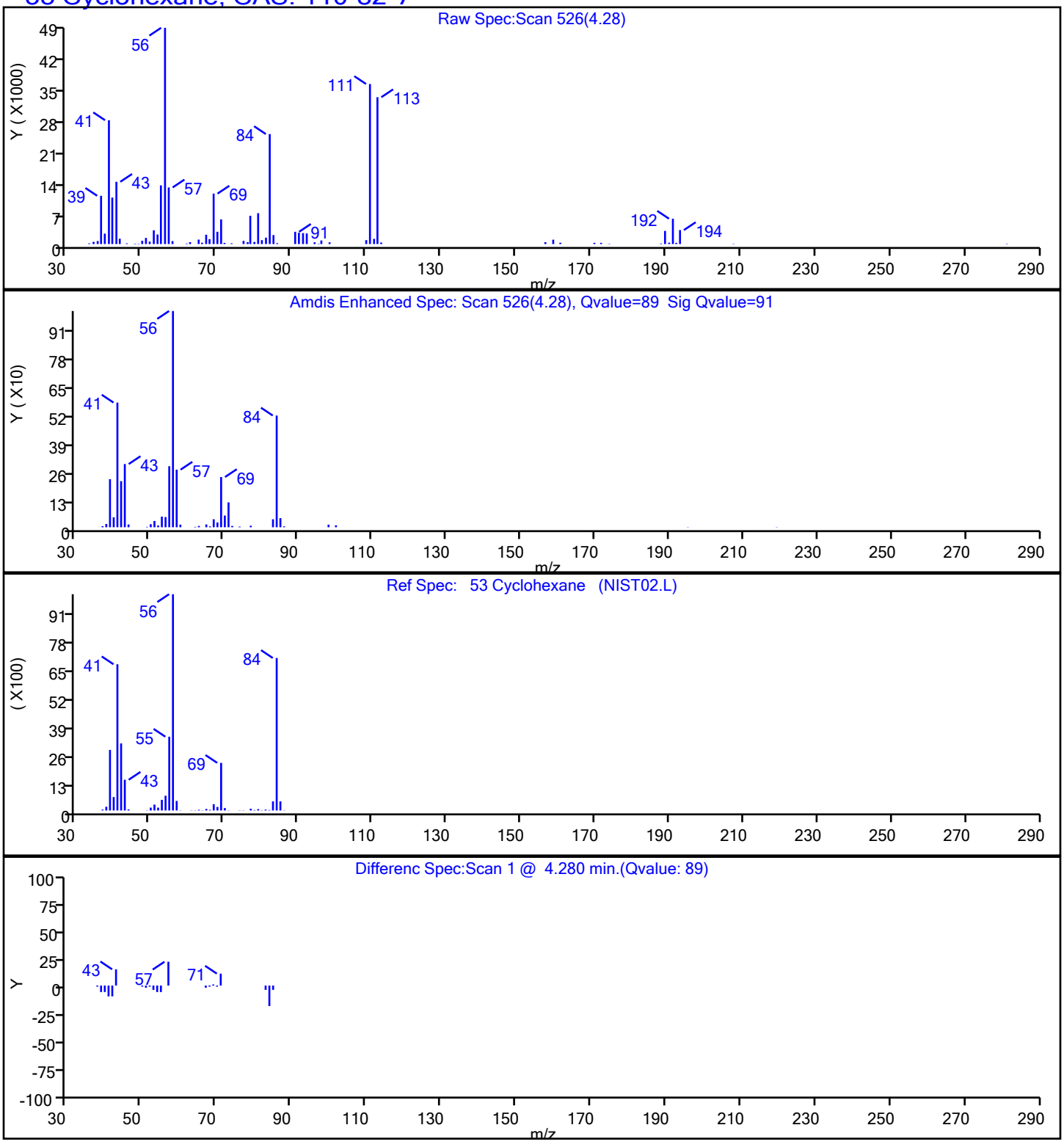
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7



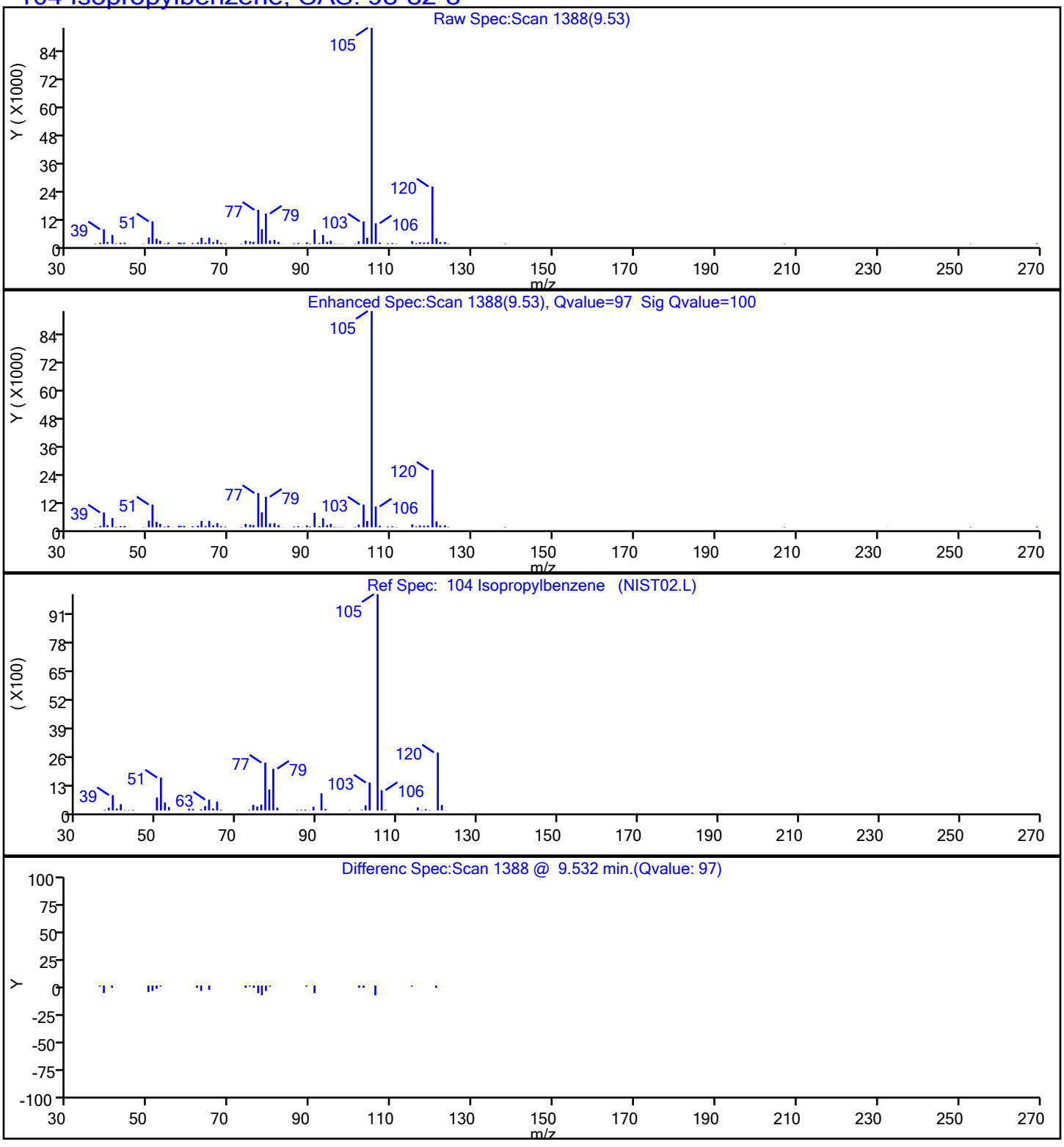
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

104 Isopropylbenzene, CAS: 98-82-8



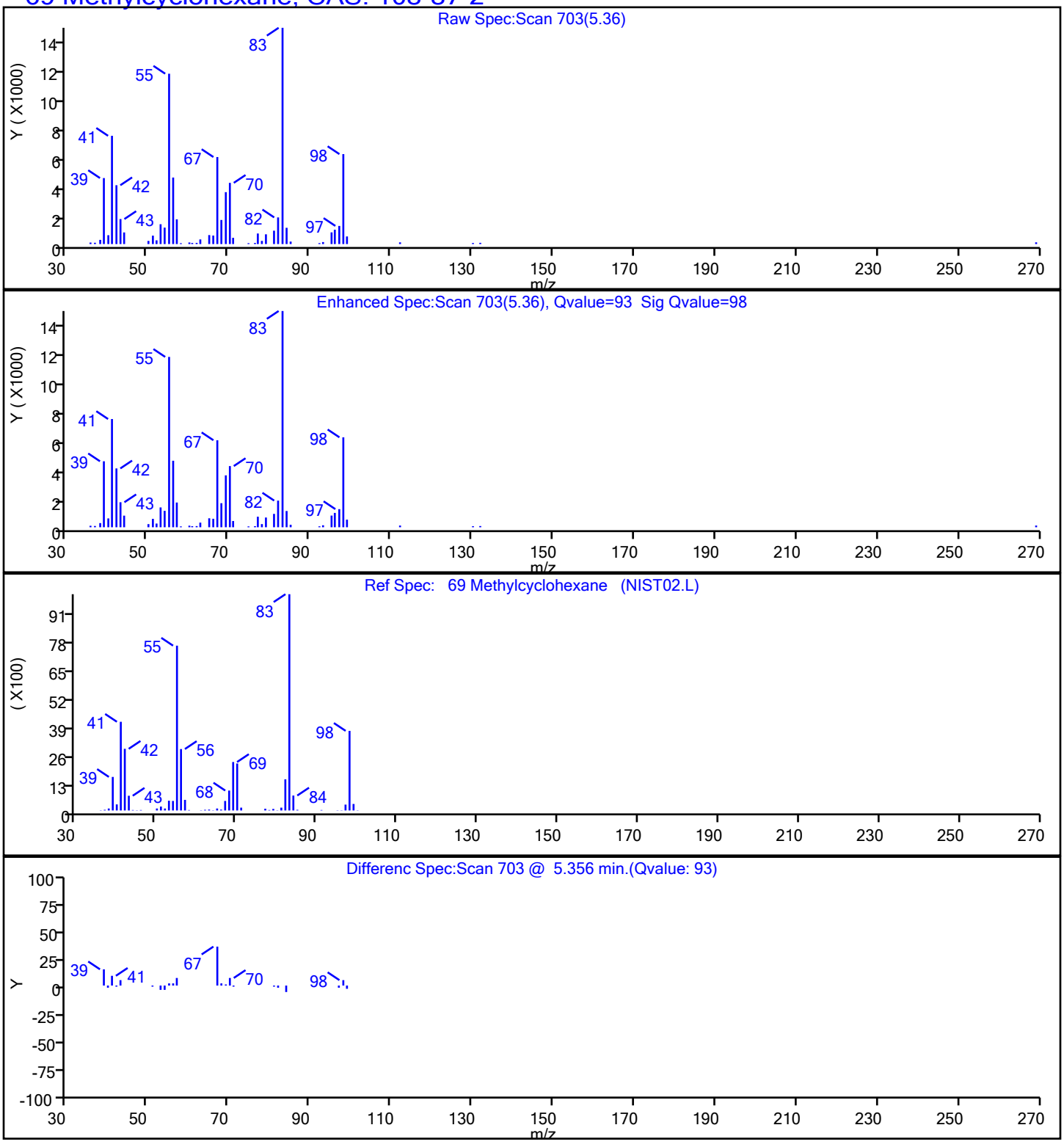
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

69 Methylcyclohexane, CAS: 108-87-2



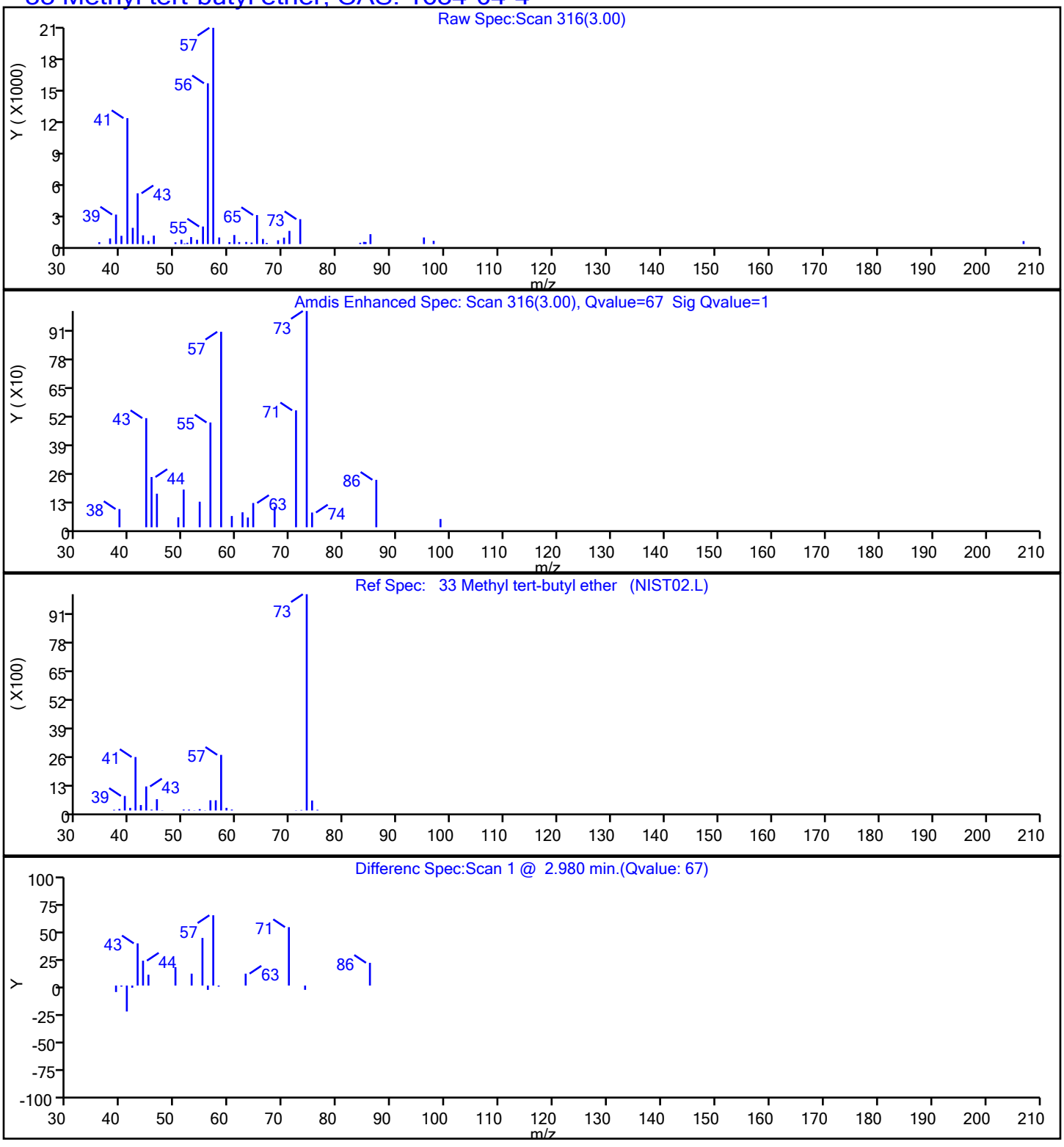
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4
Client ID:	NL-MW-DUP_20240827		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4



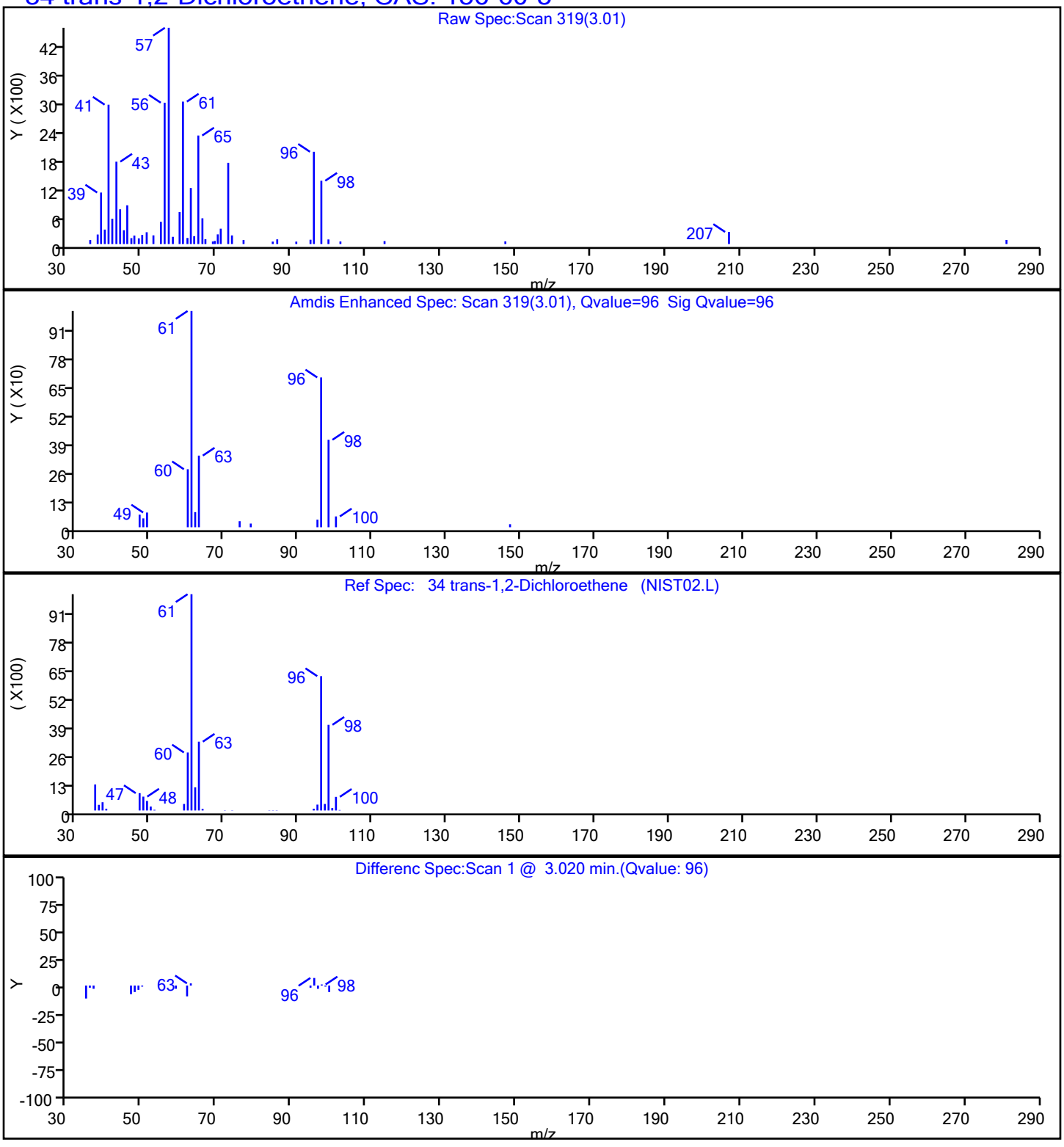
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

34 trans-1,2-Dichloroethene, CAS: 156-60-5



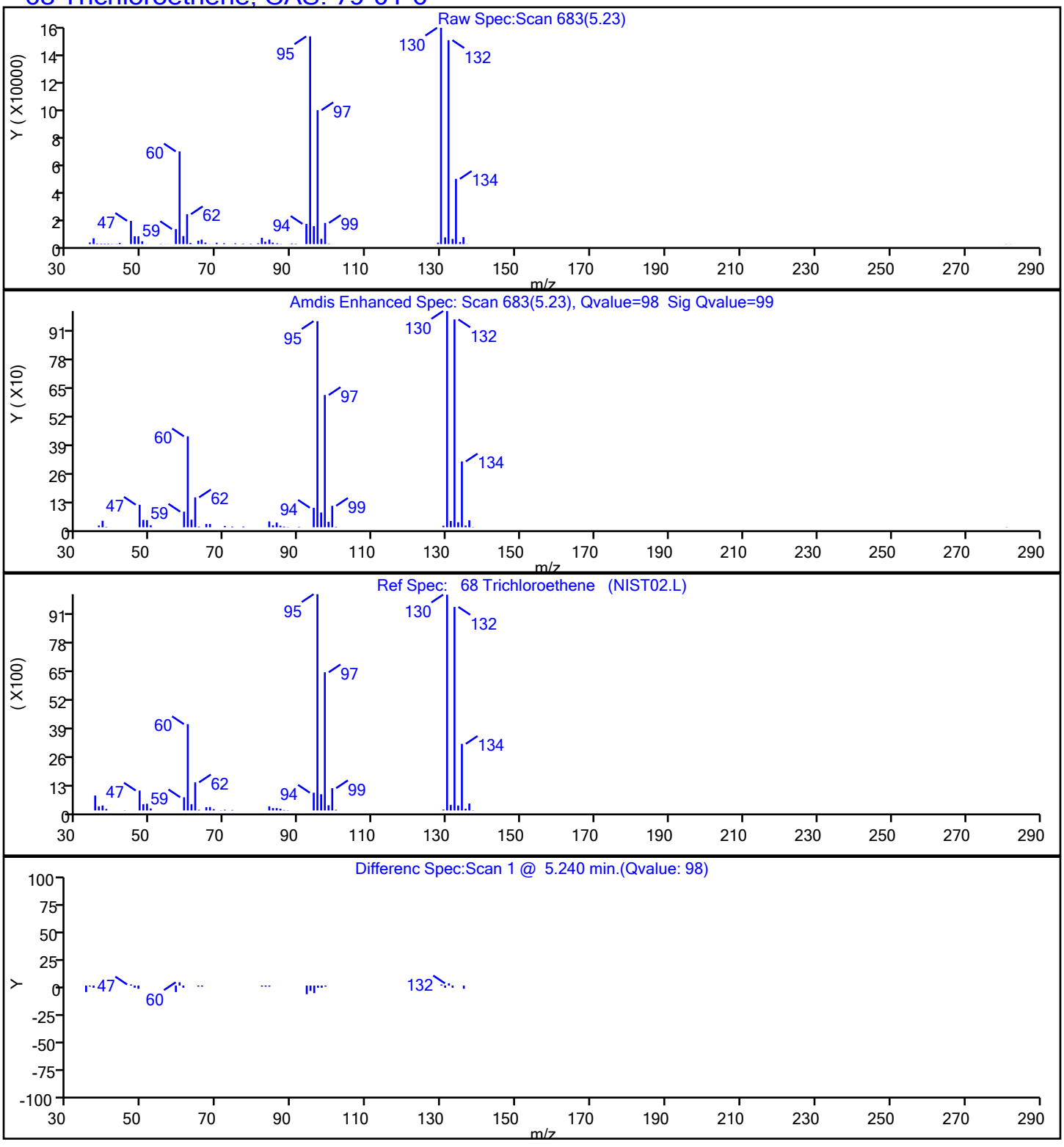
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4
Client ID:	NL-MW-DUP_20240827		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



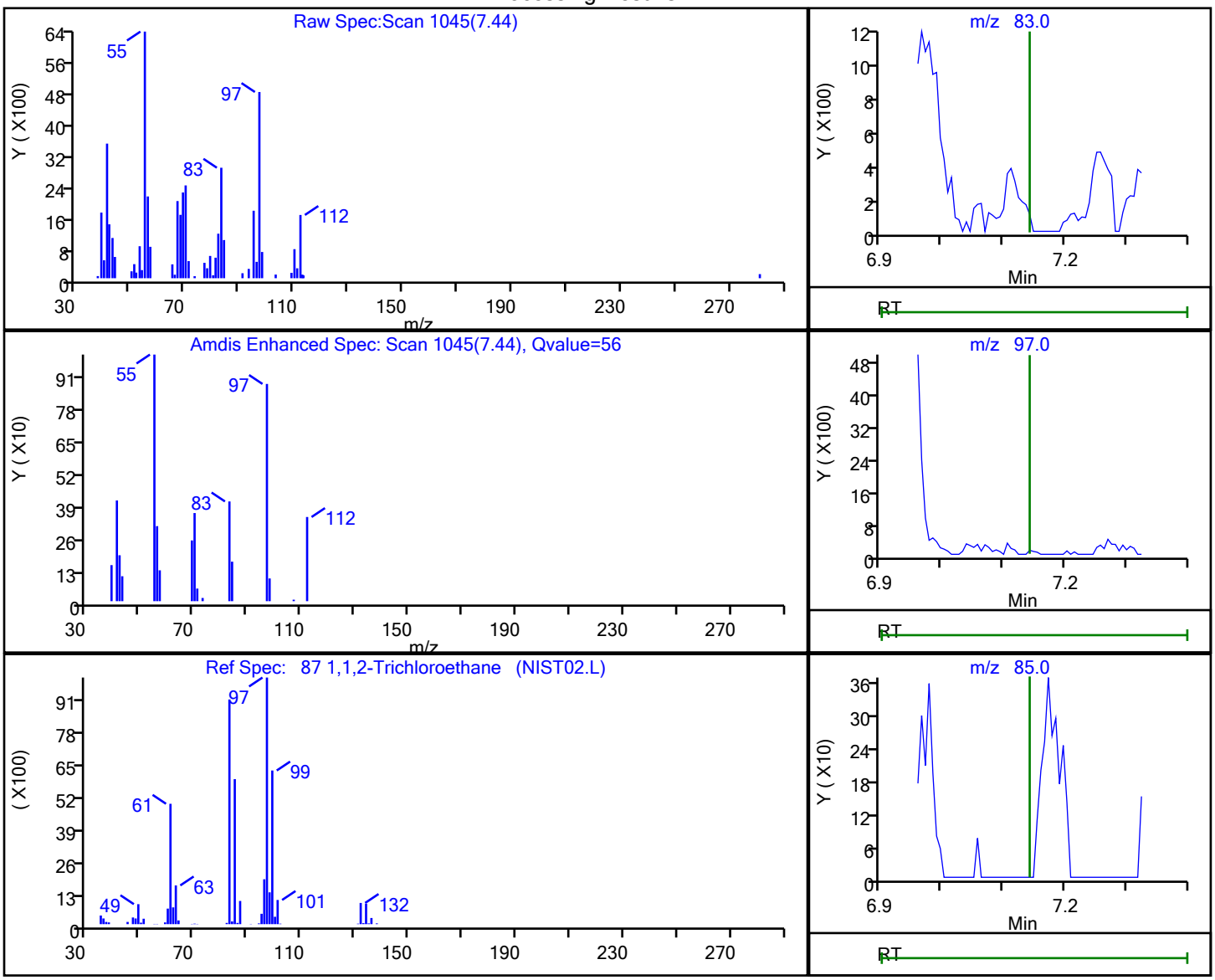
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.44	83.00	6039	2.105034
7.43	97.00	10888	
7.43	85.00	27	

Reviewer: FK2C, 31-Aug-2024 05:39:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

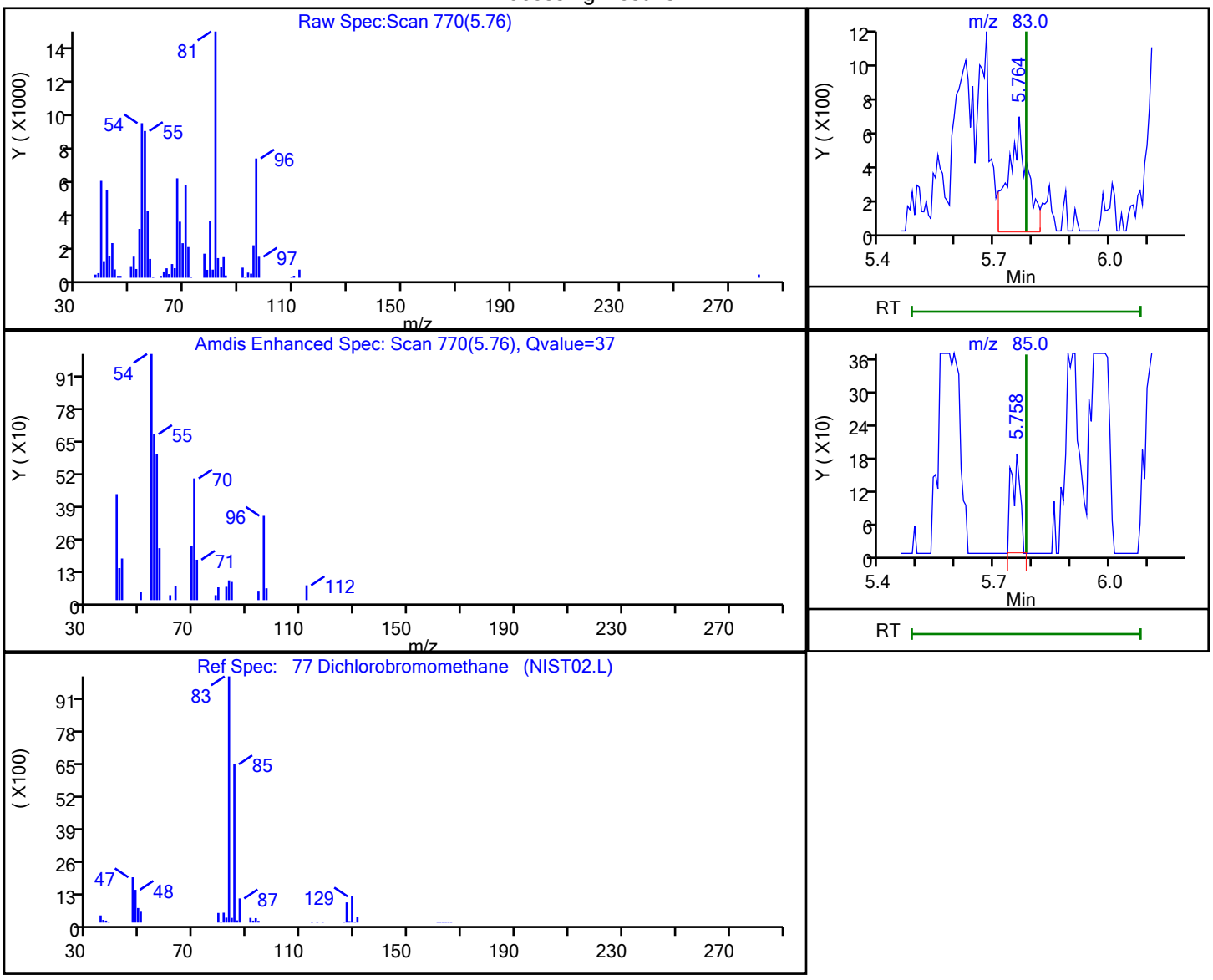
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.76	83.00	2170	0.483436
5.76	85.00	287	

Reviewer: NN6A, 31-Aug-2024 17:23:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

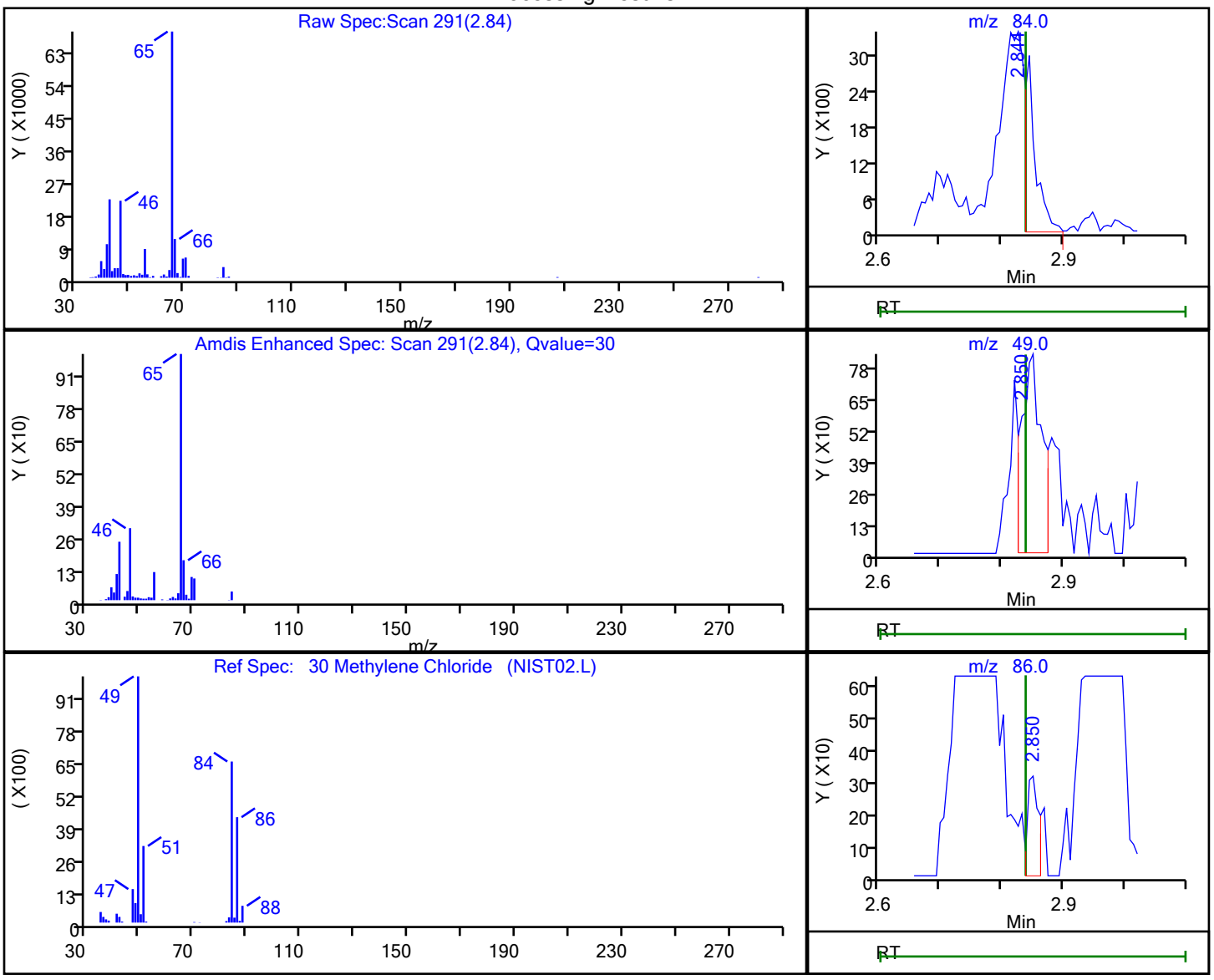
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.84	84.00	3505	0.733363
2.85	49.00	1934	
2.85	86.00	400	

Reviewer: FK2C, 31-Aug-2024 05:39:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

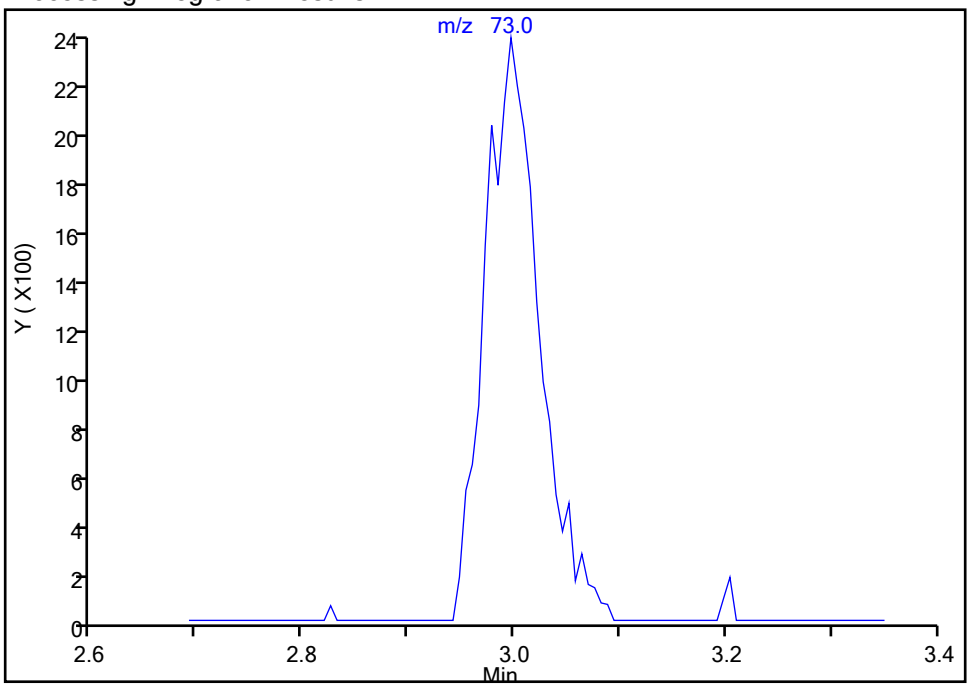
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

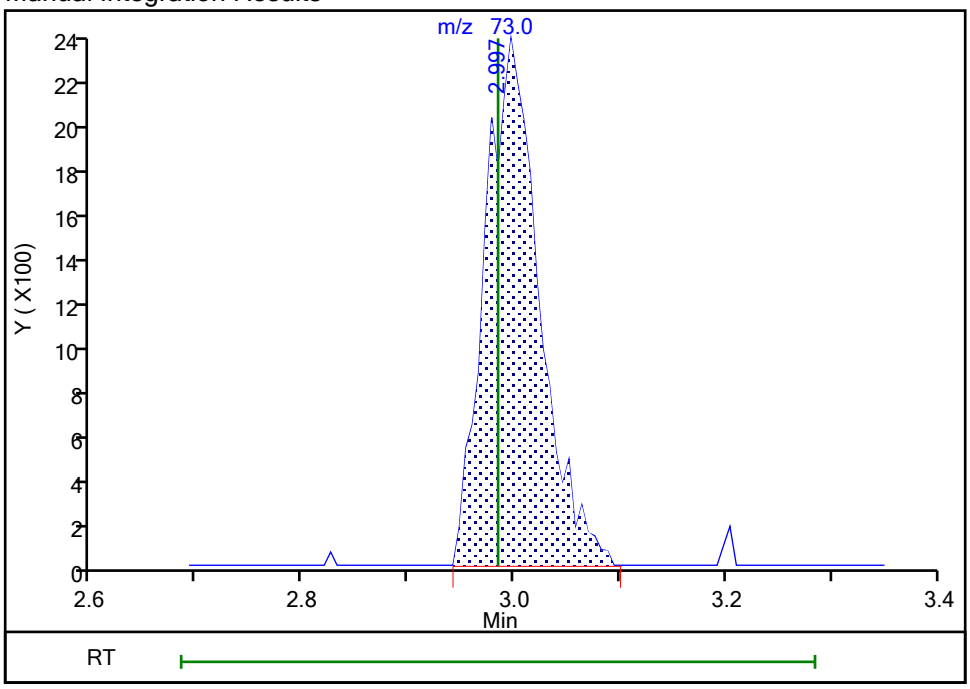
Processing Integration Results

Not Detected
Expected RT: 2.98



Manual Integration Results

RT: 3.00
Area: 8250
Amount: 0.693253
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:22:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0707	0.0057 0.0514	0.0590 0.0643	0.0690	0.0647	QuaF		0.0468	0.0000348						0.9980		0.9900
Dichlorodifluoromethane	+++++ 0.2722	0.2902 0.3303	0.2982 +++++	0.3106	0.3024	Ave		0.3006			0.1000	6.5		20.0			
Chlorodifluoromethane	+++++ 0.0458	0.0408 0.0376	0.0883 0.0423	0.0523	0.0434	QuaF		0.0361	0.0000124						0.9990		0.9900
Chloromethane	+++++ 0.3717	0.3157 0.3645	0.3643 0.3536	0.3763	0.3752	Ave		0.3602			0.1000	5.9		20.0			
Vinyl chloride	+++++ 0.3010	0.2912 0.3075	0.3520 0.3225	0.3274	0.3111	Ave		0.3161			0.1000	6.3		20.0			
Butadiene	0.3030 0.2848	0.3033 0.2987	0.2382 0.3175	0.3252	0.3048	Ave		0.2969				9.0		20.0			
Bromomethane	+++++ 0.2261	0.2157 0.2133	0.2302 0.2025	0.2412	0.2328	Ave		0.2231			0.1000	6.0		20.0			
Chloroethane	+++++ 0.1864	0.2562 0.1795	0.2301 +++++	0.2087	0.1891	Ave		0.2083			0.1000	14.3		20.0			
Dichlorofluoromethane	+++++ 0.5196	0.5336 0.4924	0.6002 0.4822	0.5781	0.5176	Ave		0.5320				8.1		20.0			
Trichlorofluoromethane	+++++ 0.3064	0.3021 0.3201	0.3146 0.3388	0.3323	0.3243	Ave		0.3198			0.1000	4.1		20.0			
Pentane	+++++ 0.0396	0.0264 0.0325	0.0369 +++++	0.0358	0.0206	QuaF		0.0377	-0.000013						0.9960		0.9900
Ethanol	+++++ 0.3430	+++++ 0.3802	+++++ 0.3431	0.5889	0.3771	Lin2	48.567	0.3392							0.9940		0.9900
Ethyl ether	+++++ 0.1603	0.4168 0.1432	0.2834 0.1426	0.1792	0.1523	Lin2	0.1347	0.1480							0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2262	0.2239 0.1978	0.2296 +++++	0.2148	0.1544	Ave		0.2078				13.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2231	0.1460 0.1932	0.1896 0.2262	0.2172	0.2154	Ave		0.2015				14.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3606	0.3269 0.3132	0.4007 0.3542	0.3787	0.3536	Ave		0.3554				8.3		20.0			
Acrolein	+++++ 0.0424	0.0536 0.0414	0.0345 0.0425	0.0410	0.0454	Ave		0.0430				13.3		20.0			
Freon TF	+++++ 0.2134	0.1875 0.2088	0.2178 +++++	0.2056	0.1310	Ave		0.1940			0.1000	16.8		20.0			
1,1-Dichloroethene	+++++ 0.2274	0.2810 0.2063	0.2695 +++++	0.2543	0.1789	Ave		0.2362			0.1000	16.6		20.0			
Acetone	+++++ 0.6820	0.9530 0.7275	0.7296 0.6851	0.6541	0.6005	Ave		0.7188			0.0500	15.6		20.0			
Iodomethane	+++++ 0.4293	0.4291 0.3700	0.4870 0.3115	0.4422	0.3753	Ave		0.4063				14.2		20.0			
Isopropyl alcohol	+++++ 3.9217	4.3116 3.9600	4.3065 3.8556	4.5792	3.5333	Ave		4.0668				8.6		20.0			
Carbon disulfide	+++++ 0.8793	0.8834 0.6436	1.0209 +++++	0.9453	0.6945	Ave		0.8445			0.1000	17.3		20.0			
3-Chloro-1-propene	+++++ 0.1657	0.1690 0.1573	0.1810 0.1355	0.1753	0.1406	Ave		0.1606				10.7		20.0			
Methyl acetate	+++++ 0.2044	0.2407 0.1821	0.2055 0.1739	0.1909	0.1933	Ave		0.1987			0.1000	10.9		20.0			
Cyclopentene	+++++ 0.5350	0.5463 0.4356	0.5530 +++++	0.5268	0.3794	Ave		0.4960				14.4		20.0			
Acetonitrile	+++++ 0.3692	0.2981 0.2605	0.3102 0.2419	0.3688	0.3297	Ave		0.3112				15.8		20.0			
Methylene Chloride	+++++ 0.2861	0.3703 0.2608	0.3062 0.2450	0.3091	0.2711	Ave		0.2927			0.1000	14.1		20.0			
2-Methyl-2-propanol	+++++ 6.9484	5.3062 6.4565	7.8817 6.5883	6.2784	6.0732	Ave		6.5047				12.2		20.0			
MTBE	+++++ 0.7405	0.7473 0.7066	0.7739 0.6375	0.7796	0.7156	Ave		0.7287			0.1000	6.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.2623	0.2713 0.2352	0.3117 0.1857	0.2818	0.2296	Ave		0.2540			0.1000	16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1150 0.1032	0.0920 0.0924	0.1052 0.0761	0.1034	0.0987	Ave		0.0983				11.8		20.0			
Hexane	+++++ 0.3450	0.3321 0.2932	0.3197 0.0842	0.2908	0.1943	Ave		0.2656				35.4	*	20.0			
Isopropyl ether	+++++ 0.8949	0.9417 0.8152	1.0082 0.7041	0.9394	0.8326	Ave		0.8766				11.5		20.0			
1,1-Dichloroethane	+++++ 0.4841	0.5304 0.4446	0.5286 0.3755	0.4973	0.4374	Ave		0.4711			0.2000	11.8		20.0			
Vinyl acetate	+++++ 0.3593	0.3325 0.3776	0.2788 0.4353	0.3061	0.3263	Ave		0.3451				14.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2246	0.2076 0.2105	0.2476 0.1820	0.2340	0.1844	Ave		0.2130				11.5		20.0			
Tert-butyl ethyl ether	+++++ 0.8171	0.7552 0.7559	0.8377 0.6722	0.8385	0.7917	Ave		0.7812				7.6		20.0			
2,2-Dichloropropane	+++++ 0.0786	0.0729 0.0792	0.0727 0.0633	0.0719	0.0679	Ave		0.0723				7.7		20.0			
cis-1,2-Dichloroethene	+++++ 0.2896	0.3225 0.2664	0.3220 0.2460	0.3042	0.2623	Ave		0.2875			0.1000	10.5		20.0			
2-Butanone	+++++ 0.2525	0.2726 0.2514	0.3147 0.2465	0.2604	0.2398	Ave		0.2625			0.0500	9.6		20.0			
Ethyl acetate	+++++ 0.2336	0.1587 0.2303	0.2948 0.2274	0.2424	0.2239	Ave		0.2301				17.3		20.0			
Methyl acrylate	+++++ 0.2262	0.2010 0.2170	0.2021 0.2206	0.1949	0.2088	Ave		0.2101				5.5		20.0			
Propionitrile	+++++ 10.916	11.098 10.589	13.611 8.7278	13.859	11.384	Ave		11.455				15.6		20.0			
Tetrahydrofuran	+++++ 0.2972	0.3432 0.2816	0.4047 0.2776	0.3159	0.2859	Ave		0.3152				14.5		20.0			
Chlorobromomethane	+++++ 0.1419	0.1388 0.1315	0.1601 0.1310	0.1494	0.1312	Ave		0.1405				7.8		20.0			
Methacrylonitrile	+++++ 0.1088	0.0938 0.0972	0.1098 0.0743	0.1076	0.1034	Ave		0.0993				12.6		20.0			
Chloroform	+++++ 0.4306	0.4191 0.4014	0.4686 0.3559	0.4616	0.3987	Ave		0.4194			0.2000	9.3		20.0			
Cyclohexane	+++++ 0.3603	0.2881 0.3277	0.3861 +++++	0.3477	0.2365	Ave		0.3244			0.1000	16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3241	0.3361 0.3164	0.3497 0.2256	0.3425	0.2708	Ave		0.3093			0.1000	14.6		20.0			
Carbon tetrachloride	+++++ 0.2274	0.2153 0.2386	0.2150 0.1576	0.2052	0.1709	Ave		0.2043			0.1000	14.5		20.0			
1,1-Dichloropropene	+++++ 0.3395	0.3489 0.3134	0.3793 0.2091	0.3504	0.2835	Ave		0.3177				17.8		20.0			
Isobutyl alcohol	+++++ 2.4186	1.9833 +++++	1.8813 +++++	2.0318	2.5568	Ave		2.1744				13.6		20.0			
Isooctane	+++++ 0.8711	0.7881 0.8816	0.8442 0.5326	0.7666	0.5446	Ave		0.7470				19.9		20.0			
Benzene	+++++ 1.4630	1.6180 1.2447	1.5868 +++++	1.5308	1.3203	Ave		1.4606			0.5000	10.2		20.0			
Isopropyl acetate	+++++ 0.1382	0.1017 0.1376	0.1409 0.1355	0.1332	0.1271	Ave		0.1306				10.3		20.0			
Tert-amyl methyl ether	+++++ 0.8677	0.7412 0.7423	0.8693 0.7538	0.8246	0.7516	Ave		0.7929				7.4		20.0			
1,2-Dichloroethane	+++++ 0.3257	0.3471 0.3039	0.3618 0.2834	0.3525	0.3095	Ave		0.3263			0.1000	8.8		20.0			
n-Heptane	+++++ 0.0578	0.0314 0.0544	0.0619 0.0185	0.0508	0.0342	Ave		0.0441				36.6	*	20.0			
n-Butanol	+++++ 1.4755	1.1053 1.8069	1.3200 1.7299	1.4472	1.3001	Ave		1.4550				16.9		20.0			
Trichloroethene	+++++ 0.2532	0.2504 0.2361	0.2602 0.1896	0.2508	0.2198	Ave		0.2372			0.2000	10.5		20.0			
Methylcyclohexane	+++++ 0.4032	0.3615 0.3925	0.4283 +++++	0.3652	0.2738	Ave		0.3708			0.1000	14.5		20.0			
Ethyl acrylate	+++++ 0.0360	0.0116 0.0354	0.0388 0.0285	0.0302	0.0256	QuaF		0.0393	-0.000022						0.9990		0.9900
1,2-Dichloropropane	+++++ 0.2753	0.2495 0.2649	0.2776 0.2493	0.2790	0.2621	Ave		0.2654			0.1000	4.7		20.0			
Methyl methacrylate	+++++ 0.0635	0.0365 0.0630	0.0527 0.0641	0.0540	0.0565	Ave		0.0558				17.4		20.0			
1,4-Dioxane	+++++ 1.0571	0.8372 1.3392	0.9936 1.2484	1.1008	1.0301	Ave		1.0866				15.3		20.0			
Dibromomethane	+++++ 0.1531	0.1507 0.1471	0.1615 0.1451	0.1634	0.1467	Ave		0.1525				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3444	0.3738 0.3467	0.3754 0.3390	0.3094	0.3154	Ave		0.3434				7.4		20.0			
Bromodichloromethane	+++++ 0.2774	0.2740 0.2870	0.2728 0.2781	0.2821	0.2526	Ave		0.2749			0.2000	4.0		20.0			
2-Nitropropane	+++++ 0.0317	0.0726 0.0362	0.0527 0.0427	0.0348	0.0287	QuaF		0.0316	0.0000110						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1708	0.1647 0.1661	0.1617 0.1635	0.1714	0.1536	Ave		0.1646				3.7		20.0			
Epichlorohydrin	0.2197 0.2168	0.2270 0.2069	0.2221 0.1835	0.2138	0.2070	Ave		0.2121				6.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5721	0.4961 0.5546	0.5438 0.5090	0.5362	0.5063	Ave		0.5312			0.2000	5.3		20.0			
4-Methyl-2-pentanone	+++++ 0.9355	0.8222 0.9004	0.9270 0.7773	0.9018	0.8640	Ave		0.8755			0.0500	6.6		20.0			
Toluene	+++++ 1.4578	1.9355 1.2618	1.8854 +++++	1.5415	1.3408	Ave		1.5705			0.4000	17.9		20.0			
trans-1,3-Dichloropropene	+++++ 0.4801	0.4216 0.4747	0.4456 0.4493	0.4256	0.4325	Ave		0.4470			0.1000	5.2		20.0			
Ethyl methacrylate	+++++ 0.4530	0.2402 0.4582	0.3105 0.4386	0.3505	0.3792	QuaF		0.4669	-0.000056						1.0000		0.9900
1,1,2-Trichloroethane	+++++ 0.2654	0.2359 0.2536	0.2912 0.2466	0.2583	0.2527	Ave		0.2577			0.1000	6.8		20.0			
Tetrachloroethene	+++++ 0.3469	0.3682 0.3257	0.3701 0.2343	0.3575	0.2999	Ave		0.3289			0.2000	14.8		20.0			
1,3-Dichloropropane	+++++ 0.5338	0.5144 0.4960	0.5855 0.4623	0.5297	0.5069	Ave		0.5184				7.3		20.0			
2-Hexanone	+++++ 1.5425	1.3671 1.3778	1.5337 1.0129	1.4990	1.4411	Ave		1.3963			0.0500	13.1		20.0			
n-Butyl acetate	+++++ 0.5371	0.4320 0.5341	0.4317 0.4865	0.4295	0.4500	Ave		0.4716				10.2		20.0			
Dibromochloromethane	+++++ 0.2674	0.2059 0.2877	0.2088 0.2982	0.2258	0.2230	Ave		0.2453			0.1000	15.7		20.0			
1,2-Dibromoethane	+++++ 0.3043	0.3059 0.2833	0.2848 0.2769	0.2885	0.2794	Ave		0.2890			0.1000	4.0		20.0			
Chlorobenzene	+++++ 0.9503	0.9538 0.8657	1.0605 0.6825	1.0009	0.8739	Ave		0.9125			0.5000	13.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5234	0.5025 0.4923	0.5552 0.3989	0.5136	0.4650	Ave		0.4930			0.1000	10.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2781	0.2636 0.3021	0.2695 0.2920	0.2281	0.2254	Ave		0.2656				11.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6407	0.5450 0.6012	0.6804 0.4816	0.6131	0.5712	Ave		0.5904			0.1000	11.0		20.0			
o-Xylene	+++++ 0.6493	0.6111 0.6115	0.6403 0.5038	0.6073	0.5956	Ave		0.6027			0.3000	7.9		20.0			
n-Butyl acrylate	+++++ 0.2626	0.1685 +++++	0.1837 +++++	0.1799	0.2052	Ave		0.2000				18.7		20.0			
Styrene	+++++ 1.0555	0.9874 0.9602	0.9537 0.7305	1.0344	0.9570	Ave		0.9541			0.3000	11.1		20.0			
Bromoform	+++++ 0.1601	0.0932 0.1863	0.1034 0.1991	0.1235	0.1294	Qua2	-0.026	0.1390	0.0001380		0.1000				0.9920		0.9900
Amyl acetate (mixed isomers)	+++++ 1.1753	0.6542 1.2200	0.8182 1.0521	0.8091	0.9224	QuaF		1.3043	-0.000503						1.0000		0.9900
Isopropylbenzene	+++++ 1.4650	1.2835 1.2814	1.5069 +++++	1.3971	1.2854	Ave		1.3699			0.1000	7.4		20.0			
Bromobenzene	+++++ 0.7333	0.8123 0.6812	0.6924 0.6236	0.7563	0.6821	Ave		0.7116				8.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7288	0.6383 0.6919	0.6812 0.6667	0.7094	0.6918	Ave		0.6869			0.3000	4.2		20.0			
N-Propylbenzene	+++++ 3.3443	3.3690 2.6467	3.6041 +++++	3.3685	3.0370	Ave		3.2283				10.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2012	0.1854 0.1896	0.1917 0.1945	0.2141	0.1959	Ave		0.1961				4.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1789	0.1260 0.1902	0.1442 0.2007	0.1300	0.1421	Ave		0.1589				19.1		20.0			
2-Chlorotoluene	+++++ 2.3018	2.2838 2.0334	2.4465 +++++	2.3823	2.1503	Ave		2.2663				6.7		20.0			
4-Ethyltoluene	+++++ 2.8164	2.7816 2.3710	2.8587 +++++	2.7845	2.6105	Ave		2.7038				6.8		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3367	2.2389 2.0535	2.4030 +++++	2.2432	2.1488	Ave		2.2373				5.6		20.0			
4-Chlorotoluene	+++++ 2.2954	2.2558 1.9029	2.2186 +++++	2.2482	2.1470	Ave		2.1780				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.7702	0.3735 0.8486	0.3810 0.7885	0.4487	0.5526	QuaF		0.8655	-0.000153						0.9990		0.9900
tert-Butylbenzene	+++++ 1.9827	1.9157 1.8467	1.9205 +++++	1.8839	1.7233	Ave		1.8788				4.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4623	2.3250 2.0792	2.4210 +++++	2.4255	2.2682	Ave		2.3302				6.1		20.0			
sec-Butylbenzene	+++++ 3.0339	2.8924 2.4891	3.1063 +++++	2.9359	2.6432	Ave		2.8501				8.3		20.0			
1,3-Dichlorobenzene	+++++ 1.4251	1.3969 1.2805	1.4473 +++++	1.4681	1.3298	Ave		1.3913			0.6000	5.2		20.0			
4-Isopropyltoluene	+++++ 2.6452	2.2244 2.1959	2.6010 +++++	2.6125	2.3702	Ave		2.4415				8.4		20.0			
1,4-Dichlorobenzene	+++++ 1.4249	1.4138 1.2752	1.4373 +++++	1.4258	1.3449	Ave		1.3870			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6746	2.5962 2.1691	2.6789 +++++	2.5928	2.4796	Ave		2.5319				7.6		20.0			
Benzyl chloride	+++++ 1.1565	0.8156 1.2322	0.8315 1.0234	0.8290	0.9697	Ave		0.9797				17.1		20.0			
Indan	+++++ 2.5724	2.2234 2.0772	2.5745 +++++	2.5496	2.4421	Ave		2.4065				8.7		20.0			
p-Diethylbenzene	+++++ 1.6902	1.4209 1.5079	1.5716 +++++	1.6434	1.5283	Ave		1.5604				6.2		20.0			
n-Butylbenzene	+++++ 1.4290	1.2084 1.3102	1.3884 +++++	1.4118	1.2761	Ave		1.3373				6.5		20.0			
1,2-Dichlorobenzene	+++++ 1.3975	1.2760 1.2540	1.4953 +++++	1.4083	1.3680	Ave		1.3665			0.4000	6.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6054	2.4990 2.0808	2.4962 +++++	2.5308	2.4365	Ave		2.4414				7.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1047	0.0662 0.1164	0.0808 +++++	0.0711	0.0825	QuaF		0.0963	0.0001009		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.1984	1.2324 1.1032	1.1520 +++++	1.1722	1.1346	Ave		1.1655				4.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1474	0.9771 1.0360	1.2379 0.7339	1.1087	1.0705	Ave		1.0445			0.2000	15.3		20.0			
Hexachlorobutadiene	+++++ 0.5686	0.5262 0.5812	0.6445 0.3692	0.5690	0.5026	Ave		0.5373				16.1		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.6676	2.2473 2.0816	2.6304 +++++	2.4948	2.5103	Ave		2.4387				9.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.1141	1.0291 1.0180	1.1479 +++++	1.0810	1.0442	Ave		1.0724				4.8		20.0			
Dibromofluoromethane (Surr)	0.2348 0.2437	0.2388 0.2428	0.2461 0.2429	0.2445	0.2421	Ave		0.2420				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2846 0.2901	0.2804 0.2867	0.2850 0.2976	0.2848	0.2794	Ave		0.2861				2.0		20.0			
Toluene-d8 (Surr)	1.3487 1.3424	1.3514 1.3447	1.3485 1.3309	1.3187	1.3294	Ave		1.3394				0.9		20.0			
Bromofluorobenzene	0.4249 0.4247	0.4165 0.4205	0.4233 0.4105	0.4239	0.4186	Ave		0.4204				1.2		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 53801	44 162110	869 539370	5195	19442	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 207020	2228 1042245	4394 +++++	23398	90798	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chlorodifluoromethane	FB	QuaF	+++++ 34831	313 118499	1301 354929	3940	13027	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 282674	2424 1150107	5369 2964620	28347	112662	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 228967	2236 970397	5188 2704086	24663	93409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1204 216587	2329 942423	3511 2662135	24498	91514	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 172000	1656 672942	3393 1697817	18168	69906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 141736	1967 566334	3391 +++++	15726	56795	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 395205	4097 1553847	8846 4043243	43554	155424	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 233053	2320 1010002	4636 2840667	25033	97371	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	QuaF	+++++ 60290	406 204922	1088 +++++	5396	12371	+++++ 100	1.00 400	2.00 +++++	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 35649	+++++ 161235	+++++ 458088	4906	14031	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Lin2	+++++ 121906	3200 451936	4176 1195813	13497	45741	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 172034	1719 624277	3384 +++++	16179	46358	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 169711	1121 609493	2794 1897047	16365	64690	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 274264	2510 988297	5905 2970032	28531	106189	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 64502	1645 130687	2032 285379	12364	27263	+++++ 100	2.00 200	4.00 400	20.0	40.0
Freon TF	FB	Ave	+++++ 162278	1440 658910	3210 +++++	15491	39322	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 172977	2158 650894	3972 +++++	19159	53707	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetone	BUT	Ave	+++++ 290517	3769 1294320	5810 3402964	26613	98299	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 326506	3295 1167619	7177 2612053	33312	112682	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 101890	880 419842	1737 1286832	9537	32866	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 668760	6783 2030726	15045 +++++	71216	208546	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 126041	1298 496313	2667 1136356	13206	42210	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 310991	3697 1149438	6056 2915935	28766	116061	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 406899	4195 1374648	8150 +++++	39689	113930	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 314535	2358 927126	4940 2402595	30008	107930	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 217627	2843 823038	4512 2054374	23289	81396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 180527	1083 684533	3179 2198901	13076	56492	+++++ 500	5.00 2000	10.0 5000	50.0	200
MTBE	FB	Ave	+++++ 563175	5738 2229557	11405 5345732	58732	214874	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 199528	2083 742155	4594 1557539	21231	68954	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3657 784684	7067 2917096	15505 6379978	77919	296415	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 262399	2550 925192	4712 706245	21905	58343	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 680621	7231 2572298	14858 5903918	70772	249997	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 368161	4073 1402859	7790 3148960	37466	131331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++	526	888	4982	21364	+++++	1.00	2.00	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			61212	268759	864927			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	+++++ 170832	1594 664236	3649 1525911	17628	55366	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 621479	5799 2385024	12345 5636746	63169	237711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 59779	560 249805	1071 530531	5417	20384	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 220273	2476 840557	4745 2062470	22915	78756	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone	BUT	Ave	+++++ 107537	1078 447232	2506 1224508	10594	39252	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 39794	251 163873	939 451876	3945	14658	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 172034	1543 684693	2978 1849793	14680	62688	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 283613	2265 1122678	5490 2912975	28865	105890	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 50643	543 200427	1289 551568	5140	18717	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 107921	1066 414865	2359 1098245	11256	39394	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 827560	7199 3067017	16180 6230054	81049	310440	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 327502	3218 1266553	6906 2984524	34774	119706	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 274015	2212 1034058	5690 +++++	26195	71026	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 246535	2581 998235	5153 1891529	25804	81308	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 172948	1653 752803	3168 1321700	15456	51314	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 258246	2679 989015	5590 1753410	26399	85126	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 157092	1012 +++++	1897 +++++	10579	59457	+++++ 1250	12.5 +++++	25.0 +++++	125	500
Isooctane	FB	Ave	+++++ 662562	6051 2781946	12442 4465955	57756	163531	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 789641	8574 2848559	16573 +++++	82447	281551	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Isopropyl acetate	FB	Ave	+++++	781	2077	10035	38158	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			105081	434229	1136534			50.0	200	500		
Tert-amyl methyl ether	FB	Ave	+++++ 659971	5691 2342305	12811 6321068	62126	225670	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 247739	2665 958964	5332 2376646	26557	92940	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 43952	241 171680	912 155049	3828	10281	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 95838	564 478916	1331 1443443	7535	30234	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 192609	1923 744870	3835 1589878	18897	65984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 306689	2776 1238604	6312 +++++	27517	82214	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 27410	89 111757	572 238571	2273	7693	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 209351	1916 836022	4091 2090847	21016	78711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 96525	560 397823	1554 1074433	8139	33958	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 40830	720 164432	1575 464769	4008	14292	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 116441	1157 464145	2380 1216586	12311	44051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 261956	2870 1093991	5533 2842478	23308	94713	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 210962	2104 905573	4020 2332147	21255	75848	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 48209	1115 228389	1552 715471	5247	17241	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 130234	1268 525466	2389 1374141	12947	46237	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1841 369479	3591 1472568	7074 3645202	34795	135521	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 308760	2629 1269175	5680 3111522	28882	107960	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 398487	3252 1602068	7382 3860713	36688	141420	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 786819	10256 2887517	19692 +++++	83026	285919	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 259110	2234 1086262	4654 2746373	22923	92220	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	QuaF	+++++ 244497	1273 1048621	3243 2681146	18880	80867	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 143222	1250 580434	3041 1507602	13911	53882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 187252	1951 745266	3865 1432037	19255	63942	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 288130	2726 1135169	6115 2826061	28531	108095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 657031	5407 2451468	12214 5030824	60986	235893	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 289879	2289 1222252	4509 2973678	23134	95962	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 144311	1091 658507	2181 1822645	12161	47553	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 164226	1621 648323	2975 1692728	15537	59584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 512880	5054 1981185	11076 4171973	53911	186358	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 282468	2663 1126615	5799 2438718	27662	99148	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 150105	1397 691463	2815 1784857	12287	48055	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 345782	2888 1375720	7106 2944065	33020	121807	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 350433	3238 1399457	6687 3079741	32707	126998	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++	893	1919	9687	43763	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			141751	+++++	+++++			50.0	+++++	+++++		
Styrene	CBNZd5	Ave	+++++ 569661	5232 2197483	9961 4465588	55715	204083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Qua2	+++++ 86385	494 426243	1080 1217270	6654	27602	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	QuaF	+++++ 362356	1937 1575582	4819 3478634	24414	109884	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 790679	6801 2932394	15739 +++++	75249	274104	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 226091	2405 879797	4078 2061871	22820	81261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 224690	1890 893591	4012 2204604	21405	82414	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1031101	9975 3418095	21227 +++++	101645	361817	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 62032	549 244842	1129 642973	6461	23342	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 55143	373 245682	849 663589	3923	16928	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 709689	6762 2626026	14409 +++++	71886	256171	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 868359	8236 3061974	16837 +++++	84022	310997	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 720436	6629 2651978	14153 +++++	67688	256000	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 707720	6679 2457518	13067 +++++	67840	255786	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 237463	1106 1095950	2244 2607074	13540	65832	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 611290	5672 2384983	11311 +++++	56847	205306	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 759181	6884 2685218	14259 +++++	73188	270226	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 935405	8564 3214567	18295 +++++	88591	314892	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 439369	4136 1653754	8524 +++++	44299	158427	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 815553	6586 2835901	15319 +++++	78832	282371	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 439317	4186 1646817	8465 +++++	43024	160218	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 824614	7687 2801254	15778 +++++	78236	295403	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 356575	2415 1591290	4897 3383816	25014	115528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 793118	6583 2682634	15163 +++++	76935	290937	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 521107	4207 1947360	9256 +++++	49589	182074	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 440576	3578 1692074	8177 +++++	42601	152024	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 430887	3778 1619427	8807 +++++	42495	162977	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 803294	7399 2687202	14702 +++++	76366	290271	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	QuaF	+++++ 32290	196 150385	476 +++++	2144	9829	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 369501	3649 1424767	6785 +++++	35371	135169	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 353761	2893 1337970	7291 2426732	33454	127533	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 175312	1558 750616	3796 1220751	17169	59875	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 822459	6654 2688308	15492 +++++	75281	299067	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 343502	3047 1314680	6761 +++++	32618	124400	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	186606 185359	183336 191530	181380 203698	184231	181765	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	226150 220651	215314 226145	209991 249535	214599	209757	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	762784 724540	716109 769312	704212 813589	710246	708732	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	240320 229236	220729 240593	221049 250955	228299	223148	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	+++++	+++++	2.0						30		
Ethyl ether	+++++	-0.5						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Aug-2024 08:07:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0180260-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:10:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:33:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.588	1.570	0.018	28	1204	0.2500	0.2551	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	34478	1000.0	1000.0	
35 Acrylonitrile	53	3.082	3.070	0.012	99	3657	2.00	2.34	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	419005	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	186606	50.0	48.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226150	50.0	49.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	794663	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	29940	1000.0	1000.0	
80 Epichlorohydrin	57	6.221	6.222	-0.001	96	1841	5.00	5.18	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	762784	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	565550	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	96	240320	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	312475	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

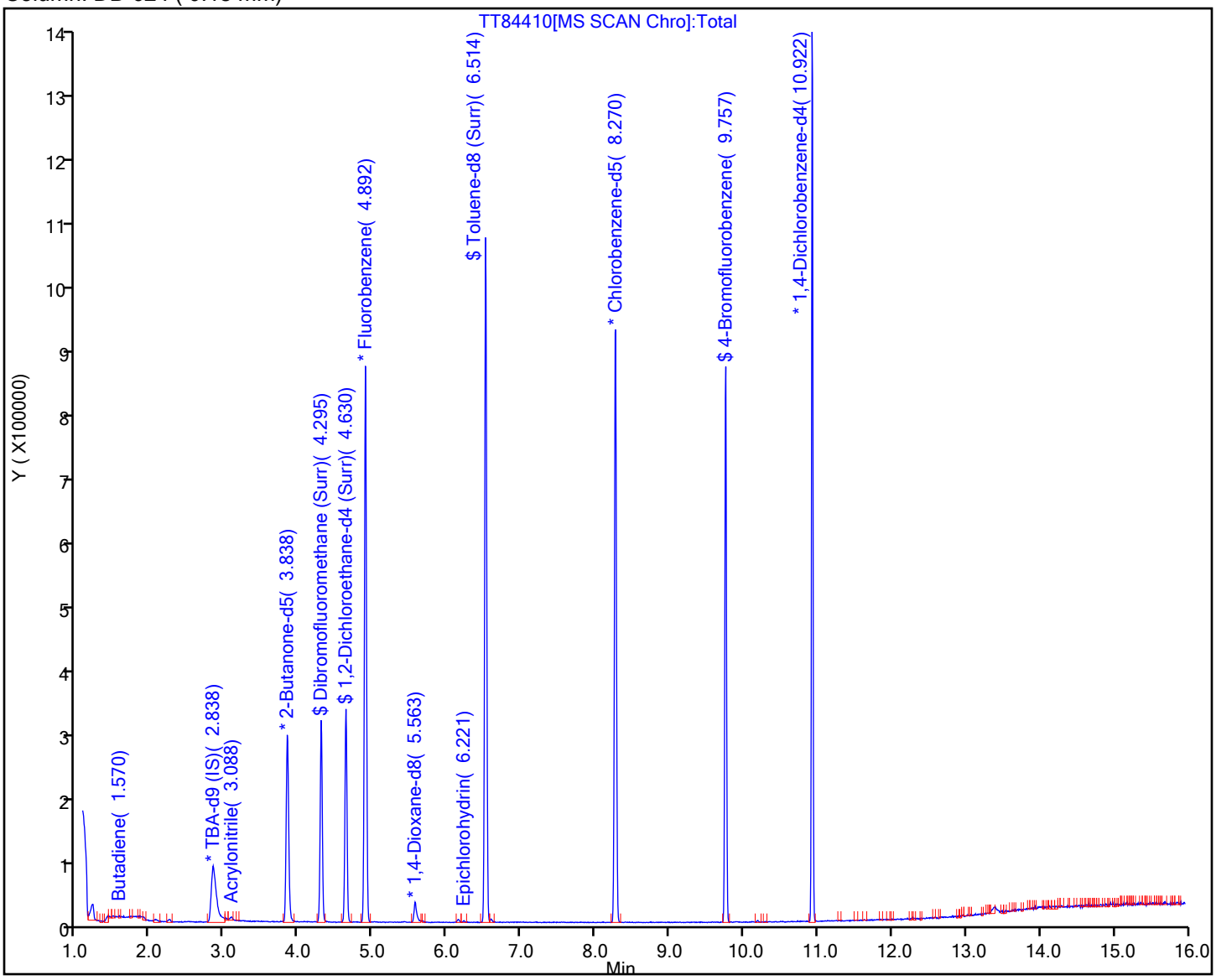
Reagents:

524FREONS_00023	Amount Added:	0.00	Units: uL	
ACROLEIN W_00173	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	0.00	Units: uL	
14DIOXINTER_00172	Amount Added:	0.00	Units: uL	
GASES Li_00600	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
Ethanol mix_00092	Amount Added:	0.00	Units: uL	
MIX I Hi_00179	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	0.00	Units: uL	
GAS Hi_00477	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00128	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:10:52 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison

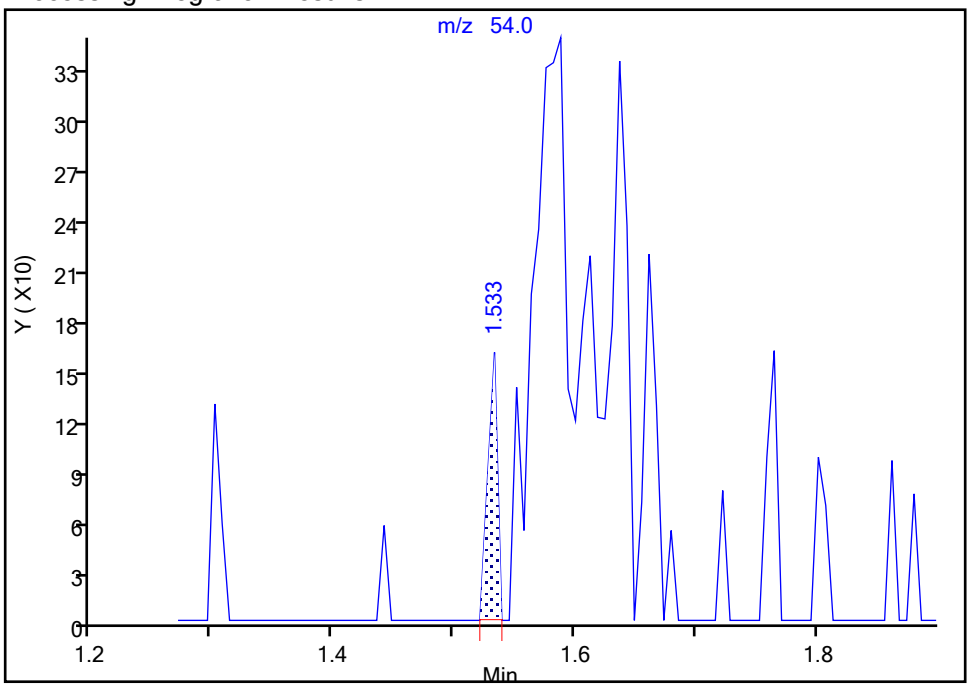
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

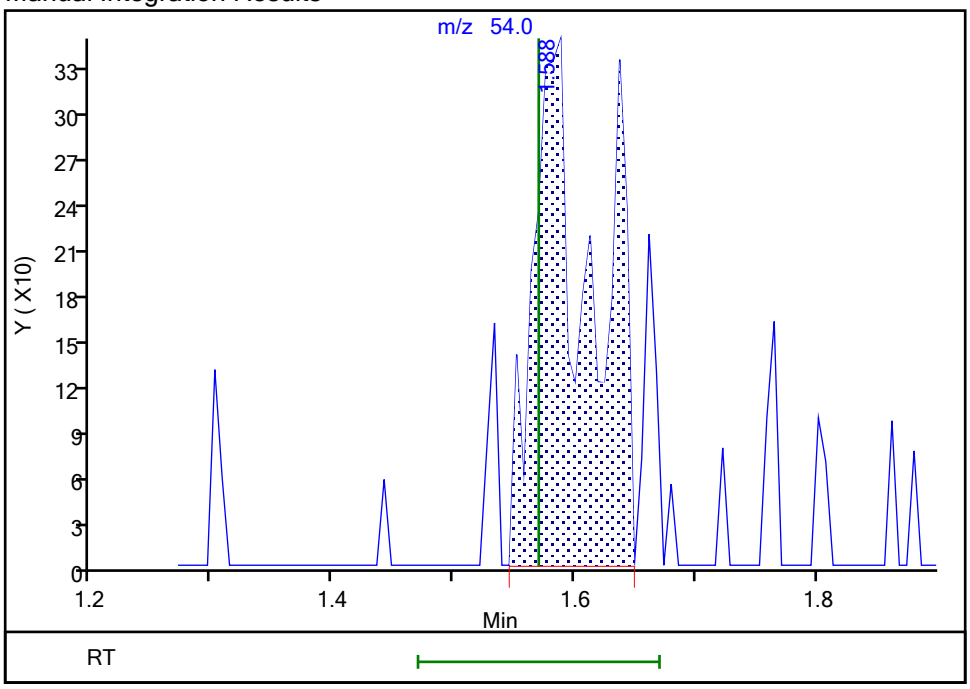
Processing Integration Results

RT: 1.53
Area: 89
Amount: 0.474863
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 1204
Amount: 0.255128
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

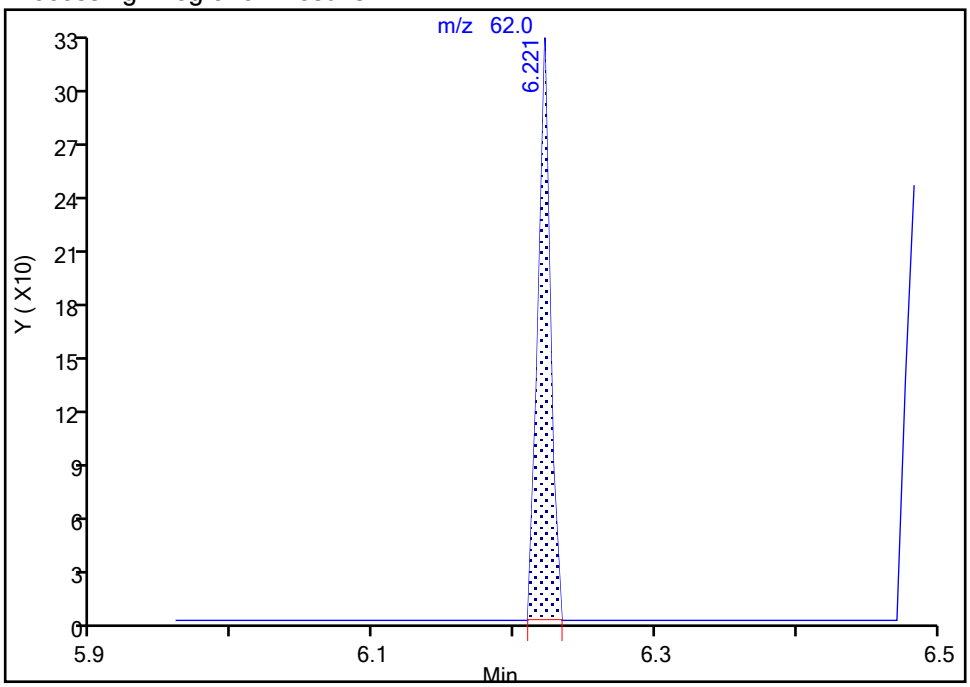
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

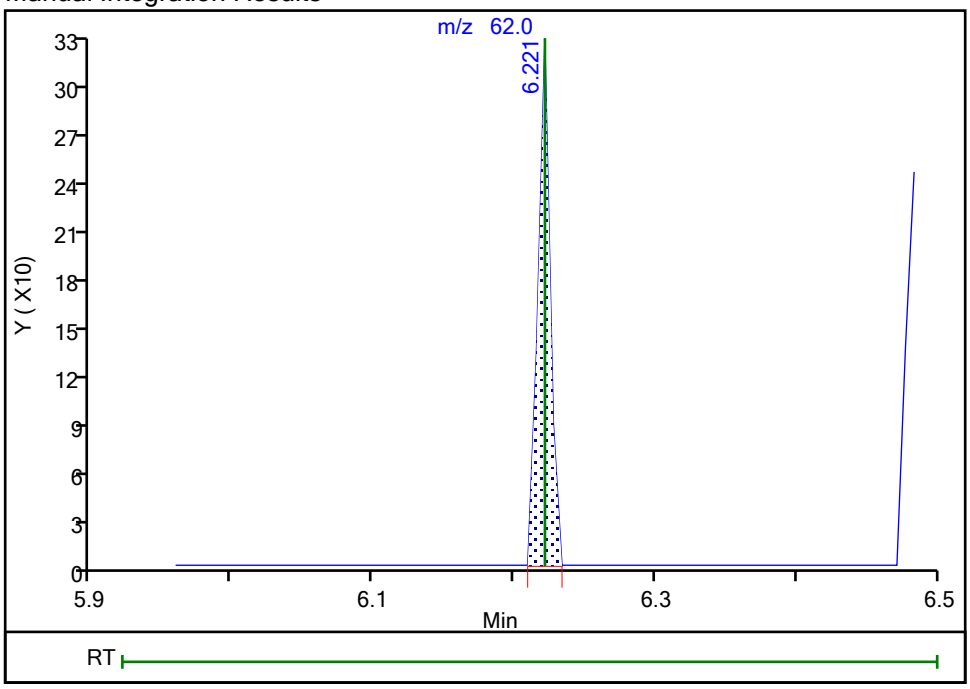
Processing Integration Results

RT: 6.22
Area: 198
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 198
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

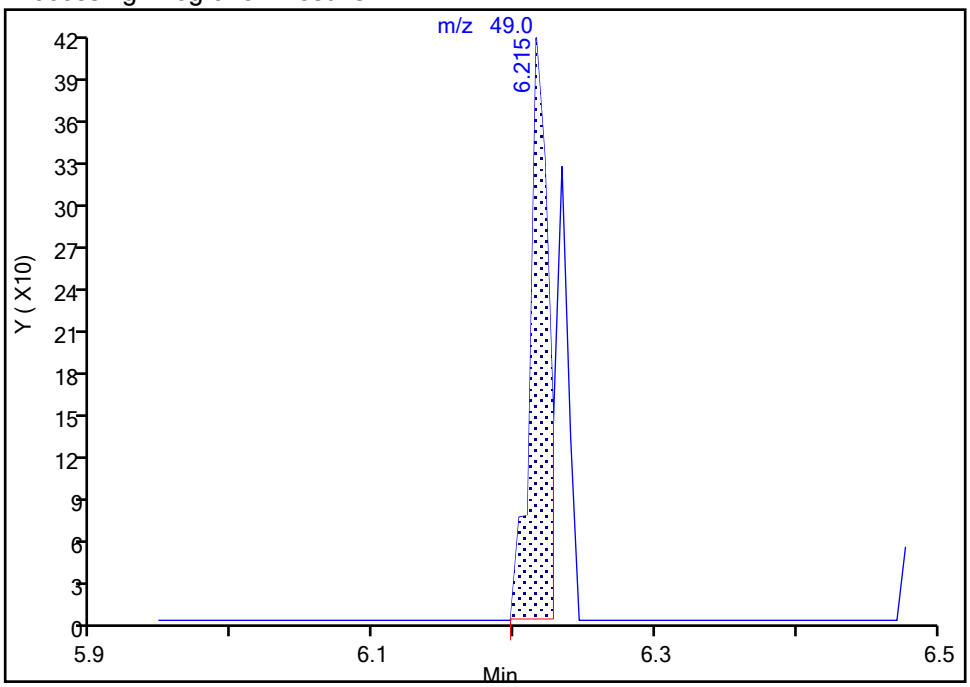
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

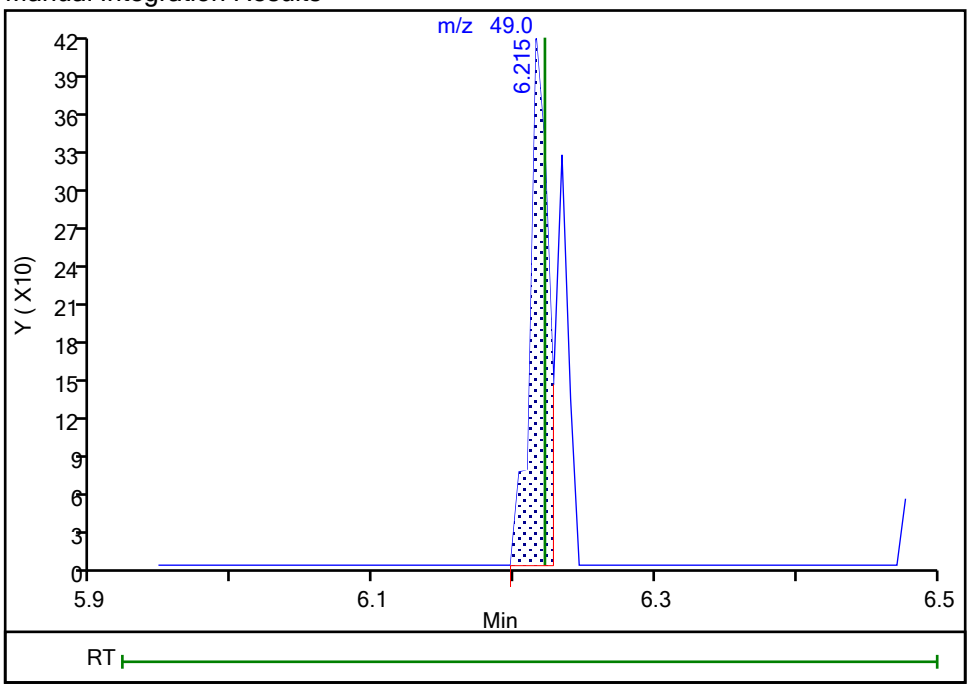
Processing Integration Results

RT: 6.22
Area: 376
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 376
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

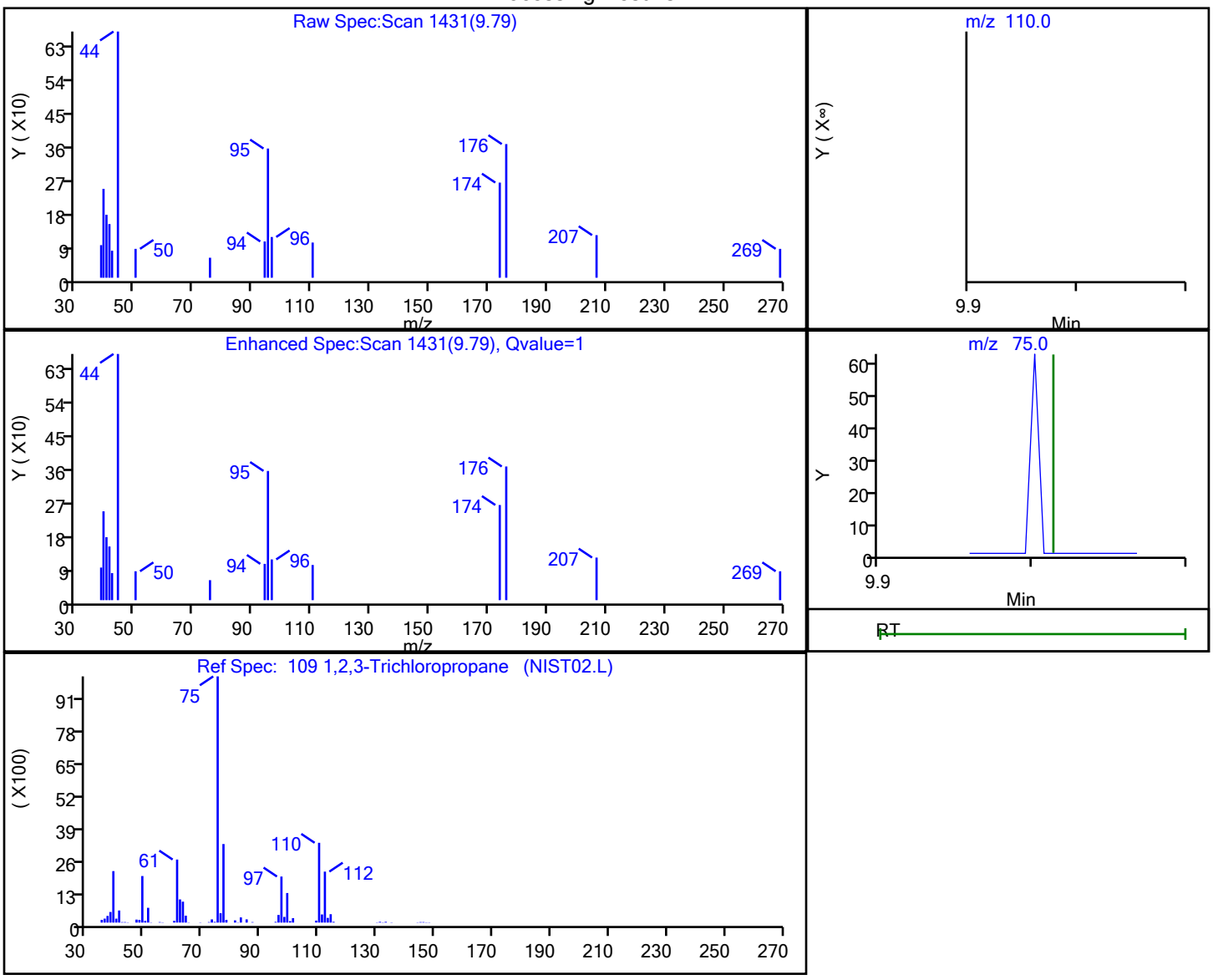
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.79	110.00	63	0.053463
9.80	75.00	40	

Reviewer: FK2C, 30-Aug-2024 09:33:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

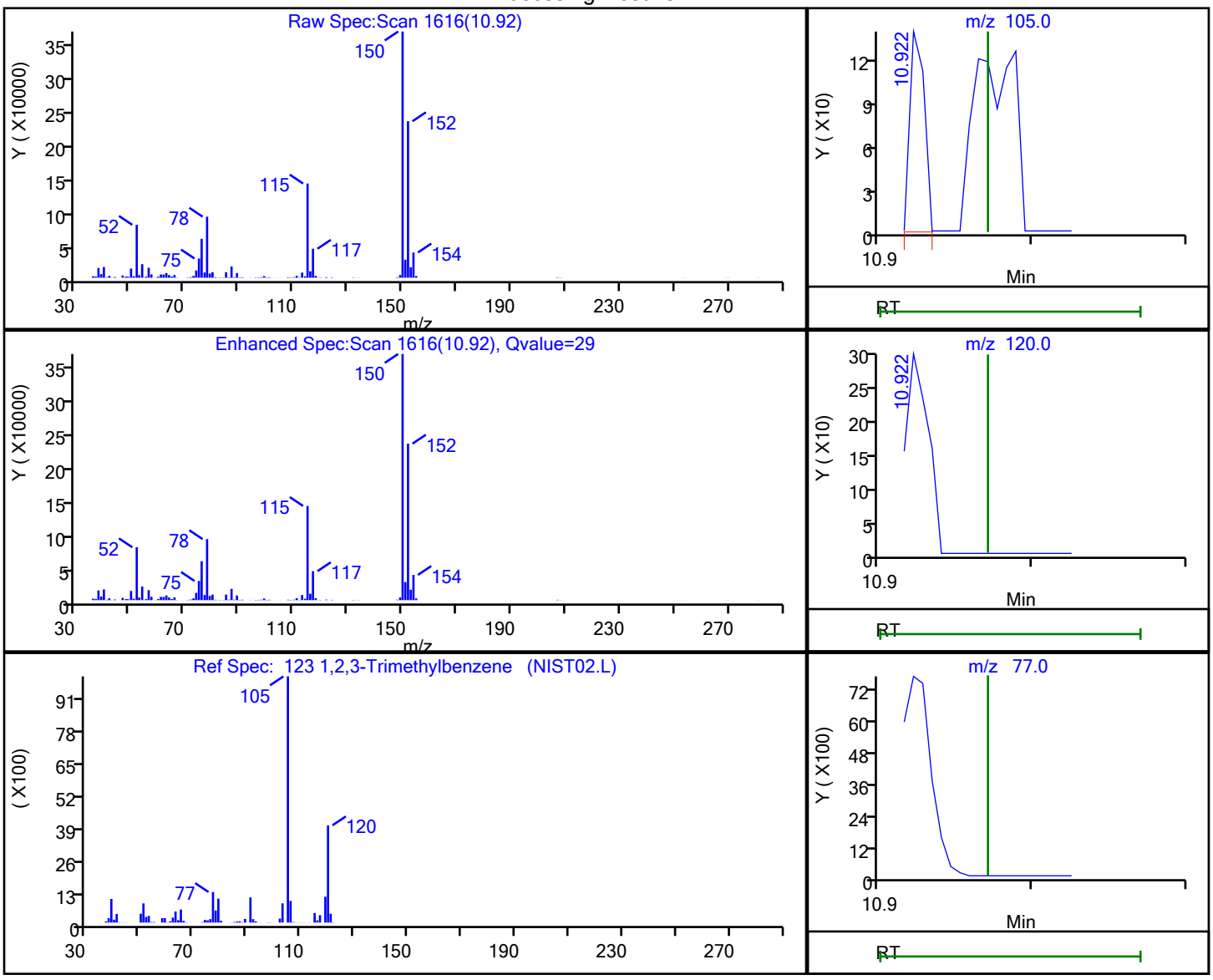
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.005278
10.92	120.00	336	
10.92	77.00	10715	

Reviewer: FK2C, 30-Aug-2024 09:33:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

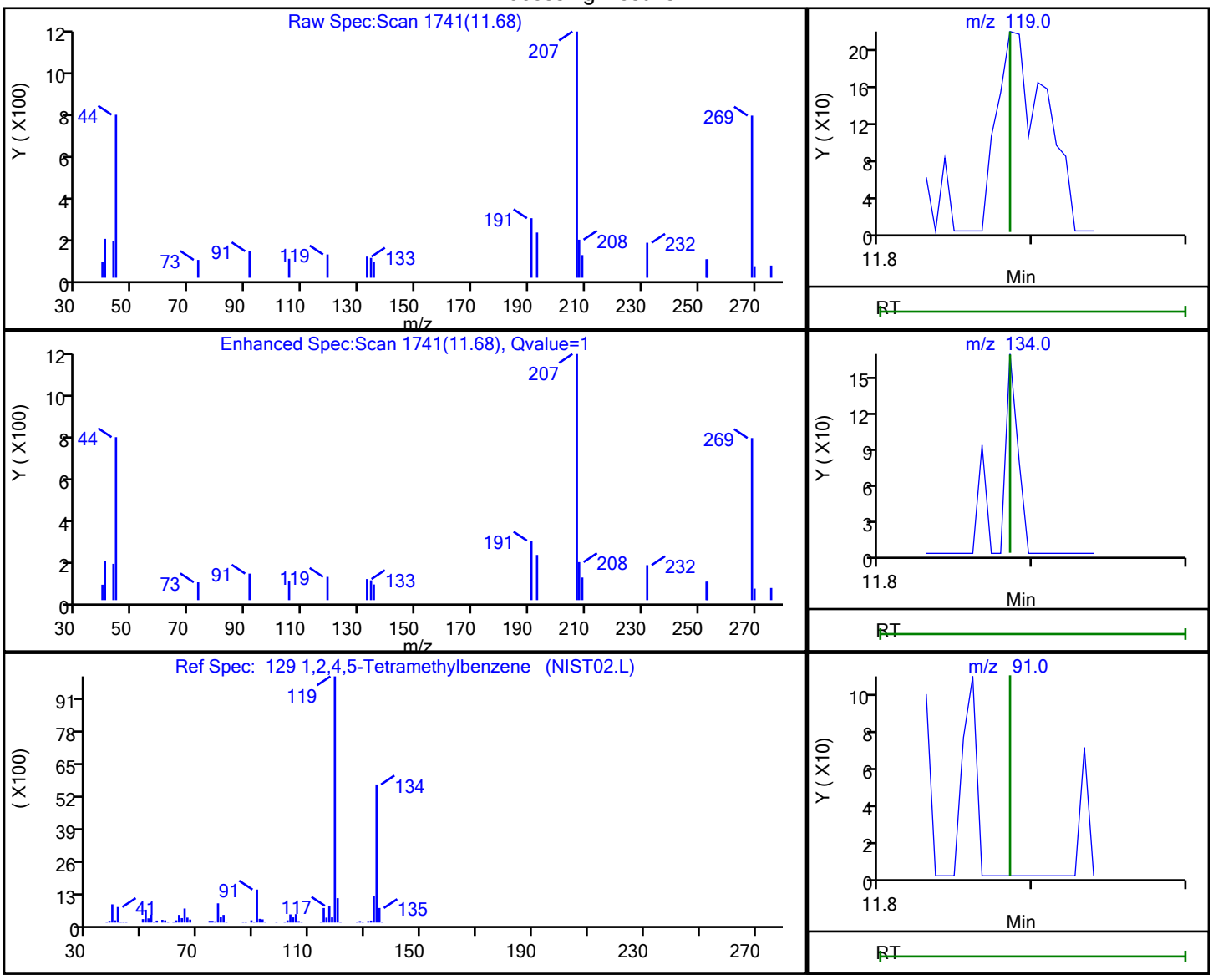
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.68	119.00	59	0.003780
11.68	134.00	118	
11.68	91.00	96	

Reviewer: FK2C, 30-Aug-2024 09:33:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

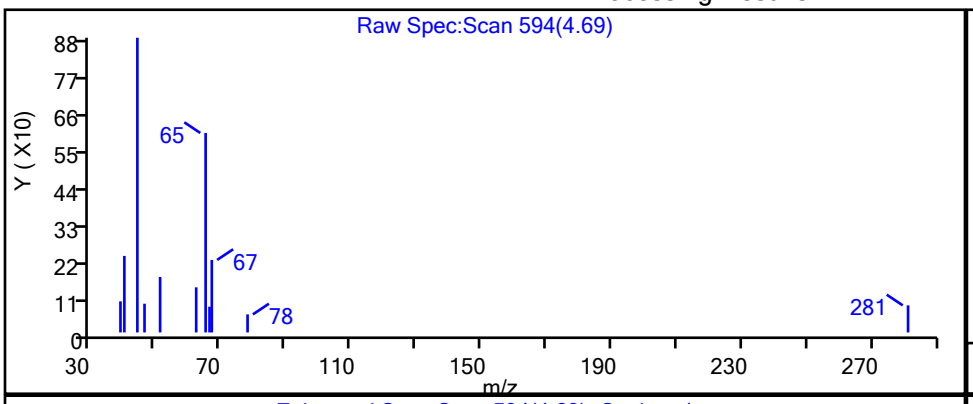
User Disabled Compound Report

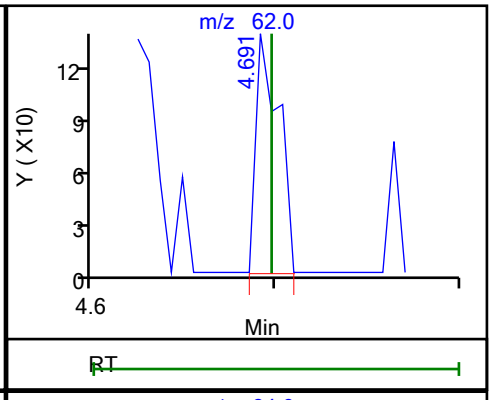
Eurofins Edison

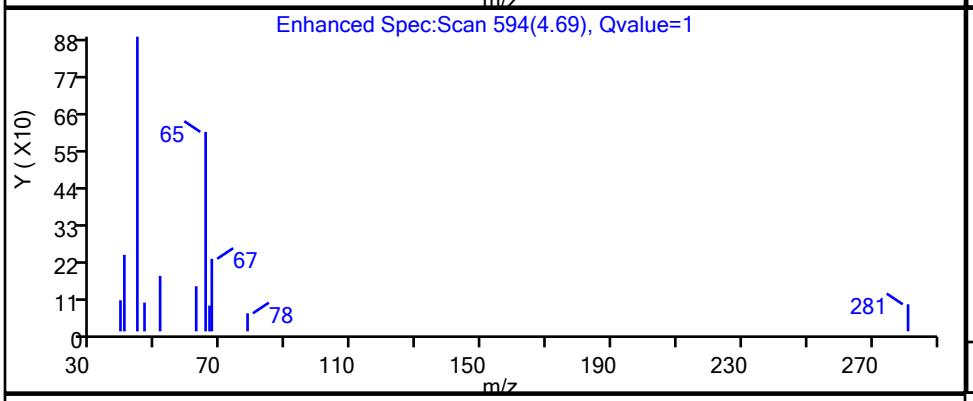
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

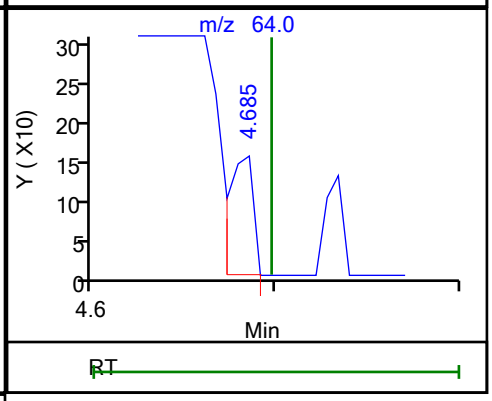
64 1,2-Dichloroethane, CAS: 107-06-2

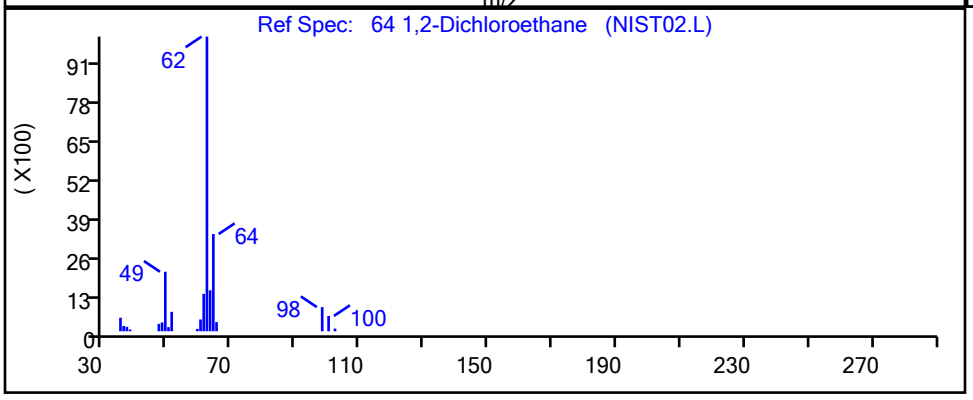
Processing Results











RT	Mass	Response	Amount
4.69	62.00	117	0.020770
4.69	64.00	143	

Reviewer: FK2C, 30-Aug-2024 09:33:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

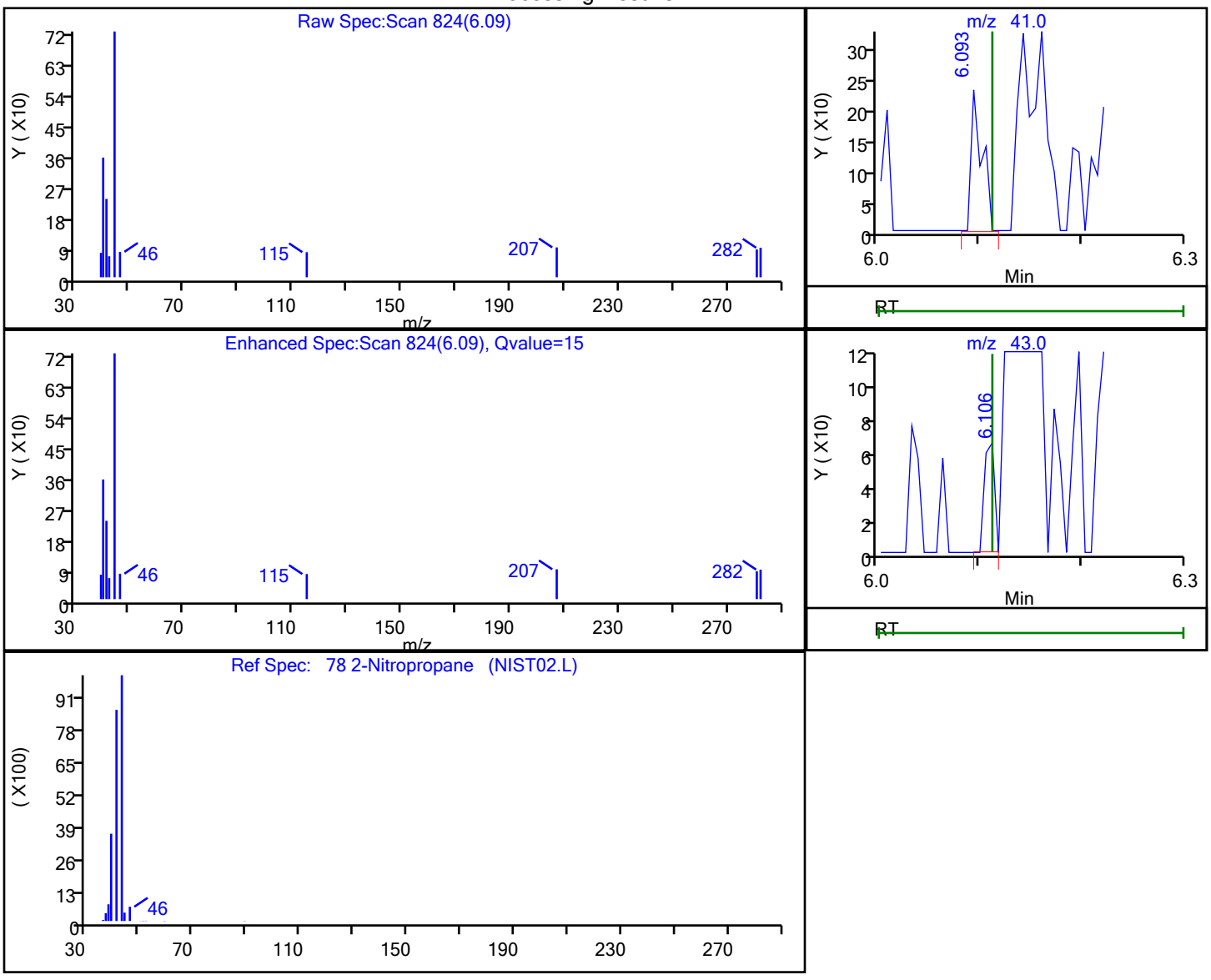
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.09	41.00	174	0.108619
6.11	43.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

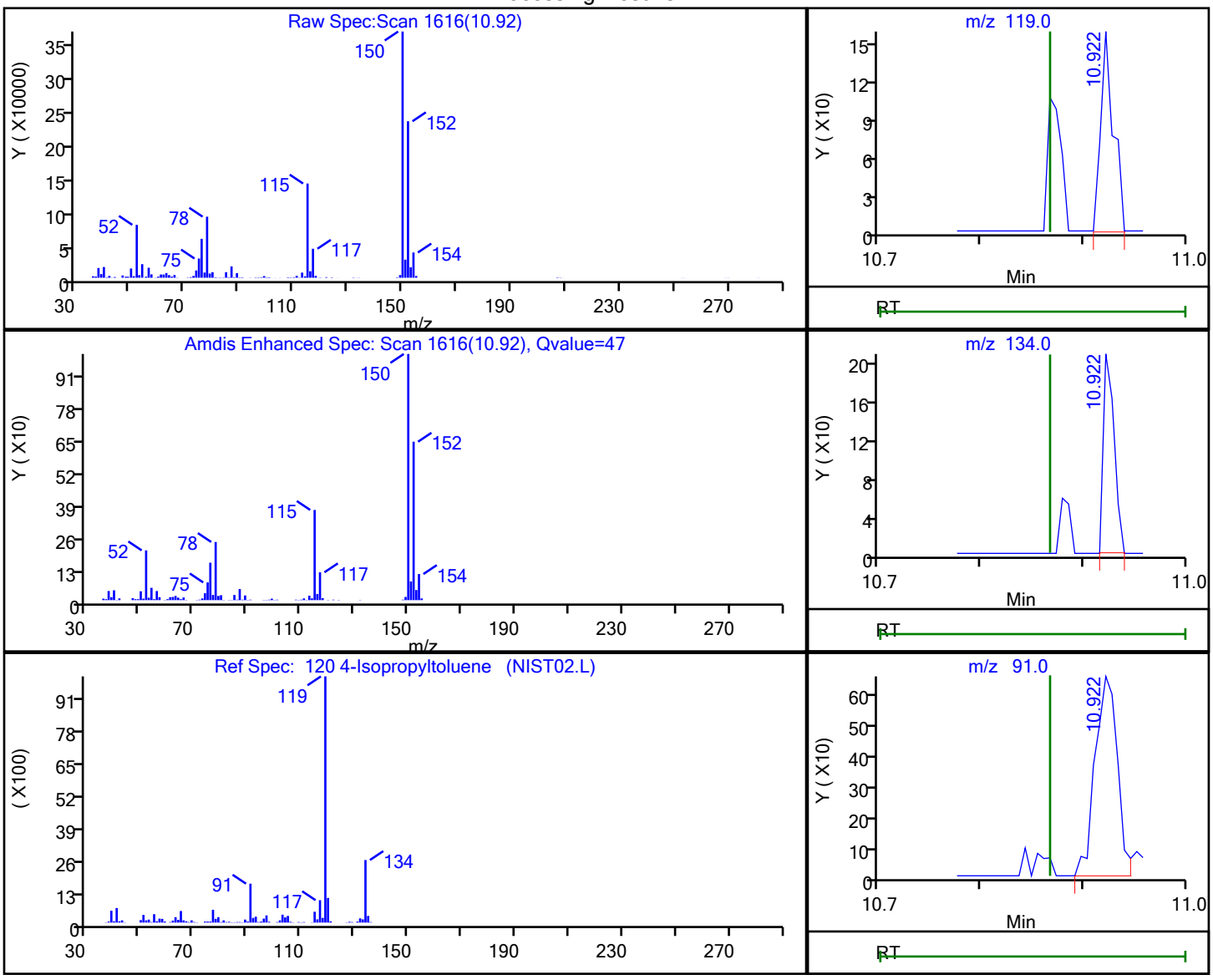
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.92	119.00	136	0.009020
10.92	134.00	153	
10.92	91.00	1006	

Reviewer: FK2C, 30-Aug-2024 09:33:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

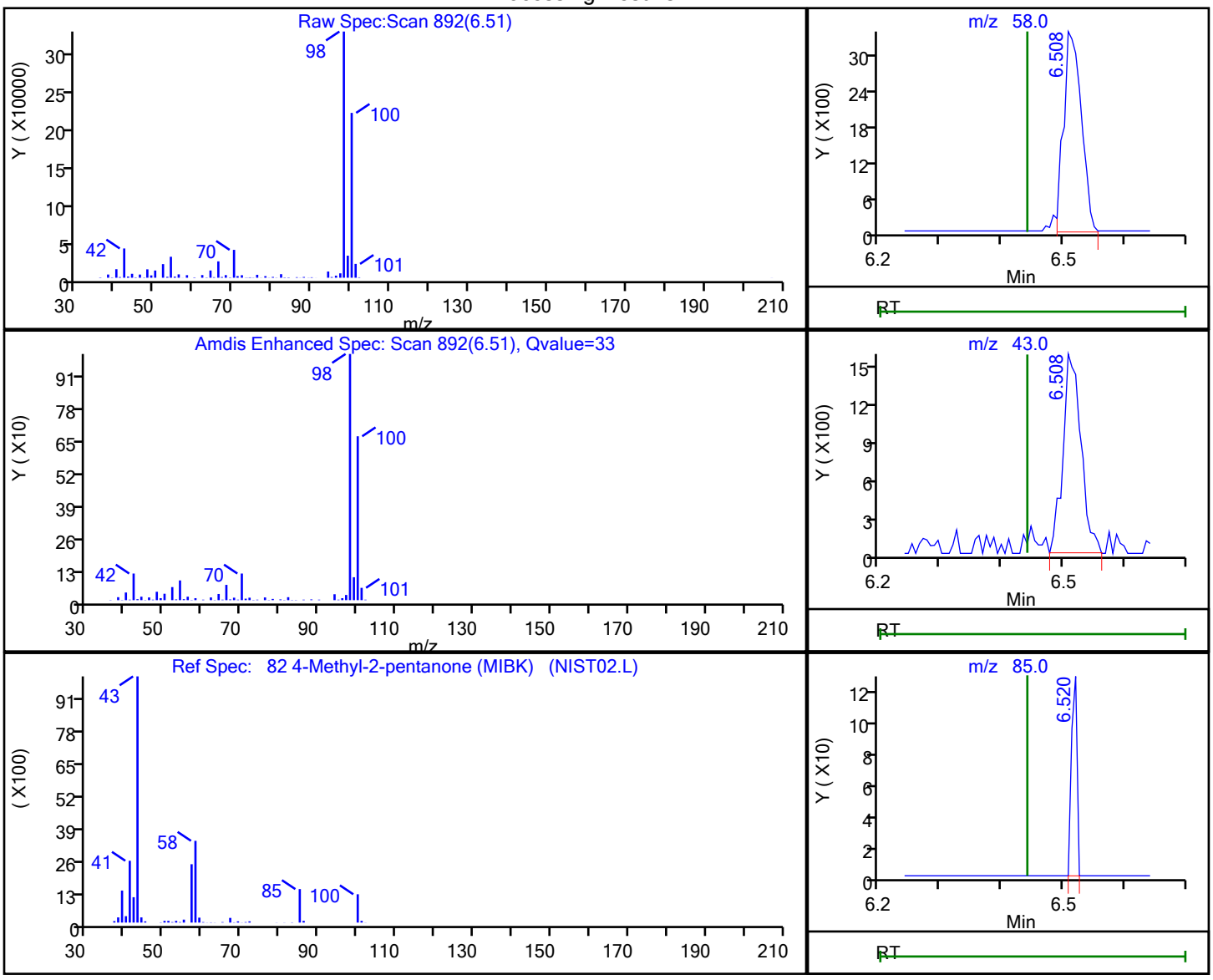
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	6708	4.576179
6.51	43.00	3277	
6.52	85.00	80	
6.51	100.00	505209	

Reviewer: FK2C, 30-Aug-2024 09:33:13 -04:00:00 (UTC)
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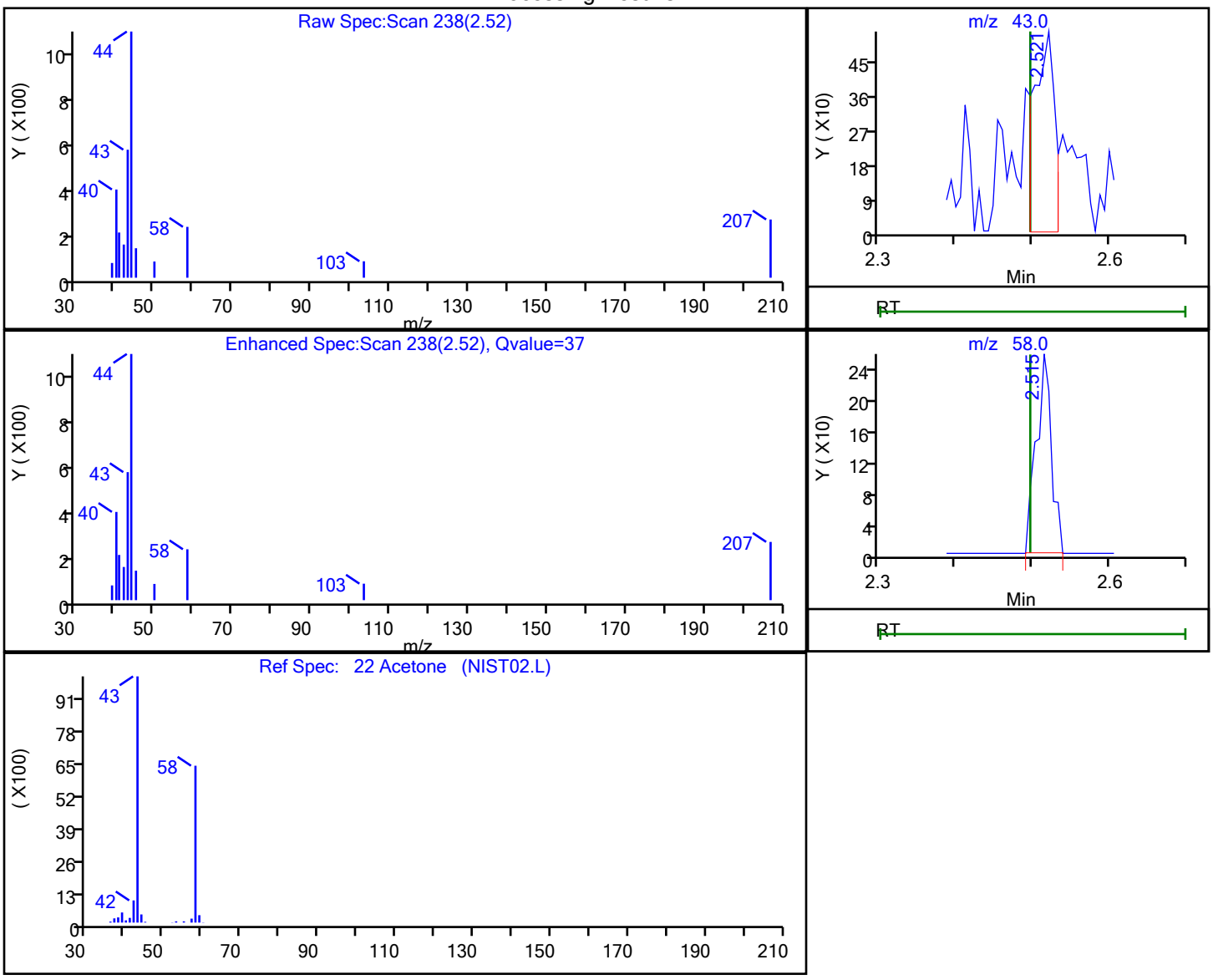
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.52	43.00	970	0.687956
2.51	58.00	352	

Reviewer: FK2C, 30-Aug-2024 09:32:49 -04:00:00 (UTC)
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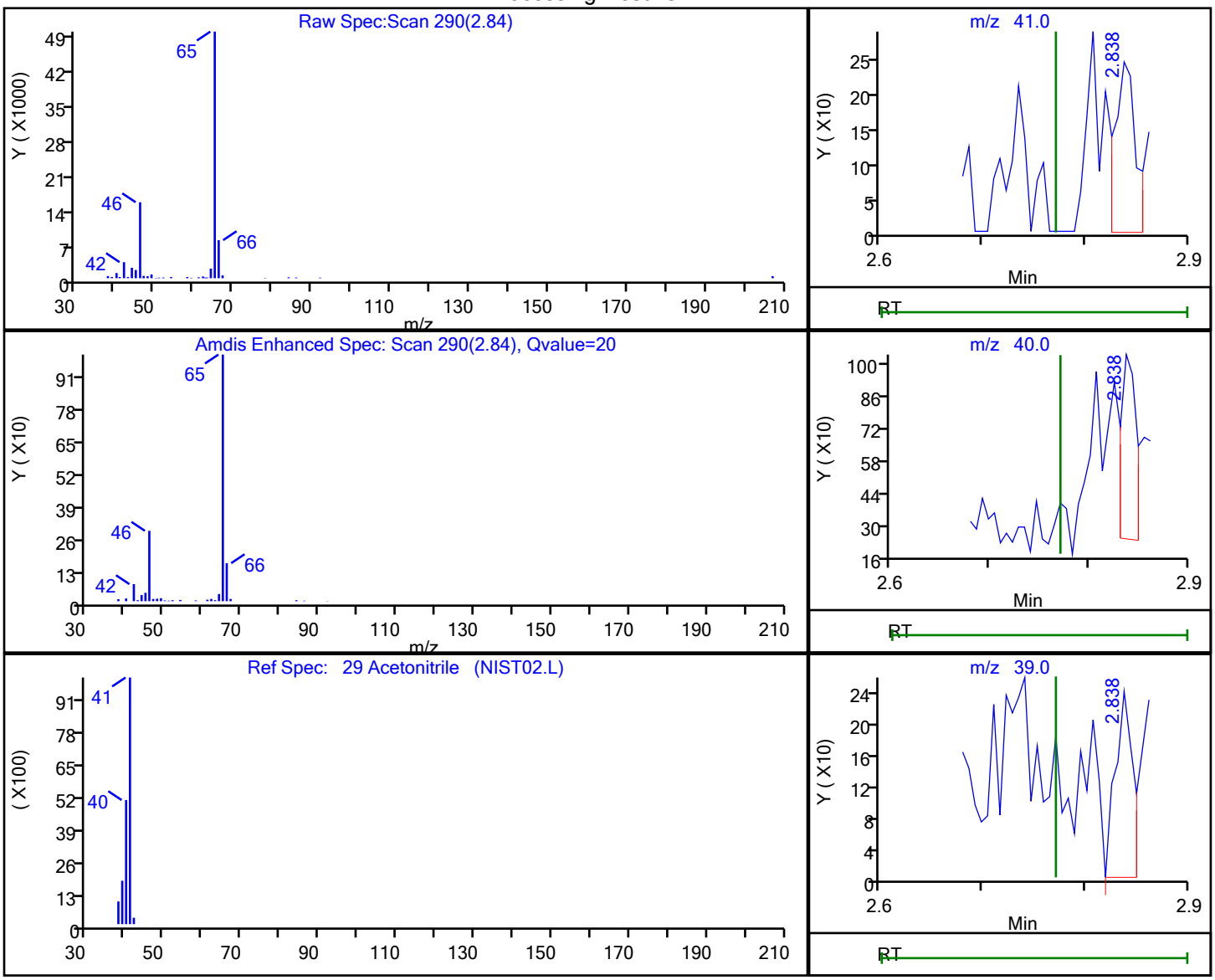
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	41.00	341	0.371748
2.84	40.00	887	
2.84	39.00	291	
2.85	38.00	1250	

Reviewer: FK2C, 30-Aug-2024 09:32:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

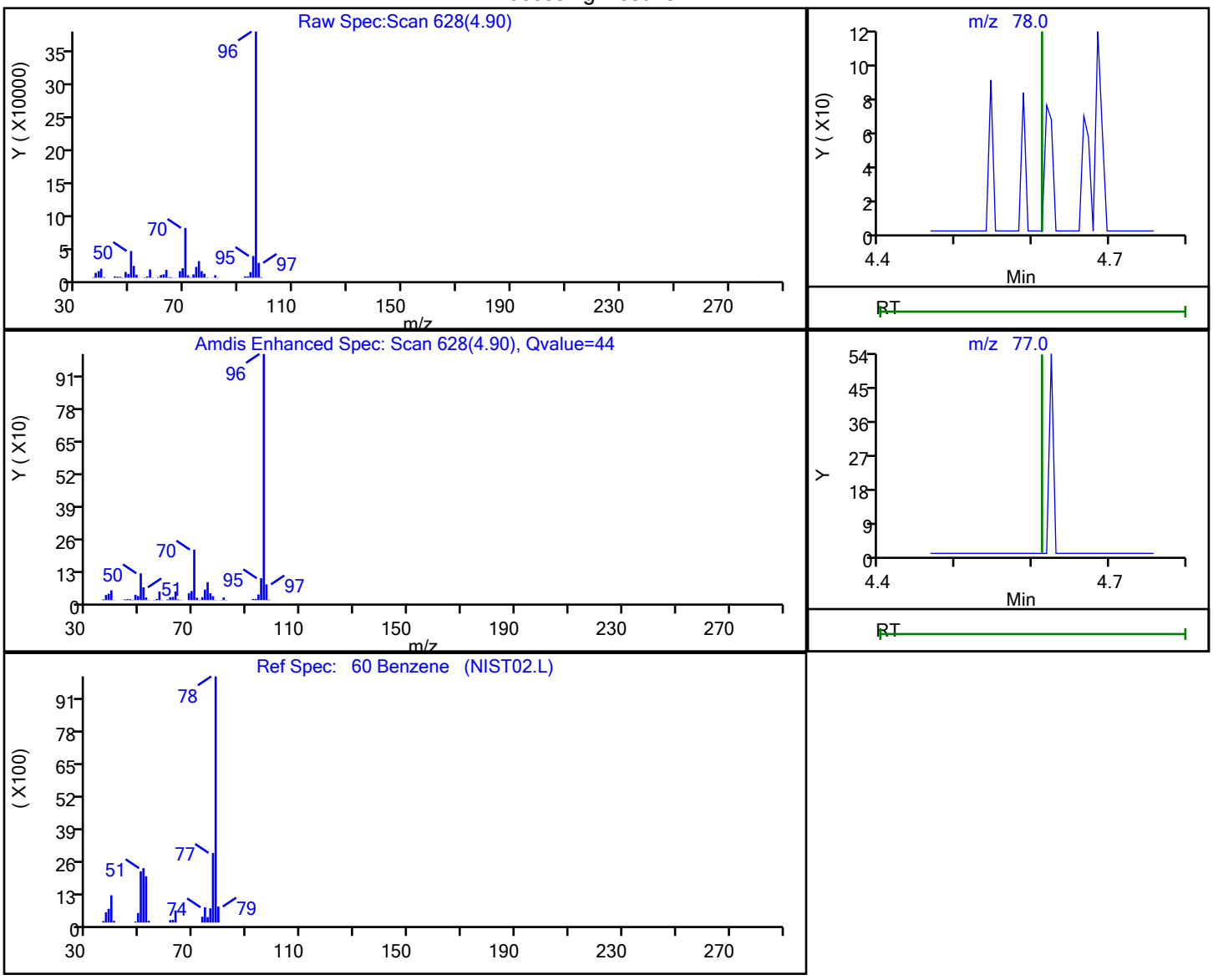
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.90	78.00	1117	0.061628
4.89	77.00	12965	

Reviewer: FK2C, 30-Aug-2024 09:33:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

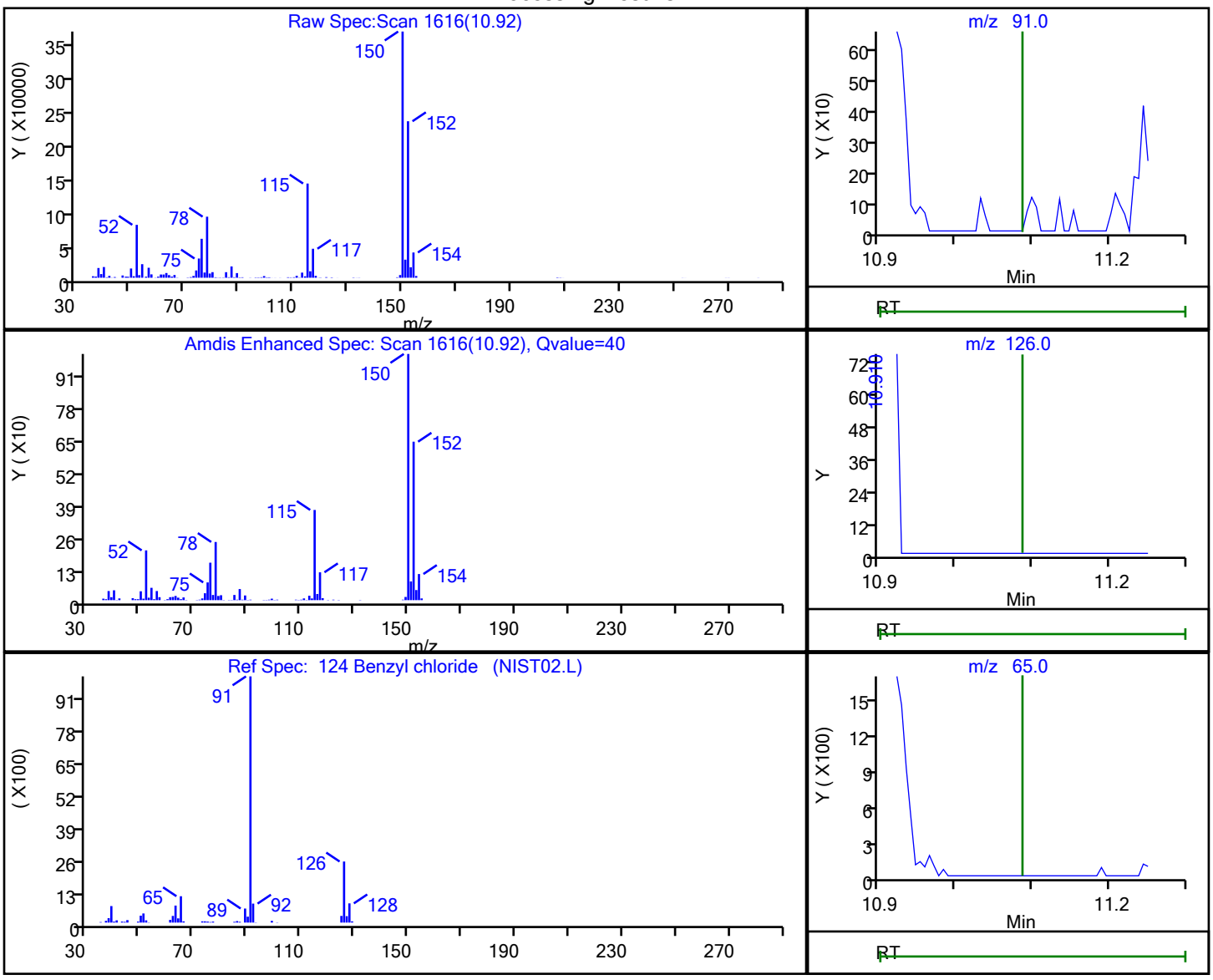
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.92	91.00	1006	0.195461
10.91	126.00	79	
10.92	65.00	2417	

Reviewer: FK2C, 30-Aug-2024 09:33:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

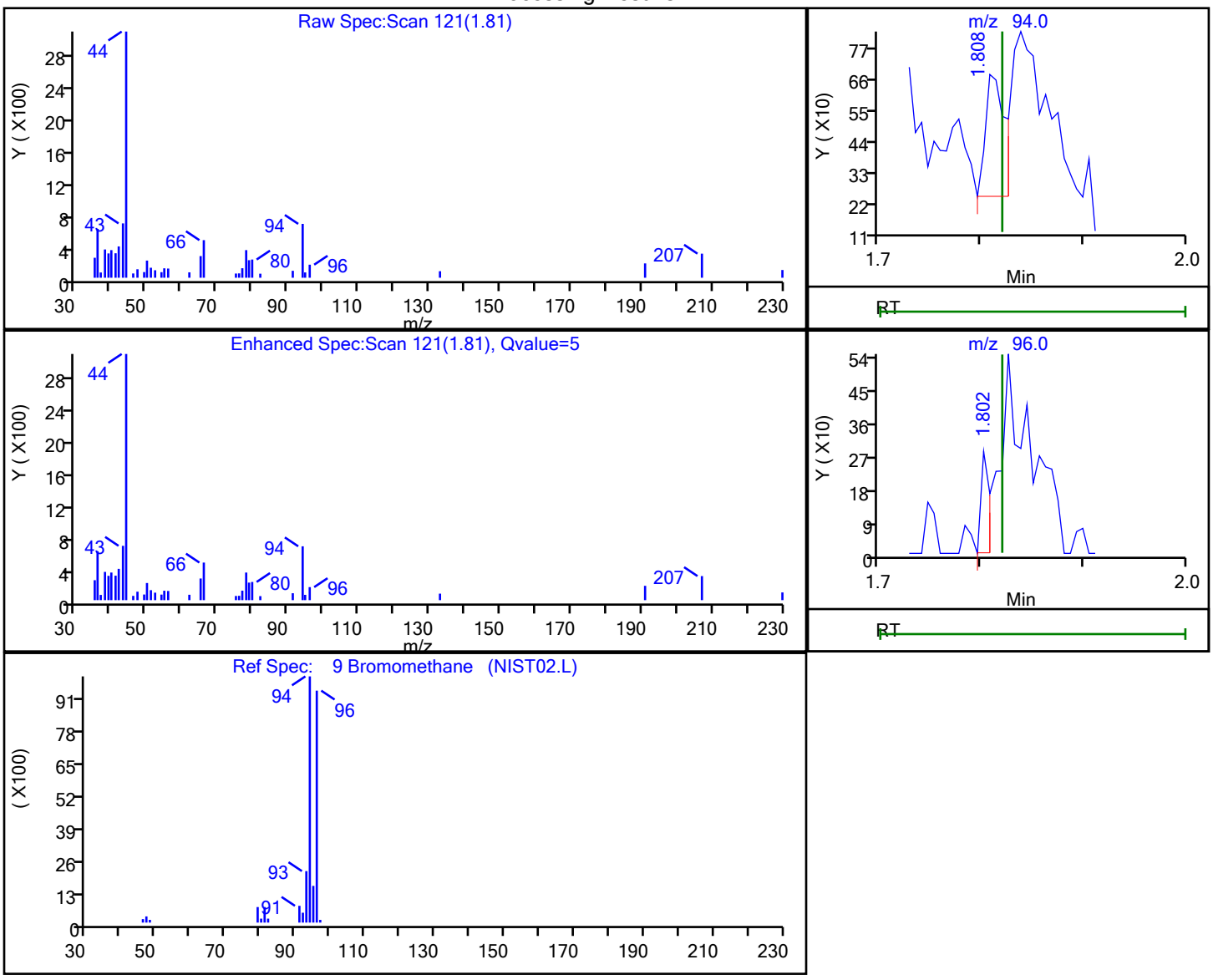
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.81	94.00	575	0.249932
1.80	96.00	161	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

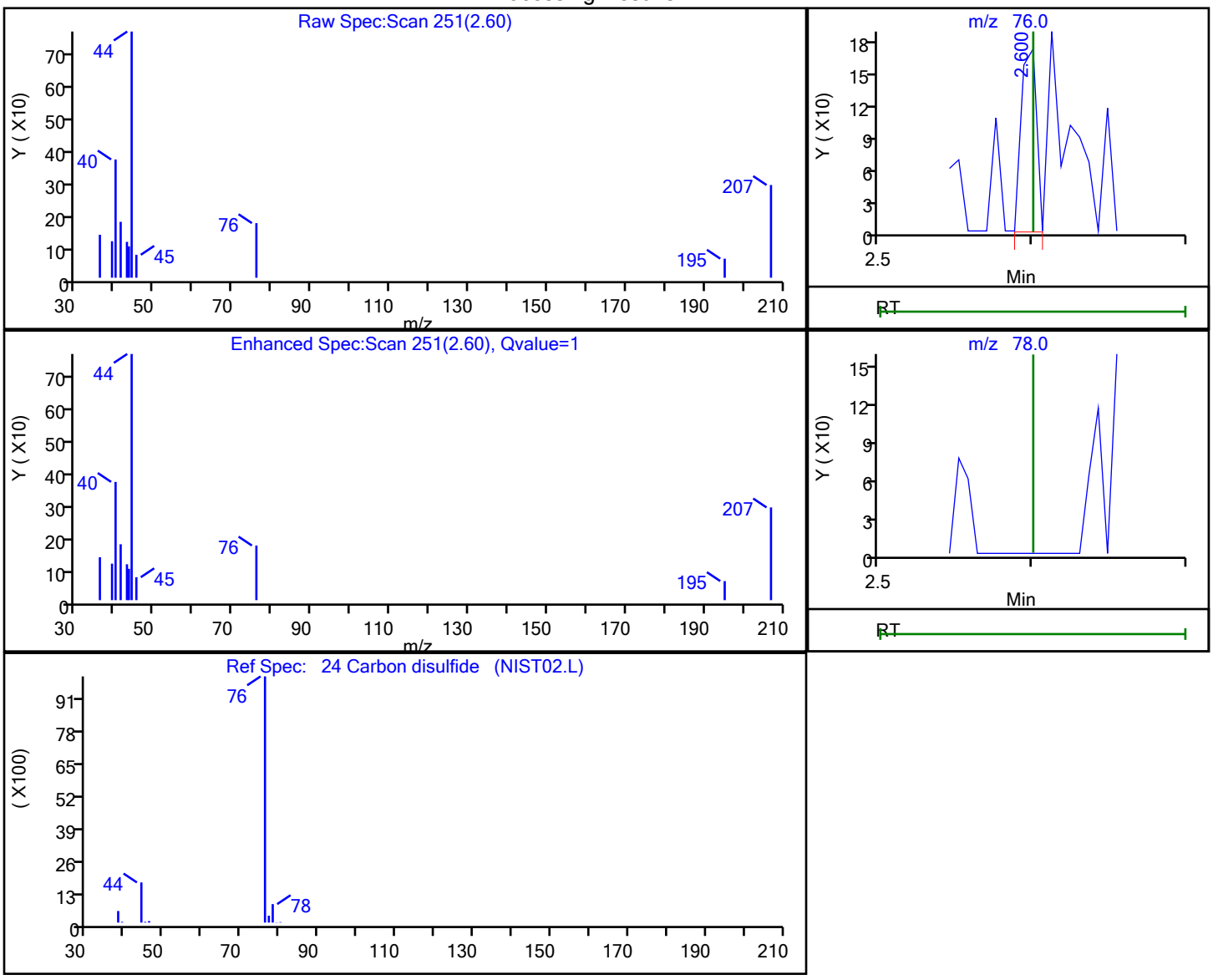
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.60	76.00	118	0.188690
2.59	78.00	0	

Reviewer: FK2C, 30-Aug-2024 09:32:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

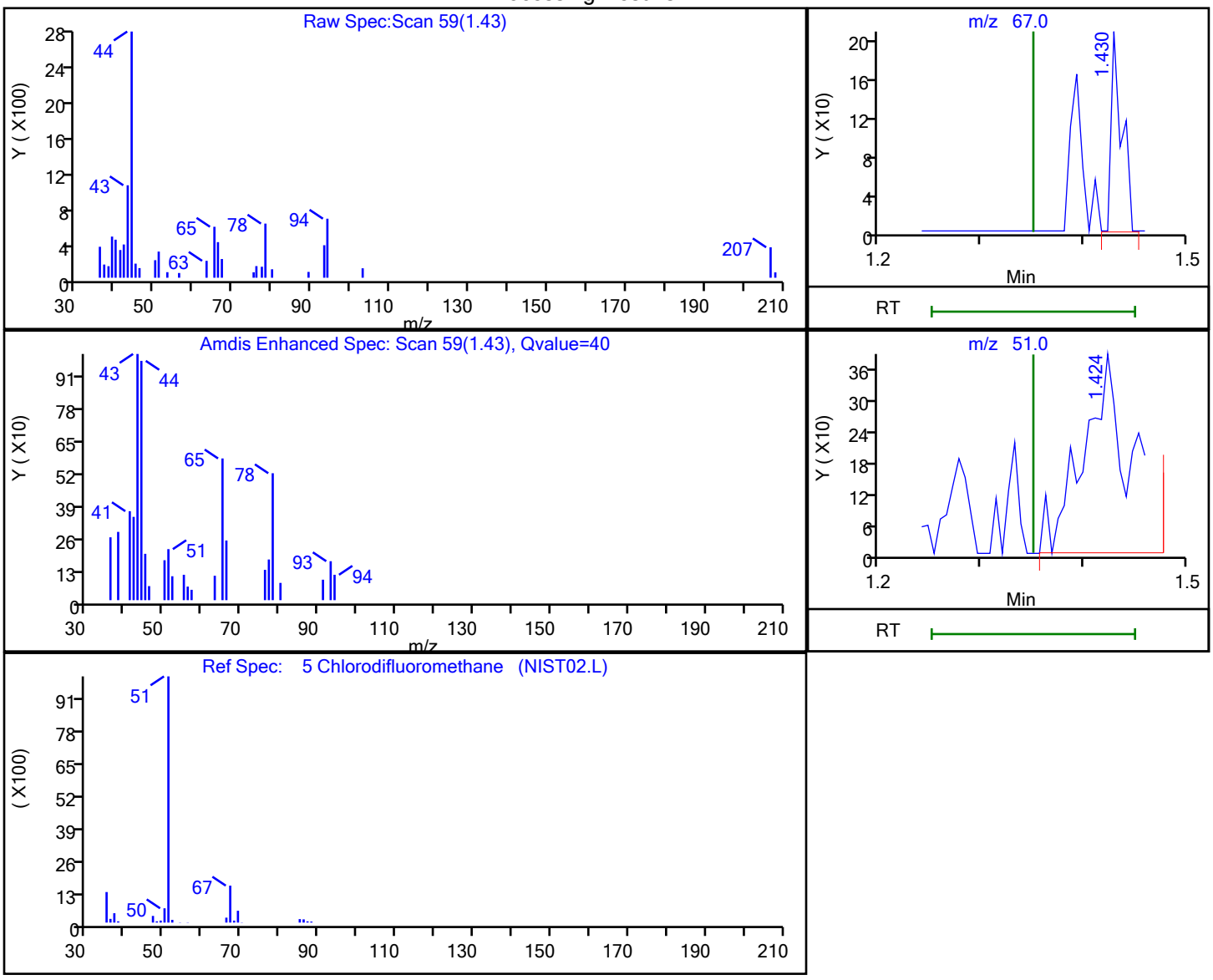
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.43	67.00	149	0.106198
1.42	51.00	1279	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

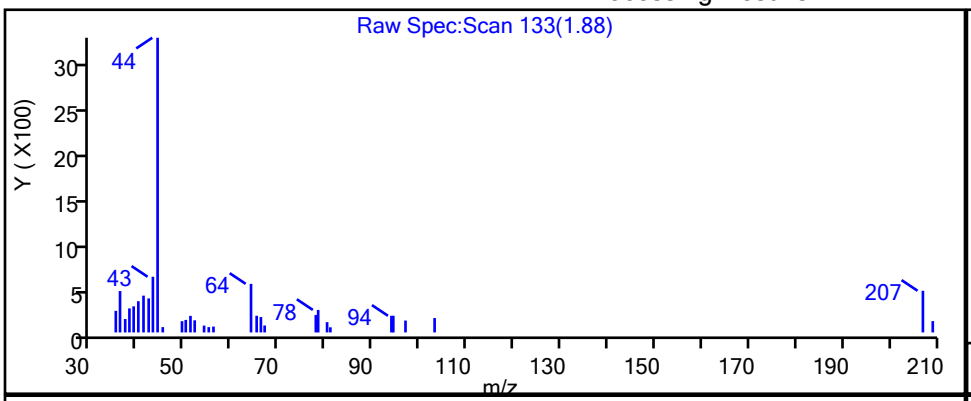
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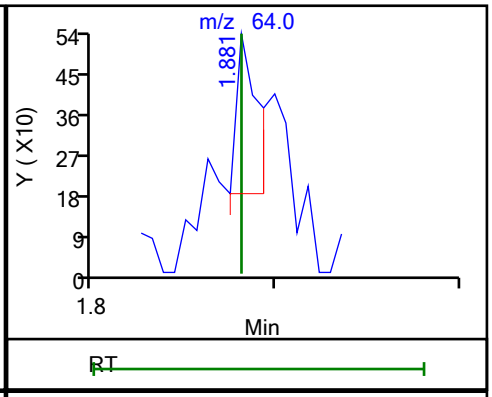
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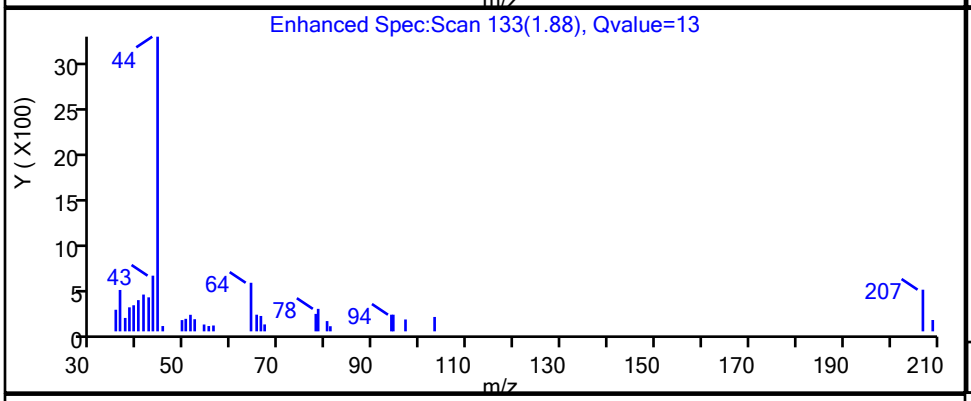
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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

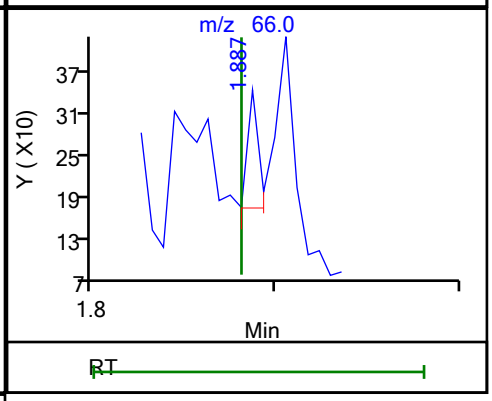
10 Chloroethane, CAS: 75-00-3

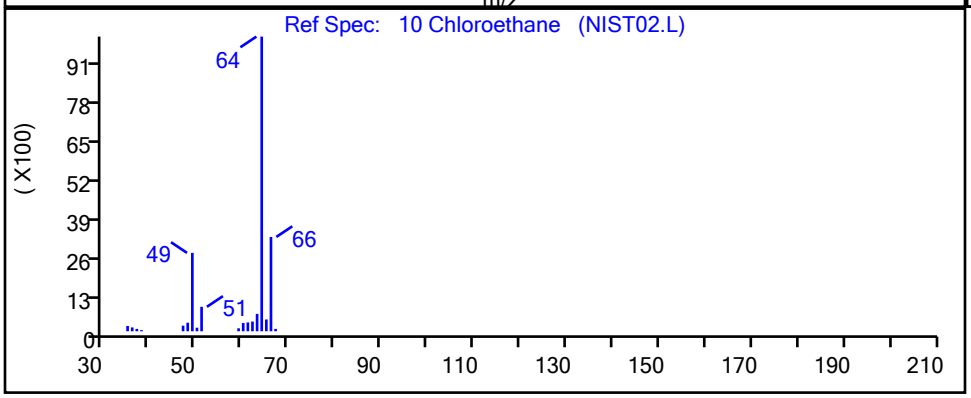
Processing Results











RT	Mass	Response	Amount
1.88	64.00	285	0.250000
1.89	66.00	71	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

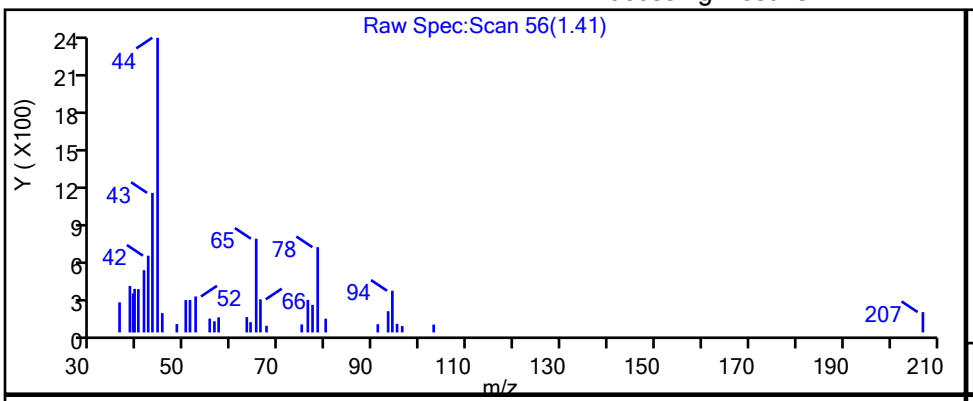
User Disabled Compound Report

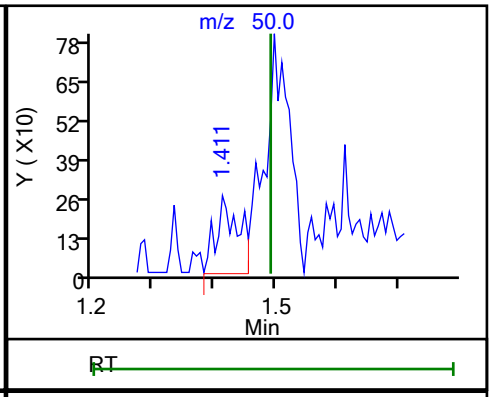
Eurofins Edison

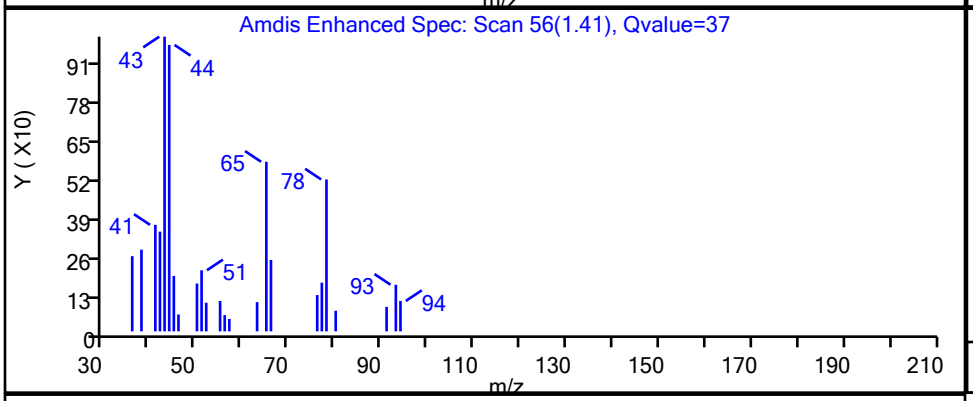
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

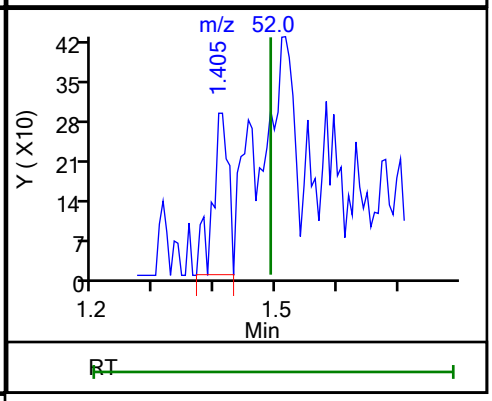
6 Chloromethane, CAS: 74-87-3

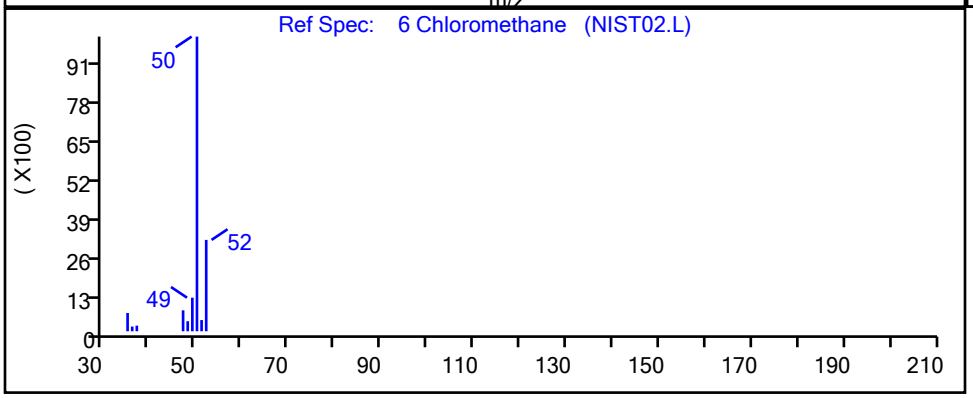
Processing Results











RT	Mass	Response	Amount
1.41	50.00	651	0.250000
1.41	52.00	520	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

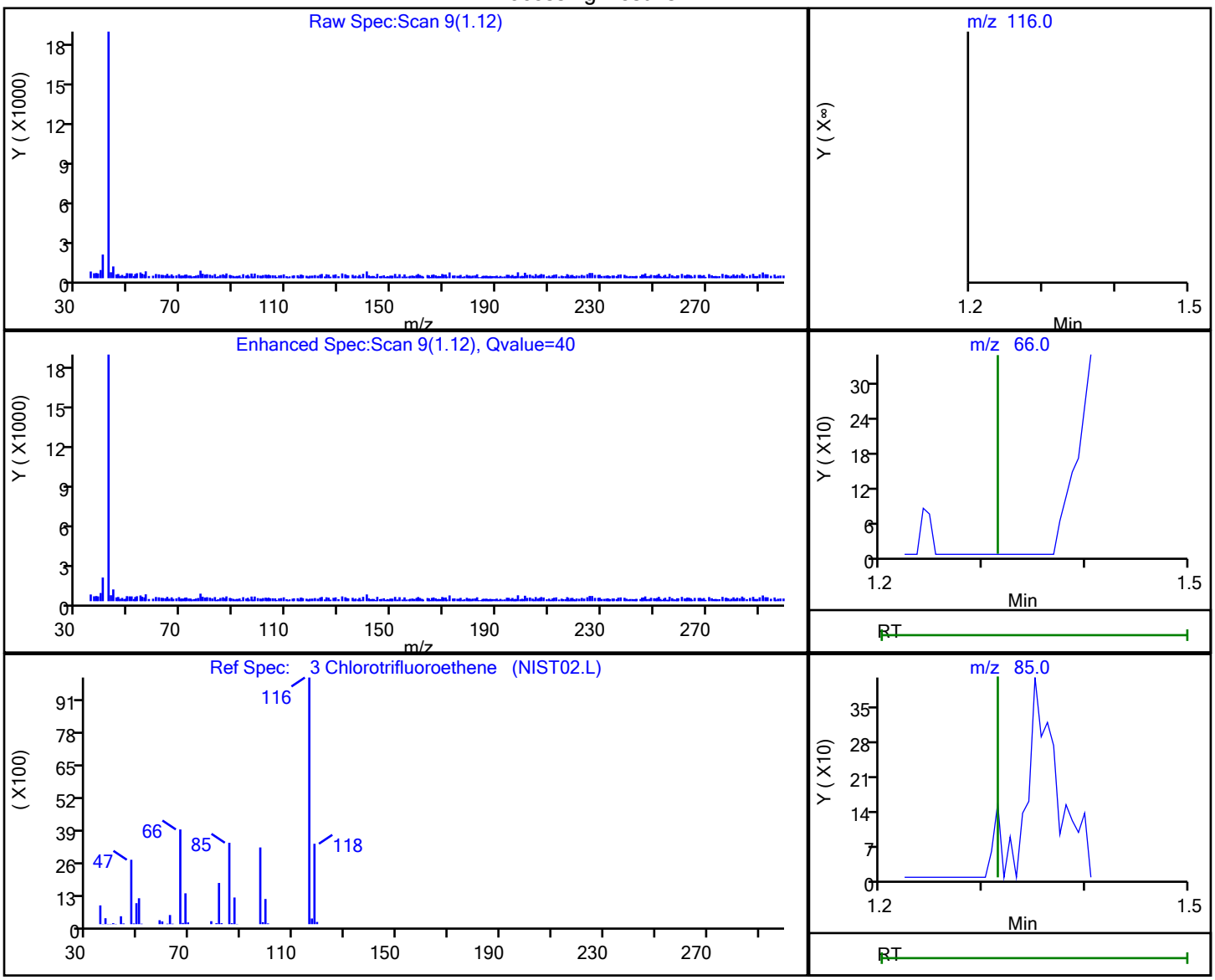
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	627	6.884512
1.11	66.00	495	
1.12	85.00	491	
1.11	118.00	848	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

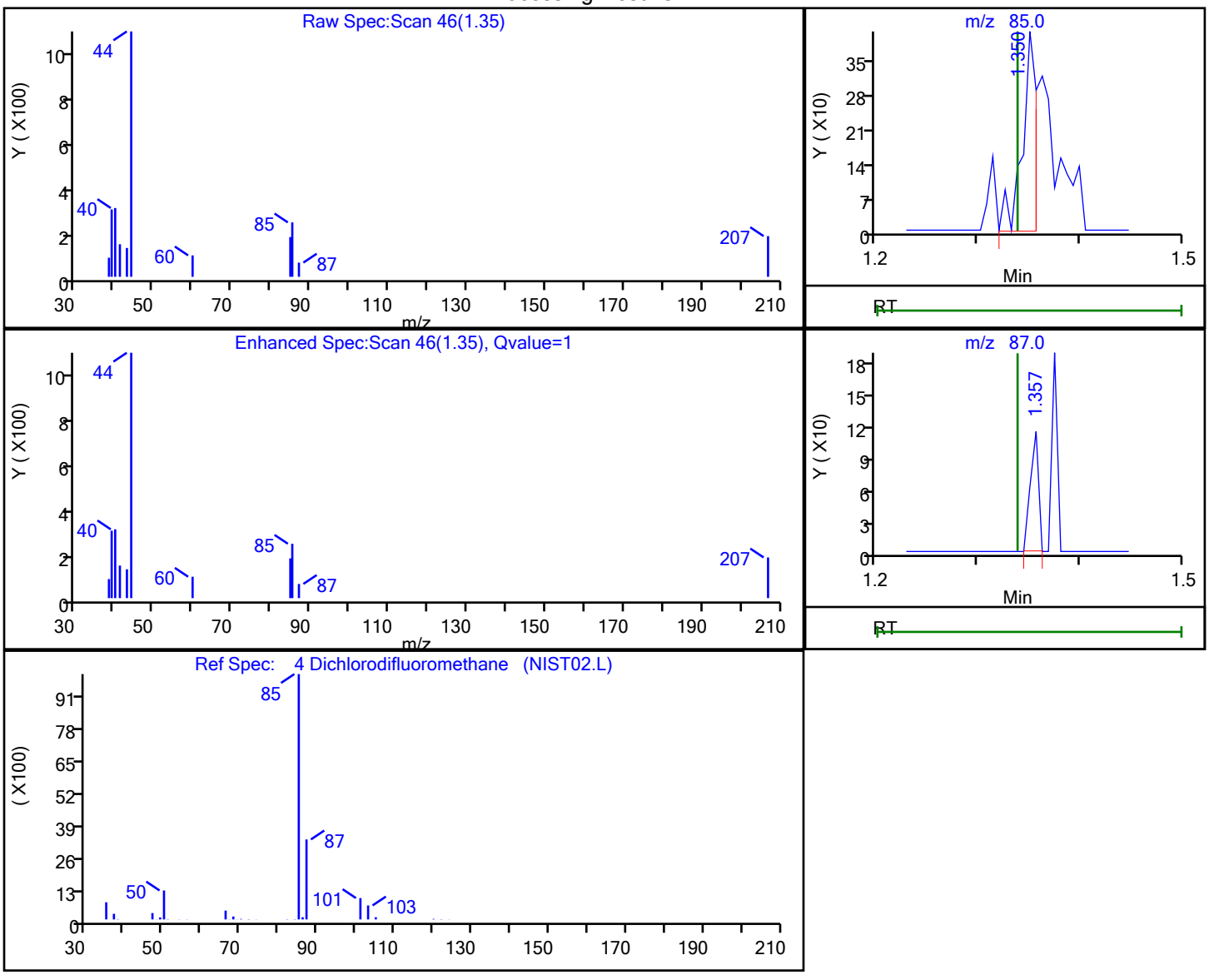
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Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.35	85.00	386	0.250000
1.36	87.00	64	

Reviewer: FK2C, 30-Aug-2024 09:32:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

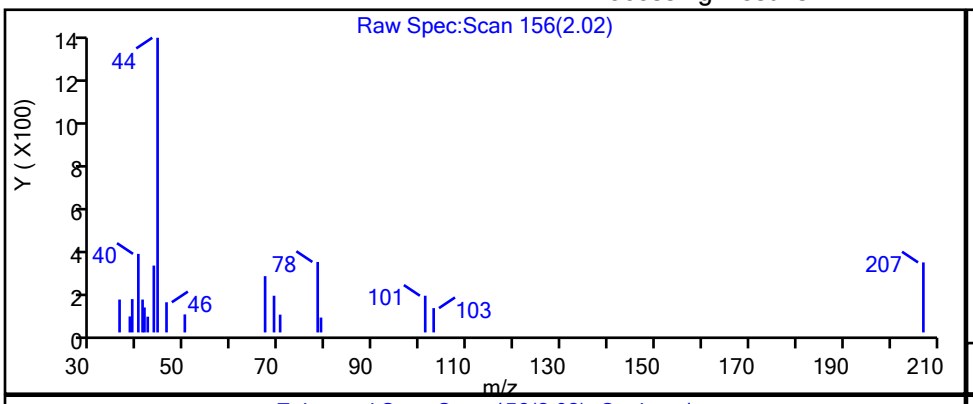
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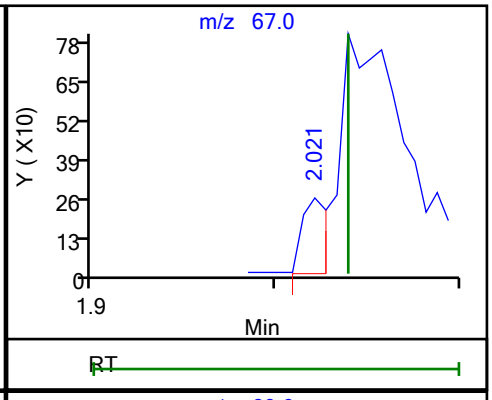
Eurofins Edison

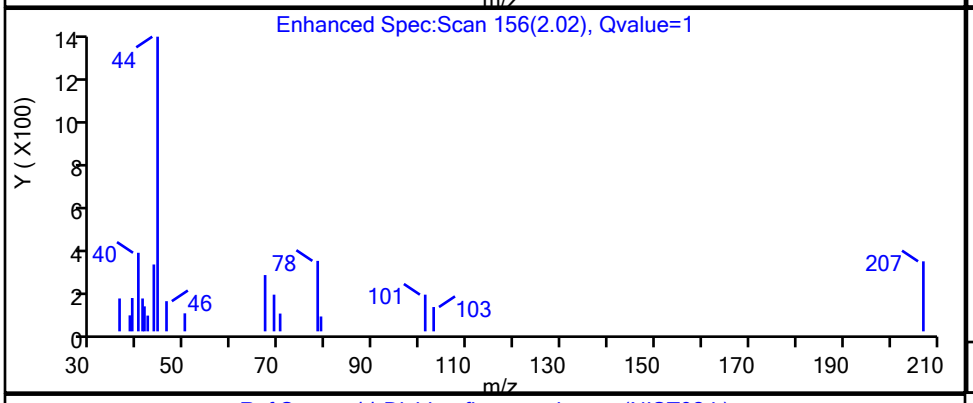
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

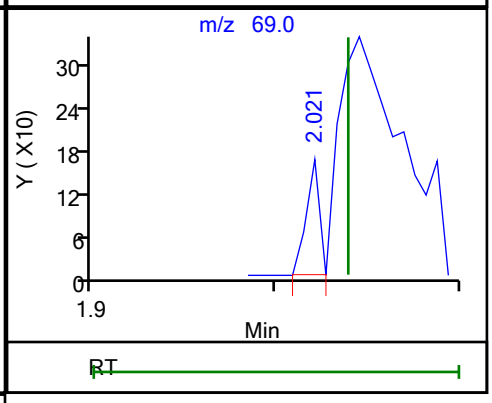
11 Dichlorofluoromethane, CAS: 75-43-4

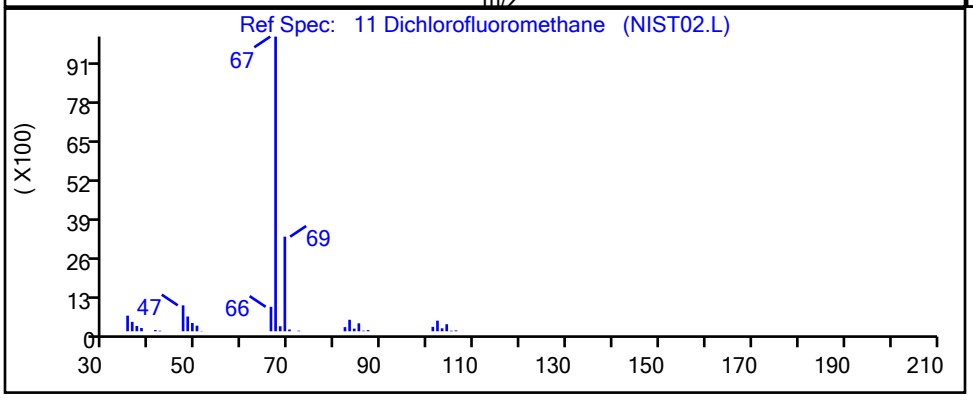
Processing Results











RT	Mass	Response	Amount
2.02	67.00	239	0.250000
2.02	69.00	82	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

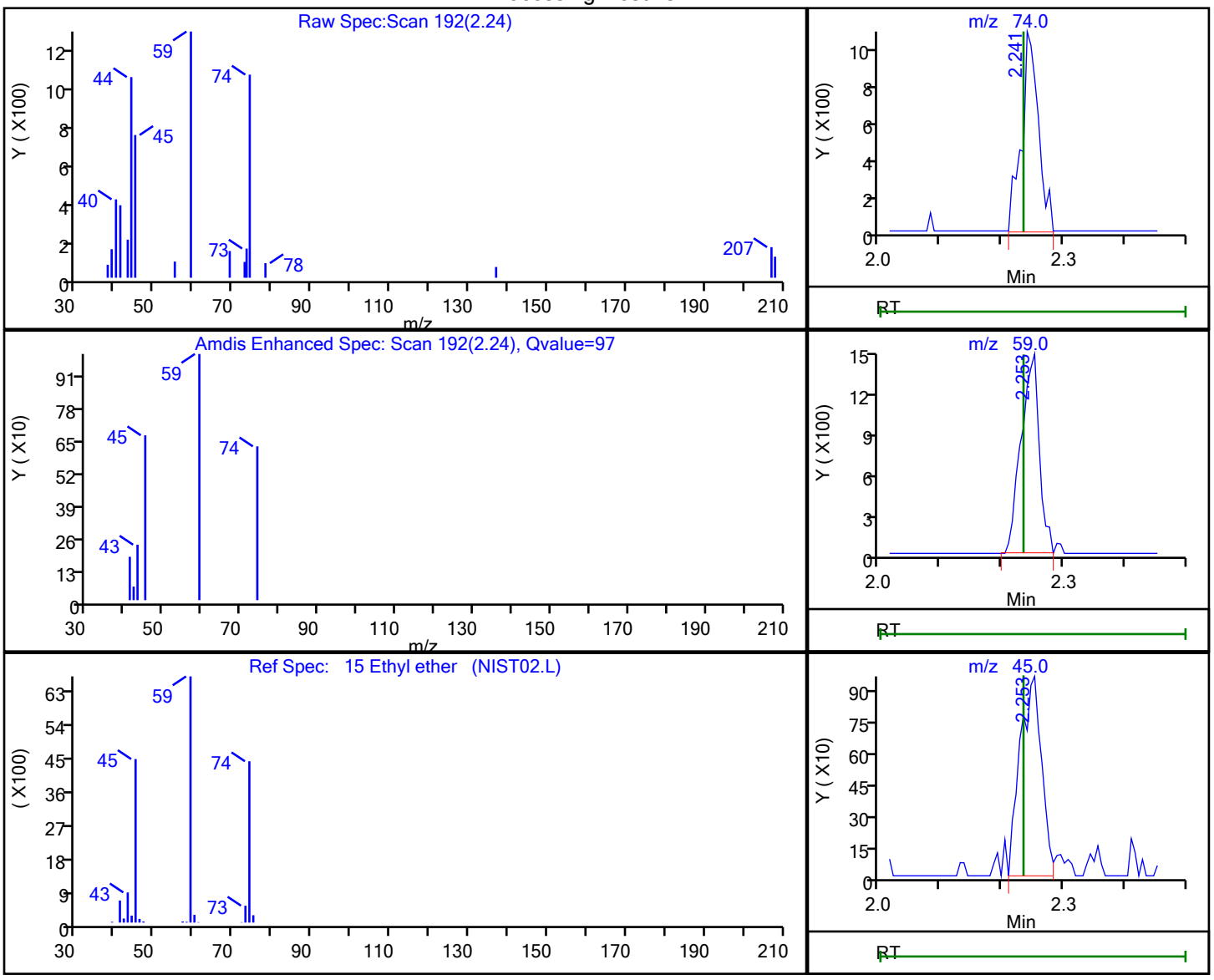
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.24	74.00	1917	0.249412
2.25	59.00	3022	
2.25	45.00	2375	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

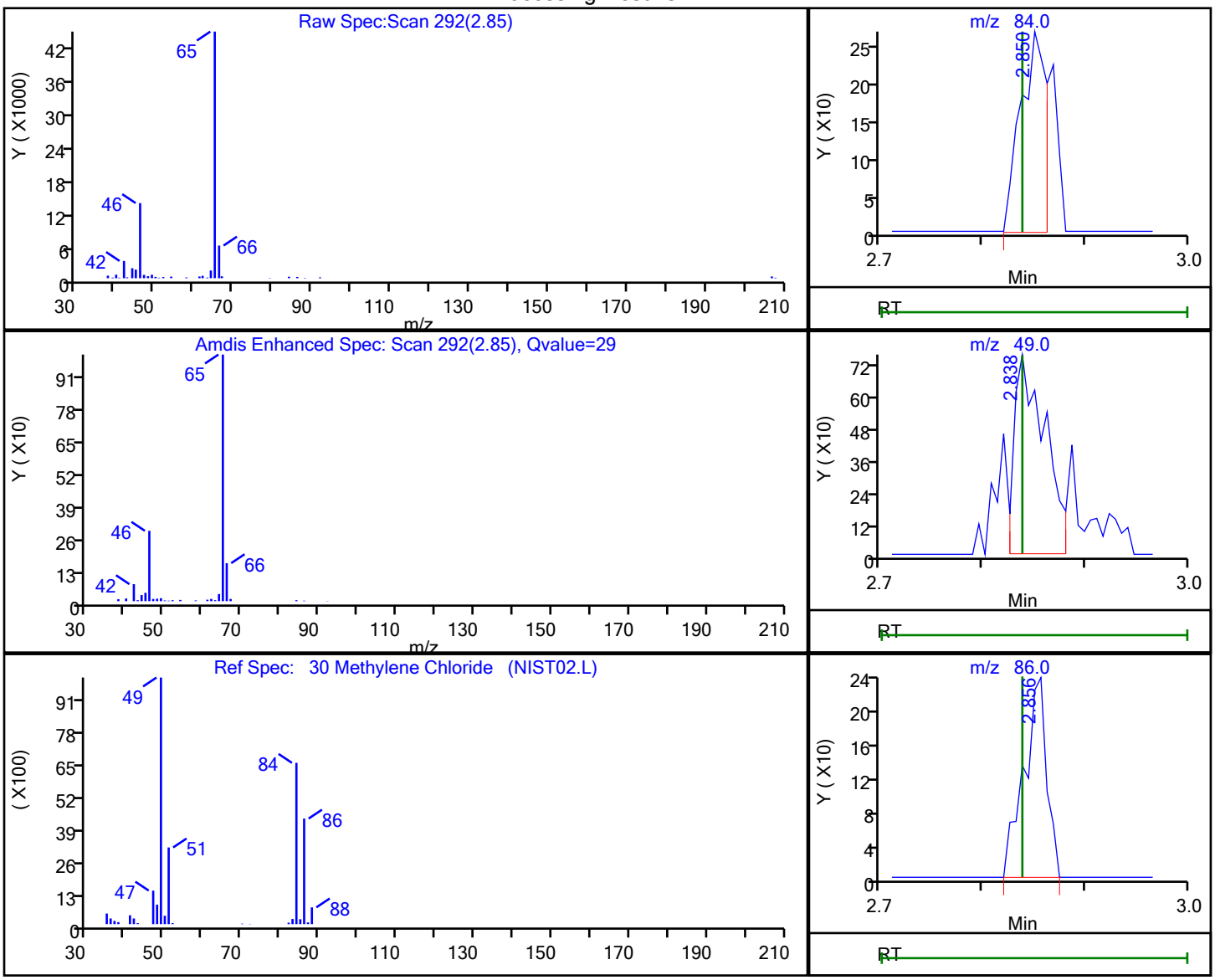
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.85	84.00	458	0.085205
2.84	49.00	1587	
2.86	86.00	366	

Reviewer: FK2C, 30-Aug-2024 09:32:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

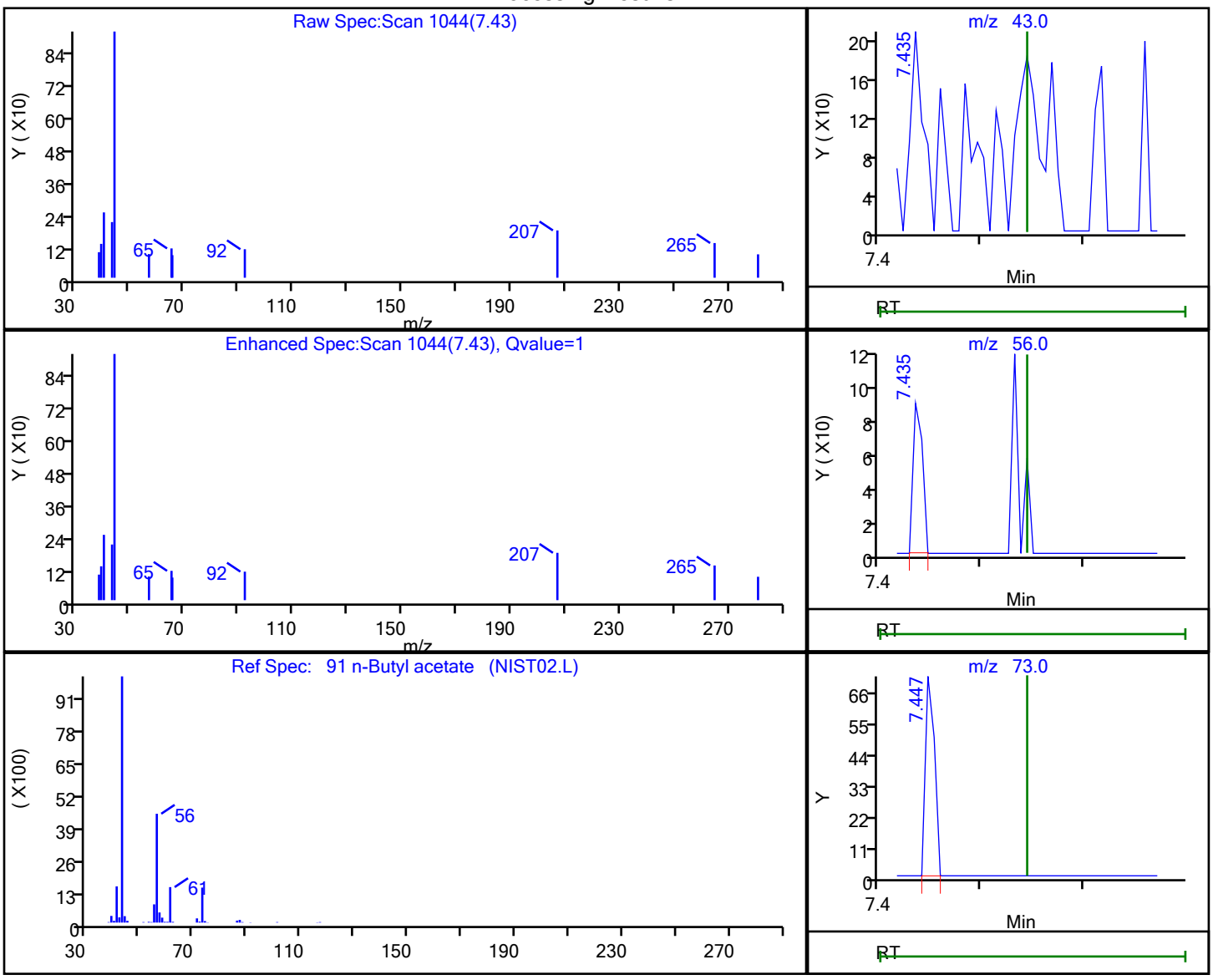
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.43	43.00	207	0.042378
7.43	56.00	57	
7.45	73.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:17 -04:00:00 (UTC)
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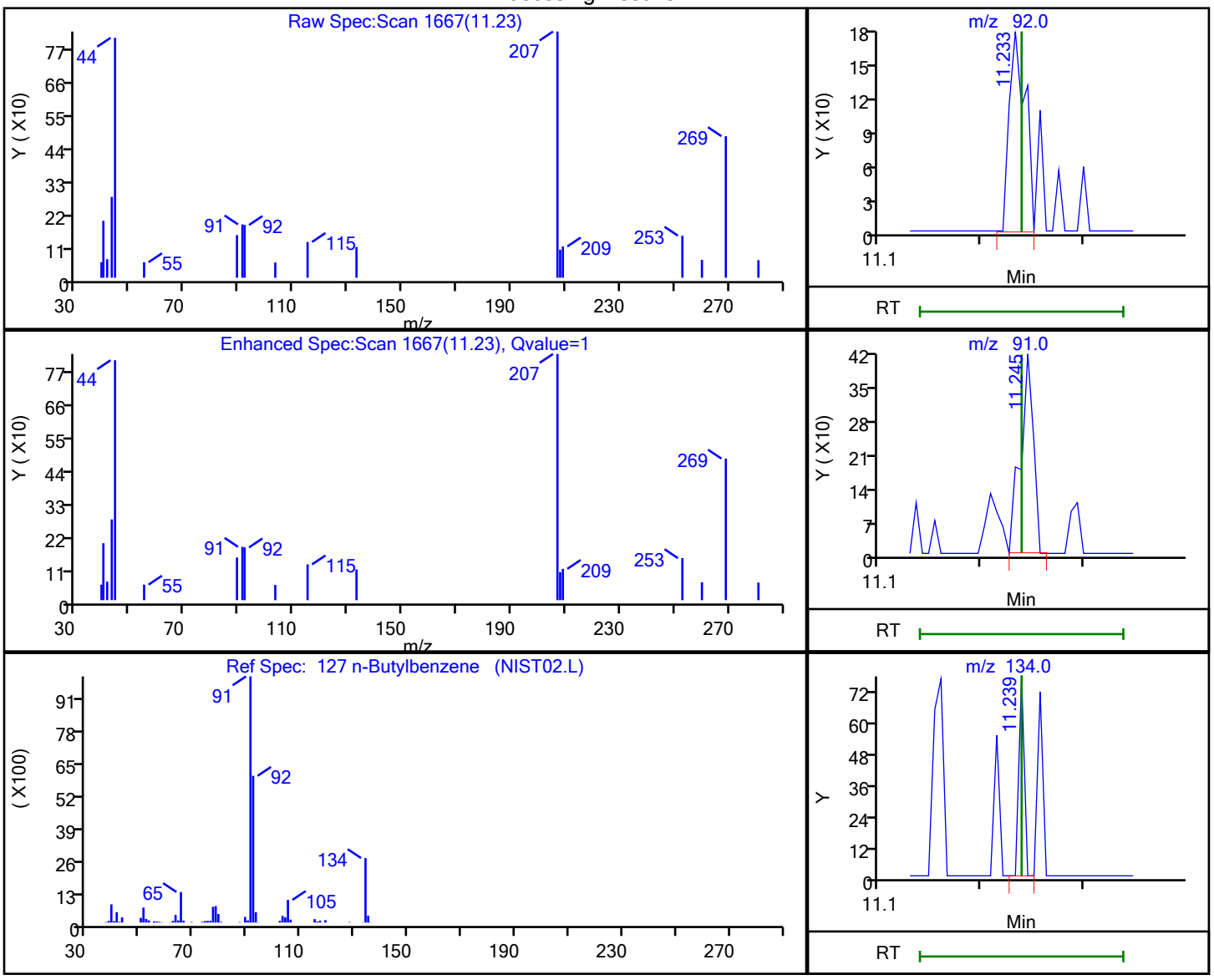
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Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.23	92.00	193	0.023785
11.24	91.00	364	
11.24	134.00	29	

Reviewer: FK2C, 30-Aug-2024 09:33:27 -04:00:00 (UTC)
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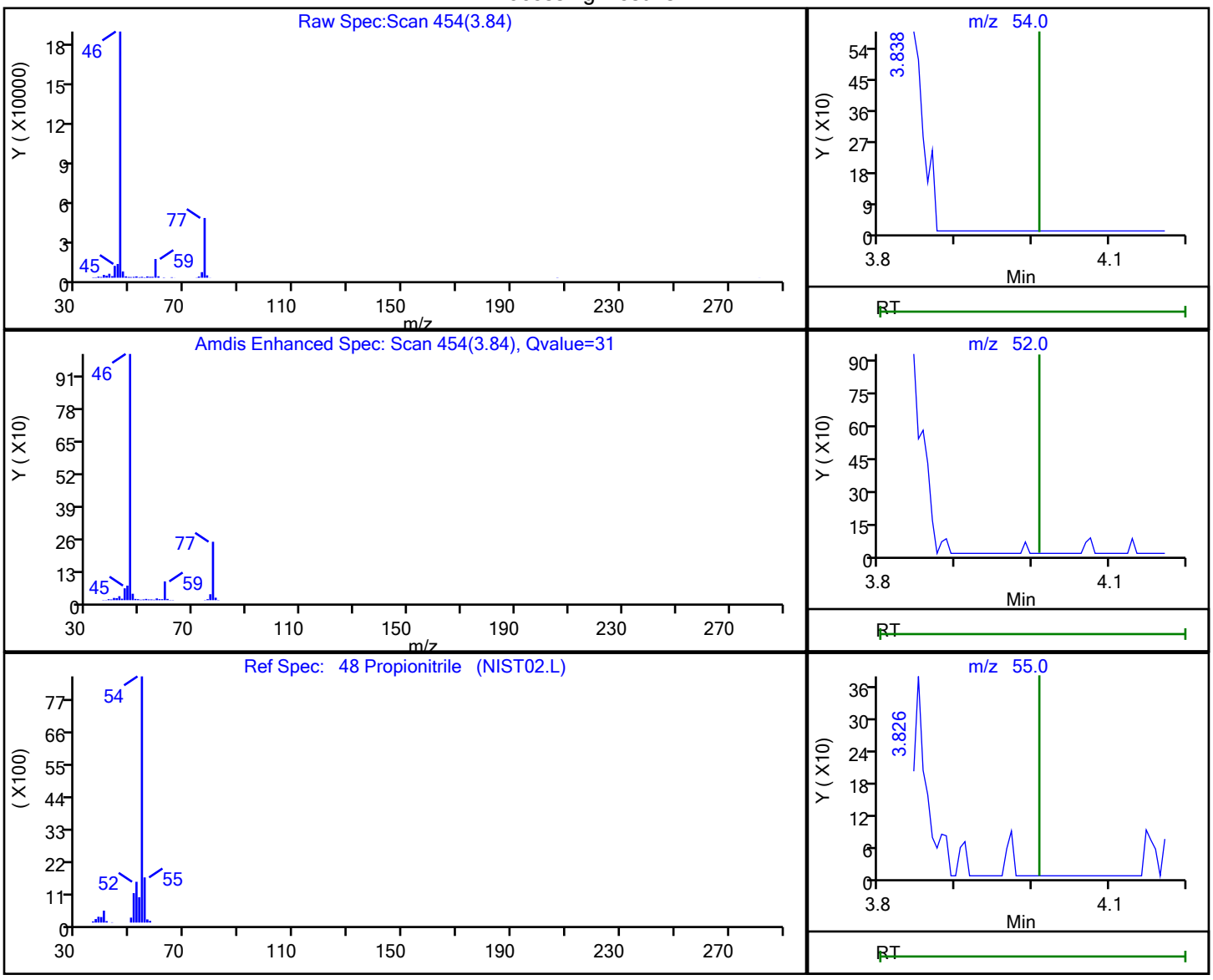
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Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.84	54.00	1142	2.681029
3.84	52.00	2120	
3.83	55.00	235	

Reviewer: FK2C, 30-Aug-2024 09:33:03 -04:00:00 (UTC)
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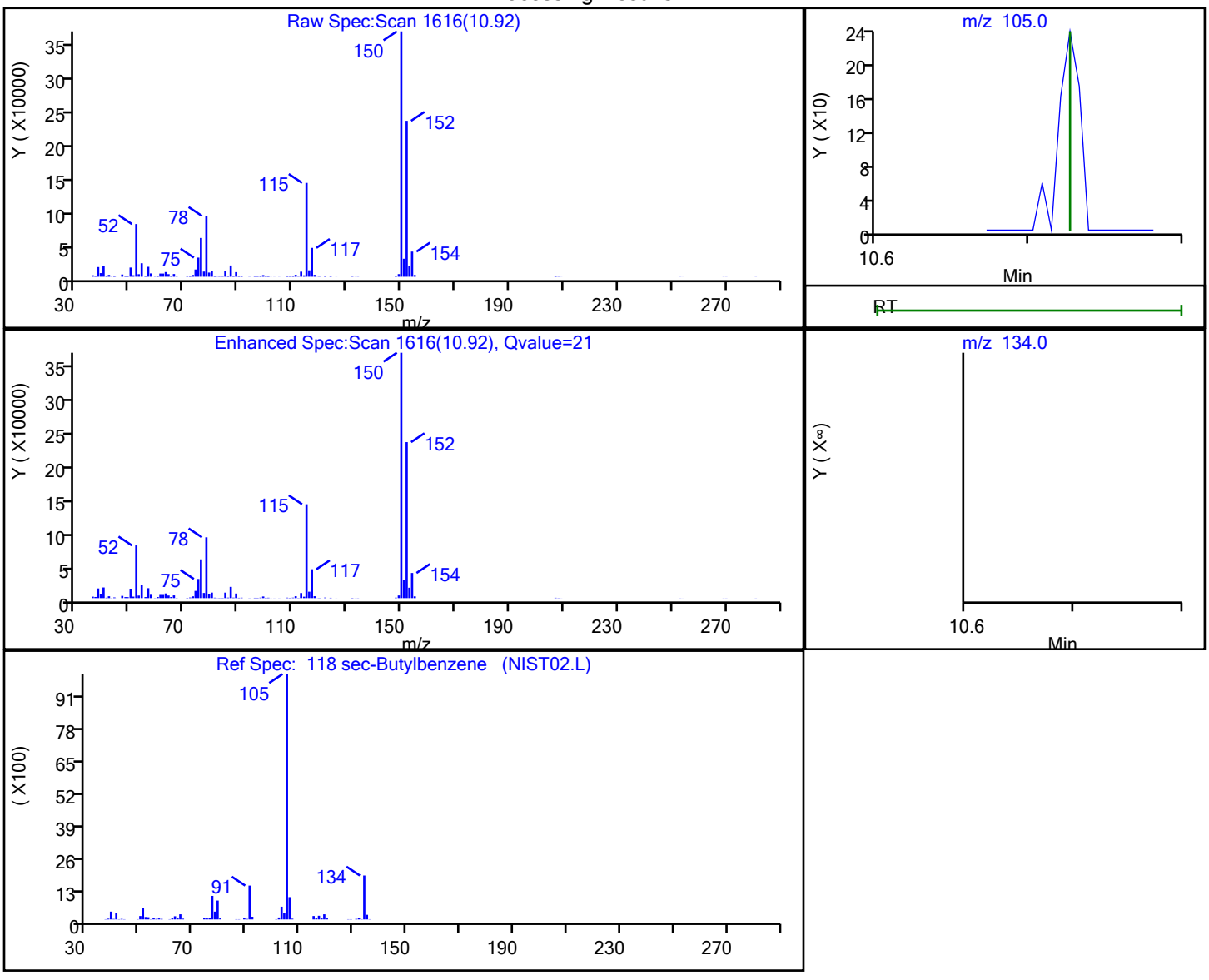
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.004641
10.92	134.00	153	

Reviewer: FK2C, 30-Aug-2024 09:33:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

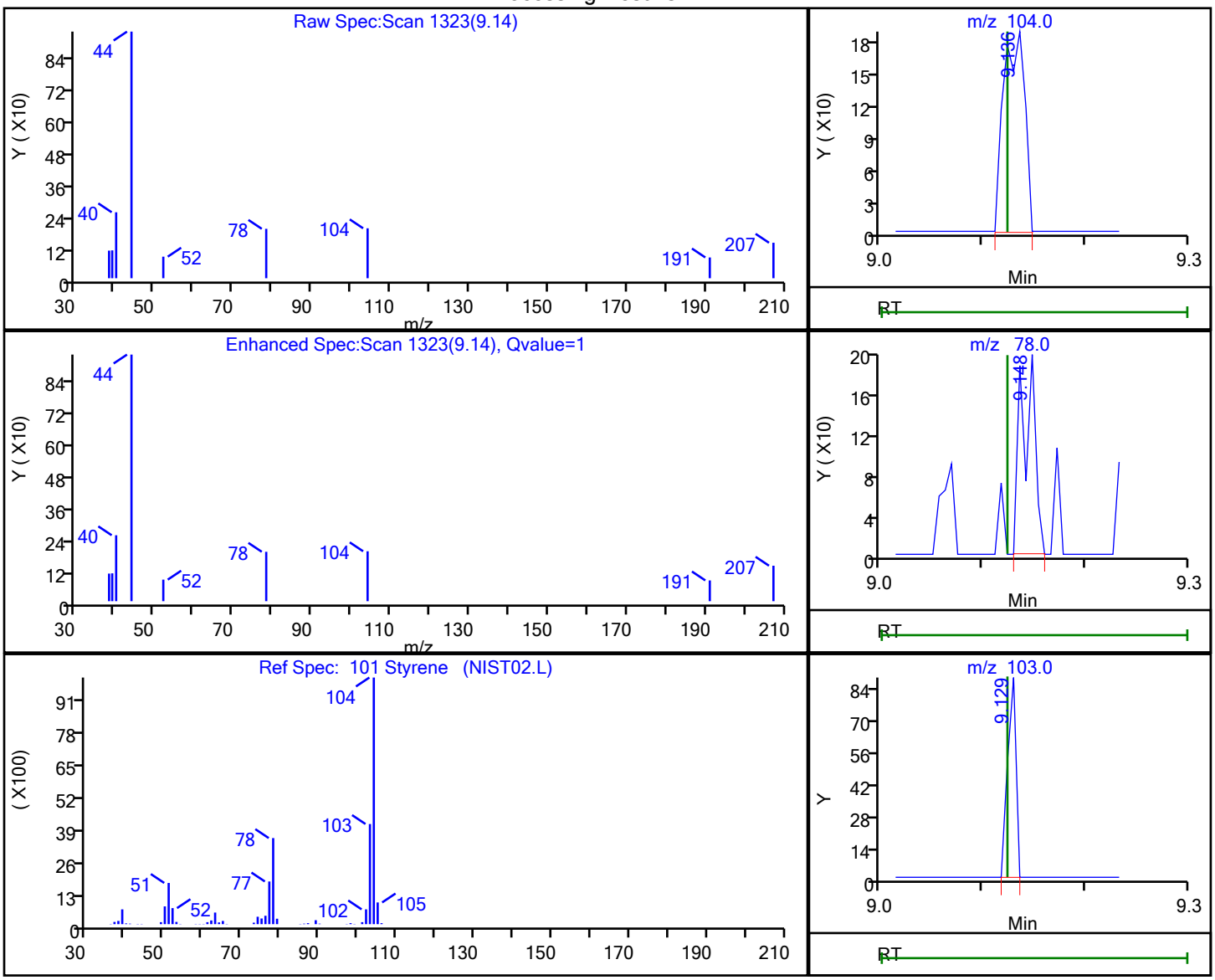
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.14	104.00	275	0.025051
9.15	78.00	187	
9.13	103.00	51	

Reviewer: FK2C, 30-Aug-2024 09:33:19 -04:00:00 (UTC)
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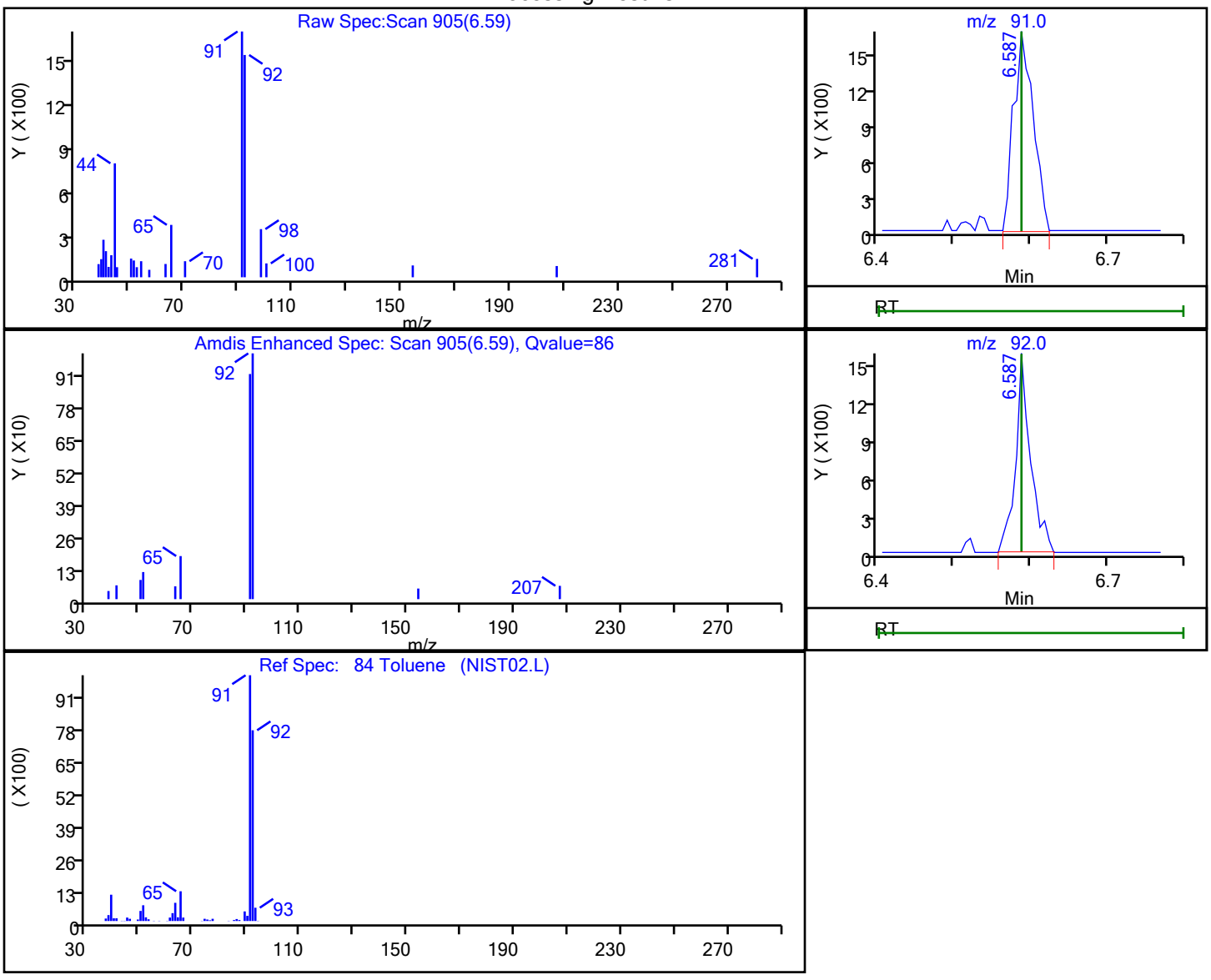
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.59	91.00	3016	0.139571
6.59	92.00	2088	

Reviewer: FK2C, 30-Aug-2024 09:33:14 -04:00:00 (UTC)
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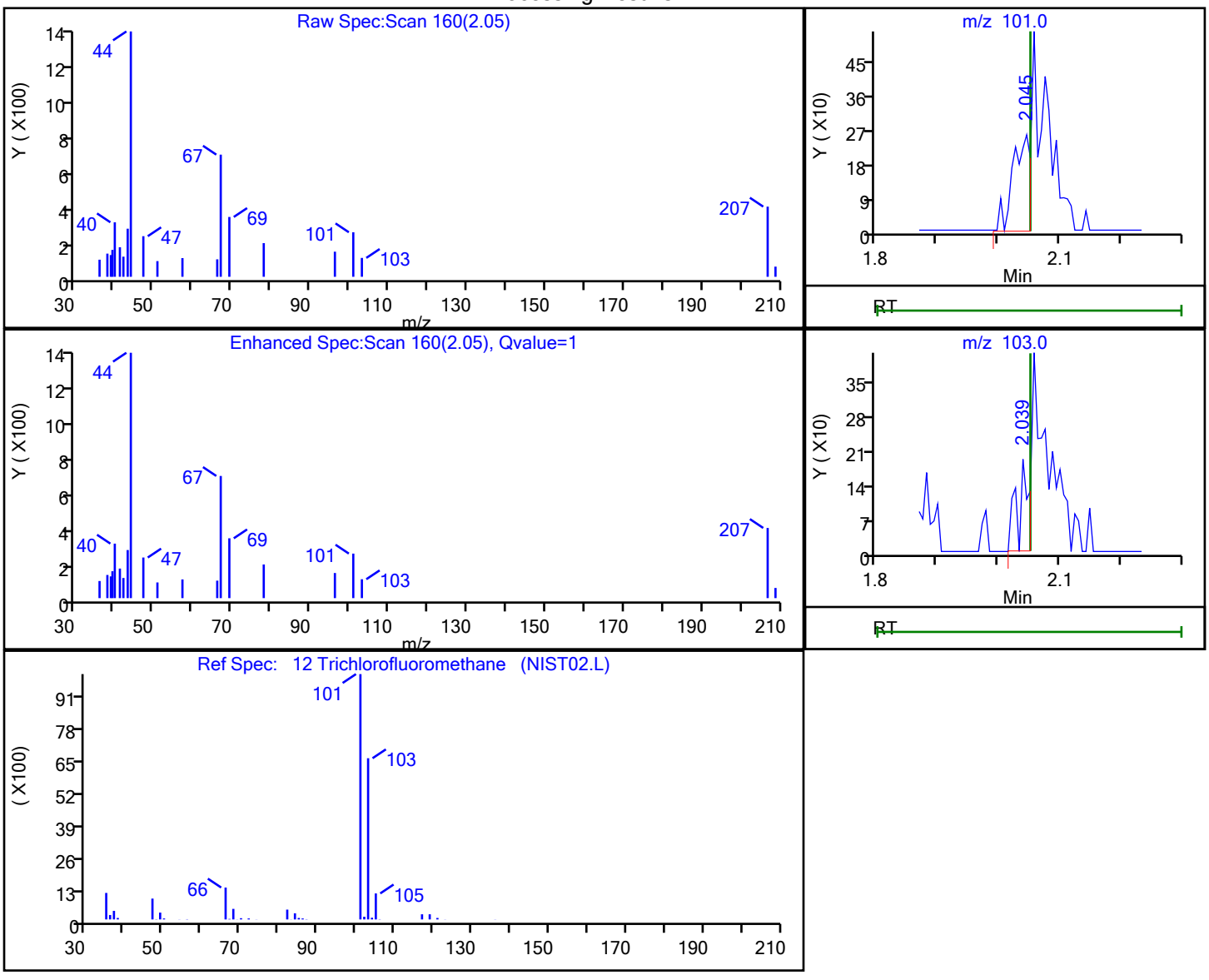
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.05	101.00	492	0.198708
2.04	103.00	239	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
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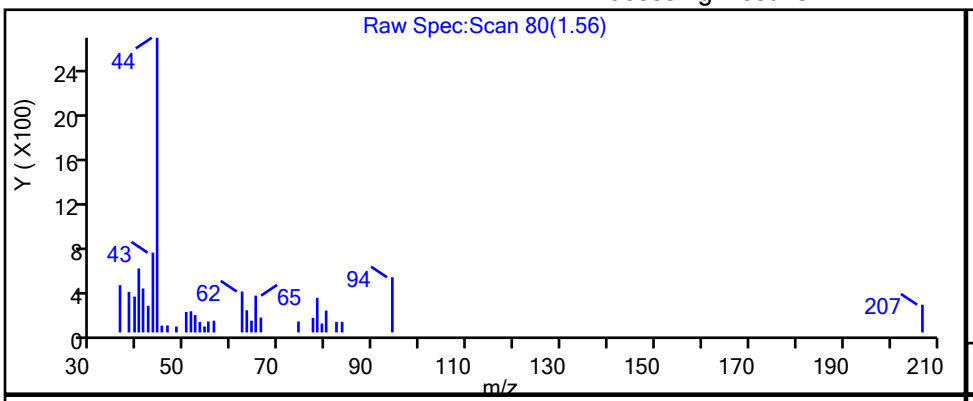
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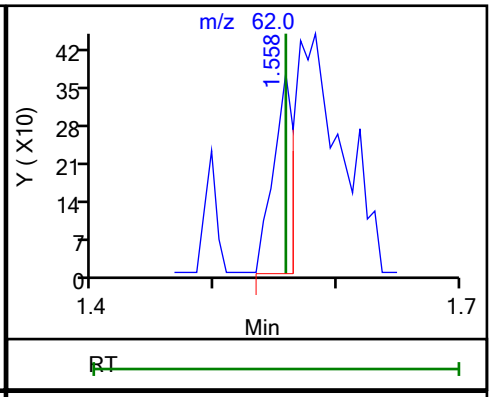
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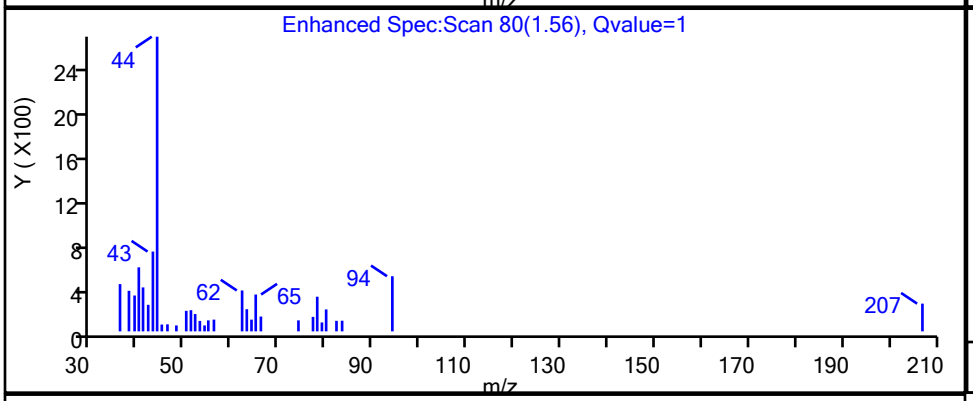
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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

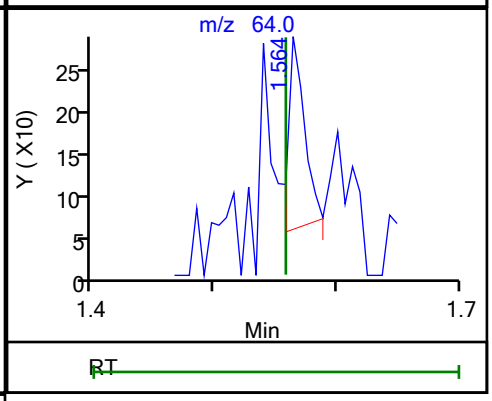
7 Vinyl chloride, CAS: 75-01-4

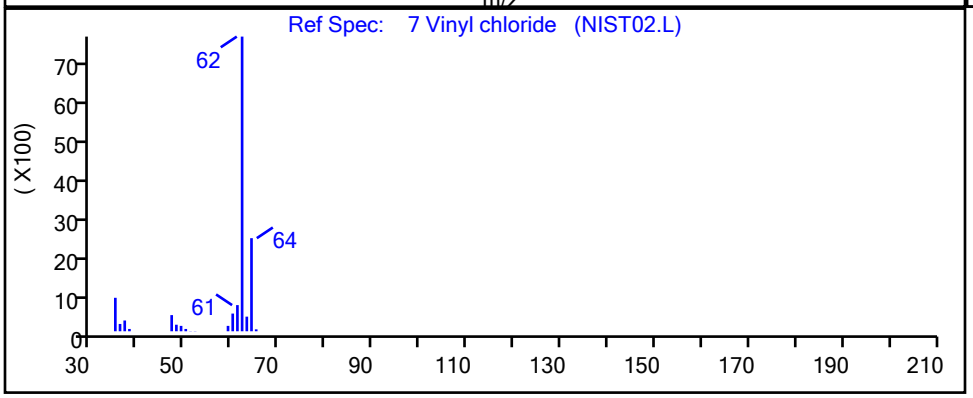
Processing Results











RT	Mass	Response	Amount
1.56	62.00	422	0.198118
1.56	64.00	203	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Aug-2024 08:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0180260-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:00 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:56:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	1	44	0.5000	0.0612	
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	56	852	0.5000	0.4386	M
4 Dichlorodifluoromethane	85	1.344	1.338	0.006	6	2228	0.5000	0.4826	M
5 Chlorodifluoromethane	67	1.357	1.351	0.006	35	313	0.5000	0.5652	a
6 Chloromethane	50	1.497	1.491	0.006	46	2424	0.5000	0.4383	M
7 Vinyl chloride	62	1.570	1.558	0.012	14	2236	0.5000	0.4606	M
8 Butadiene	54	1.564	1.570	-0.006	52	2329	0.5000	0.5108	M
9 Bromomethane	94	1.808	1.820	-0.012	37	1656	0.5000	0.4833	M
10 Chloroethane	64	1.881	1.881	0.000	34	1967	0.5000	0.6148	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	64	4097	0.5000	0.5015	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	49	2320	0.5000	0.4724	M
13 Pentane	72	2.058	2.070	-0.012	86	406	1.00	0.7009	a
14 Ethanol	46	2.204	2.234	-0.030	73	258	20.0	-124.5	
15 Ethyl ether	74	2.222	2.234	-0.012	96	3200	0.5000	0.4975	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	74	1719	0.5000	0.5387	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	18	1121	0.5000	0.3622	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	1	2510	0.5000	0.4599	M
19 Acrolein	56	2.393	2.387	0.006	47	1645	2.00	2.49	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	48	1440	0.5000	0.4833	M
21 1,1-Dichloroethene	96	2.442	2.436	0.006	95	2158	0.5000	0.5948	Ma
22 Acetone	43	2.515	2.497	0.018	71	3769	2.50	3.31	
23 Iodomethane	142	2.570	2.570	0.000	85	3295	0.5000	0.5280	
25 Isopropyl alcohol	45	2.594	2.588	0.006	31	880	5.00	5.30	a
24 Carbon disulfide	76	2.606	2.600	0.006	93	6783	0.5000	0.5230	M
26 3-Chloro-1-propene	76	2.710	2.716	-0.006	76	1298	0.5000	0.5262	
27 Methyl acetate	43	2.722	2.722	0.000	95	3697	1.00	1.21	
28 Cyclopentene	67	2.728	2.734	-0.006	47	4195	0.5000	0.5507	M
29 Acetonitrile	41	2.759	2.771	-0.012	63	2358	5.00	4.79	Ma
* 31 TBA-d9 (IS)	66	2.820	2.832	-0.012	0	40820	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	46	2843	0.5000	0.6326	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.923	2.887	0.036	2	1083	5.00	4.08	M
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	53	5738	0.5000	0.5128	M
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	38	2083	0.5000	0.5341	M
35 Acrylonitrile	53	3.076	3.070	0.006	93	7067	5.00	4.68	
36 Hexane	57	3.149	3.155	-0.006	87	2550	0.5000	0.6251	
37 Isopropyl ether	45	3.350	3.356	-0.006	90	7231	0.5000	0.5372	
38 1,1-Dichloroethane	63	3.375	3.381	-0.006	93	4073	0.5000	0.5630	
39 Vinyl acetate	86	3.393	3.393	0.000	99	526	1.00	0.9634	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	42	1594	0.5000	0.4874	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	5799	0.5000	0.4834	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	395506	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	40	560	0.5000	0.5040	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	76	2476	0.5000	0.5607	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	77	1078	2.50	2.60	
46 Ethyl acetate	70	3.887	3.887	0.000	66	251	1.00	0.6894	
47 Methyl acrylate	55	3.942	3.941	0.001	16	1543	0.5000	0.4783	M
48 Propionitrile	54	4.009	4.009	0.000	97	2265	5.00	4.84	
50 Tetrahydrofuran	72	4.076	4.082	-0.006	52	543	1.00	1.09	a
49 Chlorobromomethane	128	4.100	4.088	0.012	32	1066	0.5000	0.4939	
51 Methacrylonitrile	67	4.106	4.112	-0.006	92	7199	5.00	4.72	
52 Chloroform	83	4.143	4.143	0.000	95	3218	0.5000	0.4996	
53 Cyclohexane	84	4.271	4.271	0.000	69	2212	0.5000	0.4440	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	60	2581	0.5000	0.5434	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	183336	50.0	49.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	25	1653	0.5000	0.5270	M
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	2679	0.5000	0.5490	
58 Isobutyl alcohol	43	4.557	4.551	0.006	19	1012	12.5	11.4	Ma
59 Isooctane	57	4.582	4.582	0.000	97	6051	0.5000	0.5275	
60 Benzene	78	4.612	4.612	0.000	95	8574	0.5000	0.5539	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	215314	50.0	49.0	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	70	5691	0.5000	0.4674	
63 Isopropyl acetate	61	4.673	4.673	0.000	88	781	0.5000	0.3894	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	82	2665	0.5000	0.5319	
65 n-Heptane	100	4.777	4.771	0.006	89	241	0.5000	0.3555	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	767841	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	7	564	12.5	9.50	a
68 Trichloroethene	95	5.234	5.228	0.006	92	1923	0.5000	0.5280	
69 Methylcyclohexane	83	5.350	5.356	-0.006	83	2776	0.5000	0.4875	
70 Ethyl acrylate	99	5.356	5.356	0.000	90	89	0.5000	0.1474	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	67	1916	0.5000	0.4701	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	34399	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	85	560	1.00	0.6540	
75 1,4-Dioxane	88	5.606	5.618	-0.012	24	720	25.0	19.3	
74 Dibromomethane	93	5.624	5.630	-0.006	80	1157	0.5000	0.4940	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2870	0.5000	0.5442	
77 Dichlorobromomethane	83	5.783	5.783	0.000	95	2104	0.5000	0.4985	
78 2-Nitropropane	41	6.118	6.112	0.006	42	1115	1.00	2.29	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	73	1268	0.5012	0.5017	
80 Epichlorohydrin	57	6.215	6.222	-0.007	96	3591	10.0	10.7	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	92	2629	0.5000	0.4670	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	96	3252	2.50	2.35	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	716109	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	92	10256	0.5000	0.6162	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	2234	0.5000	0.4715	
86 Ethyl methacrylate	69	6.978	6.977	0.001	43	1273	0.5000	0.2573	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	78	1250	0.5000	0.4578	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	1951	0.5000	0.5597	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	2726	0.5000	0.4962	
90 2-Hexanone	43	7.423	7.423	0.001	94	5407	2.50	2.45	
91 n-Butyl acetate	43	7.545	7.544	0.000	65	2289	0.5000	0.4580	
92 Chlorodibromomethane	129	7.569	7.575	-0.006	88	1091	0.5000	0.4197	
93 Ethylene Dibromide	107	7.721	7.721	0.000	90	1621	0.5000	0.5292	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	529898	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	5054	0.5000	0.5226	
96 Ethylbenzene	106	8.410	8.410	0.000	98	2663	0.5000	0.5097	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	36	1397	0.5000	0.4964	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2888	0.5000	0.4615	
99 o-Xylene	106	9.099	9.087	0.012	89	3238	0.5000	0.5070	M
100 n-Butyl acrylate	73	9.093	9.087	0.006	48	893	0.5000	0.4213	M
101 Styrene	104	9.123	9.123	0.000	96	5232	0.5000	0.5174	
102 Bromoform	173	9.373	9.367	0.006	49	494	0.5000	0.5218	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	89	1937	0.5000	0.2508	M
104 Isopropylbenzene	105	9.532	9.532	0.000	95	6801	0.5000	0.4685	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	220729	50.0	49.5	
106 Bromobenzene	156	9.904	9.898	0.006	96	2405	0.5000	0.5707	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	91	1890	0.5000	0.4647	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	9975	0.5000	0.5218	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	94	549	0.5000	0.4729	
110 trans-1,4-Dichloro-2-butene	53	10.032	10.044	-0.012	64	373	0.5000	0.3965	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	6762	0.5000	0.5039	
112 4-Ethyltoluene	105	10.117	10.123	-0.006	98	8236	0.5000	0.5144	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	6629	0.5000	0.5003	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	6679	0.5000	0.5179	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	1106	0.5000	0.2158	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	5672	0.5000	0.5098	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	6884	0.5000	0.4989	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	8564	0.5000	0.5074	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	4136	0.5000	0.5020	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	6586	0.5000	0.4555	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	296084	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	88	4186	0.5000	0.5097	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	96	7687	0.5000	0.5127	
124 Benzyl chloride	91	11.086	11.086	0.000	95	2415	0.5000	0.4163	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	93	6583	0.5000	0.4619	
126 p-Diethylbenzene	119	11.215	11.214	0.001	93	4207	0.5000	0.4553	a
127 n-Butylbenzene	92	11.239	11.239	0.000	96	3578	0.5000	0.4518	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	95	3778	0.5000	0.4669	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	7399	0.5000	0.5118	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	1	196	0.5000	0.3436	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	90	3649	0.5000	0.5287	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	89	2893	0.5000	0.4677	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	89	1558	0.5000	0.4896	
134 Naphthalene	128	12.775	12.775	0.000	98	6654	0.5000	0.4608	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	3047	0.5000	0.4798	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.09	
S 137 Xylenes, Total	100				0		1.00	0.9685	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9386	
S 140 Total BTEX	1				0		2.50	2.65	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	5.00	Units: uL	
ACROLEIN W_00173	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	5.00	Units: uL	
14DIOXINTER_00172	Amount Added:	15.00	Units: uL	
GASES Li_00600	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:00 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D

Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17

Lims ID: STD05

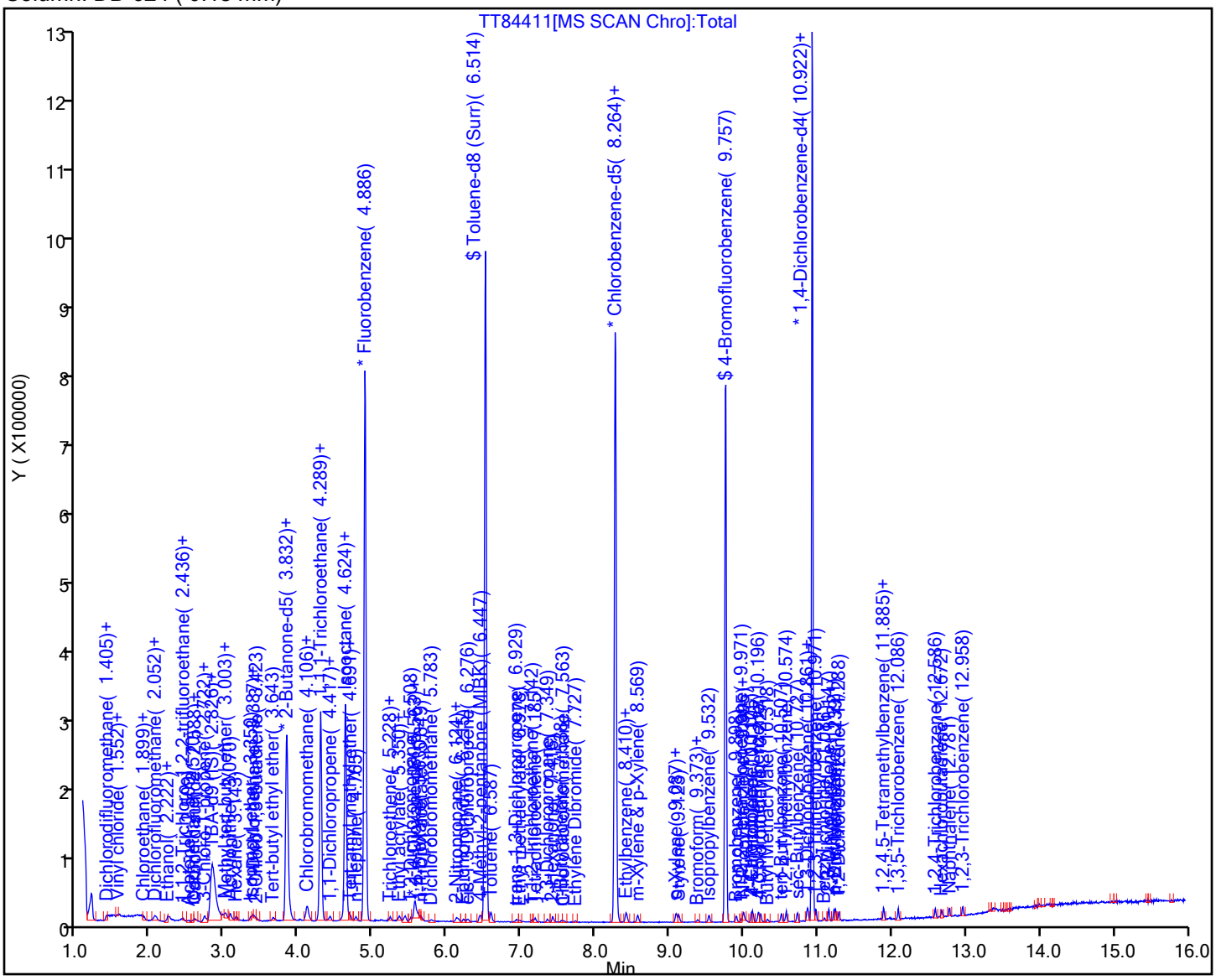
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

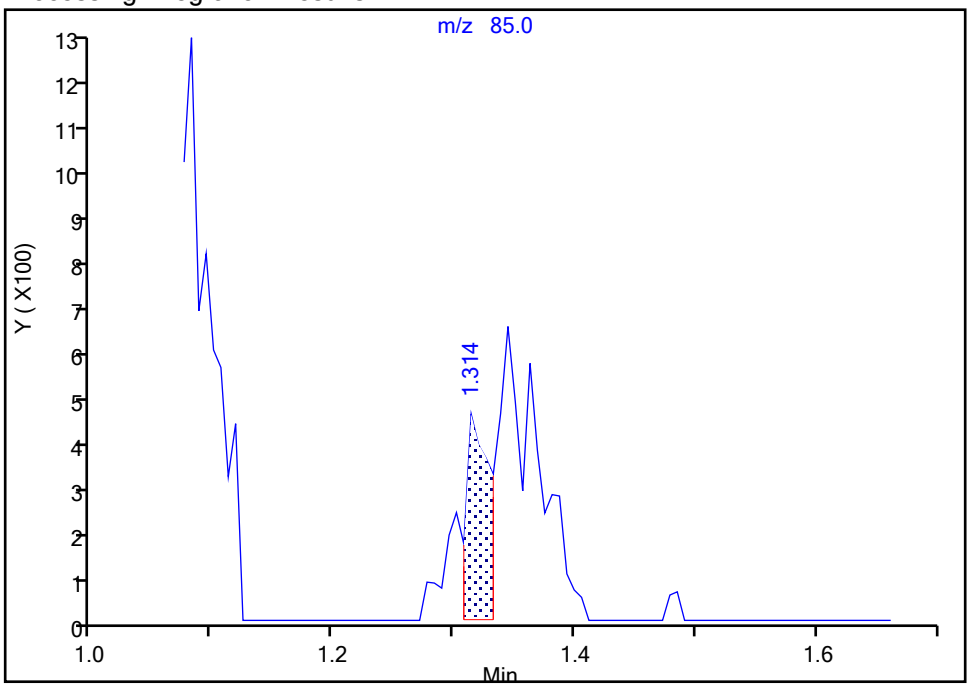
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

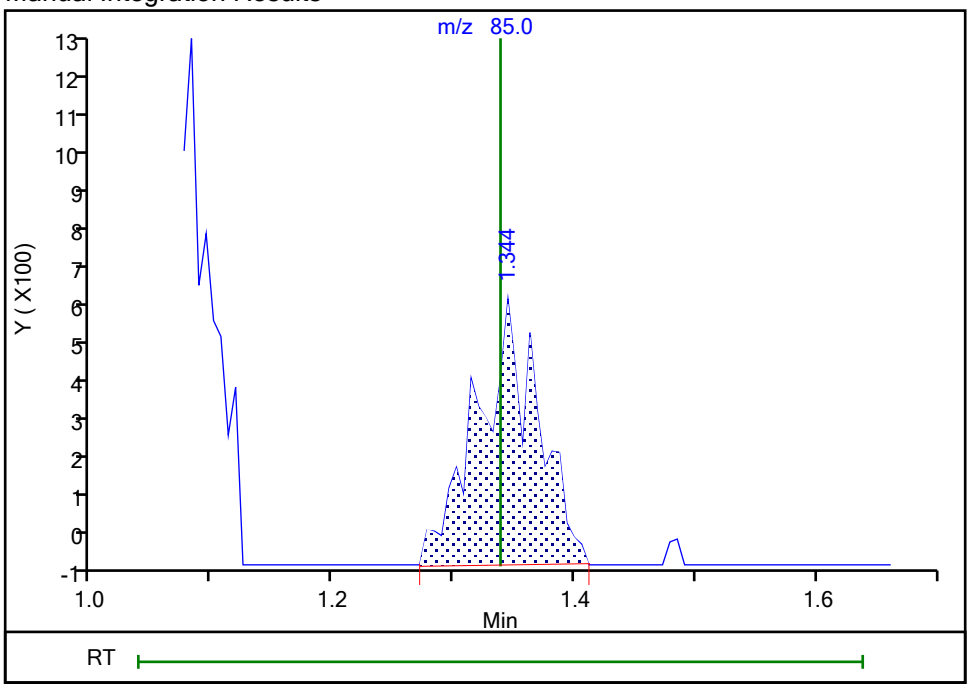
Processing Integration Results

RT: 1.31
Area: 609
Amount: 0.165637
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 2228
Amount: 0.482595
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:51:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

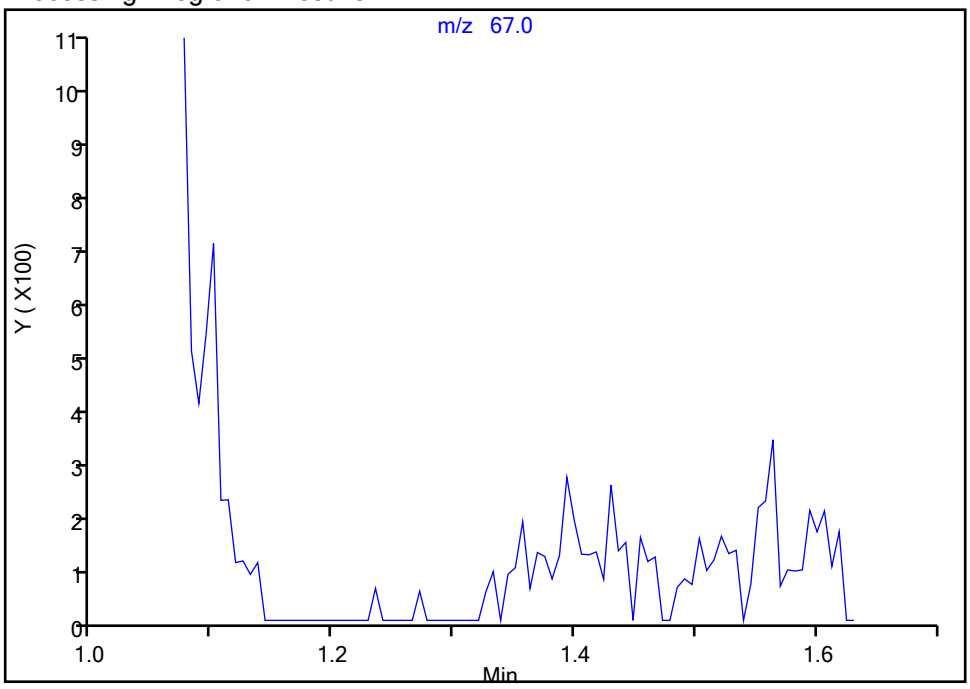
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

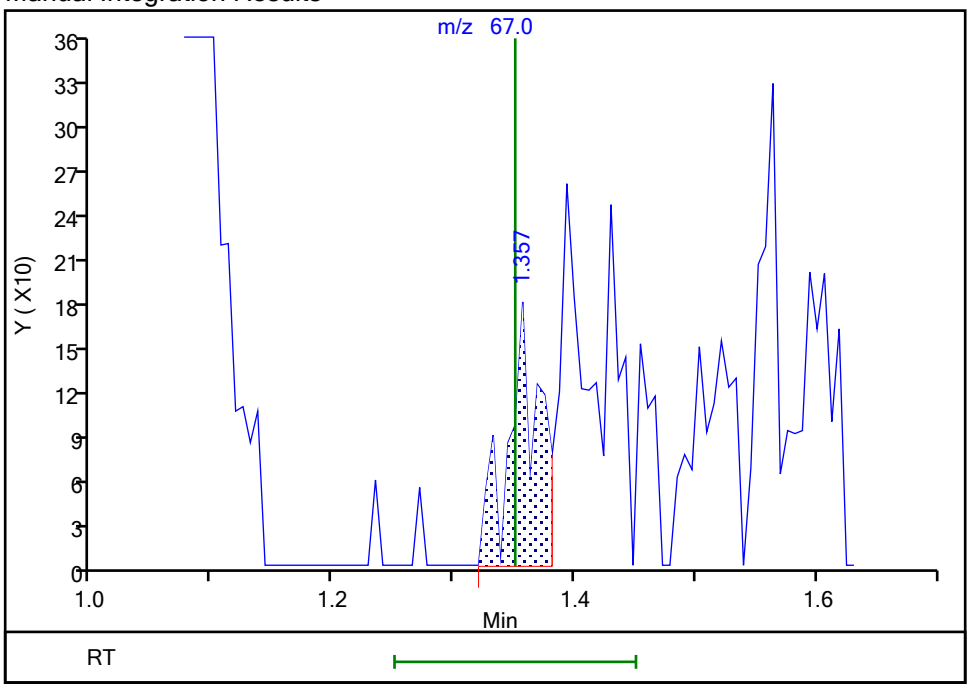
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 313
Amount: 0.565218
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

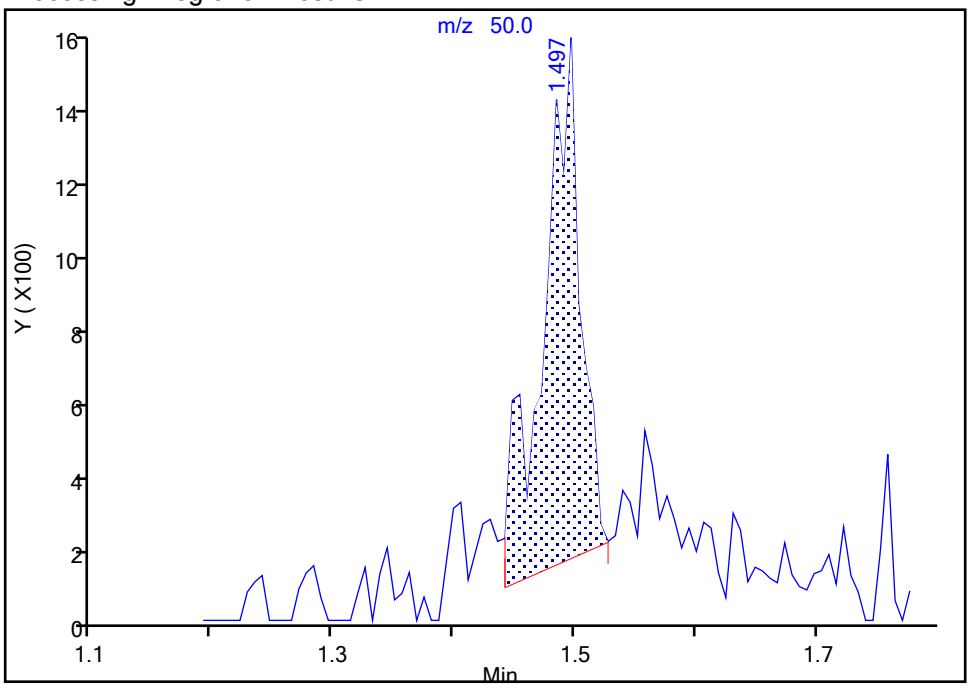
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

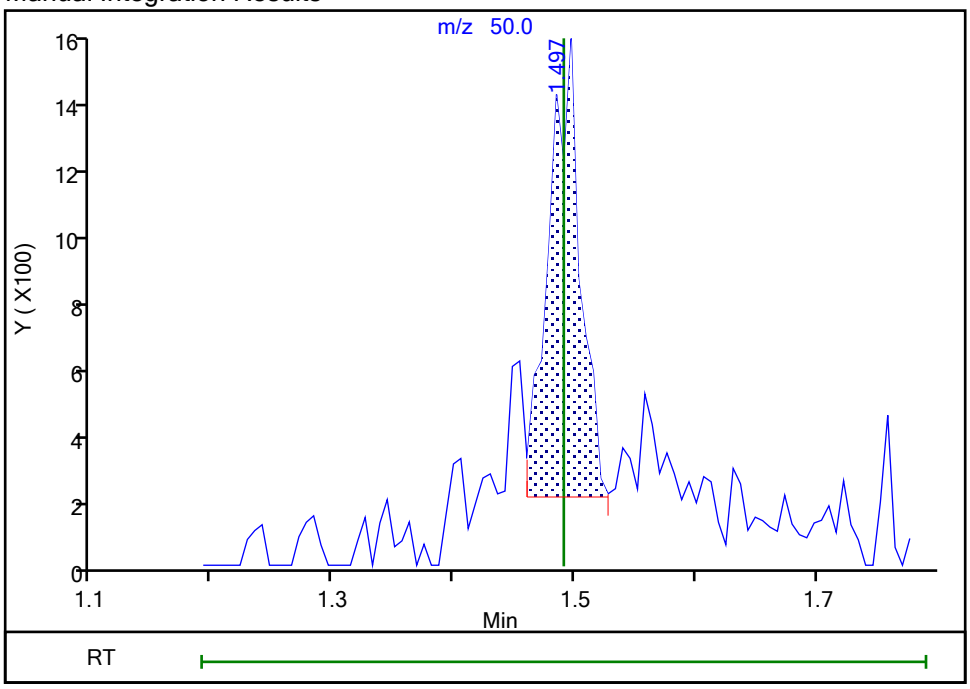
Processing Integration Results

RT: 1.50
Area: 2993
Amount: 0.517256
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 2424
Amount: 0.438255
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

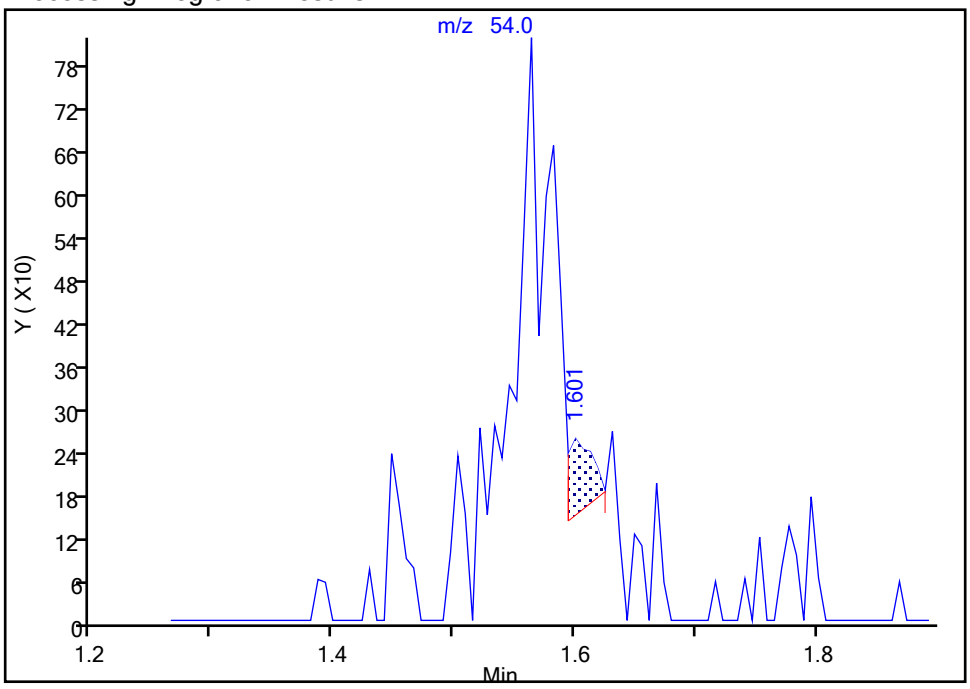
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

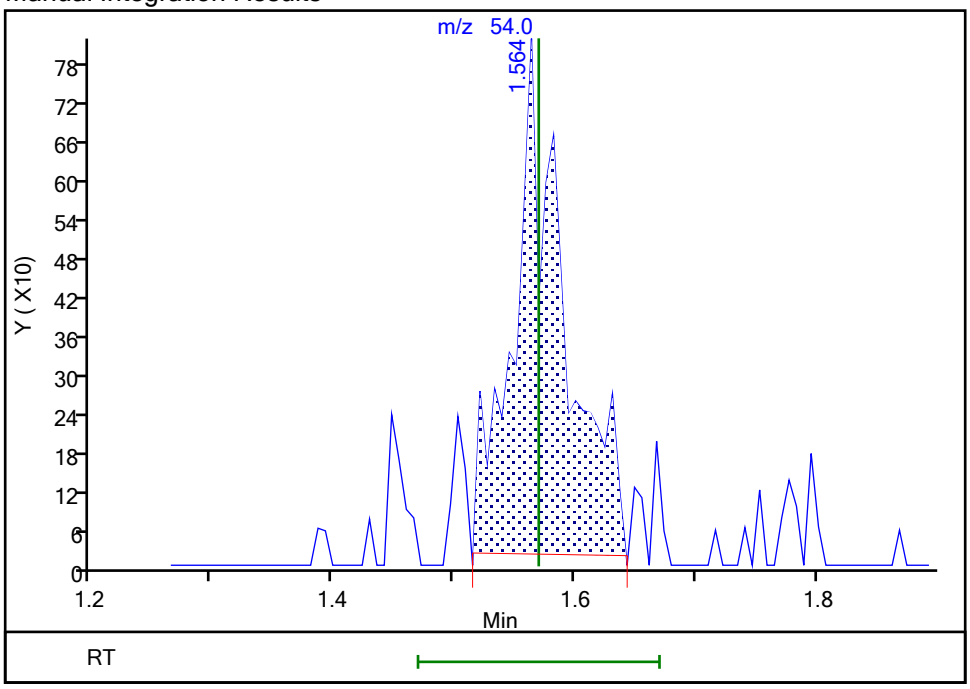
Processing Integration Results

RT: 1.60
Area: 143
Amount: 0.057134
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 2329
Amount: 0.510756
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

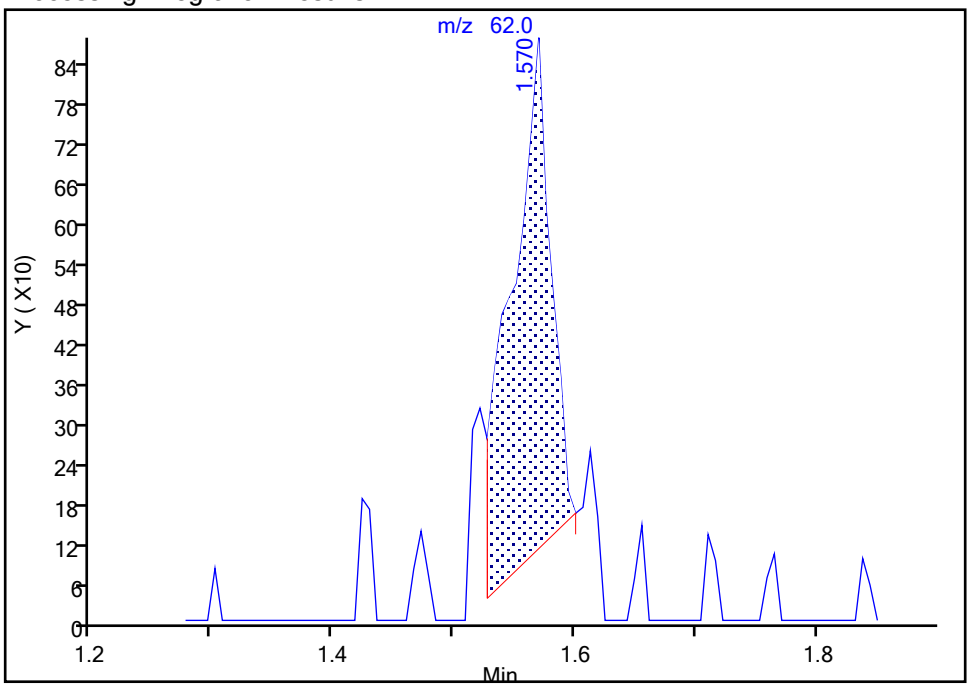
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

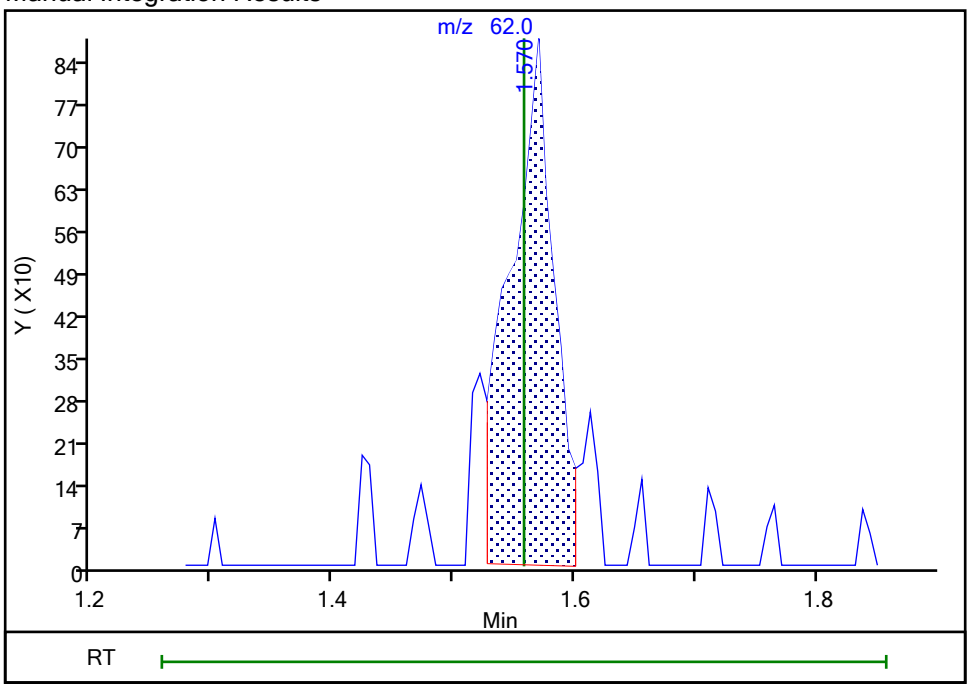
Processing Integration Results

RT: 1.57
Area: 1784
Amount: 0.356862
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 2236
Amount: 0.460613
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

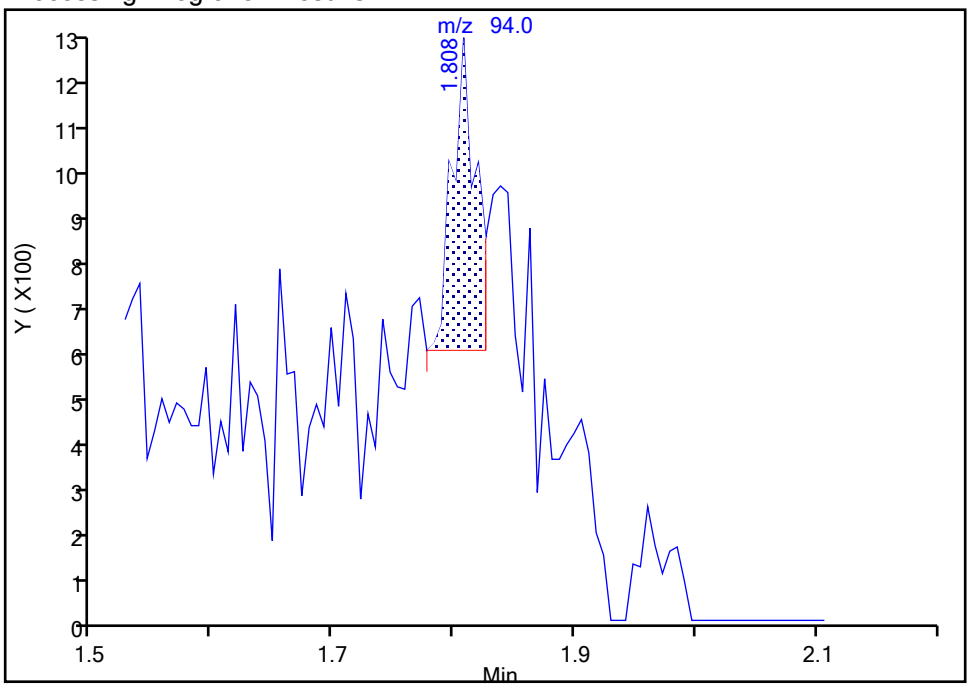
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

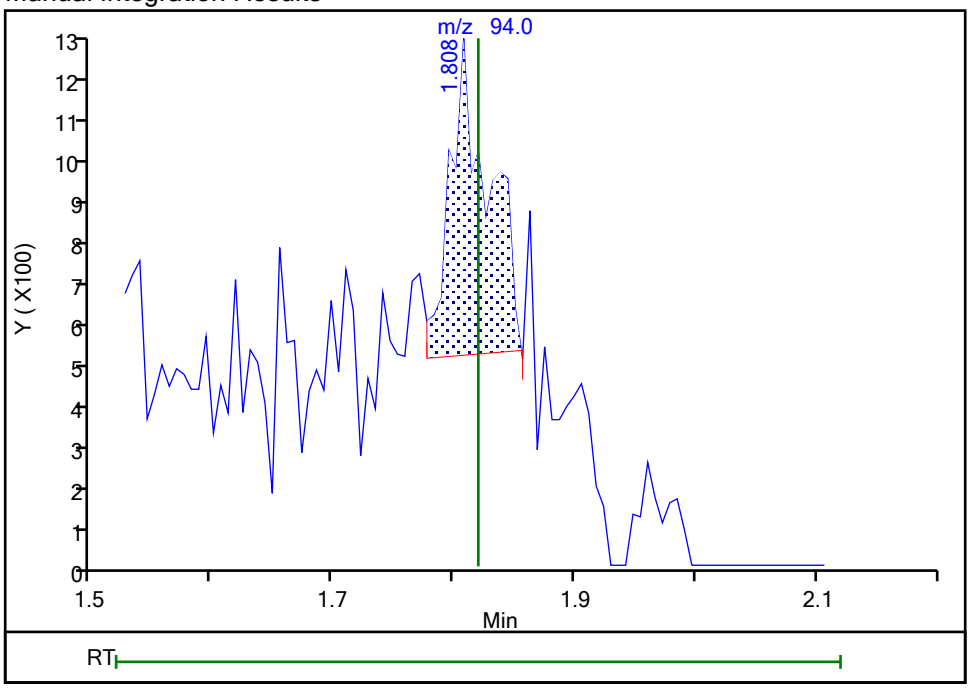
Processing Integration Results

RT: 1.81
Area: 901
Amount: 0.253556
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 1656
Amount: 0.483331
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:37:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

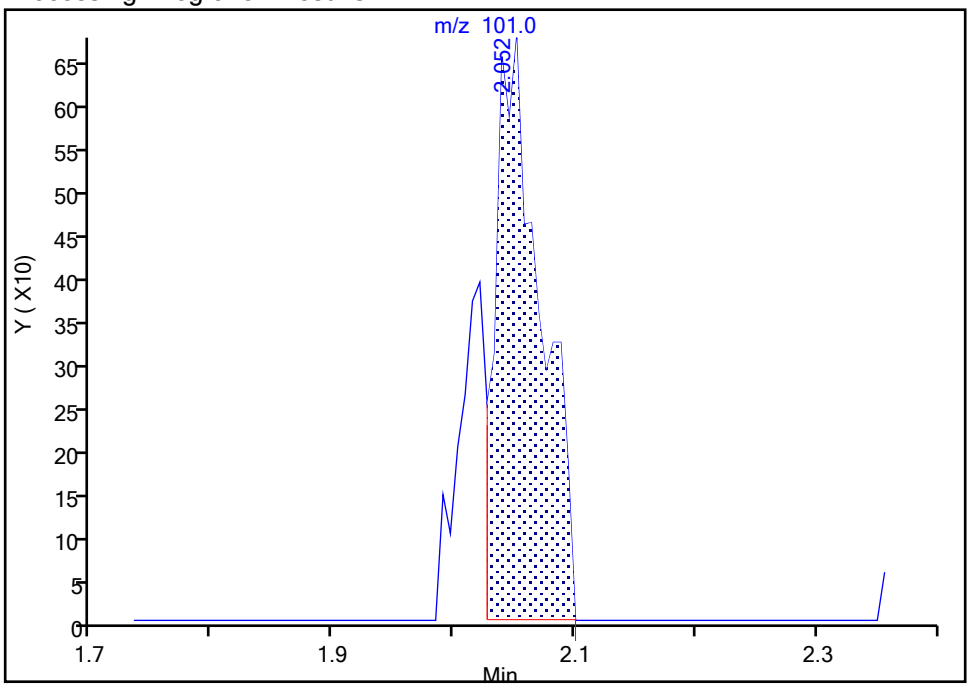
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

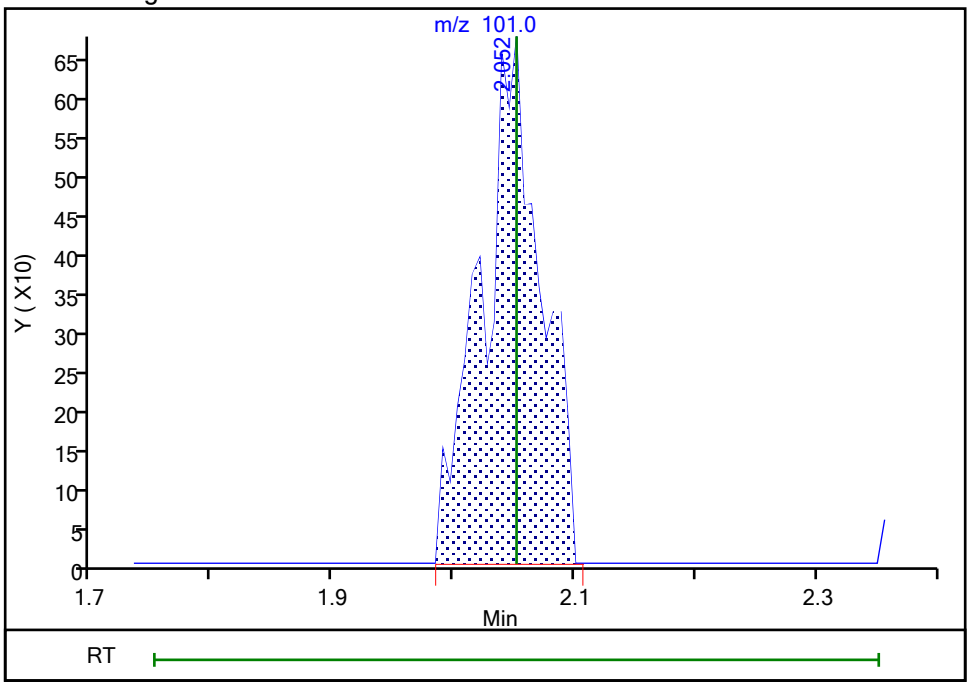
Processing Integration Results

RT: 2.05
Area: 1780
Amount: 0.395744
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 2320
Amount: 0.472409
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

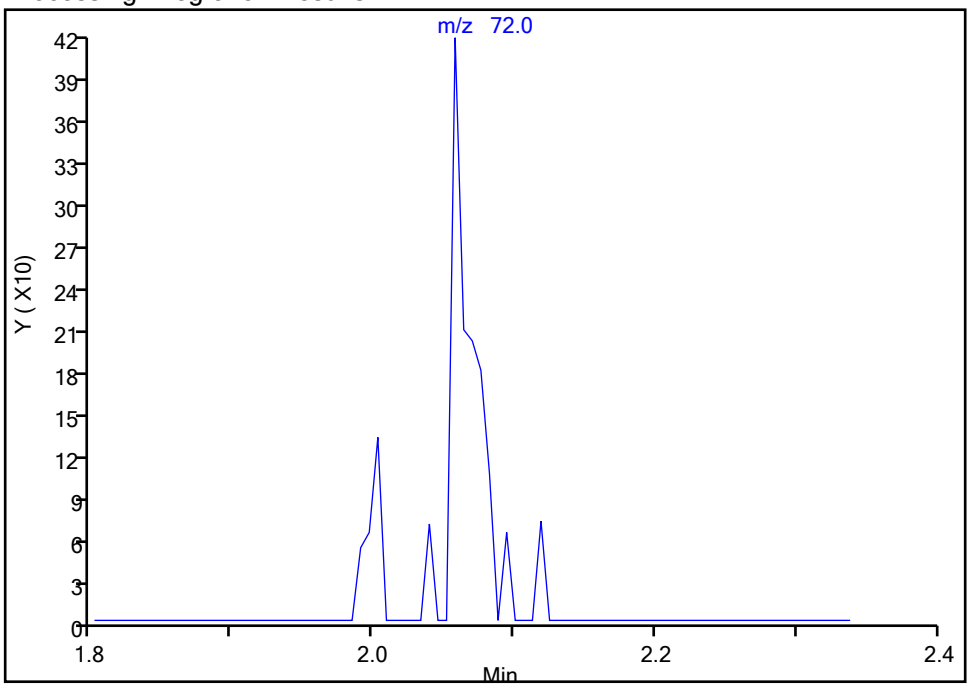
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

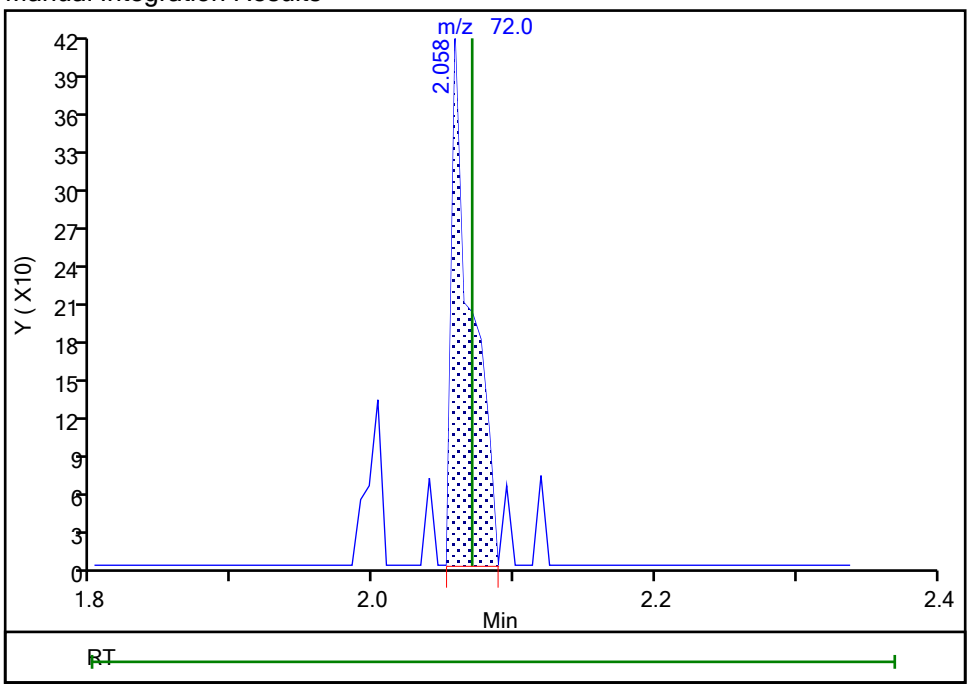
Not Detected
Expected RT: 2.07

Processing Integration Results



Manual Integration Results

RT: 2.06
Area: 406
Amount: 0.700949
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

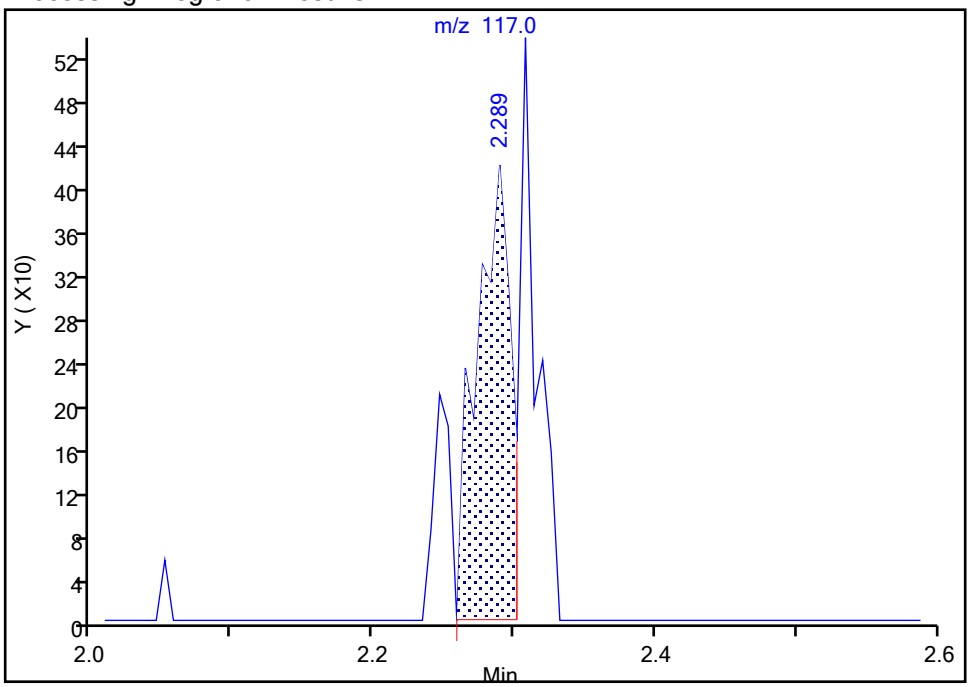
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

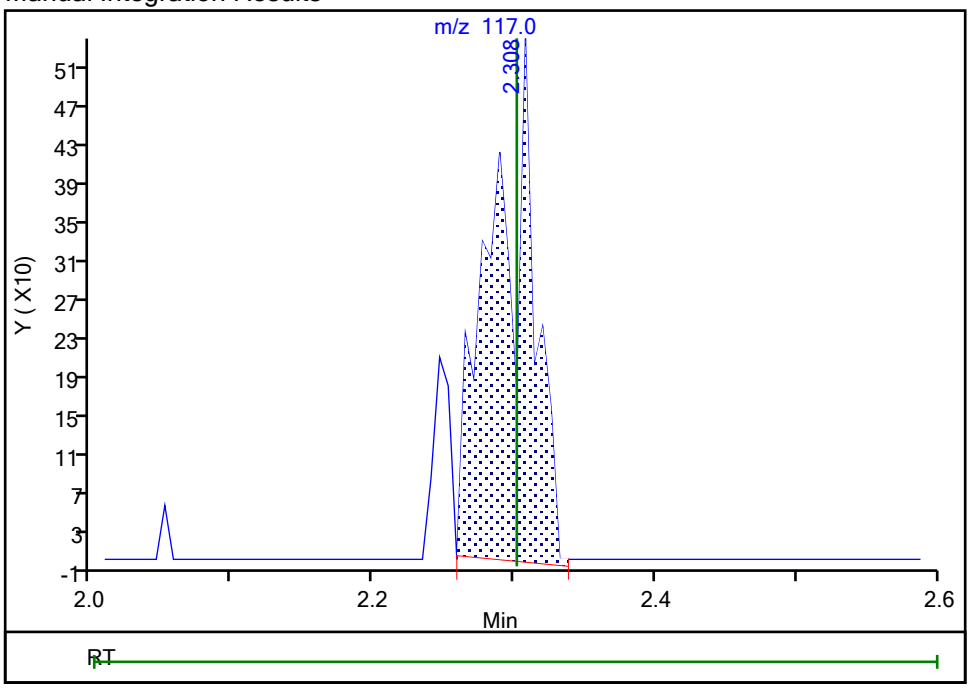
Processing Integration Results

RT: 2.29
Area: 705
Amount: 0.285347
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 1121
Amount: 0.362197
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

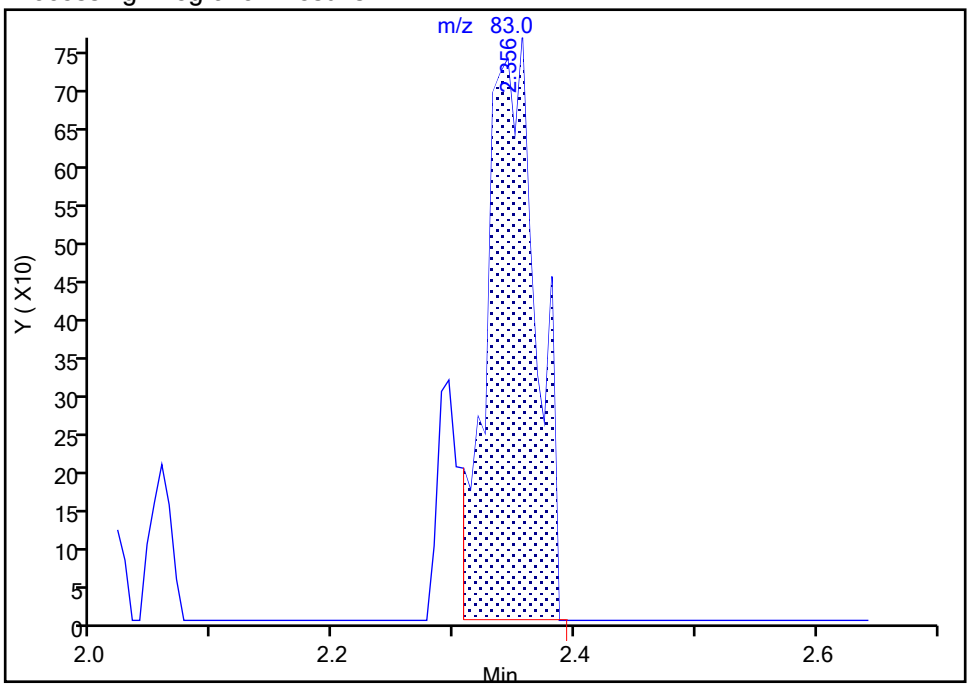
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

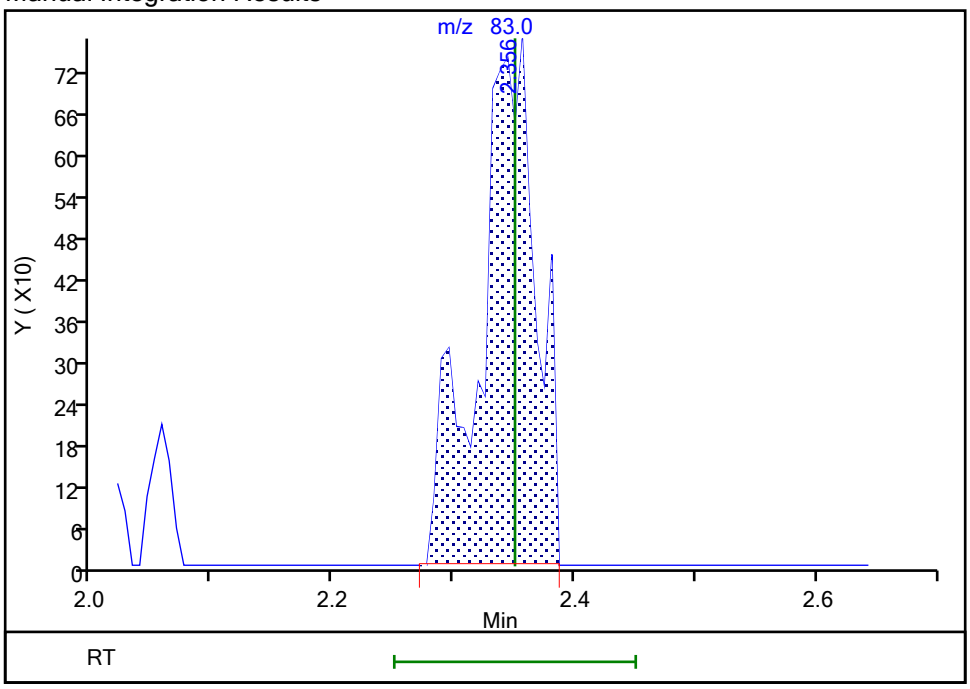
Processing Integration Results

RT: 2.36
Area: 2182
Amount: 0.400785
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 2510
Amount: 0.459866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

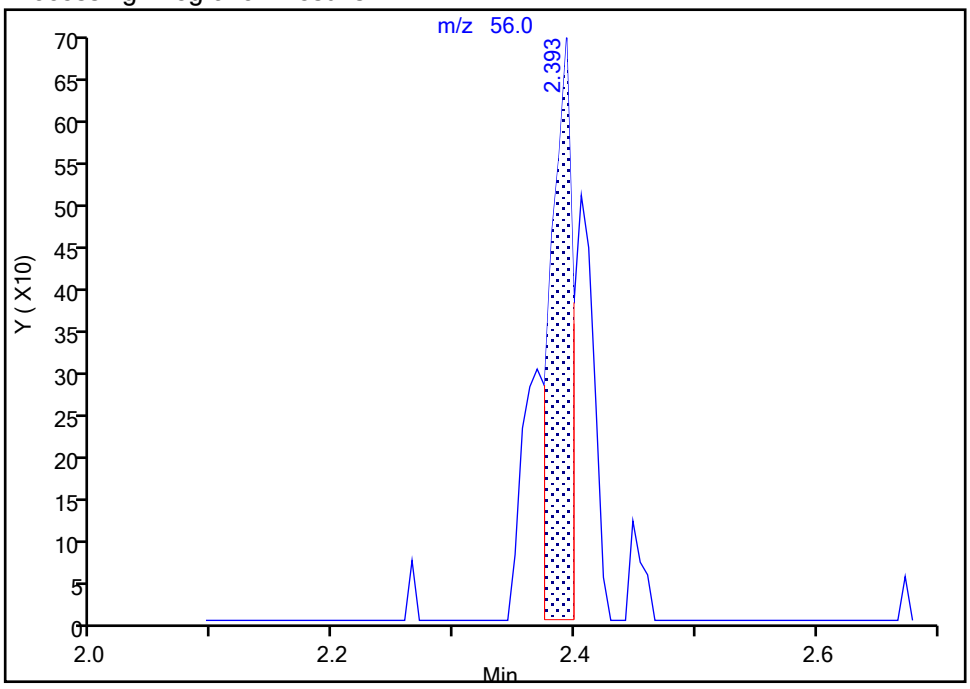
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

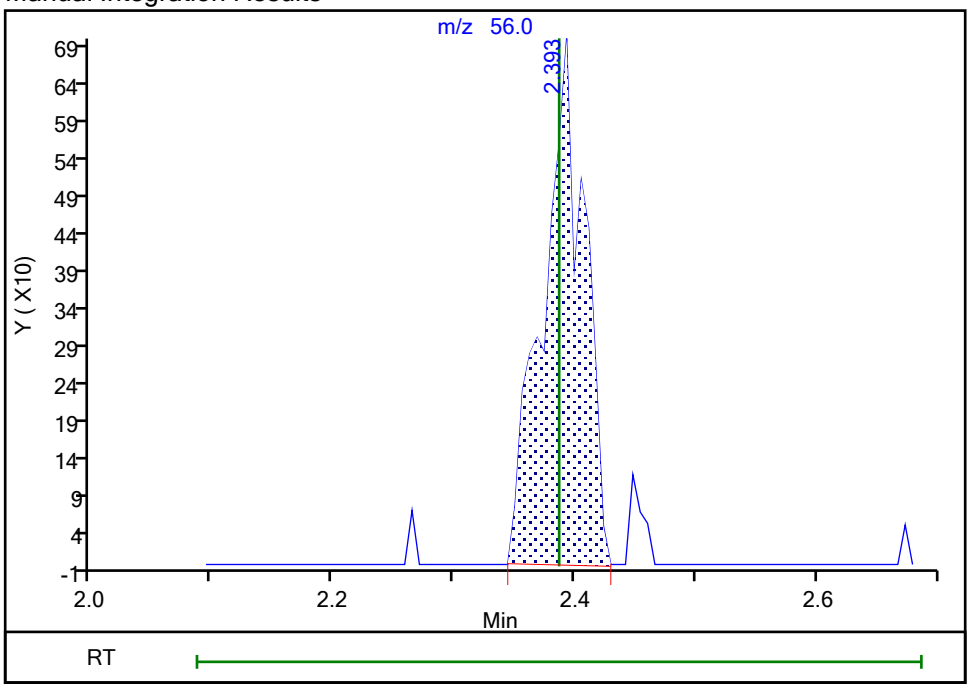
Processing Integration Results

RT: 2.39
Area: 862
Amount: 1.625985
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 1645
Amount: 2.492636
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

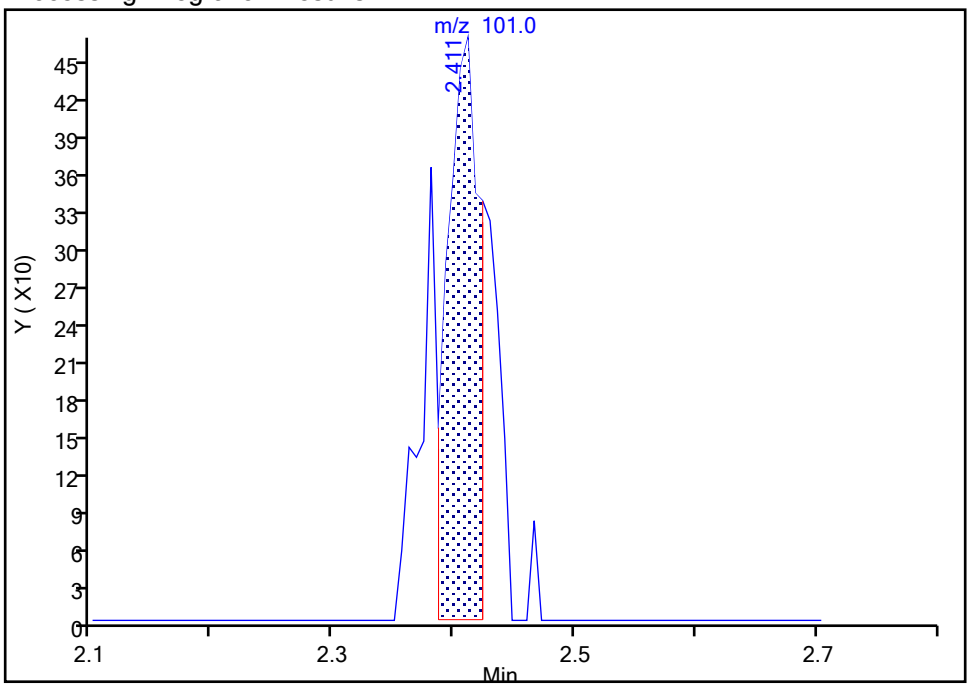
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

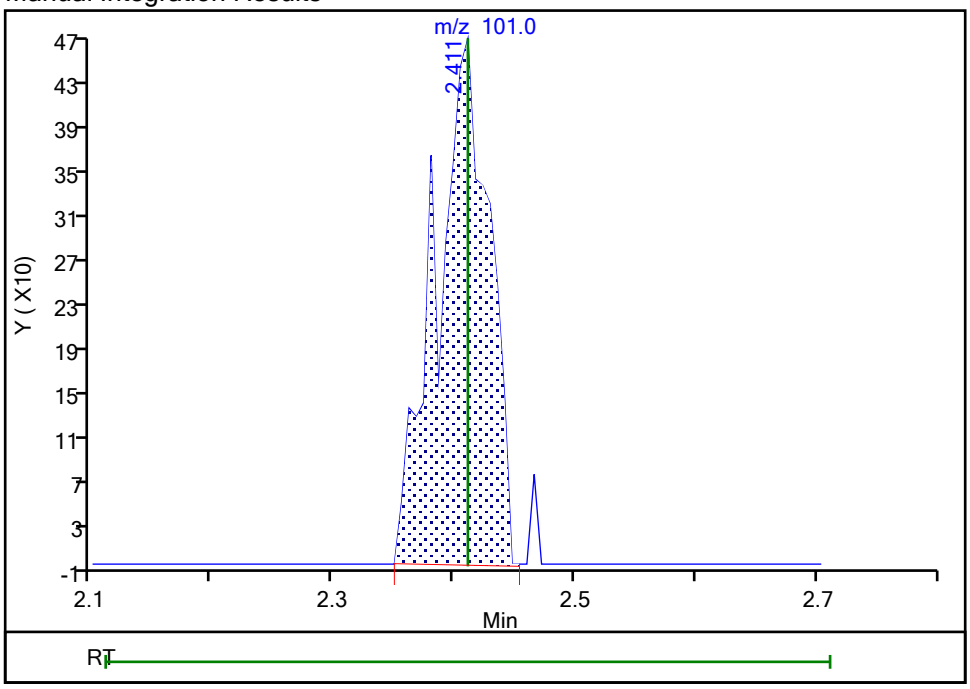
Processing Integration Results

RT: 2.41
Area: 873
Amount: 0.293944
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1440
Amount: 0.483302
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

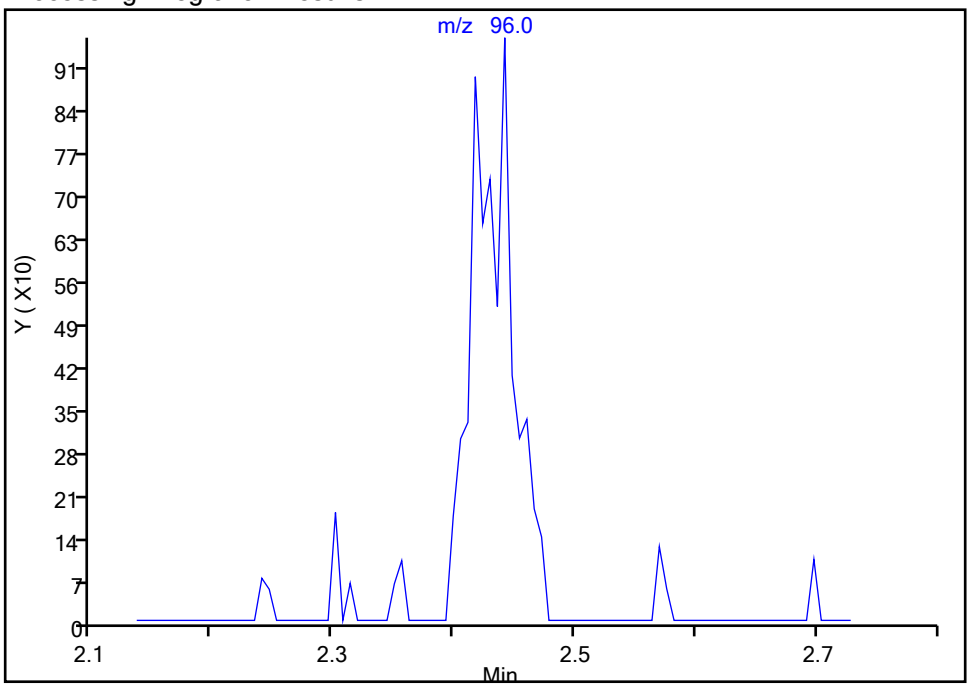
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

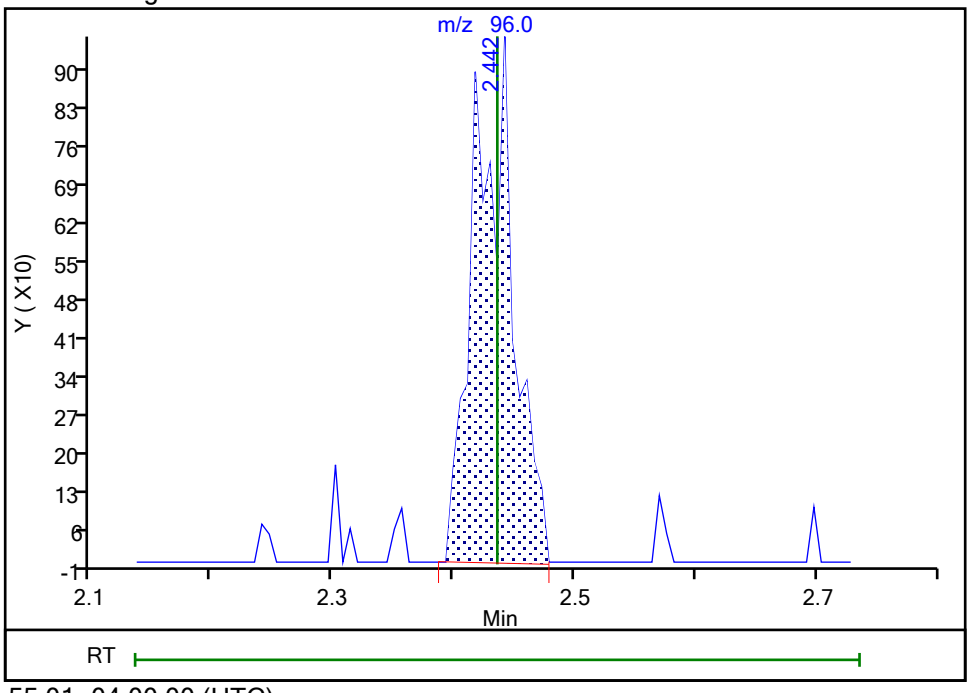
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 2158
Amount: 0.594833
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

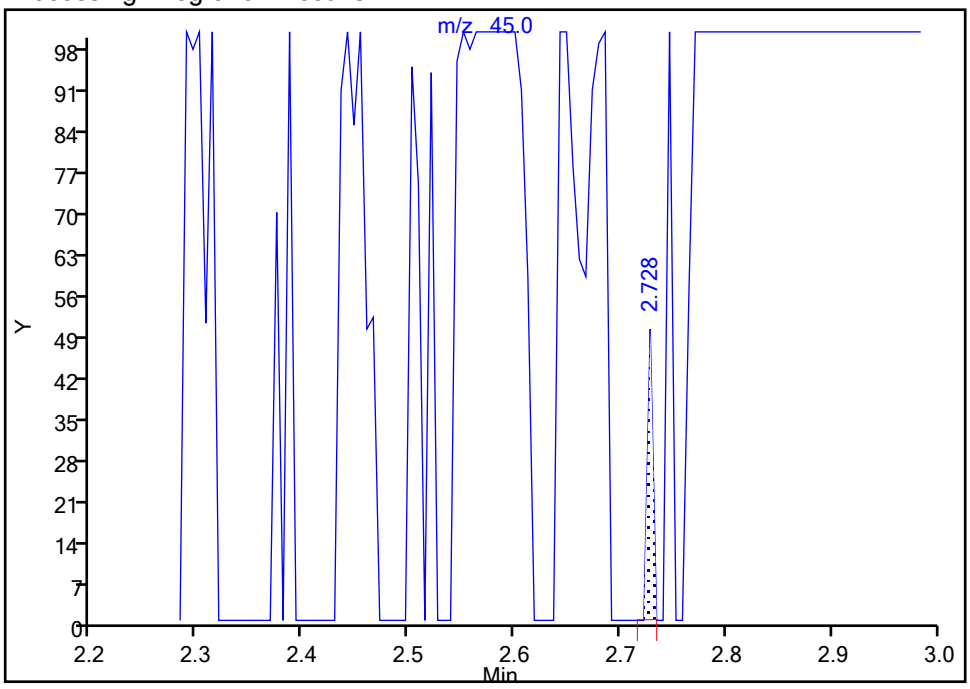
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

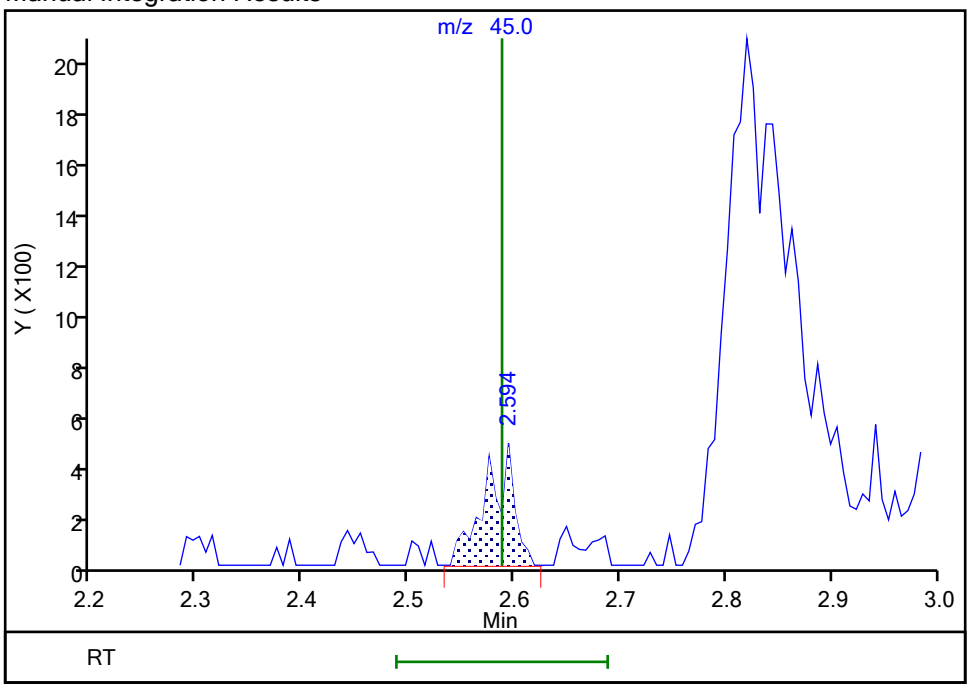
Processing Integration Results

RT: 2.73
Area: 18
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 880
Amount: 5.300947
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:01:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

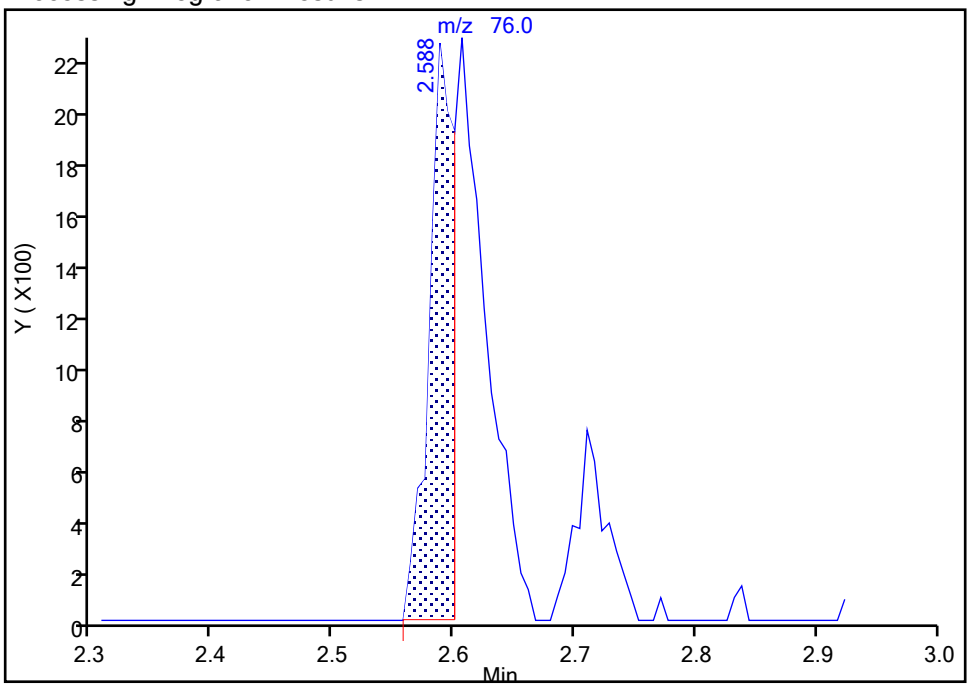
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

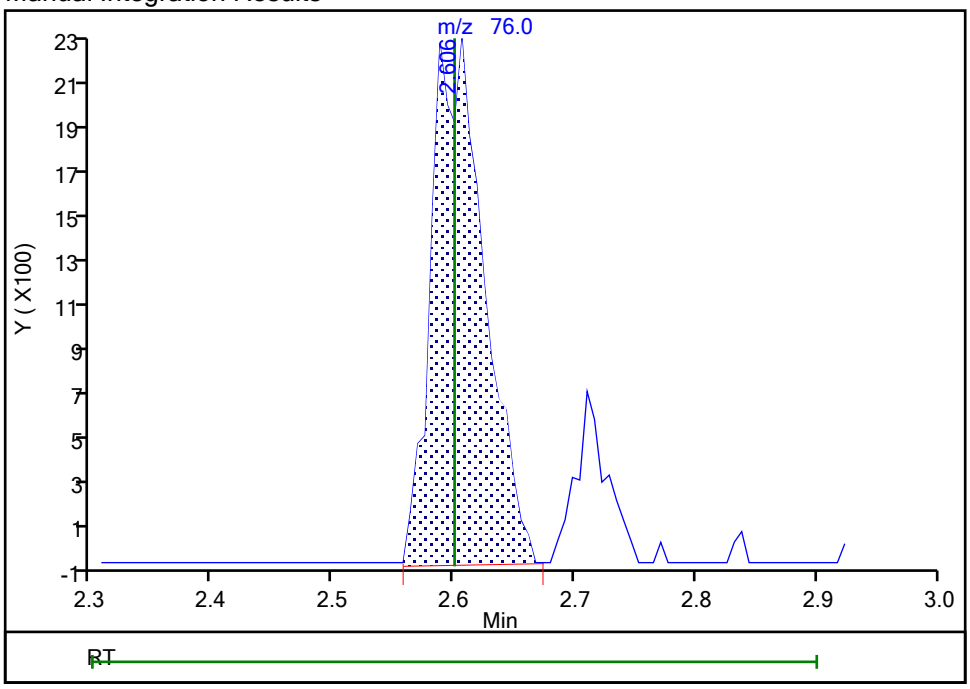
Processing Integration Results

RT: 2.59
Area: 3194
Amount: 0.236643
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 6783
Amount: 0.523030
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

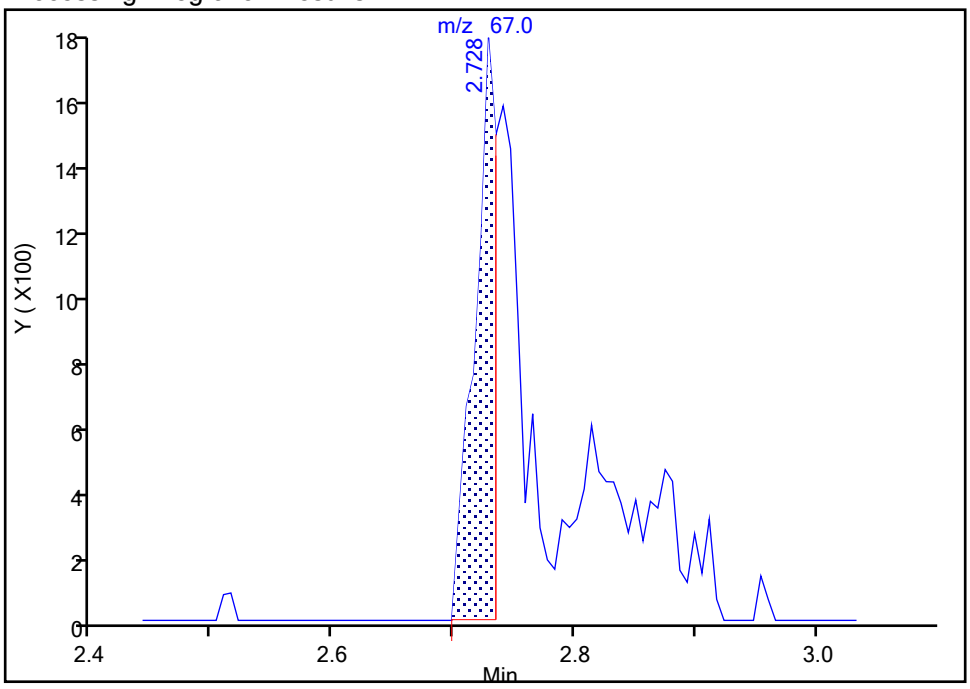
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

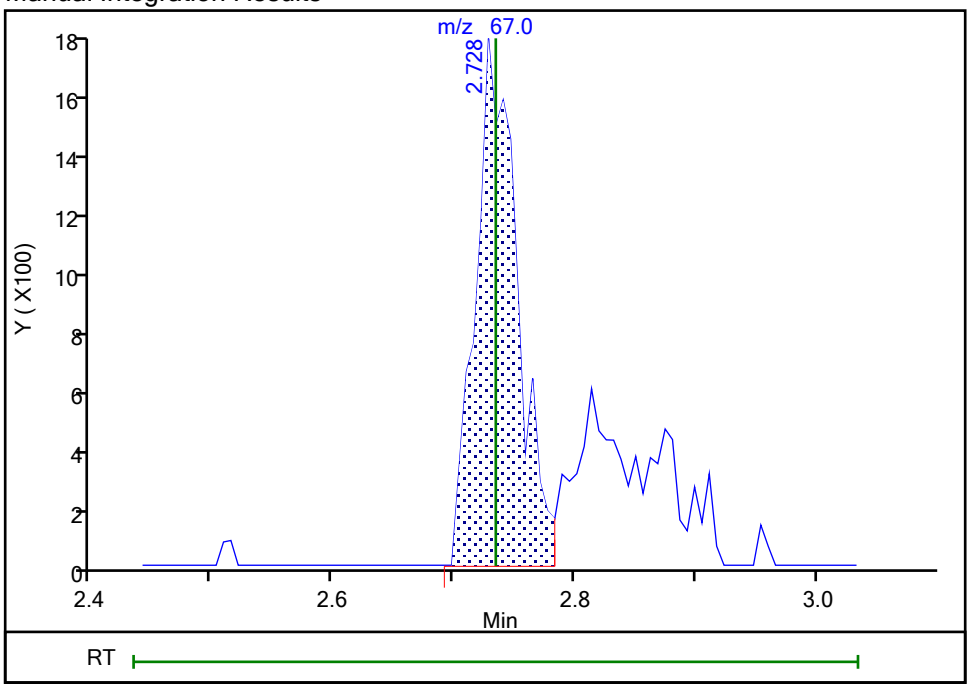
Processing Integration Results

RT: 2.73
Area: 2206
Amount: 0.293173
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 4195
Amount: 0.550701
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

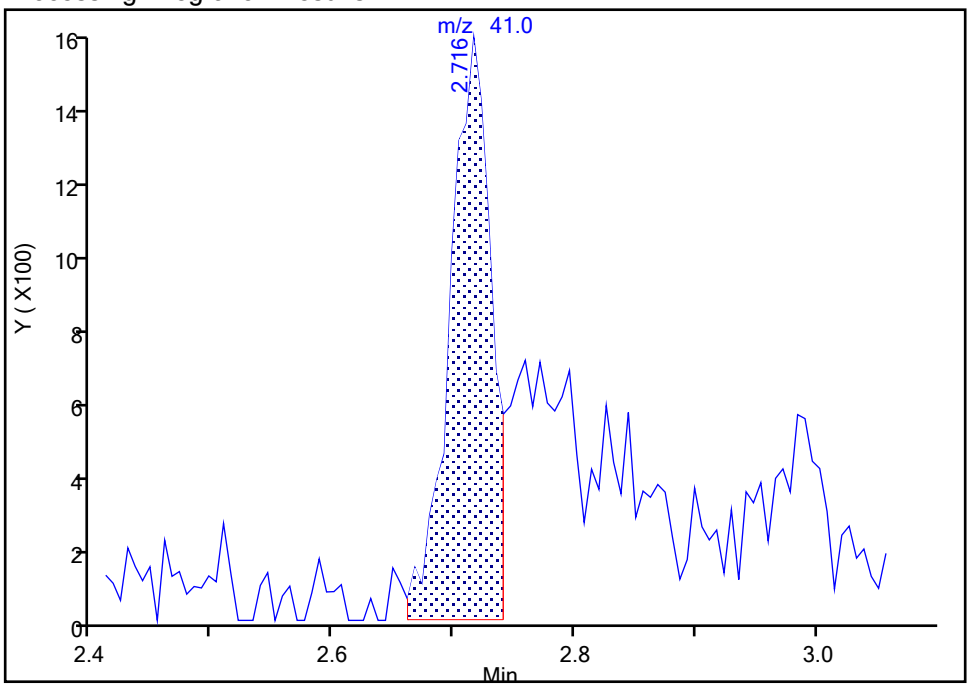
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

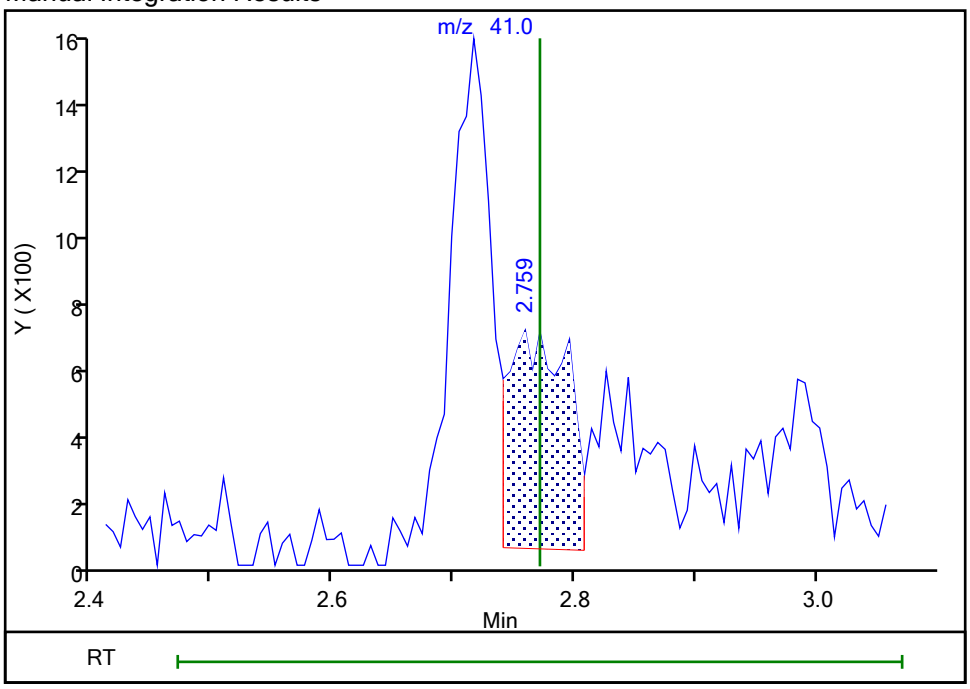
Processing Integration Results

RT: 2.72
Area: 3841
Amount: 6.194849
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 2358
Amount: 4.789629
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:42:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

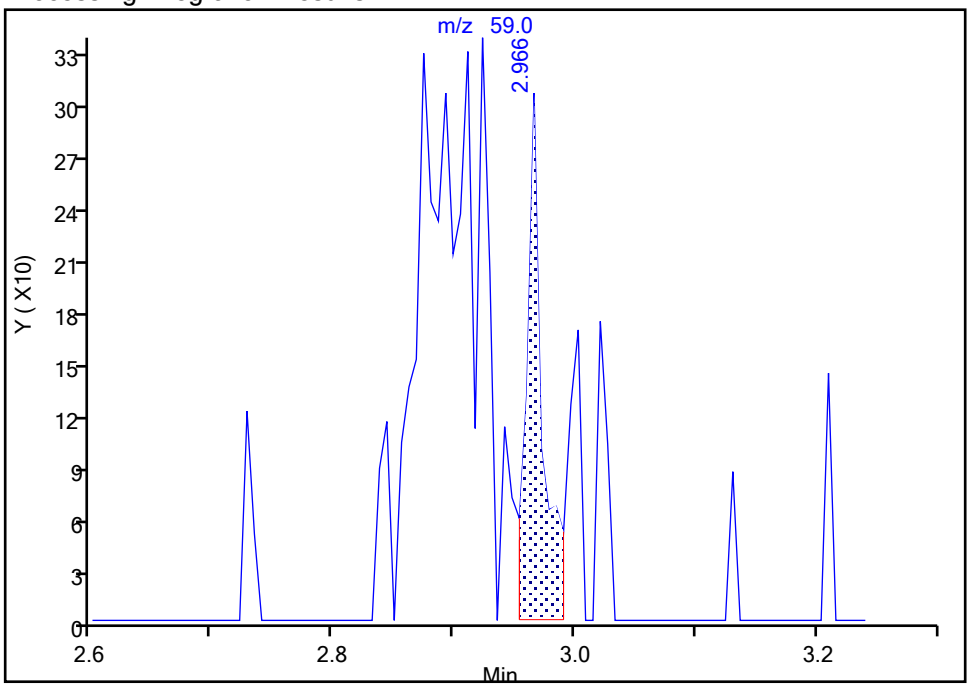
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

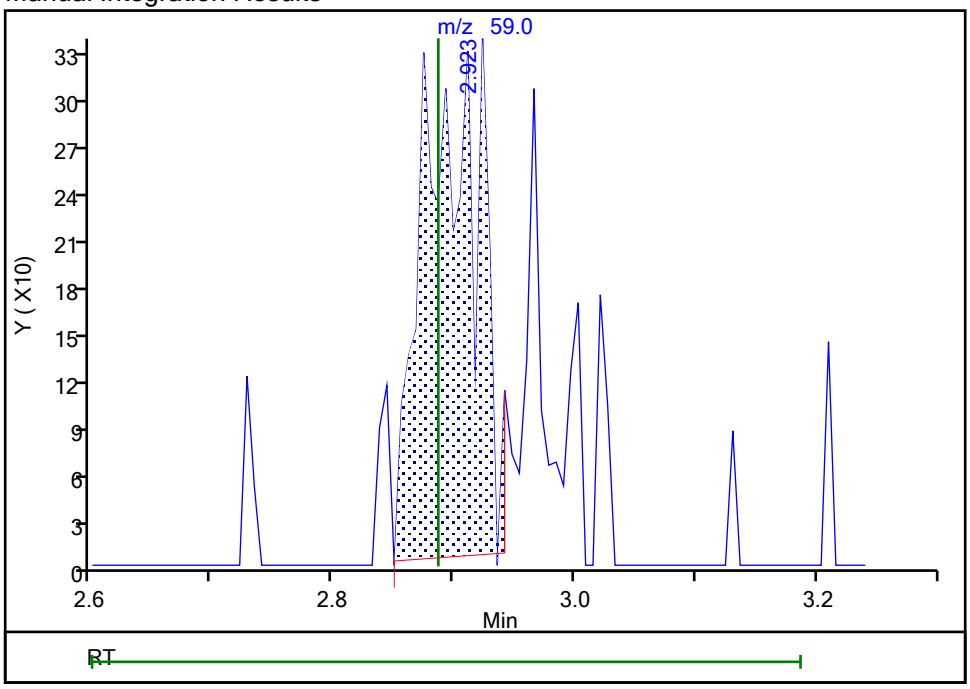
Processing Integration Results

RT: 2.97
Area: 284
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.92
Area: 1083
Amount: 4.078774
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

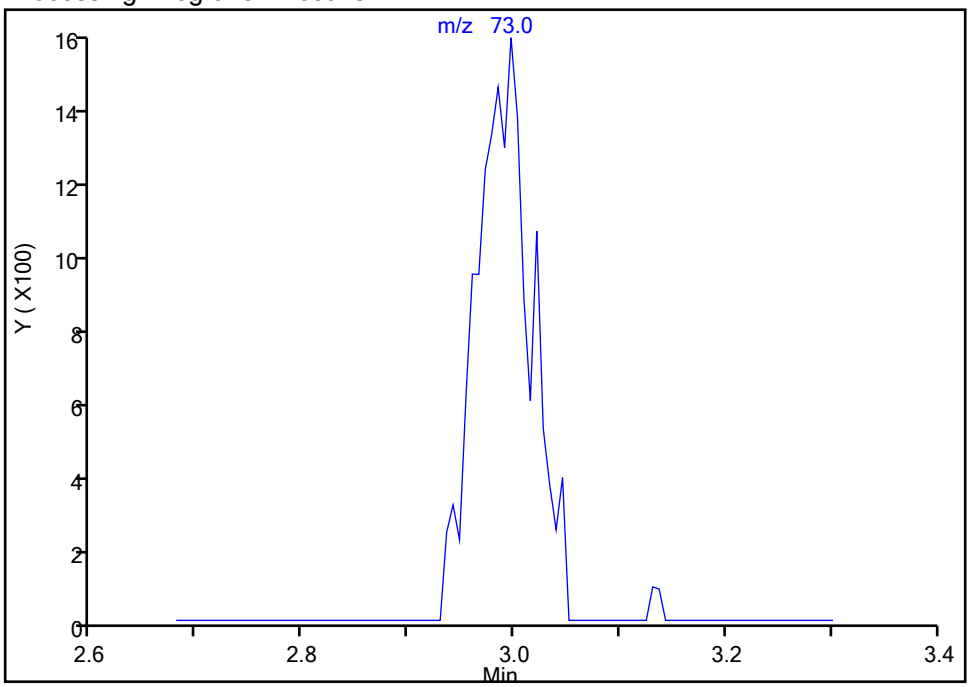
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

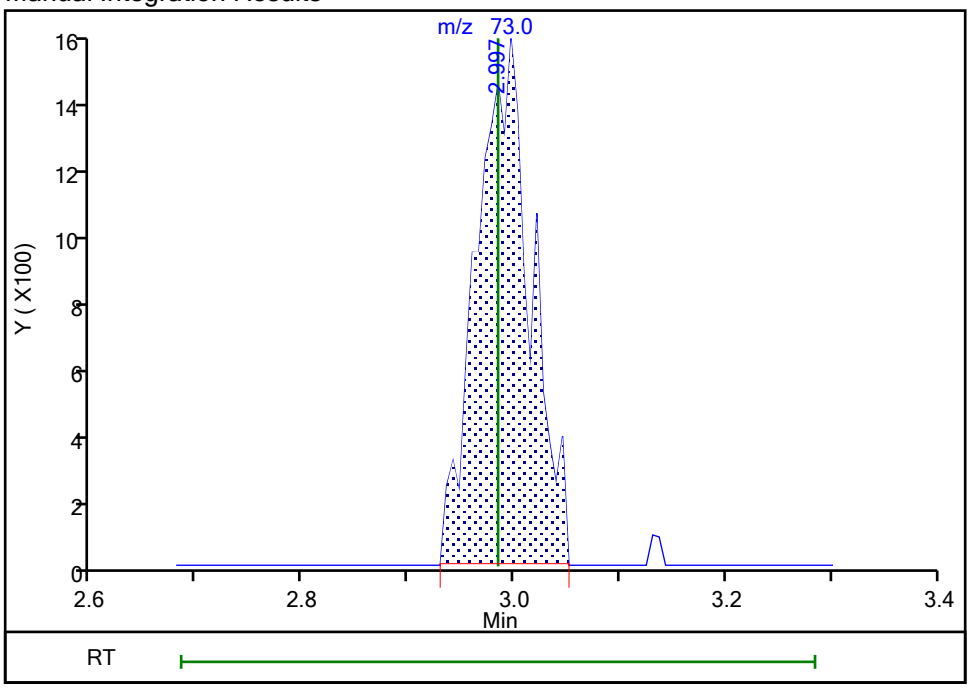
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 3.00
Area: 5738
Amount: 0.512753
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

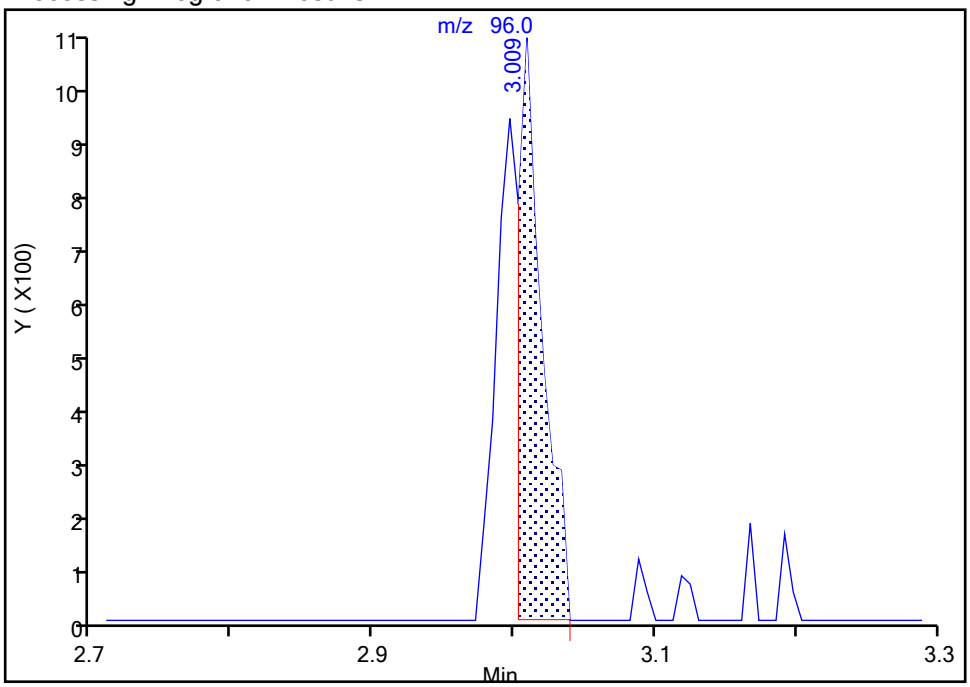
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

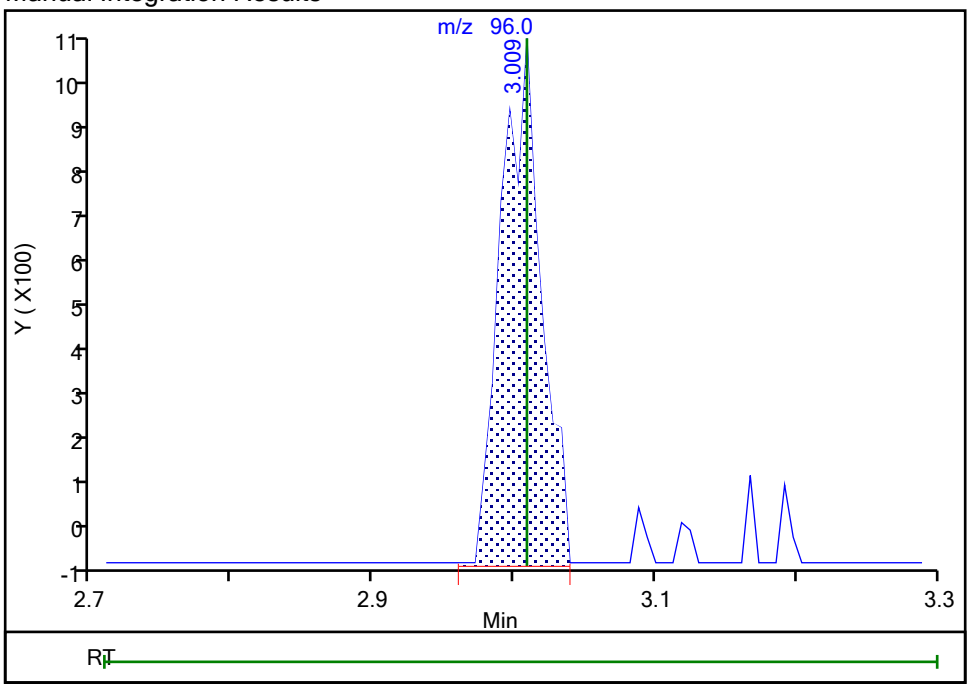
Processing Integration Results

RT: 3.01
Area: 1269
Amount: 0.295935
Amount Units: ug/l



Manual Integration Results

RT: 3.01
Area: 2083
Amount: 0.534093
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

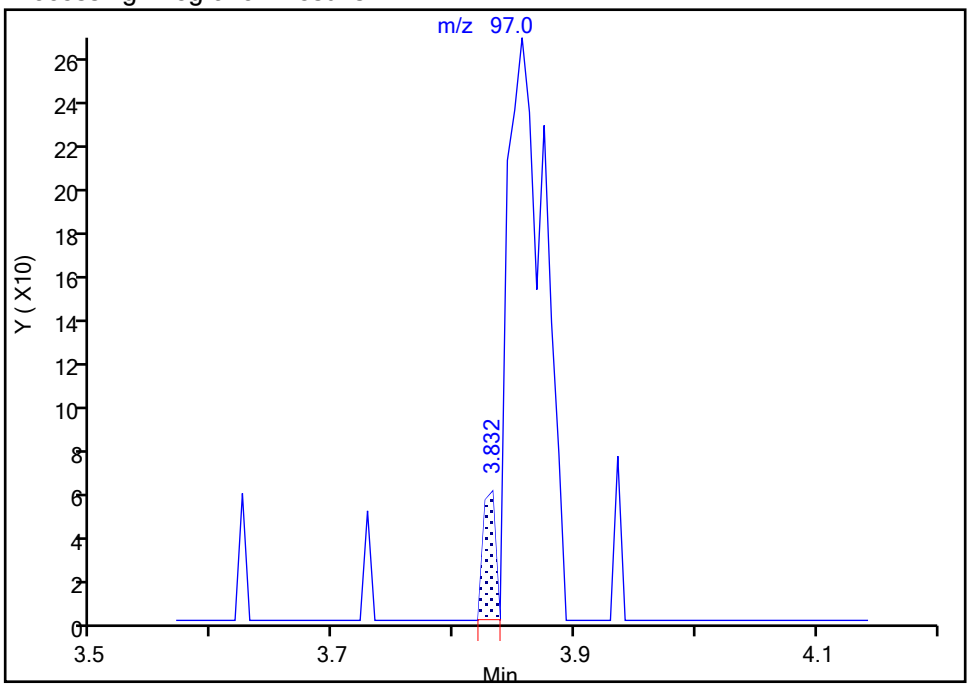
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

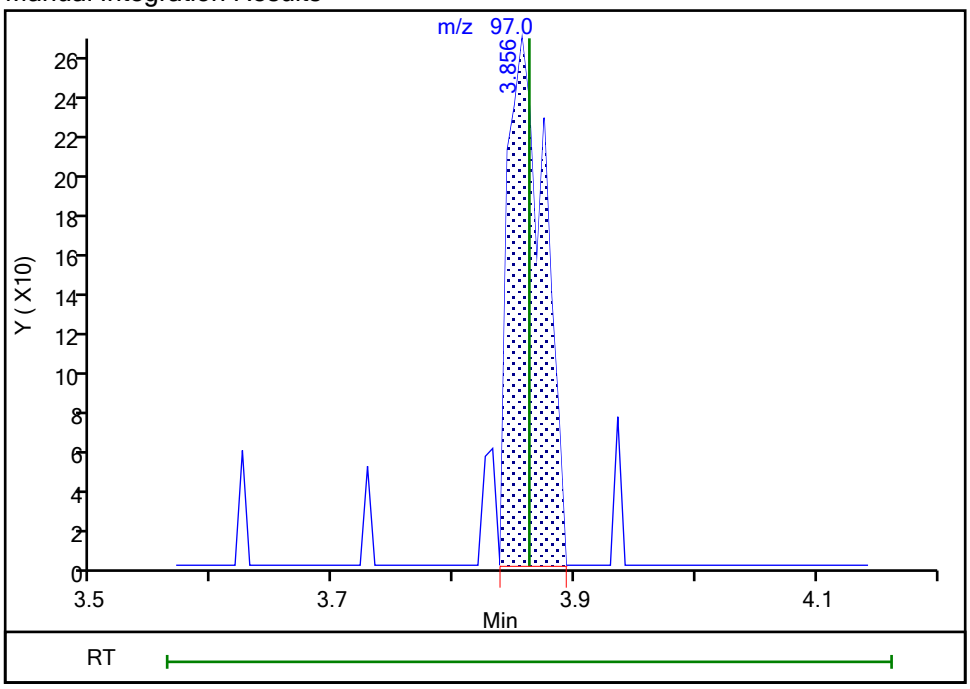
Processing Integration Results

RT: 3.83
Area: 42
Amount: 0.500000
Amount Units: ug/l



Manual Integration Results

RT: 3.86
Area: 560
Amount: 0.504043
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

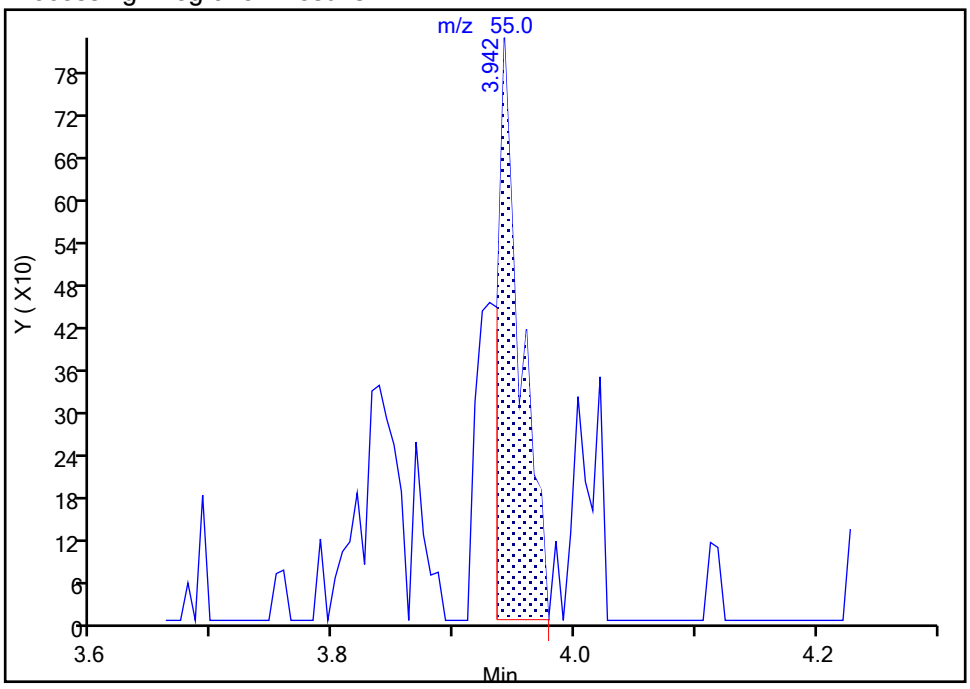
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

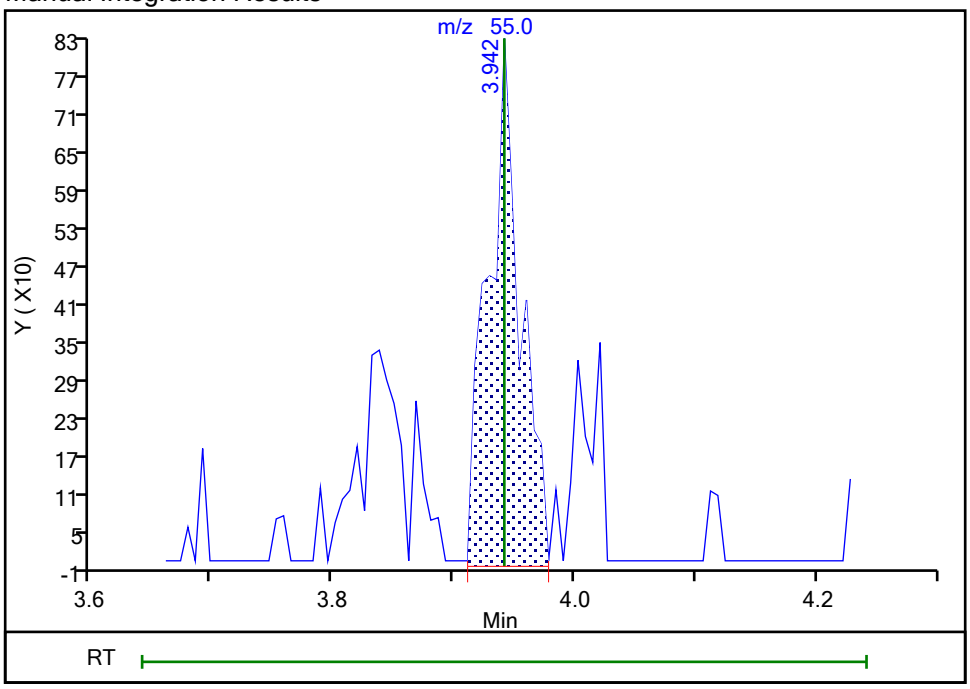
Processing Integration Results

RT: 3.94
Area: 1076
Amount: 0.391390
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 1543
Amount: 0.478318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

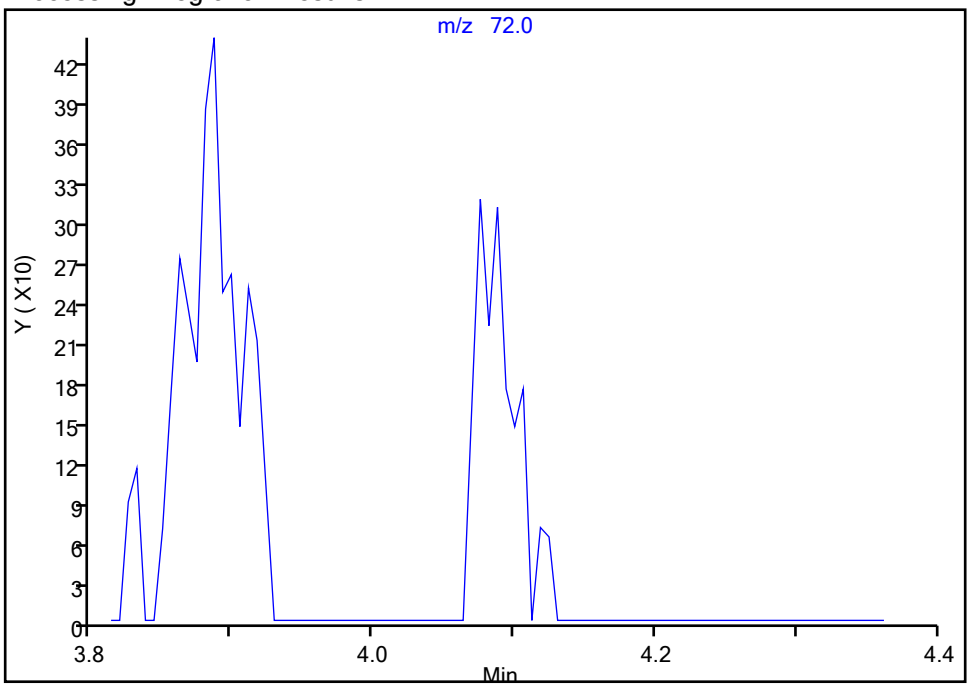
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

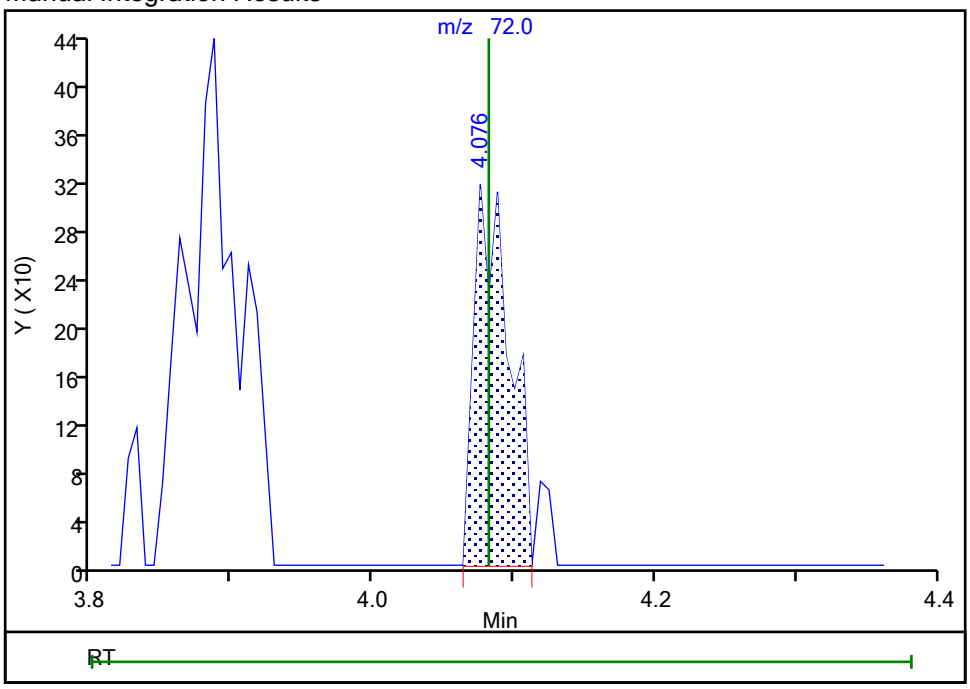
Not Detected
Expected RT: 4.08

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 543
Amount: 1.089094
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

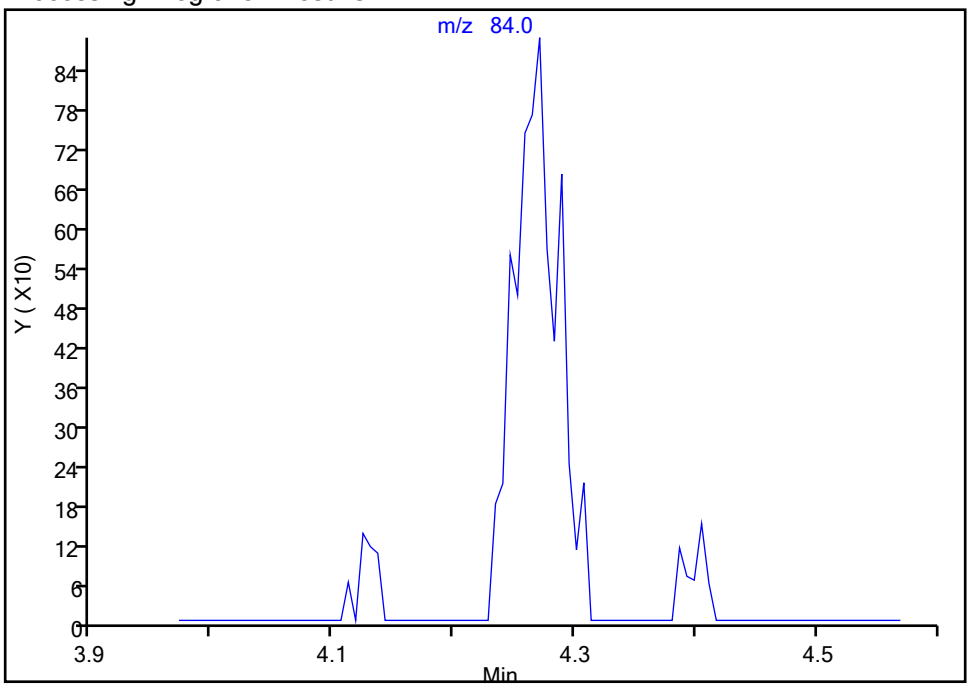
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

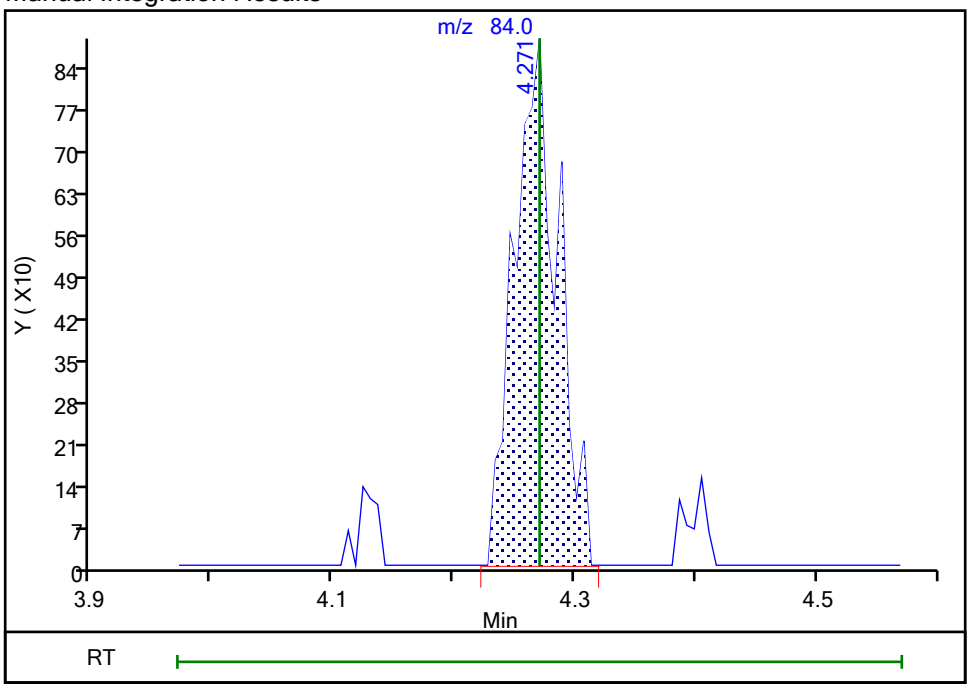
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.27
Area: 2212
Amount: 0.444021
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

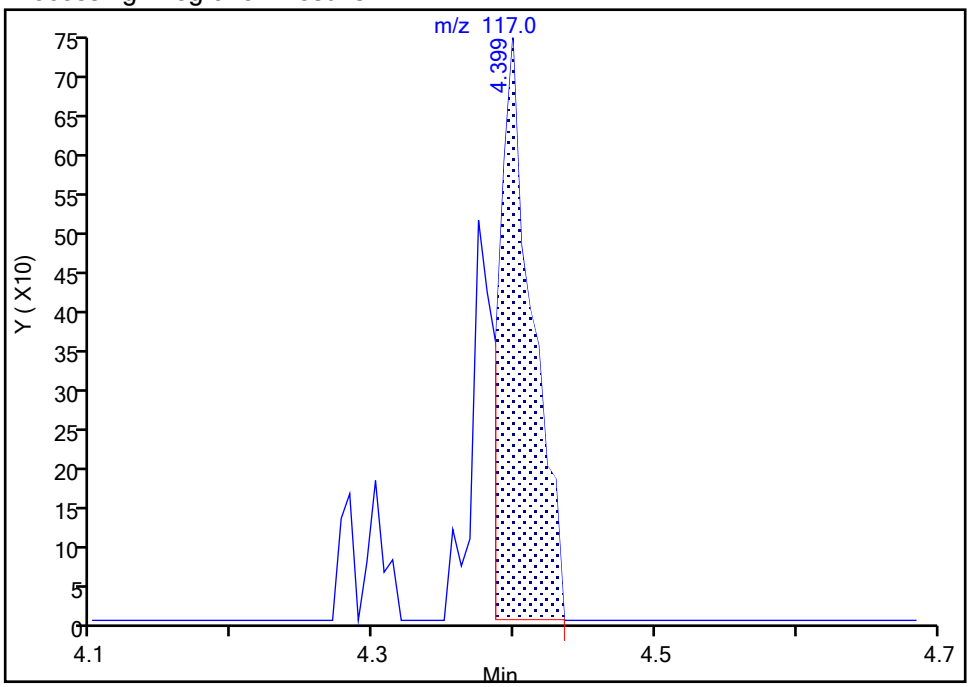
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

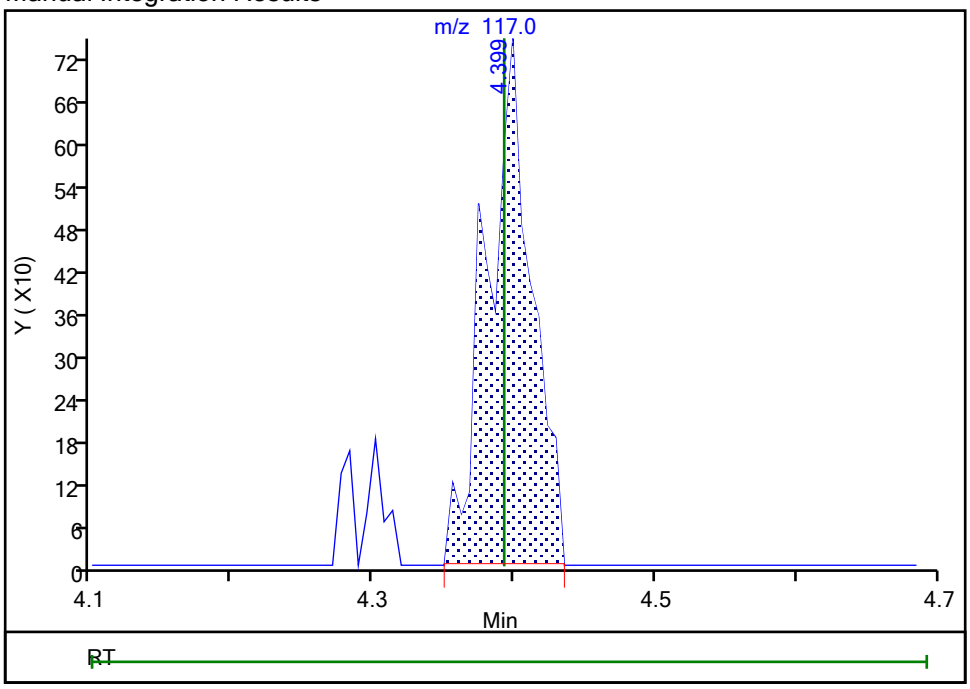
Processing Integration Results

RT: 4.40
Area: 1214
Amount: 0.410149
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 1653
Amount: 0.526950
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

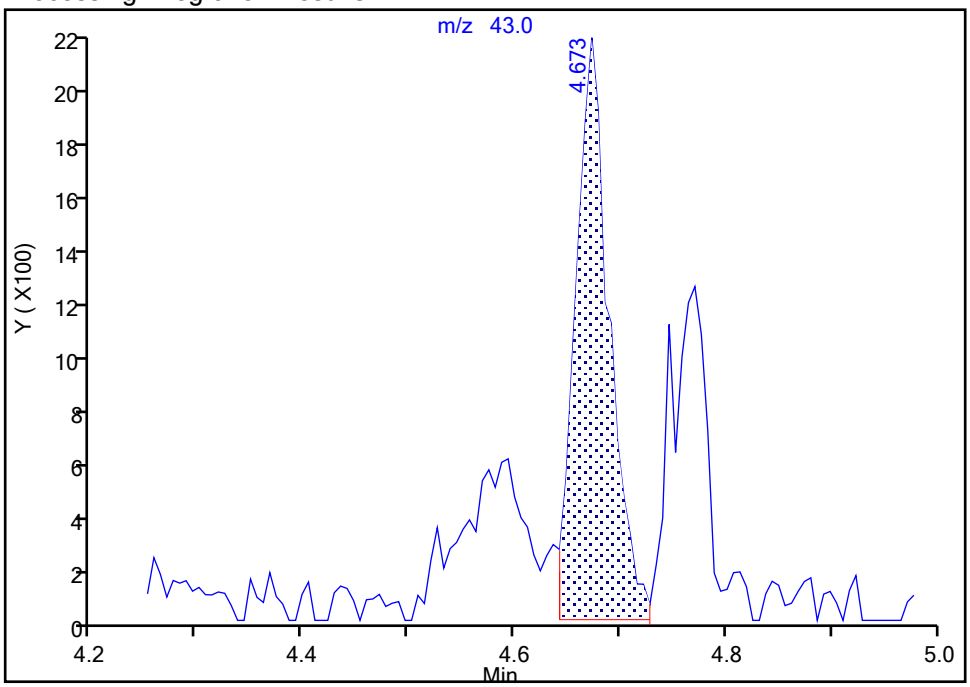
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

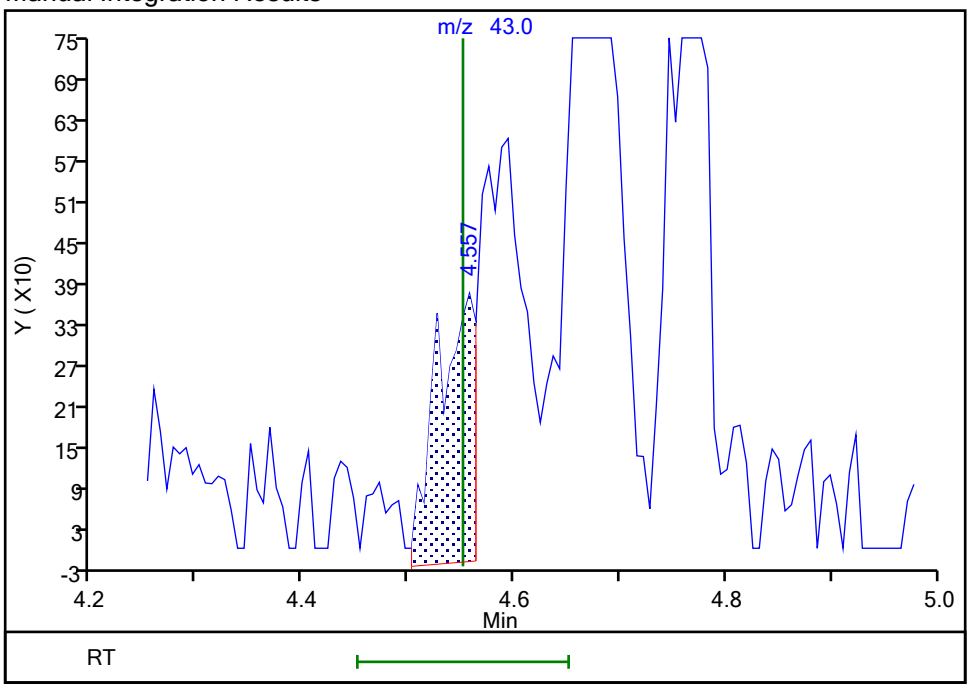
Processing Integration Results

RT: 4.67
Area: 4848
Amount: 30.110501
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 1012
Amount: 11.401889
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:34:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

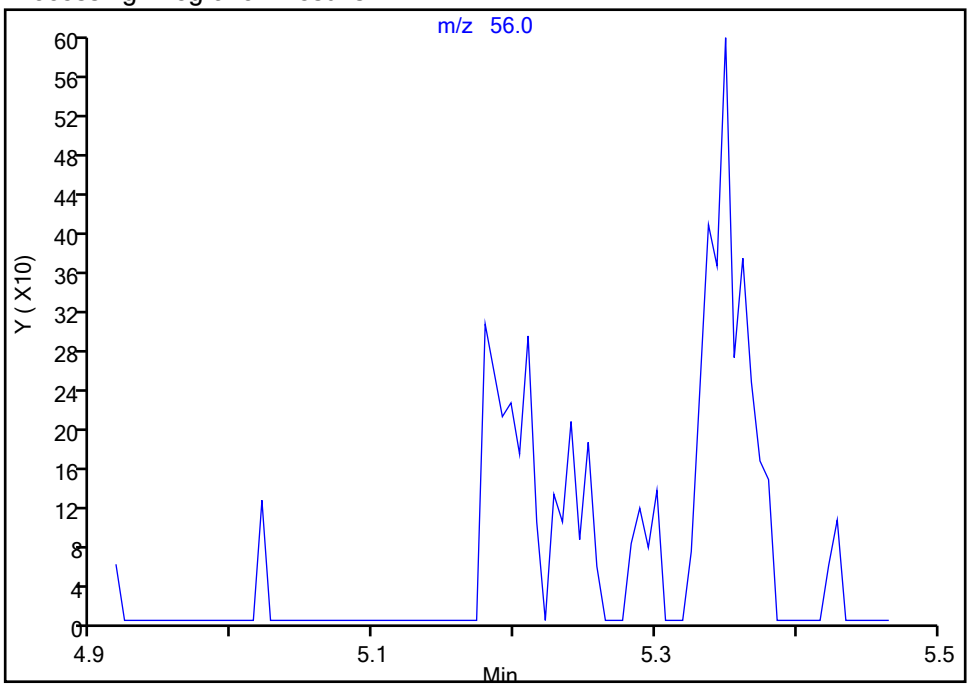
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

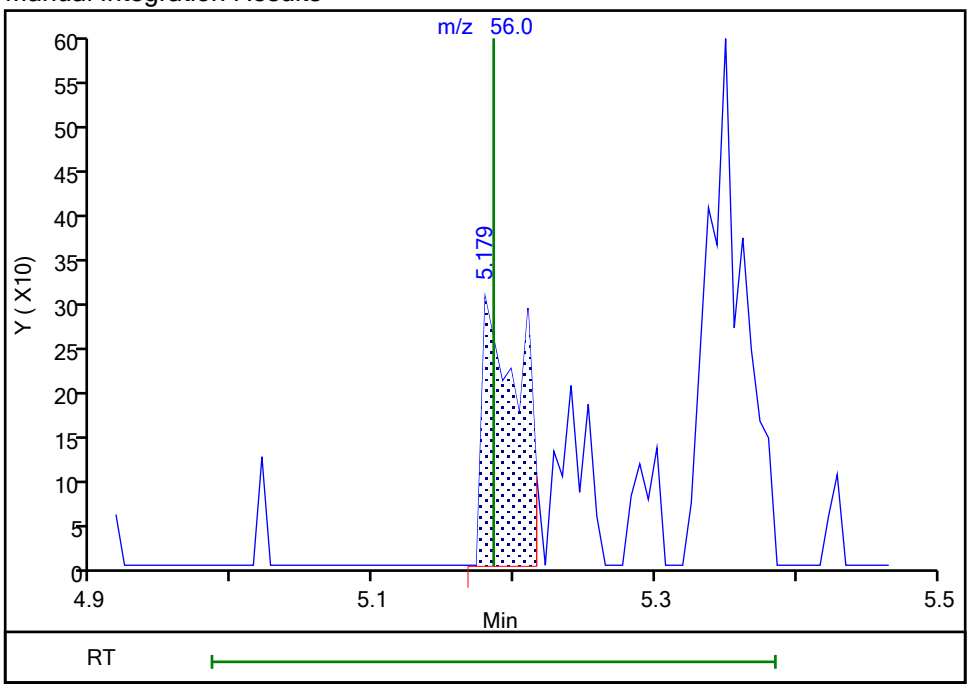
Not Detected
Expected RT: 5.19

Processing Integration Results



Manual Integration Results

RT: 5.18
Area: 564
Amount: 9.496150
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

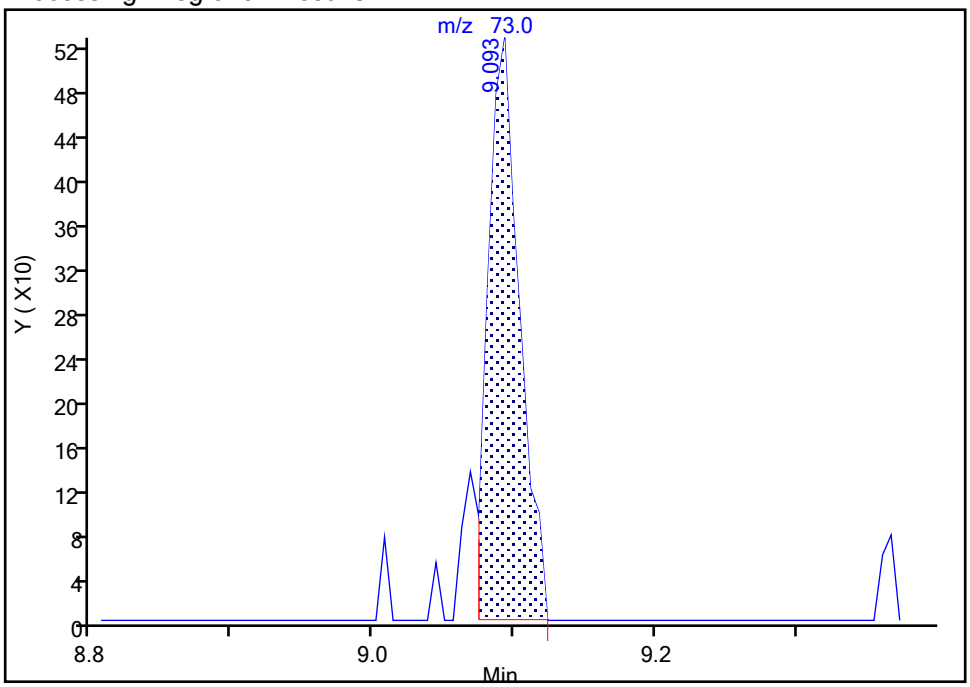
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

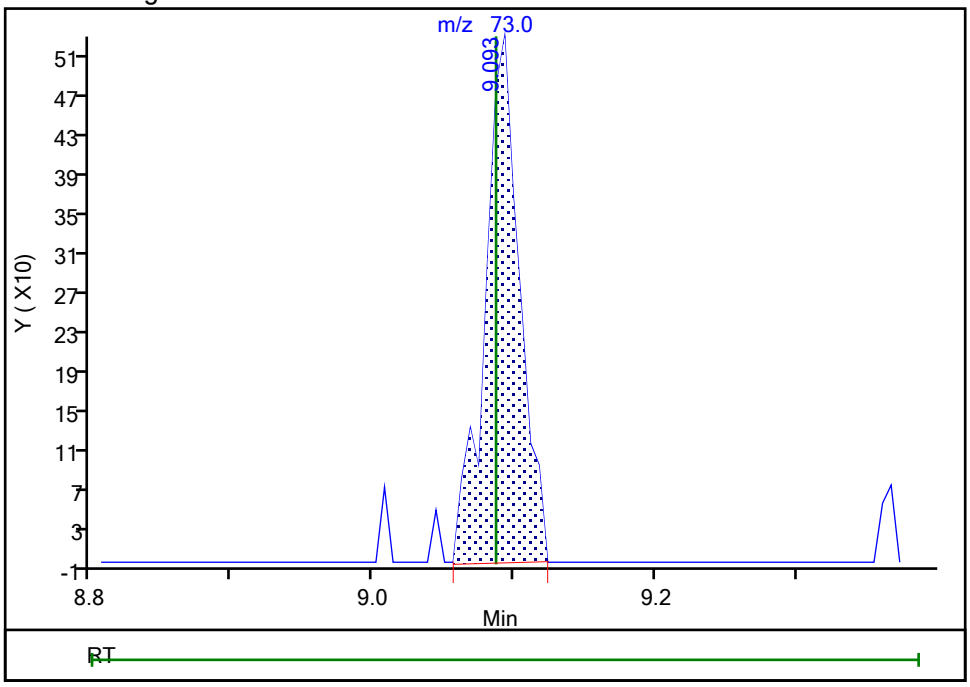
Processing Integration Results

RT: 9.09
Area: 814
Amount: 0.317831
Amount Units: ug/l



Manual Integration Results

RT: 9.09
Area: 893
Amount: 0.421318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

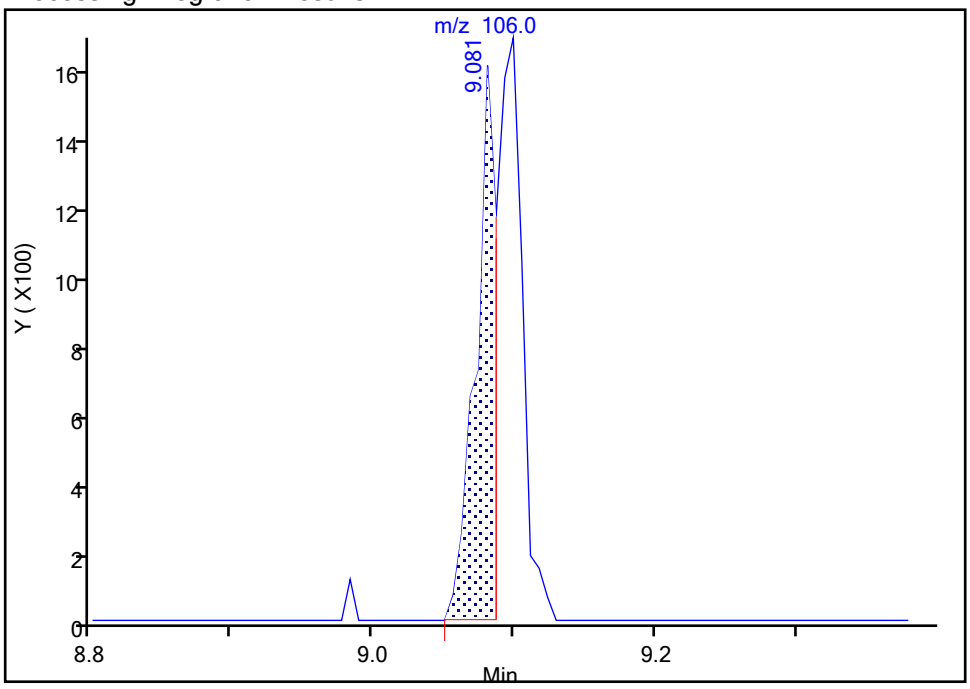
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

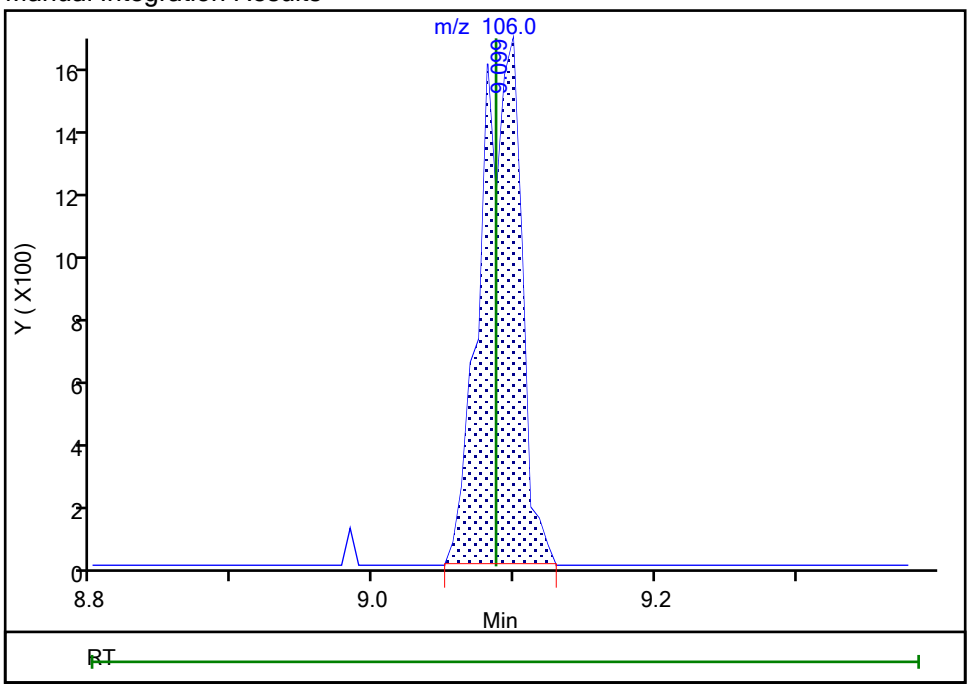
Processing Integration Results

RT: 9.08
Area: 1584
Amount: 0.267411
Amount Units: ug/l



Manual Integration Results

RT: 9.10
Area: 3238
Amount: 0.506956
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

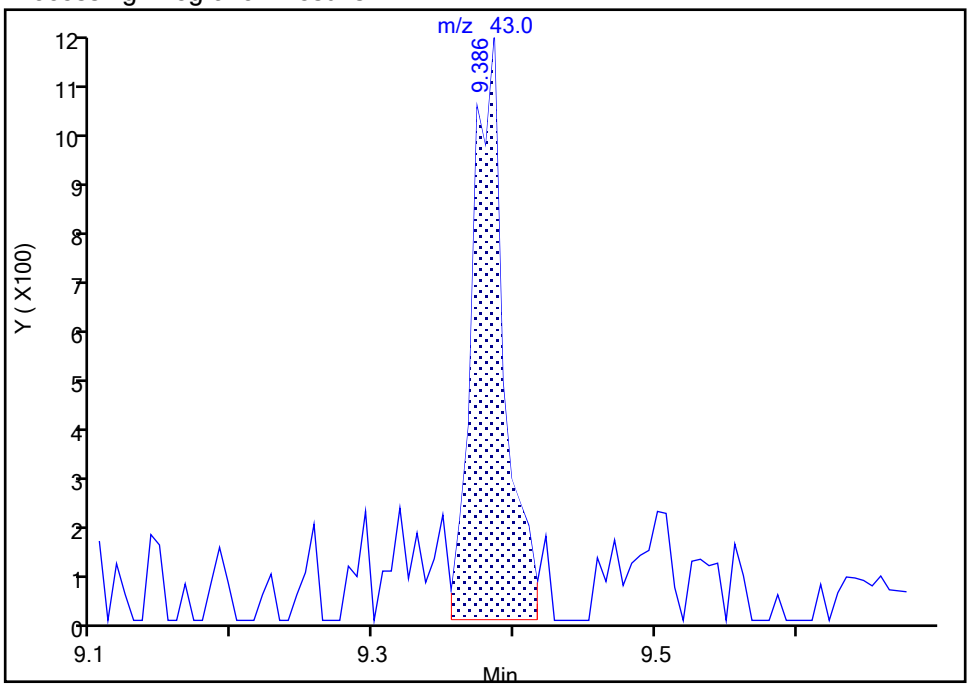
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

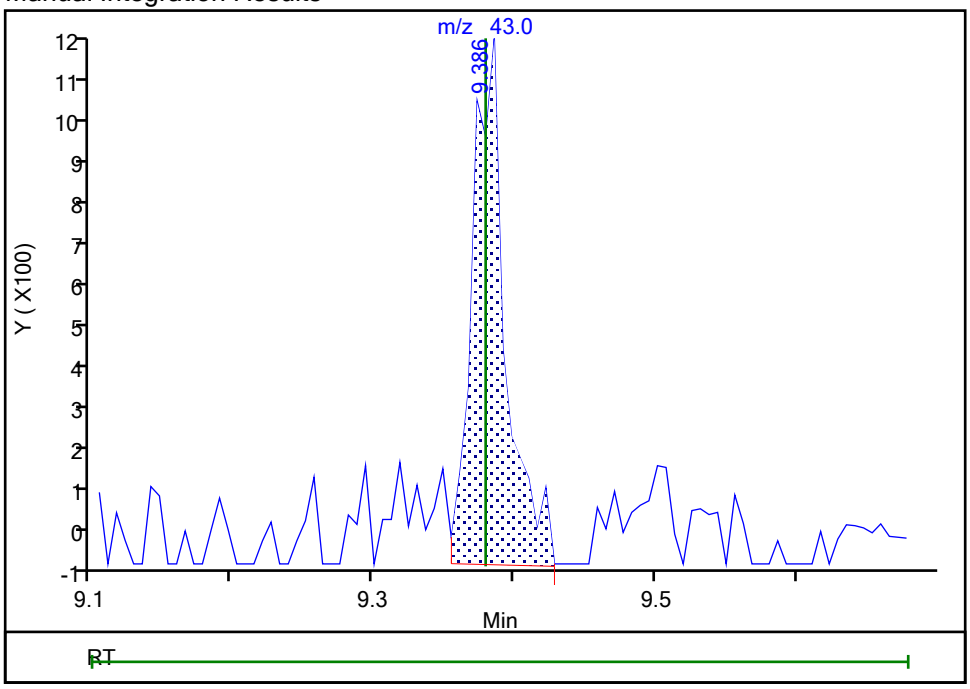
Processing Integration Results

RT: 9.39
Area: 1872
Amount: 0.286040
Amount Units: ug/l



Manual Integration Results

RT: 9.39
Area: 1937
Amount: 0.250808
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

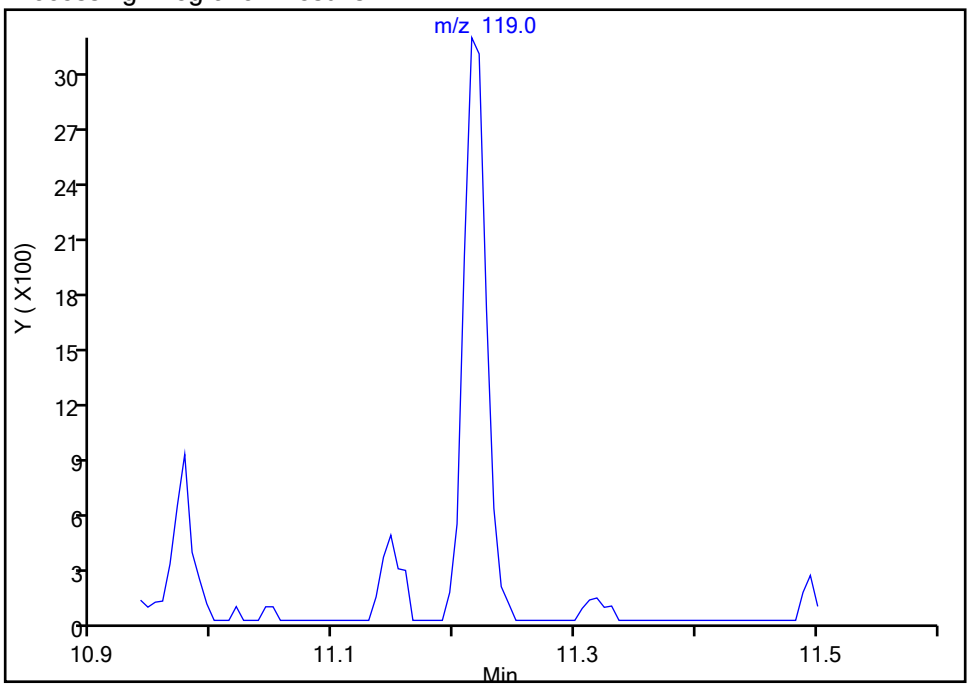
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

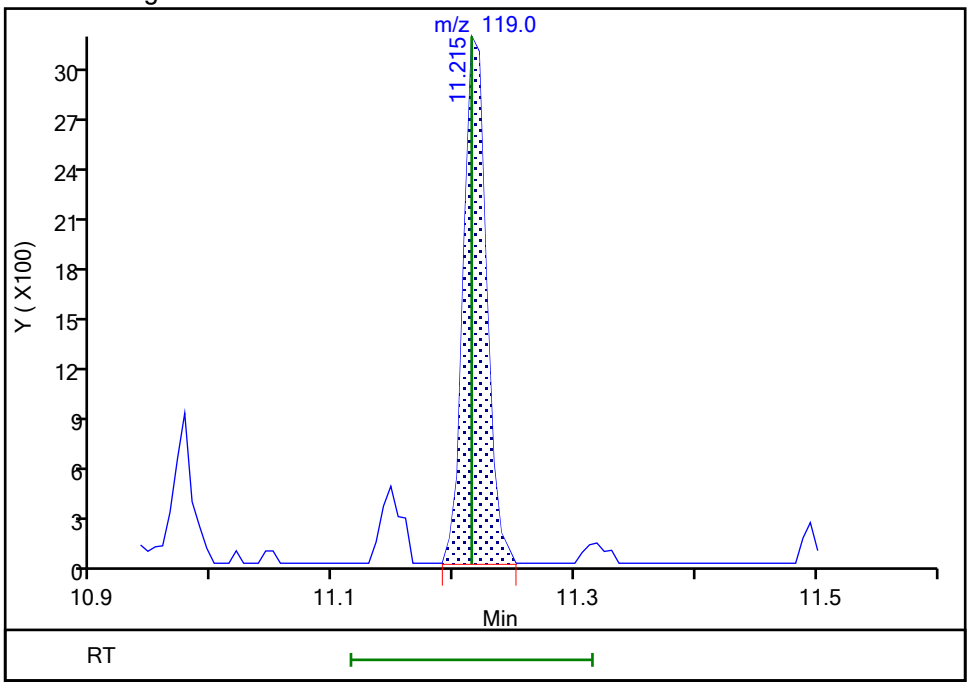
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.21
Area: 4207
Amount: 0.455304
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:50:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Aug-2024 08:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0180260-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:24:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	1	869	1.00	1.26	Ma
2 1,1-Difluoroethane	65	1.320	1.320	0.000	71	2330	1.00	1.25	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	29	4394	1.00	0.99	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	61	1301	1.00	2.45	
6 Chloromethane	50	1.491	1.491	0.000	98	5369	1.00	1.01	
7 Vinyl chloride	62	1.558	1.558	0.000	45	5188	1.00	1.11	
8 Butadiene	54	1.576	1.570	0.006	70	3511	1.00	0.8023	
9 Bromomethane	94	1.808	1.820	-0.012	94	3393	1.00	1.03	M
10 Chloroethane	64	1.875	1.881	-0.006	96	3391	1.00	1.10	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	98	8846	1.00	1.13	M
12 Trichlorofluoromethane	101	2.052	2.052	0.000	53	4636	1.00	0.9837	
13 Pentane	72	2.070	2.070	0.000	97	1088	2.00	1.96	
14 Ethanol	46	2.222	2.234	-0.012	71	145	40.0	-132.6	
15 Ethyl ether	74	2.228	2.234	-0.006	92	4176	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	2.247	2.259	-0.012	84	3384	1.00	1.11	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	49	2794	1.00	0.9407	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	84	5905	1.00	1.13	
19 Acrolein	56	2.393	2.387	0.006	26	2032	4.00	3.21	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	48	3210	1.00	1.12	M
21 1,1-Dichloroethene	96	2.436	2.436	0.000	94	3972	1.00	1.14	
22 Acetone	43	2.503	2.497	0.006	80	5810	5.00	5.07	
23 Iodomethane	142	2.576	2.570	0.006	94	7177	1.00	1.20	M
25 Isopropyl alcohol	45	2.600	2.588	0.012	29	1737	10.0	10.6	Ma
24 Carbon disulfide	76	2.600	2.600	0.000	100	15045	1.00	1.21	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	89	2667	1.00	1.13	
27 Methyl acetate	43	2.728	2.722	0.006	93	6056	2.00	2.07	
28 Cyclopentene	67	2.740	2.734	0.006	92	8150	1.00	1.11	
29 Acetonitrile	41	2.771	2.771	0.000	20	4940	10.0	9.97	Ma
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	40334	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	35	4512	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	28	3179	10.0	12.1	M
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	98	11405	1.00	1.06	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	4594	1.00	1.23	
35 Acrylonitrile	53	3.076	3.070	0.006	94	15505	10.0	10.7	
36 Hexane	57	3.155	3.155	0.000	92	4712	1.00	1.20	
37 Isopropyl ether	45	3.362	3.356	0.006	90	14858	1.00	1.15	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	98	7790	1.00	1.12	
39 Vinyl acetate	86	3.393	3.393	0.000	99	888	2.00	1.62	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	3649	1.00	1.16	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	12345	1.00	1.07	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	398180	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.862	-0.012	51	1071	1.00	1.00	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	98	4745	1.00	1.12	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	95	2506	5.00	5.99	
46 Ethyl acetate	70	3.911	3.887	0.024	91	939	2.00	2.56	a
47 Methyl acrylate	55	3.941	3.941	0.000	71	2978	1.00	0.9620	
48 Propionitrile	54	4.009	4.009	-0.001	98	5490	10.0	11.9	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	1289	2.00	2.57	
49 Chlorobromomethane	128	4.094	4.088	0.006	92	2359	1.00	1.14	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	16180	10.0	11.1	
52 Chloroform	83	4.143	4.143	0.000	97	6906	1.00	1.12	
53 Cyclohexane	84	4.271	4.271	0.000	31	5690	1.00	1.19	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	35	5153	1.00	1.13	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	181380	50.0	50.9	
56 Carbon tetrachloride	117	4.393	4.393	0.000	87	3168	1.00	1.05	M
57 1,1-Dichloropropene	75	4.423	4.423	0.000	91	5590	1.00	1.19	
58 Isobutyl alcohol	43	4.551	4.551	0.000	61	1897	25.0	21.6	a
59 Isooctane	57	4.582	4.582	0.000	93	12442	1.00	1.13	
60 Benzene	78	4.606	4.612	-0.006	94	16573	1.00	1.09	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209991	50.0	49.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	84	12811	1.00	1.10	
63 Isopropyl acetate	61	4.685	4.673	0.012	83	2077	1.00	1.08	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	93	5332	1.00	1.11	
65 n-Heptane	100	4.764	4.771	-0.007	95	912	1.00	1.40	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	736870	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	55	1331	25.0	22.7	a
68 Trichloroethene	95	5.234	5.228	0.006	94	3835	1.00	1.10	
69 Methylcyclohexane	83	5.356	5.356	0.000	84	6312	1.00	1.16	
70 Ethyl acrylate	99	5.362	5.356	0.006	93	572	1.00	0.9874	M
71 1,2-Dichloropropane	63	5.508	5.508	0.000	83	4091	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	31704	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	87	1554	2.00	1.89	
75 1,4-Dioxane	88	5.624	5.618	0.006	29	1575	50.0	45.7	a
74 Dibromomethane	93	5.630	5.630	0.000	90	2380	1.00	1.06	
76 n-Propyl acetate	43	5.648	5.648	0.000	90	5533	1.00	1.09	
77 Dichlorobromomethane	83	5.783	5.783	0.000	97	4020	1.00	0.99	
78 2-Nitropropane	41	6.112	6.112	0.000	68	1552	2.00	3.33	M
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	78	2389	1.00	0.9851	
80 Epichlorohydrin	57	6.228	6.222	0.006	99	7074	20.0	20.9	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	93	5680	1.00	1.02	M
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	98	7382	5.00	5.29	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	704212	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	94	19692	1.00	1.20	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	96	4654	1.00	1.00	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	89	3243	1.00	0.6650	
87 1,1,2-Trichloroethane	83	7.154	7.142	0.012	91	3041	1.00	1.13	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	3865	1.00	1.13	
89 1,3-Dichloropropane	76	7.343	7.349	-0.006	92	6115	1.00	1.13	
90 2-Hexanone	43	7.422	7.423	0.000	97	12214	5.00	5.49	
91 n-Butyl acetate	43	7.544	7.544	0.000	96	4509	1.00	0.9155	
92 Chlorodibromomethane	129	7.581	7.575	0.006	92	2181	1.00	0.8514	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	2975	1.00	0.9856	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	522214	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	96	11076	1.00	1.16	
96 Ethylbenzene	106	8.410	8.410	0.000	98	5799	1.00	1.13	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	87	2815	1.00	1.01	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	7106	1.00	1.15	
99 o-Xylene	106	9.087	9.087	0.000	94	6687	1.00	1.06	
100 n-Butyl acrylate	73	9.087	9.087	0.000	52	1919	1.00	0.9187	
101 Styrene	104	9.129	9.123	0.006	97	9961	1.00	1.00	
102 Bromoform	173	9.361	9.367	-0.006	59	1080	1.00	0.9298	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	90	4819	1.00	0.6275	
104 Isopropylbenzene	105	9.538	9.532	0.006	95	15739	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	221049	50.0	50.3	
106 Bromobenzene	156	9.904	9.898	0.006	96	4078	1.00	0.9730	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	93	4012	1.00	0.99	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	21227	1.00	1.12	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	1129	1.00	0.9777	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.044	-0.006	26	849	1.00	0.9074	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	14409	1.00	1.08	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	16837	1.00	1.06	
113 1,3,5-Trimethylbenzene	105	10.202	10.196	0.006	92	14153	1.00	1.07	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	13067	1.00	1.02	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	93	2244	1.00	0.4403	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	11311	1.00	1.02	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	14259	1.00	1.04	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	98	18295	1.00	1.09	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	98	8524	1.00	1.04	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	15319	1.00	1.07	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	294482	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	86	8465	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	15778	1.00	1.06	
124 Benzyl chloride	91	11.086	11.086	0.000	96	4897	1.00	0.8487	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	15163	1.00	1.07	
126 p-Diethylbenzene	119	11.221	11.214	0.007	90	9256	1.00	1.01	a
127 n-Butylbenzene	92	11.245	11.239	0.006	96	8177	1.00	1.04	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	97	8807	1.00	1.09	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	14702	1.00	1.02	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	14	476	1.00	0.8385	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	92	6785	1.00	0.9884	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	92	7291	1.00	1.19	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	94	3796	1.00	1.20	
134 Naphthalene	128	12.775	12.775	0.000	99	15492	1.00	1.08	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	6761	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 137 Xylenes, Total	100				0		2.00	2.21	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.02	
S 140 Total BTEX	1				0		5.00	5.63	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
14DIOXINTER_00172	Amount Added:	30.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:21 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D

Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17

Lims ID: STD1

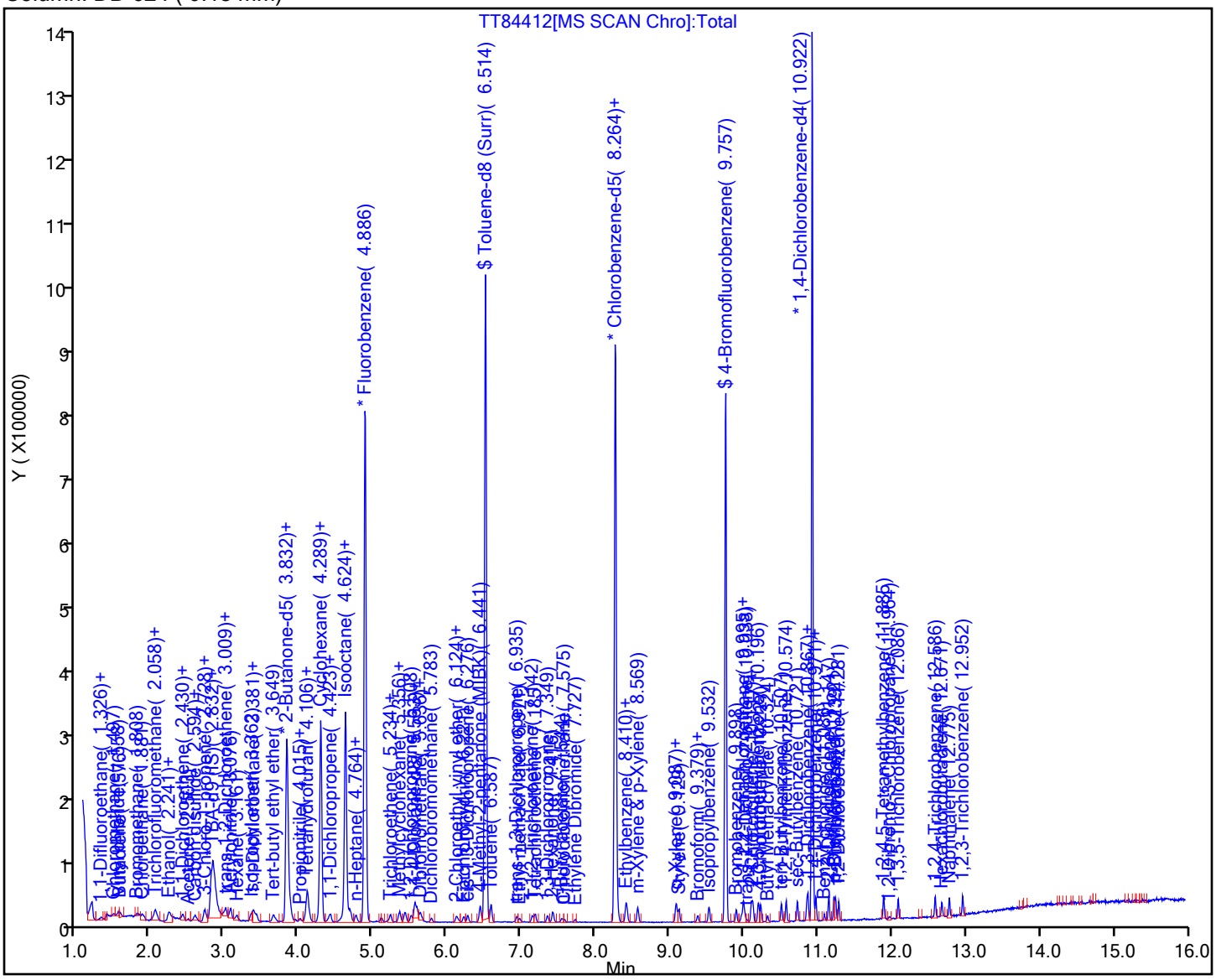
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

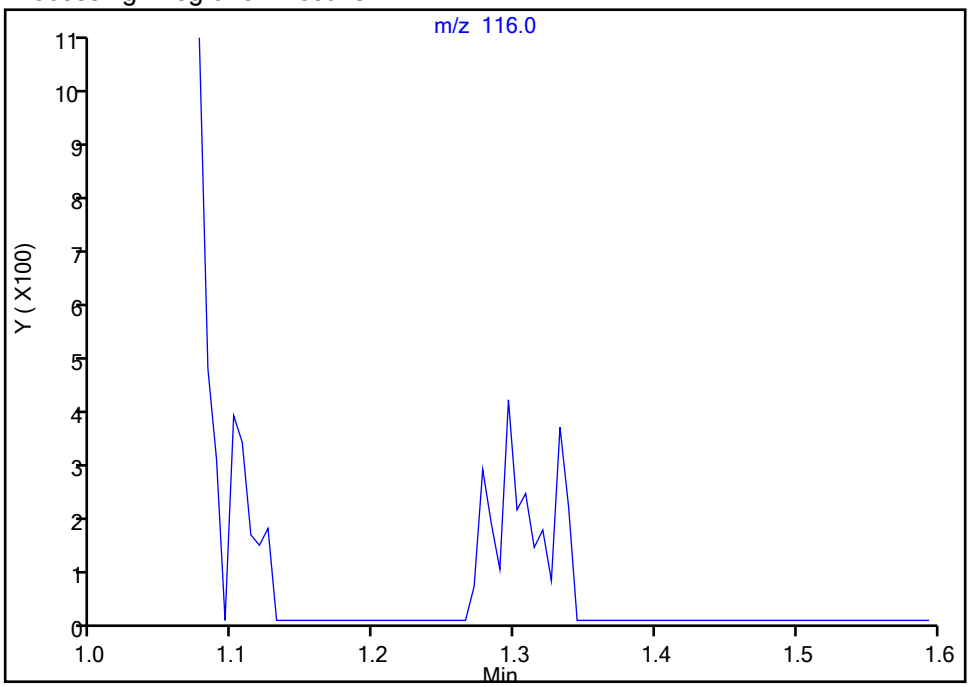
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

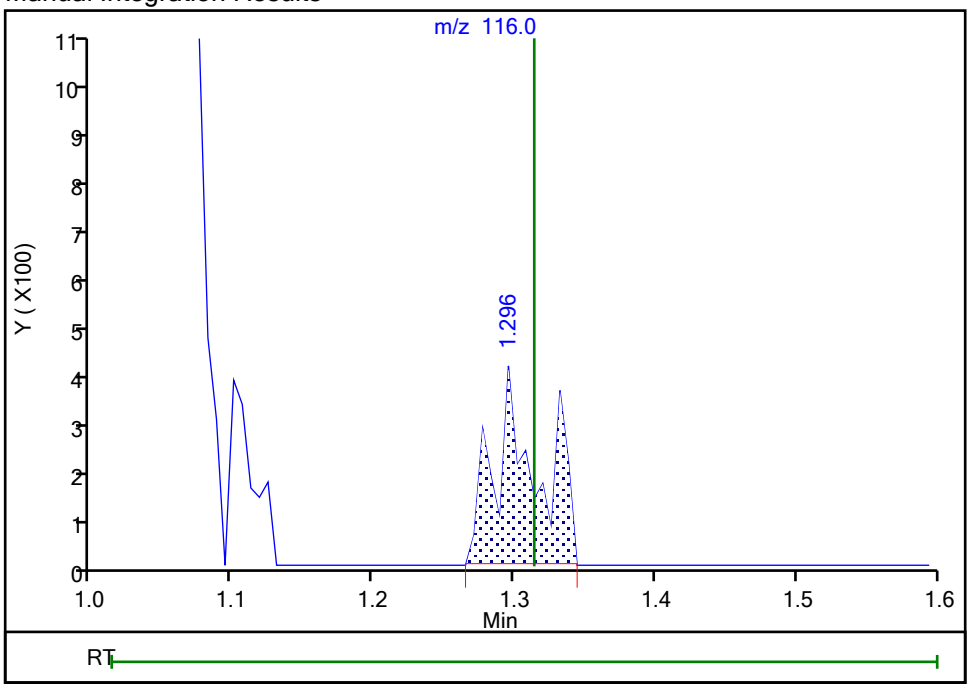
Not Detected
Expected RT: 1.31

Processing Integration Results



Manual Integration Results

RT: 1.30
Area: 869
Amount: 1.258878
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:05:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

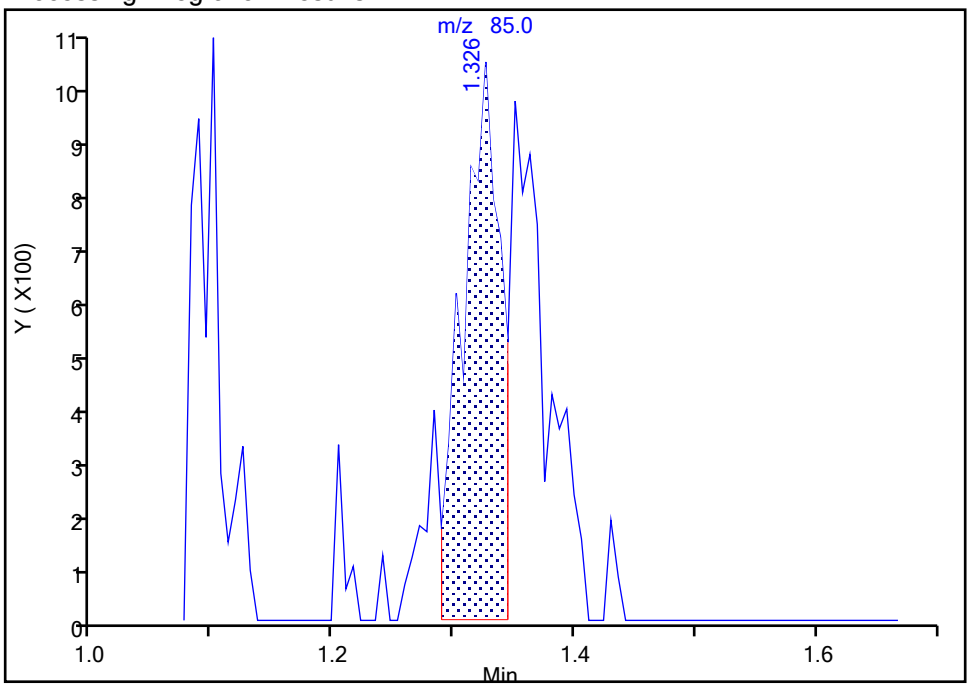
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

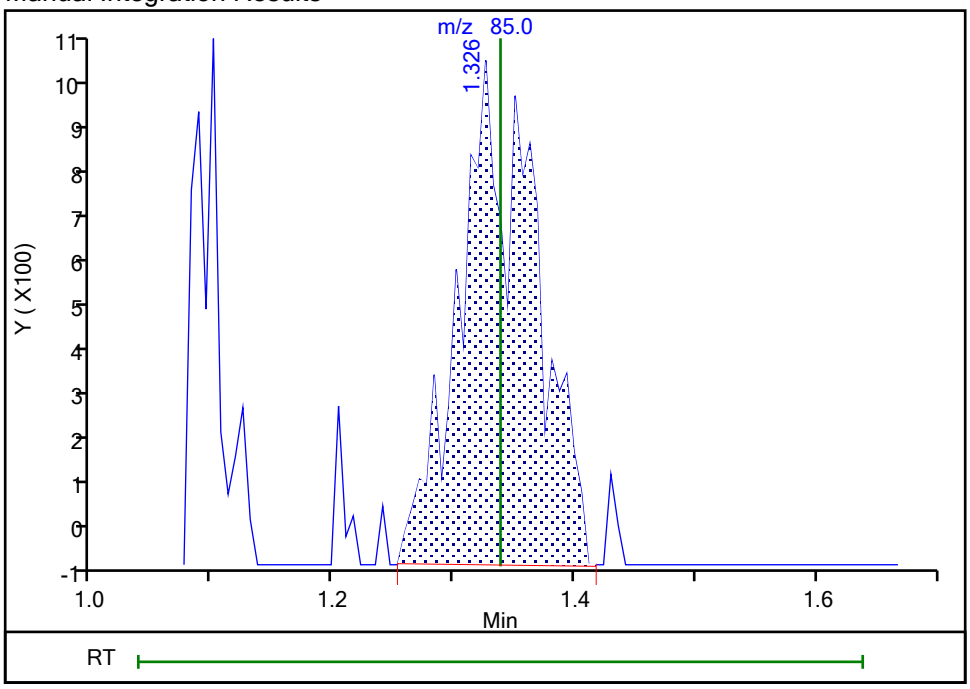
Processing Integration Results

RT: 1.33
Area: 2233
Amount: 1.060264
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 4394
Amount: 0.991763
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:41:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

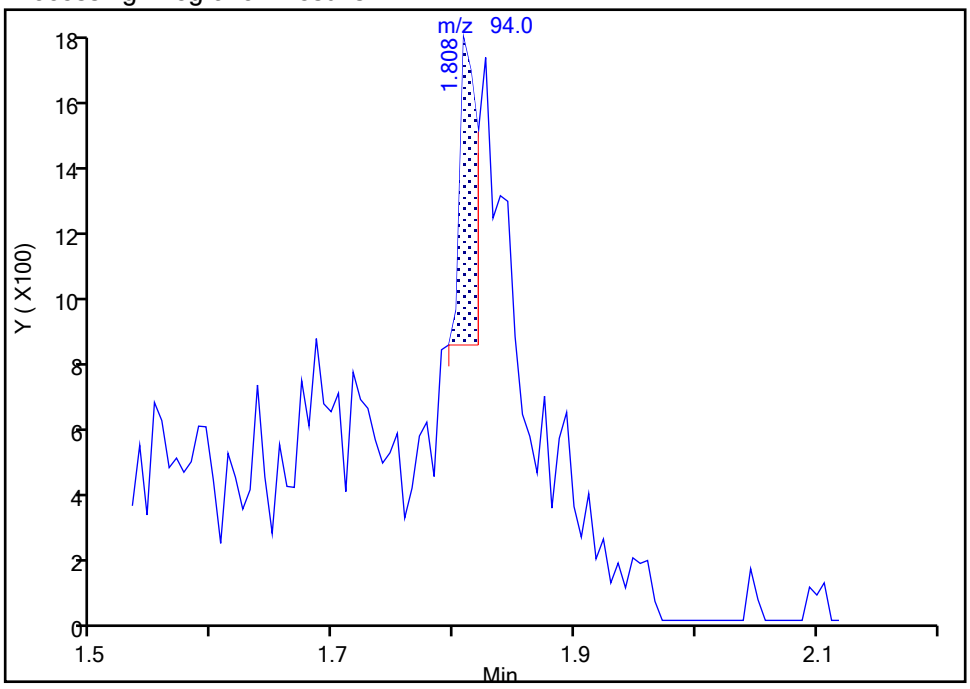
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

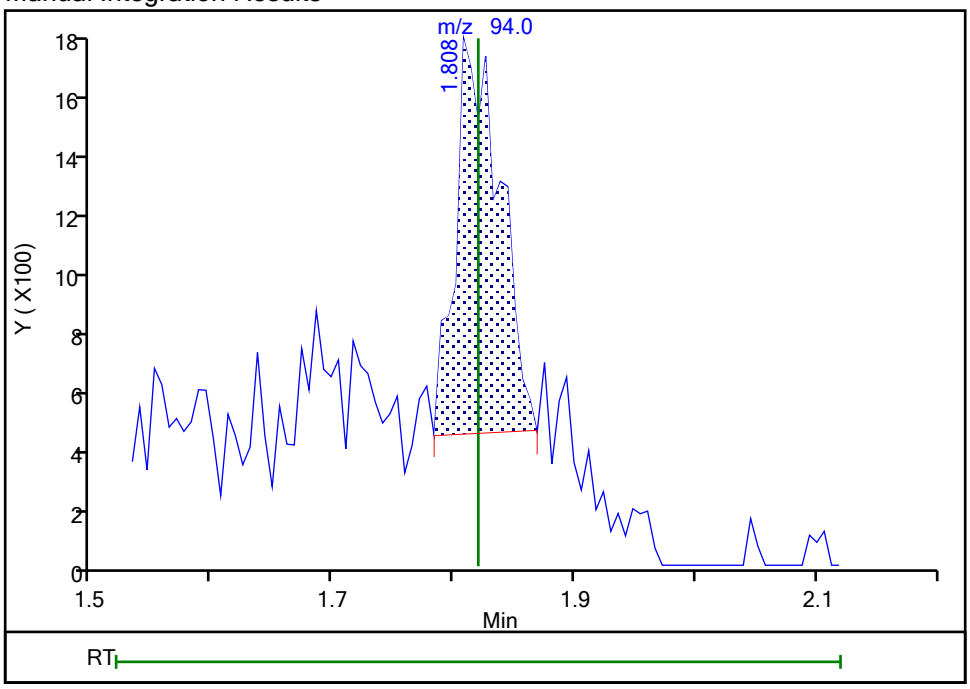
Processing Integration Results

RT: 1.81
Area: 921
Amount: 0.854896
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 3393
Amount: 1.031925
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

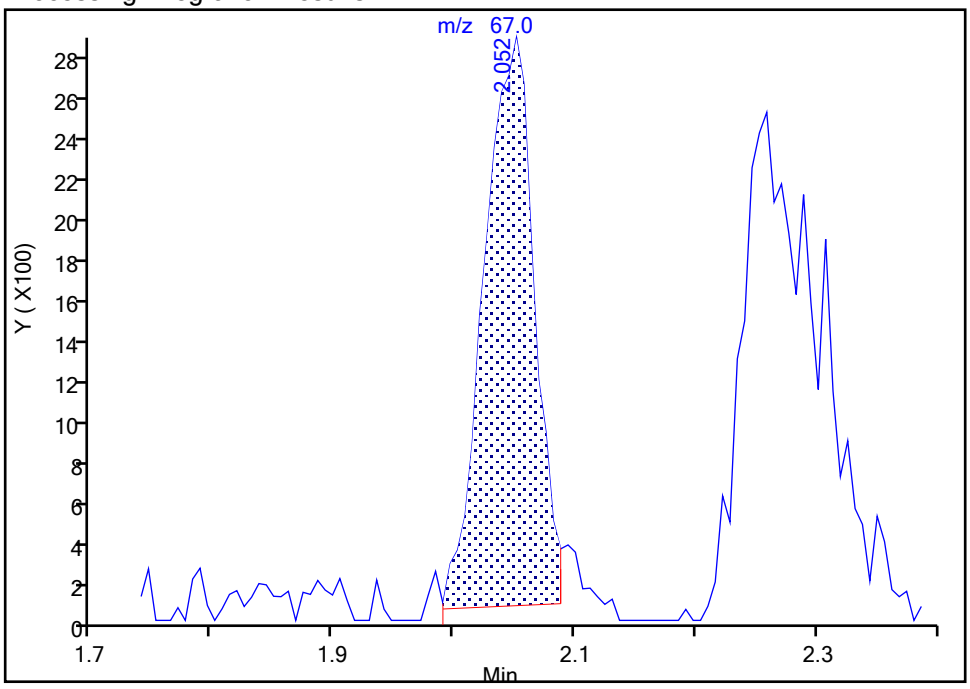
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

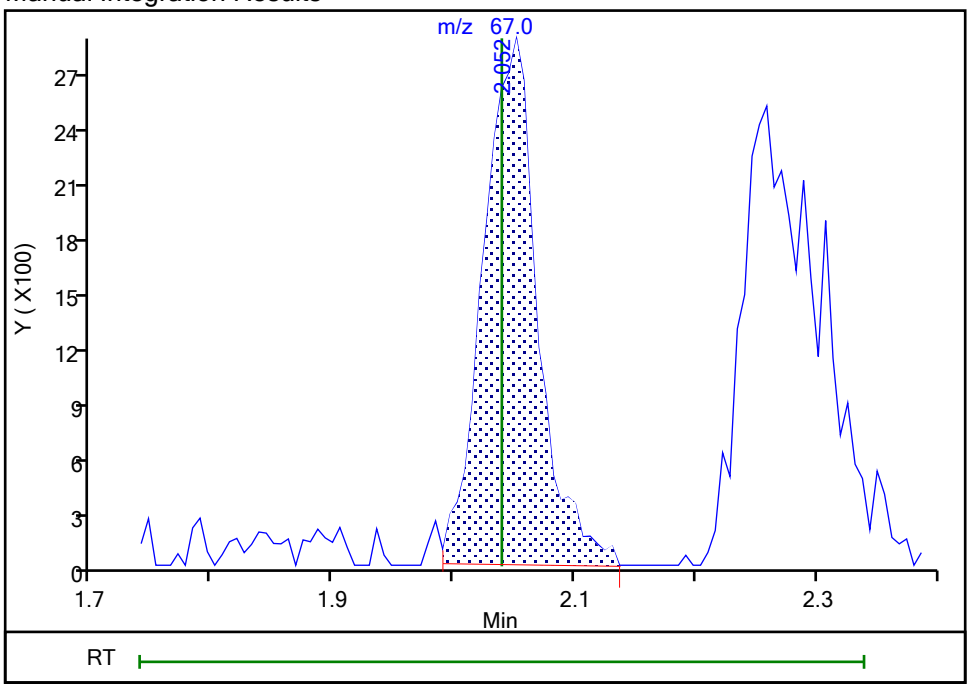
Processing Integration Results

RT: 2.05
Area: 7960
Amount: 0.980963
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 8846
Amount: 1.128337
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

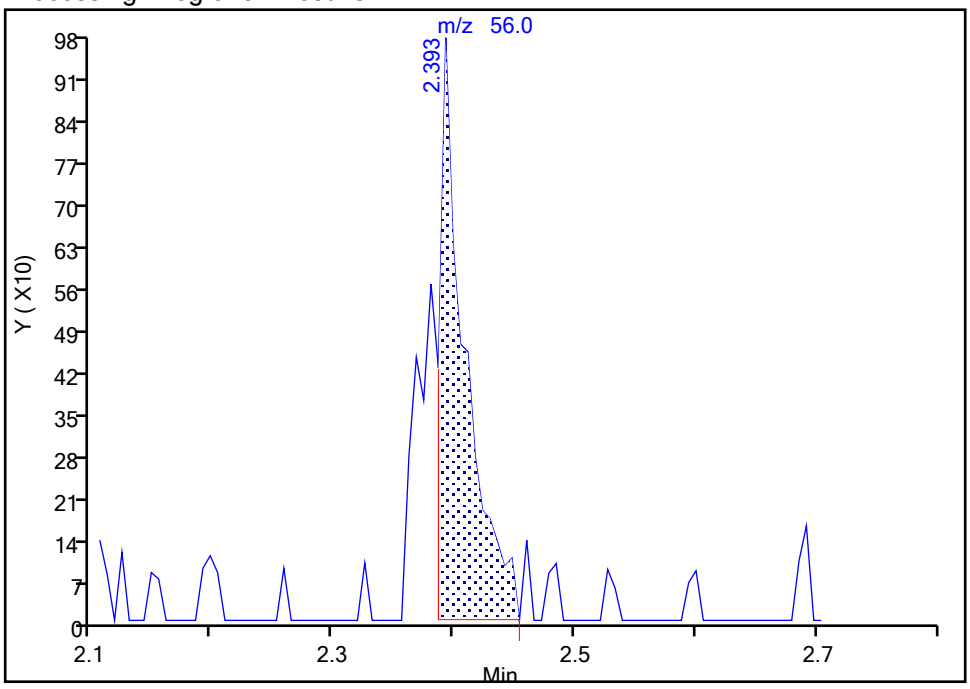
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

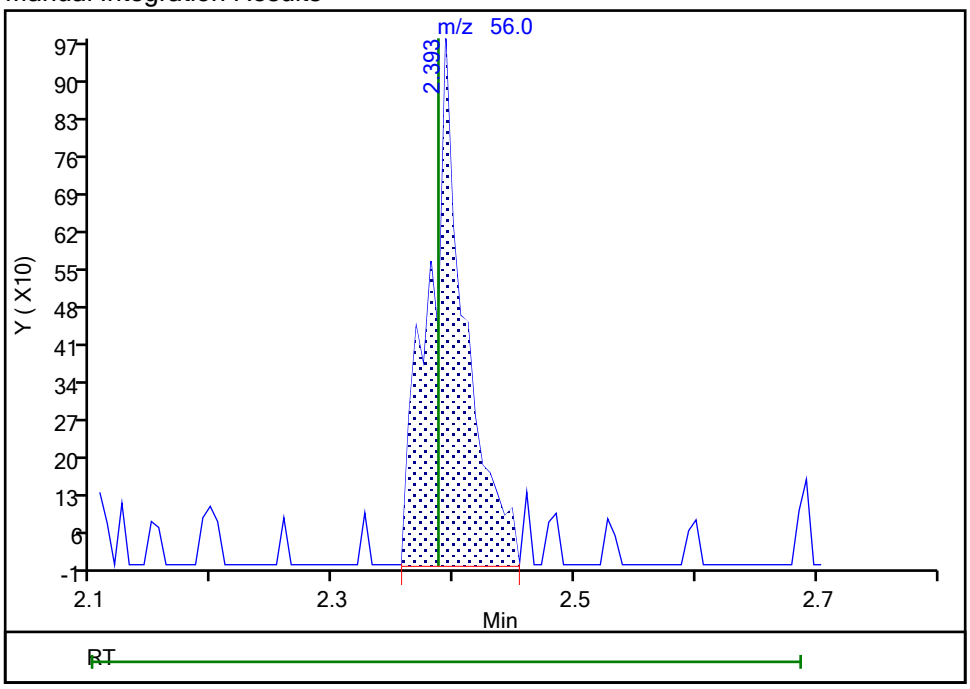
Processing Integration Results

RT: 2.39
Area: 1423
Amount: 3.823045
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 2032
Amount: 3.208463
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

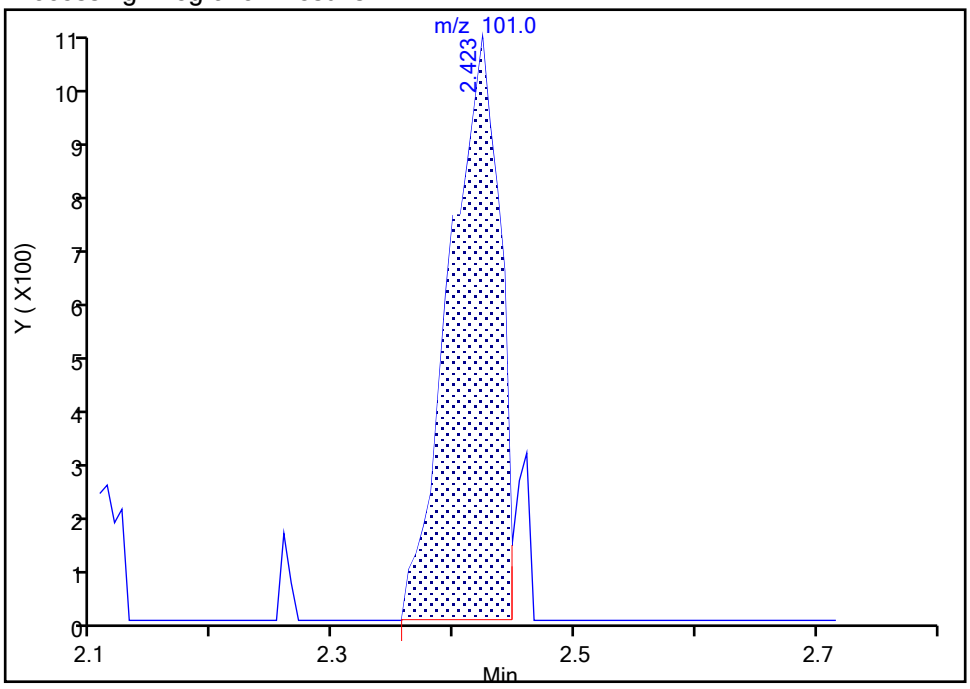
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

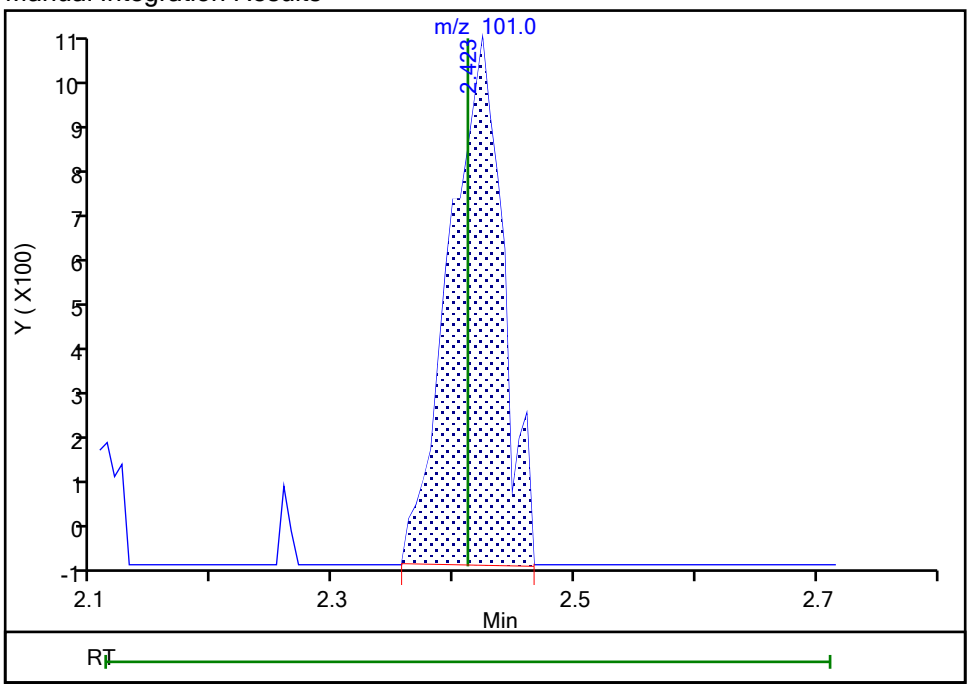
Processing Integration Results

RT: 2.42
Area: 3013
Amount: 1.101459
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 3210
Amount: 1.122642
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

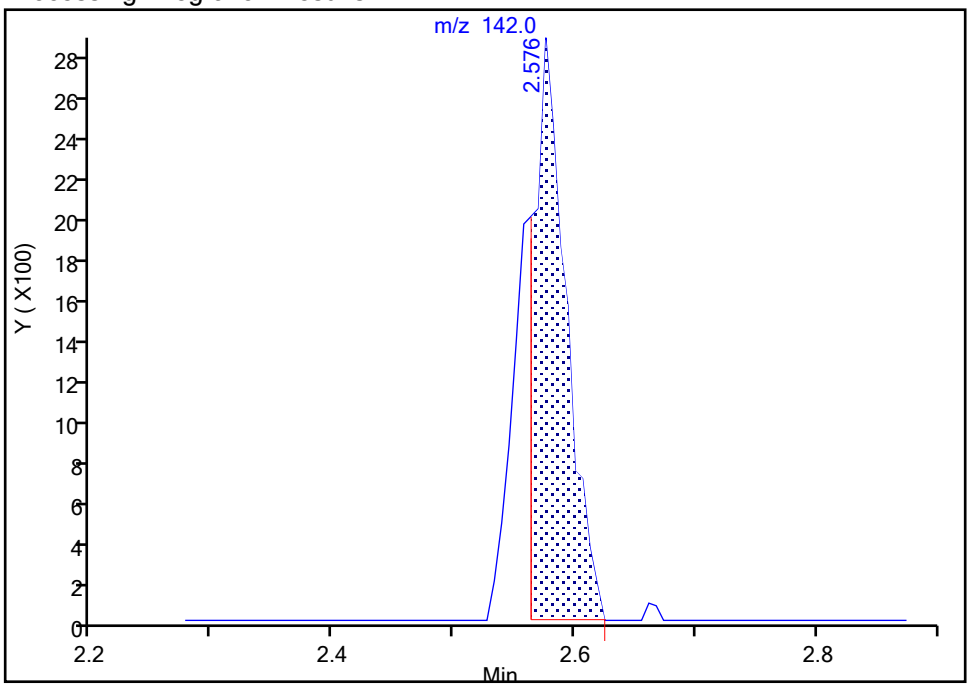
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

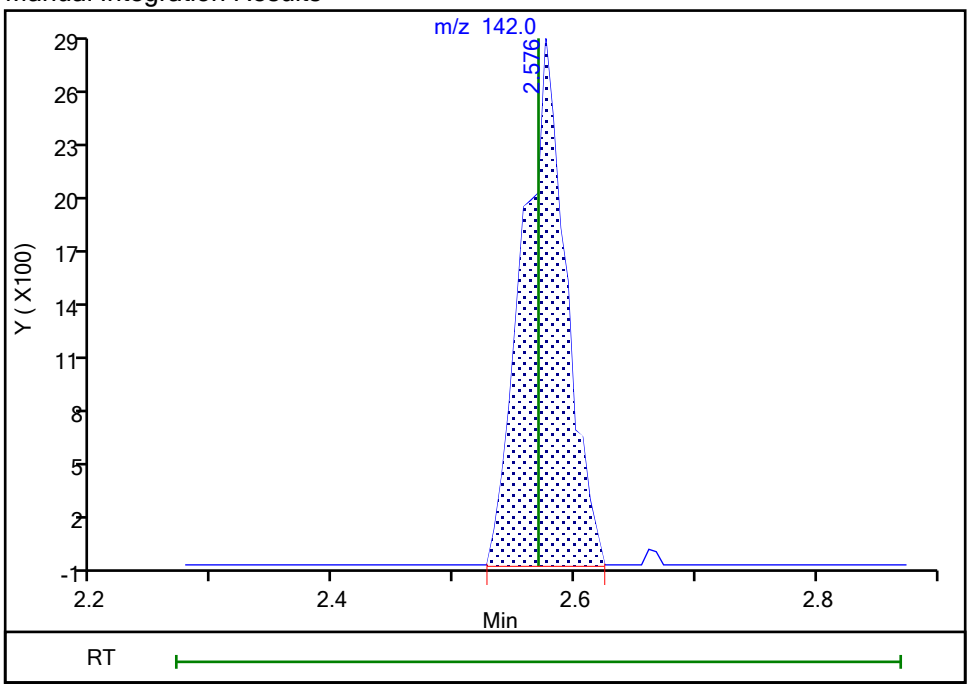
Processing Integration Results

RT: 2.58
Area: 5378
Amount: 0.885578
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 7177
Amount: 1.198481
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

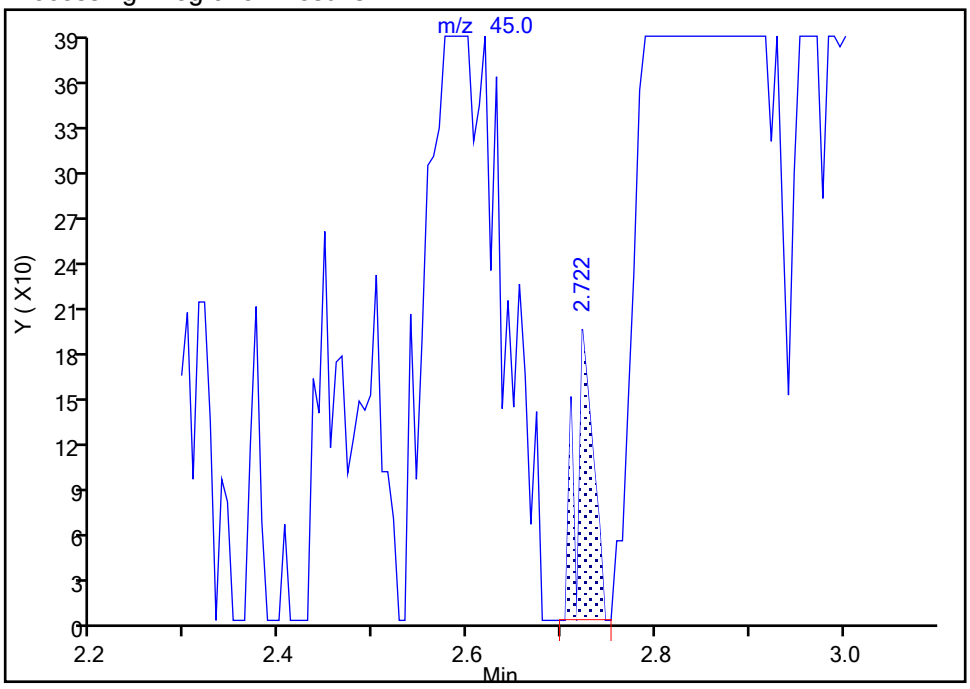
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

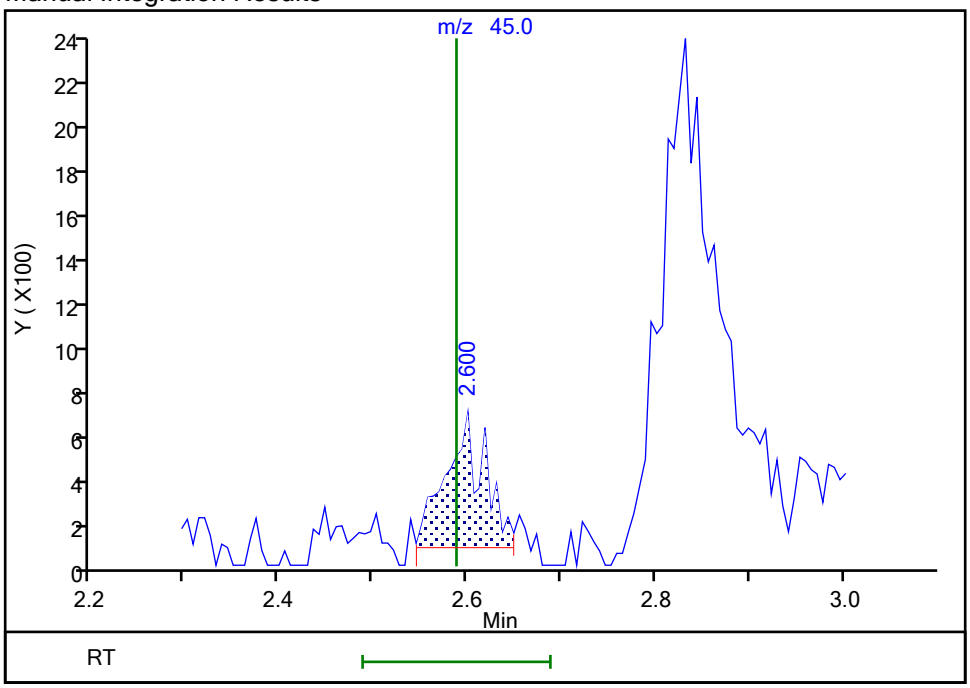
Processing Integration Results

RT: 2.72
Area: 243
Amount: 9.916147
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 1737
Amount: 10.589423
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 16:52:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

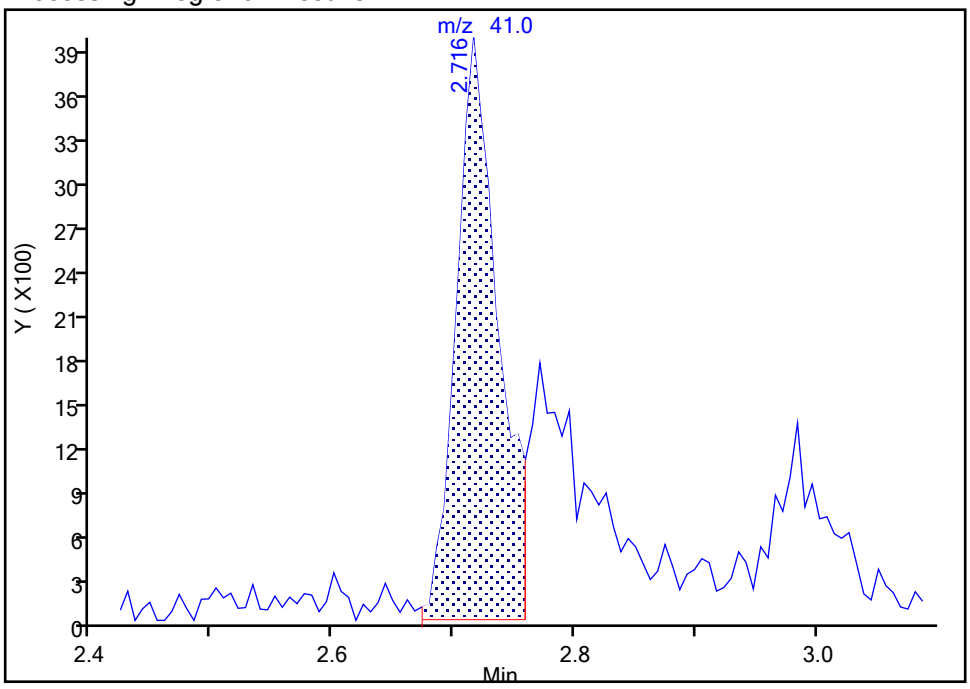
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

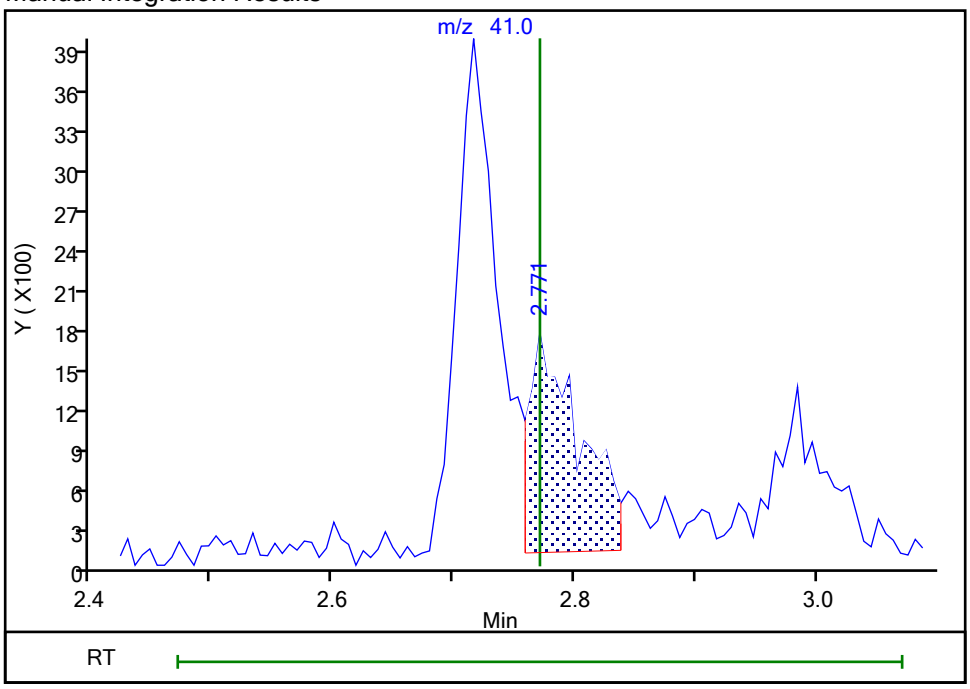
Processing Integration Results

RT: 2.72
Area: 9700
Amount: 10.629081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 4940
Amount: 9.966866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

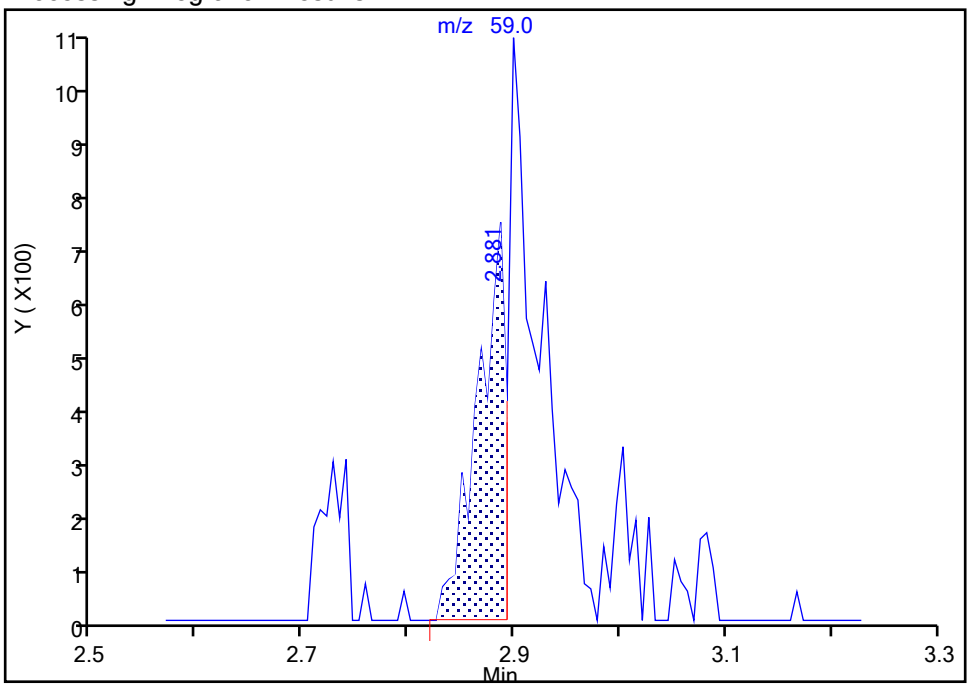
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

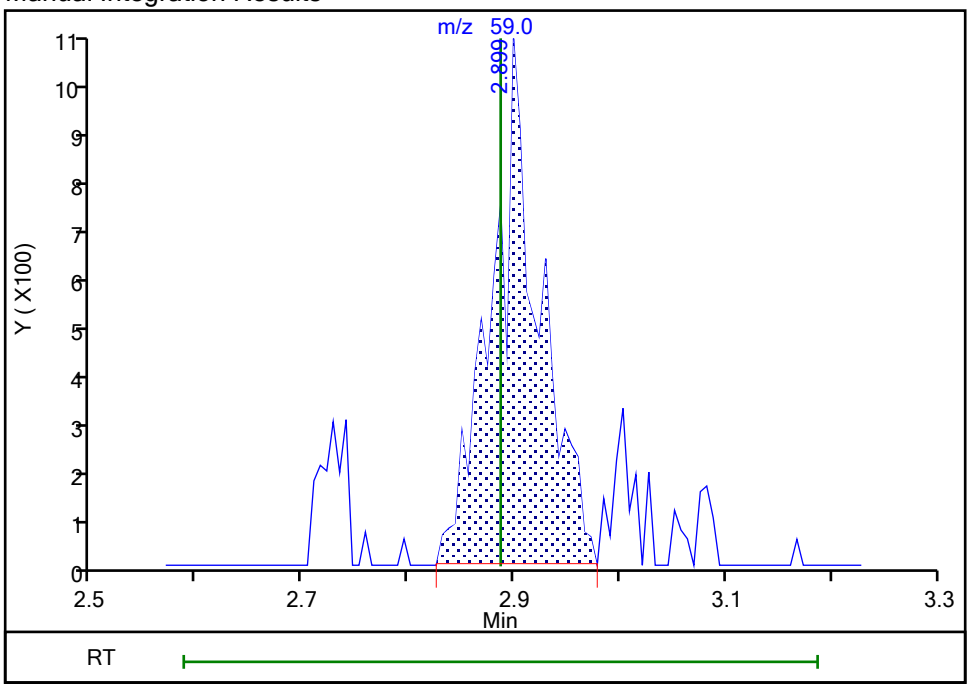
Processing Integration Results

RT: 2.88
Area: 1279
Amount: 10.783691
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 3179
Amount: 12.116954
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

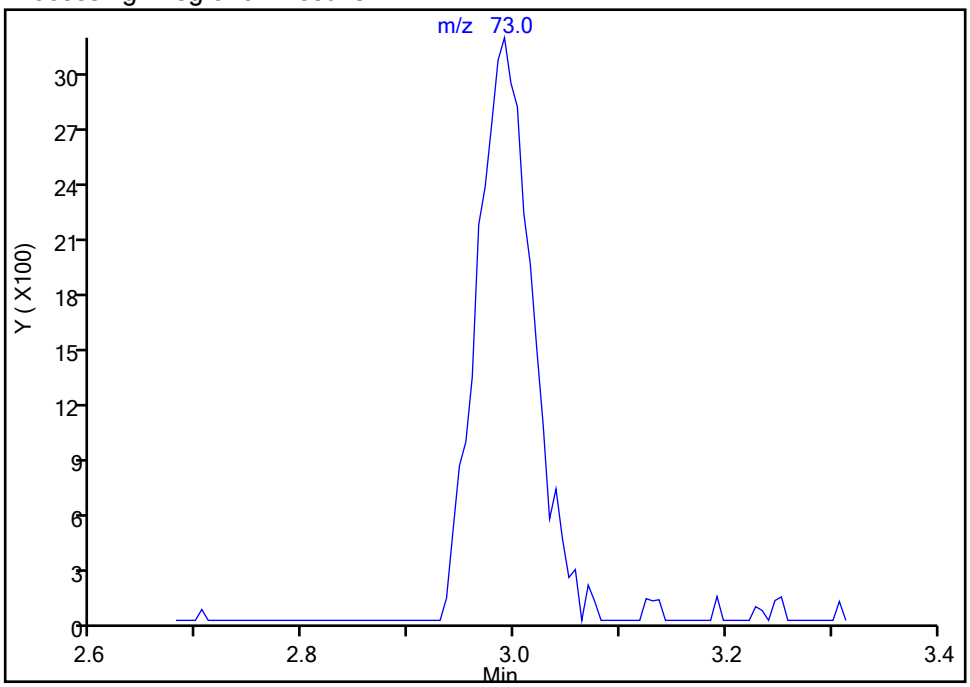
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

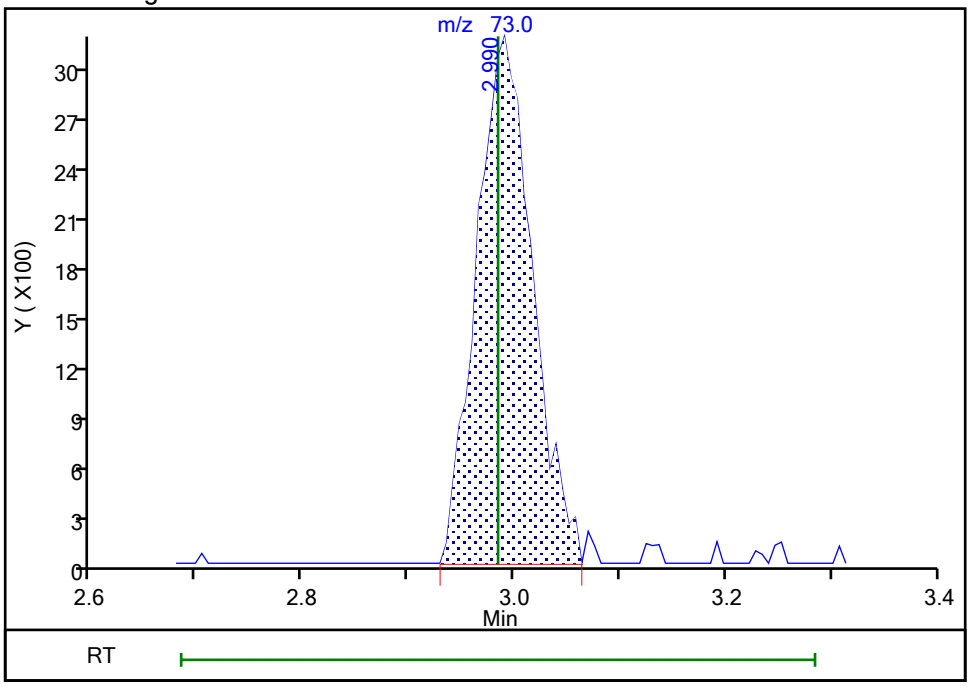
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 11405
Amount: 1.061998
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

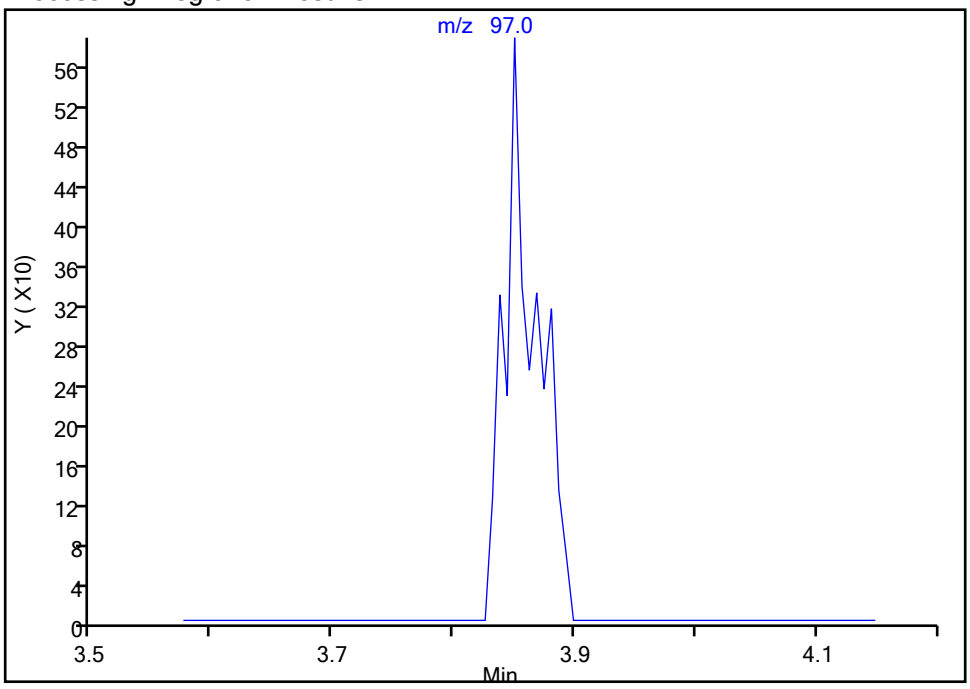
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

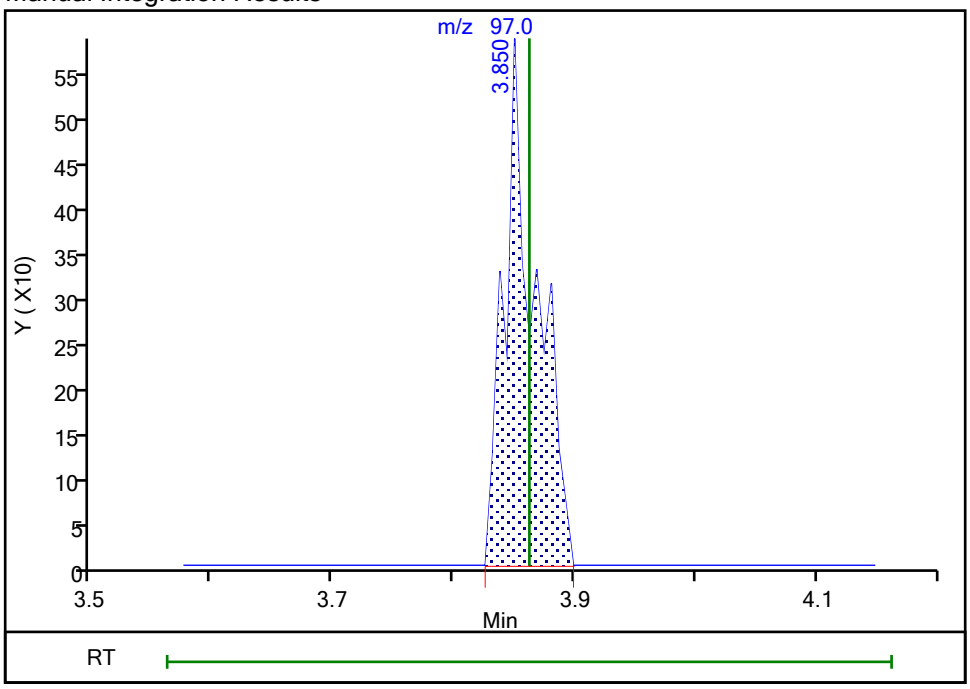
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 1071
Amount: 1.004500
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

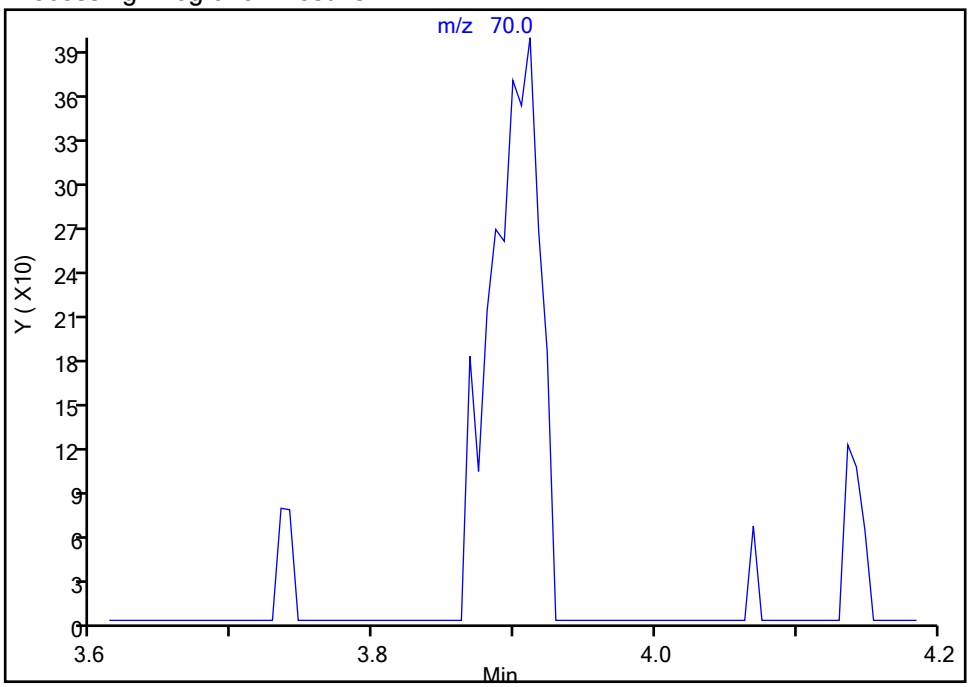
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

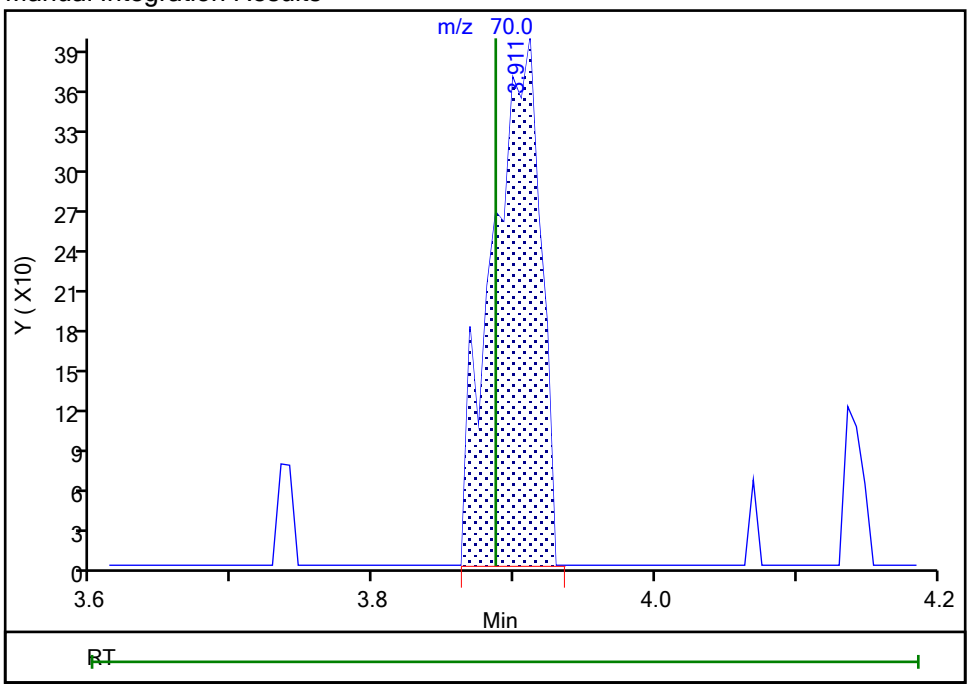
Not Detected
Expected RT: 3.89

Processing Integration Results



Manual Integration Results

RT: 3.91
Area: 939
Amount: 2.561731
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

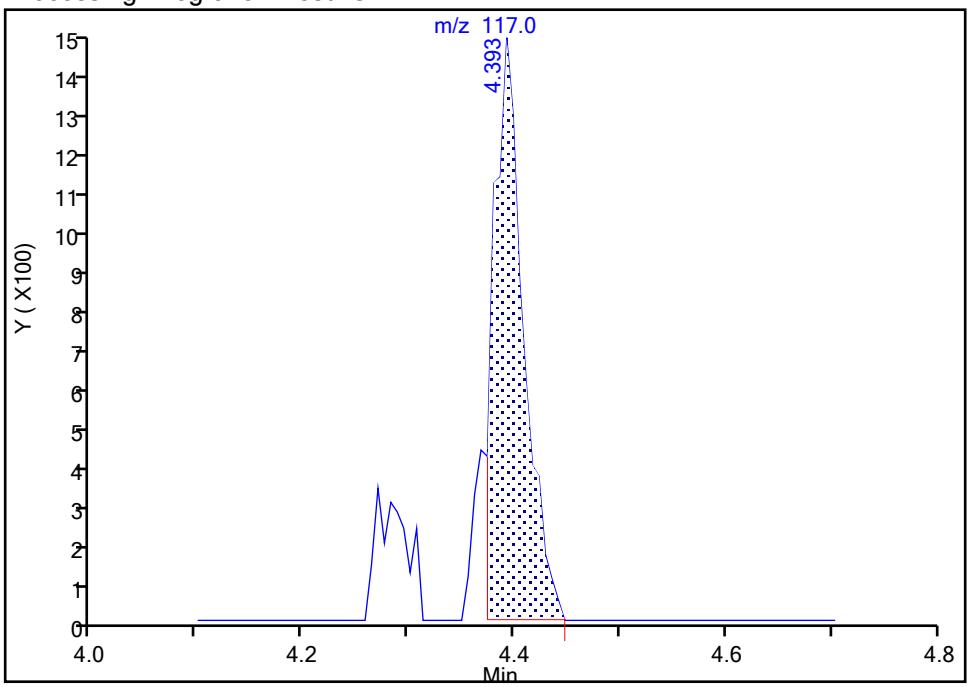
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

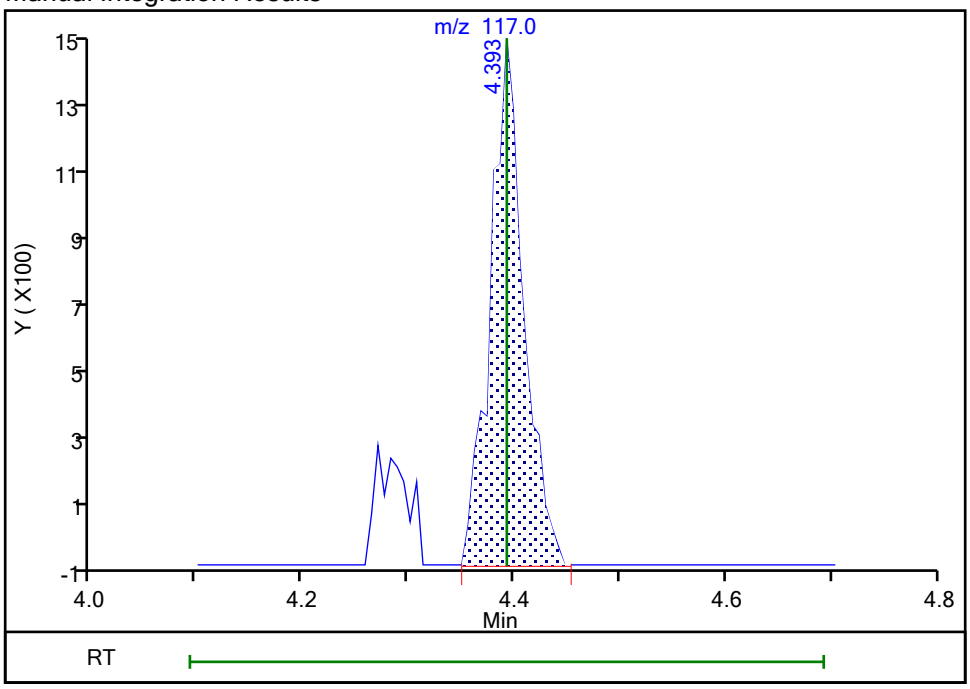
Processing Integration Results

RT: 4.39
Area: 2853
Amount: 1.042949
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 3168
Amount: 1.052355
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:46:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

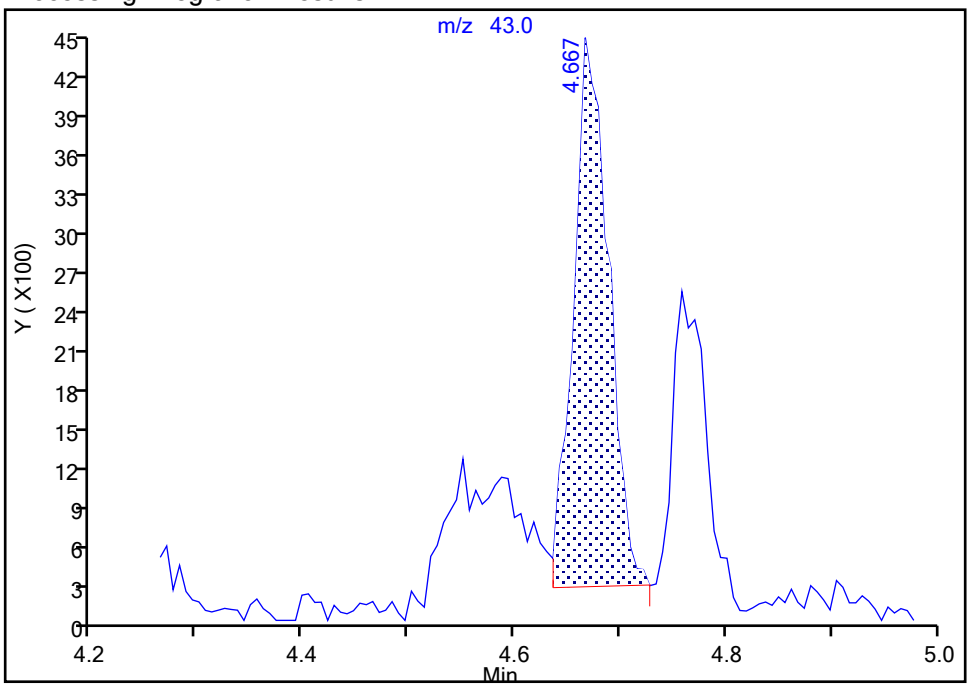
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

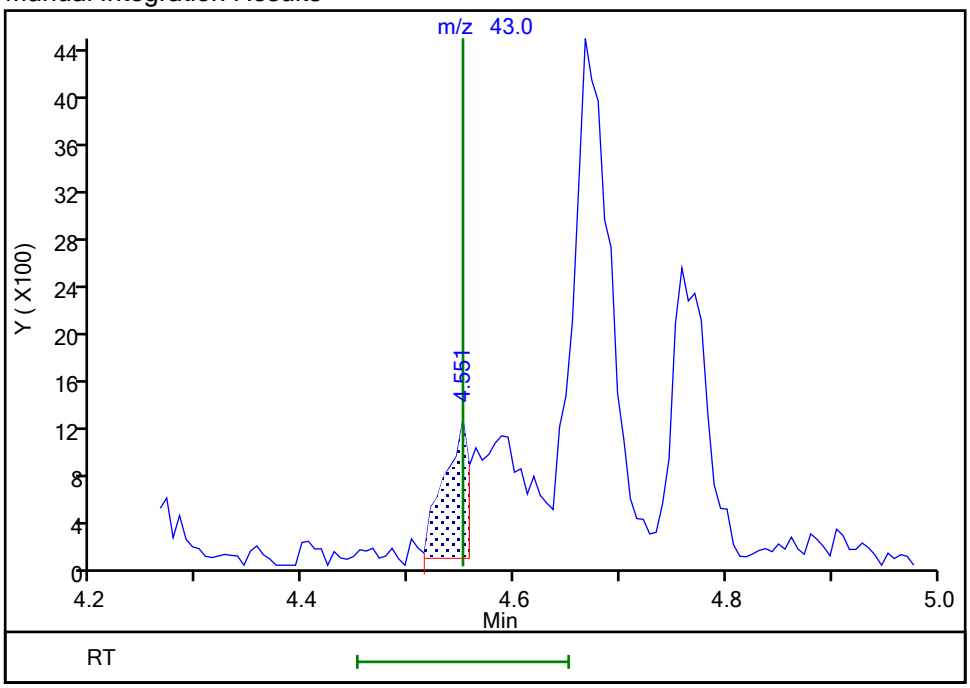
Processing Integration Results

RT: 4.67
Area: 9627
Amount: 99.861092
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 1897
Amount: 21.630439
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:33:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

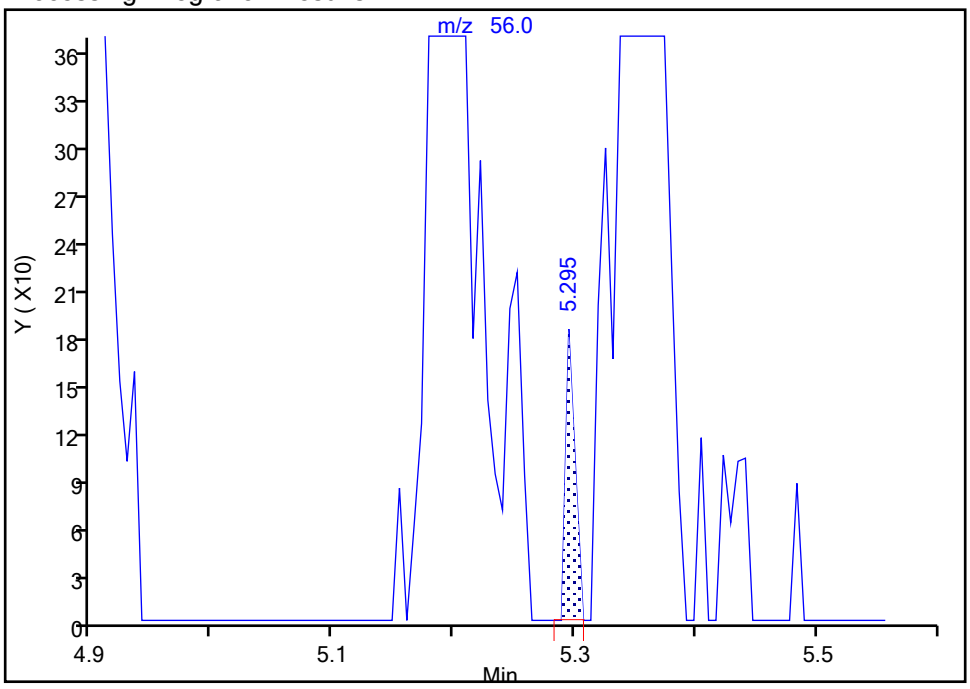
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

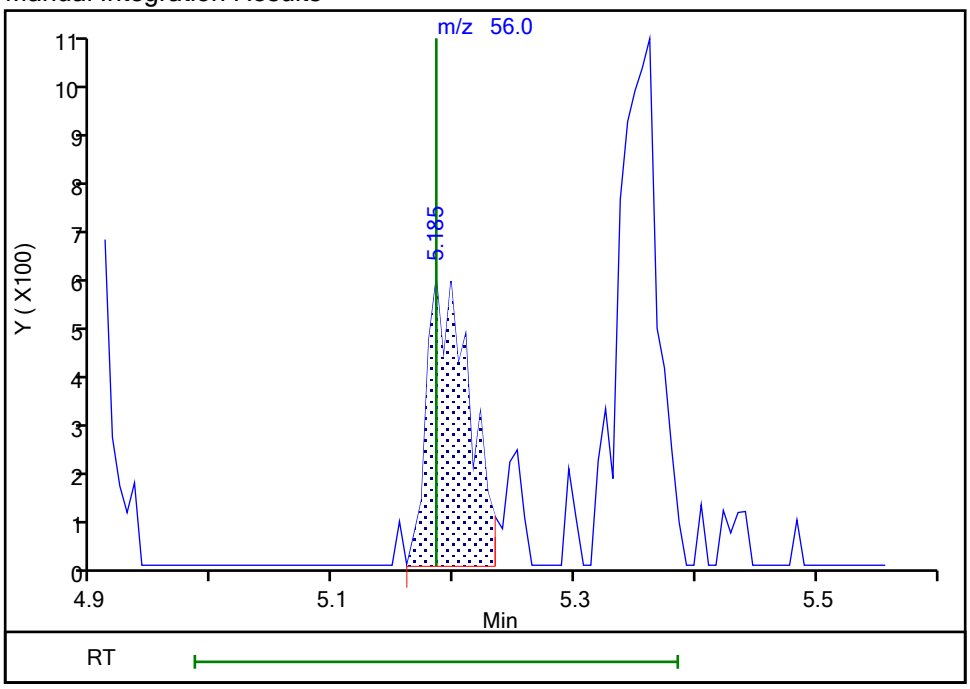
Processing Integration Results

RT: 5.29
Area: 101
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 1331
Amount: 22.680270
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

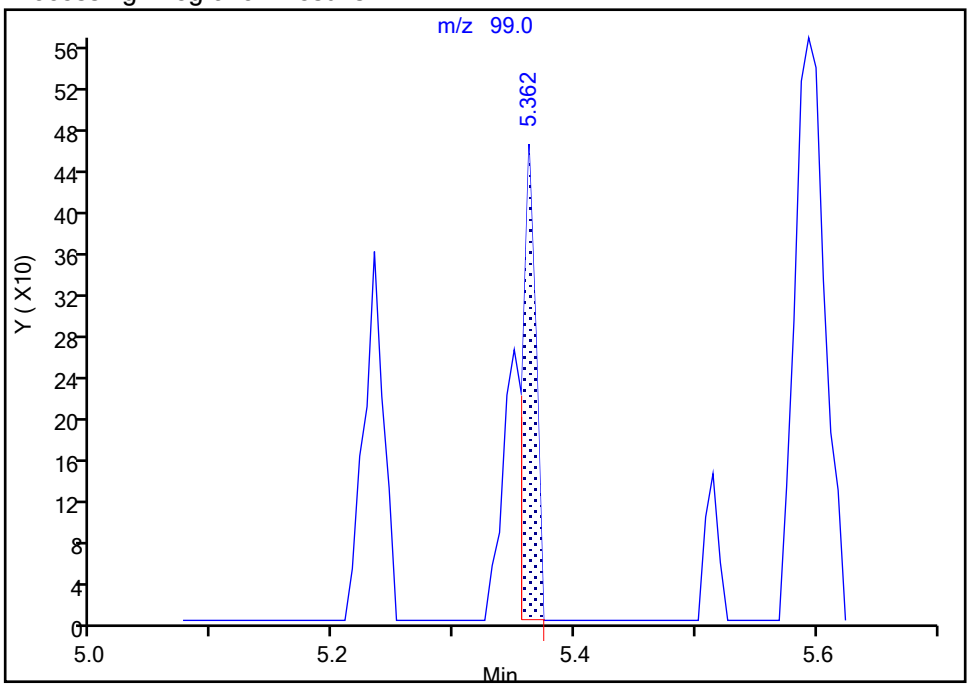
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

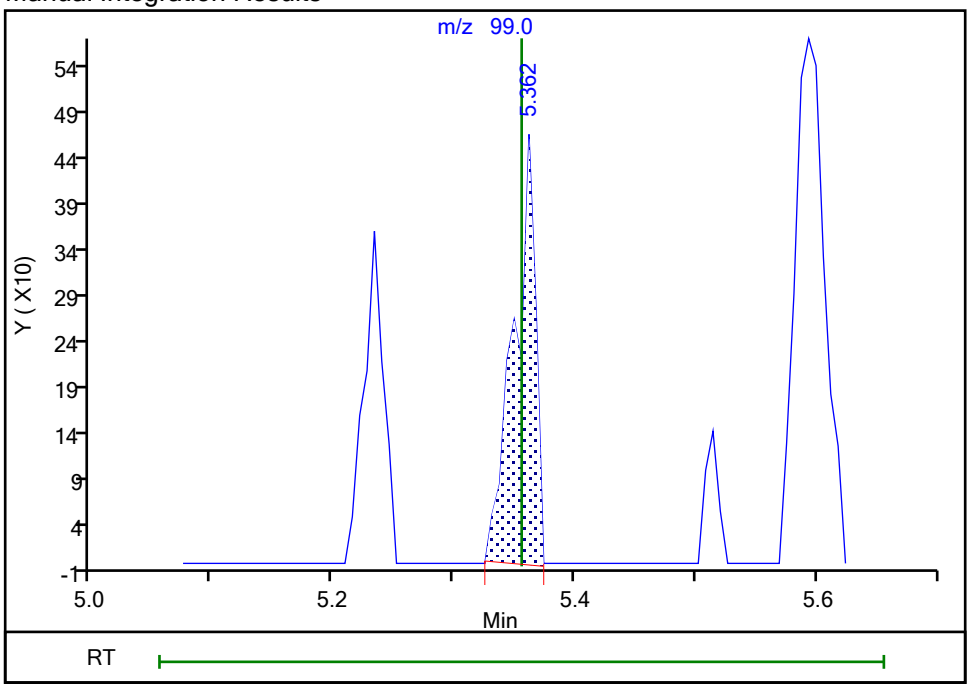
Processing Integration Results

RT: 5.36
Area: 346
Amount: 1.099983
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 572
Amount: 0.987371
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

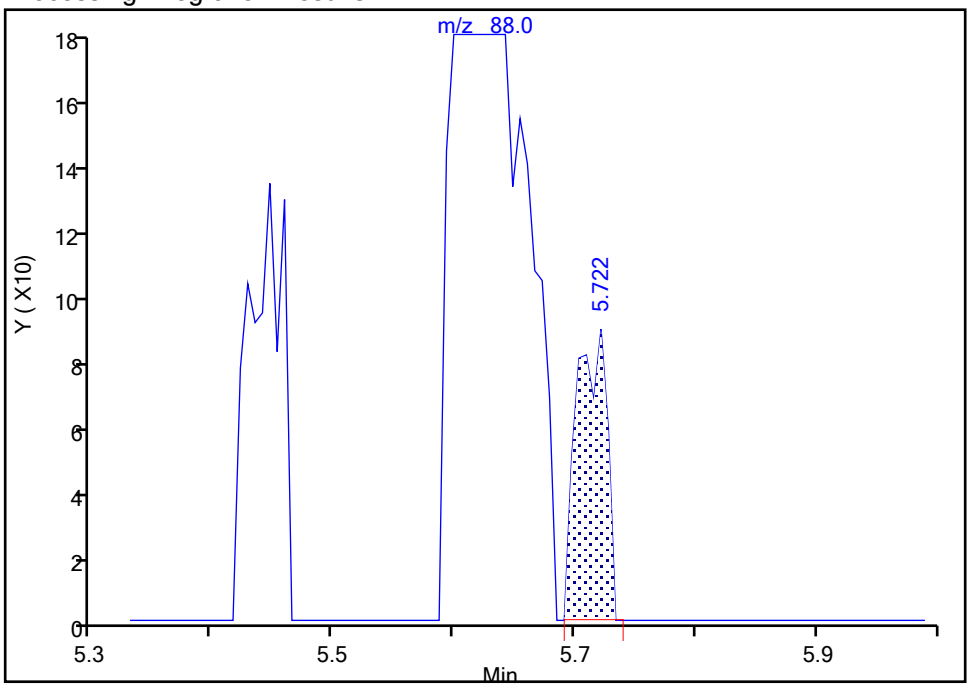
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

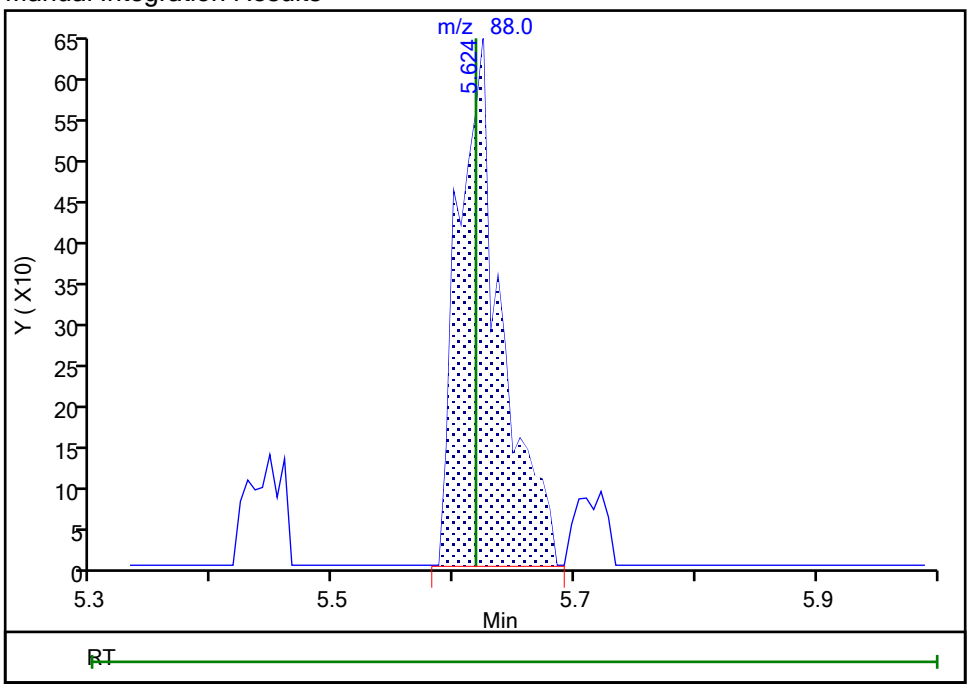
Processing Integration Results

RT: 5.72
Area: 157
Amount: 7.292910
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 1575
Amount: 45.717462
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

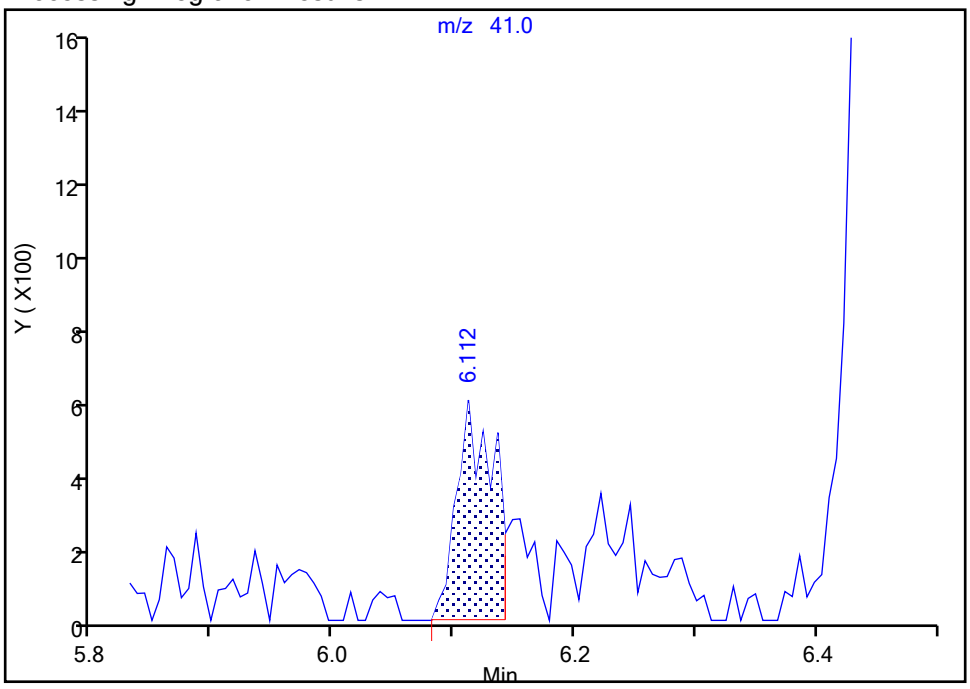
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

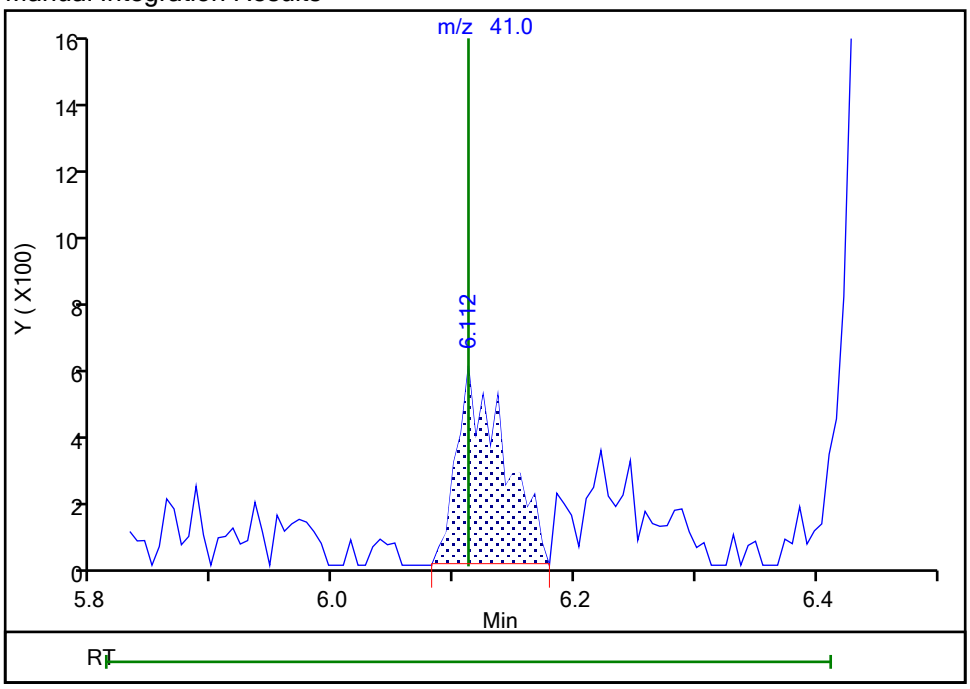
Processing Integration Results

RT: 6.11
Area: 1208
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 6.11
Area: 1552
Amount: 3.326051
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

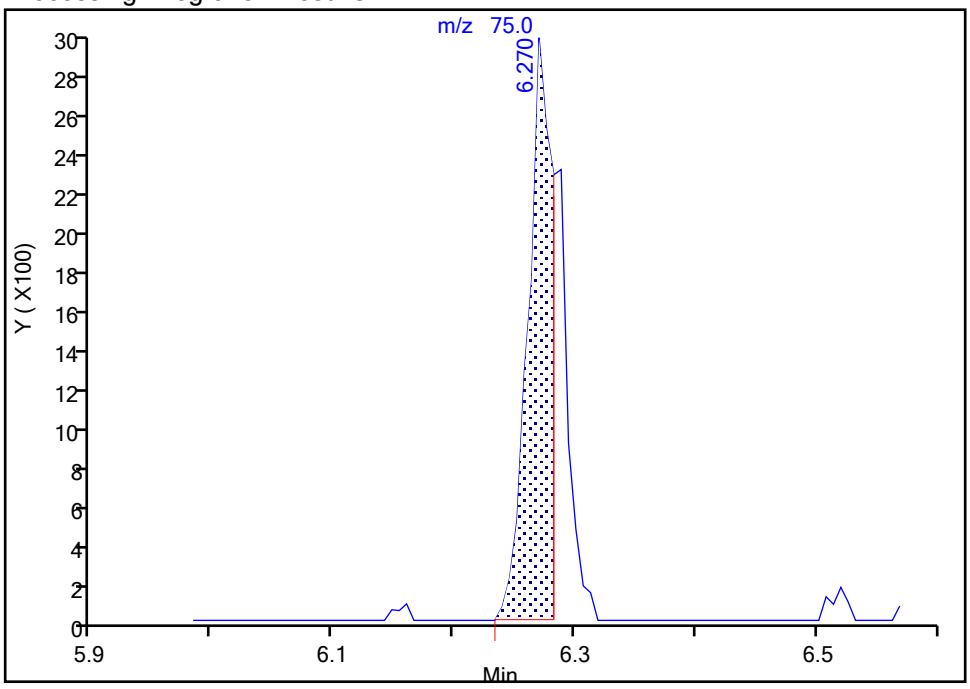
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

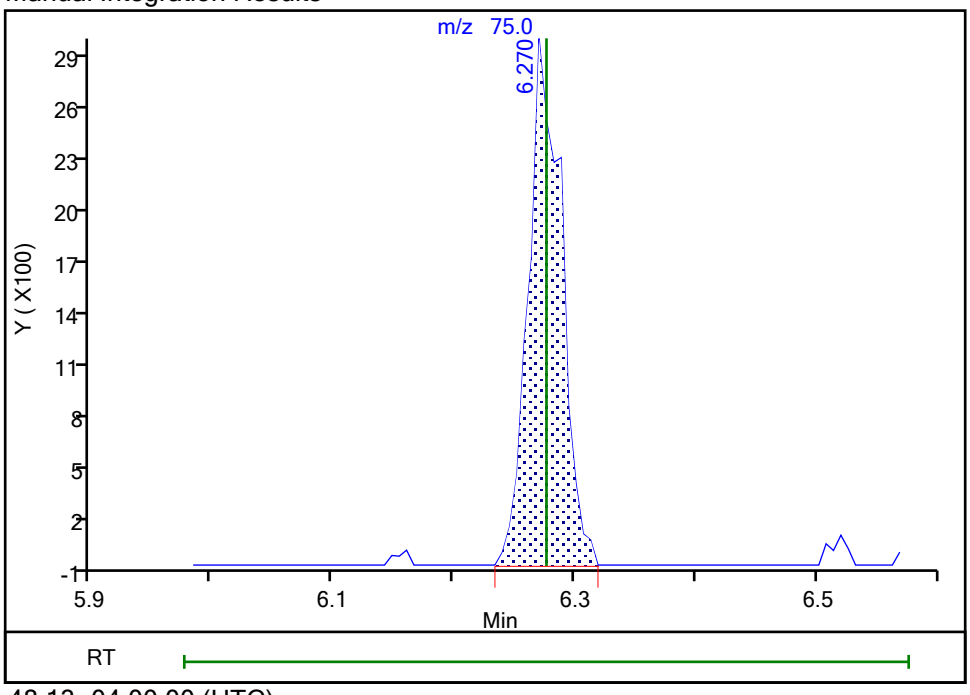
Processing Integration Results

RT: 6.27
Area: 4222
Amount: 0.844153
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 5680
Amount: 1.023859
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

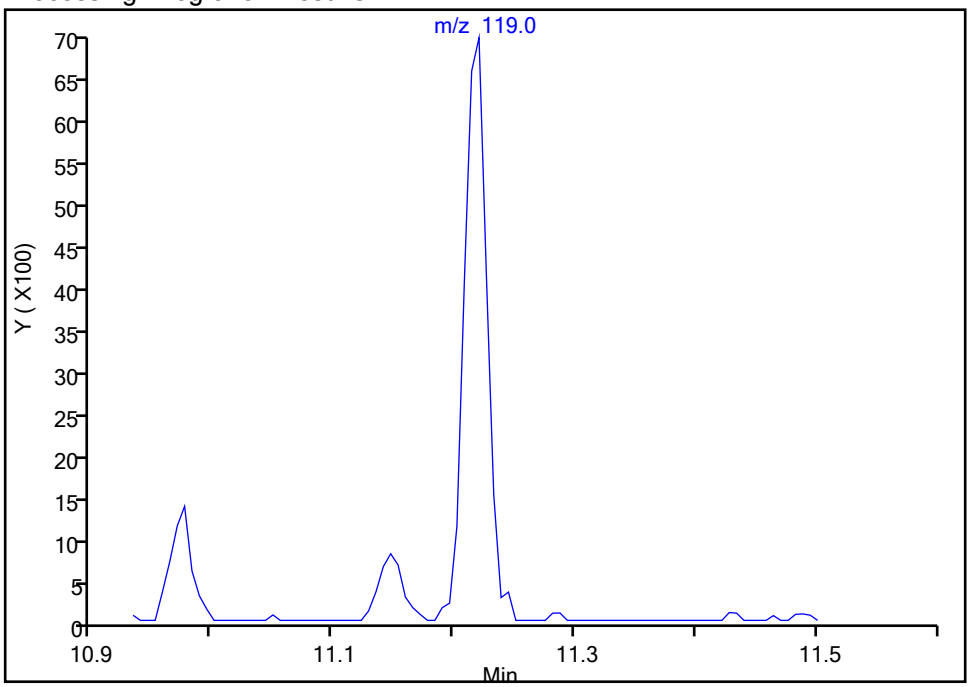
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

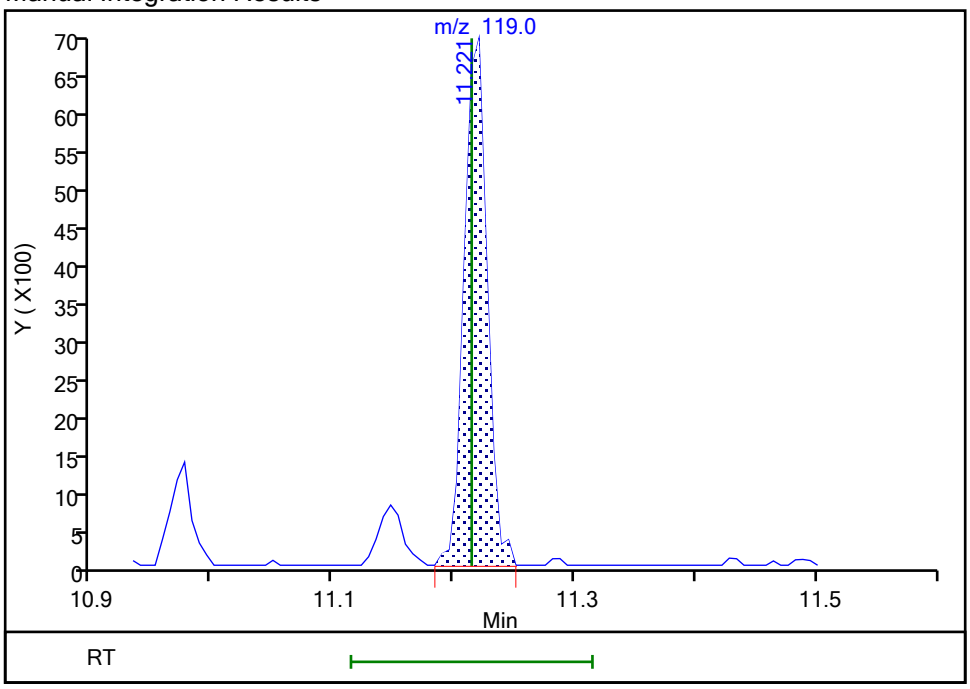
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.22
Area: 9256
Amount: 1.007183
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Aug-2024 09:05:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0180260-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:40:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.216	1.235	-0.019	1	190	5.00	3.87	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	58	5195	5.00	7.33	
2 1,1-Difluoroethane	65	1.320	1.320	0.000	97	10504	5.00	5.51	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	90	23398	5.00	5.17	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	96	3940	5.00	7.23	
6 Chloromethane	50	1.491	1.491	0.000	99	28347	5.00	5.22	
7 Vinyl chloride	62	1.558	1.558	0.000	96	24663	5.00	5.18	
8 Butadiene	54	1.570	1.570	0.000	97	24498	5.00	5.48	
9 Bromomethane	94	1.820	1.820	0.000	98	18168	5.00	5.40	
10 Chloroethane	64	1.875	1.881	-0.006	99	15726	5.00	5.01	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	43554	5.00	5.43	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	87	25033	5.00	5.20	
13 Pentane	72	2.058	2.070	-0.012	96	5396	10.0	9.52	
14 Ethanol	46	2.228	2.234	-0.006	70	4906	200.0	204.0	M
15 Ethyl ether	74	2.234	2.234	0.000	95	13497	5.00	5.14	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	95	16179	5.00	5.17	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.302	-0.007	84	16365	5.00	5.39	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	88	28531	5.00	5.33	
19 Acrolein	56	2.393	2.387	0.006	95	12364	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	91	15491	5.00	5.30	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	19159	5.00	5.38	
22 Acetone	43	2.503	2.497	0.006	85	26613	25.0	22.8	
23 Iodomethane	142	2.570	2.570	0.000	96	33312	5.00	5.44	
25 Isopropyl alcohol	45	2.570	2.588	-0.018	31	9537	50.0	56.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	71216	5.00	5.60	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	93	13206	5.00	5.46	
27 Methyl acetate	43	2.728	2.722	0.006	86	28766	10.0	9.61	
28 Cyclopentene	67	2.734	2.734	0.000	93	39689	5.00	5.31	
29 Acetonitrile	41	2.771	2.771	0.000	90	30008	50.0	59.3	Ma
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	41654	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.832	2.838	-0.006	75	23289	5.00	5.28	
32 2-Methyl-2-propanol	59	2.881	2.887	-0.006	92	13076	50.0	48.3	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	97	58732	5.00	5.35	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	21231	5.00	5.55	
35 Acrylonitrile	53	3.076	3.070	0.006	95	77919	50.0	52.6	
36 Hexane	57	3.155	3.155	0.000	93	21905	5.00	5.47	
37 Isopropyl ether	45	3.356	3.356	0.000	97	70772	5.00	5.36	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	70	37466	5.00	5.28	
39 Vinyl acetate	86	3.393	3.393	0.000	100	4982	10.0	8.87	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	17628	5.00	5.49	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	88	63169	5.00	5.37	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	406838	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	47	5417	5.00	4.97	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	94	22915	5.00	5.29	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	95	10594	25.0	24.8	a
46 Ethyl acetate	70	3.899	3.887	0.012	97	3945	10.0	10.5	
47 Methyl acrylate	55	3.941	3.941	0.000	98	14680	5.00	4.64	
48 Propionitrile	54	4.008	4.009	-0.001	98	28865	50.0	60.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	5140	10.0	10.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	88	11256	5.00	5.32	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	81049	50.0	54.2	
52 Chloroform	83	4.136	4.143	-0.007	97	34774	5.00	5.50	
53 Cyclohexane	84	4.258	4.271	-0.013	31	26195	5.00	5.36	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	39	25804	5.00	5.54	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	184231	50.0	50.5	
56 Carbon tetrachloride	117	4.386	4.393	-0.007	95	15456	5.00	5.02	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	26399	5.00	5.51	
58 Isobutyl alcohol	43	4.557	4.551	0.006	67	10579	125.0	116.8	Ma
59 Isooctane	57	4.588	4.582	0.006	97	57756	5.00	5.13	
60 Benzene	78	4.606	4.612	-0.006	96	82447	5.00	5.24	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	214599	50.0	49.8	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	93	62126	5.00	5.20	
63 Isopropyl acetate	61	4.667	4.673	-0.006	92	10035	5.00	5.10	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	94	26557	5.00	5.40	
65 n-Heptane	100	4.771	4.771	0.000	92	3828	5.00	5.76	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	753377	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	86	7535	125.0	124.3	
68 Trichloroethene	95	5.228	5.228	0.000	97	18897	5.00	5.29	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	27517	5.00	4.93	
70 Ethyl acrylate	99	5.350	5.356	-0.006	95	2273	5.00	3.84	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	90	21016	5.00	5.26	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	36410	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	8139	10.0	9.69	
75 1,4-Dioxane	88	5.624	5.618	0.006	27	4008	100.0	101.3	a
74 Dibromomethane	93	5.630	5.630	0.000	94	12311	5.00	5.36	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	23308	5.00	4.50	
77 Dichlorobromomethane	83	5.783	5.783	-0.001	99	21255	5.00	5.13	
78 2-Nitropropane	41	6.118	6.112	0.006	70	5247	10.0	11.0	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	89	12947	5.01	5.22	
80 Epichlorohydrin	57	6.221	6.222	-0.001	99	34795	100.0	100.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	28882	5.00	5.05	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	36688	25.0	25.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	710246	50.0	49.2	
84 Toluene	91	6.587	6.587	0.000	93	83026	5.00	4.91	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	22923	5.00	4.76	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	18880	5.00	3.76	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	95	13911	5.00	5.01	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	19255	5.00	5.43	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	28531	5.00	5.11	
90 2-Hexanone	43	7.422	7.423	0.000	97	60986	25.0	26.8	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	23134	5.00	4.55	
92 Chlorodibromomethane	129	7.575	7.575	0.000	96	12161	5.00	4.60	
93 Ethylene Dibromide	107	7.727	7.721	0.006	97	15537	5.00	4.99	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	538603	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	53911	5.00	5.48	
96 Ethylbenzene	106	8.410	8.410	0.000	99	27662	5.00	5.21	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	89	12287	5.00	4.30	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	33020	5.00	5.19	
99 o-Xylene	106	9.087	9.087	0.000	93	32707	5.00	5.04	
100 n-Butyl acrylate	73	9.093	9.087	0.006	55	9687	5.00	4.50	
101 Styrene	104	9.123	9.123	0.000	98	55715	5.00	5.42	
102 Bromoform	173	9.367	9.367	0.000	64	6654	5.00	4.61	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	92	24414	5.00	3.11	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	75249	5.00	5.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	228299	50.0	50.4	
106 Bromobenzene	156	9.898	9.898	0.000	98	22820	5.00	5.31	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	98	21405	5.00	5.16	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	101645	5.00	5.22	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	6461	5.00	5.46	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	70	3923	5.00	4.09	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	71886	5.00	5.26	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	84022	5.00	5.15	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	67688	5.00	5.01	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	67840	5.00	5.16	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	13540	5.00	2.59	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	56847	5.00	5.01	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	73188	5.00	5.20	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	88591	5.00	5.15	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	97	44299	5.00	5.28	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	78832	5.00	5.35	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	301749	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	94	43024	5.00	5.14	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	78236	5.00	5.12	
124 Benzyl chloride	91	11.086	11.086	0.000	99	25014	5.00	4.23	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	76935	5.00	5.30	
126 p-Diethylbenzene	119	11.220	11.214	0.006	93	49589	5.00	5.27	a
127 n-Butylbenzene	92	11.239	11.239	0.000	97	42601	5.00	5.28	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	95	42495	5.00	5.15	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	76366	5.00	5.18	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	86	2144	5.00	3.67	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	35371	5.00	5.03	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	33454	5.00	5.31	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	17169	5.00	5.29	
134 Naphthalene	128	12.775	12.775	0.000	99	75281	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	32618	5.00	5.04	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.81	
S 140 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D

Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17

Lims ID: STD5

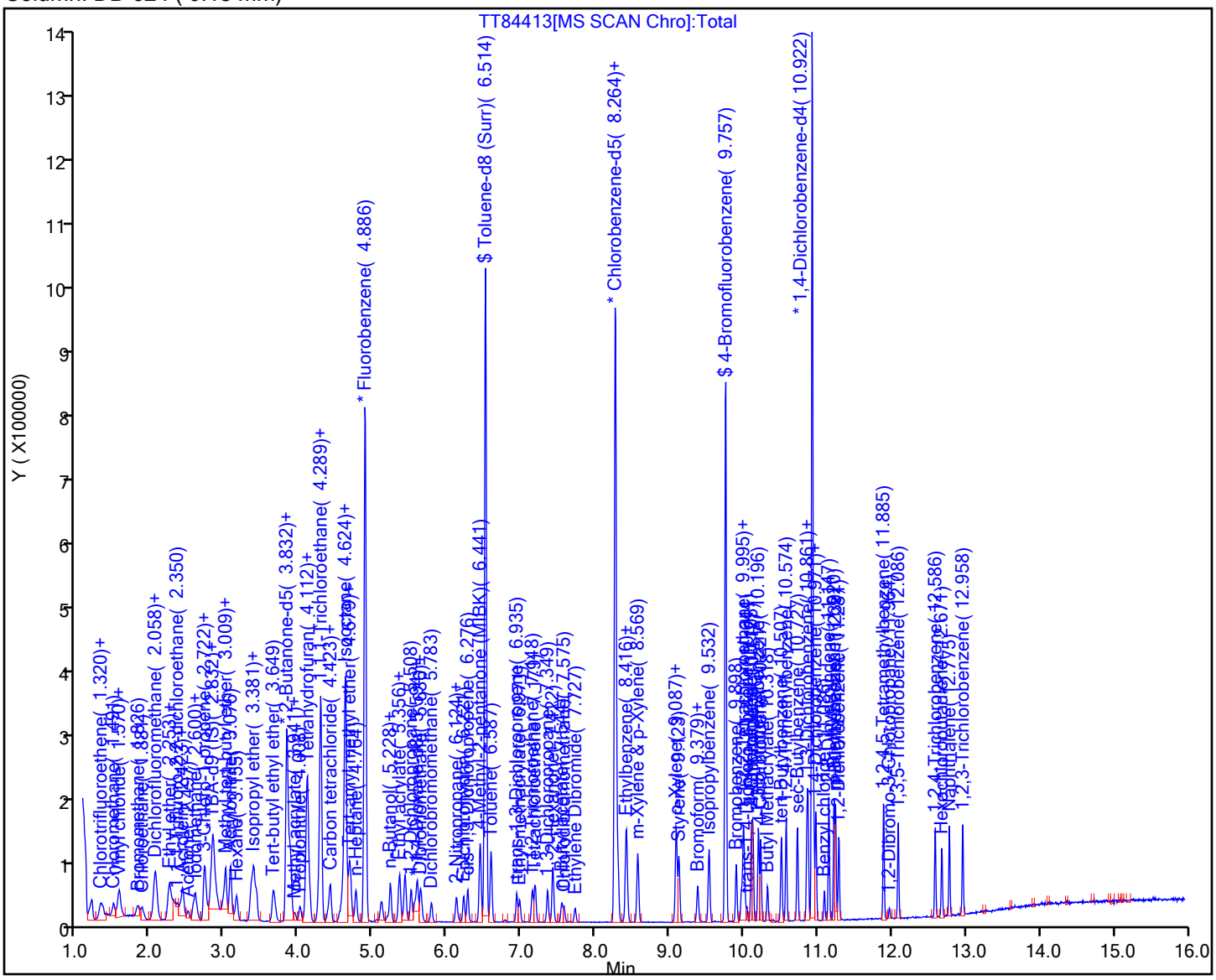
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

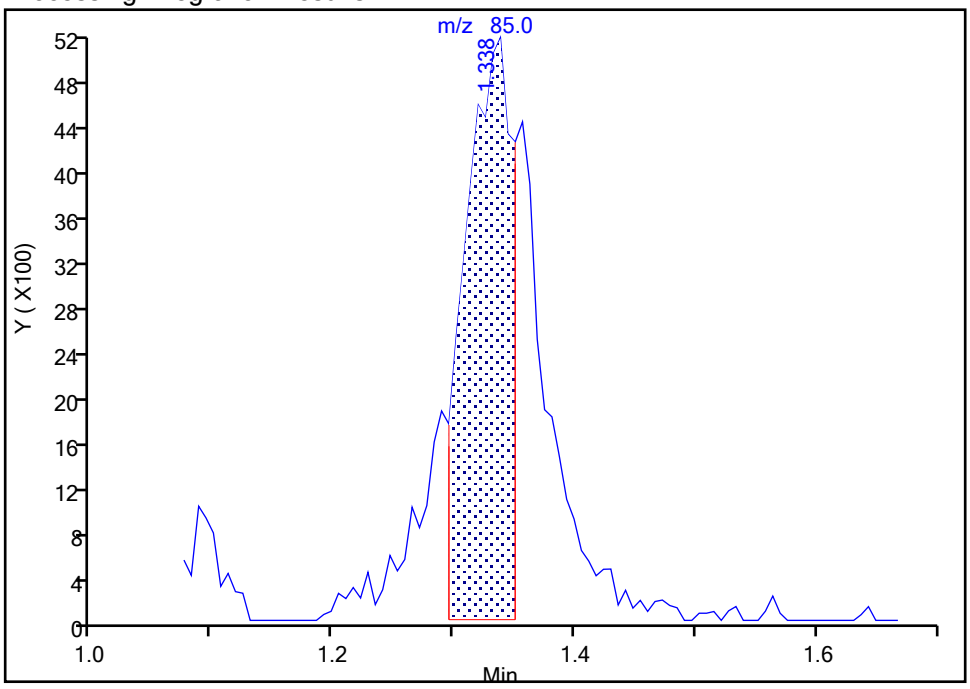
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

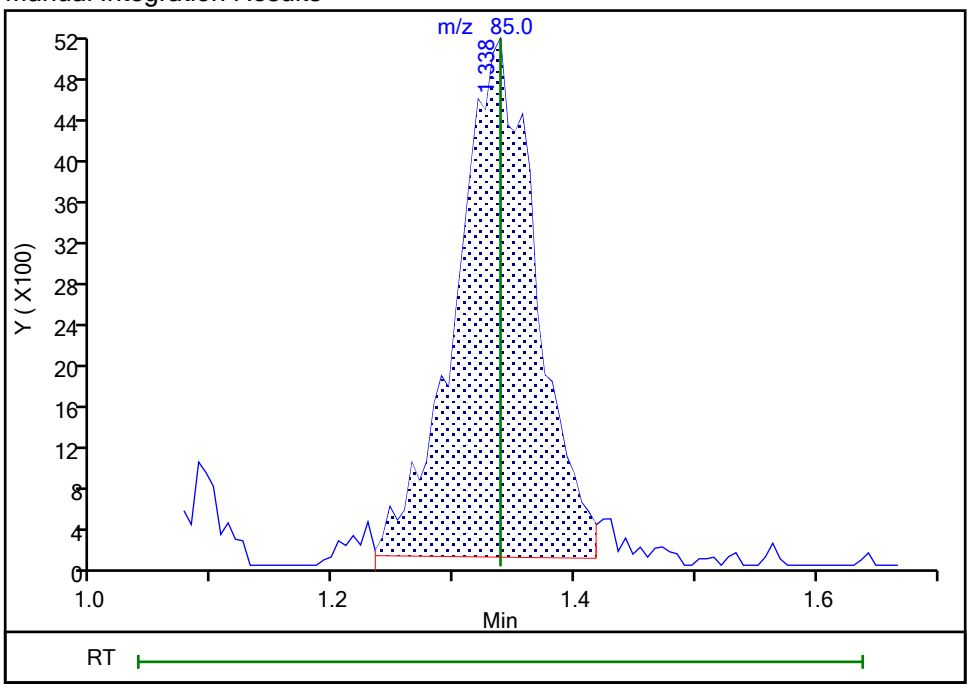
Processing Integration Results

RT: 1.34
Area: 14208
Amount: 4.998733
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 23398
Amount: 5.165415
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:37:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

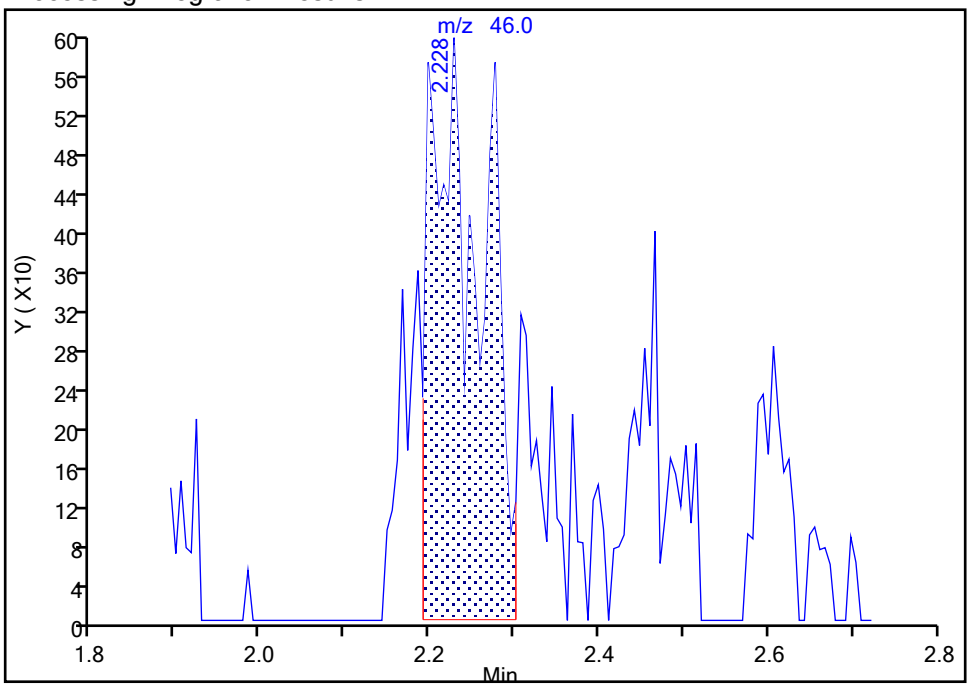
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

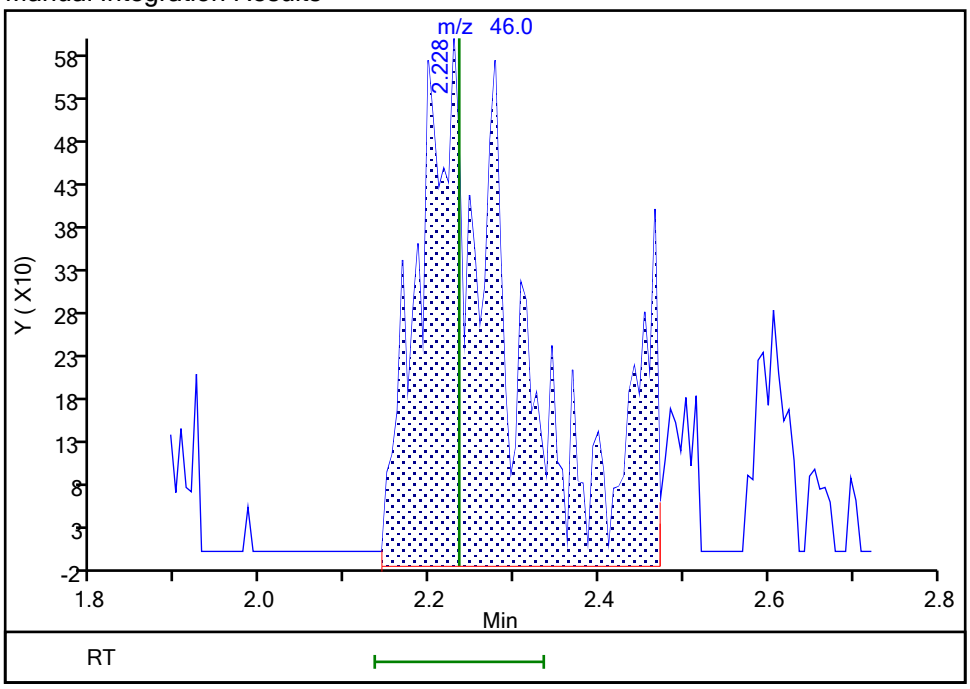
Processing Integration Results

RT: 2.23
Area: 2550
Amount: 198.8132
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 4906
Amount: 204.0450
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:34:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

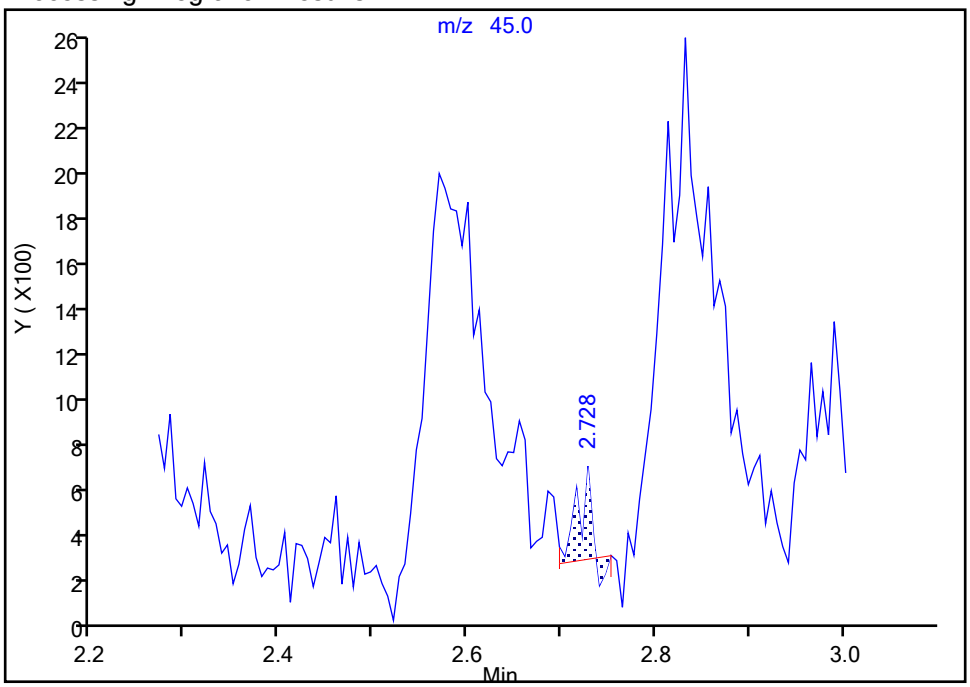
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

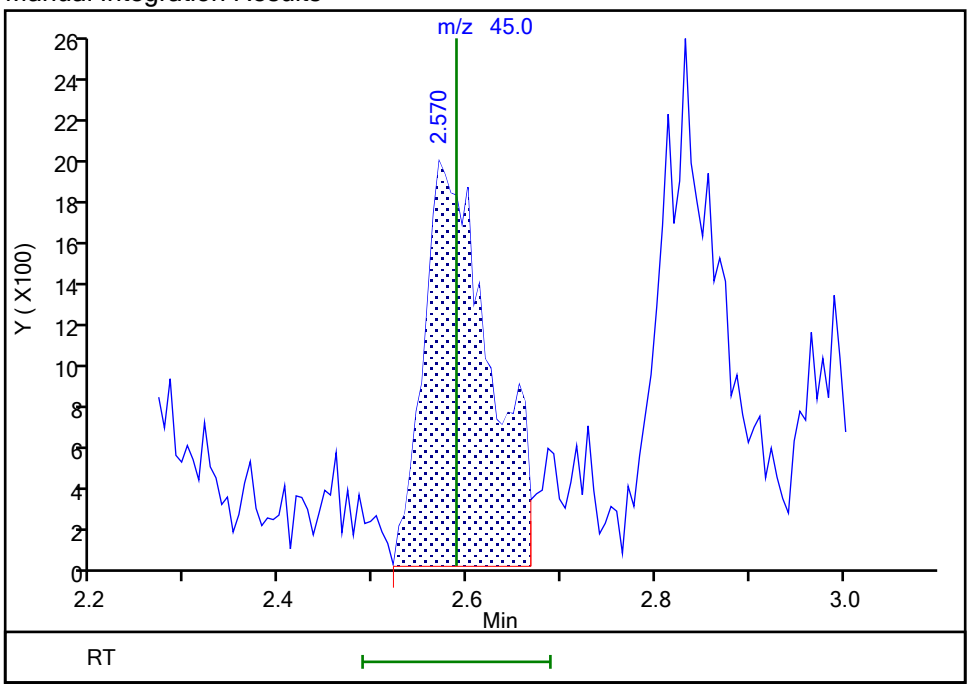
Processing Integration Results

RT: 2.73
Area: 338
Amount: 12.208539
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 9537
Amount: 56.298762
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:00:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

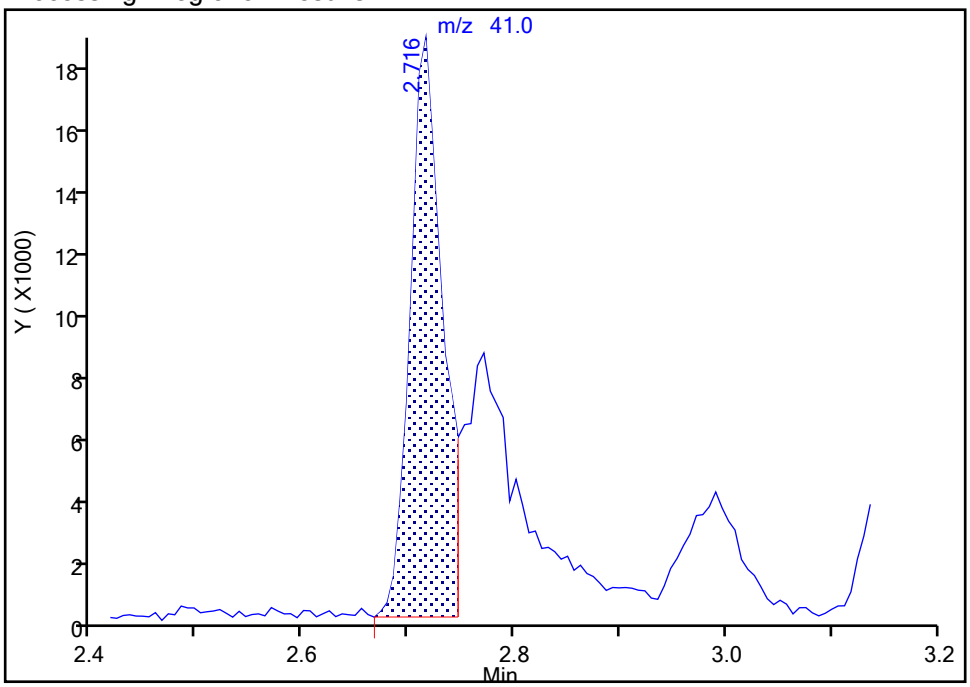
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

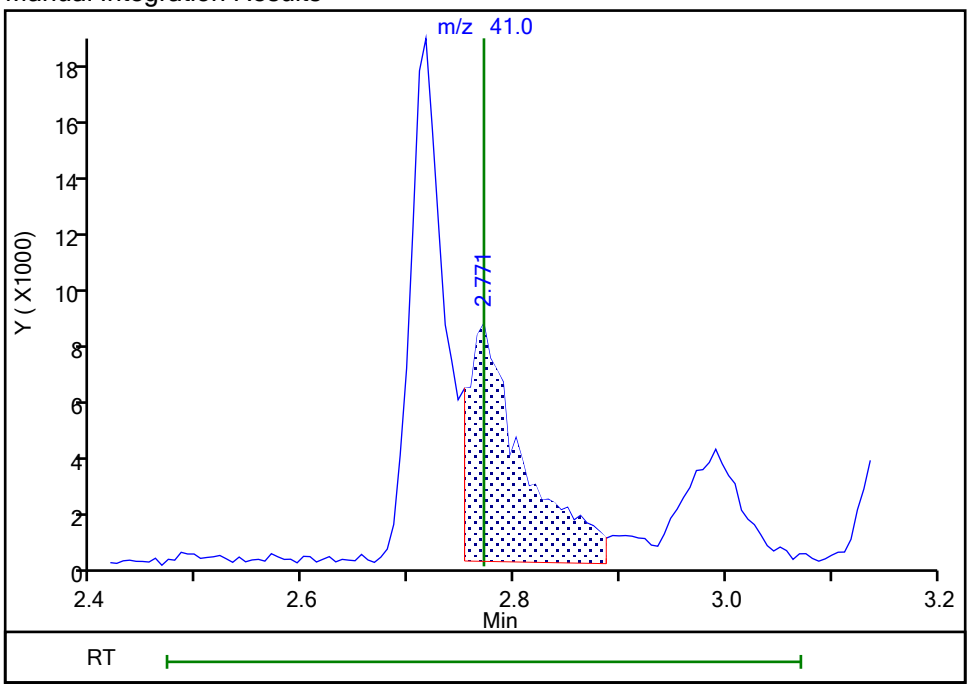
Processing Integration Results

RT: 2.72
Area: 38907
Amount: 45.604081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 30008
Amount: 59.255226
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

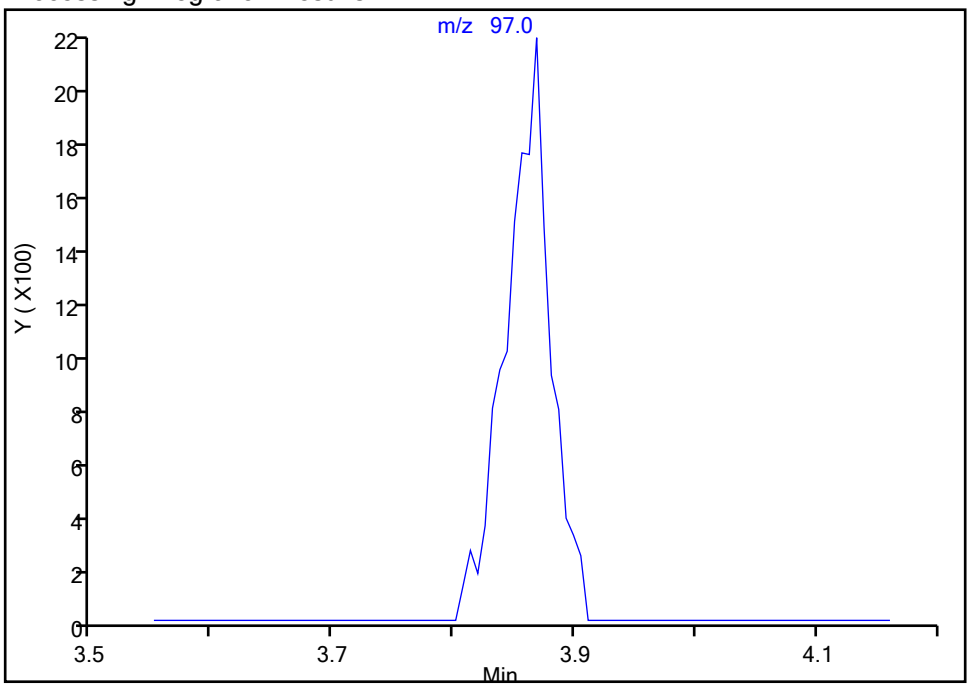
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

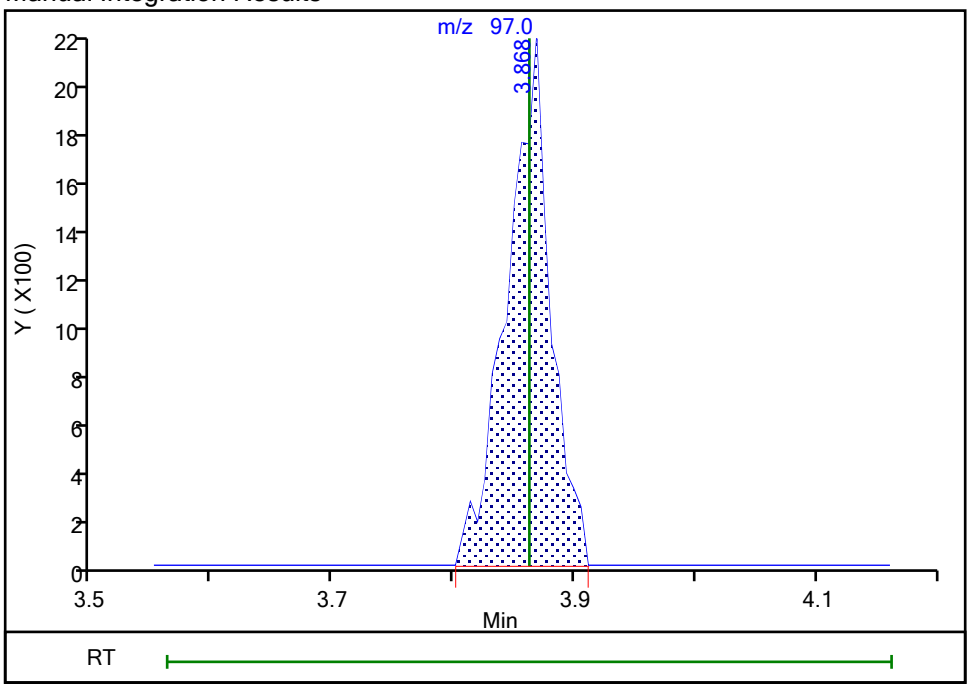
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 5417
Amount: 4.969328
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

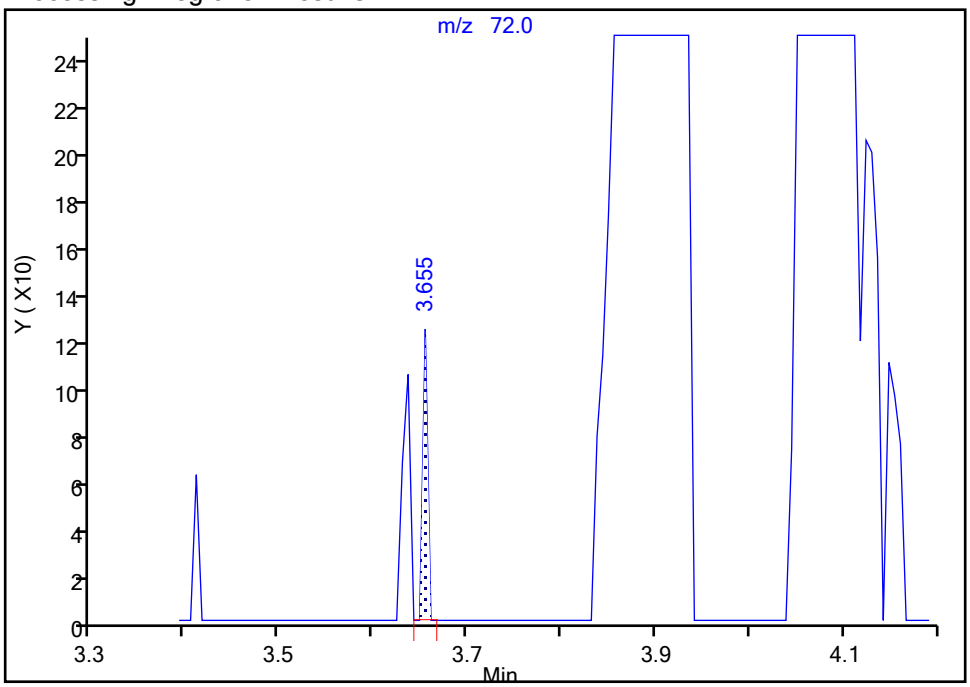
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

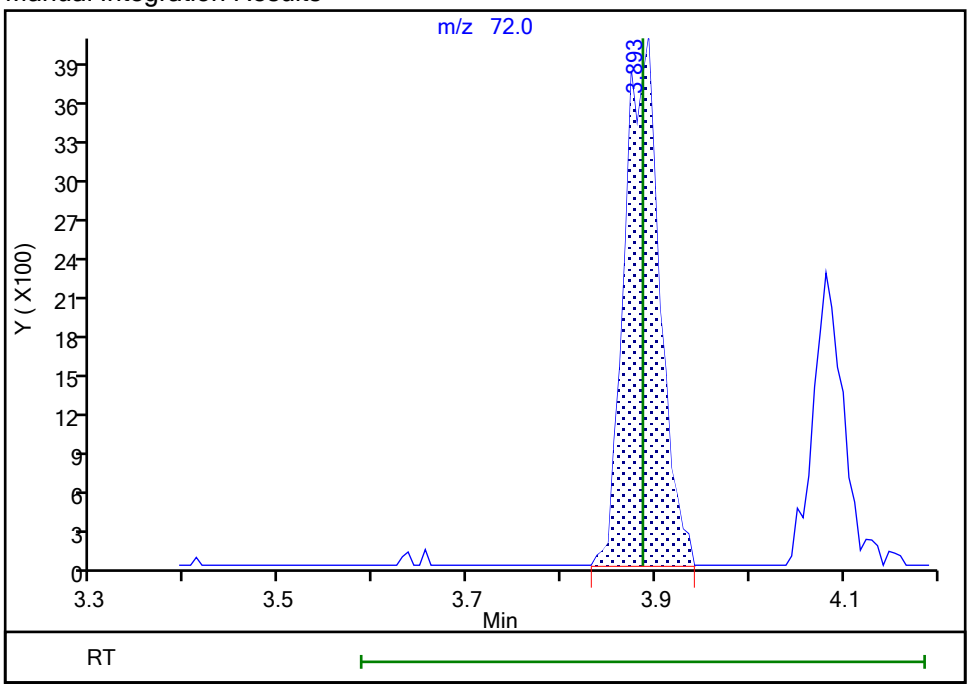
Processing Integration Results

RT: 3.65
Area: 45
Amount: 0.140999
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 10594
Amount: 24.795886
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

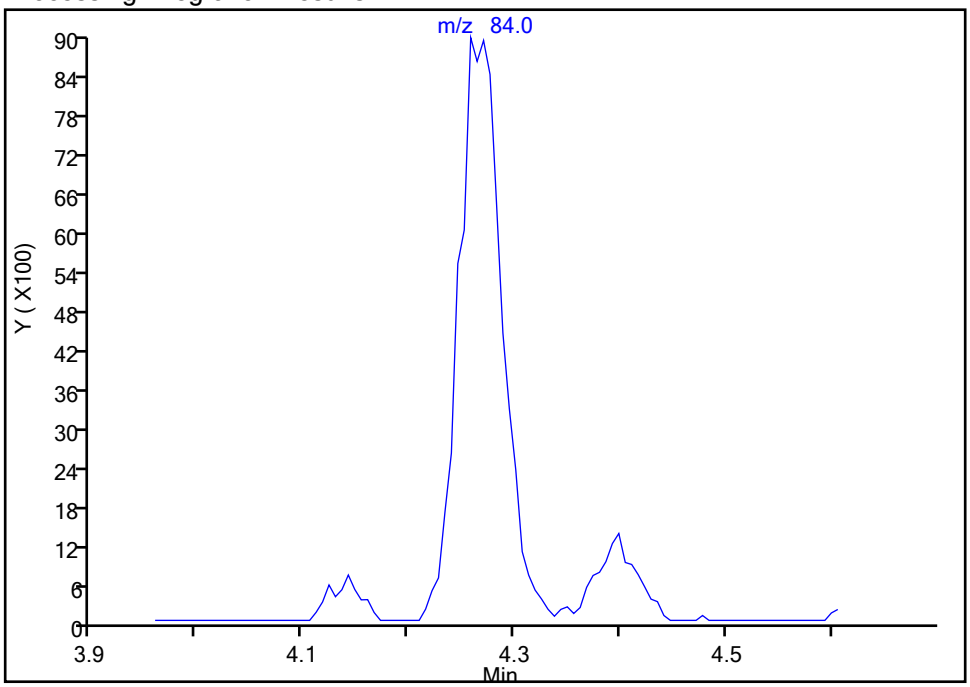
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

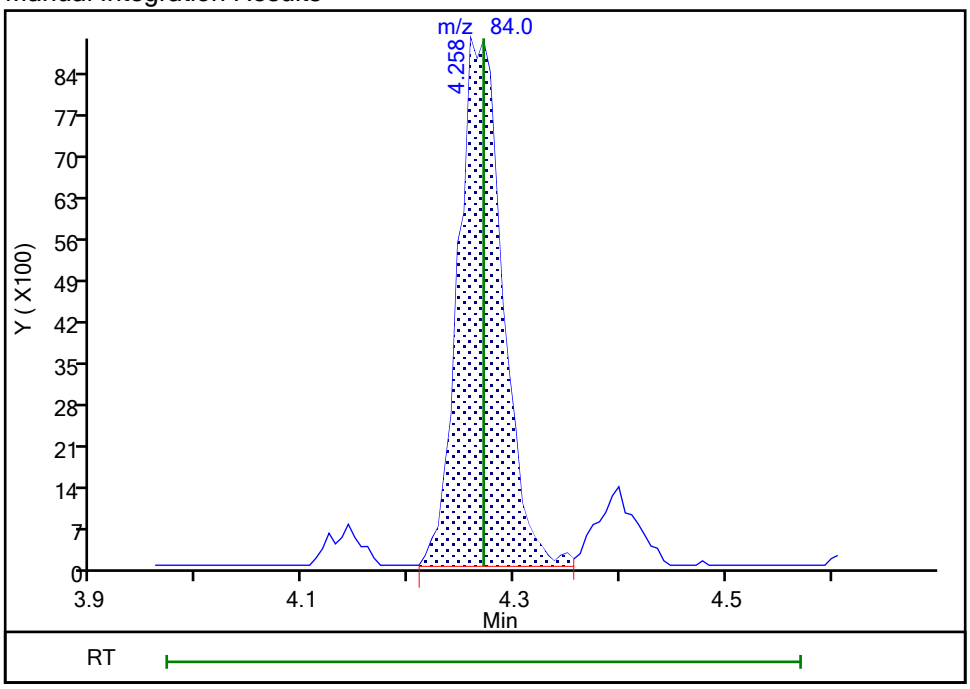
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 26195
Amount: 5.359147
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

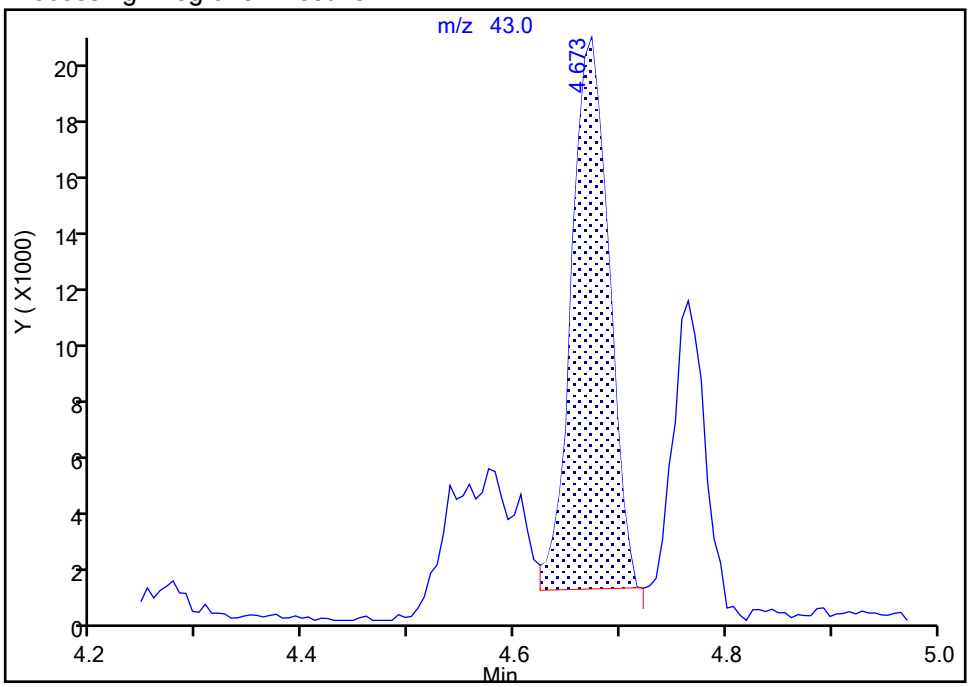
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

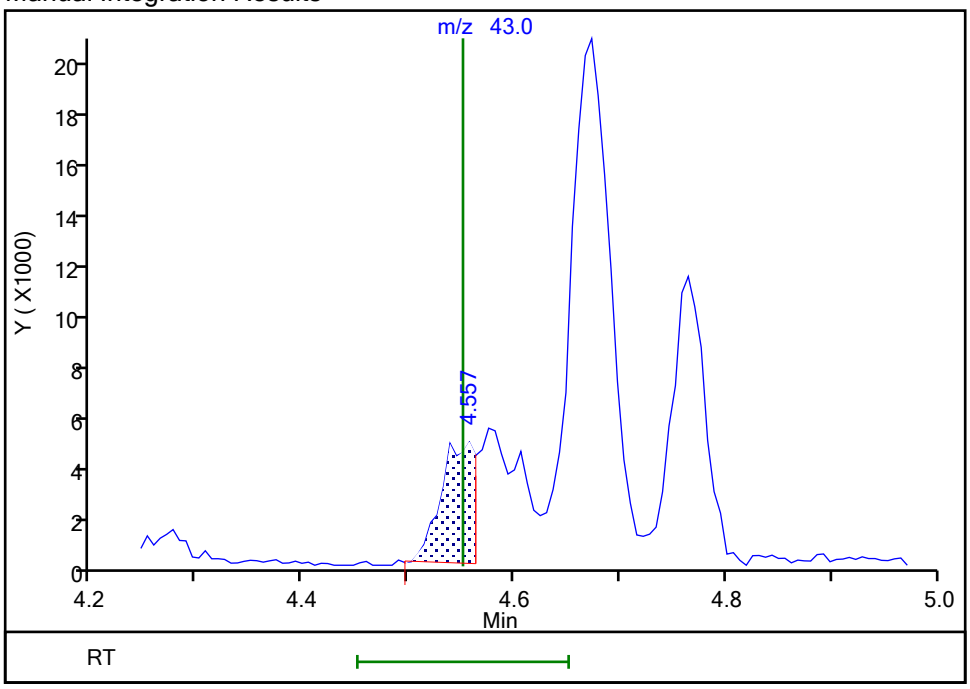
Processing Integration Results

RT: 4.67
Area: 47019
Amount: 120.6029
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 10579
Amount: 116.8039
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:35:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

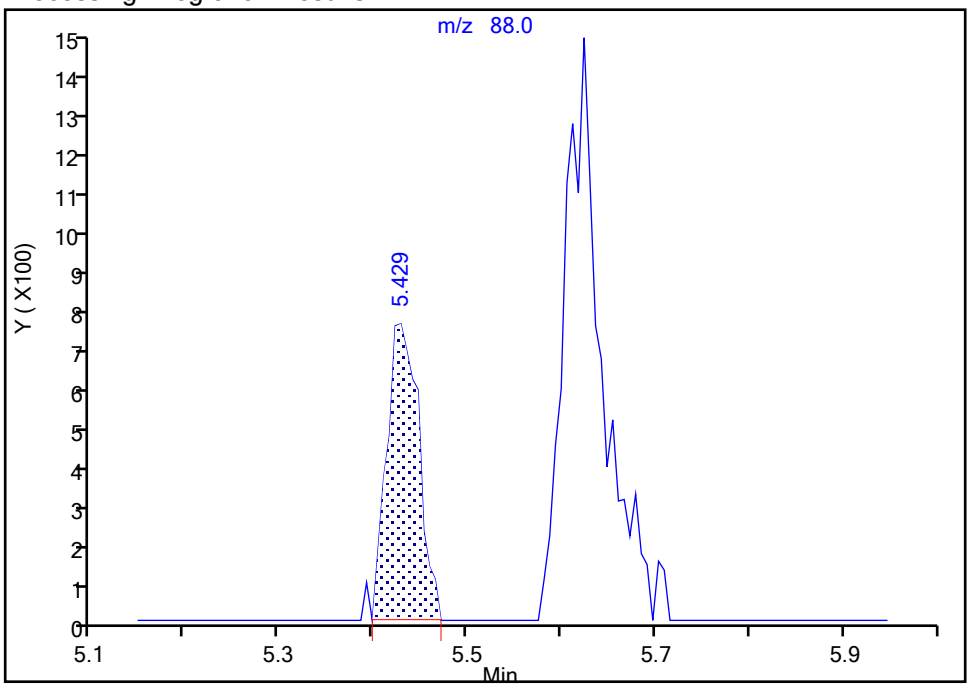
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

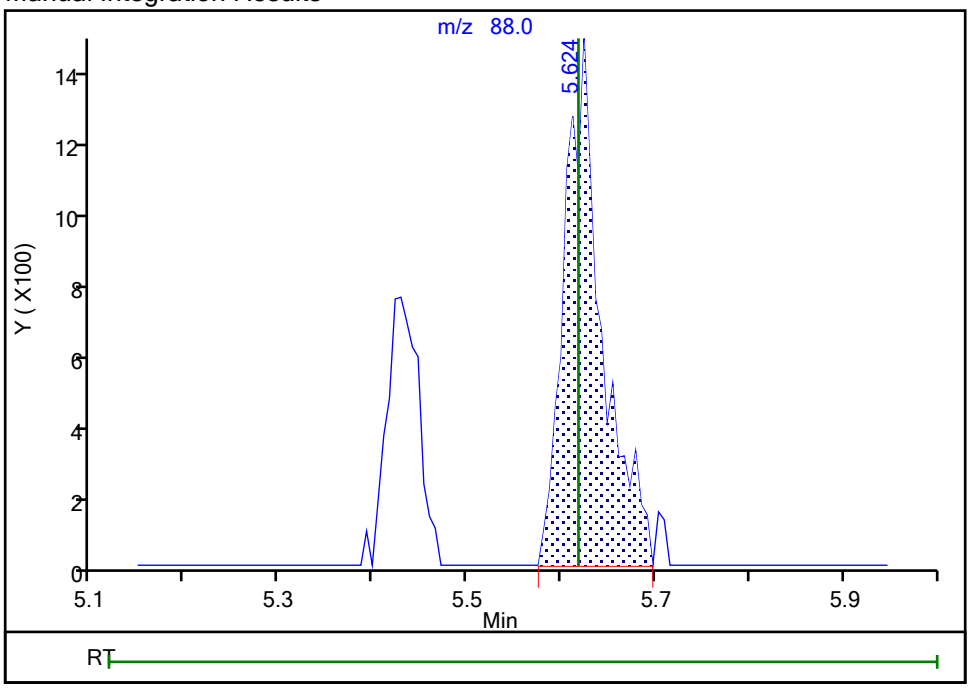
Processing Integration Results

RT: 5.43
Area: 1745
Amount: 101.5721
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 4008
Amount: 101.3031
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

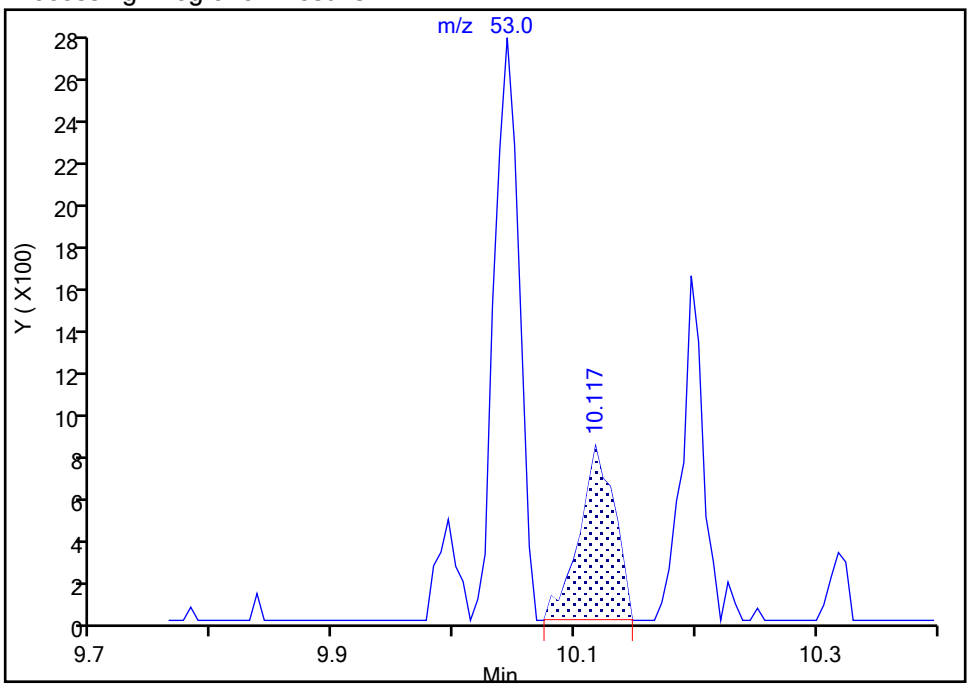
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

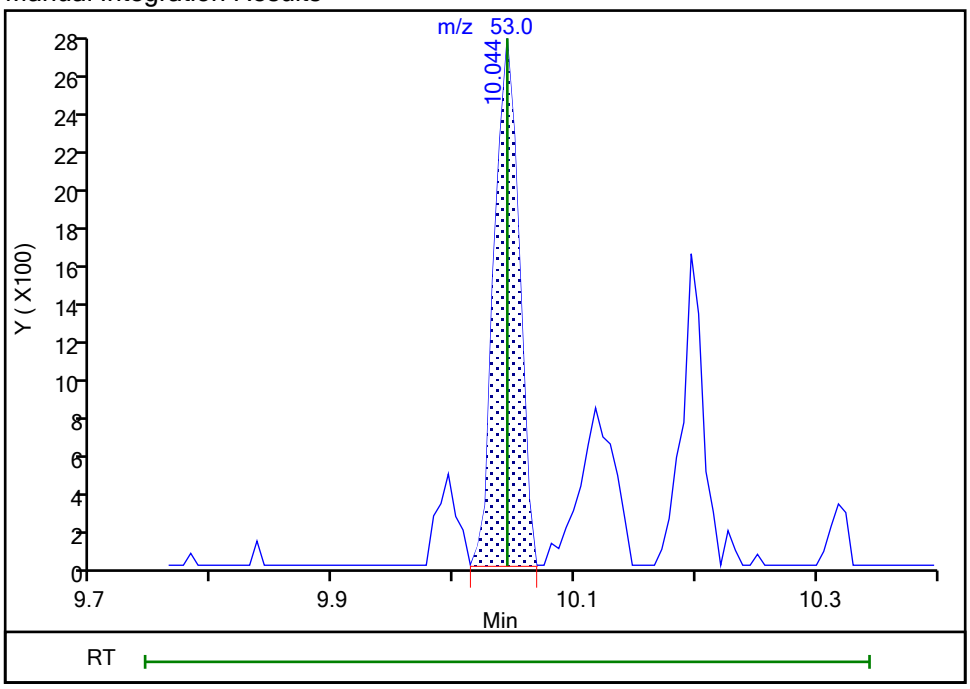
Processing Integration Results

RT: 10.12
Area: 1662
Amount: 2.659807
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 3923
Amount: 4.091967
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

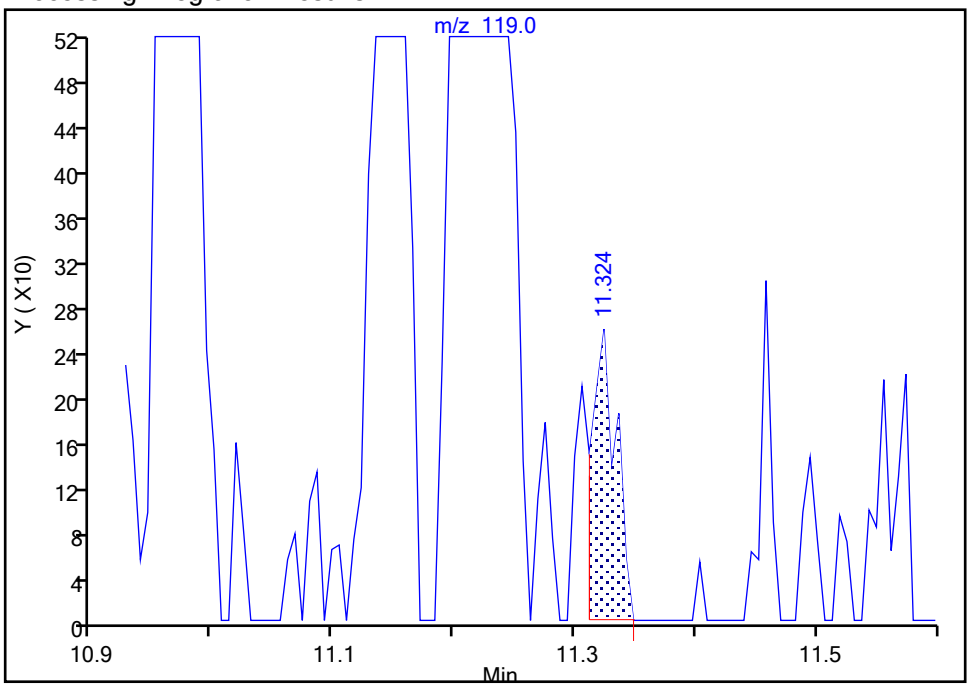
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

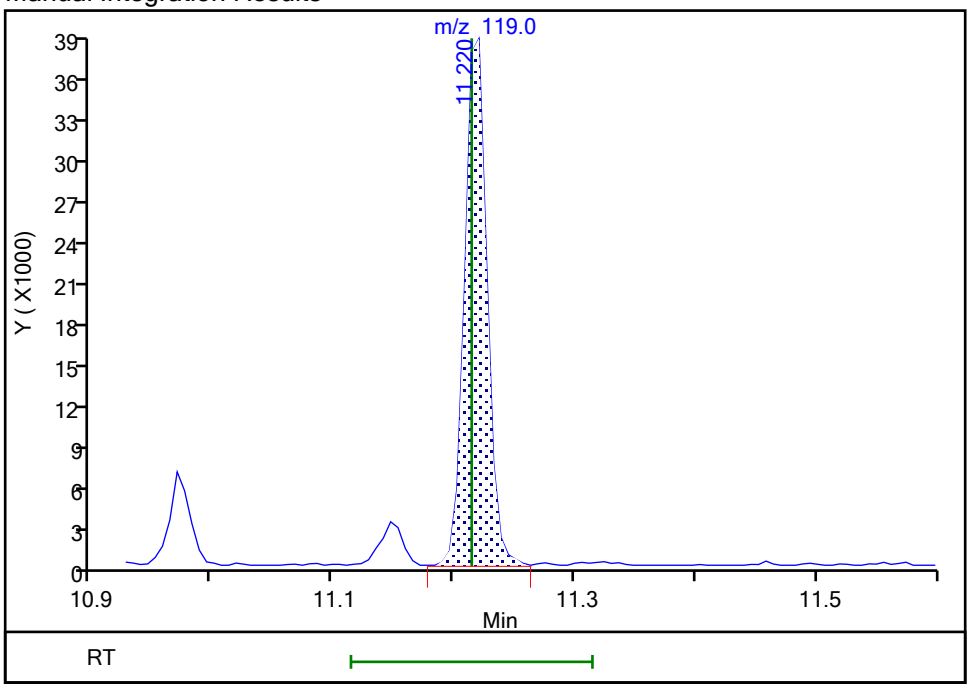
Processing Integration Results

RT: 11.32
Area: 360
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 49589
Amount: 5.266029
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 30-Aug-2024 09:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0180260-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:04 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:59:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	44	1170	20.0	22.4	a
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	51	19442	20.0	27.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	37121	20.0	19.5	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	64	90798	20.0	20.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	13027	20.0	23.9	a
6 Chloromethane	50	1.491	1.491	0.000	99	112662	20.0	20.8	
7 Vinyl chloride	62	1.558	1.558	0.000	97	93409	20.0	19.7	
8 Butadiene	54	1.570	1.570	0.000	96	91514	20.0	20.5	
9 Bromomethane	94	1.820	1.820	0.000	99	69906	20.0	20.9	
10 Chloroethane	64	1.881	1.881	0.000	99	56795	20.0	18.2	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	155424	20.0	19.5	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	56	97371	20.0	20.3	
13 Pentane	72	2.070	2.070	0.000	97	12371	40.0	22.0	
14 Ethanol	46	2.234	2.234	0.000	75	14031	800.0	746.2	
15 Ethyl ether	74	2.234	2.234	0.000	95	45741	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	46358	20.0	14.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	64690	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	94	106189	20.0	19.9	
19 Acrolein	56	2.387	2.387	0.000	97	27263	40.0	42.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	83	39322	20.0	13.5	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	53707	20.0	15.1	
22 Acetone	43	2.497	2.497	0.000	87	98299	100.0	83.5	
23 Iodomethane	142	2.570	2.570	0.000	96	112682	20.0	18.5	
25 Isopropyl alcohol	45	2.588	2.588	0.000	31	32866	200.0	173.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	208546	20.0	16.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	42210	20.0	17.5	
27 Methyl acetate	43	2.722	2.722	0.000	98	116061	40.0	38.9	
28 Cyclopentene	67	2.734	2.734	0.000	92	113930	20.0	15.3	
29 Acetonitrile	41	2.771	2.771	0.000	95	107930	200.0	211.9	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	46509	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	81396	20.0	18.5	
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	92	56492	200.0	186.7	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	214874	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	68954	20.0	18.1	
35 Acrylonitrile	53	3.070	3.070	0.000	95	296415	200.0	200.9	
36 Hexane	57	3.155	3.155	0.000	94	58343	20.0	14.6	
37 Isopropyl ether	45	3.356	3.356	0.000	96	249997	20.0	19.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	100	131331	20.0	18.6	
39 Vinyl acetate	86	3.393	3.393	0.000	100	21364	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	55366	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	237711	20.0	20.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	409216	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	46	20384	20.0	18.8	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	95	78756	20.0	18.2	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	39252	100.0	91.3	
46 Ethyl acetate	70	3.887	3.887	0.000	94	14658	40.0	38.9	
47 Methyl acrylate	55	3.941	3.941	0.000	100	62688	20.0	19.9	
48 Propionitrile	54	4.009	4.009	0.000	98	105890	200.0	198.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	56	18717	40.0	36.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	39394	20.0	18.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	310440	200.0	208.3	
52 Chloroform	83	4.143	4.143	0.000	99	119706	20.0	19.0	
53 Cyclohexane	84	4.271	4.271	0.000	93	71026	20.0	14.6	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	78	81308	20.0	17.5	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181765	50.0	50.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	51314	20.0	16.7	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	85126	20.0	17.8	
58 Isobutyl alcohol	43	4.551	4.551	0.000	89	59457	500.0	587.9	a
59 Isooctane	57	4.582	4.582	0.000	96	163531	20.0	14.6	
60 Benzene	78	4.612	4.612	0.000	96	281551	20.0	18.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209757	50.0	48.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	85	225670	20.0	19.0	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	38158	20.0	19.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	92940	20.0	19.0	
65 n-Heptane	100	4.771	4.771	0.000	95	10281	20.0	15.5	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	750665	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	88	30234	500.0	446.8	
68 Trichloroethene	95	5.228	5.228	0.000	98	65984	20.0	18.5	
69 Methylcyclohexane	83	5.356	5.356	0.000	74	82214	20.0	14.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	7693	20.0	13.1	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	78711	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	34687	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	33958	40.0	40.6	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	14292	400.0	379.2	
74 Dibromomethane	93	5.630	5.630	0.000	95	44051	20.0	19.2	
76 n-Propyl acetate	43	5.648	5.648	0.000	100	94713	20.0	18.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	75848	20.0	18.4	
78 2-Nitropropane	41	6.112	6.112	0.000	76	17241	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	46237	20.0	18.7	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	135521	400.0	390.4	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	107960	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	141420	100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	708732	50.0	49.6	
84 Toluene	91	6.587	6.587	0.000	93	285919	20.0	17.1	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	92220	20.0	19.3	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	80867	20.0	16.3	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	53882	20.0	19.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	63942	20.0	18.2	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	108095	20.0	19.6	
90 2-Hexanone	43	7.423	7.423	0.000	97	235893	100.0	103.2	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	95962	20.0	19.1	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	47553	20.0	18.2	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	59584	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	533106	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	186358	20.0	19.2	
96 Ethylbenzene	106	8.410	8.410	0.000	99	99148	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	92	48055	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	121807	20.0	19.3	
99 o-Xylene	106	9.087	9.087	0.000	94	126998	20.0	19.8	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	43763	20.0	20.5	
101 Styrene	104	9.123	9.123	0.000	95	204083	20.0	20.1	
102 Bromoform	173	9.367	9.367	0.000	96	27602	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	109884	20.0	14.2	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	274104	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	94	223148	50.0	49.8	
106 Bromobenzene	156	9.898	9.898	0.000	98	81261	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	82414	20.0	20.1	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	361817	20.0	18.8	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	97	23342	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	82	16928	20.0	17.9	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	256171	20.0	19.0	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	310997	20.0	19.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	256000	20.0	19.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	255786	20.0	19.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	92	65832	20.0	12.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	205306	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	270226	20.0	19.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	314892	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	158427	20.0	19.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	282371	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	297836	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	97	160218	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	295403	20.0	19.6	
124 Benzyl chloride	91	11.086	11.086	0.000	98	115528	20.0	19.8	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	290937	20.0	20.3	
126 p-Diethylbenzene	119	11.214	11.214	0.000	93	182074	20.0	19.6	a
127 n-Butylbenzene	92	11.239	11.239	0.000	98	152024	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	162977	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	290271	20.0	20.0	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	91	9829	20.0	16.8	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	135169	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	127533	20.0	20.5	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	59875	20.0	18.7	
134 Naphthalene	128	12.775	12.775	0.000	99	299067	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	124400	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.3	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.4	
S 140 Total BTEX	1				0		100.0	93.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D

Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17

Lims ID: STD20

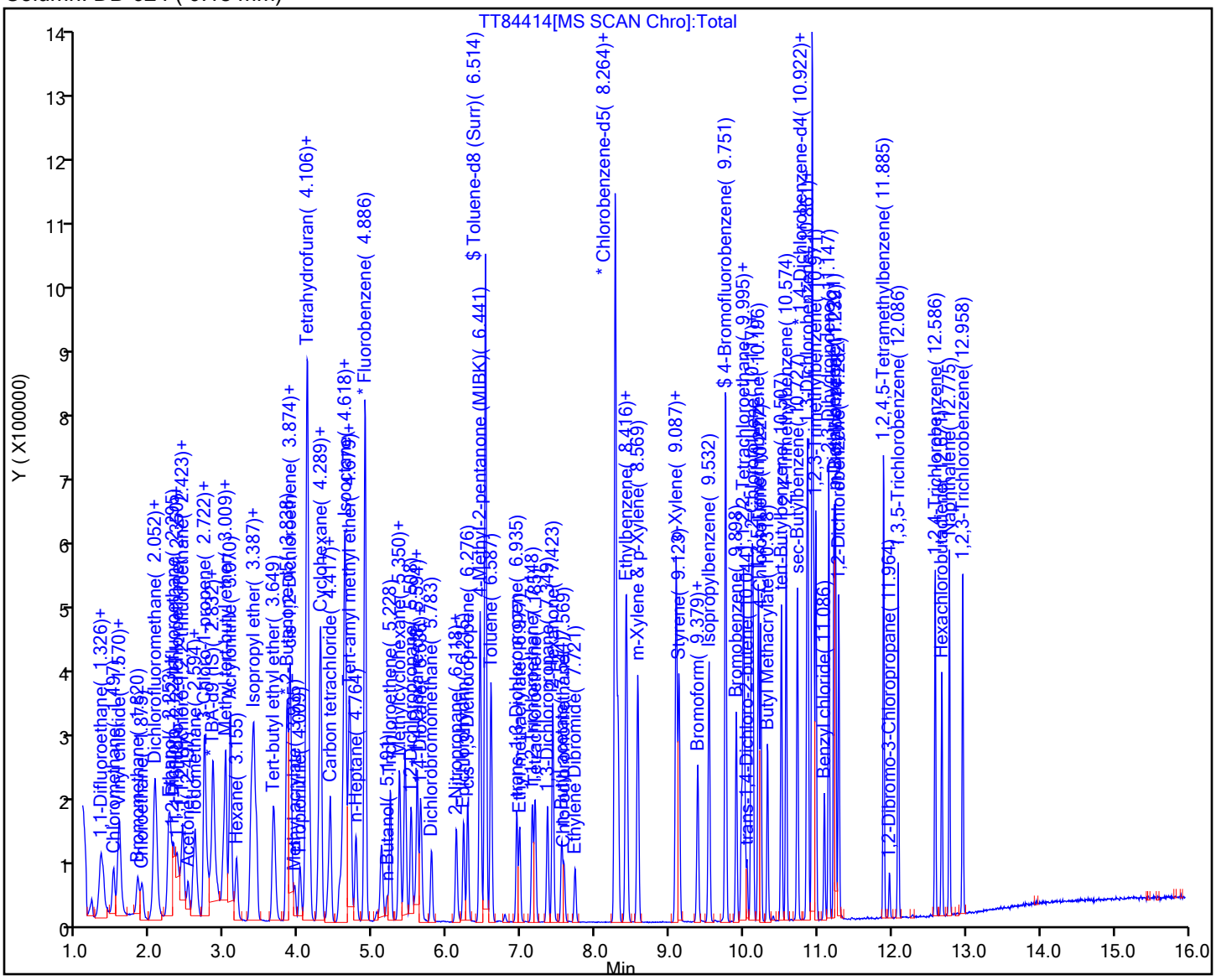
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

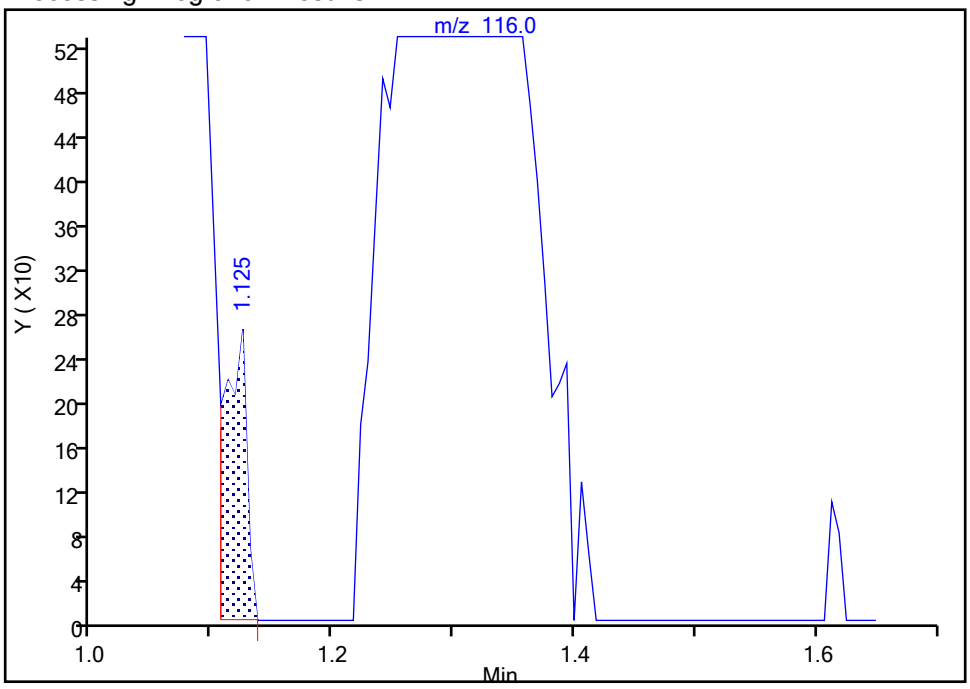
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

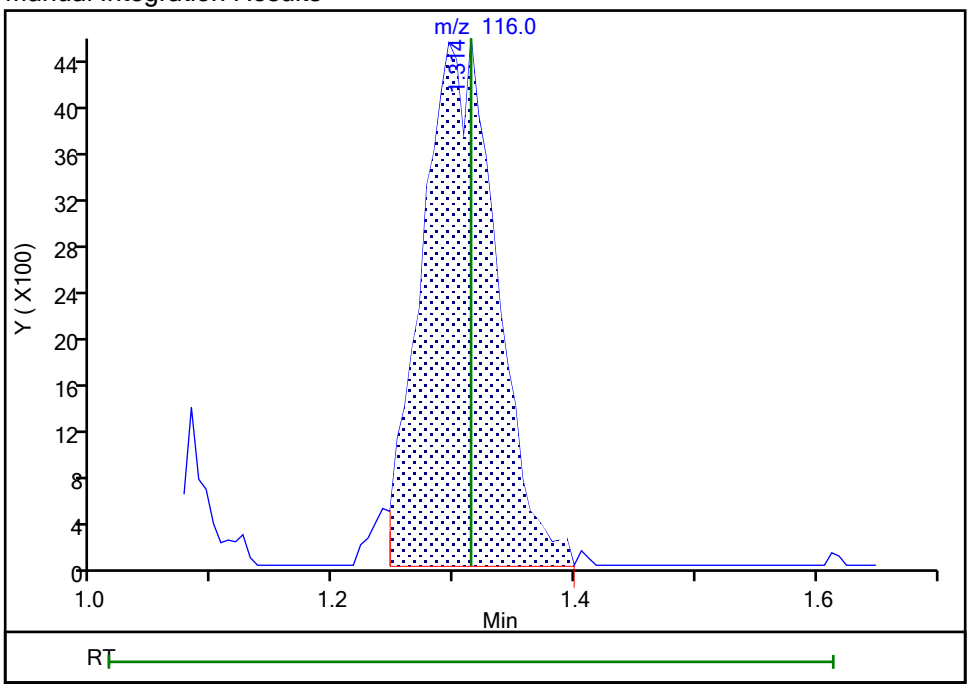
Processing Integration Results

RT: 1.12
Area: 344
Amount: 0.906463
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 19442
Amount: 27.125825
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

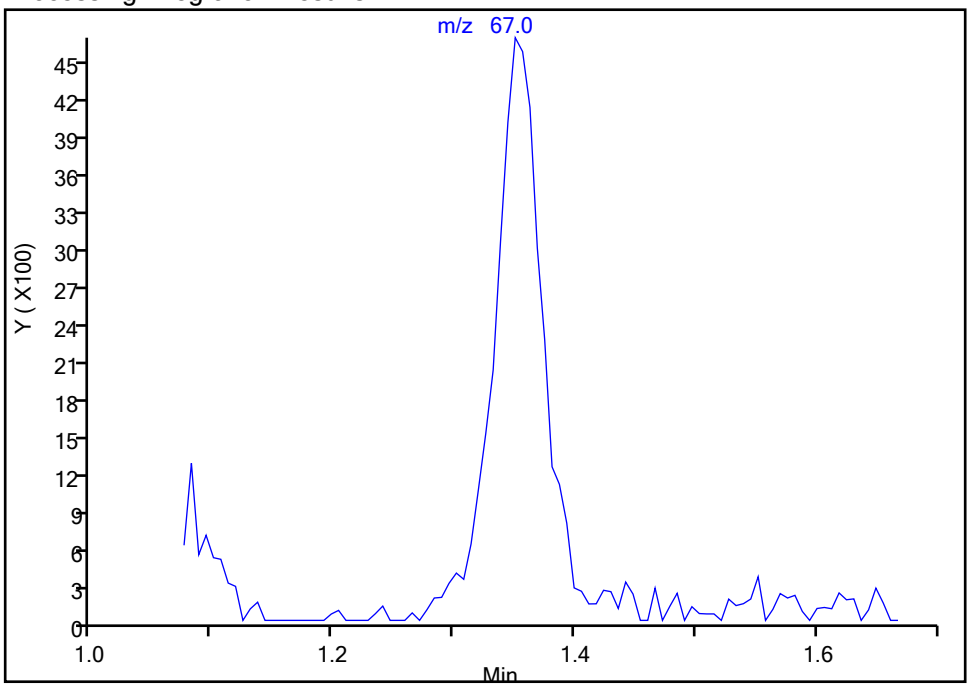
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

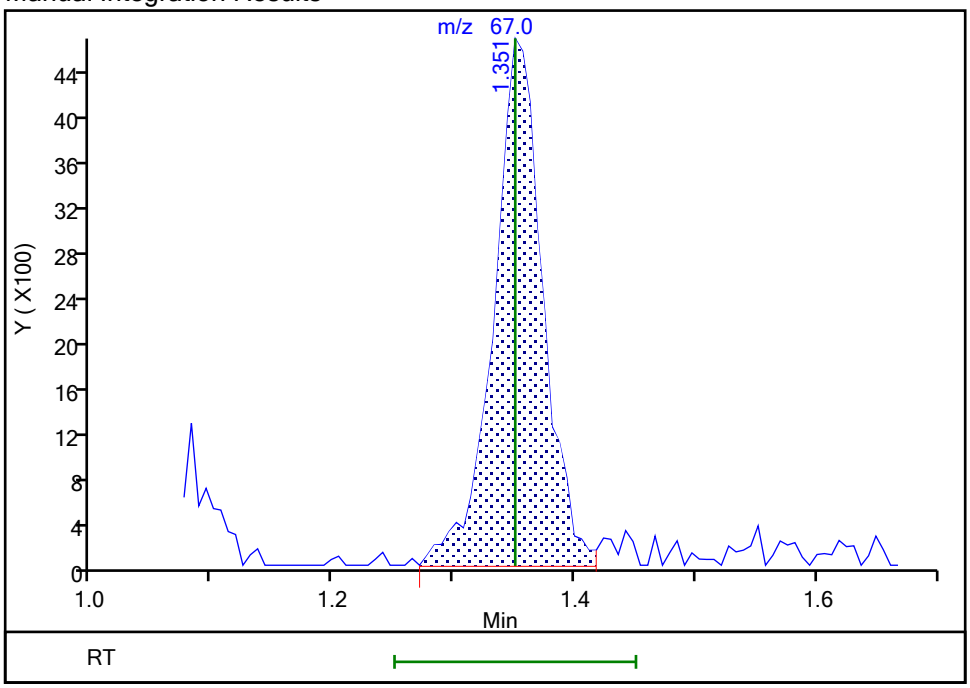
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 13027
Amount: 23.870588
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

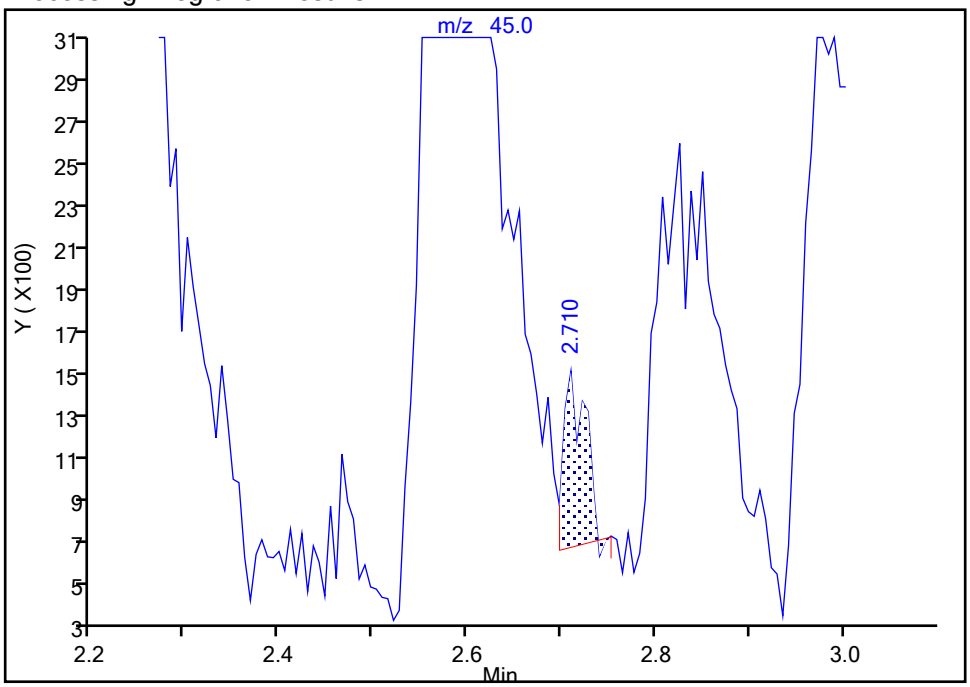
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

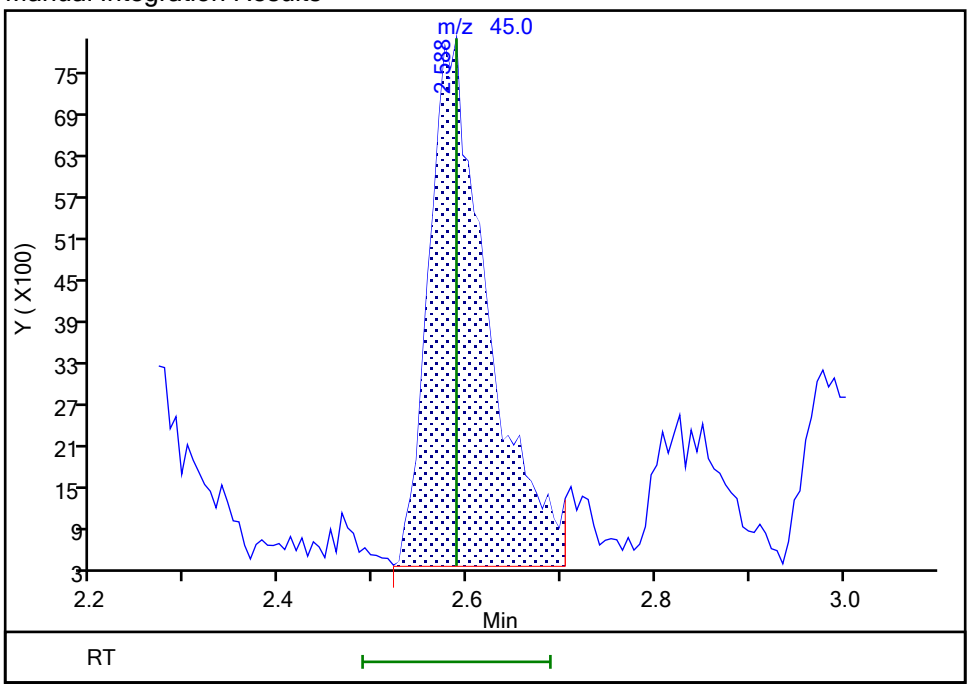
Processing Integration Results

RT: 2.71
Area: 1258
Amount: 1.318238
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 32866
Amount: 173.7615
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

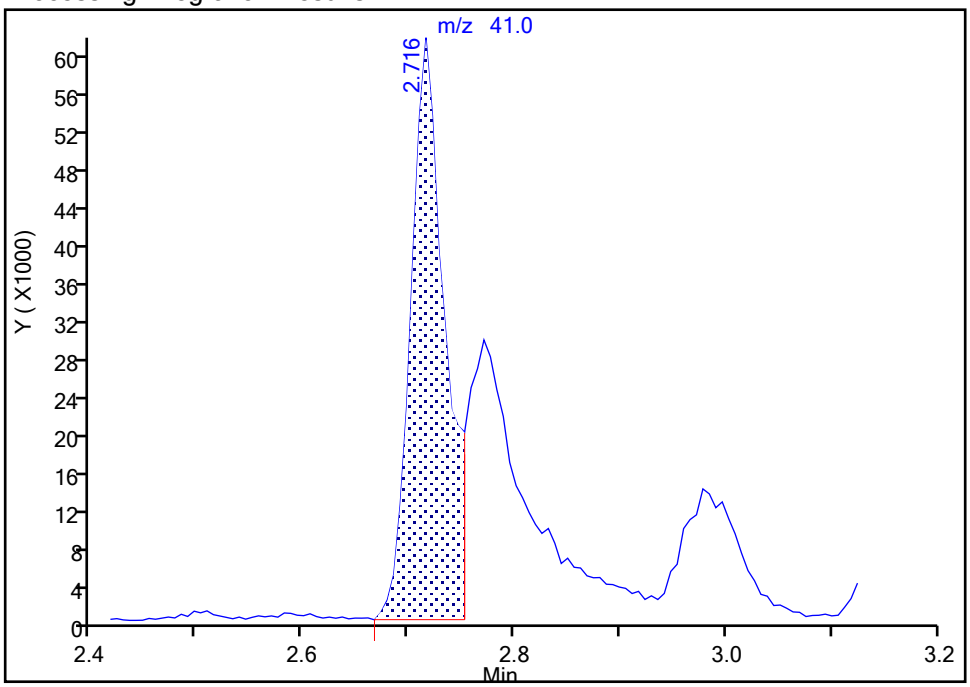
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

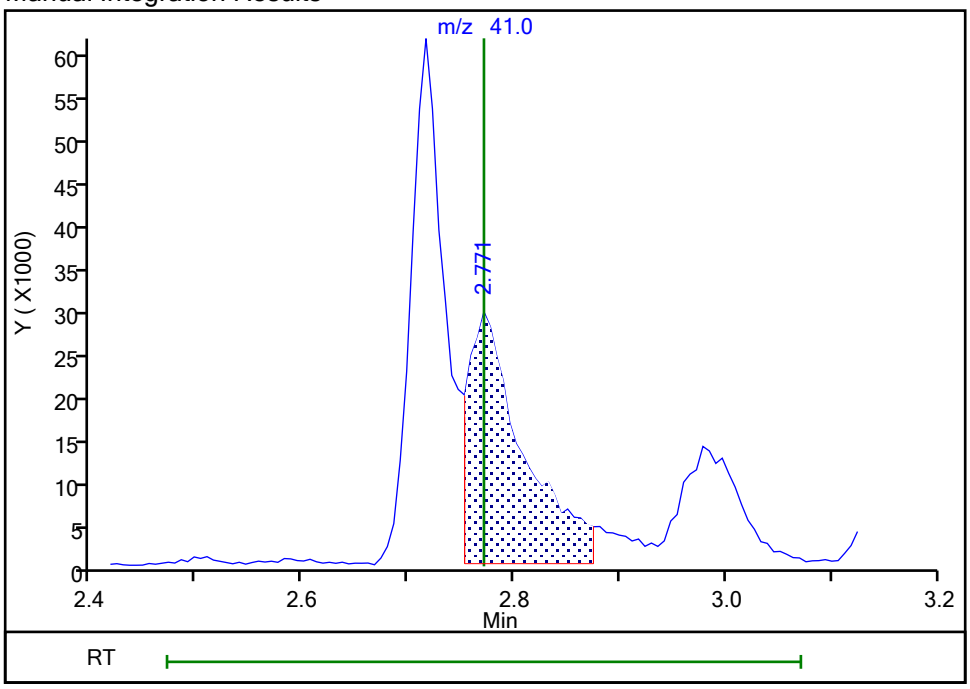
Processing Integration Results

RT: 2.72
Area: 138724
Amount: 213.4372
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 107930
Amount: 211.8852
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

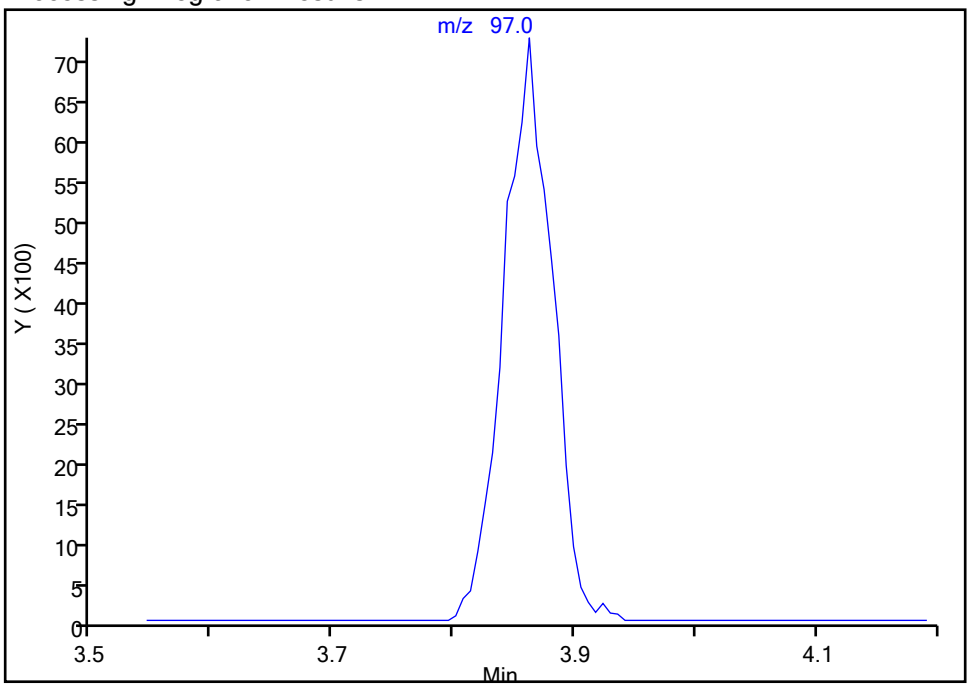
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

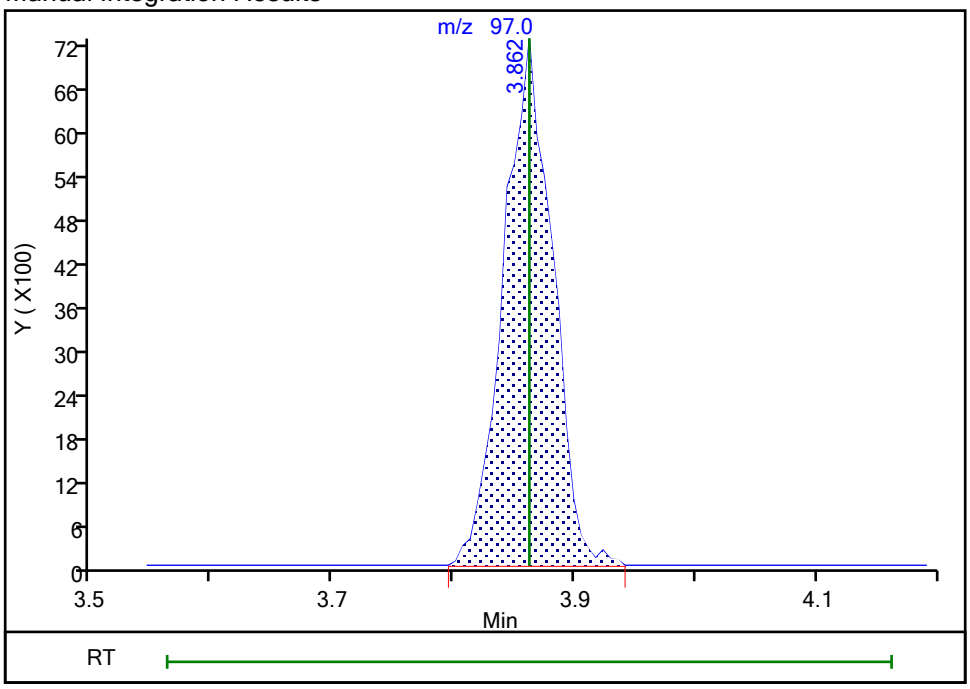
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 20384
Amount: 18.766982
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

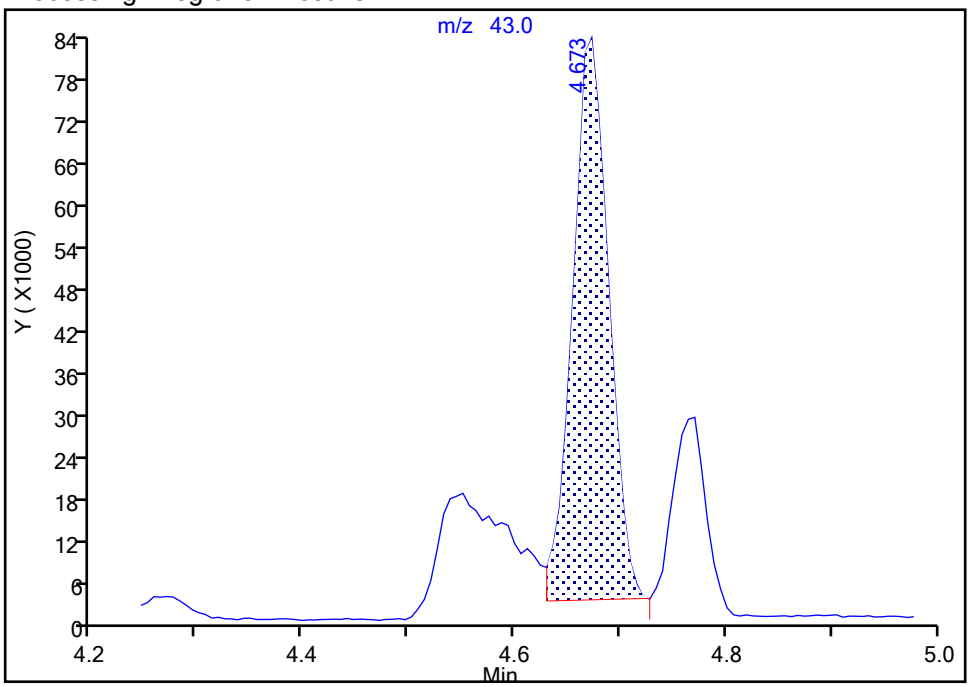
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

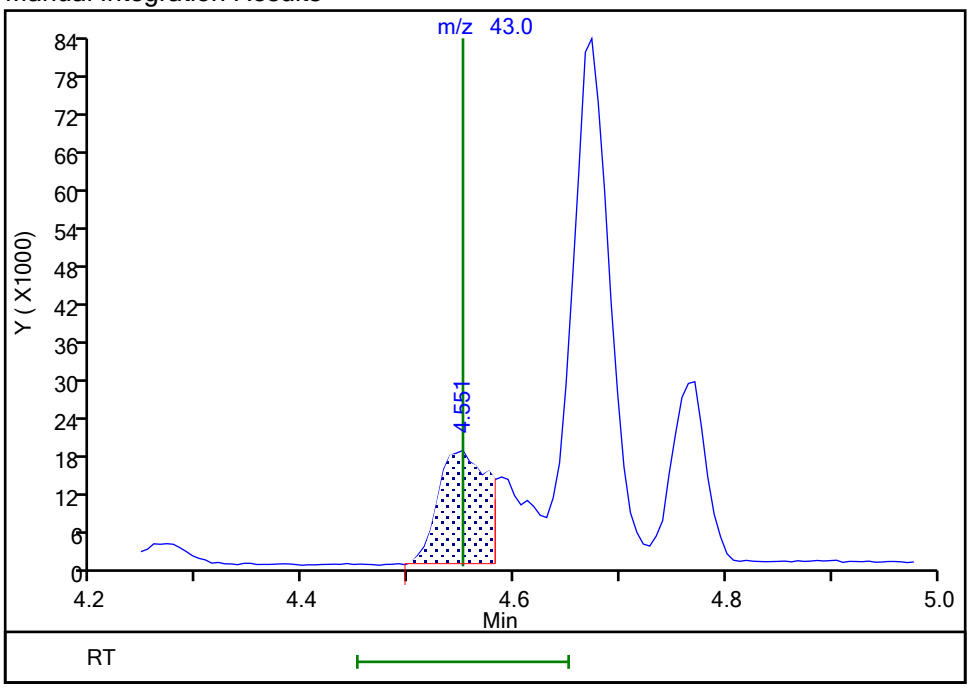
Processing Integration Results

RT: 4.67
Area: 190670
Amount: 500.1880
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 59457
Amount: 587.9431
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

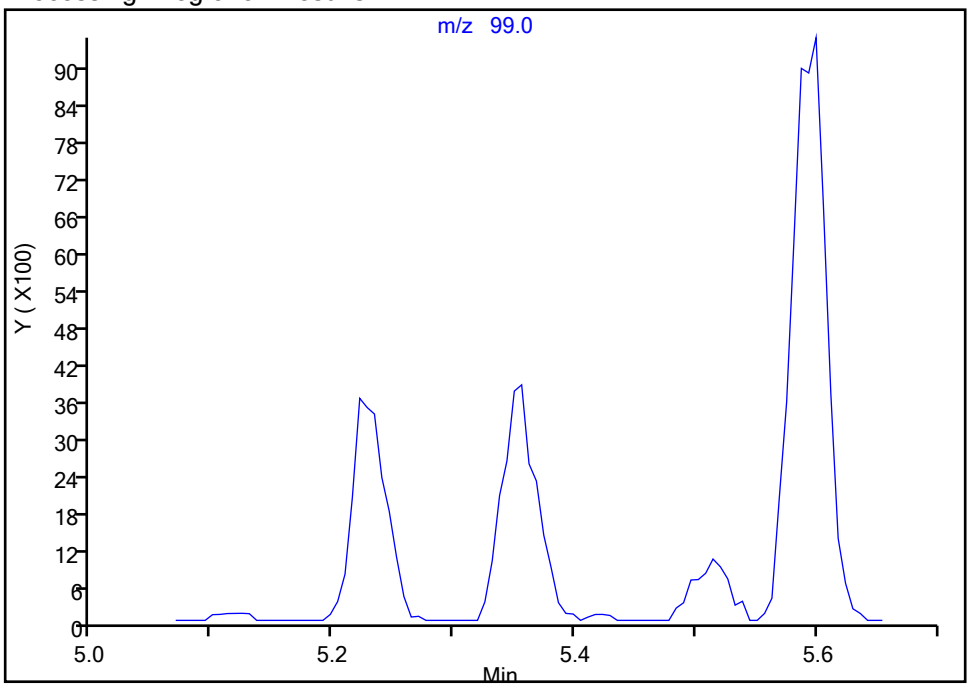
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

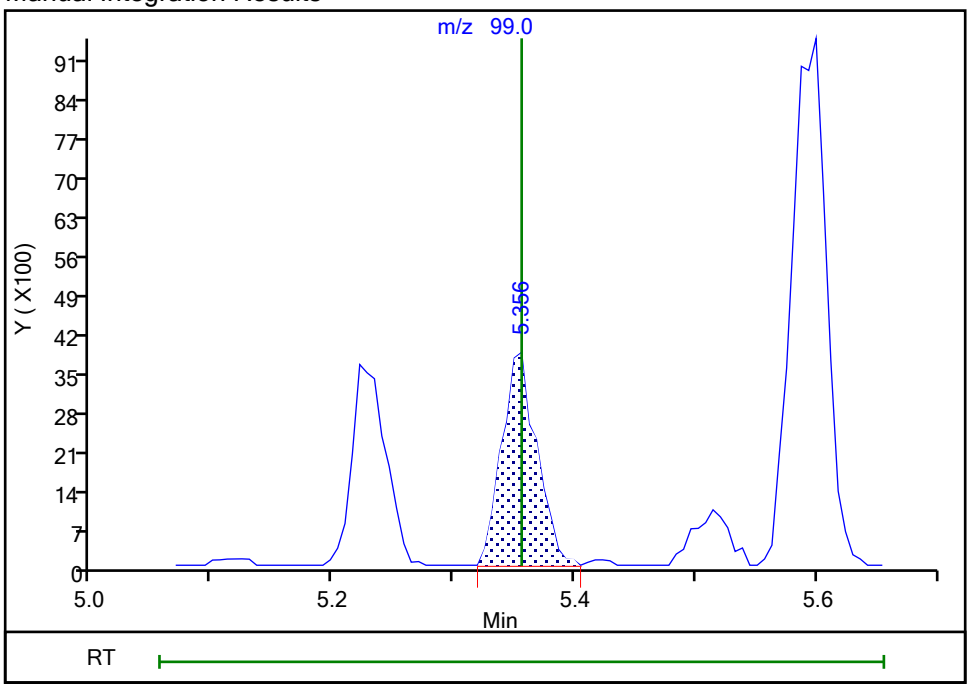
Not Detected
Expected RT: 5.36

Processing Integration Results



Manual Integration Results

RT: 5.36
Area: 7693
Amount: 13.123373
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:57:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

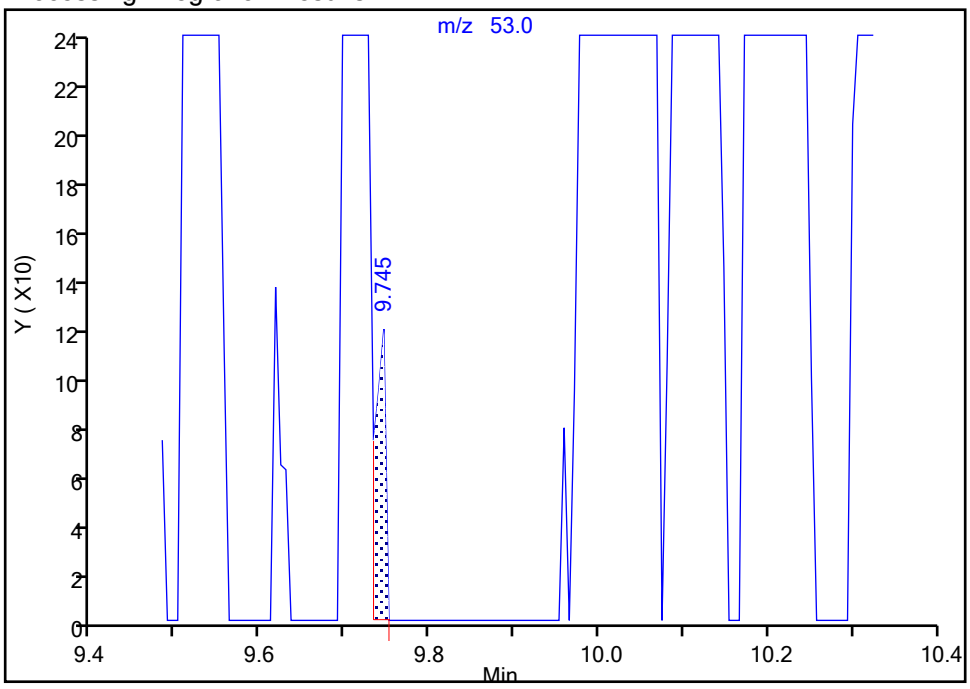
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

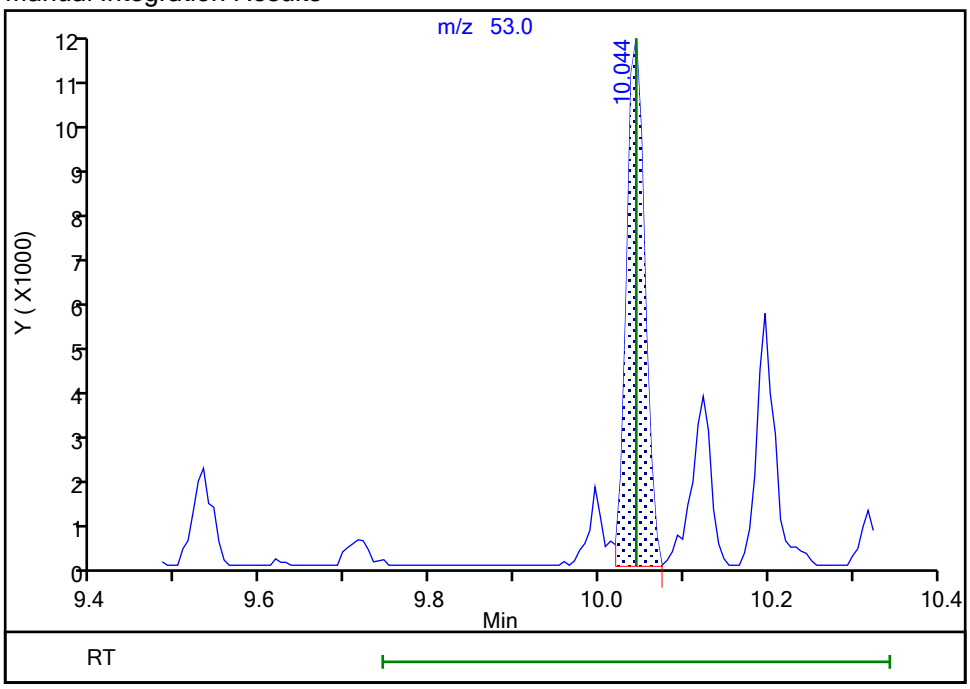
Processing Integration Results

RT: 9.75
Area: 104
Amount: 0.174153
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 16928
Amount: 17.889084
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

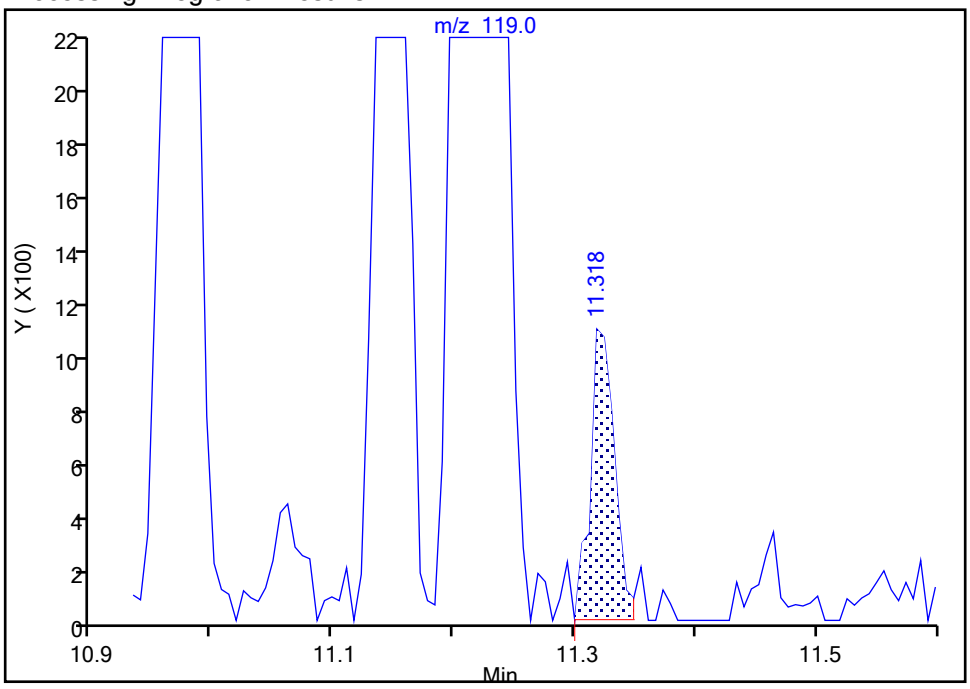
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

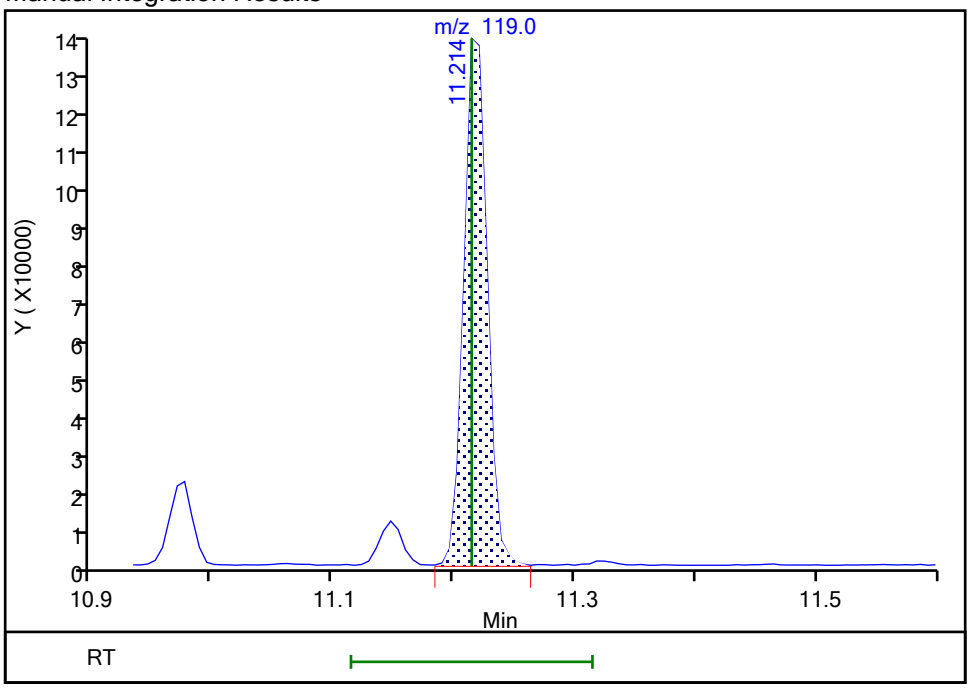
Processing Integration Results

RT: 11.32
Area: 1519
Amount: 0.219427
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 182074
Amount: 19.589099
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Aug-2024 09:45:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0180260-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:28 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:29:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	71	4253	50.0	69.5	
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	83	53801	50.0	71.8	a
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	92	98599	50.0	51.2	a
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	67	207020	50.0	45.3	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	34831	50.0	62.2	
6 Chloromethane	50	1.491	1.491	0.000	98	282674	50.0	51.6	
7 Vinyl chloride	62	1.564	1.558	0.006	97	228967	50.0	47.6	
8 Butadiene	54	1.570	1.570	0.000	97	216587	50.0	48.0	
9 Bromomethane	94	1.820	1.820	0.000	99	172000	50.0	50.7	
10 Chloroethane	64	1.881	1.881	0.000	100	141736	50.0	44.7	
11 Dichlorofluoromethane	67	2.040	2.039	0.001	99	395205	50.0	48.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	50	233053	50.0	47.9	
13 Pentane	72	2.064	2.070	-0.006	97	60290	100.0	109.2	
14 Ethanol	46	2.229	2.234	-0.006	78	35649	2000.0	1879.4	
15 Ethyl ether	74	2.229	2.234	-0.006	94	121906	50.0	53.2	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	96	172034	50.0	54.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	169711	50.0	55.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	92	274264	50.0	50.7	
19 Acrolein	56	2.393	2.387	0.006	95	64502	100.0	98.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	94	162278	50.0	55.0	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	96	172977	50.0	48.1	
22 Acetone	43	2.503	2.497	0.006	86	290517	250.0	237.2	
23 Iodomethane	142	2.570	2.570	0.000	97	326506	50.0	52.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	31	101890	500.0	482.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	668760	50.0	52.1	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	97	126041	50.0	51.6	
27 Methyl acetate	43	2.722	2.722	0.000	100	310991	100.0	102.9	
28 Cyclopentene	67	2.735	2.734	0.000	94	406899	50.0	53.9	
29 Acetonitrile	41	2.771	2.771	0.000	95	314535	500.0	593.2	
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	51962	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	95	217627	50.0	48.9	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	180527	500.0	534.1	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	563175	50.0	50.8	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	199528	50.0	51.6	
35 Acrylonitrile	53	3.070	3.070	0.000	95	784684	500.0	524.9	
36 Hexane	57	3.155	3.155	0.000	94	262399	50.0	64.9	
37 Isopropyl ether	45	3.356	3.356	0.000	95	680621	50.0	51.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	368161	50.0	51.4	
39 Vinyl acetate	86	3.393	3.393	0.000	100	61212	100.0	104.1	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	170832	50.0	52.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	621479	50.0	52.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	425965	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	94	59779	50.0	54.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	94	220273	50.0	50.4	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	107537	250.0	240.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	39794	100.0	101.5	
47 Methyl acrylate	55	3.942	3.941	0.001	99	172034	50.0	53.8	
48 Propionitrile	54	4.009	4.009	0.000	98	283613	500.0	476.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	50643	100.0	94.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	107921	50.0	50.5	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	827560	500.0	548.1	
52 Chloroform	83	4.143	4.143	0.000	99	327502	50.0	51.3	
53 Cyclohexane	84	4.271	4.271	0.000	93	274015	50.0	55.5	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	98	246535	50.0	52.4	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	185359	50.0	50.4	
56 Carbon tetrachloride	117	4.393	4.393	0.000	98	172948	50.0	55.7	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	97	258246	50.0	53.4	
58 Isobutyl alcohol	43	4.551	4.551	0.000	95	157092	1250.0	1390.4	
59 Isooctane	57	4.588	4.582	0.006	97	662562	50.0	58.3	
60 Benzene	78	4.612	4.612	0.000	97	789641	50.0	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	220651	50.0	50.7	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	91	659971	50.0	54.7	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	105081	50.0	52.9	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	96	247739	50.0	49.9	
65 n-Heptane	100	4.765	4.771	-0.006	94	43952	50.0	65.5	
* 66 Fluorobenzene	96	4.887	4.886	0.001	98	760583	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	90	95838	1250.0	1267.6	
68 Trichloroethene	95	5.228	5.228	0.000	99	192609	50.0	53.4	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	306689	50.0	54.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	27410	50.0	47.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	209351	50.0	51.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38624	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	96525	100.0	113.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	40830	1000.0	972.8	
74 Dibromomethane	93	5.636	5.630	0.006	96	116441	50.0	50.2	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	261956	50.0	50.1	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	210962	50.0	50.5	
78 2-Nitropropane	41	6.112	6.112	0.000	75	48209	100.0	96.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	130234	50.1	52.0	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	369479	1000.0	1022.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.000	92	308760	50.0	53.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	398487	250.0	267.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	724540	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	94	786819	50.0	46.4	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	259110	50.0	53.7	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	91	244497	50.0	48.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	143222	50.0	51.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	187252	50.0	52.7	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	288130	50.0	51.5	
90 2-Hexanone	43	7.423	7.423	0.001	97	657031	250.0	276.2	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	289879	50.0	56.9	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	144311	50.0	54.5	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	164226	50.0	52.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	539727	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	512880	50.0	52.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	282468	50.0	53.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	150105	50.0	52.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	345782	50.0	54.3	
99 o-Xylene	106	9.087	9.087	0.000	94	350433	50.0	53.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	141751	50.0	65.7	
101 Styrene	104	9.124	9.123	0.001	95	569661	50.0	55.3	
102 Bromoform	173	9.373	9.367	0.006	97	86385	50.0	54.8	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	362356	50.0	45.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	790679	50.0	53.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	229236	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	98	226091	50.0	51.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	224690	50.0	53.0	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	1031101	50.0	51.8	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	62032	50.0	51.3	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	55143	50.0	56.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	709689	50.0	50.8	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	868359	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	720436	50.0	52.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	707720	50.0	52.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	237463	50.0	44.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	611290	50.0	52.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	759181	50.0	52.8	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	935405	50.0	53.2	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	439369	50.0	51.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	97	815553	50.0	54.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	308318	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	95	439317	50.0	51.4	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	824614	50.0	52.8	
124 Benzyl chloride	91	11.087	11.086	0.001	99	356575	50.0	59.0	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	793118	50.0	53.4	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	521107	50.0	54.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	440576	50.0	53.4	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	430887	50.0	51.1	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	803294	50.0	53.4	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.000	94	32290	50.0	51.6	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	369501	50.0	51.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	353761	50.0	54.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	175312	50.0	52.9	
134 Naphthalene	128	12.775	12.775	0.000	99	822459	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	343502	50.0	51.9	
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.0	
S 137 Xylenes, Total	100				0		100.0	108.1	
S 139 1,3-Dichloropropene, Total	1				0		100.0	107.5	
S 140 Total BTEX	1				0		250.0	257.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00173	Amount Added:	10.00	Units: uL	
524FREONS_00023	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	50.00	Units: uL	
GASES Li_00600	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D

Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17

Lims ID: STD50

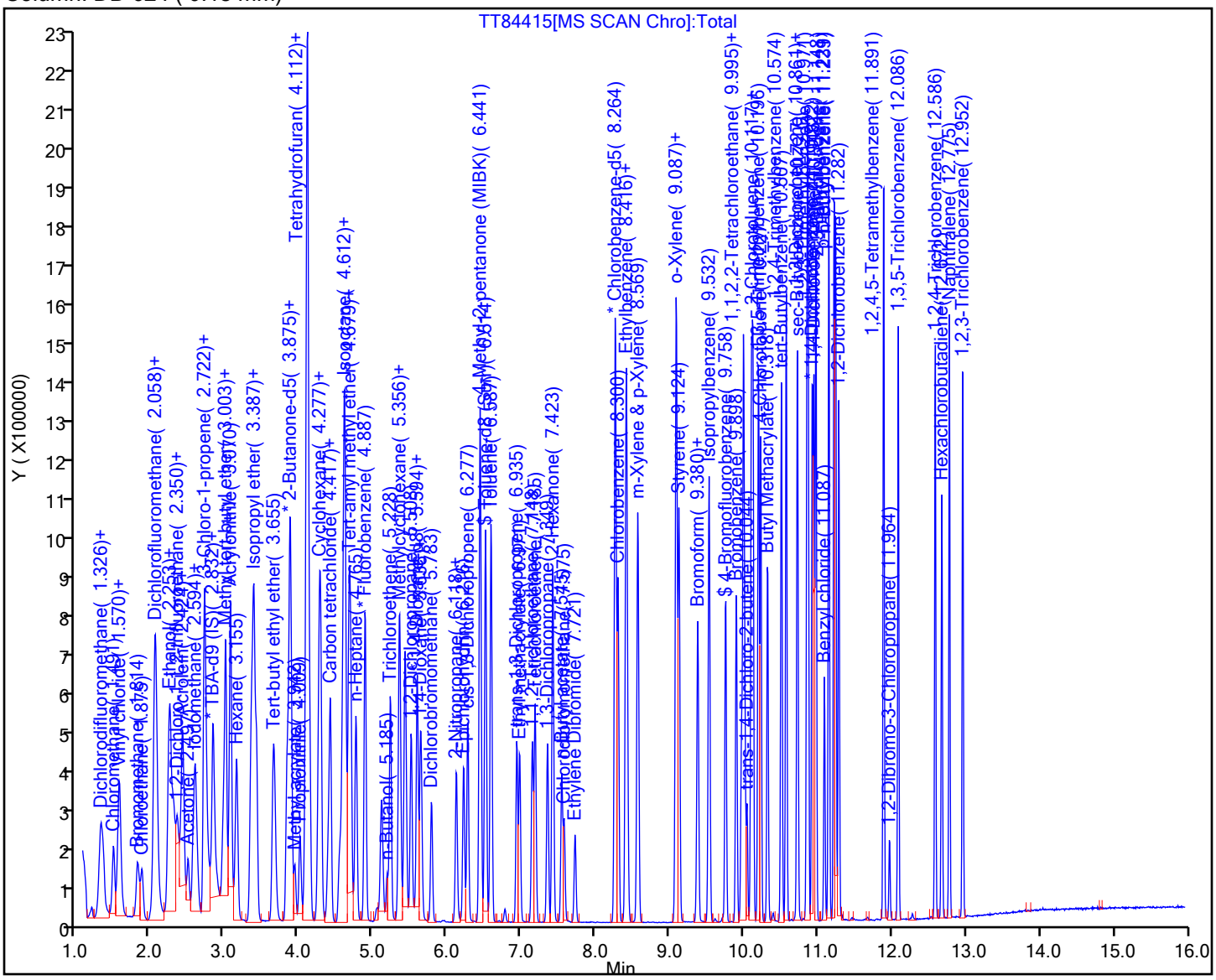
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

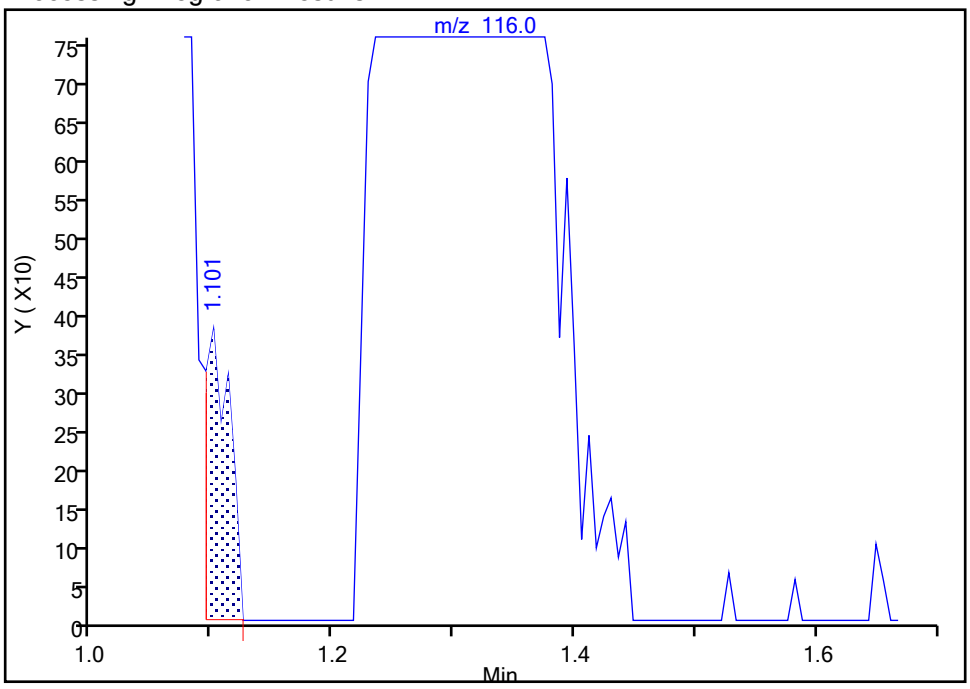
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Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

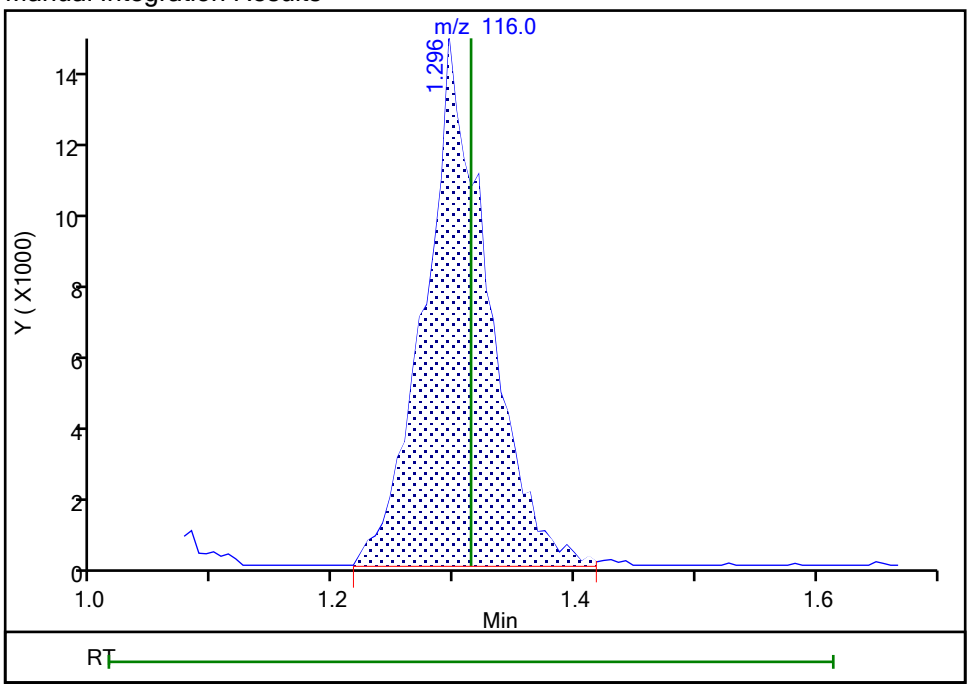
Processing Integration Results

RT: 1.10
Area: 532
Amount: 0.878278
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 53801
Amount: 71.751363
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:11:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

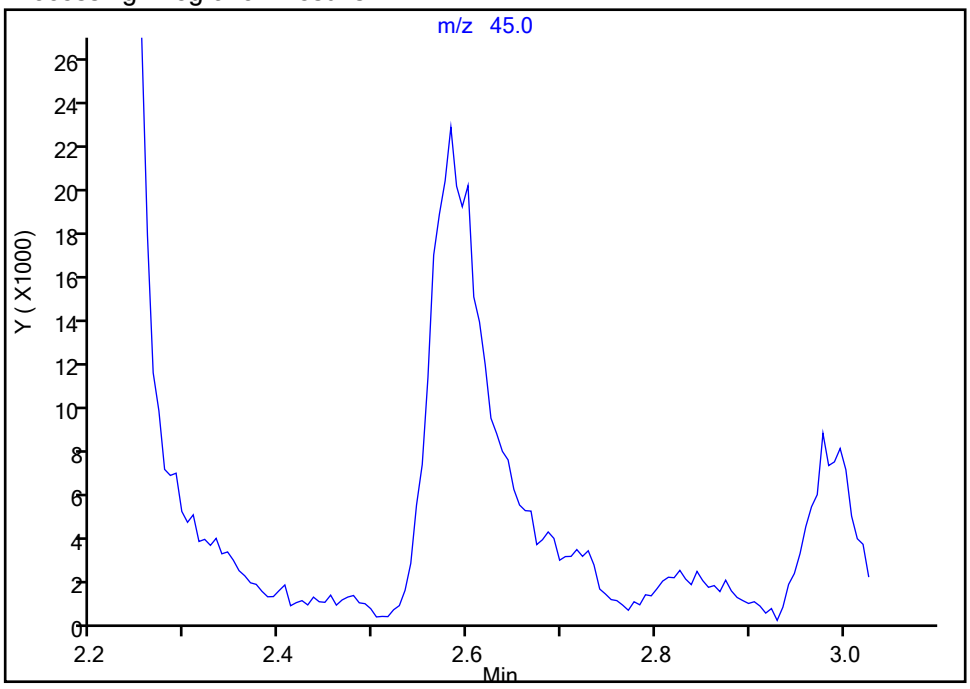
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Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

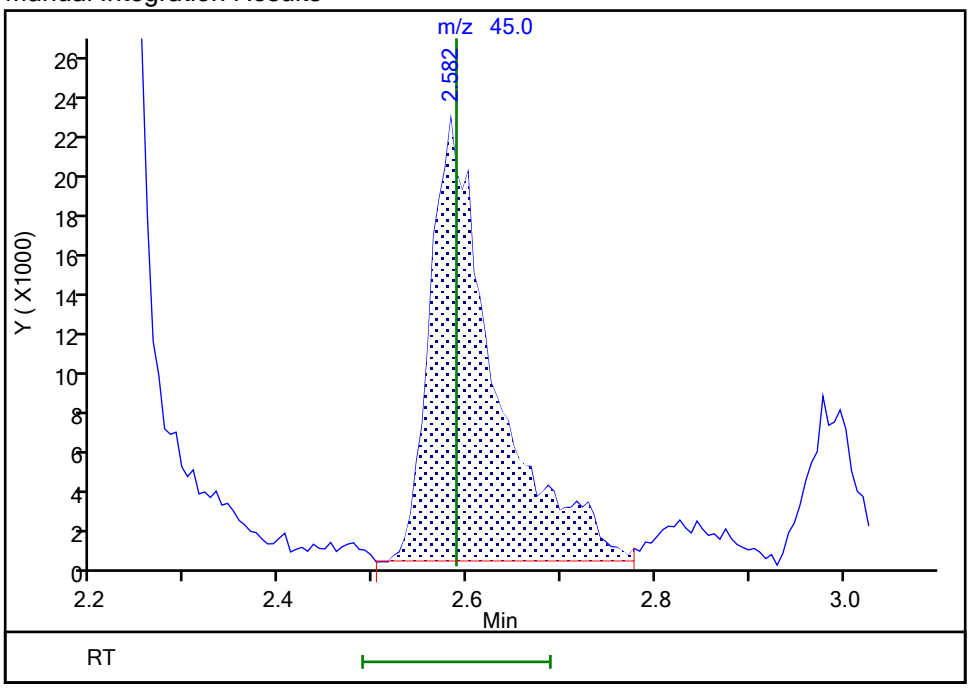
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.58
Area: 101890
Amount: 482.1581
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:28:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Aug-2024 10:04:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0180260-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:31:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	86	16971	200.0	195.5	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	94	162110	200.0	192.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	331859	200.0	166.3	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	78	1042245	200.0	219.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	95	118499	200.0	195.2	
6 Chloromethane	50	1.491	1.491	0.000	99	1150107	200.0	202.4	
7 Vinyl chloride	62	1.558	1.558	0.000	98	970397	200.0	194.6	
8 Butadiene	54	1.576	1.570	0.006	97	942423	200.0	201.2	
9 Bromomethane	94	1.820	1.820	0.000	99	672942	200.0	191.2	
10 Chloroethane	64	1.881	1.881	0.000	100	566334	200.0	172.3	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	1553847	200.0	185.1	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	1010002	200.0	200.2	
13 Pentane	72	2.070	2.070	0.000	96	204922	400.0	399.5	
14 Ethanol	46	2.229	2.234	-0.005	89	161235	8000.0	8823.5	
15 Ethyl ether	74	2.235	2.234	0.001	94	451936	200.0	192.6	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	624277	200.0	190.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	92	609493	200.0	191.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	988297	200.0	176.2	
19 Acrolein	56	2.393	2.387	0.006	94	130687	200.0	192.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	658910	200.0	215.3	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	650894	200.0	174.6	
22 Acetone	43	2.503	2.497	0.006	88	1294320	1000.0	1012.0	
23 Iodomethane	142	2.576	2.570	0.006	97	1167619	200.0	182.1	
25 Isopropyl alcohol	45	2.588	2.588	0.000	90	419842	2000.0	1947.4	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	2030726	200.0	152.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	98	496313	200.0	195.8	
27 Methyl acetate	43	2.722	2.722	0.000	99	1149438	400.0	366.7	
28 Cyclopentene	67	2.741	2.734	0.007	93	1374648	200.0	175.7	
29 Acetonitrile	41	2.771	2.771	0.000	98	927126	2000.0	1674.5	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	53011	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	823038	200.0	178.3	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	684533	2000.0	1985.2	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	2229557	200.0	193.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	742155	200.0	185.2	
35 Acrylonitrile	53	3.076	3.070	0.006	94	2917096	2000.0	1881.6	
36 Hexane	57	3.155	3.155	0.000	94	925192	200.0	220.8	
37 Isopropyl ether	45	3.356	3.356	0.000	94	2572298	200.0	186.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	1402859	200.0	188.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	268759	400.0	437.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	664236	200.0	197.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	2385024	200.0	193.5	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	444806	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	95	249805	200.0	218.9	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	840557	200.0	185.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	447232	1000.0	957.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	163873	400.0	400.2	
47 Methyl acrylate	55	3.942	3.941	0.001	99	684693	200.0	206.6	
48 Propionitrile	54	4.015	4.009	0.006	98	1122678	2000.0	1848.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	94	200427	400.0	357.4	
49 Chlorobromomethane	128	4.088	4.088	0.000	93	414865	200.0	187.1	
51 Methacrylonitrile	67	4.112	4.112	0.000	90	3067017	2000.0	1958.5	
52 Chloroform	83	4.143	4.143	0.000	98	1266553	200.0	191.4	
53 Cyclohexane	84	4.271	4.271	0.000	93	1034058	200.0	202.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	99	998235	200.0	204.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	191530	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	752803	200.0	233.6	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	989015	200.0	197.3	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	96	732334	5000.0	6353.5	
59 Isooctane	57	4.588	4.582	0.006	97	2781946	200.0	236.1	
60 Benzene	78	4.612	4.612	0.000	98	2848559	200.0	170.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	226145	50.0	50.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	2342305	200.0	187.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	434229	200.0	210.7	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	97	958964	200.0	186.3	
65 n-Heptane	100	4.771	4.771	0.000	93	171680	200.0	246.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	788850	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	478916	5000.0	6209.2	
68 Trichloroethene	95	5.234	5.228	0.006	98	744870	200.0	199.1	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	1238604	200.0	211.7	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	111757	200.0	202.8	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	836022	200.0	199.7	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	30695	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	397823	400.0	452.2	
75 1,4-Dioxane	88	5.618	5.618	0.000	88	164432	4000.0	4929.9	
74 Dibromomethane	93	5.636	5.630	0.006	96	464145	200.0	192.9	
76 n-Propyl acetate	43	5.649	5.648	0.001	98	1093991	200.0	201.9	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	905573	200.0	208.8	
78 2-Nitropropane	41	6.118	6.112	0.006	95	228389	400.0	401.4	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	525466	200.5	202.4	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	1472568	4000.0	3902.2	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	1269175	200.0	208.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	93	1602068	1000.0	1028.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	769312	50.0	50.2	
84 Toluene	91	6.594	6.587	0.007	96	2887517	200.0	160.7	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	1086262	200.0	212.4	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	1048621	200.0	201.2	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	580434	200.0	196.9	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	745266	200.0	198.0	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	1135169	200.0	191.4	
90 2-Hexanone	43	7.423	7.423	0.001	94	2451468	1000.0	986.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	1222252	200.0	226.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	658507	200.0	234.7	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	648323	200.0	196.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	63	572119	50.0	50.0	
95 Chlorobenzene	112	8.307	8.300	0.007	93	1981185	200.0	189.7	
96 Ethylbenzene	106	8.410	8.410	0.000	98	1126615	200.0	199.7	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	96	691463	200.0	227.6	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	1375720	200.0	203.6	
99 o-Xylene	106	9.087	9.087	0.000	95	1399457	200.0	202.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	664940	200.0	290.6	
101 Styrene	104	9.130	9.123	0.007	93	2197483	200.0	201.3	
102 Bromoform	173	9.373	9.367	0.006	98	426243	200.0	220.1	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	91	1575582	200.0	202.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	2932394	200.0	187.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	92	240593	50.0	50.0	
106 Bromobenzene	156	9.898	9.898	0.000	98	879797	200.0	191.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	893591	200.0	201.5	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	3418095	200.0	164.0	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	244842	200.0	193.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	91	245682	200.0	239.5	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	2626026	200.0	179.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	96	3061974	200.0	175.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	95	2651978	200.0	183.6	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	2457518	200.0	174.7	
115 Butyl Methacrylate	87	10.325	10.324	0.000	90	1095950	200.0	203.4	
116 tert-Butylbenzene	119	10.507	10.507	0.000	93	2384983	200.0	196.6	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	96	2685218	200.0	178.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	94	3214567	200.0	174.7	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	94	1653754	200.0	184.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	94	2835901	200.0	179.9	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	94	322863	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	92	1646817	200.0	183.9	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	94	2801254	200.0	171.3	
124 Benzyl chloride	91	11.087	11.086	0.001	99	1591290	200.0	251.5	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	96	2682634	200.0	172.6	
126 p-Diethylbenzene	119	11.221	11.214	0.007	93	1947360	200.0	193.3	
127 n-Butylbenzene	92	11.239	11.239	0.000	96	1692074	200.0	195.9	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	93	1619427	200.0	183.5	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	95	2687202	200.0	170.5	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	98	150385	200.0	199.9	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	1424767	200.0	189.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	1337970	200.0	198.4	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	750616	200.0	216.3	
134 Naphthalene	128	12.775	12.775	0.000	96	2688308	200.0	170.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	1314680	200.0	189.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	370.5	
S 137 Xylenes, Total	100				0		400.0	406.6	
S 139 1,3-Dichloropropene, Total	1				0		400.0	421.2	
S 140 Total BTEX	1				0		1000.0	937.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	20.00	Units: uL	
MIX I Hi_00179	Amount Added:	20.00	Units: uL	
Ethanol mix_00092	Amount Added:	20.00	Units: uL	
7 Freons Hi_00017	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	20.00	Units: uL	
GAS Hi_00477	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:53 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D

Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17

Lims ID: STD200

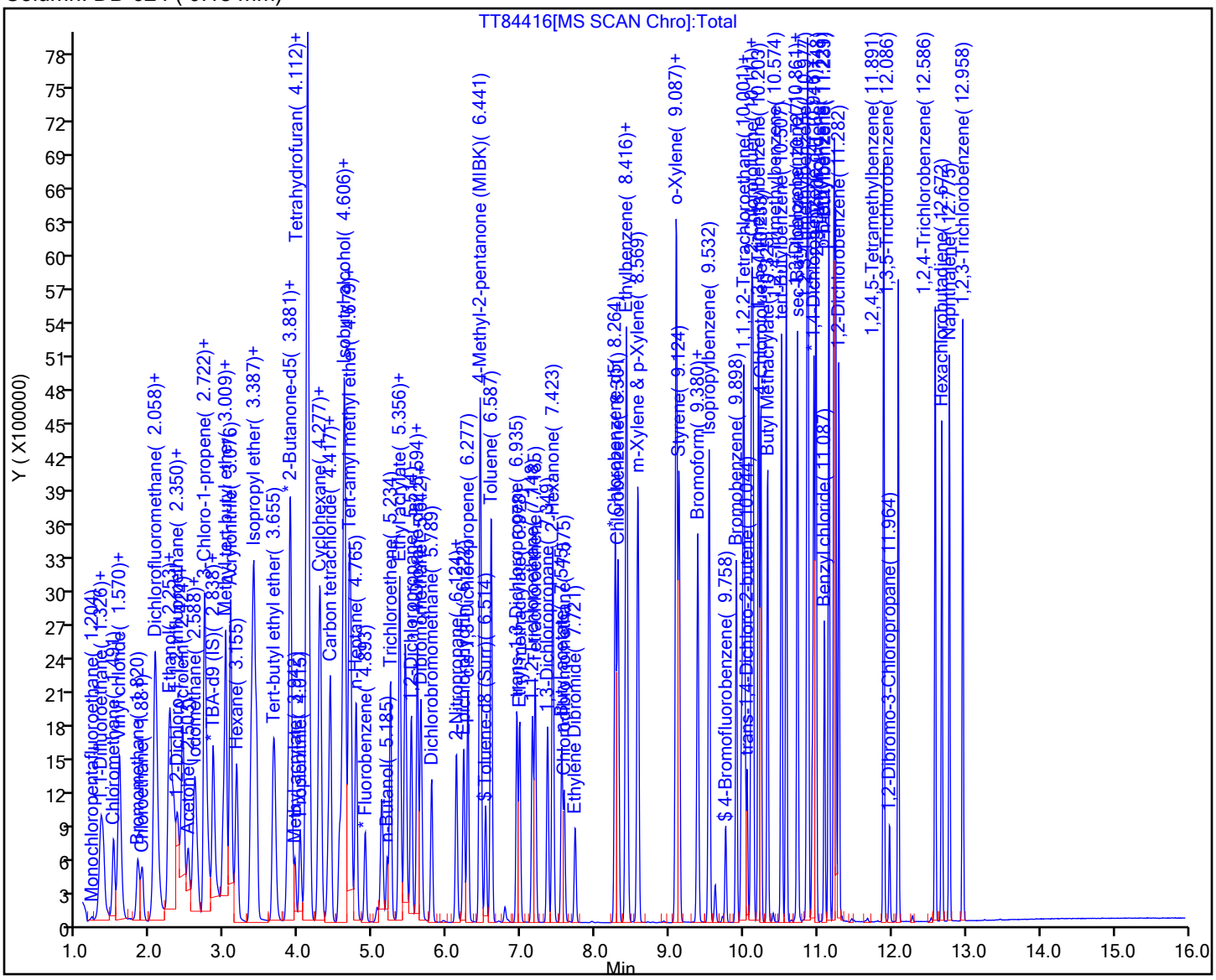
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

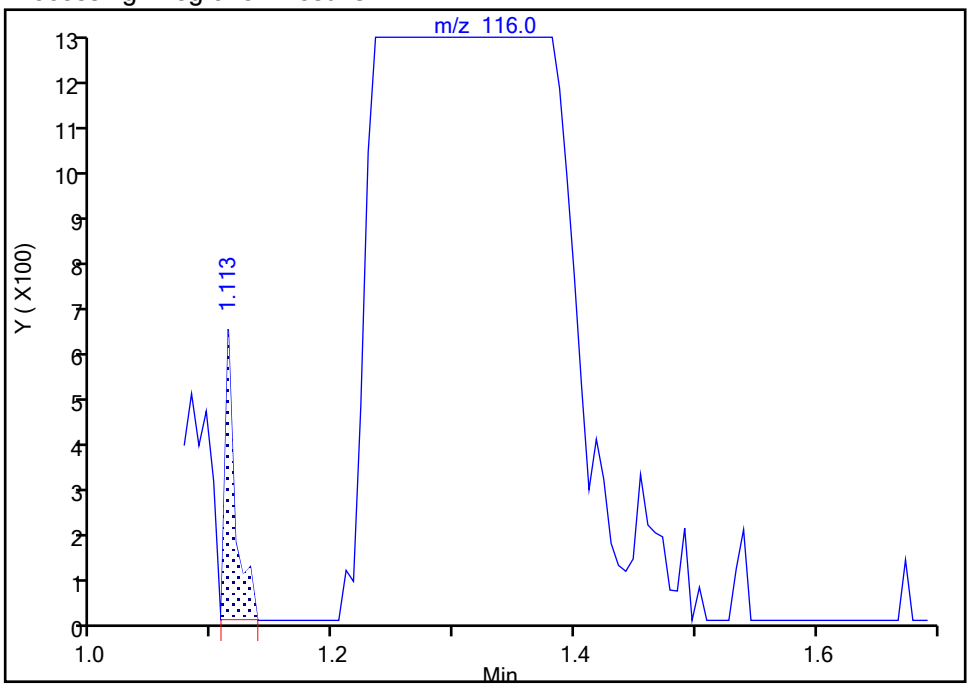
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Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

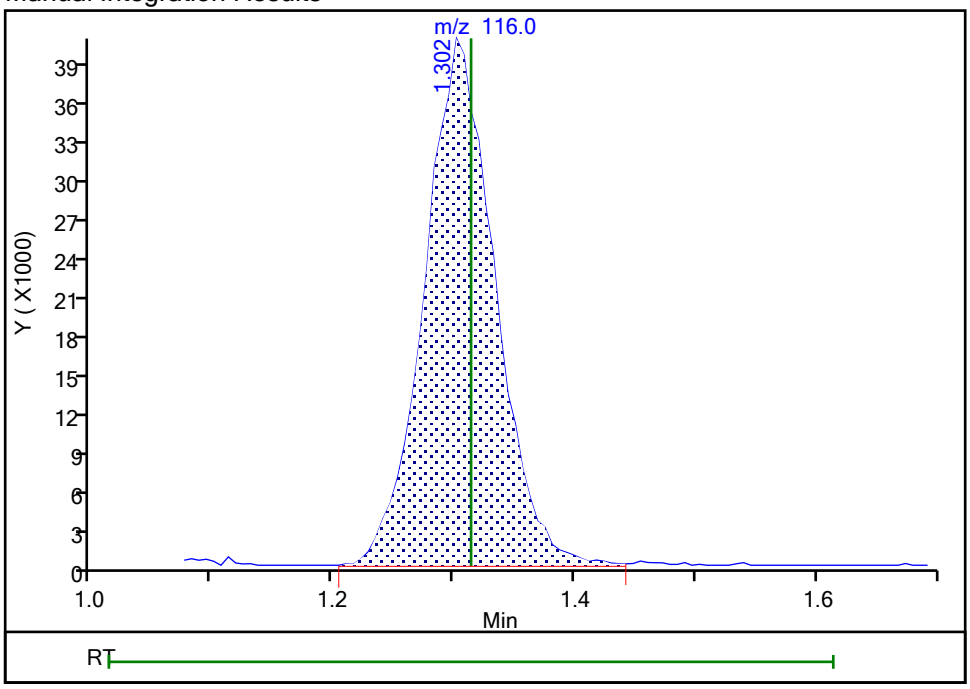
Processing Integration Results

RT: 1.11
Area: 374
Amount: 0.528241
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 162110
Amount: 192.1240
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

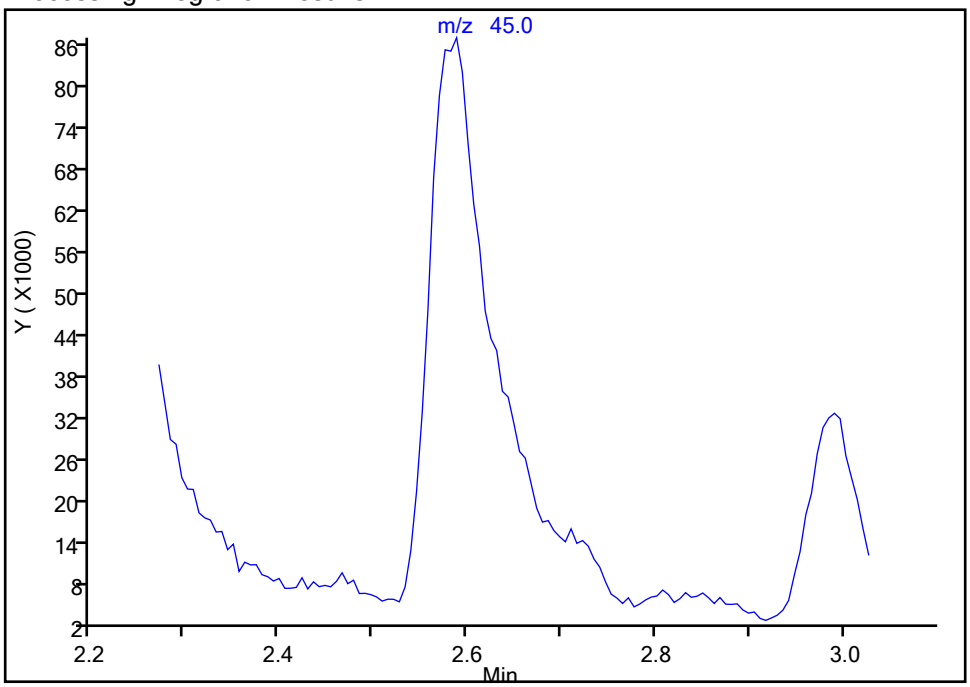
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Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

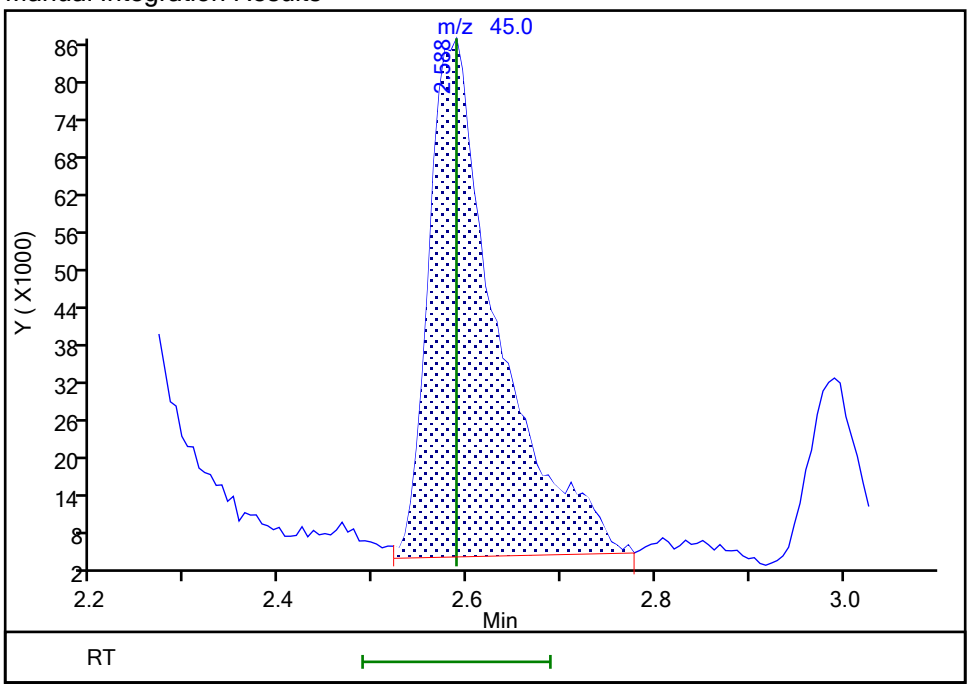
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 419842
Amount: 1947.4381
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

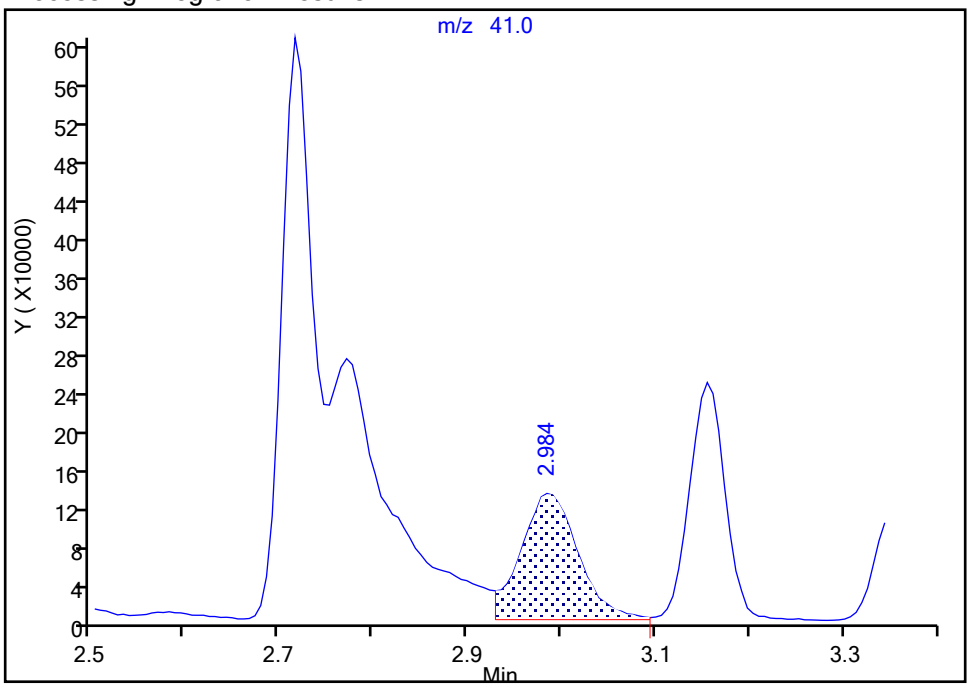
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

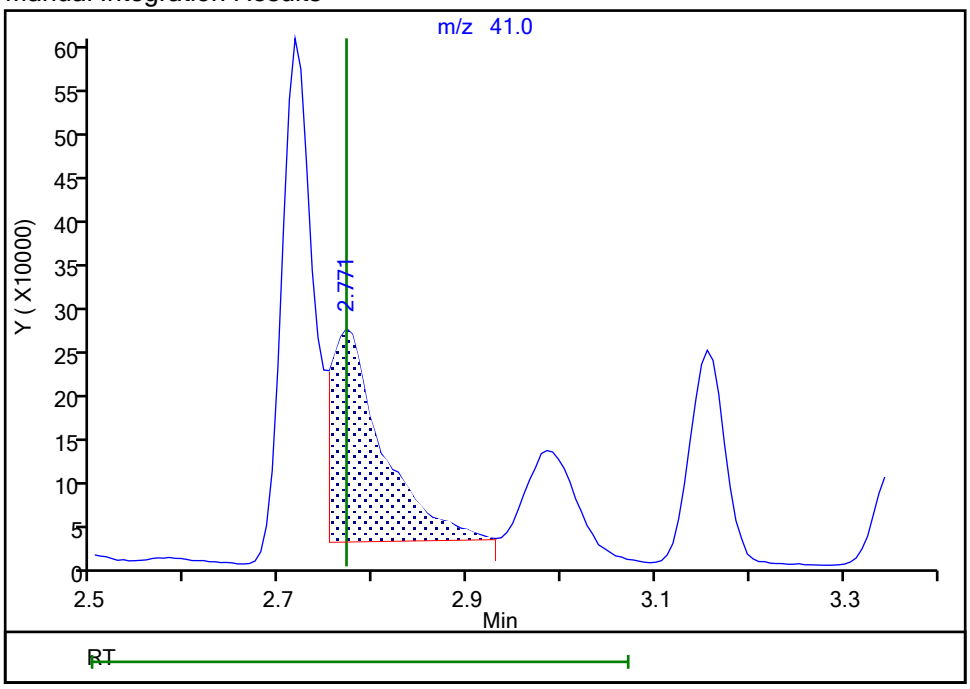
Processing Integration Results

RT: 2.98
Area: 566999
Amount: 1214.7668
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 927126
Amount: 1674.4772
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Aug-2024 10:24:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0180260-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:13:16 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:46:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	96	76108	500.0	500.3	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	89	539370	500.0	500.8	
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	994689	500.0	468.8	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	99	3114166	500.0	617.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	97	354929	500.0	500.6	
6 Chloromethane	50	1.497	1.491	0.006	98	2964620	500.0	490.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	2704086	500.0	510.1	
8 Butadiene	54	1.576	1.570	0.006	96	2662135	500.0	534.6	
9 Bromomethane	94	1.826	1.820	0.006	99	1697817	500.0	453.8	
10 Chloroethane	64	1.881	1.881	0.000	99	1470354	500.0	420.8	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	97	4043243	500.0	453.2	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	2840667	500.0	529.7	
13 Pentane	72	2.064	2.070	-0.006	98	274722	1000.0	532.2	
14 Ethanol	46	2.229	2.234	-0.005	82	458088	20000	20088	
15 Ethyl ether	74	2.235	2.234	0.001	94	1195813	500.0	480.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	90	1136334	500.0	326.1	a
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	93	1897047	500.0	561.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	94	2970032	500.0	498.3	
19 Acrolein	56	2.393	2.387	0.006	94	285379	400.0	396.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	93	613441	500.0	188.5	a
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	1028501	500.0	259.6	
22 Acetone	43	2.503	2.497	0.006	88	3402964	2500.0	2382.8	
23 Iodomethane	142	2.576	2.570	0.006	98	2612053	500.0	383.3	
25 Isopropyl alcohol	45	2.588	2.588	0.000	91	1286832	5000.0	4740.3	a
24 Carbon disulfide	76	2.613	2.600	0.013	99	3383441	500.0	238.9	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	99	1136356	500.0	421.8	
27 Methyl acetate	43	2.722	2.722	0.000	98	2915935	1000.0	875.1	
28 Cyclopentene	67	2.741	2.734	0.007	93	2547990	500.0	306.3	
29 Acetonitrile	41	2.771	2.771	0.000	99	2402595	5000.0	3886.0	a
* 31 TBA-d9 (IS)	66	2.856	2.832	0.024	0	66752	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.844	2.838	0.006	92	2054374	500.0	418.6	
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	96	2198901	5000.0	5064.3	
33 Methyl tert-butyl ether	73	2.985	2.984	0.000	98	5345732	500.0	437.4	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	1557539	500.0	365.7	
35 Acrylonitrile	53	3.076	3.070	0.006	93	6379978	5000.0	3871.4	
36 Hexane	57	3.155	3.155	0.000	94	706245	500.0	158.5	
37 Isopropyl ether	45	3.362	3.356	0.006	87	5903918	500.0	401.6	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	98	3148960	500.0	398.6	
39 Vinyl acetate	86	3.399	3.393	0.006	99	864927	1000.0	1261.4	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	1525911	500.0	427.3	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	93	5636746	500.0	430.3	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	496691	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	96	530531	500.0	437.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	97	2062470	500.0	427.7	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	99	1224508	2500.0	2347.6	
46 Ethyl acetate	70	3.893	3.887	0.006	97	451876	1000.0	988.3	
47 Methyl acrylate	55	3.948	3.941	0.007	99	1849793	500.0	525.1	
48 Propionitrile	54	4.015	4.009	0.006	98	2912975	5000.0	3809.6	
50 Tetrahydrofuran	72	4.088	4.082	0.006	85	551568	1000.0	880.9	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	1098245	500.0	465.9	
51 Methacrylonitrile	67	4.118	4.112	0.006	85	6230054	5000.0	3742.6	
52 Chloroform	83	4.143	4.143	0.000	97	2984524	500.0	424.3	
53 Cyclohexane	84	4.277	4.271	0.006	92	1082231	500.0	198.9	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	99	1891529	500.0	364.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203698	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	1321700	500.0	385.8	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	96	1753410	500.0	329.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	97	3425717	12500	23602	
59 Isooctane	57	4.594	4.582	0.012	94	4465955	500.0	356.5	
60 Benzene	78	4.612	4.612	0.000	98	5502222	500.0	308.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	249535	50.0	52.0	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	6321068	500.0	475.3	
63 Isopropyl acetate	61	4.679	4.673	0.006	95	1136534	500.0	518.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	94	2376646	500.0	434.3	
65 n-Heptane	100	4.771	4.771	0.000	93	155049	500.0	209.4	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	838521	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	89	1443443	12500	14862	
68 Trichloroethene	95	5.234	5.228	0.006	98	1589878	500.0	399.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	67	1336567	500.0	214.9	
70 Ethyl acrylate	99	5.356	5.356	0.000	98	238571	500.0	499.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	91	2090847	500.0	469.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37228	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	86	1074433	1000.0	1149.0	
75 1,4-Dioxane	88	5.624	5.618	0.006	89	464769	10000	11489	
74 Dibromomethane	93	5.636	5.630	0.006	96	1216586	500.0	475.7	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2842478	500.0	493.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	98	2332147	500.0	505.9	
78 2-Nitropropane	41	6.118	6.112	0.006	97	715471	1000.0	999.8	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	1374141	501.2	497.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	98	3645202	10000	8650.5	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	3111522	500.0	479.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	79	3860713	2500.0	2219.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	813589	50.0	49.7	
84 Toluene	91	6.594	6.587	0.007	96	5259836	500.0	273.9	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	98	2746373	500.0	502.5	
86 Ethyl methacrylate	69	6.978	6.977	0.001	92	2681146	500.0	499.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	1507602	500.0	478.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	95	1432037	500.0	356.1	
89 1,3-Dichloropropane	76	7.356	7.349	0.007	95	2826061	500.0	445.9	
90 2-Hexanone	43	7.423	7.423	0.001	84	5030824	2500.0	1813.5	
91 n-Butyl acetate	43	7.545	7.544	0.001	96	2973678	500.0	515.8	
92 Chlorodibromomethane	129	7.581	7.575	0.006	98	1822645	500.0	607.9	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	1692728	500.0	479.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	49	611293	50.0	50.0	a
95 Chlorobenzene	112	8.307	8.300	0.007	86	4171973	500.0	374.0	
96 Ethylbenzene	106	8.416	8.410	0.006	91	2438718	500.0	404.6	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	97	1784857	500.0	549.8	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2944065	500.0	407.8	
99 o-Xylene	106	9.093	9.087	0.006	94	3079741	500.0	418.0	
100 n-Butyl acrylate	73	9.093	9.087	0.006	94	1722962	500.0	704.7	
101 Styrene	104	9.130	9.123	0.007	85	4465588	500.0	382.8	
102 Bromoform	173	9.374	9.367	0.007	97	1217270	500.0	483.9	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	94	3478634	500.0	499.4	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	4782057	500.0	285.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	91	250955	50.0	48.8	
106 Bromobenzene	156	9.904	9.898	0.006	92	2061871	500.0	438.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	96	2204604	500.0	485.4	
108 N-Propylbenzene	91	10.001	9.995	0.006	98	5219083	500.0	244.5	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	96	642973	500.0	495.9	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	92	663589	500.0	631.7	
111 2-Chlorotoluene	91	10.105	10.105	0.000	94	4763159	500.0	317.8	
112 4-Ethyltoluene	105	10.129	10.123	0.006	95	5389679	500.0	301.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	4241934	500.0	286.7	
114 4-Chlorotoluene	91	10.233	10.227	0.006	89	4692334	500.0	325.8	
115 Butyl Methacrylate	87	10.325	10.324	0.001	90	2607074	500.0	499.5	
116 tert-Butylbenzene	119	10.514	10.507	0.007	85	3841395	500.0	309.2	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	89	4267433	500.0	276.9	
118 sec-Butylbenzene	105	10.727	10.727	0.000	88	4679577	500.0	248.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	86	3110125	500.0	338.0	
120 4-Isopropyltoluene	119	10.873	10.867	0.006	95	4178261	500.0	258.8	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	95	330651	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	83	3121694	500.0	340.3	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	83	4680186	500.0	279.5	
124 Benzyl chloride	91	11.093	11.086	0.007	94	3383816	500.0	522.3	
125 2,3-Dihydroindene	117	11.154	11.147	0.007	86	4472685	500.0	281.0	
126 p-Diethylbenzene	119	11.221	11.214	0.007	88	3488390	500.0	338.1	
127 n-Butylbenzene	92	11.239	11.239	0.000	88	2786416	500.0	315.1	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	83	3081778	500.0	341.0	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	86	4306351	500.0	266.7	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	97	402984	500.0	434.7	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	91	2688238	500.0	348.8	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	2426732	500.0	351.3	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	1220751	500.0	343.5	
134 Naphthalene	128	12.775	12.775	0.000	88	4342539	500.0	269.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	93	2415594	500.0	340.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	793.4	
S 137 Xylenes, Total	100				0		1000.0	825.8	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	981.6	
S 140 Total BTEX	1				0		2500.0	1812.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	50.00	Units: uL	
MIX I Hi_00179	Amount Added:	50.00	Units: uL	
Ethanol mix_00092	Amount Added:	50.00	Units: uL	
7 Freons Hi_00017	Amount Added:	50.00	Units: uL	
ACROLEIN W_00173	Amount Added:	40.00	Units: uL	
GAS Hi_00477	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17

Lims ID: STD500

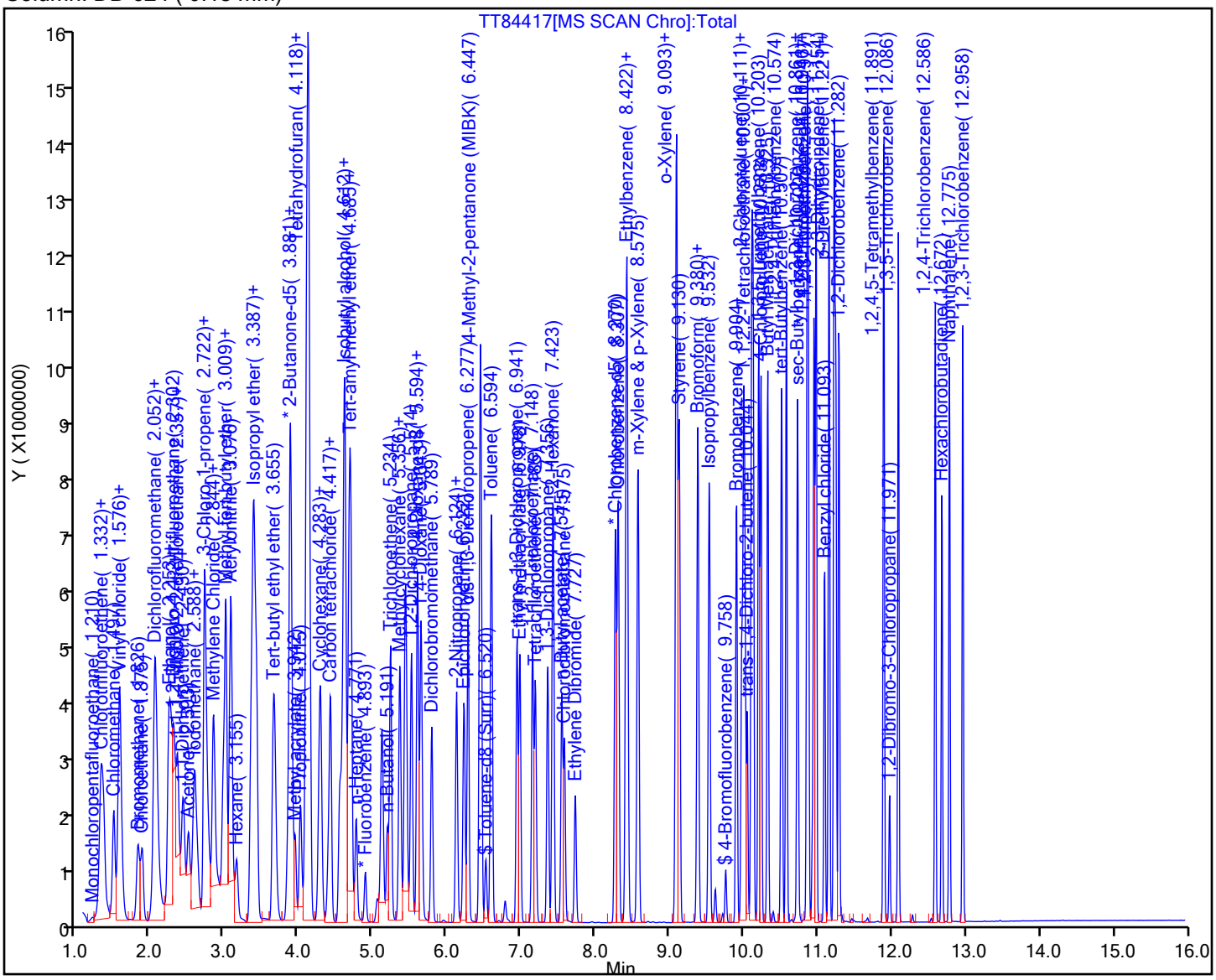
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

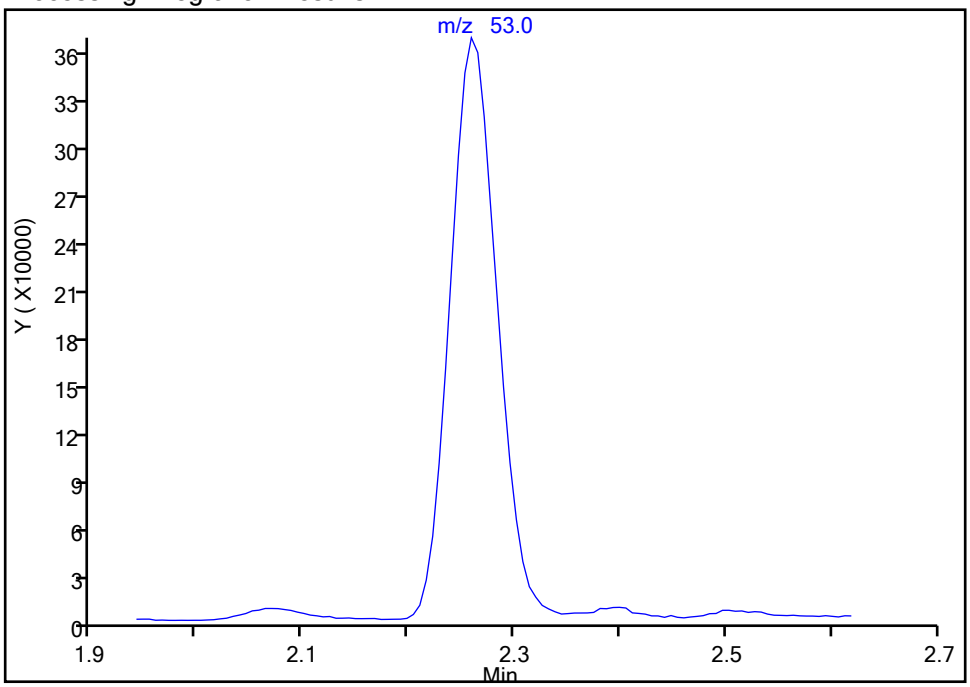
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

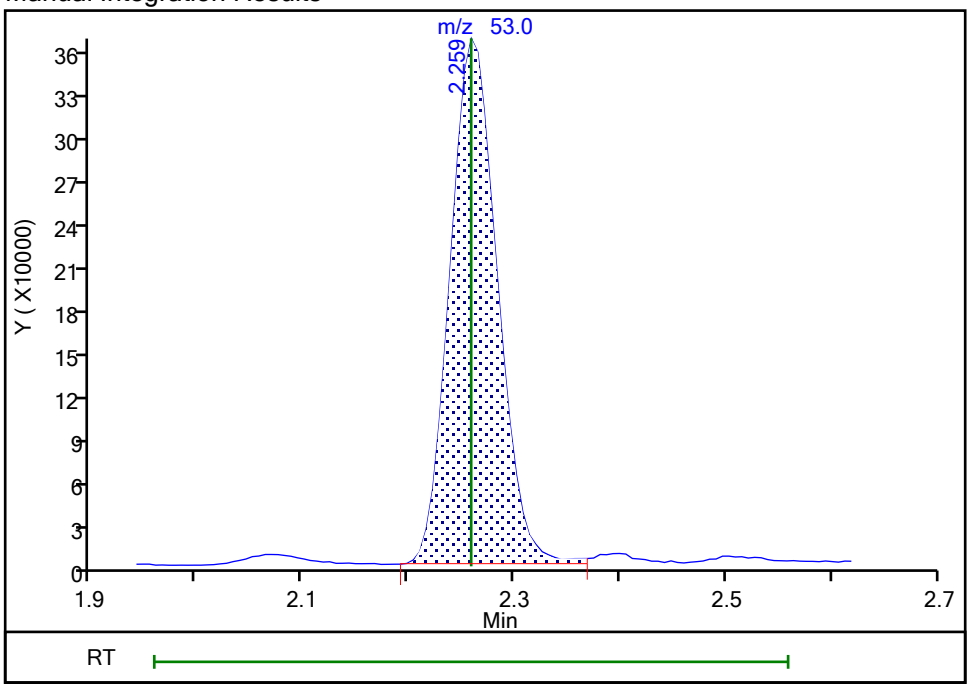
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 1136334
Amount: 326.1087
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

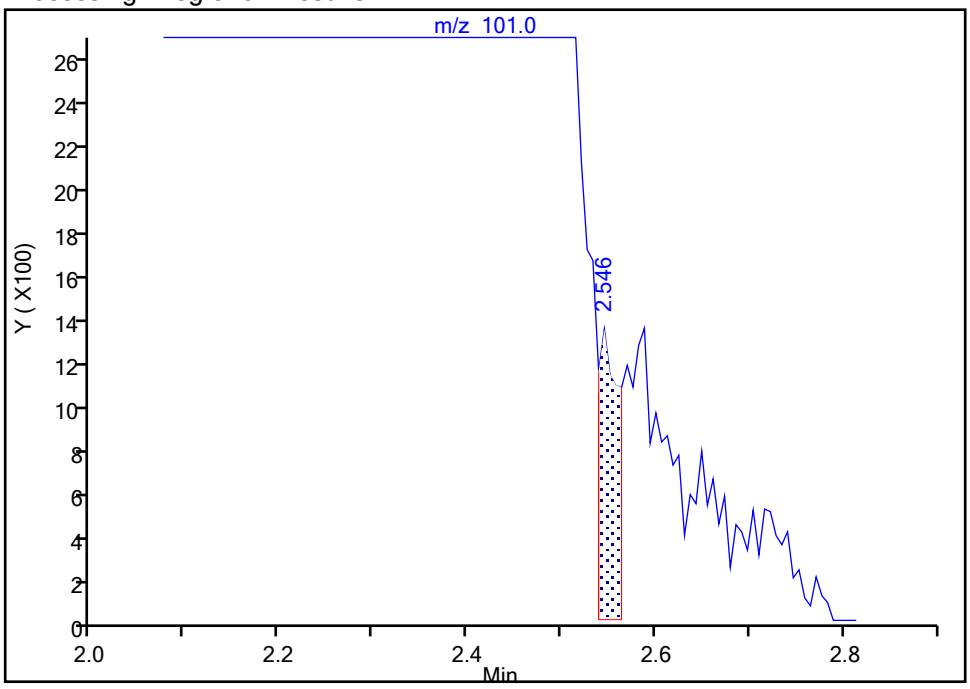
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

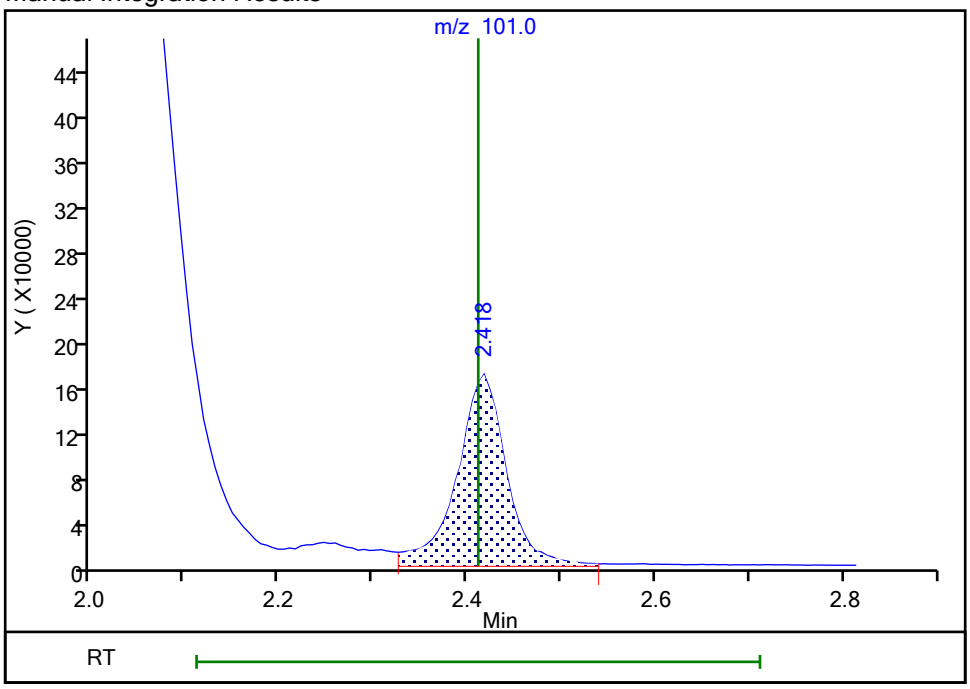
Processing Integration Results

RT: 2.55
Area: 2065
Amount: 0.740267
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 613441
Amount: 188.5325
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

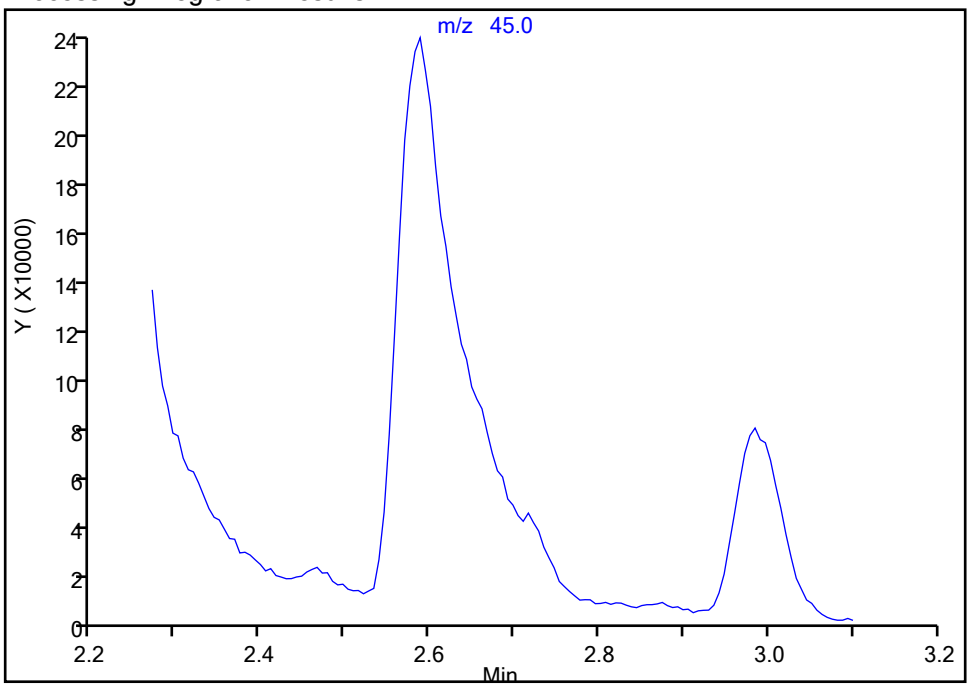
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

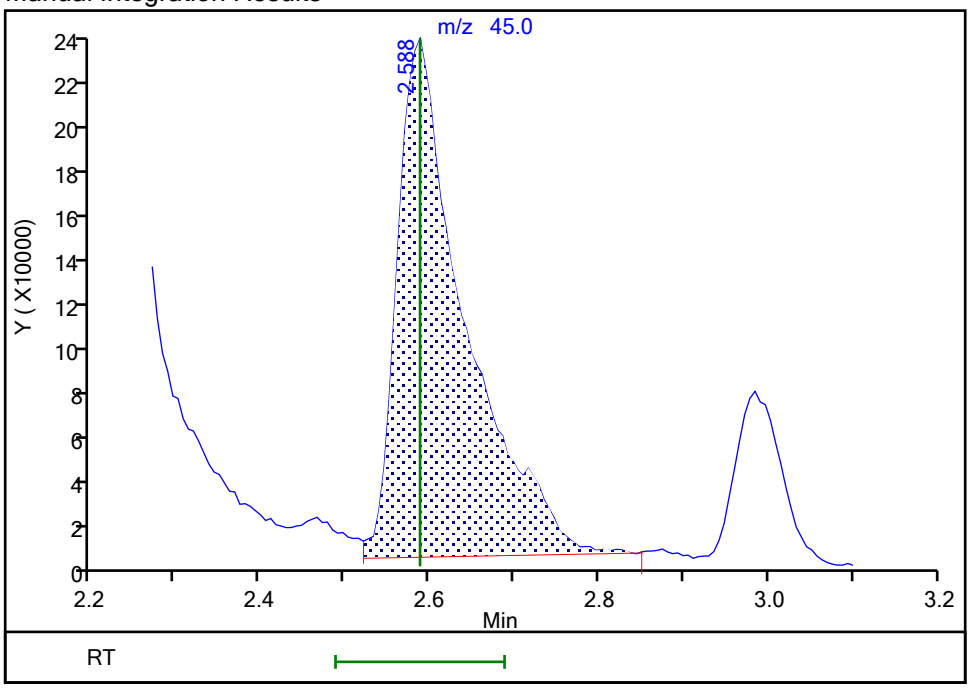
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 1286832
Amount: 4740.2510
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

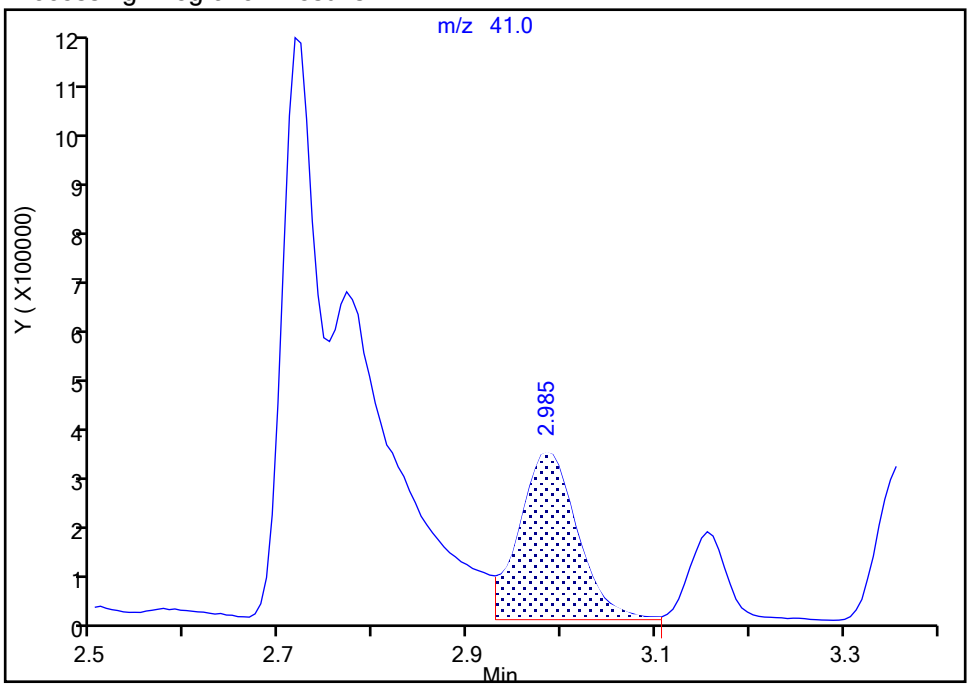
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

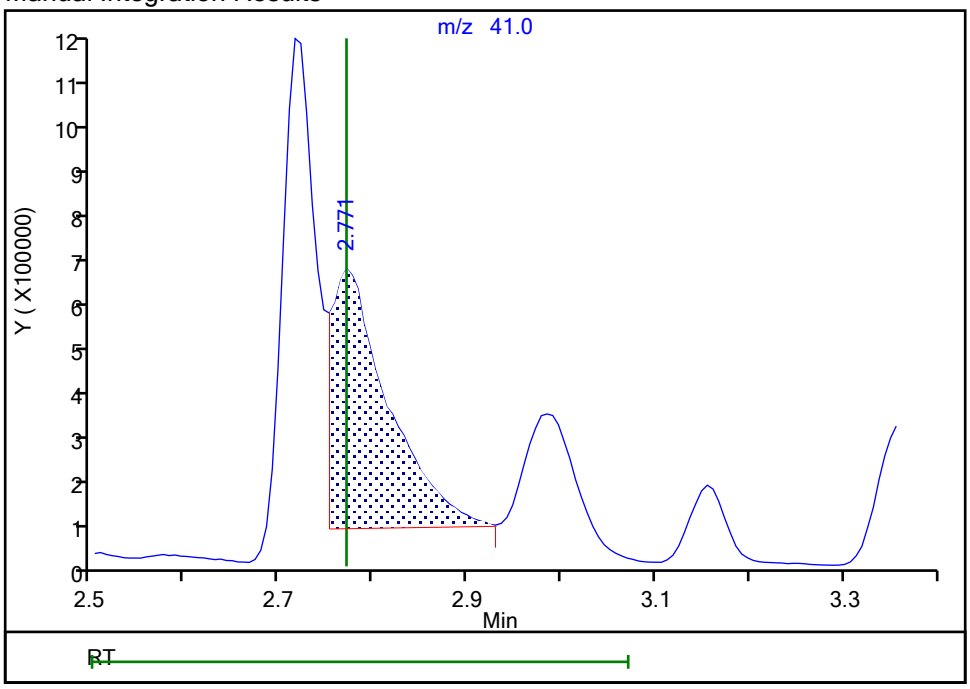
Processing Integration Results

RT: 2.98
Area: 1454079
Amount: 3720.3669
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 2402595
Amount: 3886.0232
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

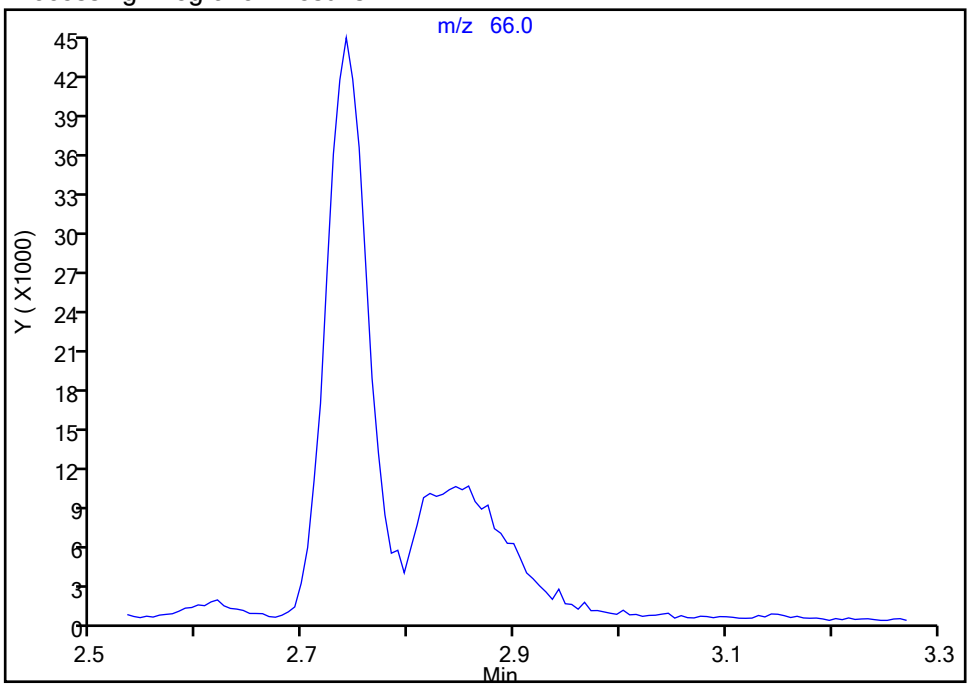
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

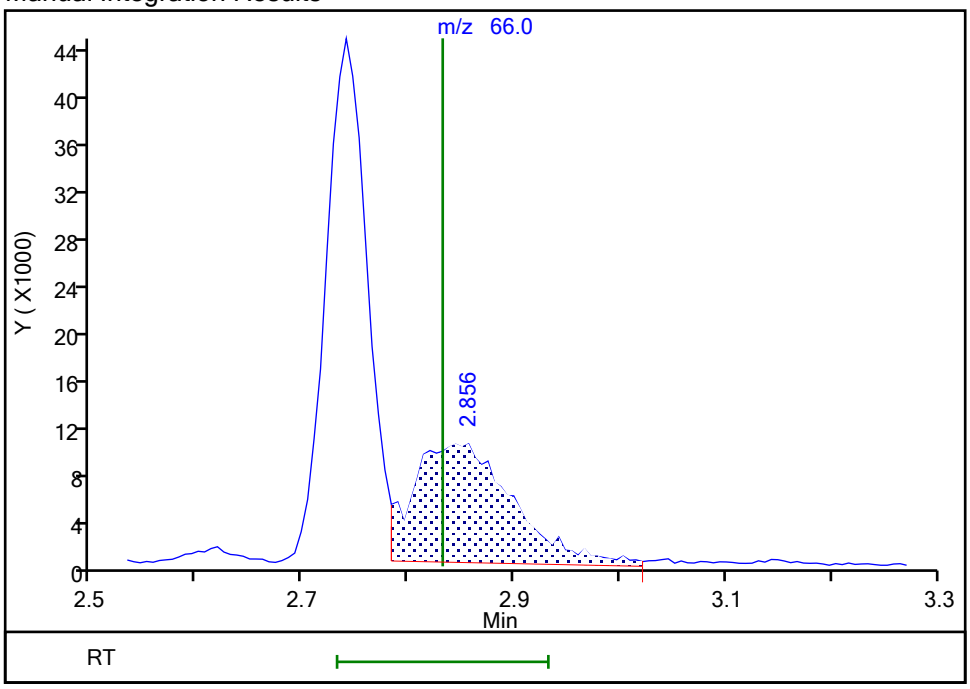
Not Detected
Expected RT: 2.83

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 66752
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

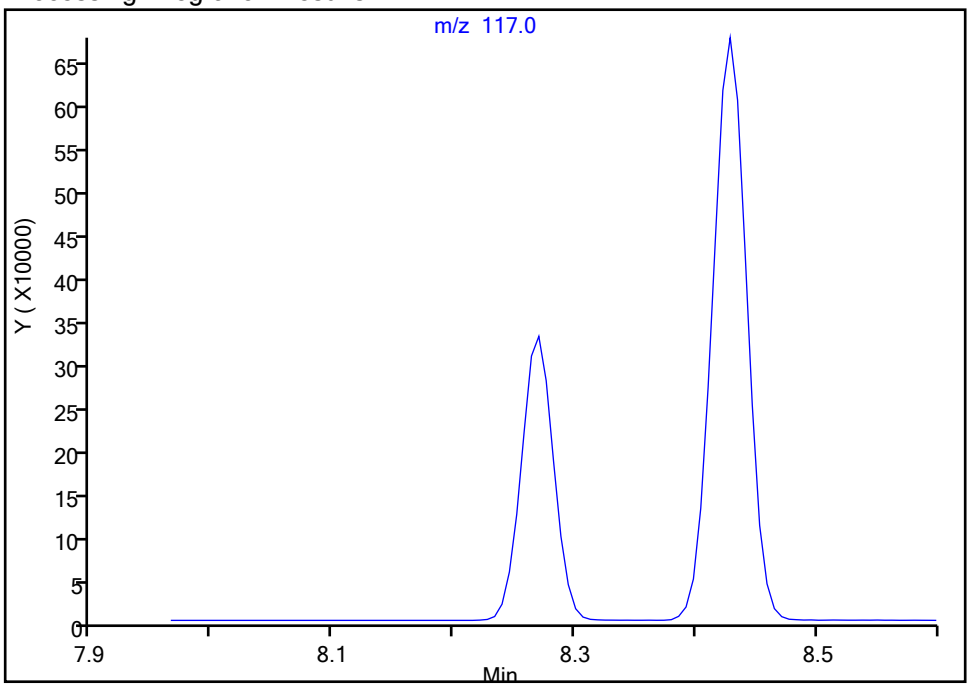
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

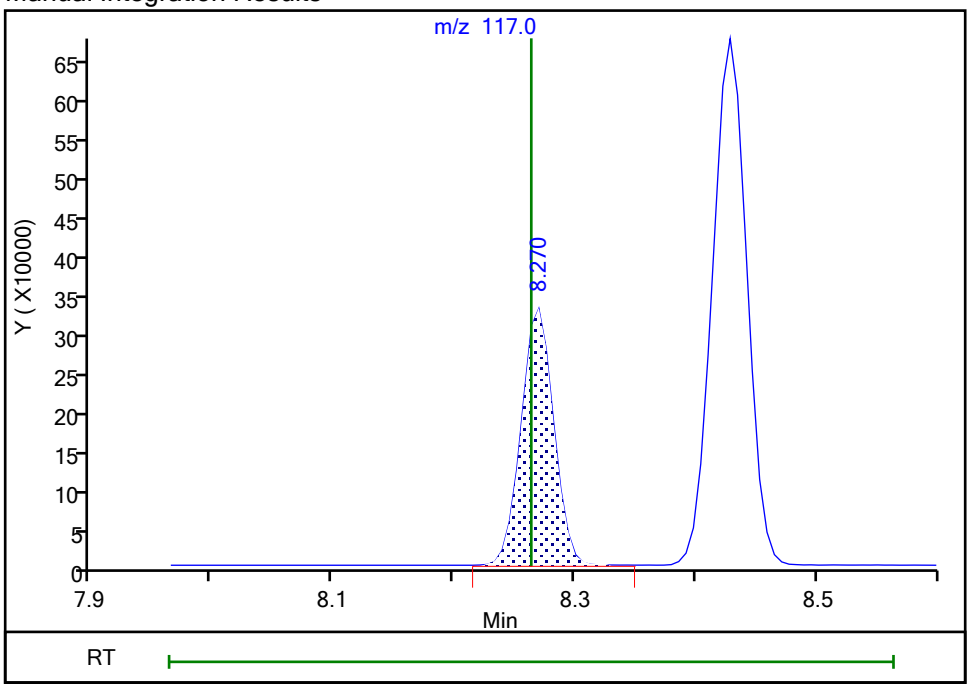
Not Detected
Expected RT: 8.26

Processing Integration Results



Manual Integration Results

RT: 8.27
Area: 611293
Amount: 50.000000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 12:23:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

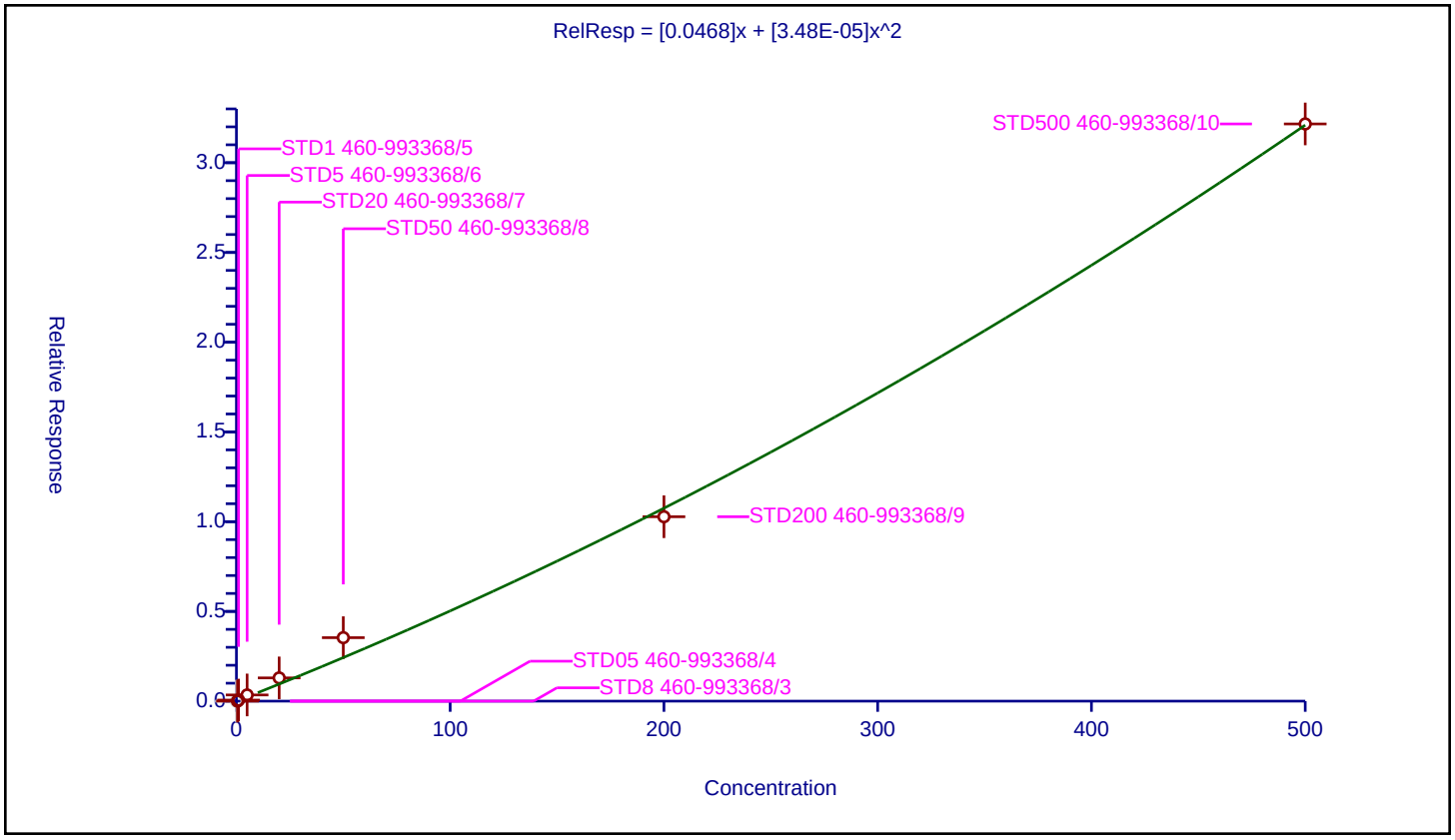
Curve Coefficients

Intercept:	0
Slope:	0.0468
Second Order:	3.48E-05

Error Coefficients

Relative Standard Deviation:	52.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.002865	50.0	767841.0	0.00573	Y
3	STD1 460-993368/5	1.0	0.058966	50.0	736870.0	0.058966	Y
4	STD5 460-993368/6	5.0	0.344781	50.0	753377.0	0.068956	Y
5	STD20 460-993368/7	20.0	1.294985	50.0	750665.0	0.064749	Y
6	STD50 460-993368/8	50.0	3.536826	50.0	760583.0	0.070737	Y
7	STD200 460-993368/9	200.0	10.275084	50.0	788850.0	0.051375	Y
8	STD500 460-993368/10	500.0	32.161985	50.0	838521.0	0.064324	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

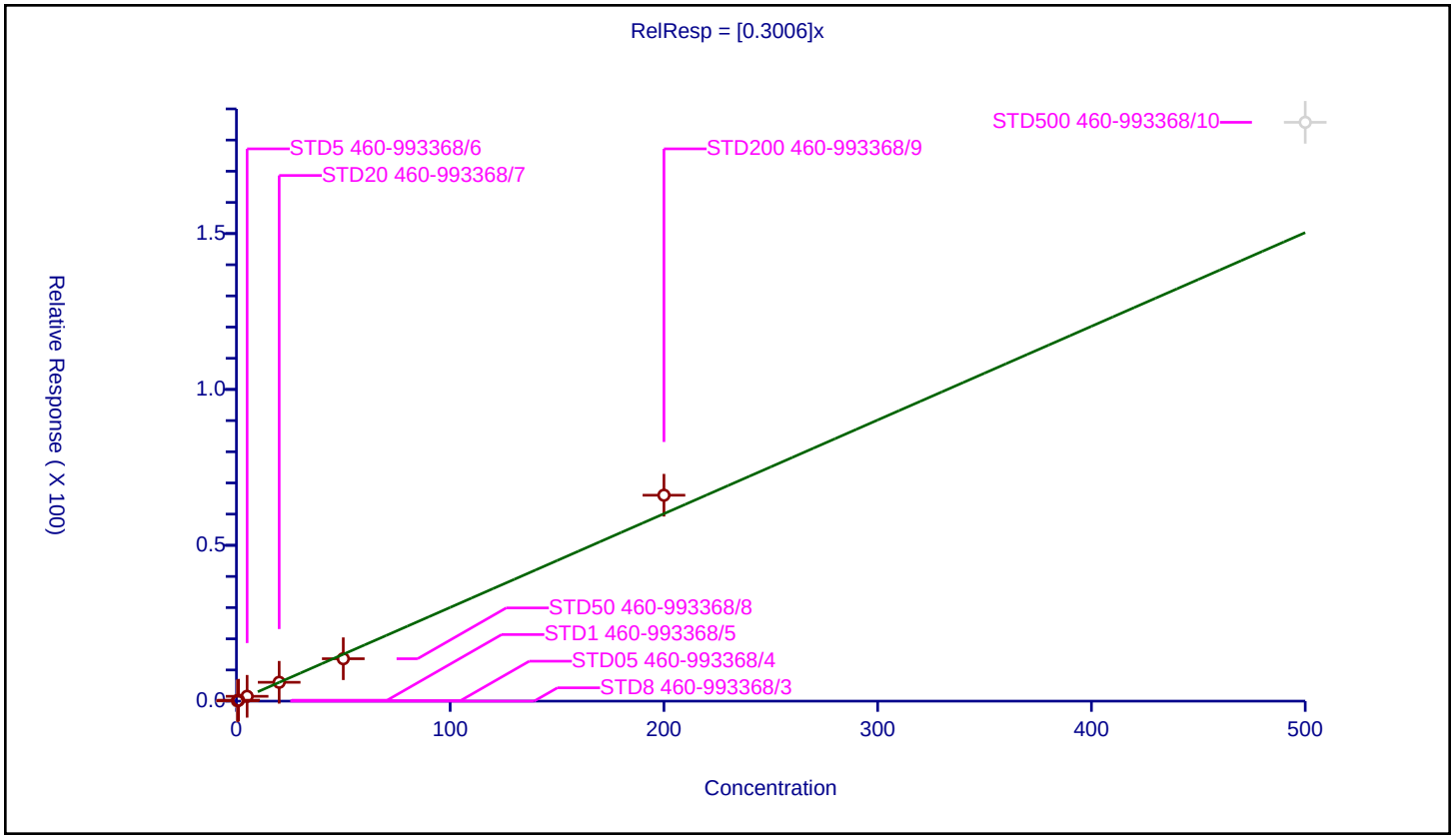
Curve Coefficients

Intercept:	0
Slope:	0.3006

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145082	50.0	767841.0	0.290164	Y
3	STD1 460-993368/5	1.0	0.298153	50.0	736870.0	0.298153	Y
4	STD5 460-993368/6	5.0	1.552875	50.0	753377.0	0.310575	Y
5	STD20 460-993368/7	20.0	6.047838	50.0	750665.0	0.302392	Y
6	STD50 460-993368/8	50.0	13.609297	50.0	760583.0	0.272186	Y
7	STD200 460-993368/9	200.0	66.061038	50.0	788850.0	0.330305	Y
8	STD500 460-993368/10	500.0	185.693978	50.0	838521.0	0.371388	N



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

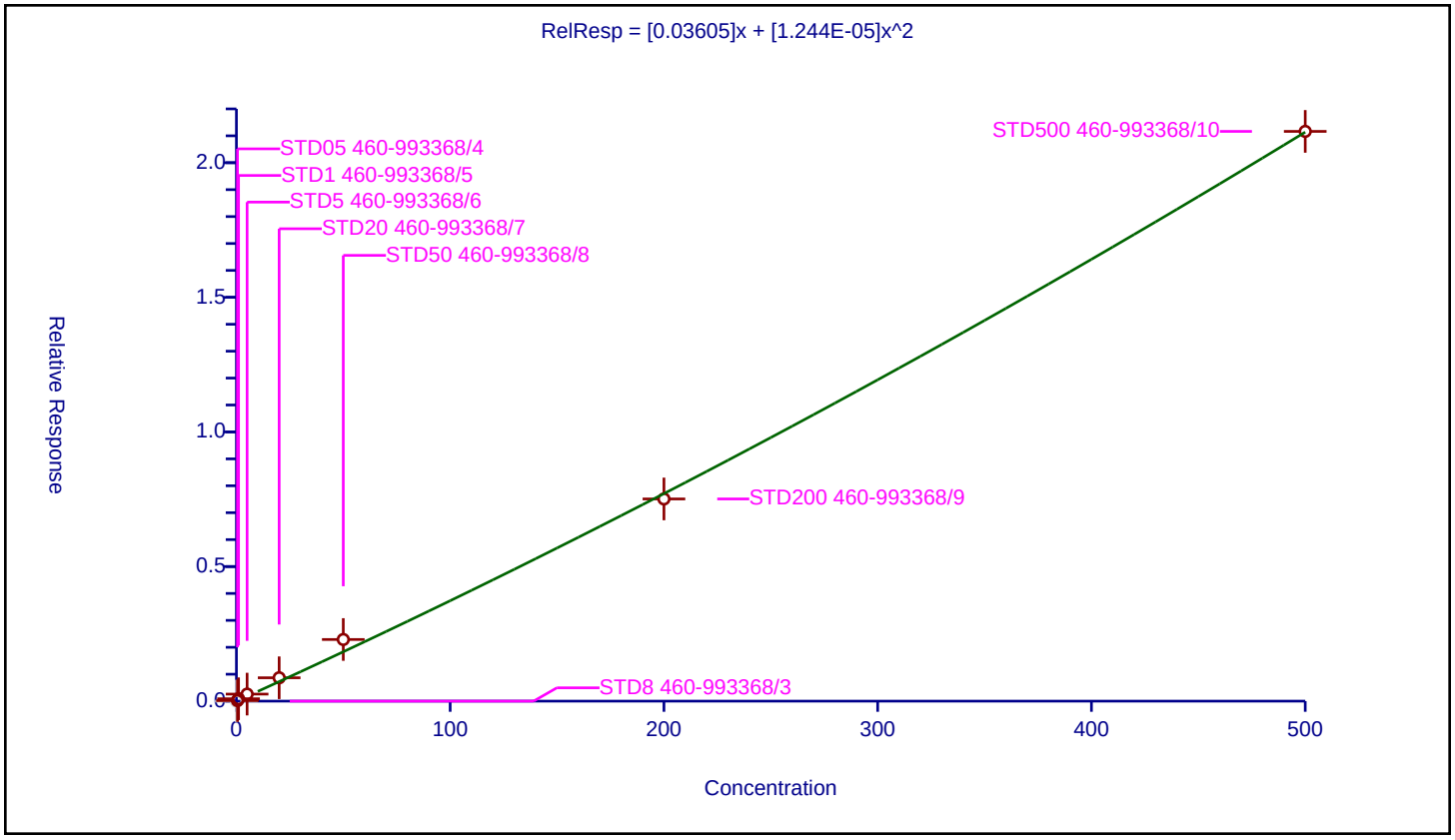
Curve Coefficients

Intercept:	0
Slope:	0.03605
Second Order:	1.244E-05

Error Coefficients

Relative Standard Deviation:	69.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.020382	50.0	767841.0	0.040764	Y
3	STD1 460-993368/5	1.0	0.088279	50.0	736870.0	0.088279	Y
4	STD5 460-993368/6	5.0	0.261489	50.0	753377.0	0.052298	Y
5	STD20 460-993368/7	20.0	0.867697	50.0	750665.0	0.043385	Y
6	STD50 460-993368/8	50.0	2.289757	50.0	760583.0	0.045795	Y
7	STD200 460-993368/9	200.0	7.51087	50.0	788850.0	0.037554	Y
8	STD500 460-993368/10	500.0	21.16399	50.0	838521.0	0.042328	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

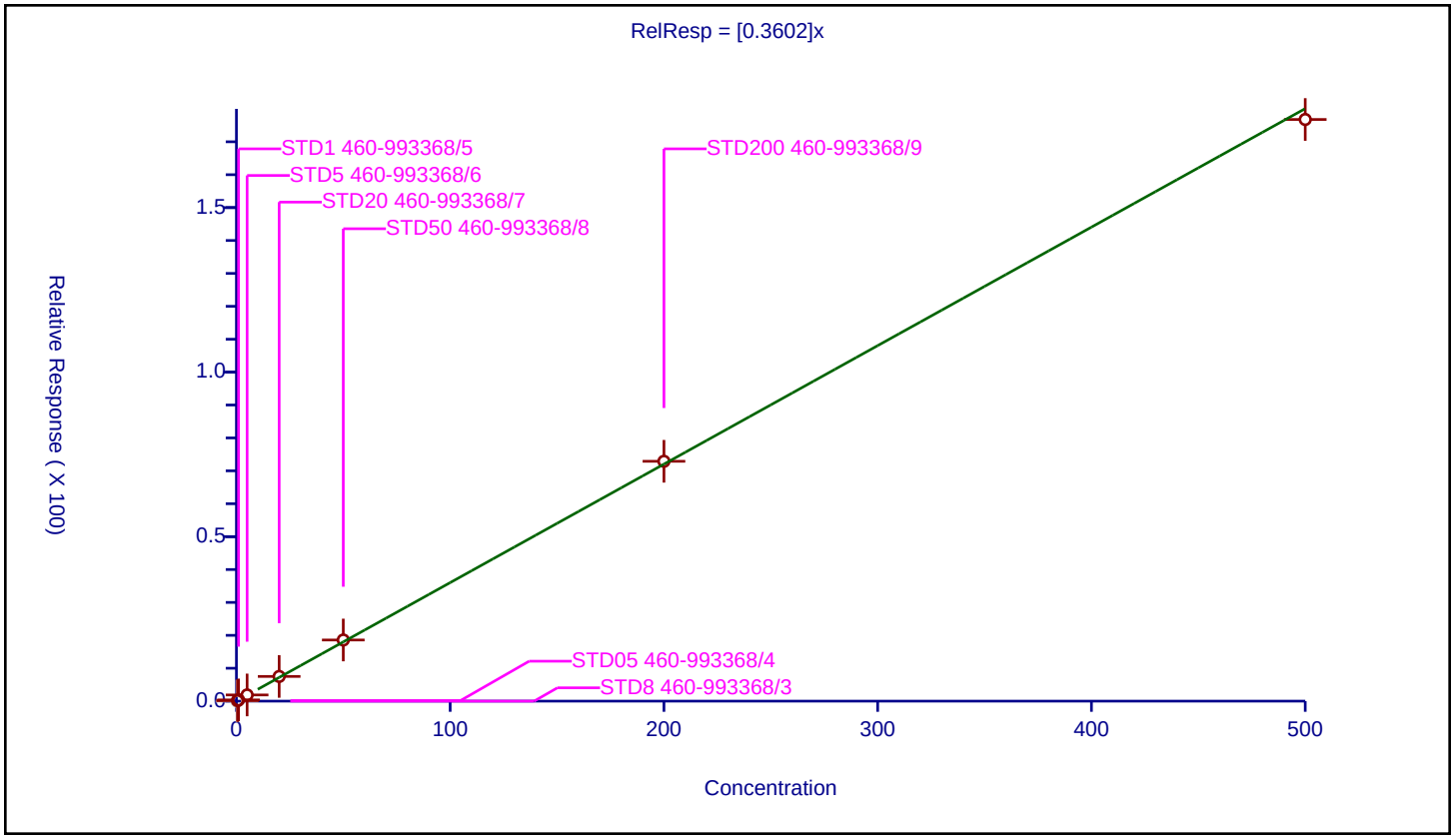
Curve Coefficients

Intercept:	0
Slope:	0.3602

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.157845	50.0	767841.0	0.31569	Y
3	STD1 460-993368/5	1.0	0.364311	50.0	736870.0	0.364311	Y
4	STD5 460-993368/6	5.0	1.881329	50.0	753377.0	0.376266	Y
5	STD20 460-993368/7	20.0	7.504146	50.0	750665.0	0.375207	Y
6	STD50 460-993368/8	50.0	18.582719	50.0	760583.0	0.371654	Y
7	STD200 460-993368/9	200.0	72.897699	50.0	788850.0	0.364488	Y
8	STD500 460-993368/10	500.0	176.77673	50.0	838521.0	0.353553	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

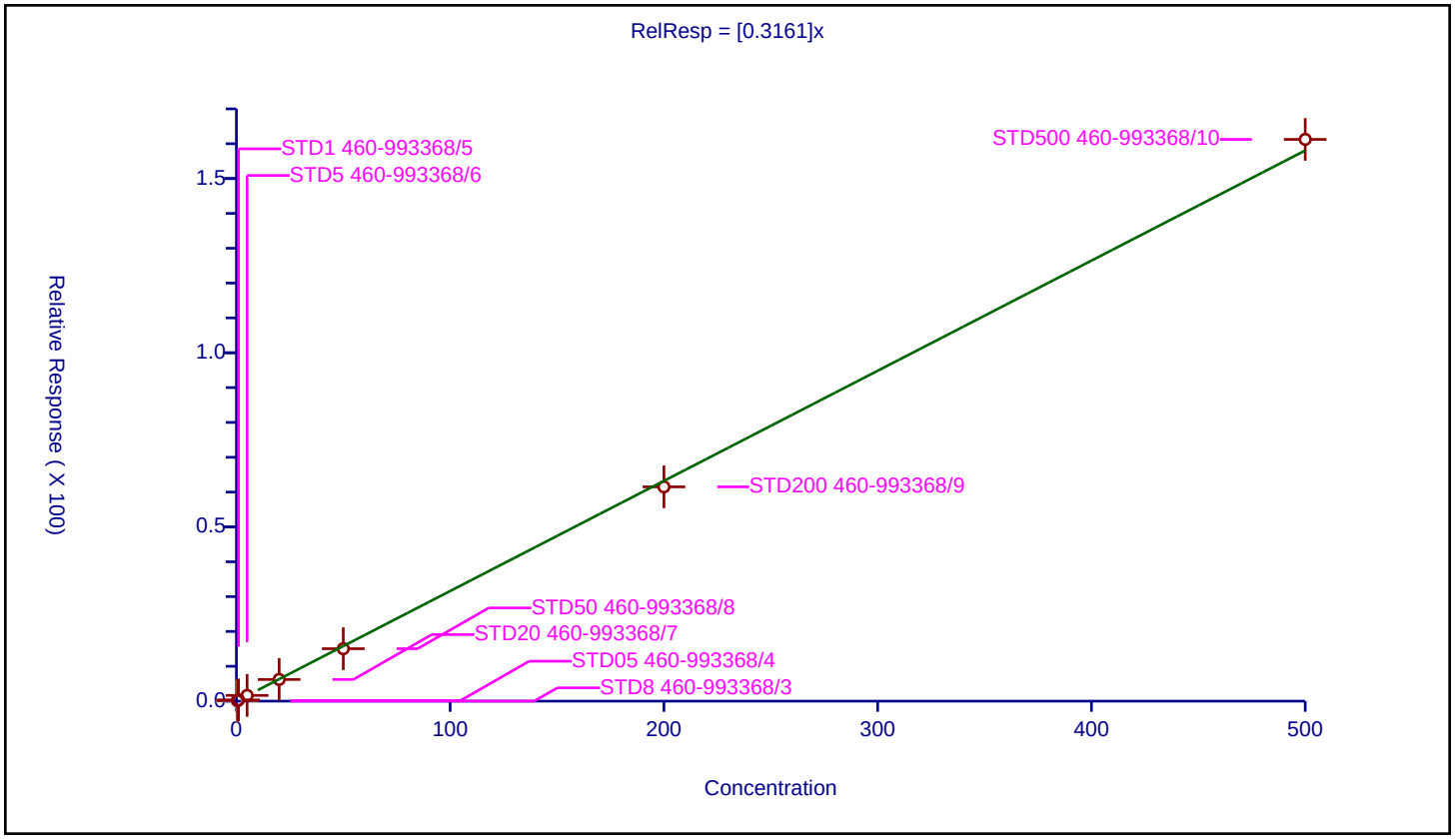
Curve Coefficients

Intercept:	0
Slope:	0.3161

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145603	50.0	767841.0	0.291206	Y
3	STD1 460-993368/5	1.0	0.35203	50.0	736870.0	0.35203	Y
4	STD5 460-993368/6	5.0	1.63683	50.0	753377.0	0.327366	Y
5	STD20 460-993368/7	20.0	6.22175	50.0	750665.0	0.311088	Y
6	STD50 460-993368/8	50.0	15.052072	50.0	760583.0	0.301041	Y
7	STD200 460-993368/9	200.0	61.507067	50.0	788850.0	0.307535	Y
8	STD500 460-993368/10	500.0	161.2414	50.0	838521.0	0.322483	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

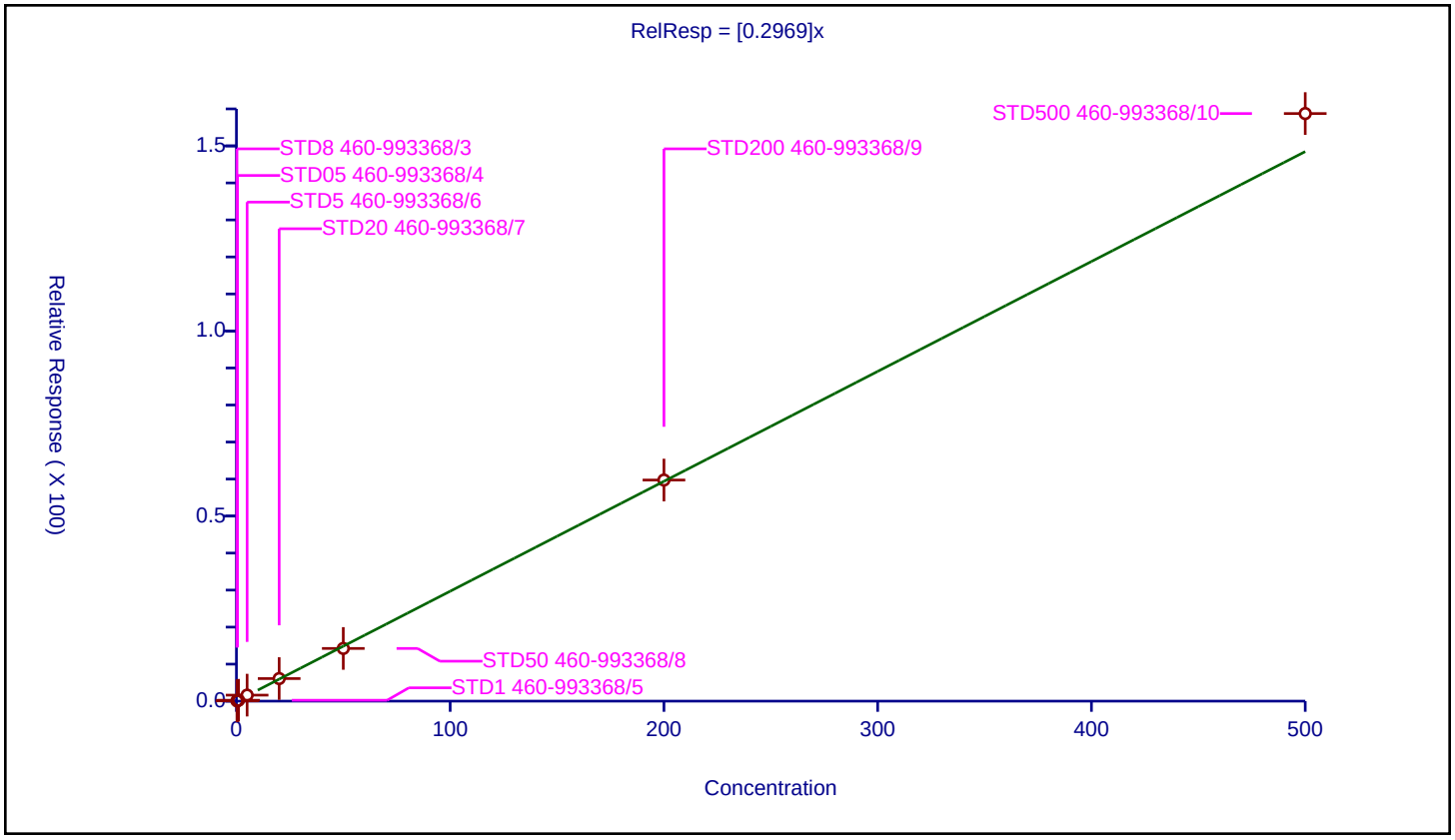
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.075755	50.0	794663.0	0.303022	Y
2	STD05 460-993368/4	0.5	0.151659	50.0	767841.0	0.303318	Y
3	STD1 460-993368/5	1.0	0.238237	50.0	736870.0	0.238237	Y
4	STD5 460-993368/6	5.0	1.625879	50.0	753377.0	0.325176	Y
5	STD20 460-993368/7	20.0	6.095529	50.0	750665.0	0.304776	Y
6	STD50 460-993368/8	50.0	14.238223	50.0	760583.0	0.284764	Y
7	STD200 460-993368/9	200.0	59.73398	50.0	788850.0	0.29867	Y
8	STD500 460-993368/10	500.0	158.739912	50.0	838521.0	0.31748	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

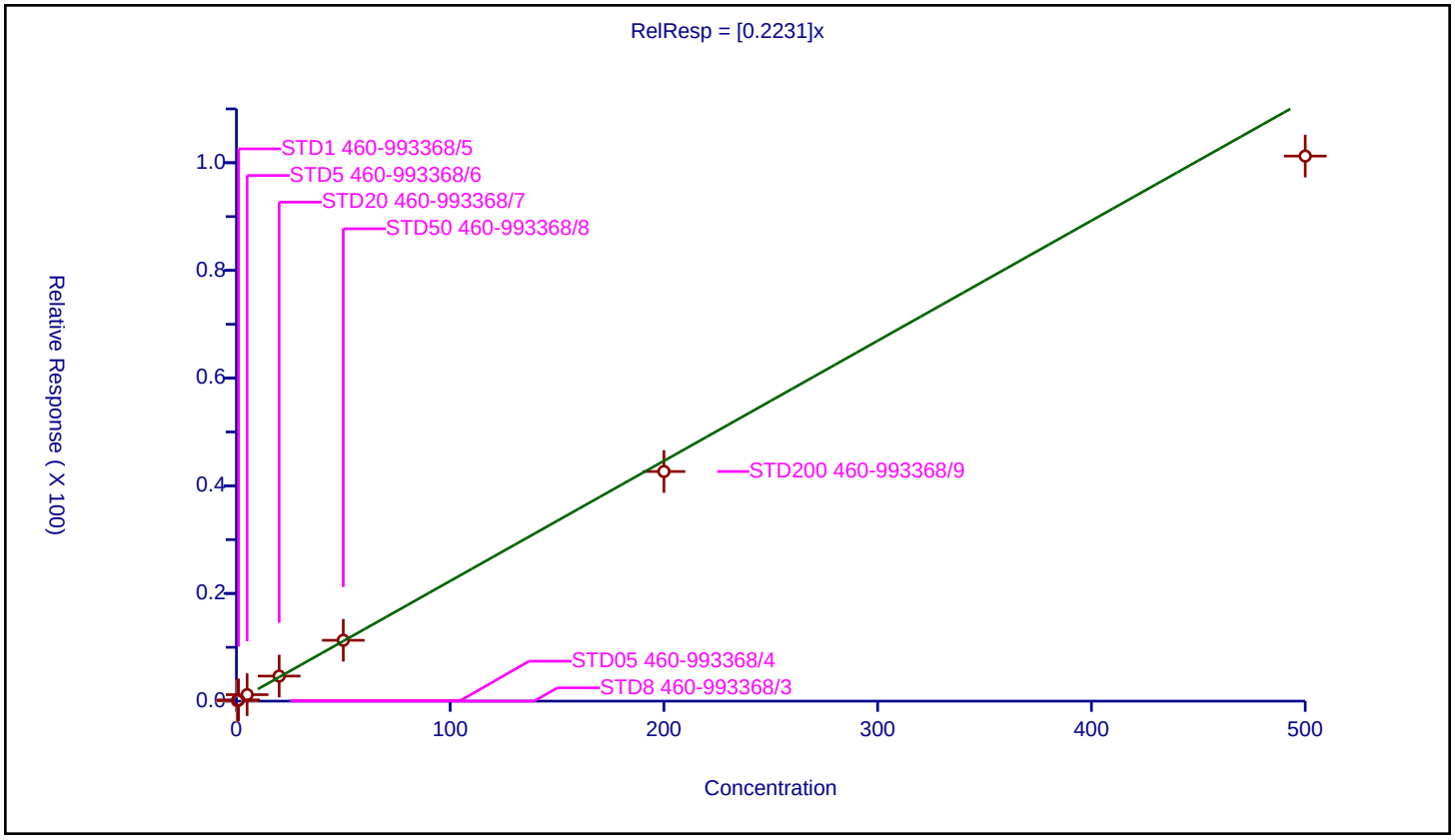
Curve Coefficients

Intercept:	0
Slope:	0.2231

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.107835	50.0	767841.0	0.21567	Y
3	STD1 460-993368/5	1.0	0.230231	50.0	736870.0	0.230231	Y
4	STD5 460-993368/6	5.0	1.205771	50.0	753377.0	0.241154	Y
5	STD20 460-993368/7	20.0	4.656271	50.0	750665.0	0.232814	Y
6	STD50 460-993368/8	50.0	11.307116	50.0	760583.0	0.226142	Y
7	STD200 460-993368/9	200.0	42.653356	50.0	788850.0	0.213267	Y
8	STD500 460-993368/10	500.0	101.238788	50.0	838521.0	0.202478	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

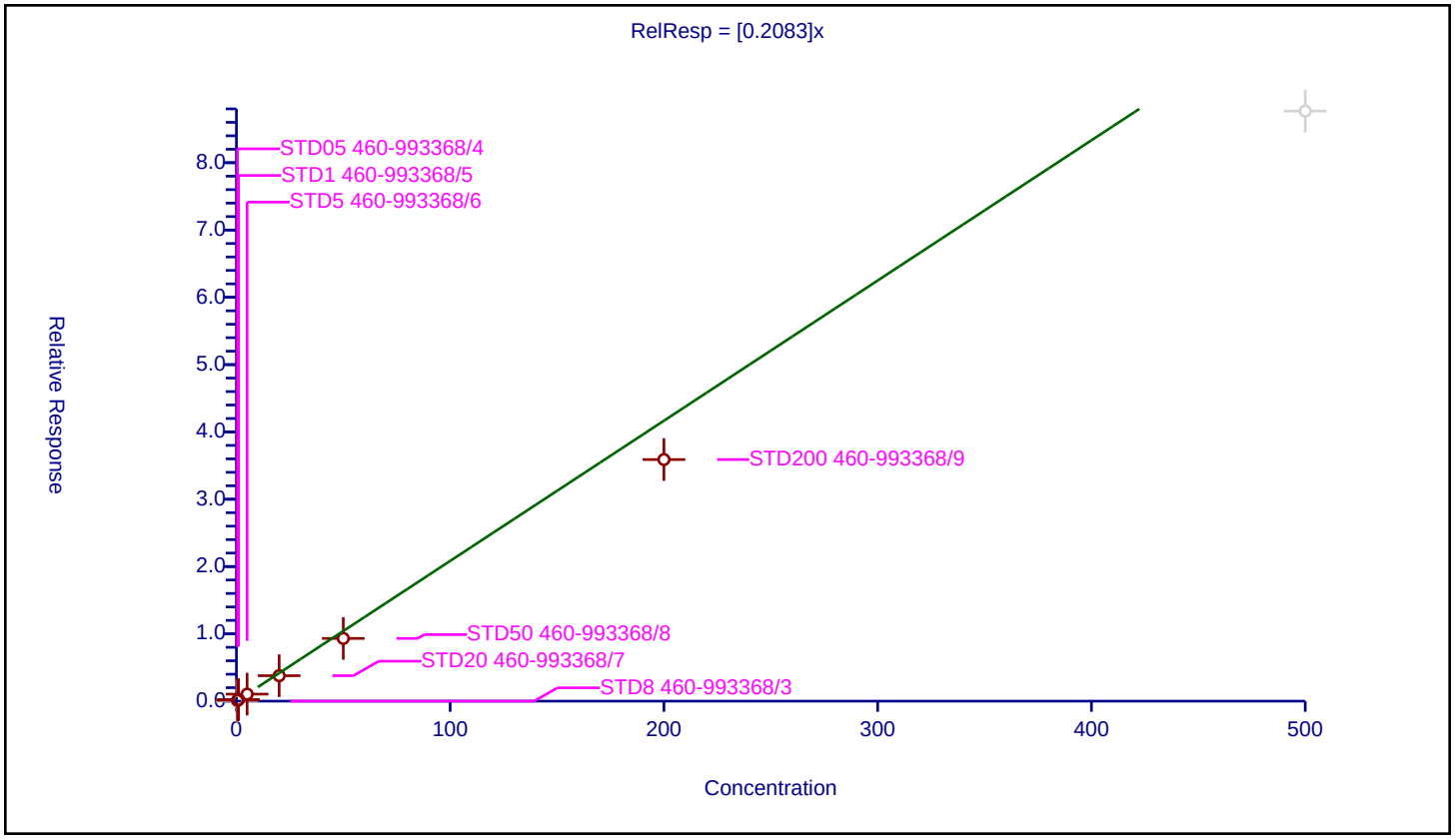
Curve Coefficients

Intercept:	0
Slope:	0.2083

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.128086	50.0	767841.0	0.256173	Y
3	STD1 460-993368/5	1.0	0.230095	50.0	736870.0	0.230095	Y
4	STD5 460-993368/6	5.0	1.043701	50.0	753377.0	0.20874	Y
5	STD20 460-993368/7	20.0	3.782979	50.0	750665.0	0.189149	Y
6	STD50 460-993368/8	50.0	9.317589	50.0	760583.0	0.186352	Y
7	STD200 460-993368/9	200.0	35.896178	50.0	788850.0	0.179481	Y
8	STD500 460-993368/10	500.0	87.675443	50.0	838521.0	0.175351	N



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

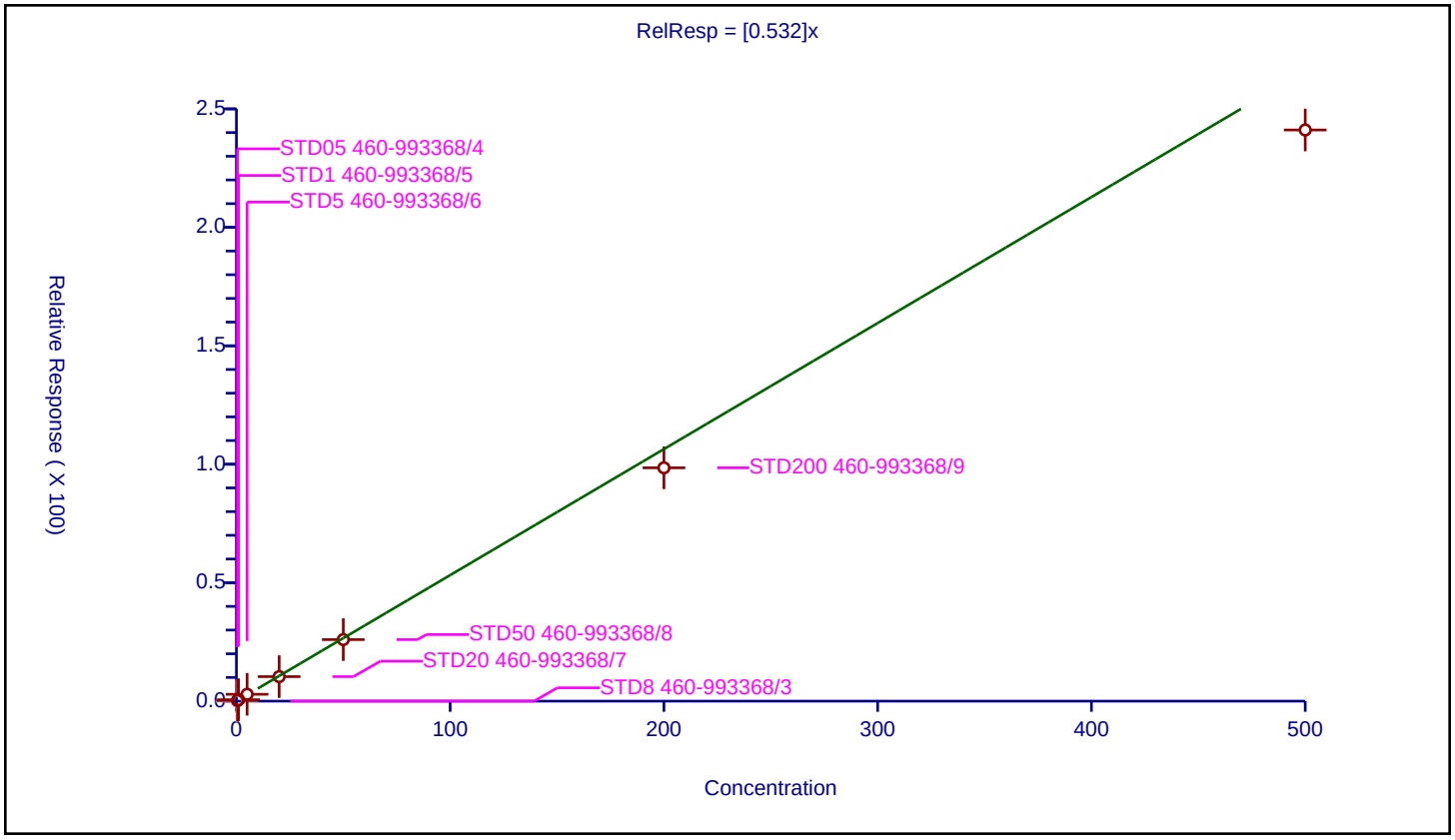
Curve Coefficients

Intercept:	0
Slope:	0.532

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.266787	50.0	767841.0	0.533574	Y
3	STD1 460-993368/5	1.0	0.600242	50.0	736870.0	0.600242	Y
4	STD5 460-993368/6	5.0	2.890585	50.0	753377.0	0.578117	Y
5	STD20 460-993368/7	20.0	10.352421	50.0	750665.0	0.517621	Y
6	STD50 460-993368/8	50.0	25.980399	50.0	760583.0	0.519608	Y
7	STD200 460-993368/9	200.0	98.488116	50.0	788850.0	0.492441	Y
8	STD500 460-993368/10	500.0	241.093723	50.0	838521.0	0.482187	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

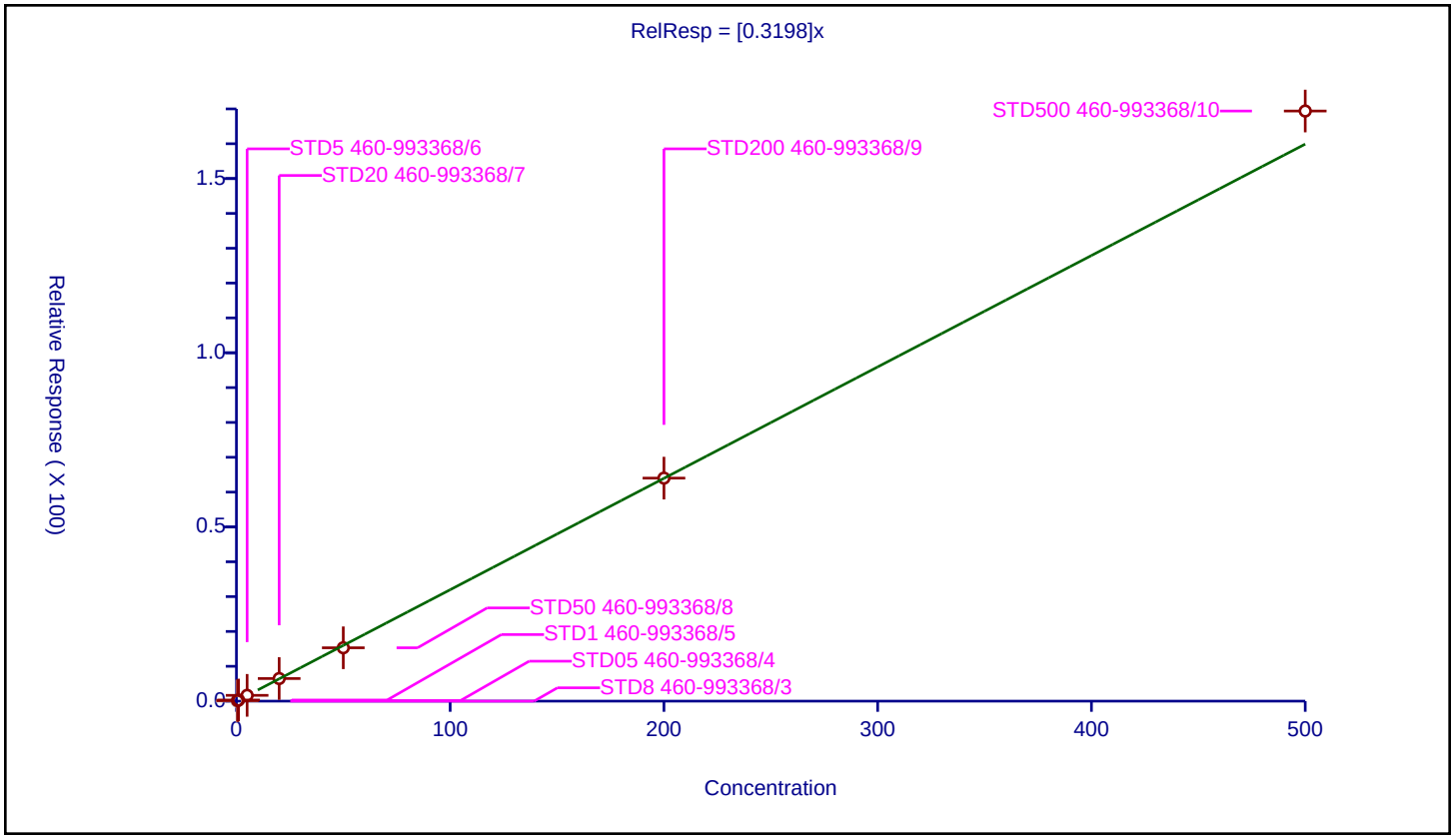
Curve Coefficients

Intercept:	0
Slope:	0.3198

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.151073	50.0	767841.0	0.302146	Y
3	STD1 460-993368/5	1.0	0.314574	50.0	736870.0	0.314574	Y
4	STD5 460-993368/6	5.0	1.661386	50.0	753377.0	0.332277	Y
5	STD20 460-993368/7	20.0	6.485649	50.0	750665.0	0.324282	Y
6	STD50 460-993368/8	50.0	15.320682	50.0	760583.0	0.306414	Y
7	STD200 460-993368/9	200.0	64.017367	50.0	788850.0	0.320087	Y
8	STD500 460-993368/10	500.0	169.385561	50.0	838521.0	0.338771	Y



Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

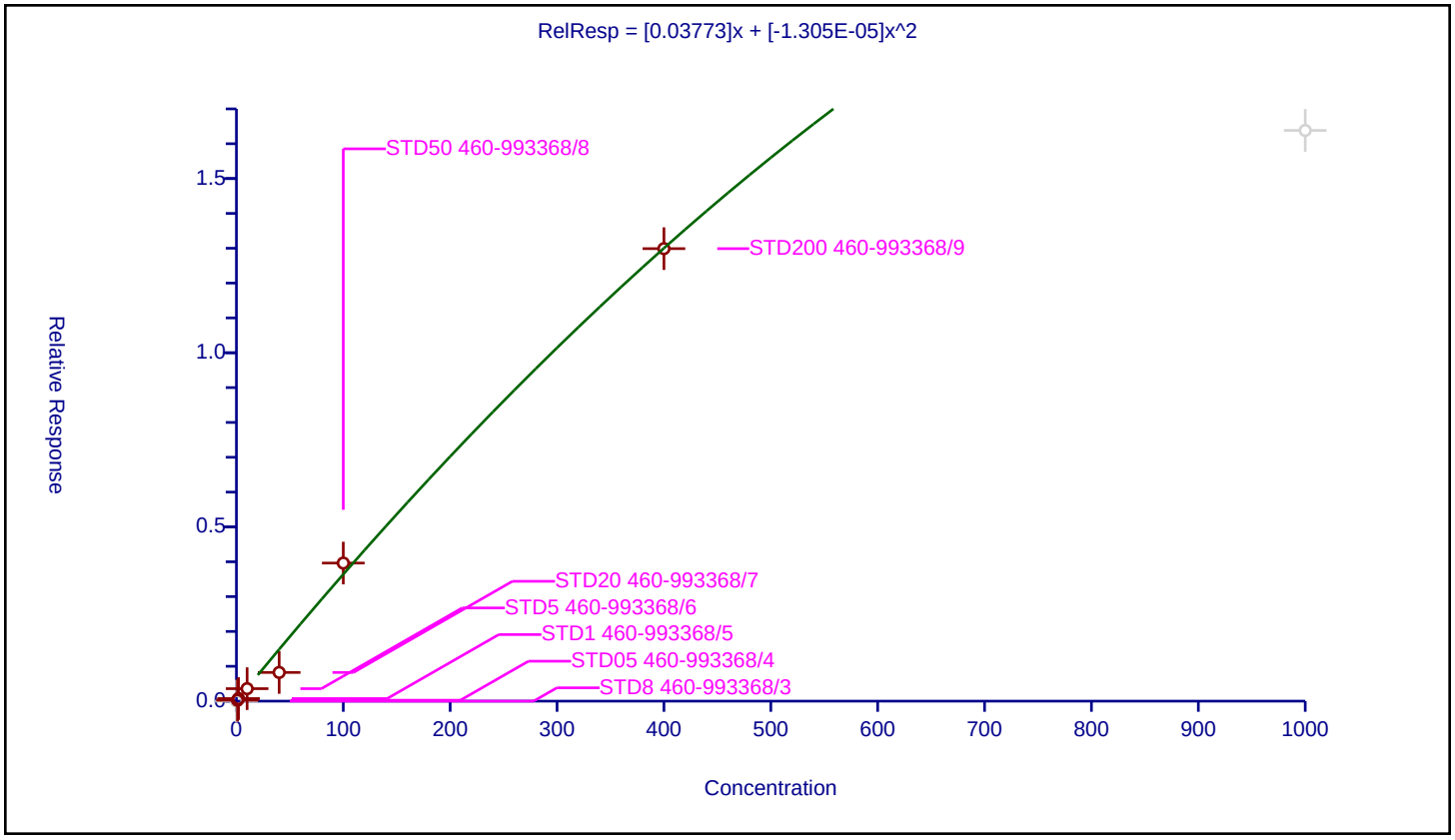
Curve Coefficients

Intercept:	0
Slope:	0.03773
Second Order:	-1.305E-05

Error Coefficients

Relative Standard Deviation:	27.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.026438	50.0	767841.0	0.026438	Y
3	STD1 460-993368/5	2.0	0.073826	50.0	736870.0	0.036913	Y
4	STD5 460-993368/6	10.0	0.358121	50.0	753377.0	0.035812	Y
5	STD20 460-993368/7	40.0	0.824003	50.0	750665.0	0.0206	Y
6	STD50 460-993368/8	100.0	3.963407	50.0	760583.0	0.039634	Y
7	STD200 460-993368/9	400.0	12.988654	50.0	788850.0	0.032472	Y
8	STD500 460-993368/10	1000.0	16.381343	50.0	838521.0	0.016381	N



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

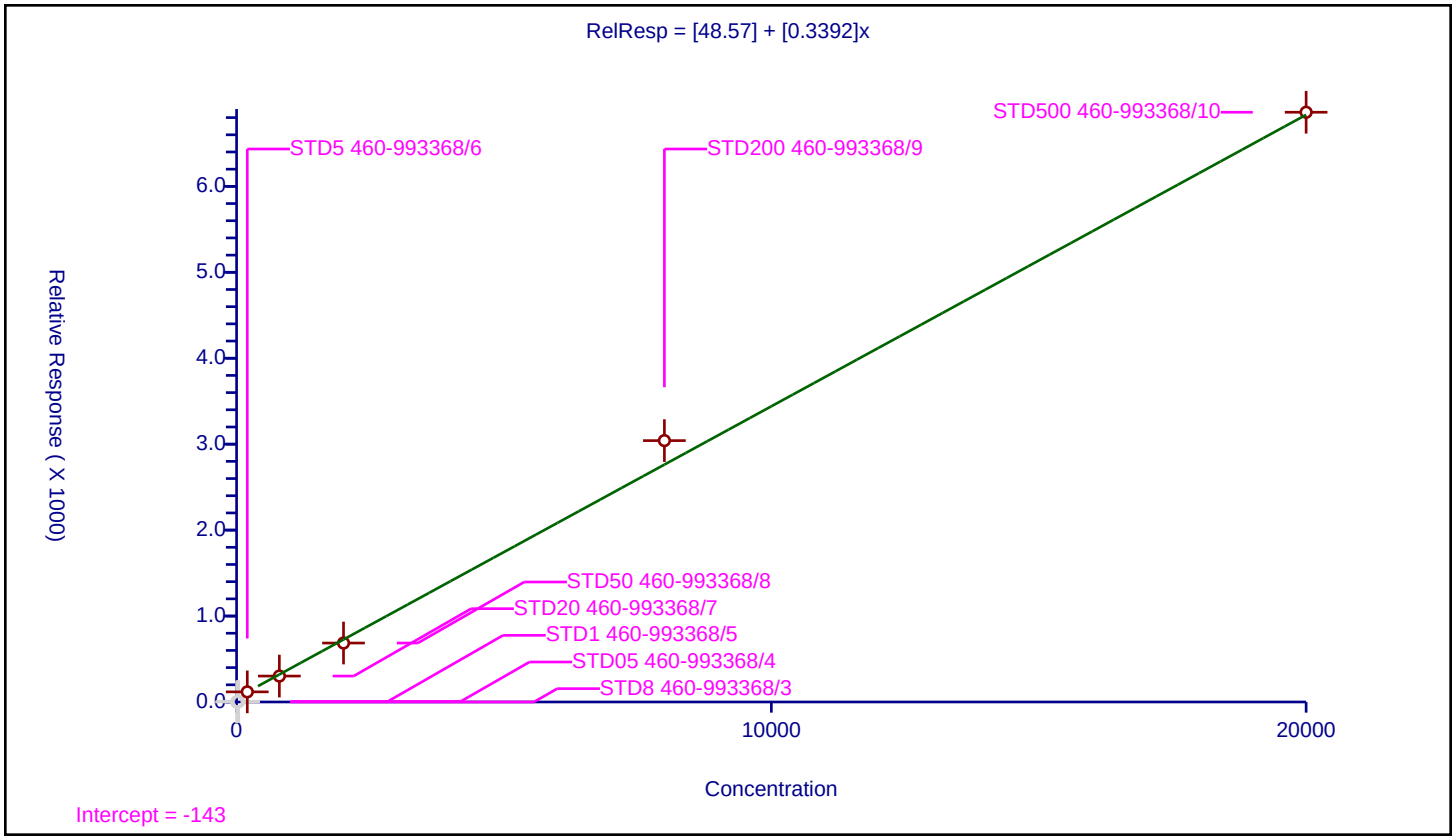
Curve Coefficients

Intercept:	48.57
Slope:	0.3392

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	20.0	6.320431	1000.0	40820.0	0.316022	N
3	STD1 460-993368/5	40.0	3.594982	1000.0	40334.0	0.089875	N
4	STD5 460-993368/6	200.0	117.779805	1000.0	41654.0	0.588899	Y
5	STD20 460-993368/7	800.0	301.683545	1000.0	46509.0	0.377104	Y
6	STD50 460-993368/8	2000.0	686.059043	1000.0	51962.0	0.34303	Y
7	STD200 460-993368/9	8000.0	3041.538549	1000.0	53011.0	0.380192	Y
8	STD500 460-993368/10	20000.0	6862.535954	1000.0	66752.0	0.343127	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

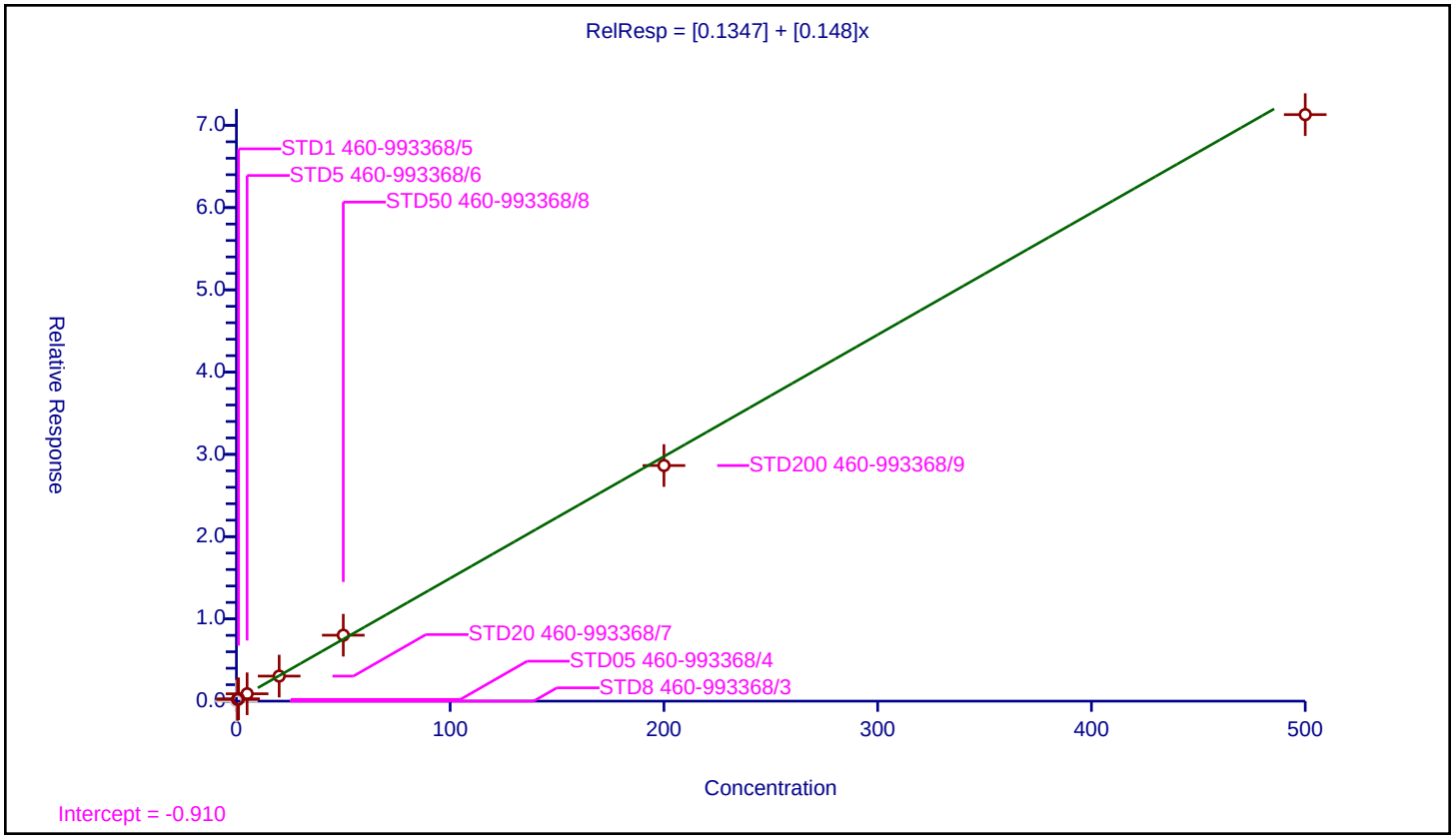
Curve Coefficients

Intercept:	0.1347
Slope:	0.148

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.208376	50.0	767841.0	0.416753	Y
3	STD1 460-993368/5	1.0	0.283361	50.0	736870.0	0.283361	Y
4	STD5 460-993368/6	5.0	0.895767	50.0	753377.0	0.179153	Y
5	STD20 460-993368/7	20.0	3.046699	50.0	750665.0	0.152335	Y
6	STD50 460-993368/8	50.0	8.013984	50.0	760583.0	0.16028	Y
7	STD200 460-993368/9	200.0	28.645243	50.0	788850.0	0.143226	Y
8	STD500 460-993368/10	500.0	71.304893	50.0	838521.0	0.14261	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

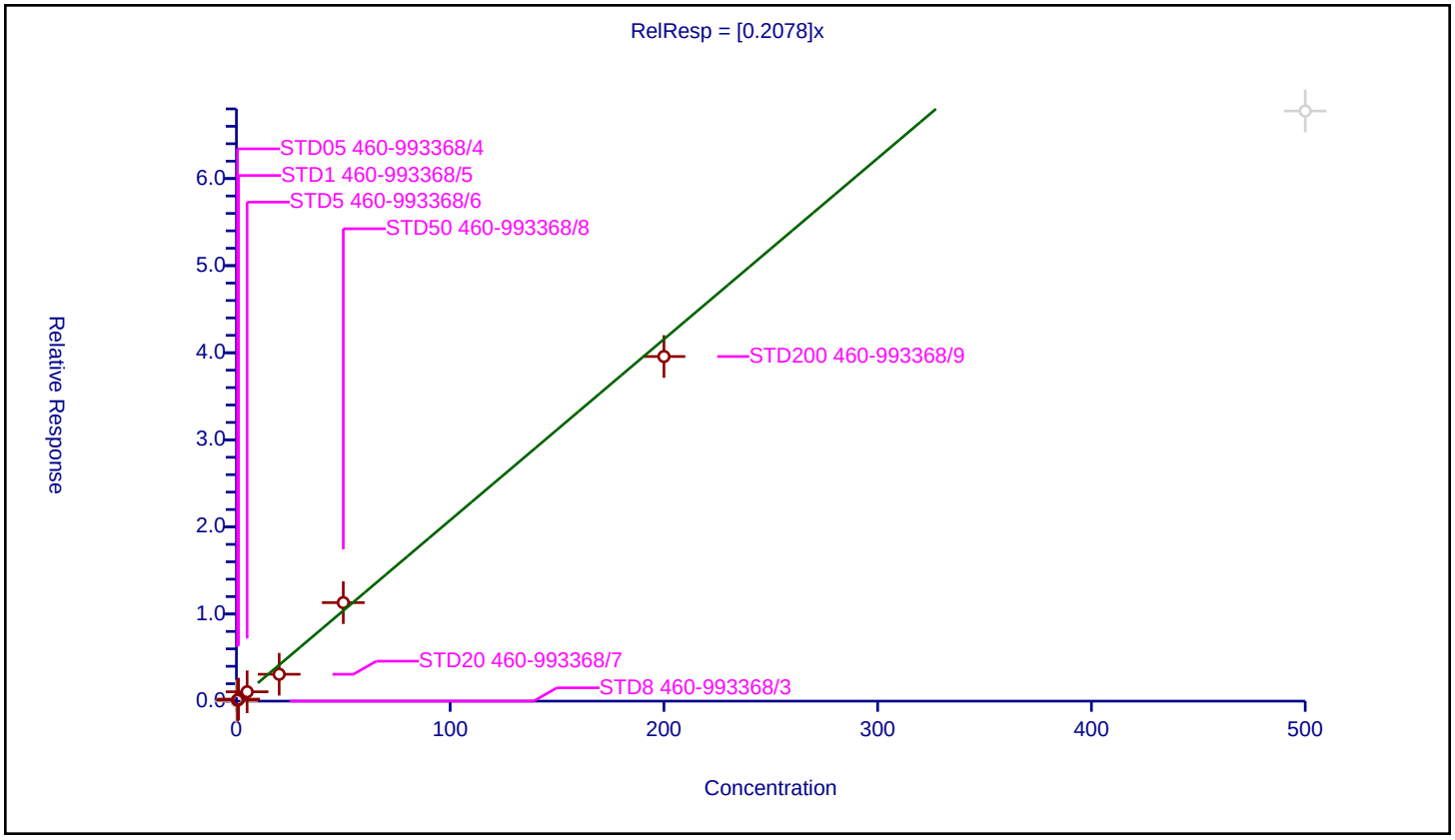
Curve Coefficients

Intercept:	0
Slope:	0.2078

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.111937	50.0	767841.0	0.223874	Y
3	STD1 460-993368/5	1.0	0.22962	50.0	736870.0	0.22962	Y
4	STD5 460-993368/6	5.0	1.073765	50.0	753377.0	0.214753	Y
5	STD20 460-993368/7	20.0	3.087795	50.0	750665.0	0.15439	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	39.568803	50.0	788850.0	0.197844	Y
8	STD500 460-993368/10	500.0	67.758231	50.0	838521.0	0.135516	N



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

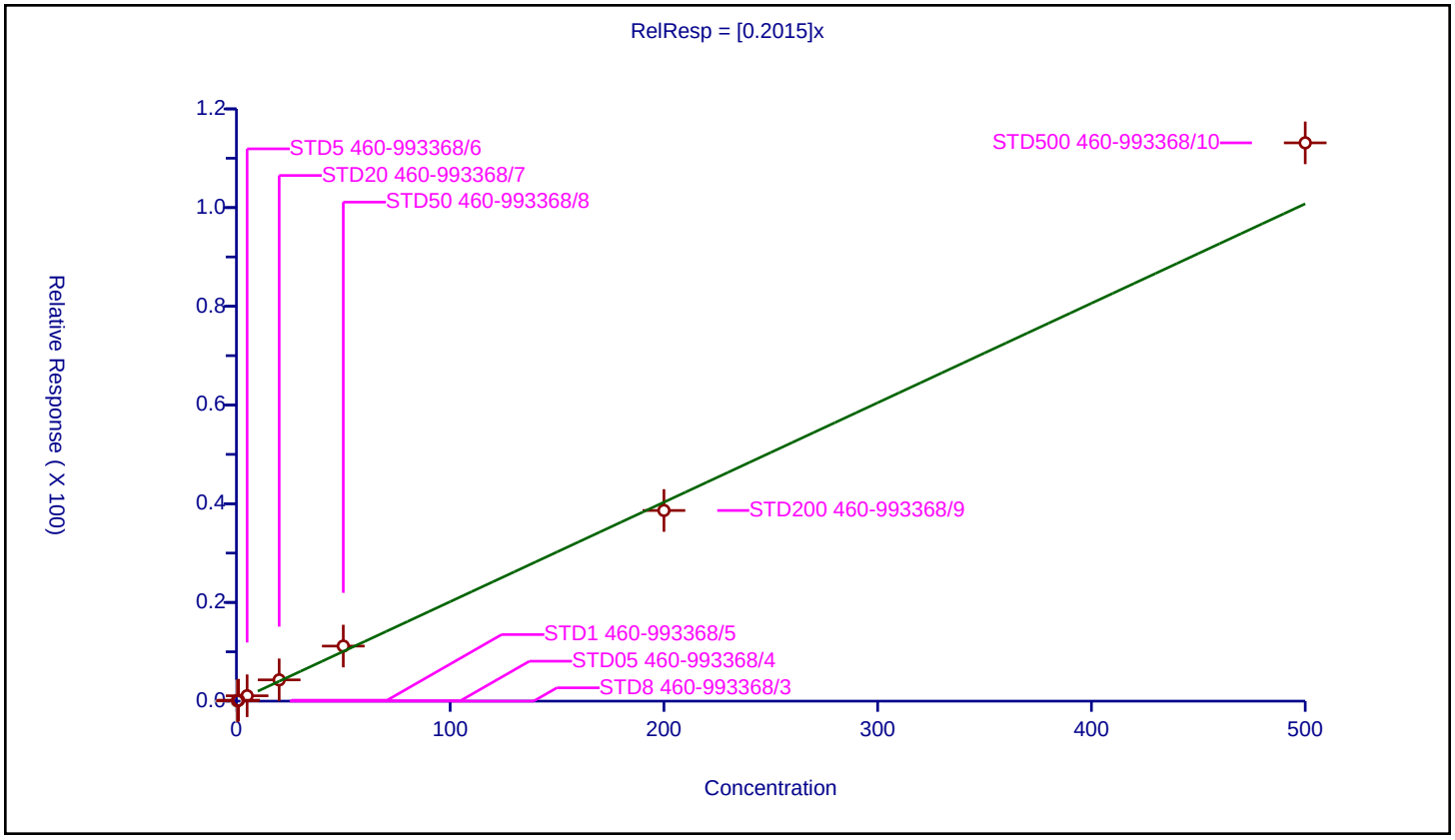
Curve Coefficients

Intercept:	0
Slope:	0.2015

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.072997	50.0	767841.0	0.145994	Y
3	STD1 460-993368/5	1.0	0.189586	50.0	736870.0	0.189586	Y
4	STD5 460-993368/6	5.0	1.08611	50.0	753377.0	0.217222	Y
5	STD20 460-993368/7	20.0	4.308846	50.0	750665.0	0.215442	Y
6	STD50 460-993368/8	50.0	11.156639	50.0	760583.0	0.223133	Y
7	STD200 460-993368/9	200.0	38.631742	50.0	788850.0	0.193159	Y
8	STD500 460-993368/10	500.0	113.118634	50.0	838521.0	0.226237	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

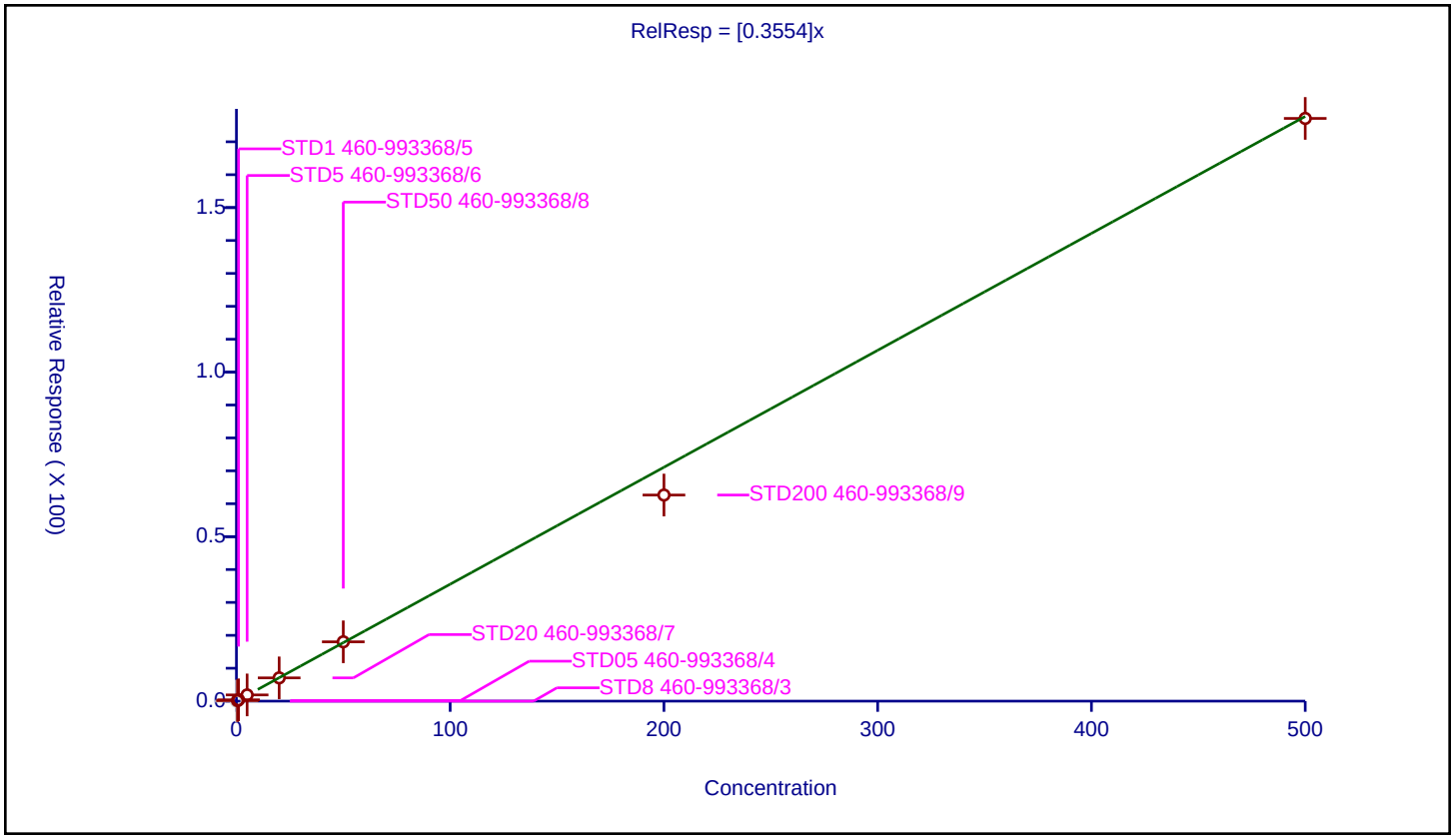
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.163445	50.0	767841.0	0.326891	Y
3	STD1 460-993368/5	1.0	0.400681	50.0	736870.0	0.400681	Y
4	STD5 460-993368/6	5.0	1.893541	50.0	753377.0	0.378708	Y
5	STD20 460-993368/7	20.0	7.072995	50.0	750665.0	0.35365	Y
6	STD50 460-993368/8	50.0	18.029853	50.0	760583.0	0.360597	Y
7	STD200 460-993368/9	200.0	62.64163	50.0	788850.0	0.313208	Y
8	STD500 460-993368/10	500.0	177.099441	50.0	838521.0	0.354199	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

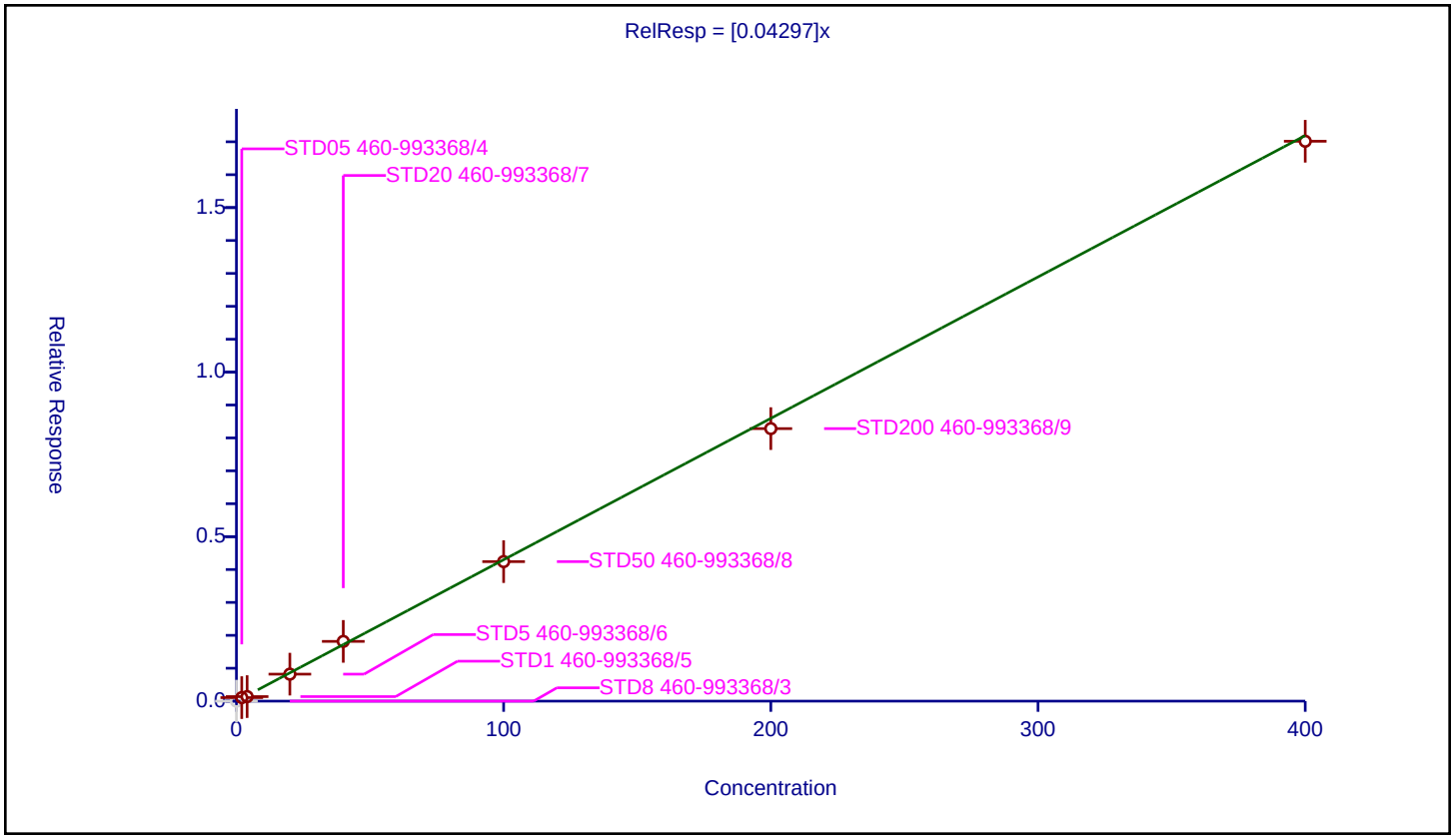
Curve Coefficients

Intercept:	0
Slope:	0.04297

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	2.0	0.107119	50.0	767841.0	0.053559	Y
3	STD1 460-993368/5	4.0	0.13788	50.0	736870.0	0.03447	Y
4	STD5 460-993368/6	20.0	0.820572	50.0	753377.0	0.041029	Y
5	STD20 460-993368/7	40.0	1.815923	50.0	750665.0	0.045398	Y
6	STD50 460-993368/8	100.0	4.2403	50.0	760583.0	0.042403	Y
7	STD200 460-993368/9	200.0	8.283387	50.0	788850.0	0.041417	Y
8	STD500 460-993368/10	400.0	17.016807	50.0	838521.0	0.042542	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

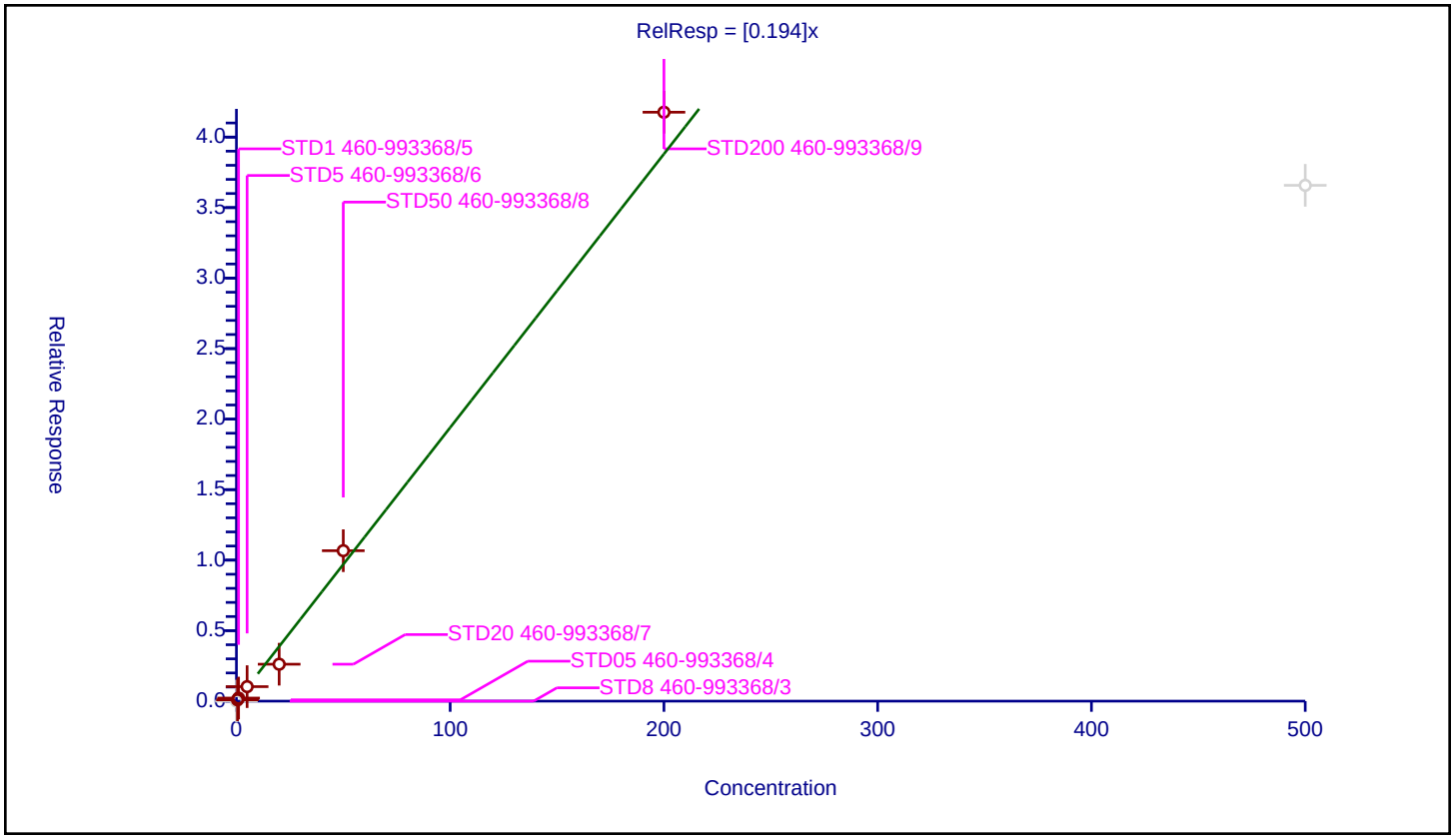
Curve Coefficients

Intercept:	0
Slope:	0.194

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.093769	50.0	767841.0	0.187539	Y
3	STD1 460-993368/5	1.0	0.217813	50.0	736870.0	0.217813	Y
4	STD5 460-993368/6	5.0	1.028104	50.0	753377.0	0.205621	Y
5	STD20 460-993368/7	20.0	2.619144	50.0	750665.0	0.130957	Y
6	STD50 460-993368/8	50.0	10.668001	50.0	760583.0	0.21336	Y
7	STD200 460-993368/9	200.0	41.76396	50.0	788850.0	0.20882	Y
8	STD500 460-993368/10	500.0	36.57875	50.0	838521.0	0.073157	N



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

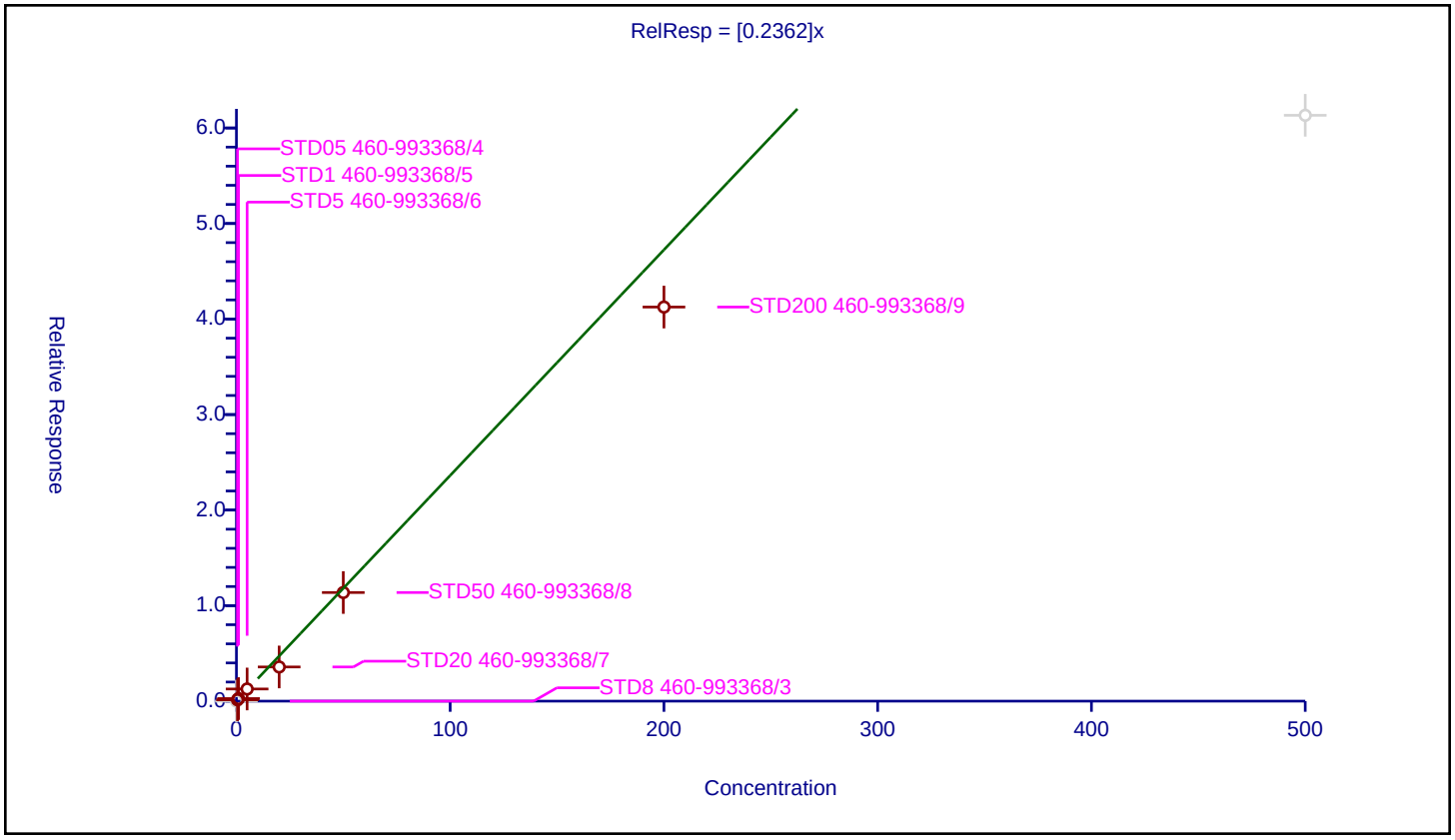
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.140524	50.0	767841.0	0.281048	Y
3	STD1 460-993368/5	1.0	0.269518	50.0	736870.0	0.269518	Y
4	STD5 460-993368/6	5.0	1.271541	50.0	753377.0	0.254308	Y
5	STD20 460-993368/7	20.0	3.577295	50.0	750665.0	0.178865	Y
6	STD50 460-993368/8	50.0	11.371343	50.0	760583.0	0.227427	Y
7	STD200 460-993368/9	200.0	41.255879	50.0	788850.0	0.206279	Y
8	STD500 460-993368/10	500.0	61.328279	50.0	838521.0	0.122657	N



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

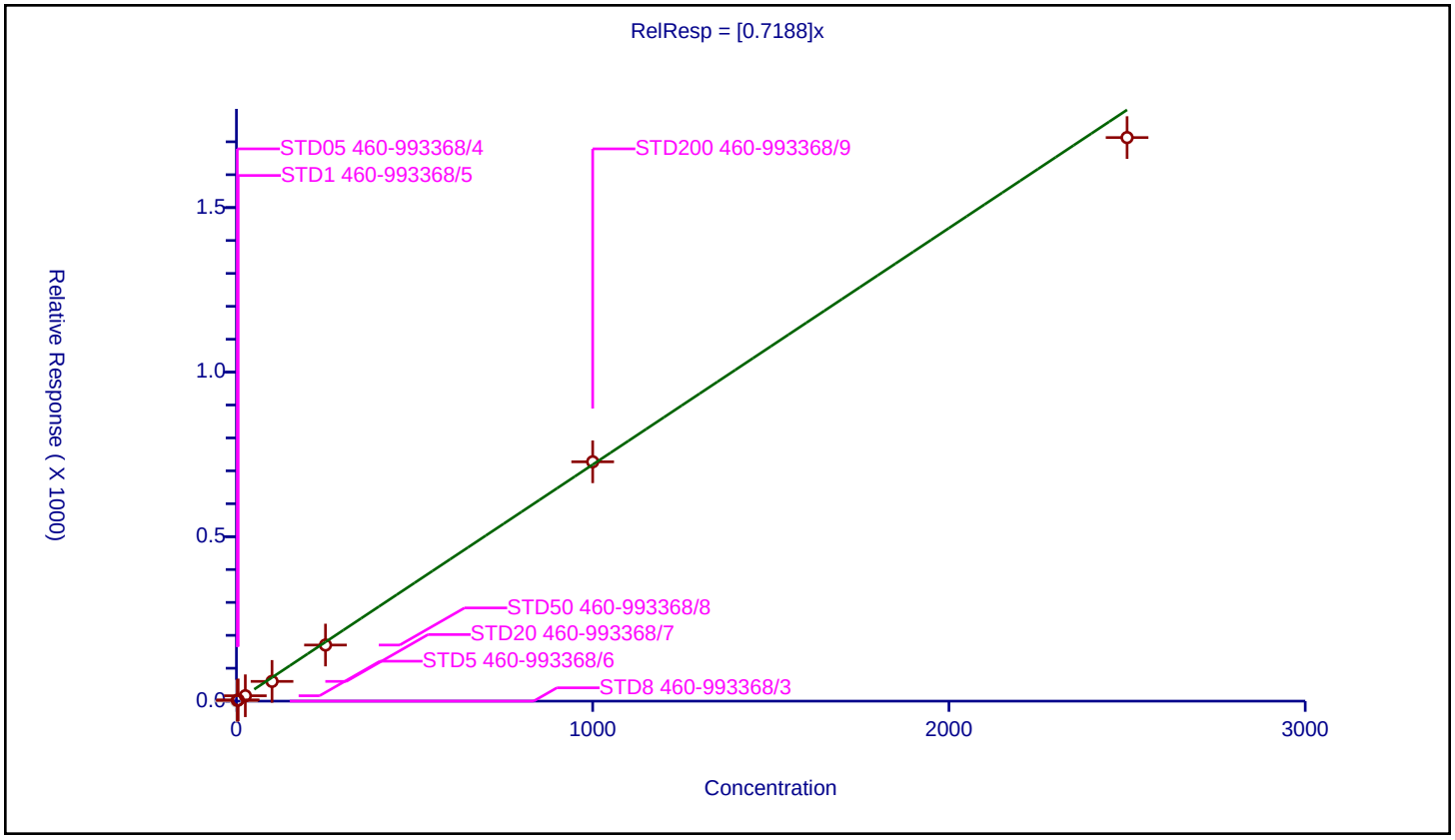
Curve Coefficients

Intercept:	0
Slope:	0.7188

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.382391	250.0	395506.0	0.952956	Y
3	STD1 460-993368/5	5.0	3.647848	250.0	398180.0	0.72957	Y
4	STD5 460-993368/6	25.0	16.353561	250.0	406838.0	0.654142	Y
5	STD20 460-993368/7	100.0	60.053248	250.0	409216.0	0.600532	Y
6	STD50 460-993368/8	250.0	170.505206	250.0	425965.0	0.682021	Y
7	STD200 460-993368/9	1000.0	727.463209	250.0	444806.0	0.727463	Y
8	STD500 460-993368/10	2500.0	1712.817426	250.0	496691.0	0.685127	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

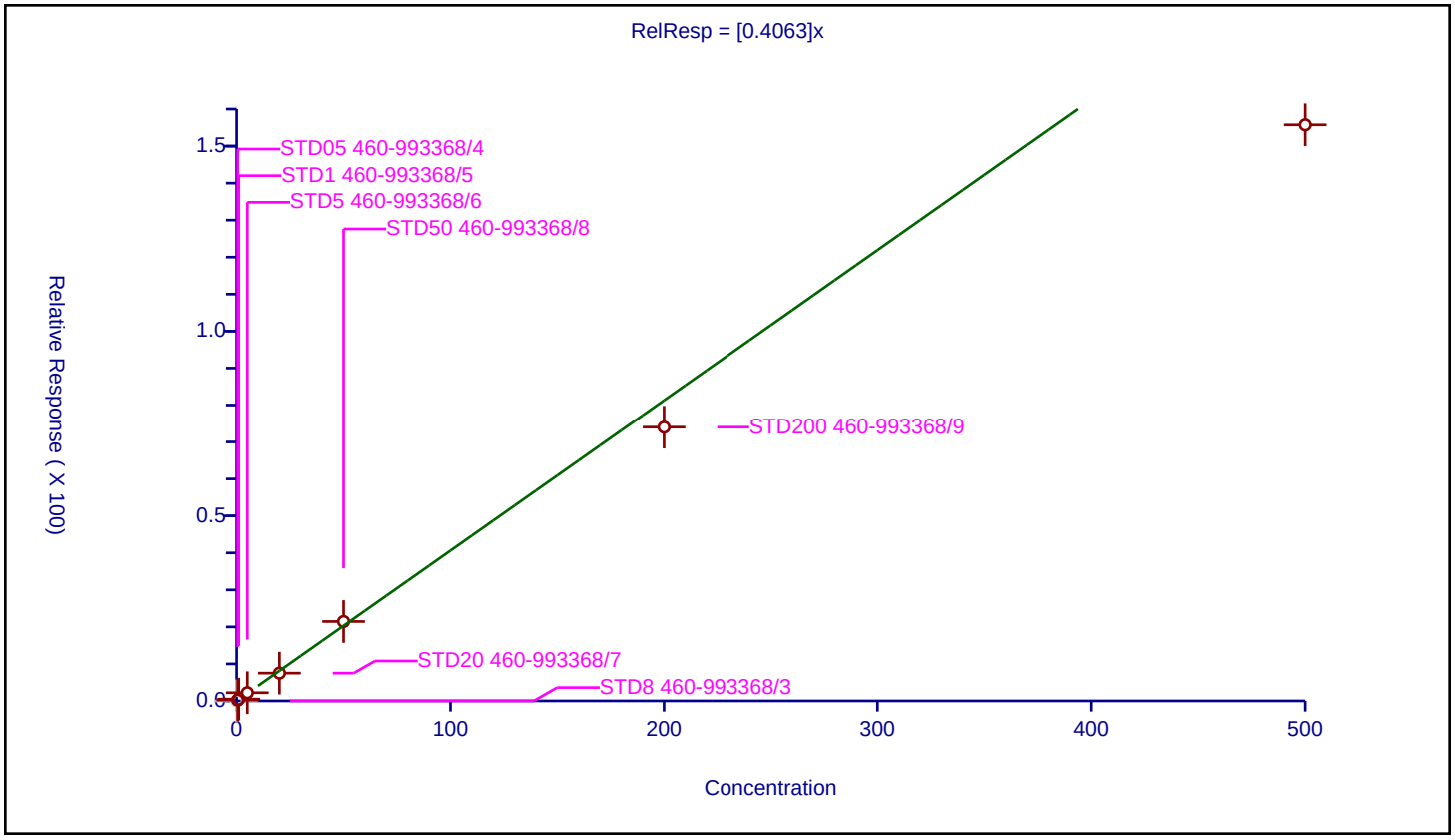
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.214563	50.0	767841.0	0.429125	Y
3	STD1 460-993368/5	1.0	0.486992	50.0	736870.0	0.486992	Y
4	STD5 460-993368/6	5.0	2.210845	50.0	753377.0	0.442169	Y
5	STD20 460-993368/7	20.0	7.505478	50.0	750665.0	0.375274	Y
6	STD50 460-993368/8	50.0	21.464193	50.0	760583.0	0.429284	Y
7	STD200 460-993368/9	200.0	74.007669	50.0	788850.0	0.370038	Y
8	STD500 460-993368/10	500.0	155.753583	50.0	838521.0	0.311507	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

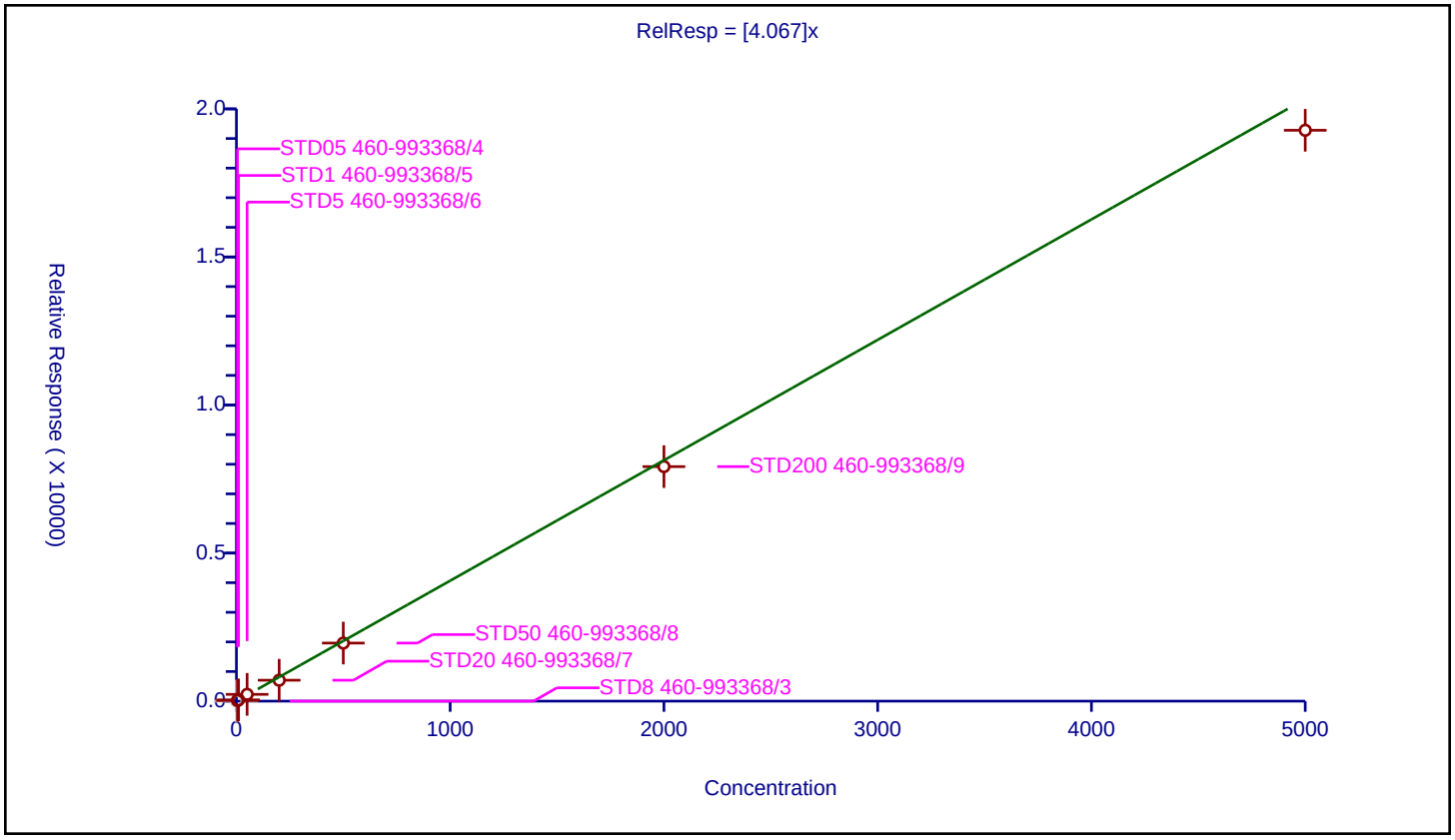
Curve Coefficients

Intercept:	0
Slope:	4.067

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	21.55806	1000.0	40820.0	4.311612	Y
3	STD1 460-993368/5	10.0	43.065404	1000.0	40334.0	4.30654	Y
4	STD5 460-993368/6	50.0	228.957603	1000.0	41654.0	4.579152	Y
5	STD20 460-993368/7	200.0	706.658926	1000.0	46509.0	3.533295	Y
6	STD50 460-993368/8	500.0	1960.85601	1000.0	51962.0	3.921712	Y
7	STD200 460-993368/9	2000.0	7919.903416	1000.0	53011.0	3.959952	Y
8	STD500 460-993368/10	5000.0	19277.80441	1000.0	66752.0	3.855561	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

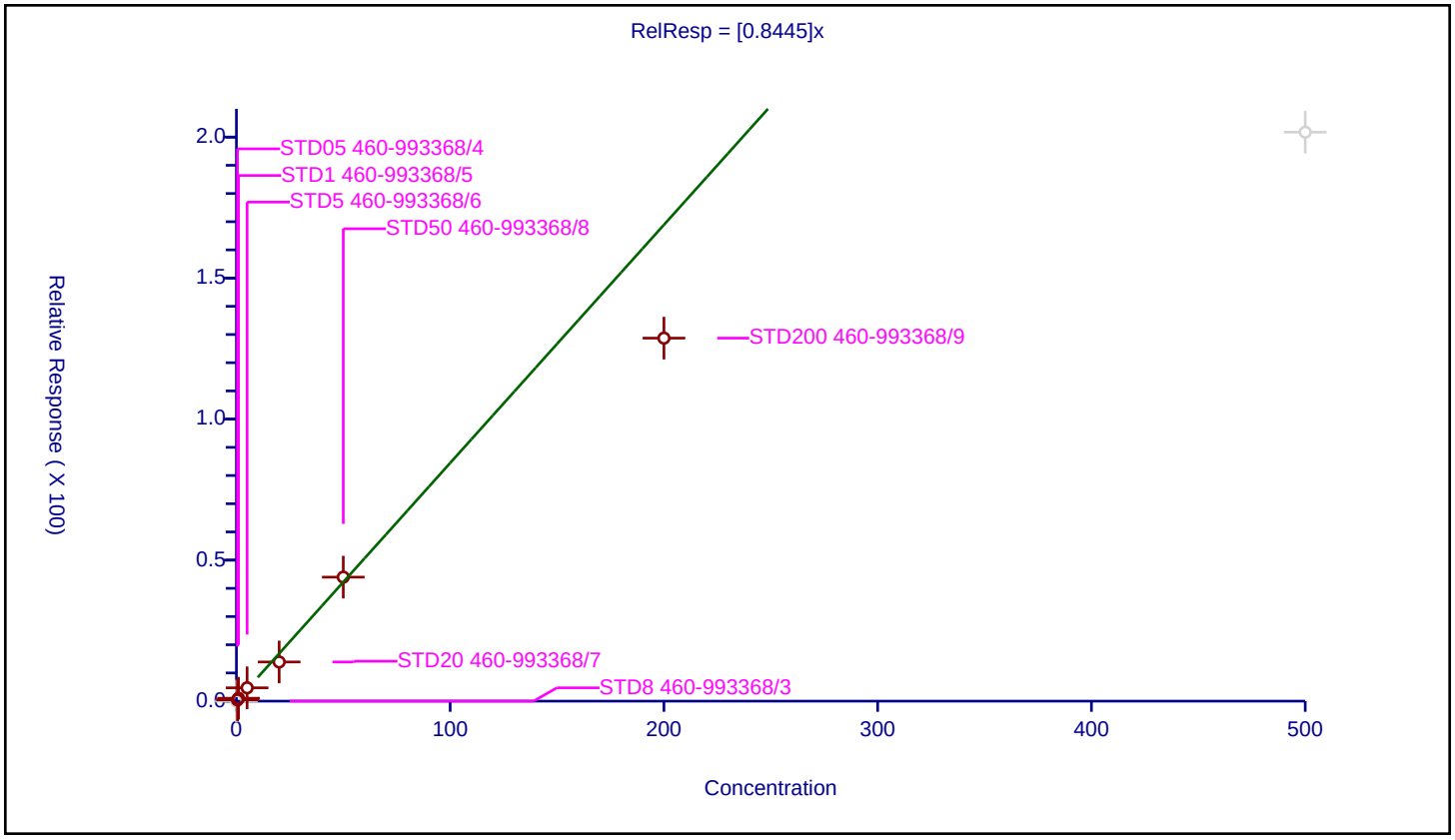
Curve Coefficients

Intercept:	0
Slope:	0.8445

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.441693	50.0	767841.0	0.883386	Y
3	STD1 460-993368/5	1.0	1.020872	50.0	736870.0	1.020872	Y
4	STD5 460-993368/6	5.0	4.726452	50.0	753377.0	0.94529	Y
5	STD20 460-993368/7	20.0	13.89075	50.0	750665.0	0.694538	Y
6	STD50 460-993368/8	50.0	43.963644	50.0	760583.0	0.879273	Y
7	STD200 460-993368/9	200.0	128.714331	50.0	788850.0	0.643572	Y
8	STD500 460-993368/10	500.0	201.750523	50.0	838521.0	0.403501	N



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

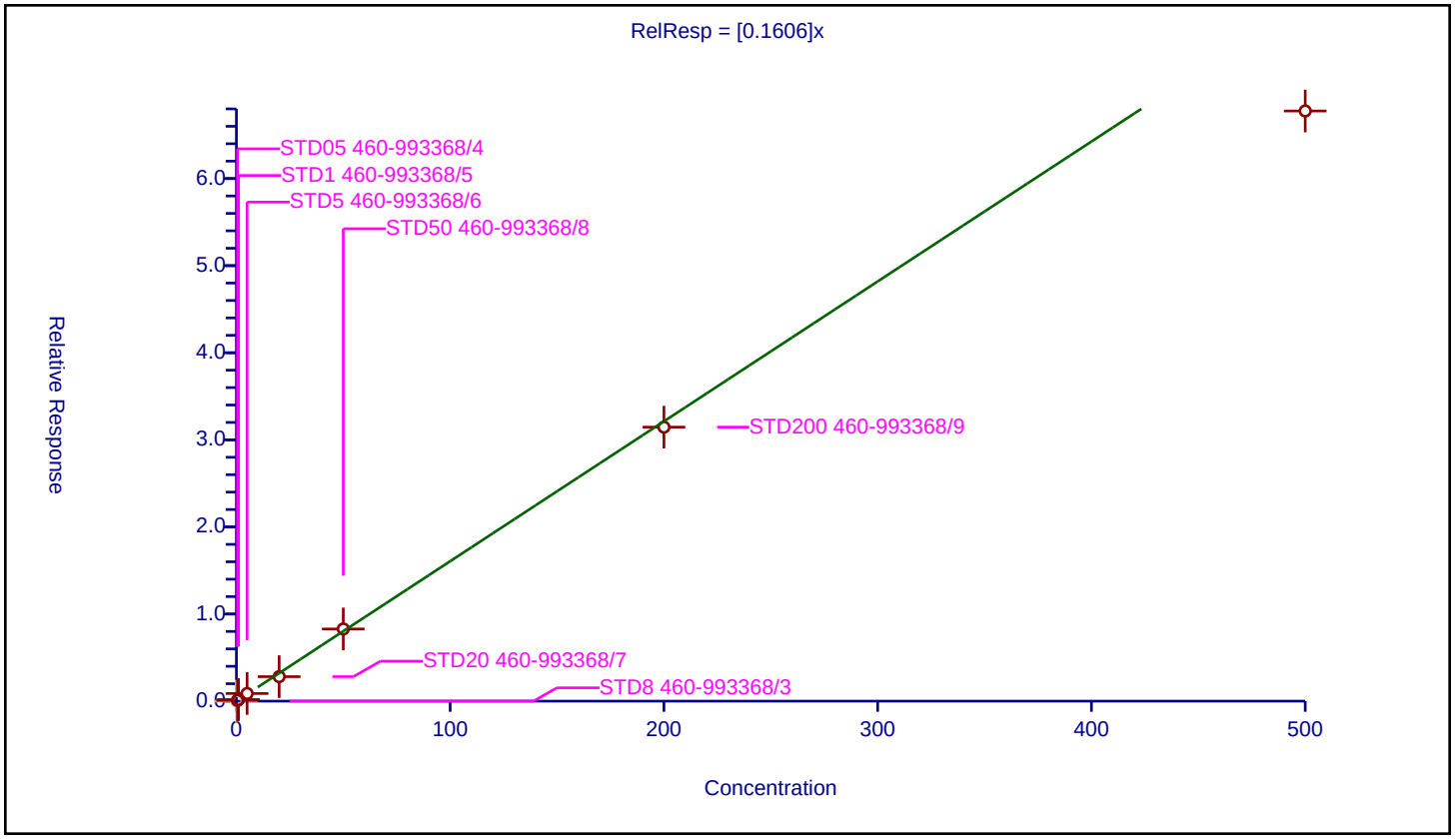
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.084523	50.0	767841.0	0.169045	Y
3	STD1 460-993368/5	1.0	0.180968	50.0	736870.0	0.180968	Y
4	STD5 460-993368/6	5.0	0.876454	50.0	753377.0	0.175291	Y
5	STD20 460-993368/7	20.0	2.811507	50.0	750665.0	0.140575	Y
6	STD50 460-993368/8	50.0	8.285815	50.0	760583.0	0.165716	Y
7	STD200 460-993368/9	200.0	31.458008	50.0	788850.0	0.15729	Y
8	STD500 460-993368/10	500.0	67.759543	50.0	838521.0	0.135519	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

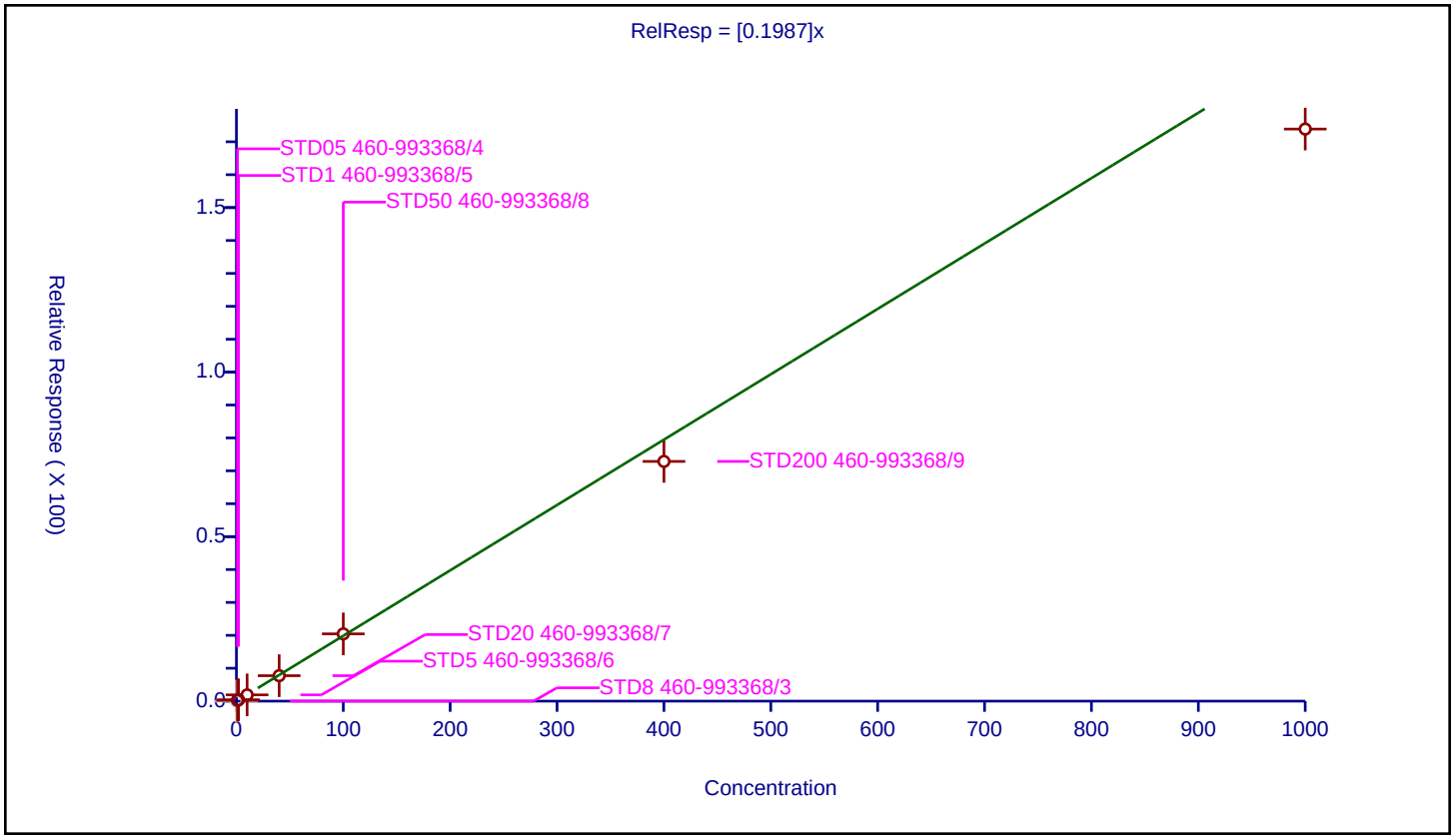
Curve Coefficients

Intercept:	0
Slope:	0.1987

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.24074	50.0	767841.0	0.24074	Y
3	STD1 460-993368/5	2.0	0.410927	50.0	736870.0	0.205464	Y
4	STD5 460-993368/6	10.0	1.909137	50.0	753377.0	0.190914	Y
5	STD20 460-993368/7	40.0	7.730546	50.0	750665.0	0.193264	Y
6	STD50 460-993368/8	100.0	20.444251	50.0	760583.0	0.204443	Y
7	STD200 460-993368/9	400.0	72.855296	50.0	788850.0	0.182138	Y
8	STD500 460-993368/10	1000.0	173.873701	50.0	838521.0	0.173874	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

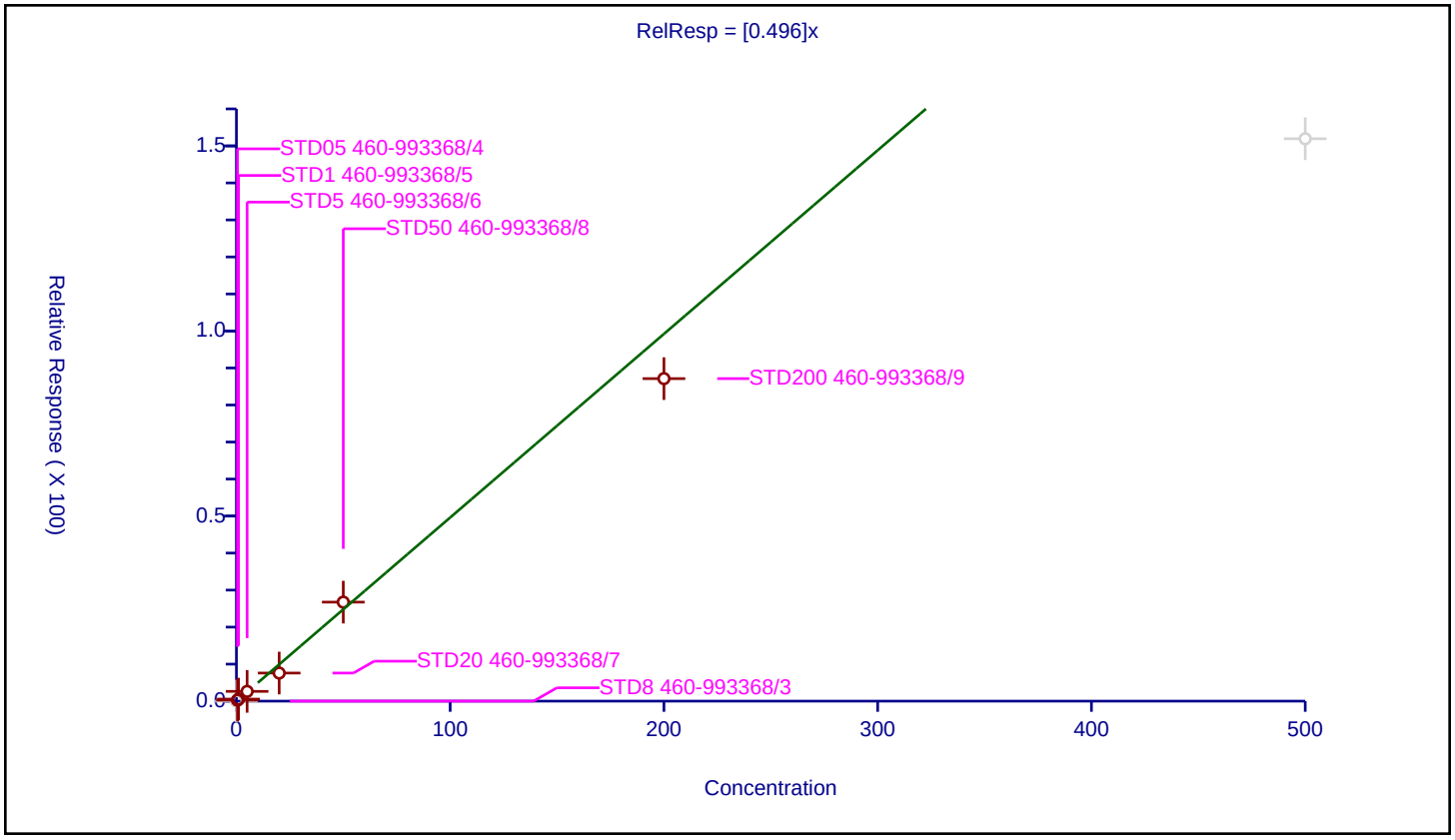
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.273169	50.0	767841.0	0.546337	Y
3	STD1 460-993368/5	1.0	0.553015	50.0	736870.0	0.553015	Y
4	STD5 460-993368/6	5.0	2.634073	50.0	753377.0	0.526815	Y
5	STD20 460-993368/7	20.0	7.588605	50.0	750665.0	0.37943	Y
6	STD50 460-993368/8	50.0	26.749152	50.0	760583.0	0.534983	Y
7	STD200 460-993368/9	200.0	87.129873	50.0	788850.0	0.435649	Y
8	STD500 460-993368/10	500.0	151.933583	50.0	838521.0	0.303867	N



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

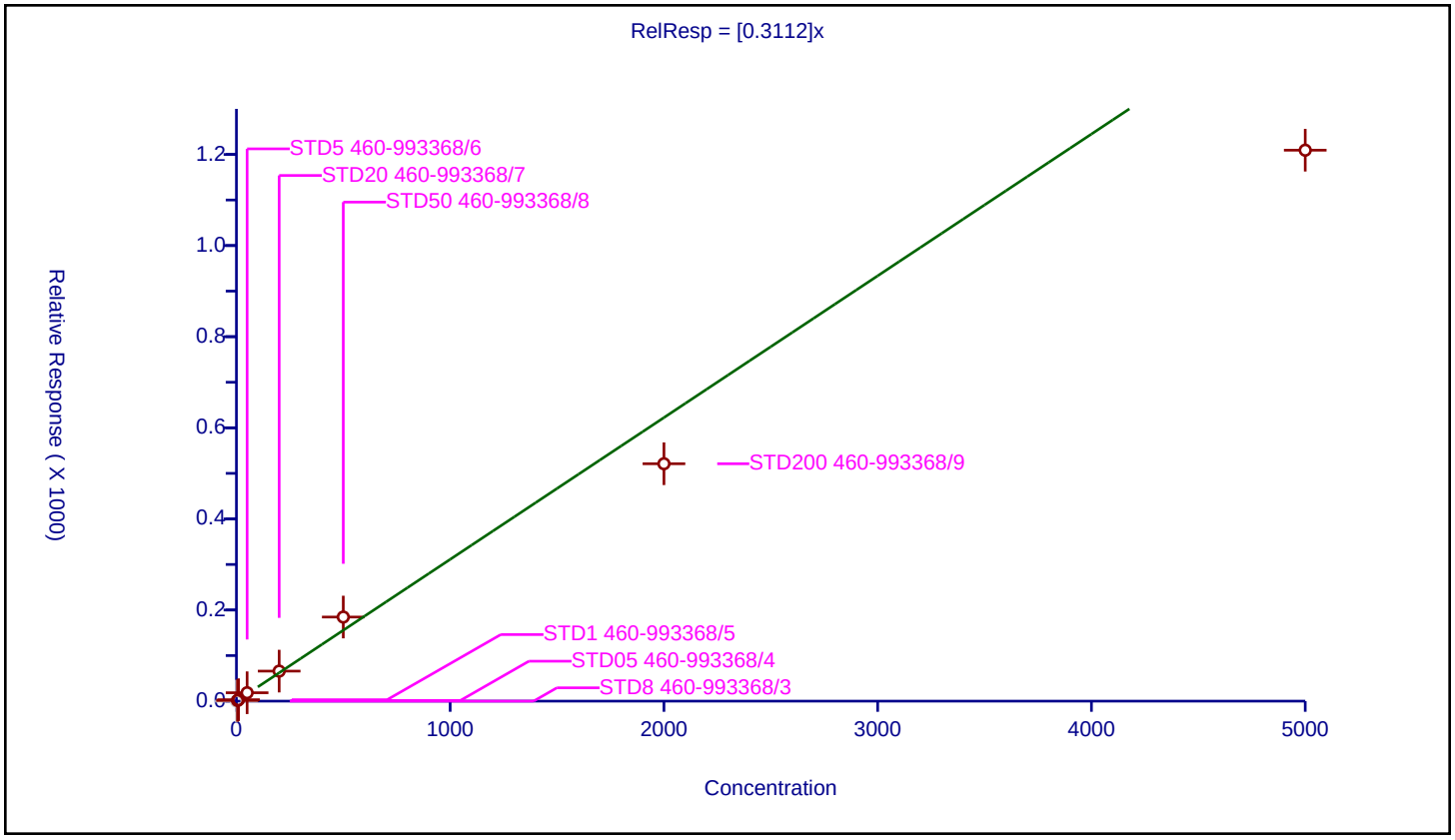
Curve Coefficients

Intercept:	0
Slope:	0.3112

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	5.0	1.490496	250.0	395506.0	0.298099	Y
3	STD1 460-993368/5	10.0	3.101612	250.0	398180.0	0.310161	Y
4	STD5 460-993368/6	50.0	18.439772	250.0	406838.0	0.368795	Y
5	STD20 460-993368/7	200.0	65.93706	250.0	409216.0	0.329685	Y
6	STD50 460-993368/8	500.0	184.601434	250.0	425965.0	0.369203	Y
7	STD200 460-993368/9	2000.0	521.084473	250.0	444806.0	0.260542	Y
8	STD500 460-993368/10	5000.0	1209.300652	250.0	496691.0	0.24186	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

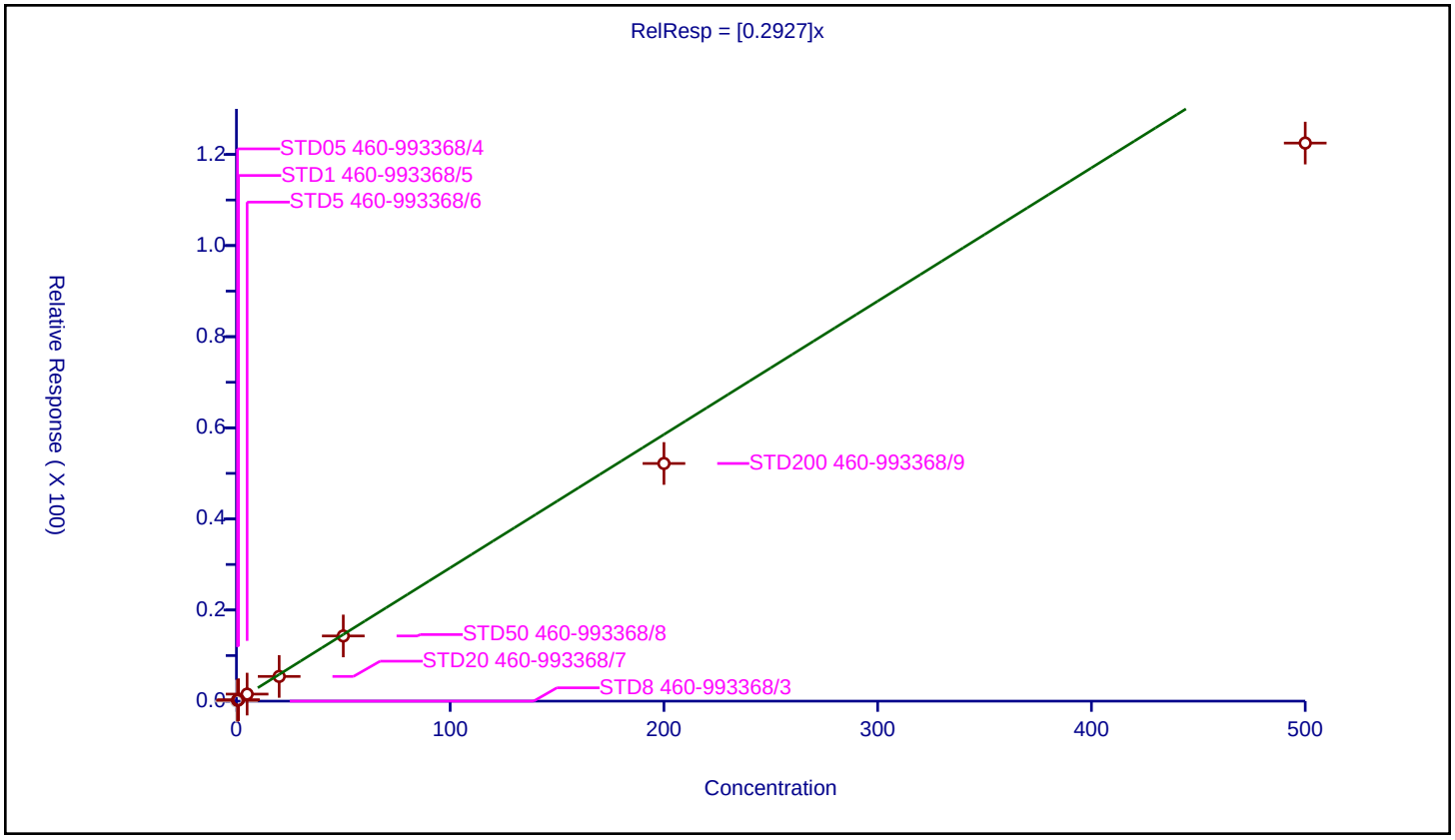
Curve Coefficients

Intercept:	0
Slope:	0.2927

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.185129	50.0	767841.0	0.370259	Y
3	STD1 460-993368/5	1.0	0.30616	50.0	736870.0	0.30616	Y
4	STD5 460-993368/6	5.0	1.54564	50.0	753377.0	0.309128	Y
5	STD20 460-993368/7	20.0	5.421593	50.0	750665.0	0.27108	Y
6	STD50 460-993368/8	50.0	14.306591	50.0	760583.0	0.286132	Y
7	STD200 460-993368/9	200.0	52.166952	50.0	788850.0	0.260835	Y
8	STD500 460-993368/10	500.0	122.499854	50.0	838521.0	0.245	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

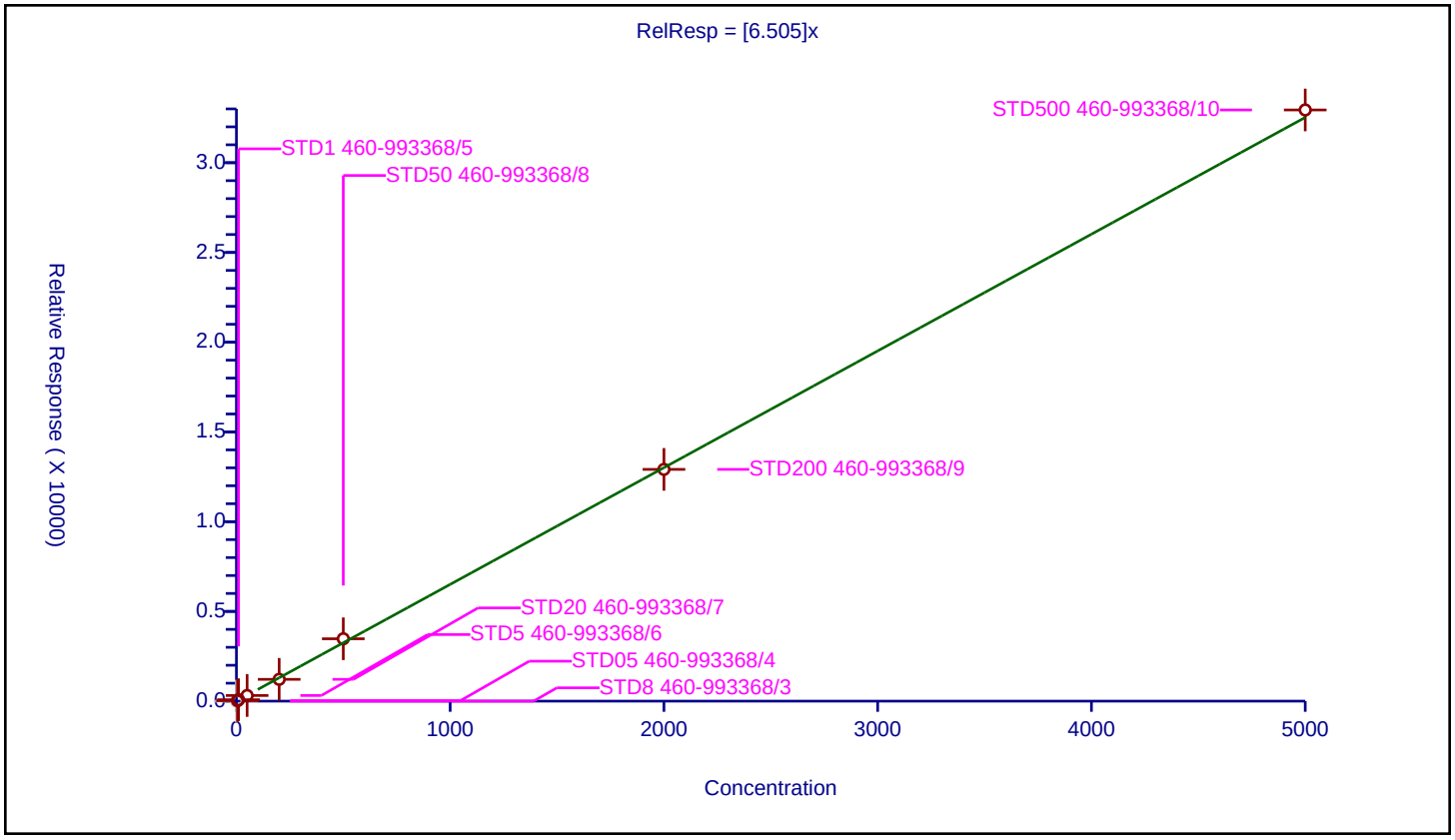
Curve Coefficients

Intercept:	0
Slope:	6.505

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	26.531112	1000.0	40820.0	5.306222	Y
3	STD1 460-993368/5	10.0	78.816879	1000.0	40334.0	7.881688	Y
4	STD5 460-993368/6	50.0	313.919432	1000.0	41654.0	6.278389	Y
5	STD20 460-993368/7	200.0	1214.646628	1000.0	46509.0	6.073233	Y
6	STD50 460-993368/8	500.0	3474.211924	1000.0	51962.0	6.948424	Y
7	STD200 460-993368/9	2000.0	12913.036917	1000.0	53011.0	6.456518	Y
8	STD500 460-993368/10	5000.0	32941.350072	1000.0	66752.0	6.58827	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

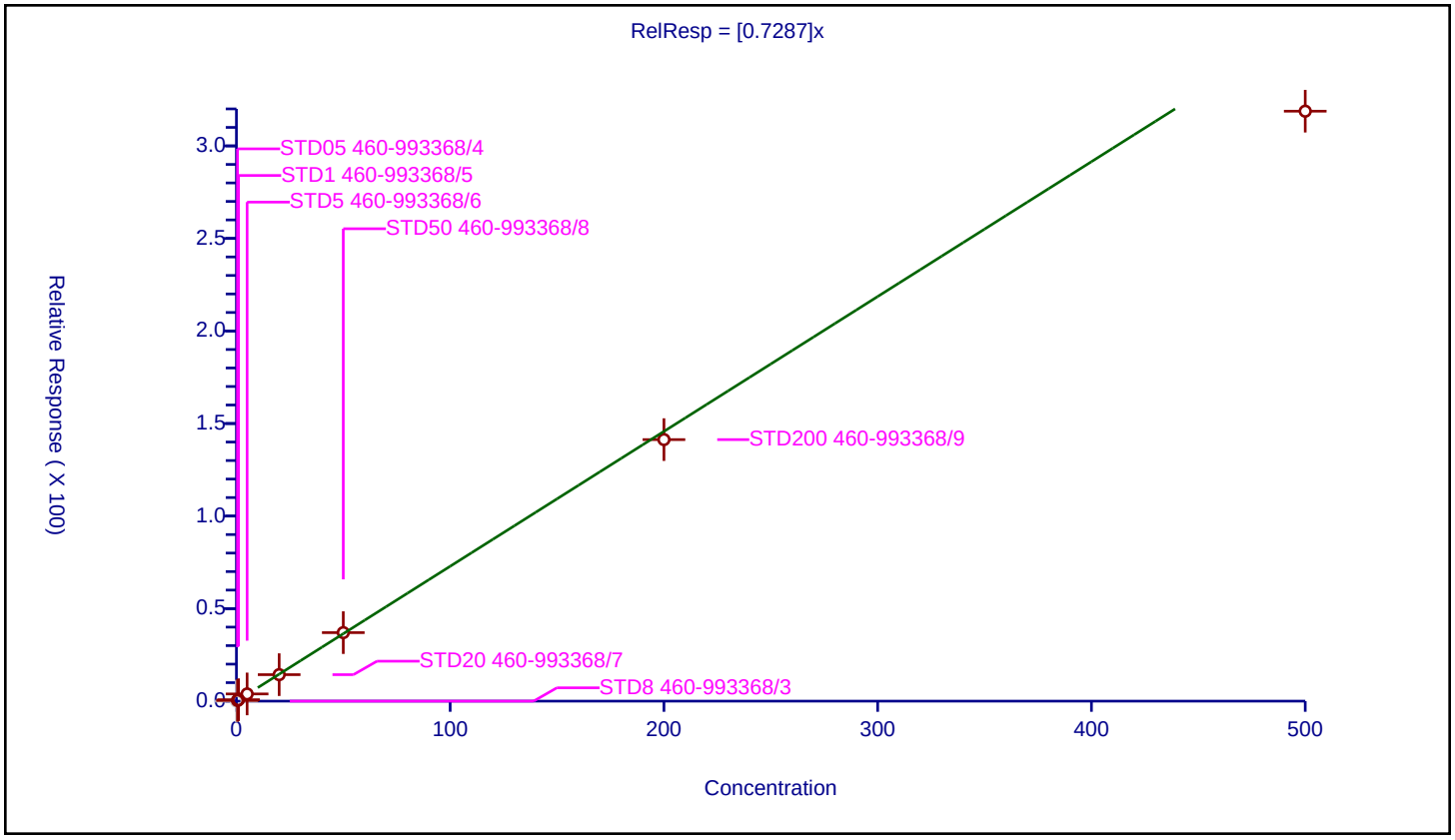
Curve Coefficients

Intercept:	0
Slope:	0.7287

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.373645	50.0	767841.0	0.74729	Y
3	STD1 460-993368/5	1.0	0.773881	50.0	736870.0	0.773881	Y
4	STD5 460-993368/6	5.0	3.897916	50.0	753377.0	0.779583	Y
5	STD20 460-993368/7	20.0	14.312243	50.0	750665.0	0.715612	Y
6	STD50 460-993368/8	50.0	37.022587	50.0	760583.0	0.740452	Y
7	STD200 460-993368/9	200.0	141.316917	50.0	788850.0	0.706585	Y
8	STD500 460-993368/10	500.0	318.759578	50.0	838521.0	0.637519	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

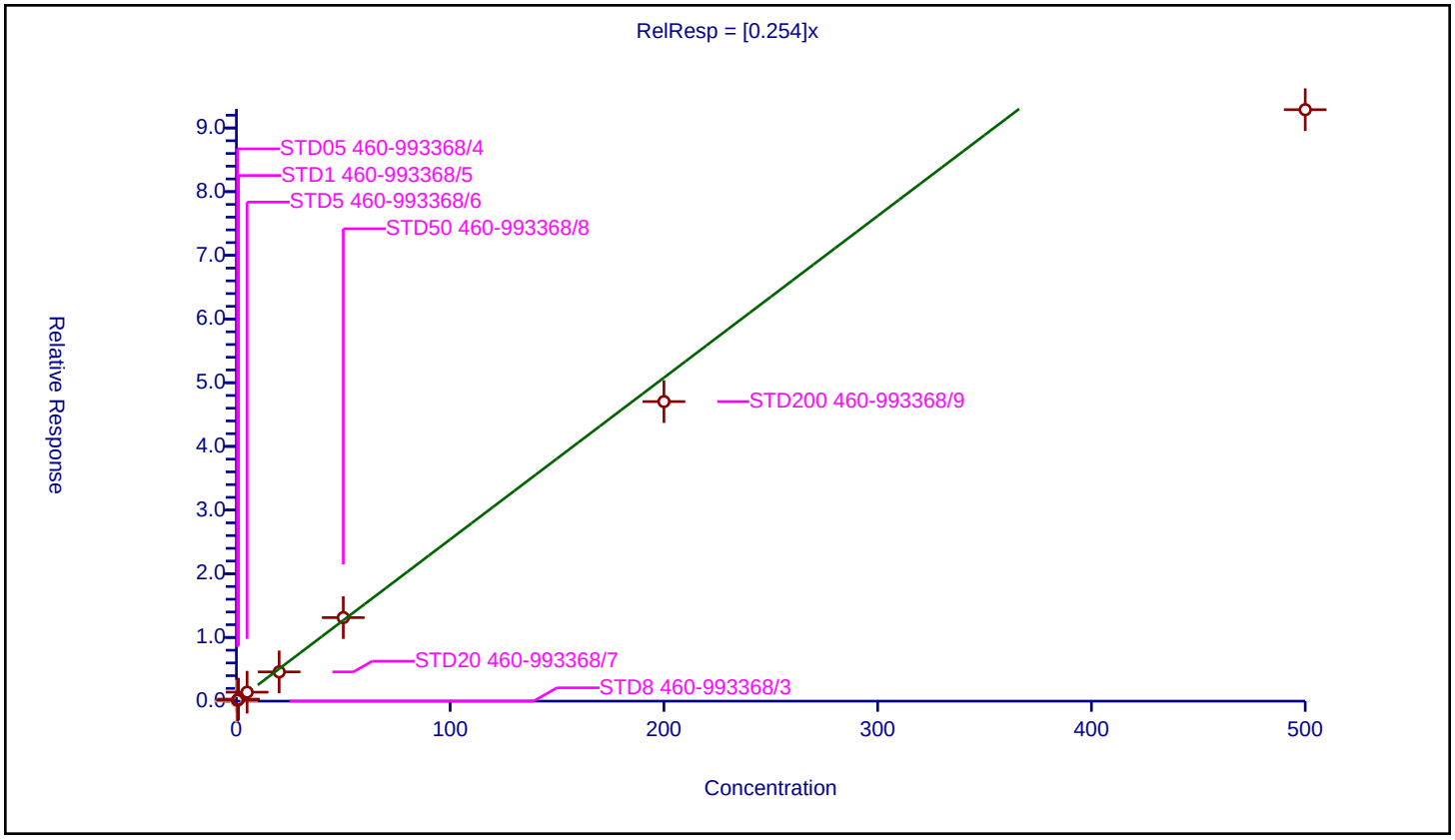
Curve Coefficients

Intercept:	0
Slope:	0.254

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.13564	50.0	767841.0	0.27128	Y
3	STD1 460-993368/5	1.0	0.311724	50.0	736870.0	0.311724	Y
4	STD5 460-993368/6	5.0	1.409055	50.0	753377.0	0.281811	Y
5	STD20 460-993368/7	20.0	4.592861	50.0	750665.0	0.229643	Y
6	STD50 460-993368/8	50.0	13.11678	50.0	760583.0	0.262336	Y
7	STD200 460-993368/9	200.0	47.040312	50.0	788850.0	0.235202	Y
8	STD500 460-993368/10	500.0	92.87418	50.0	838521.0	0.185748	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

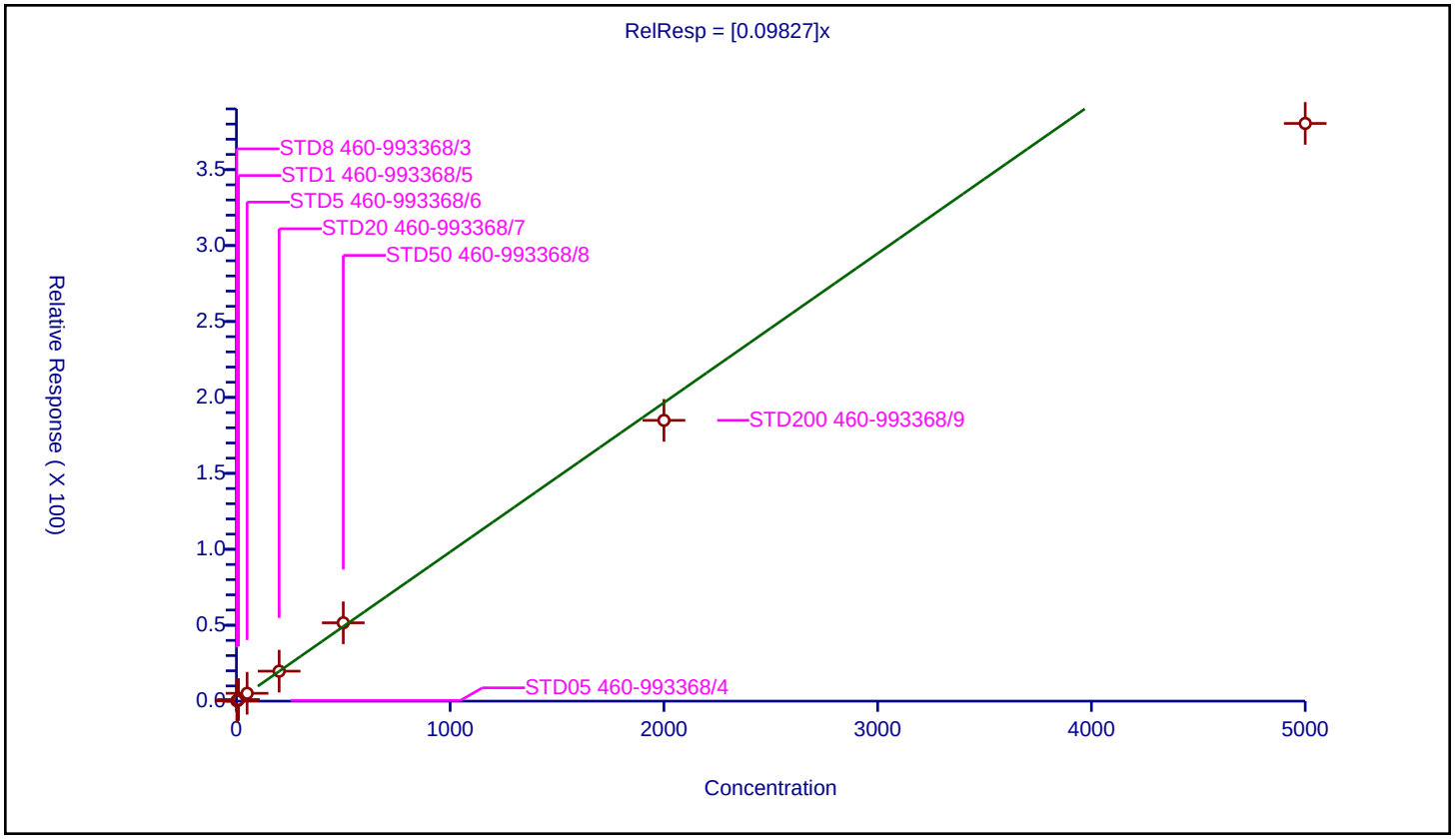
Curve Coefficients

Intercept:	0
Slope:	0.09827

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	2.0	0.230098	50.0	794663.0	0.115049	Y
2	STD05 460-993368/4	5.0	0.460186	50.0	767841.0	0.092037	Y
3	STD1 460-993368/5	10.0	1.052085	50.0	736870.0	0.105209	Y
4	STD5 460-993368/6	50.0	5.171315	50.0	753377.0	0.103426	Y
5	STD20 460-993368/7	200.0	19.743494	50.0	750665.0	0.098717	Y
6	STD50 460-993368/8	500.0	51.584377	50.0	760583.0	0.103169	Y
7	STD200 460-993368/9	2000.0	184.895481	50.0	788850.0	0.092448	Y
8	STD500 460-993368/10	5000.0	380.430425	50.0	838521.0	0.076086	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

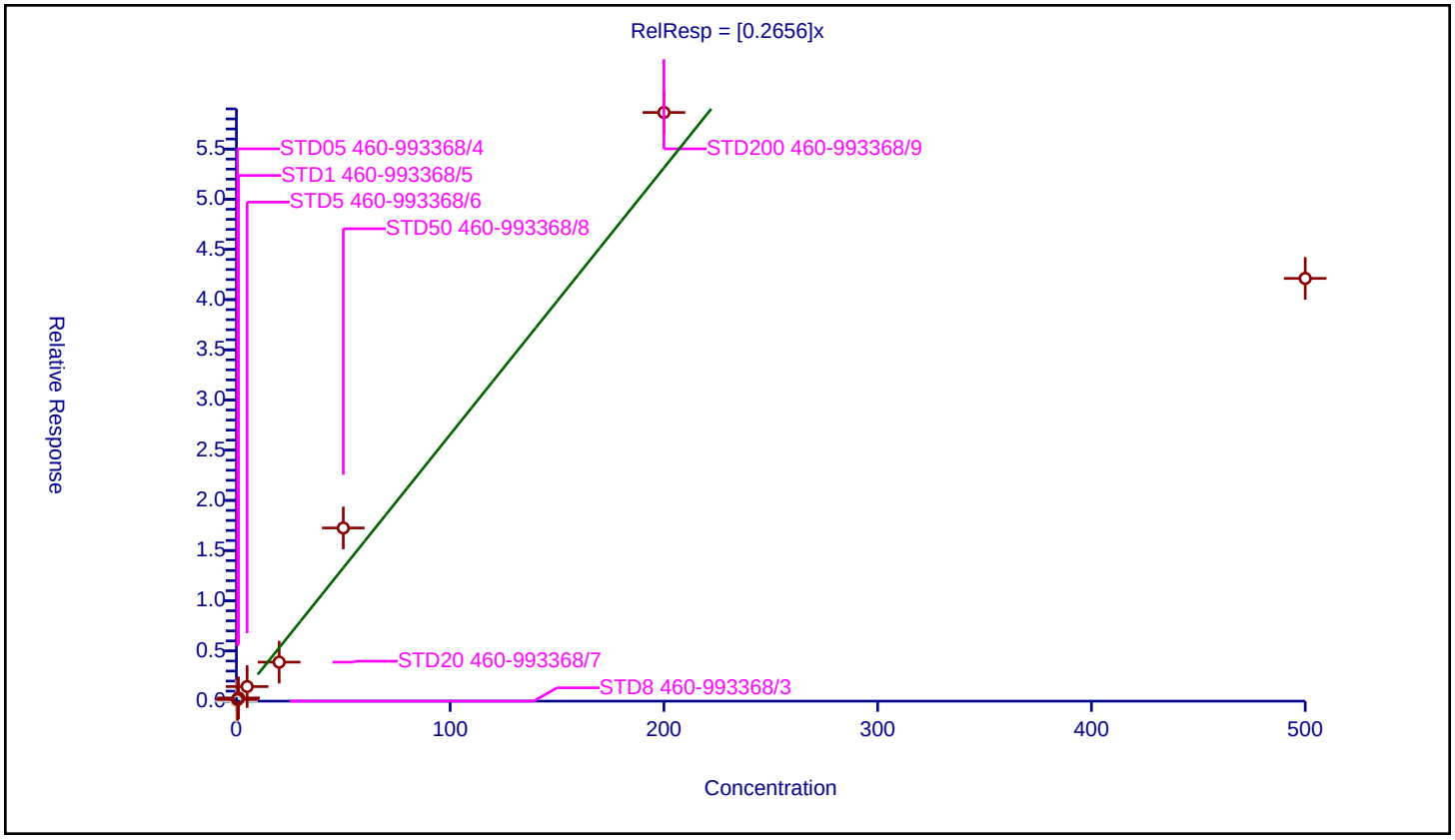
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	35.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.16605	50.0	767841.0	0.3321	Y
3	STD1 460-993368/5	1.0	0.319731	50.0	736870.0	0.319731	Y
4	STD5 460-993368/6	5.0	1.453787	50.0	753377.0	0.290757	Y
5	STD20 460-993368/7	20.0	3.886088	50.0	750665.0	0.194304	Y
6	STD50 460-993368/8	50.0	17.24986	50.0	760583.0	0.344997	Y
7	STD200 460-993368/9	200.0	58.64182	50.0	788850.0	0.293209	Y
8	STD500 460-993368/10	500.0	42.112541	50.0	838521.0	0.084225	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

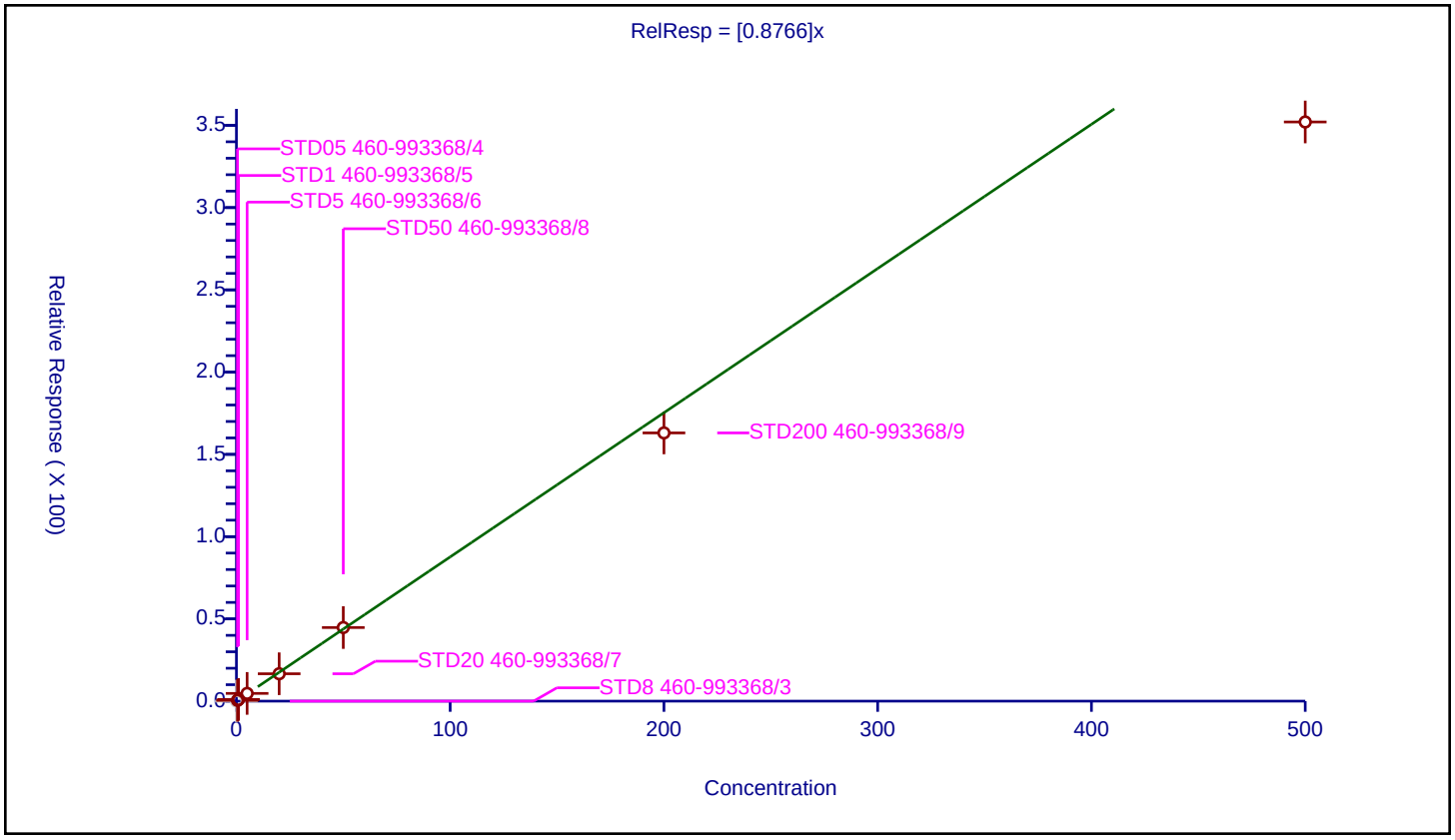
Curve Coefficients

Intercept:	0
Slope:	0.8766

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.470866	50.0	767841.0	0.941731	Y
3	STD1 460-993368/5	1.0	1.008183	50.0	736870.0	1.008183	Y
4	STD5 460-993368/6	5.0	4.696984	50.0	753377.0	0.939397	Y
5	STD20 460-993368/7	20.0	16.651702	50.0	750665.0	0.832585	Y
6	STD50 460-993368/8	50.0	44.743374	50.0	760583.0	0.894867	Y
7	STD200 460-993368/9	200.0	163.041009	50.0	788850.0	0.815205	Y
8	STD500 460-993368/10	500.0	352.043539	50.0	838521.0	0.704087	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

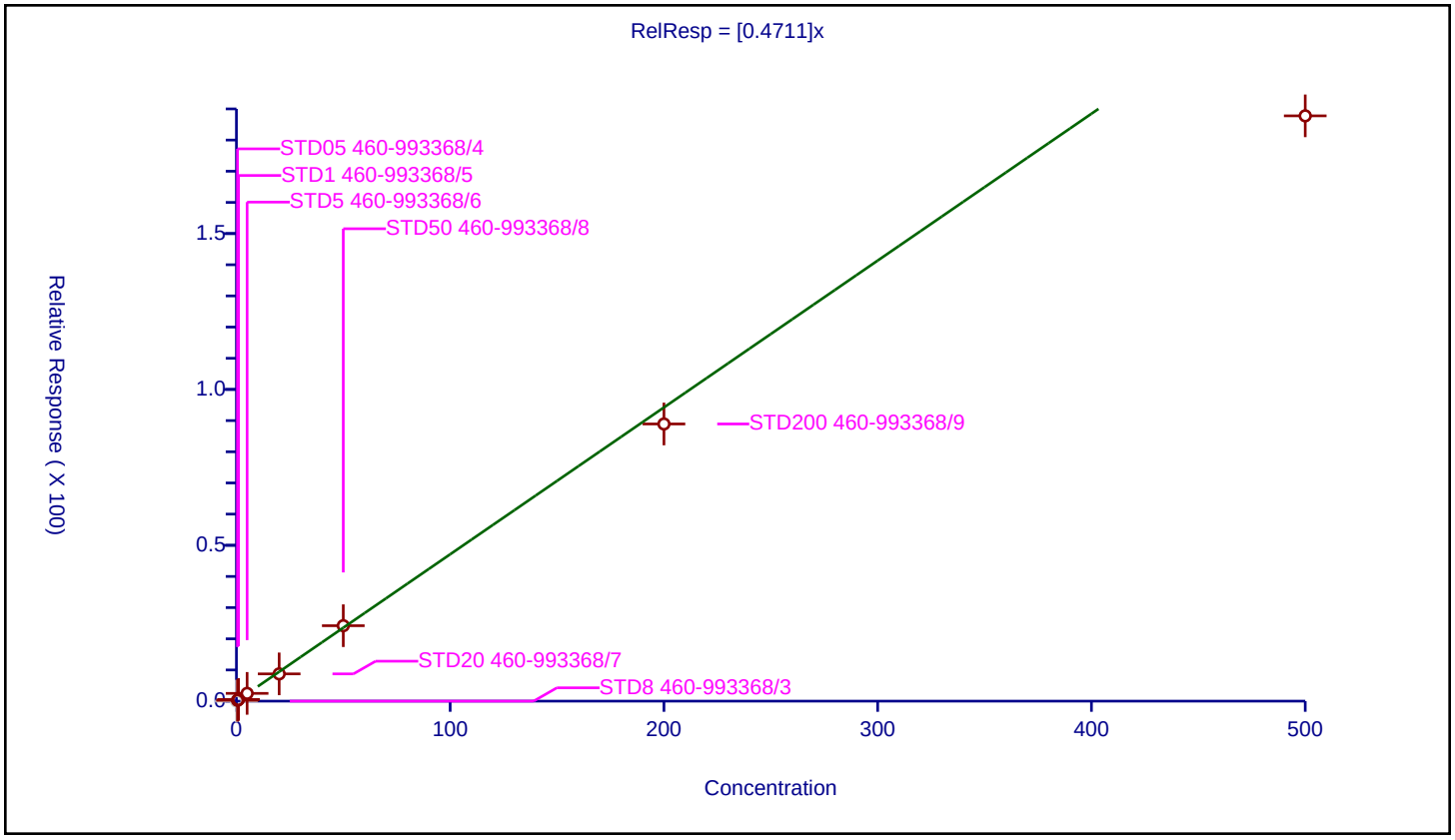
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.265224	50.0	767841.0	0.530448	Y
3	STD1 460-993368/5	1.0	0.528587	50.0	736870.0	0.528587	Y
4	STD5 460-993368/6	5.0	2.486537	50.0	753377.0	0.497307	Y
5	STD20 460-993368/7	20.0	8.747644	50.0	750665.0	0.437382	Y
6	STD50 460-993368/8	50.0	24.202553	50.0	760583.0	0.484051	Y
7	STD200 460-993368/9	200.0	88.917982	50.0	788850.0	0.44459	Y
8	STD500 460-993368/10	500.0	187.768702	50.0	838521.0	0.375537	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

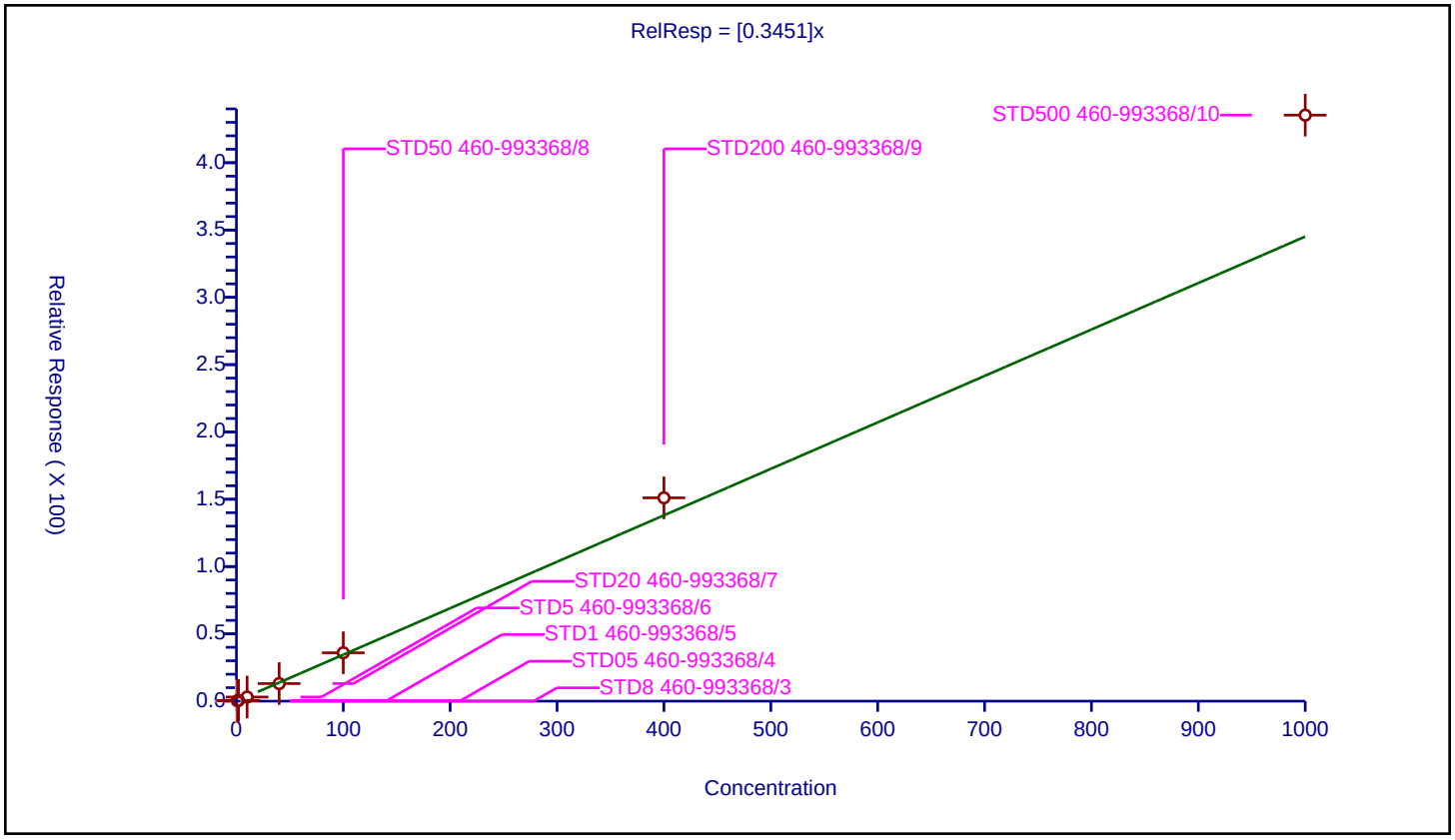
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.332485	250.0	395506.0	0.332485	Y
3	STD1 460-993368/5	2.0	0.557537	250.0	398180.0	0.278768	Y
4	STD5 460-993368/6	10.0	3.061415	250.0	406838.0	0.306142	Y
5	STD20 460-993368/7	40.0	13.051787	250.0	409216.0	0.326295	Y
6	STD50 460-993368/8	100.0	35.925487	250.0	425965.0	0.359255	Y
7	STD200 460-993368/9	400.0	151.054055	250.0	444806.0	0.377635	Y
8	STD500 460-993368/10	1000.0	435.344611	250.0	496691.0	0.435345	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

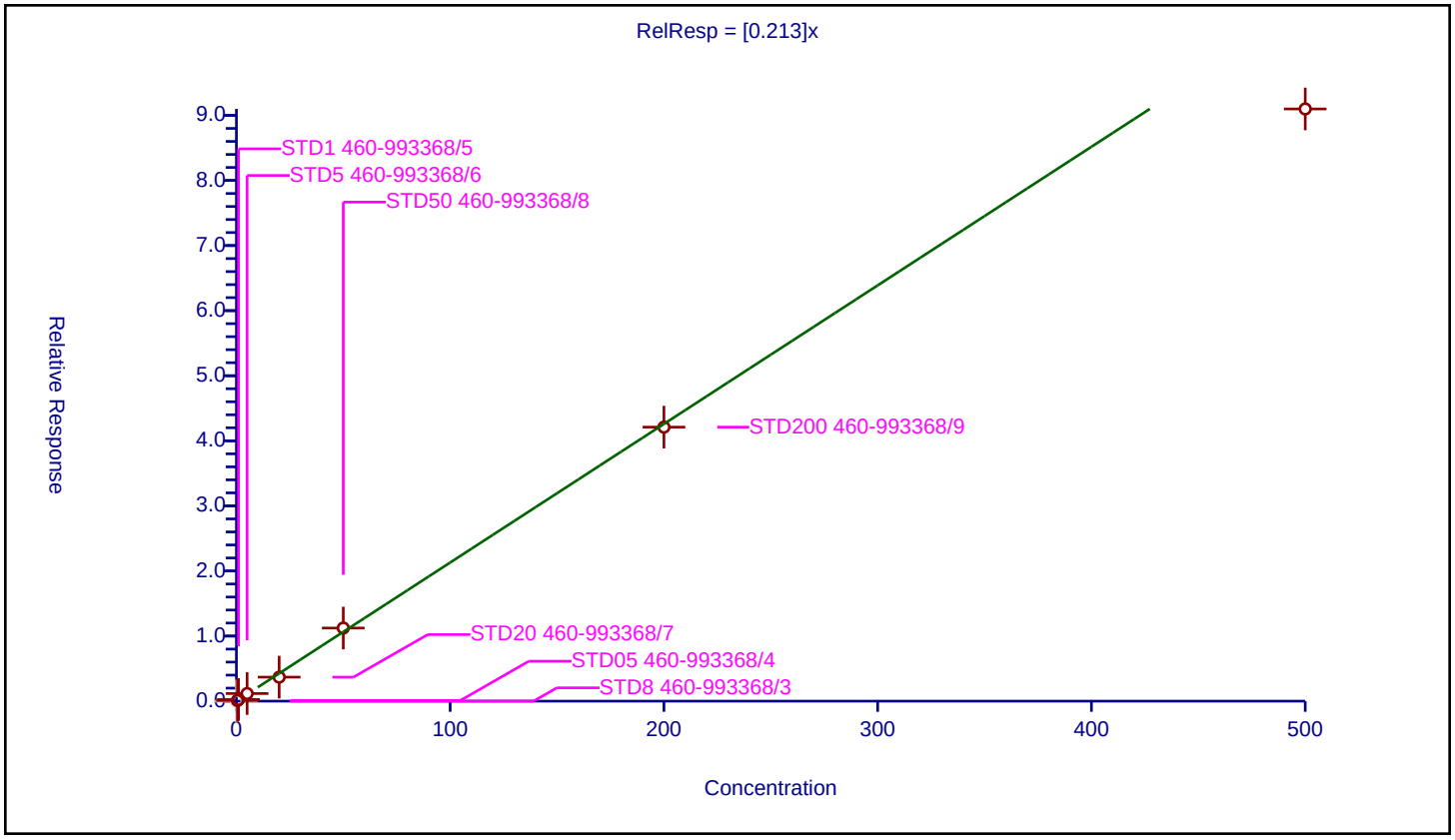
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.103798	50.0	767841.0	0.207595	Y
3	STD1 460-993368/5	1.0	0.247601	50.0	736870.0	0.247601	Y
4	STD5 460-993368/6	5.0	1.169932	50.0	753377.0	0.233986	Y
5	STD20 460-993368/7	20.0	3.687797	50.0	750665.0	0.18439	Y
6	STD50 460-993368/8	50.0	11.230333	50.0	760583.0	0.224607	Y
7	STD200 460-993368/9	200.0	42.10154	50.0	788850.0	0.210508	Y
8	STD500 460-993368/10	500.0	90.98824	50.0	838521.0	0.181976	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

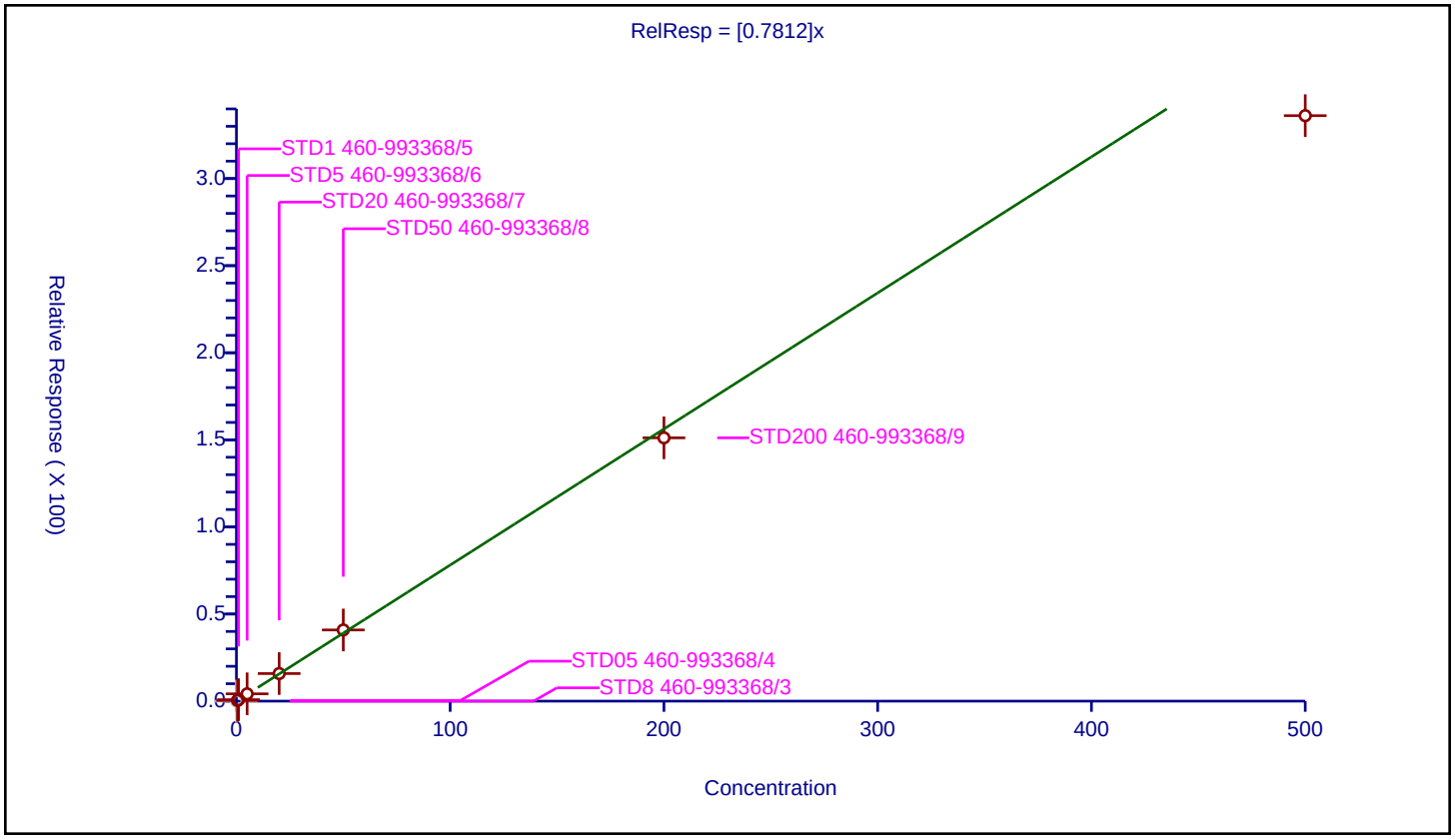
Curve Coefficients

Intercept:	0
Slope:	0.7812

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.377617	50.0	767841.0	0.755234	Y
3	STD1 460-993368/5	1.0	0.837665	50.0	736870.0	0.837665	Y
4	STD5 460-993368/6	5.0	4.19239	50.0	753377.0	0.838478	Y
5	STD20 460-993368/7	20.0	15.833361	50.0	750665.0	0.791668	Y
6	STD50 460-993368/8	50.0	40.855436	50.0	760583.0	0.817109	Y
7	STD200 460-993368/9	200.0	151.170945	50.0	788850.0	0.755855	Y
8	STD500 460-993368/10	500.0	336.112393	50.0	838521.0	0.672225	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

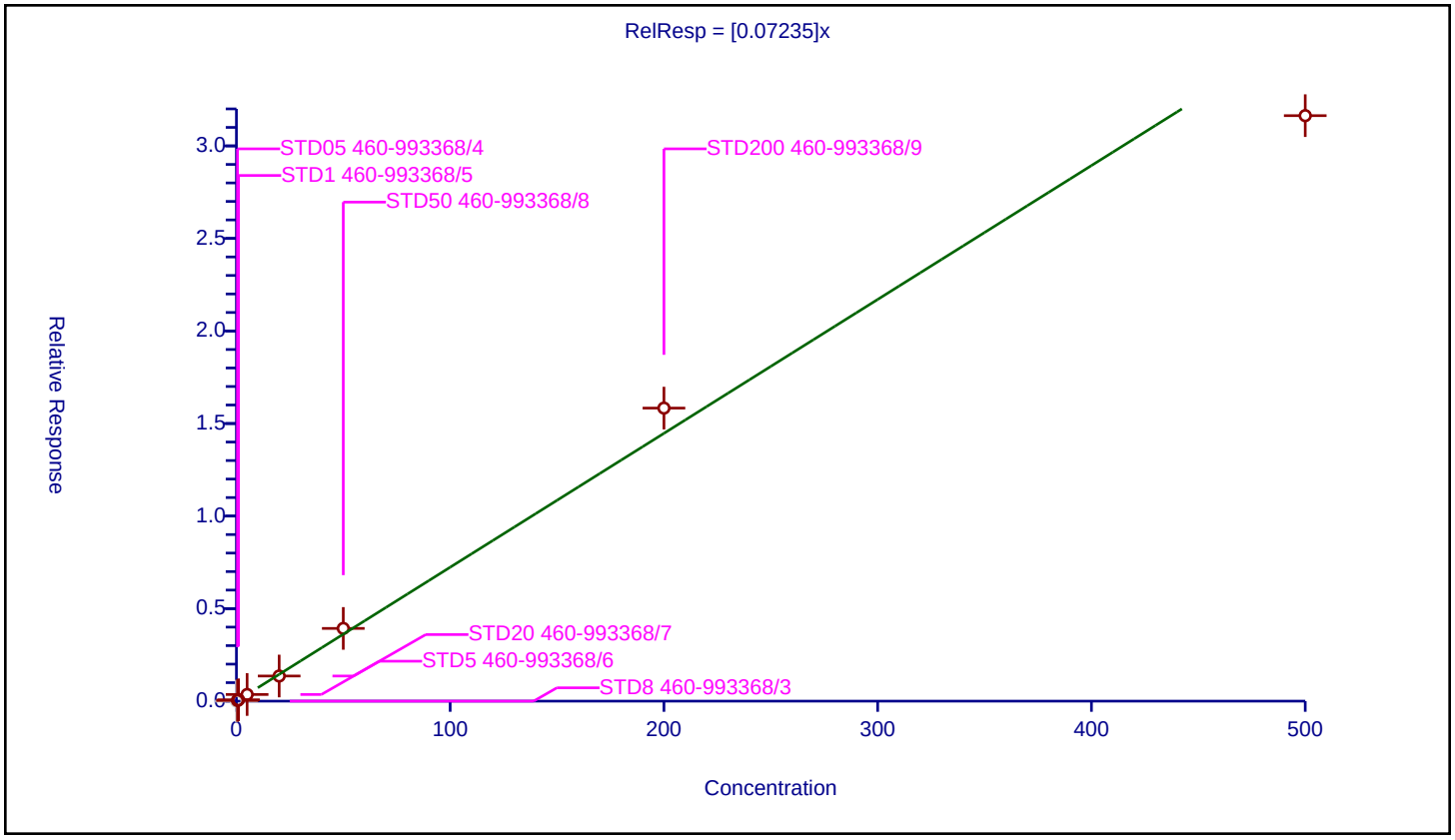
Curve Coefficients

Intercept:	0
Slope:	0.07235

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.036466	50.0	767841.0	0.072932	Y
3	STD1 460-993368/5	1.0	0.072672	50.0	736870.0	0.072672	Y
4	STD5 460-993368/6	5.0	0.359515	50.0	753377.0	0.071903	Y
5	STD20 460-993368/7	20.0	1.357729	50.0	750665.0	0.067886	Y
6	STD50 460-993368/8	50.0	3.929814	50.0	760583.0	0.078596	Y
7	STD200 460-993368/9	200.0	15.833492	50.0	788850.0	0.079167	Y
8	STD500 460-993368/10	500.0	31.634926	50.0	838521.0	0.06327	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

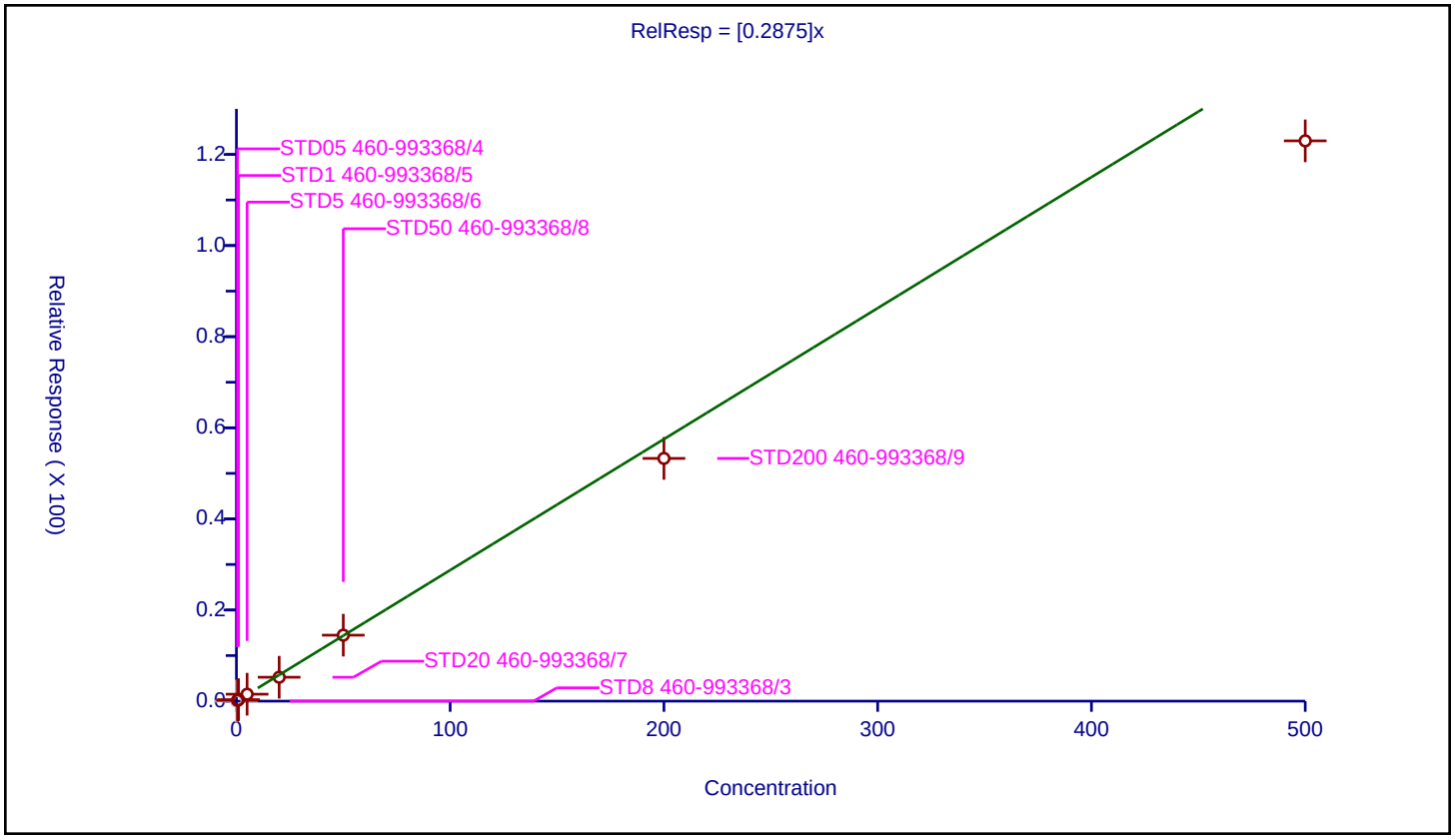
Curve Coefficients

Intercept:	0
Slope:	0.2875

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.161231	50.0	767841.0	0.322463	Y
3	STD1 460-993368/5	1.0	0.32197	50.0	736870.0	0.32197	Y
4	STD5 460-993368/6	5.0	1.520819	50.0	753377.0	0.304164	Y
5	STD20 460-993368/7	20.0	5.245749	50.0	750665.0	0.262287	Y
6	STD50 460-993368/8	50.0	14.480537	50.0	760583.0	0.289611	Y
7	STD200 460-993368/9	200.0	53.277366	50.0	788850.0	0.266387	Y
8	STD500 460-993368/10	500.0	122.982609	50.0	838521.0	0.245965	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

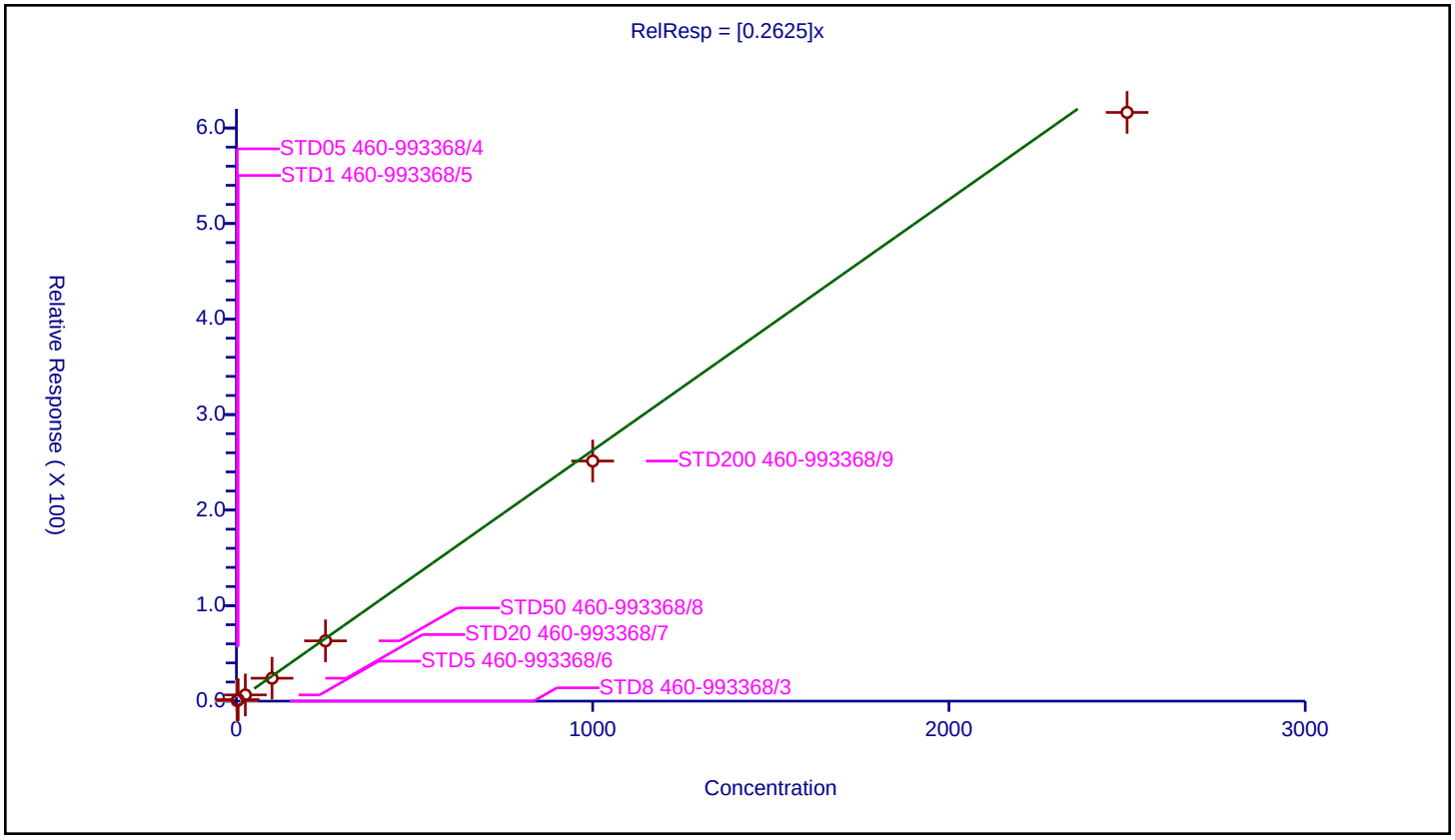
Curve Coefficients

Intercept:	0
Slope:	0.2625

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	0.681406	250.0	395506.0	0.272562	Y
3	STD1 460-993368/5	5.0	1.573409	250.0	398180.0	0.314682	Y
4	STD5 460-993368/6	25.0	6.509962	250.0	406838.0	0.260398	Y
5	STD20 460-993368/7	100.0	23.980001	250.0	409216.0	0.2398	Y
6	STD50 460-993368/8	250.0	63.113753	250.0	425965.0	0.252455	Y
7	STD200 460-993368/9	1000.0	251.363516	250.0	444806.0	0.251364	Y
8	STD500 460-993368/10	2500.0	616.332891	250.0	496691.0	0.246533	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

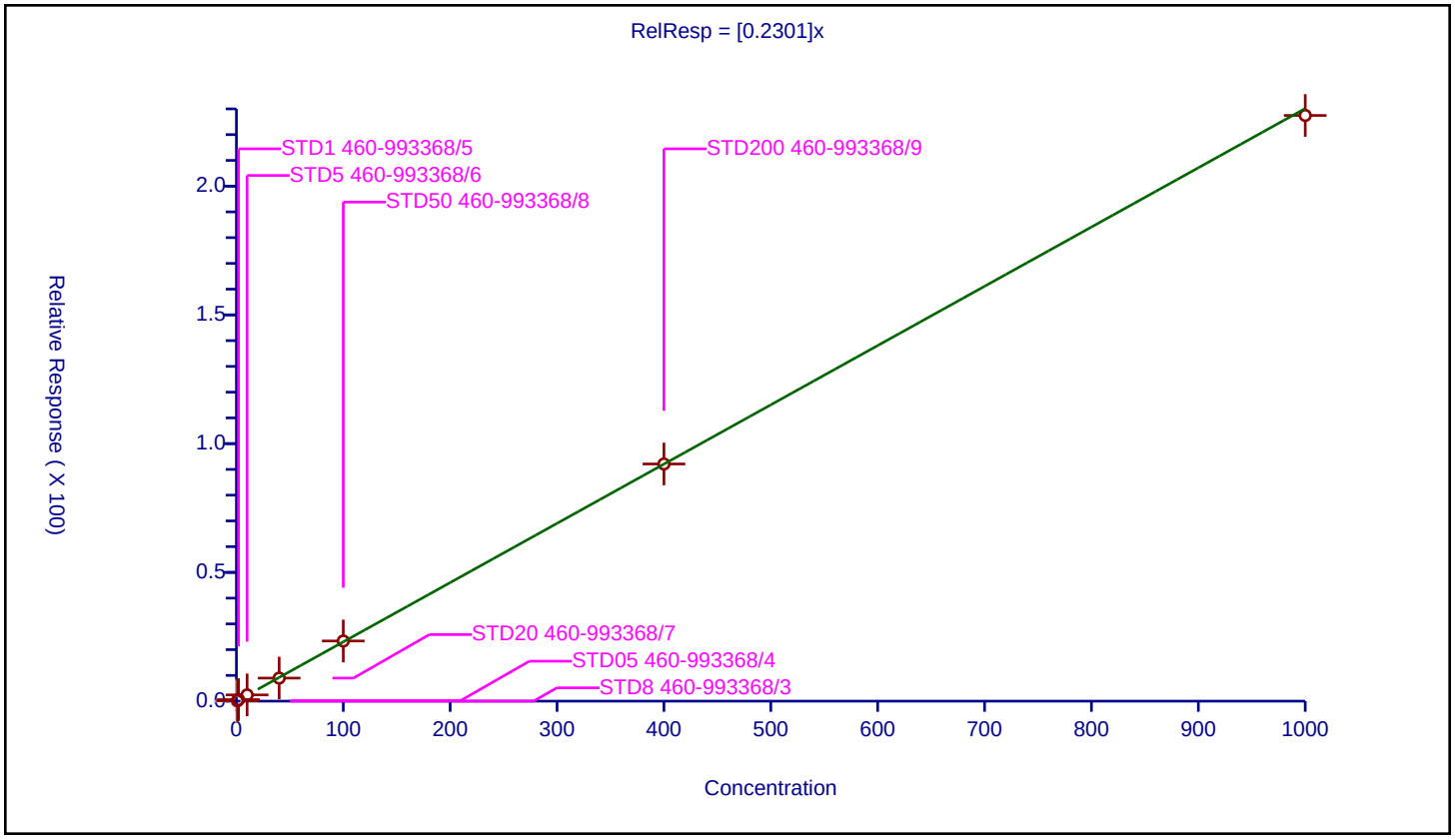
Curve Coefficients

Intercept:	0
Slope:	0.2301

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.158658	250.0	395506.0	0.158658	Y
3	STD1 460-993368/5	2.0	0.589557	250.0	398180.0	0.294779	Y
4	STD5 460-993368/6	10.0	2.424184	250.0	406838.0	0.242418	Y
5	STD20 460-993368/7	40.0	8.954928	250.0	409216.0	0.223873	Y
6	STD50 460-993368/8	100.0	23.355205	250.0	425965.0	0.233552	Y
7	STD200 460-993368/9	400.0	92.103636	250.0	444806.0	0.230259	Y
8	STD500 460-993368/10	1000.0	227.443219	250.0	496691.0	0.227443	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

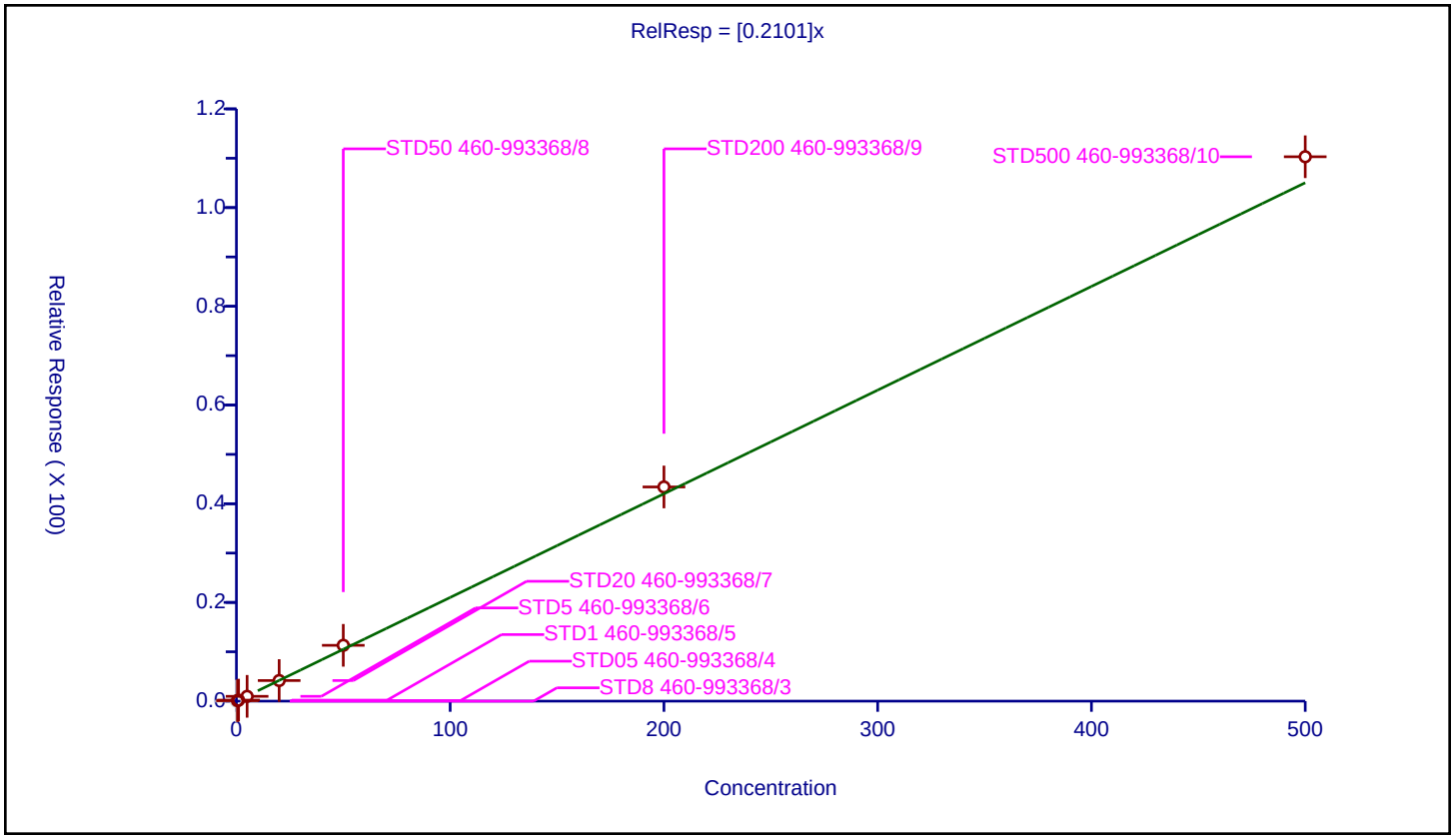
Curve Coefficients

Intercept:	0
Slope:	0.2101

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.100477	50.0	767841.0	0.200953	Y
3	STD1 460-993368/5	1.0	0.202071	50.0	736870.0	0.202071	Y
4	STD5 460-993368/6	5.0	0.97428	50.0	753377.0	0.194856	Y
5	STD20 460-993368/7	20.0	4.175498	50.0	750665.0	0.208775	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	43.398175	50.0	788850.0	0.216991	Y
8	STD500 460-993368/10	500.0	110.300935	50.0	838521.0	0.220602	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

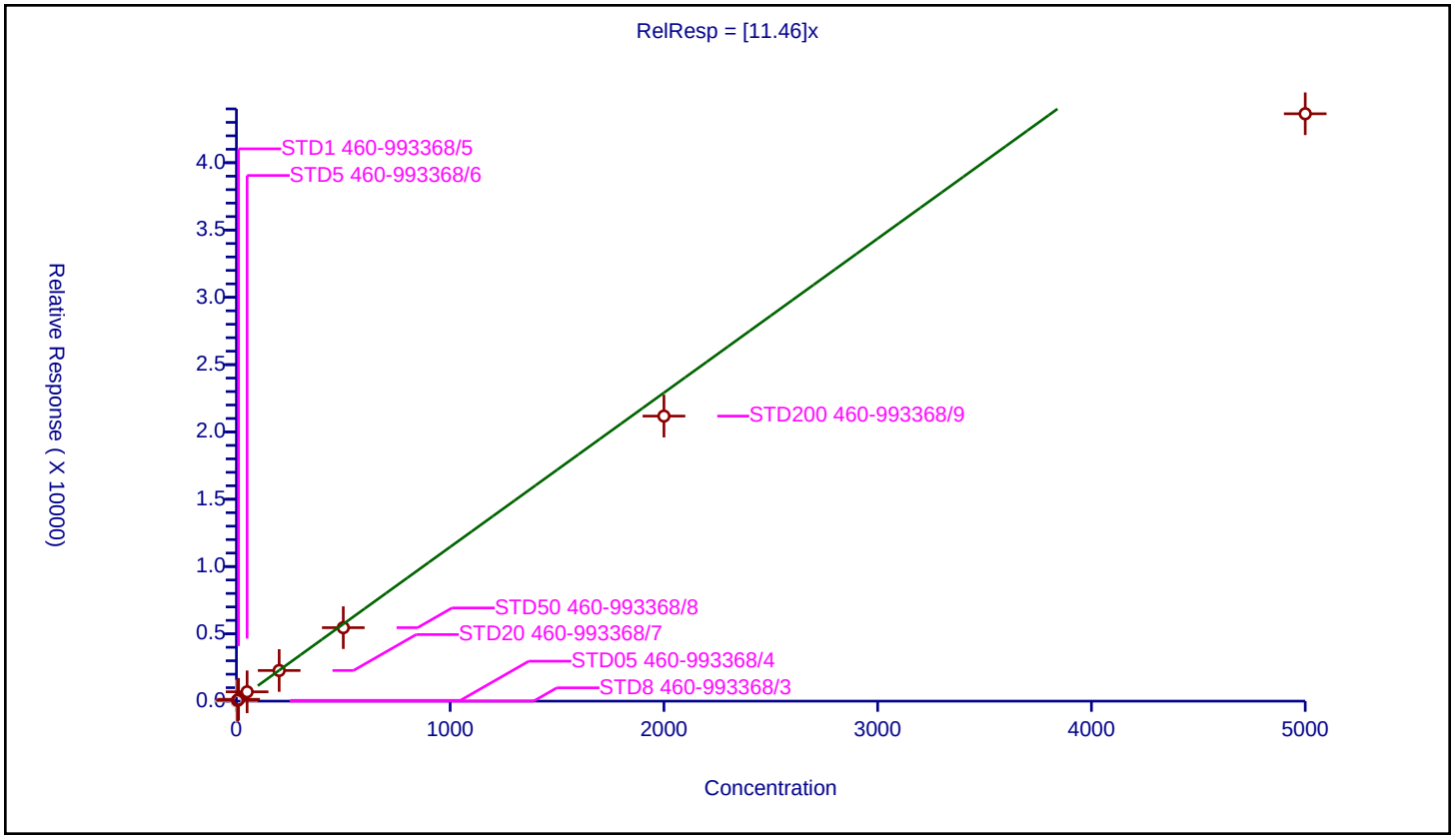
Curve Coefficients

Intercept:	0
Slope:	11.46

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	55.487506	1000.0	40820.0	11.097501	Y
3	STD1 460-993368/5	10.0	136.113453	1000.0	40334.0	13.611345	Y
4	STD5 460-993368/6	50.0	692.970663	1000.0	41654.0	13.859413	Y
5	STD20 460-993368/7	200.0	2276.763637	1000.0	46509.0	11.383818	Y
6	STD50 460-993368/8	500.0	5458.084754	1000.0	51962.0	10.91617	Y
7	STD200 460-993368/9	2000.0	21178.208296	1000.0	53011.0	10.589104	Y
8	STD500 460-993368/10	5000.0	43638.767378	1000.0	66752.0	8.727753	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

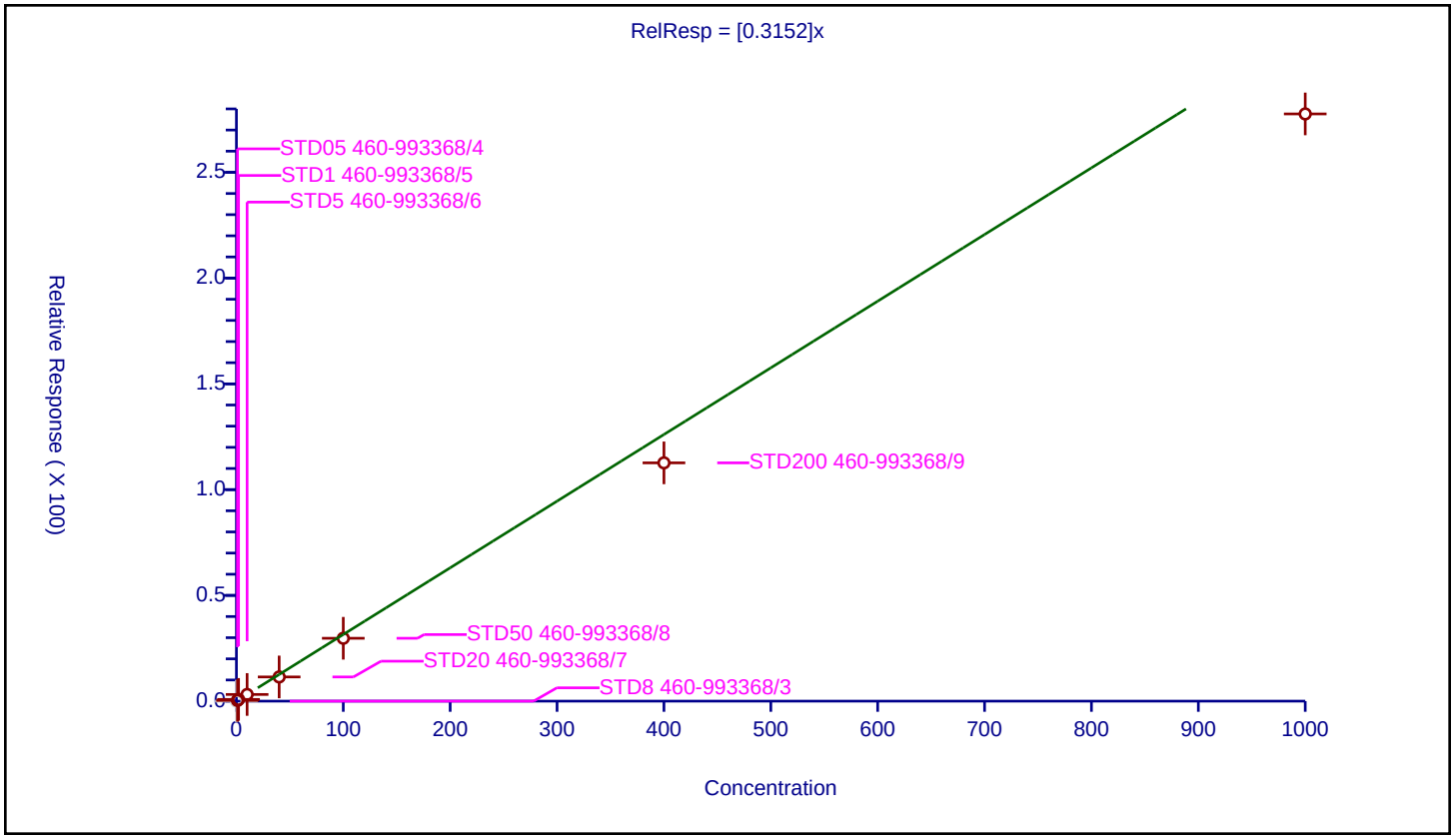
Curve Coefficients

Intercept:	0
Slope:	0.3152

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.343231	250.0	395506.0	0.343231	Y
3	STD1 460-993368/5	2.0	0.809307	250.0	398180.0	0.404654	Y
4	STD5 460-993368/6	10.0	3.158505	250.0	406838.0	0.315851	Y
5	STD20 460-993368/7	40.0	11.43467	250.0	409216.0	0.285867	Y
6	STD50 460-993368/8	100.0	29.722512	250.0	425965.0	0.297225	Y
7	STD200 460-993368/9	400.0	112.648548	250.0	444806.0	0.281621	Y
8	STD500 460-993368/10	1000.0	277.621298	250.0	496691.0	0.277621	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

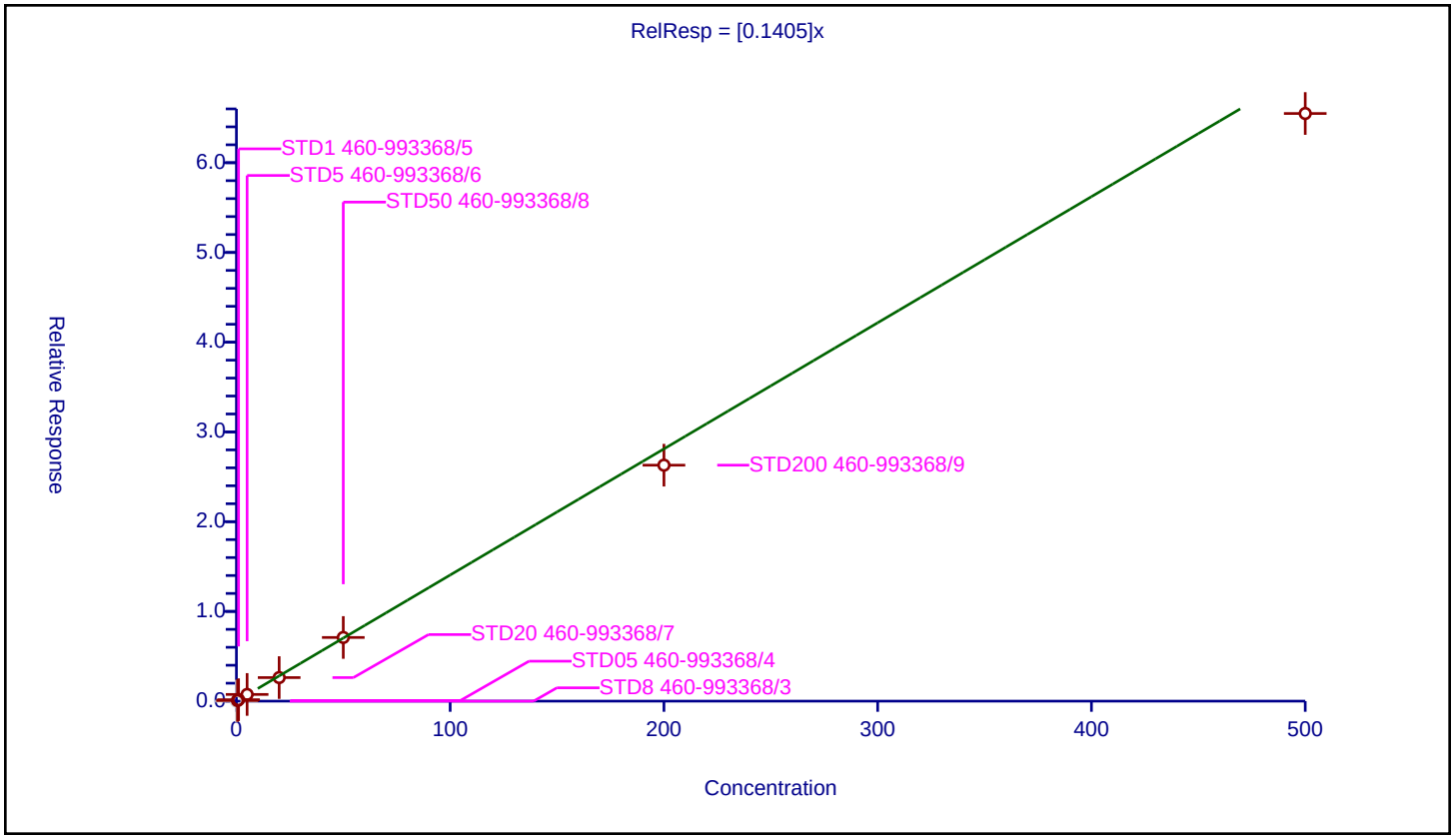
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.069415	50.0	767841.0	0.138831	Y
3	STD1 460-993368/5	1.0	0.160069	50.0	736870.0	0.160069	Y
4	STD5 460-993368/6	5.0	0.747036	50.0	753377.0	0.149407	Y
5	STD20 460-993368/7	20.0	2.62394	50.0	750665.0	0.131197	Y
6	STD50 460-993368/8	50.0	7.094623	50.0	760583.0	0.141892	Y
7	STD200 460-993368/9	200.0	26.295557	50.0	788850.0	0.131478	Y
8	STD500 460-993368/10	500.0	65.48703	50.0	838521.0	0.130974	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

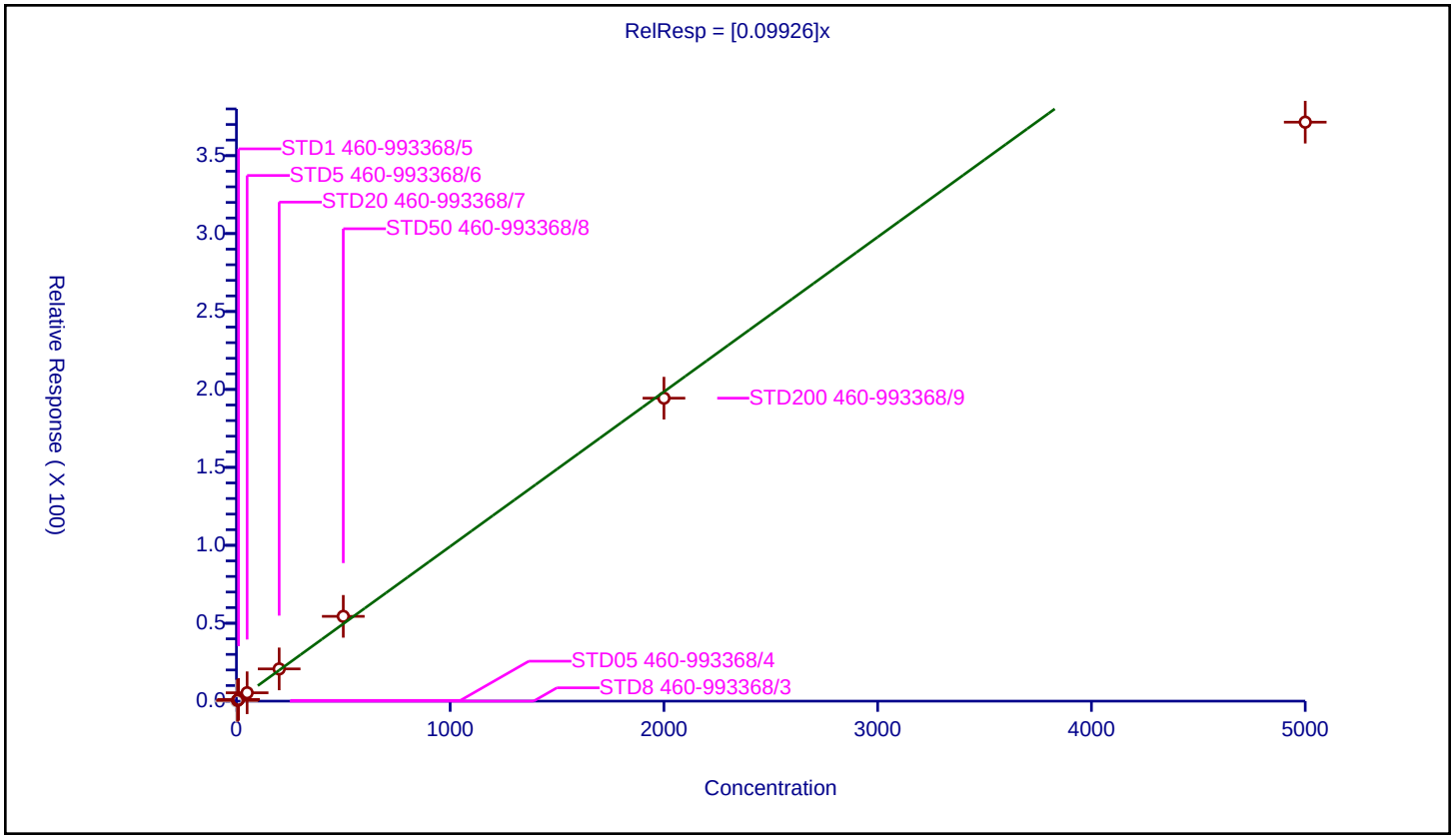
Curve Coefficients

Intercept:	0
Slope:	0.09926

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	5.0	0.468782	50.0	767841.0	0.093756	Y
3	STD1 460-993368/5	10.0	1.097887	50.0	736870.0	0.109789	Y
4	STD5 460-993368/6	50.0	5.379047	50.0	753377.0	0.107581	Y
5	STD20 460-993368/7	200.0	20.677666	50.0	750665.0	0.103388	Y
6	STD50 460-993368/8	500.0	54.403004	50.0	760583.0	0.108806	Y
7	STD200 460-993368/9	2000.0	194.397984	50.0	788850.0	0.097199	Y
8	STD500 460-993368/10	5000.0	371.490636	50.0	838521.0	0.074298	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

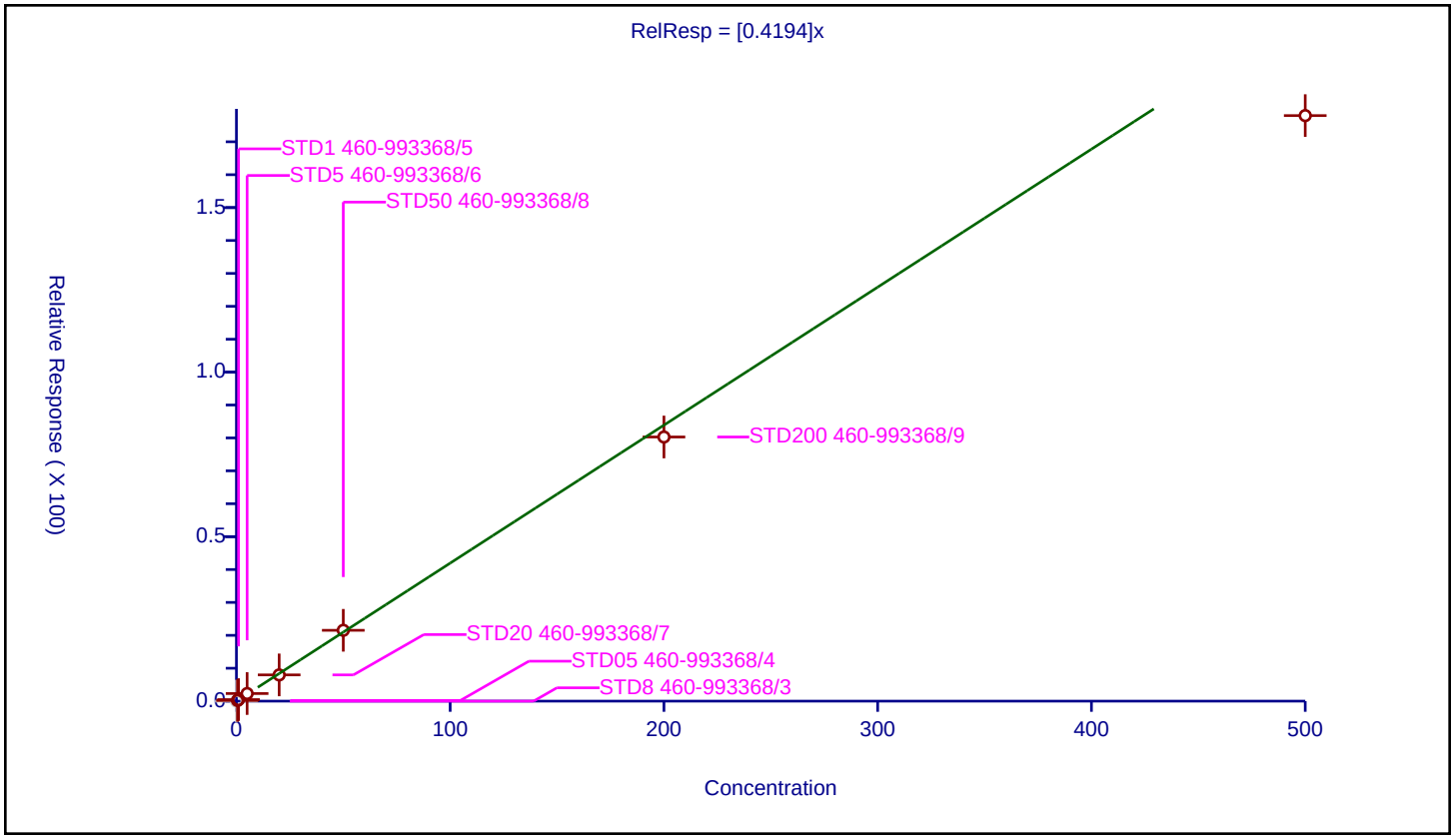
Curve Coefficients

Intercept:	0
Slope:	0.4194

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.209549	50.0	767841.0	0.419097	Y
3	STD1 460-993368/5	1.0	0.468604	50.0	736870.0	0.468604	Y
4	STD5 460-993368/6	5.0	2.307875	50.0	753377.0	0.461575	Y
5	STD20 460-993368/7	20.0	7.97333	50.0	750665.0	0.398667	Y
6	STD50 460-993368/8	50.0	21.529669	50.0	760583.0	0.430593	Y
7	STD200 460-993368/9	200.0	80.278443	50.0	788850.0	0.401392	Y
8	STD500 460-993368/10	500.0	177.963581	50.0	838521.0	0.355927	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

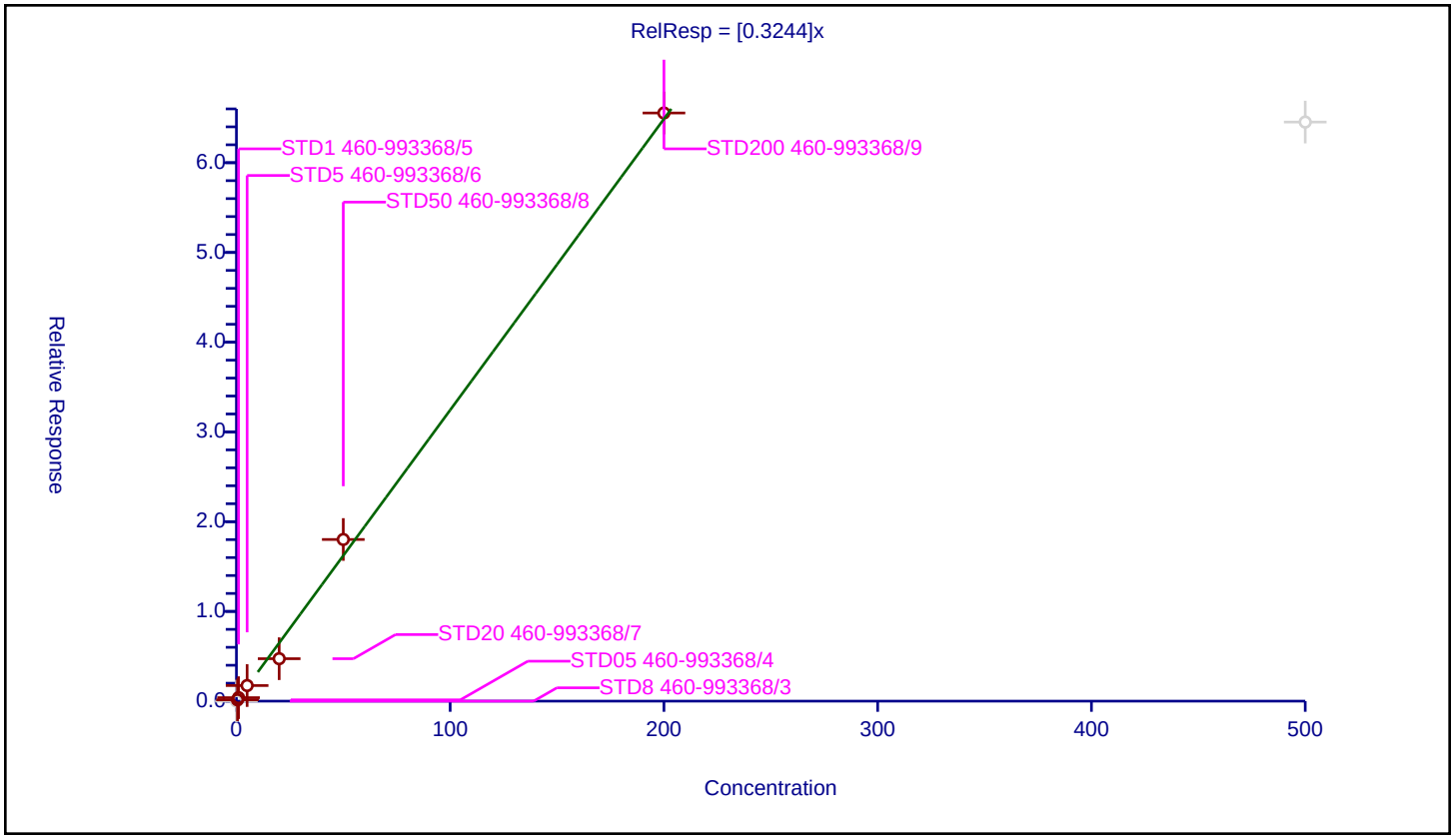
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.14404	50.0	767841.0	0.28808	Y
3	STD1 460-993368/5	1.0	0.386093	50.0	736870.0	0.386093	Y
4	STD5 460-993368/6	5.0	1.738505	50.0	753377.0	0.347701	Y
5	STD20 460-993368/7	20.0	4.730872	50.0	750665.0	0.236544	Y
6	STD50 460-993368/8	50.0	18.013484	50.0	760583.0	0.36027	Y
7	STD200 460-993368/9	200.0	65.542118	50.0	788850.0	0.327711	Y
8	STD500 460-993368/10	500.0	64.532135	50.0	838521.0	0.129064	N



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

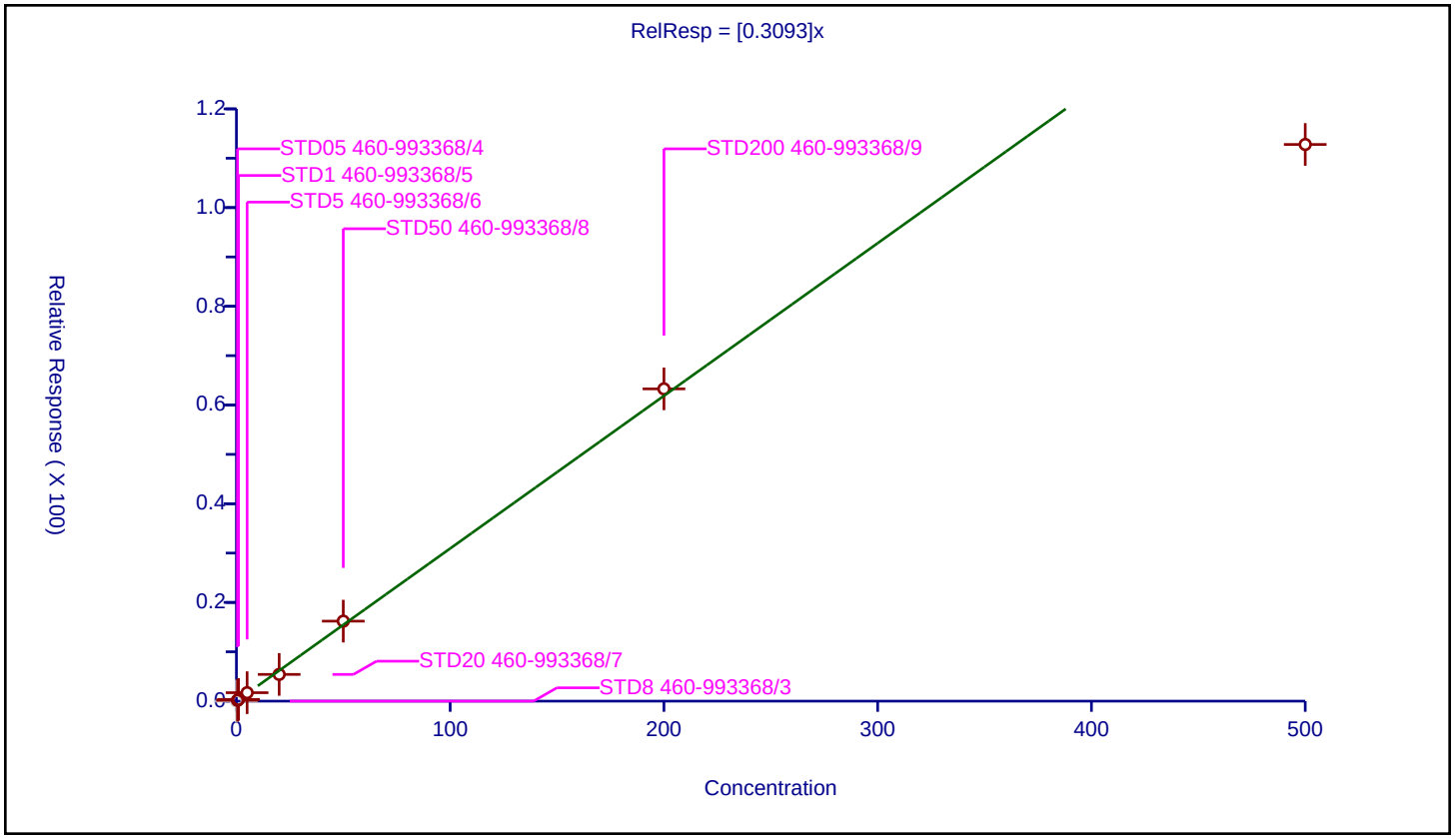
Curve Coefficients

Intercept:	0
Slope:	0.3093

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.168069	50.0	767841.0	0.336137	Y
3	STD1 460-993368/5	1.0	0.349655	50.0	736870.0	0.349655	Y
4	STD5 460-993368/6	5.0	1.712556	50.0	753377.0	0.342511	Y
5	STD20 460-993368/7	20.0	5.415731	50.0	750665.0	0.270787	Y
6	STD50 460-993368/8	50.0	16.206975	50.0	760583.0	0.32414	Y
7	STD200 460-993368/9	200.0	63.271535	50.0	788850.0	0.316358	Y
8	STD500 460-993368/10	500.0	112.789602	50.0	838521.0	0.225579	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

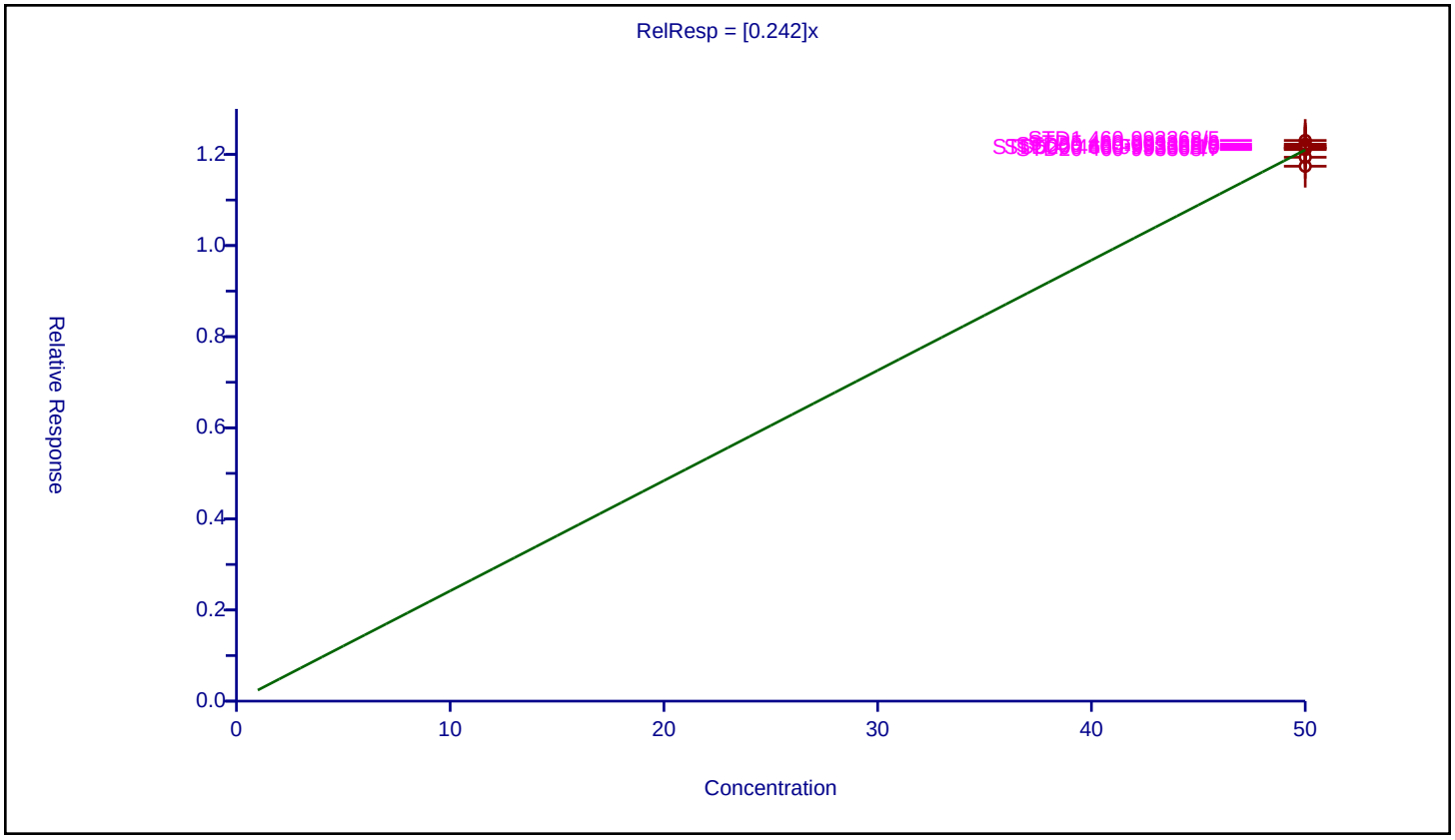
Curve Coefficients

Intercept:	0
Slope:	0.242

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	11.741204	50.0	794663.0	0.234824	Y
2	STD05 460-993368/4	50.0	11.938409	50.0	767841.0	0.238768	Y
3	STD1 460-993368/5	50.0	12.307463	50.0	736870.0	0.246149	Y
4	STD5 460-993368/6	50.0	12.227013	50.0	753377.0	0.24454	Y
5	STD20 460-993368/7	50.0	12.106932	50.0	750665.0	0.242139	Y
6	STD50 460-993368/8	50.0	12.185324	50.0	760583.0	0.243706	Y
7	STD200 460-993368/9	50.0	12.139824	50.0	788850.0	0.242796	Y
8	STD500 460-993368/10	50.0	12.146267	50.0	838521.0	0.242925	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

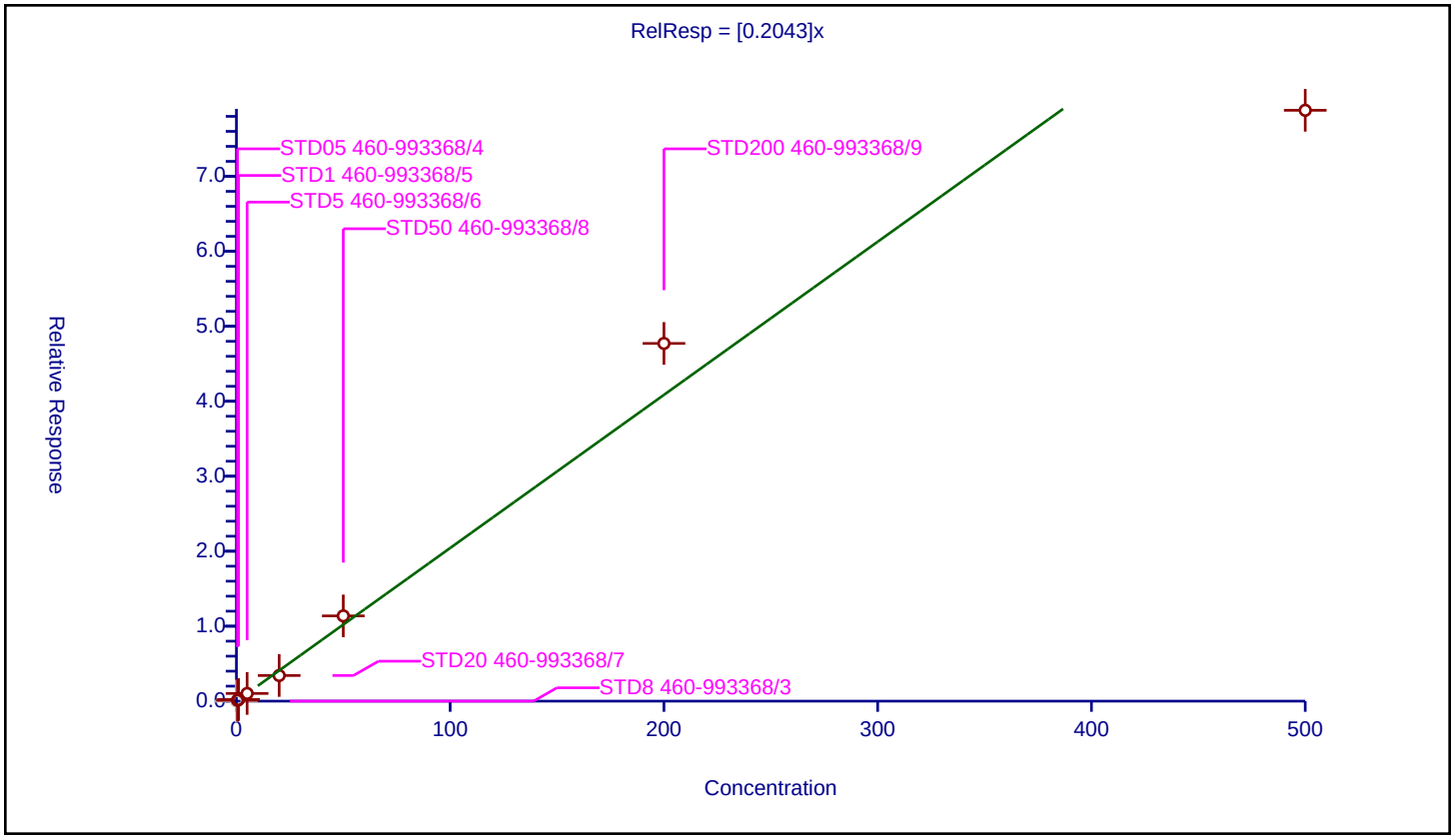
Curve Coefficients

Intercept:	0
Slope:	0.2043

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.107639	50.0	767841.0	0.215279	Y
3	STD1 460-993368/5	1.0	0.214963	50.0	736870.0	0.214963	Y
4	STD5 460-993368/6	5.0	1.025781	50.0	753377.0	0.205156	Y
5	STD20 460-993368/7	20.0	3.417903	50.0	750665.0	0.170895	Y
6	STD50 460-993368/8	50.0	11.369436	50.0	760583.0	0.227389	Y
7	STD200 460-993368/9	200.0	47.715218	50.0	788850.0	0.238576	Y
8	STD500 460-993368/10	500.0	78.811383	50.0	838521.0	0.157623	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

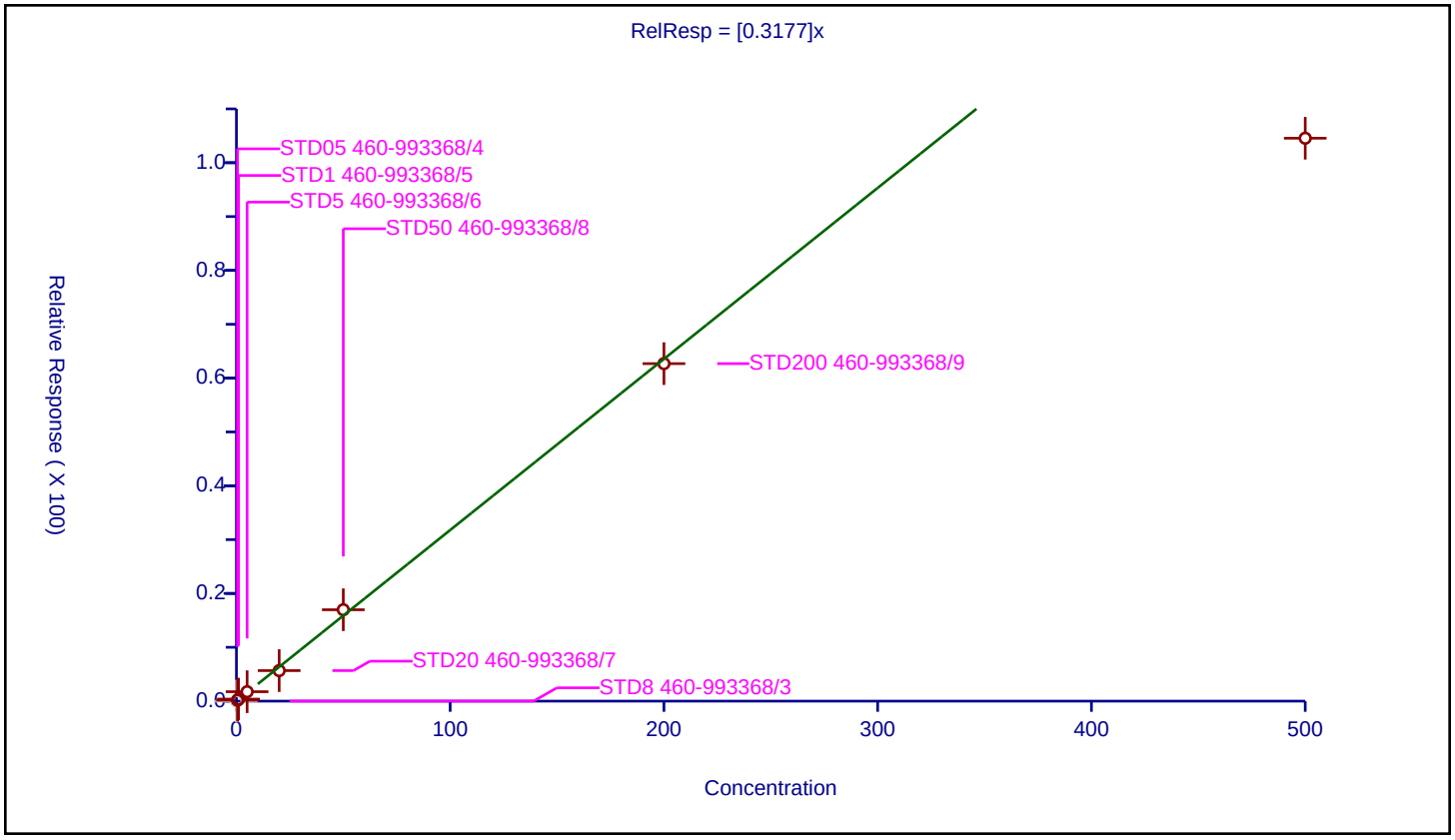
Curve Coefficients

Intercept:	0
Slope:	0.3177

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.17445	50.0	767841.0	0.3489	Y
3	STD1 460-993368/5	1.0	0.379307	50.0	736870.0	0.379307	Y
4	STD5 460-993368/6	5.0	1.752044	50.0	753377.0	0.350409	Y
5	STD20 460-993368/7	20.0	5.670039	50.0	750665.0	0.283502	Y
6	STD50 460-993368/8	50.0	16.976845	50.0	760583.0	0.339537	Y
7	STD200 460-993368/9	200.0	62.68714	50.0	788850.0	0.313436	Y
8	STD500 460-993368/10	500.0	104.553732	50.0	838521.0	0.209107	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

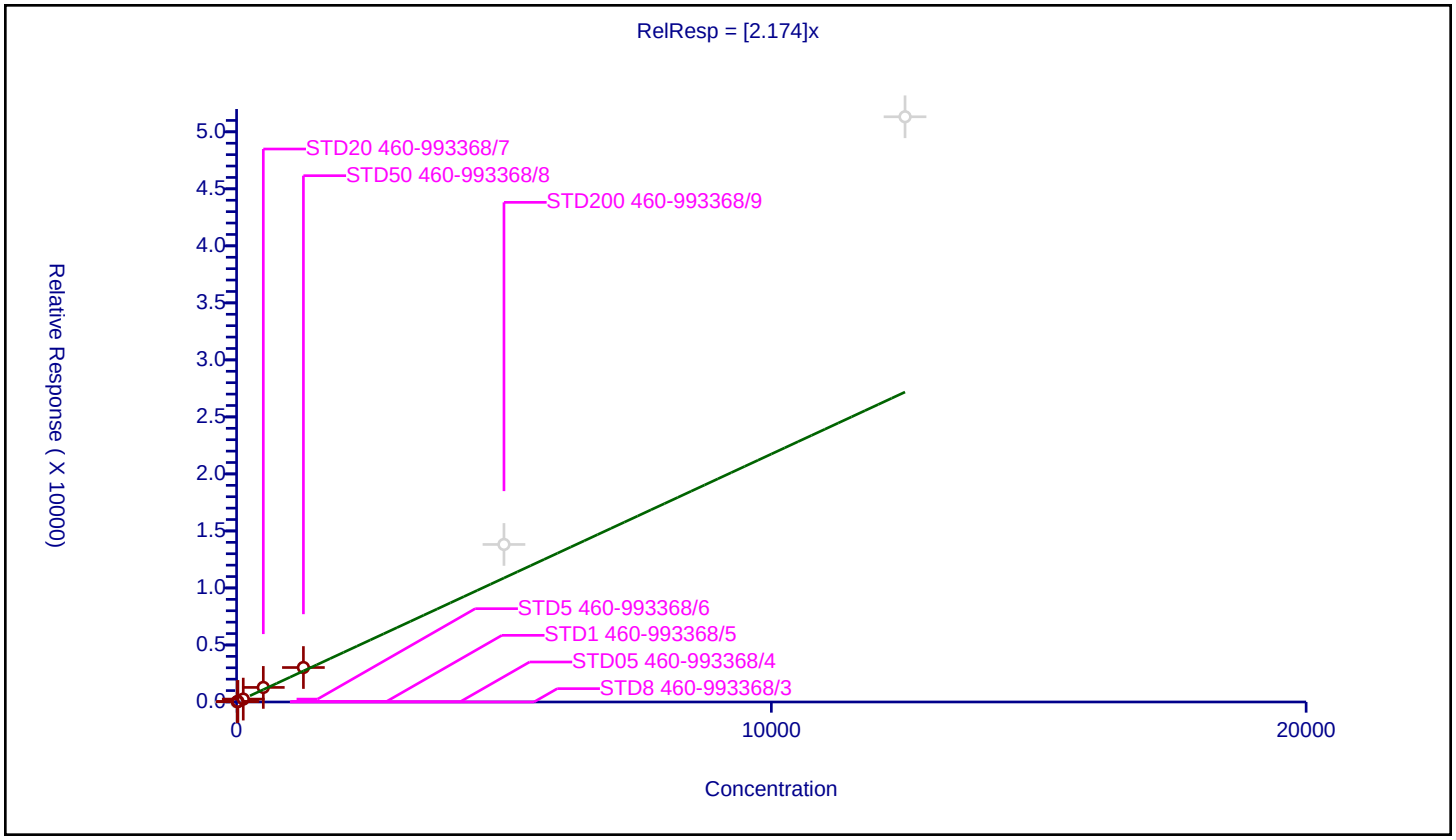
Curve Coefficients

Intercept:	0
Slope:	2.174

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	24.791769	1000.0	40820.0	1.983341	Y
3	STD1 460-993368/5	25.0	47.03228	1000.0	40334.0	1.881291	Y
4	STD5 460-993368/6	125.0	253.973208	1000.0	41654.0	2.031786	Y
5	STD20 460-993368/7	500.0	1278.397729	1000.0	46509.0	2.556795	Y
6	STD50 460-993368/8	1250.0	3023.209268	1000.0	51962.0	2.418567	Y
7	STD200 460-993368/9	5000.0	13814.755428	1000.0	53011.0	2.762951	N
8	STD500 460-993368/10	12500.0	51320.065316	1000.0	66752.0	4.105605	N



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

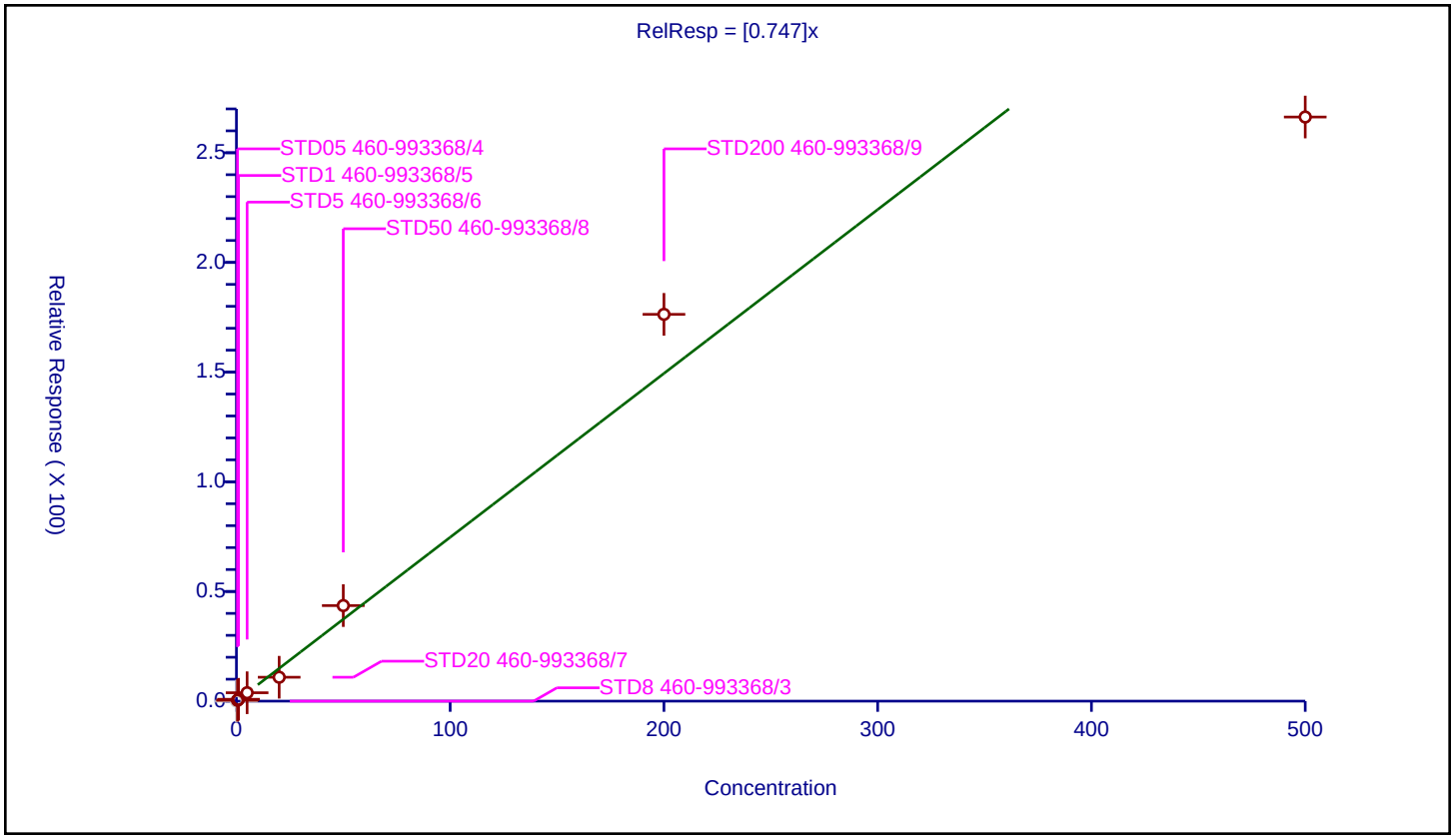
Curve Coefficients

Intercept:	0
Slope:	0.747

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.394027	50.0	767841.0	0.788054	Y
3	STD1 460-993368/5	1.0	0.844247	50.0	736870.0	0.844247	Y
4	STD5 460-993368/6	5.0	3.833141	50.0	753377.0	0.766628	Y
5	STD20 460-993368/7	20.0	10.892409	50.0	750665.0	0.54462	Y
6	STD50 460-993368/8	50.0	43.556193	50.0	760583.0	0.871124	Y
7	STD200 460-993368/9	200.0	176.329213	50.0	788850.0	0.881646	Y
8	STD500 460-993368/10	500.0	266.299532	50.0	838521.0	0.532599	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

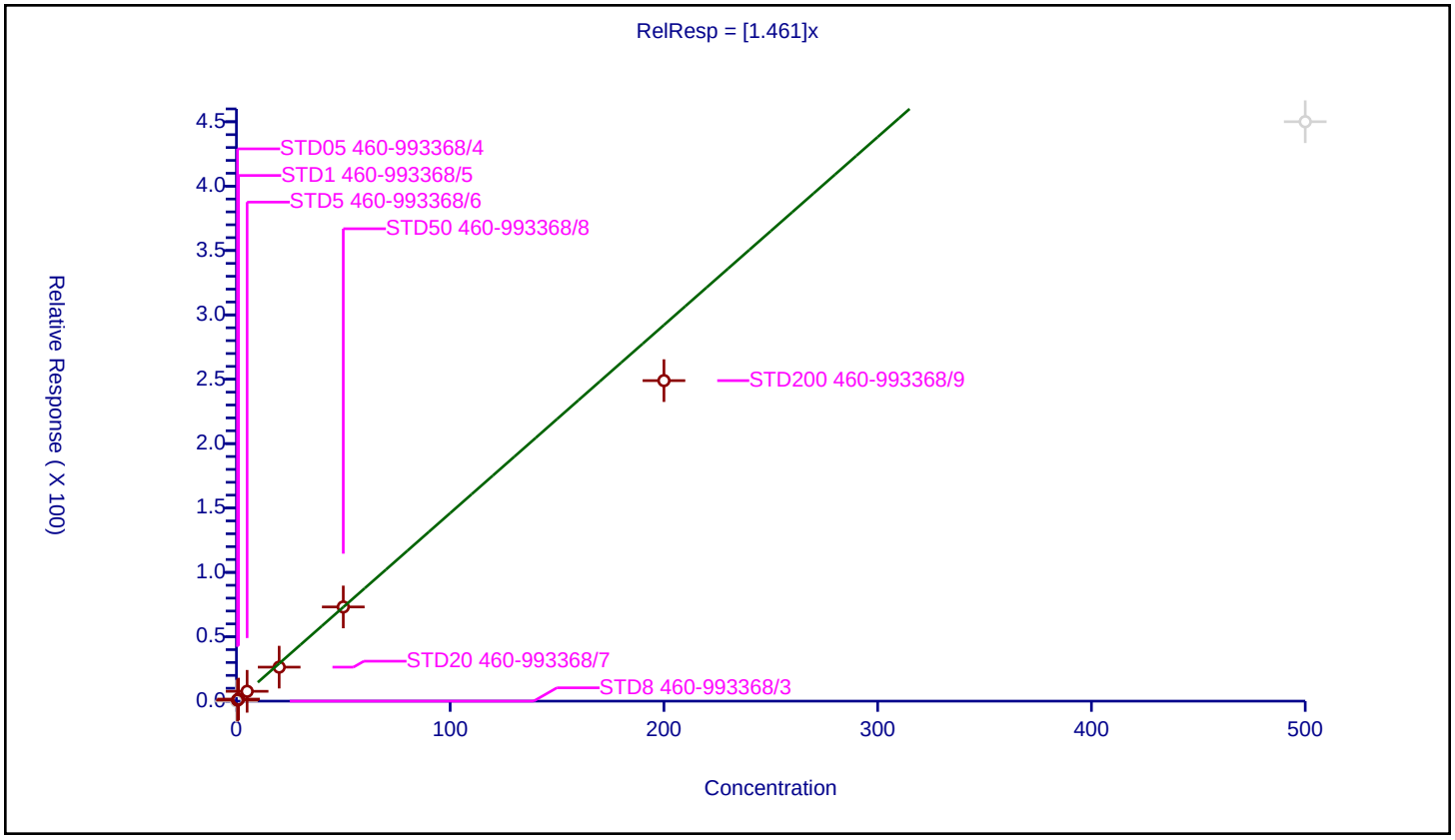
Curve Coefficients

Intercept:	0
Slope:	1.461

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.809024	50.0	529898.0	1.618047	Y
3	STD1 460-993368/5	1.0	1.586802	50.0	522214.0	1.586802	Y
4	STD5 460-993368/6	5.0	7.653782	50.0	538603.0	1.530756	Y
5	STD20 460-993368/7	20.0	26.406662	50.0	533106.0	1.320333	Y
6	STD50 460-993368/8	50.0	73.15189	50.0	539727.0	1.463038	Y
7	STD200 460-993368/9	200.0	248.948121	50.0	572119.0	1.244741	Y
8	STD500 460-993368/10	500.0	450.047849	50.0	611293.0	0.900096	N



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

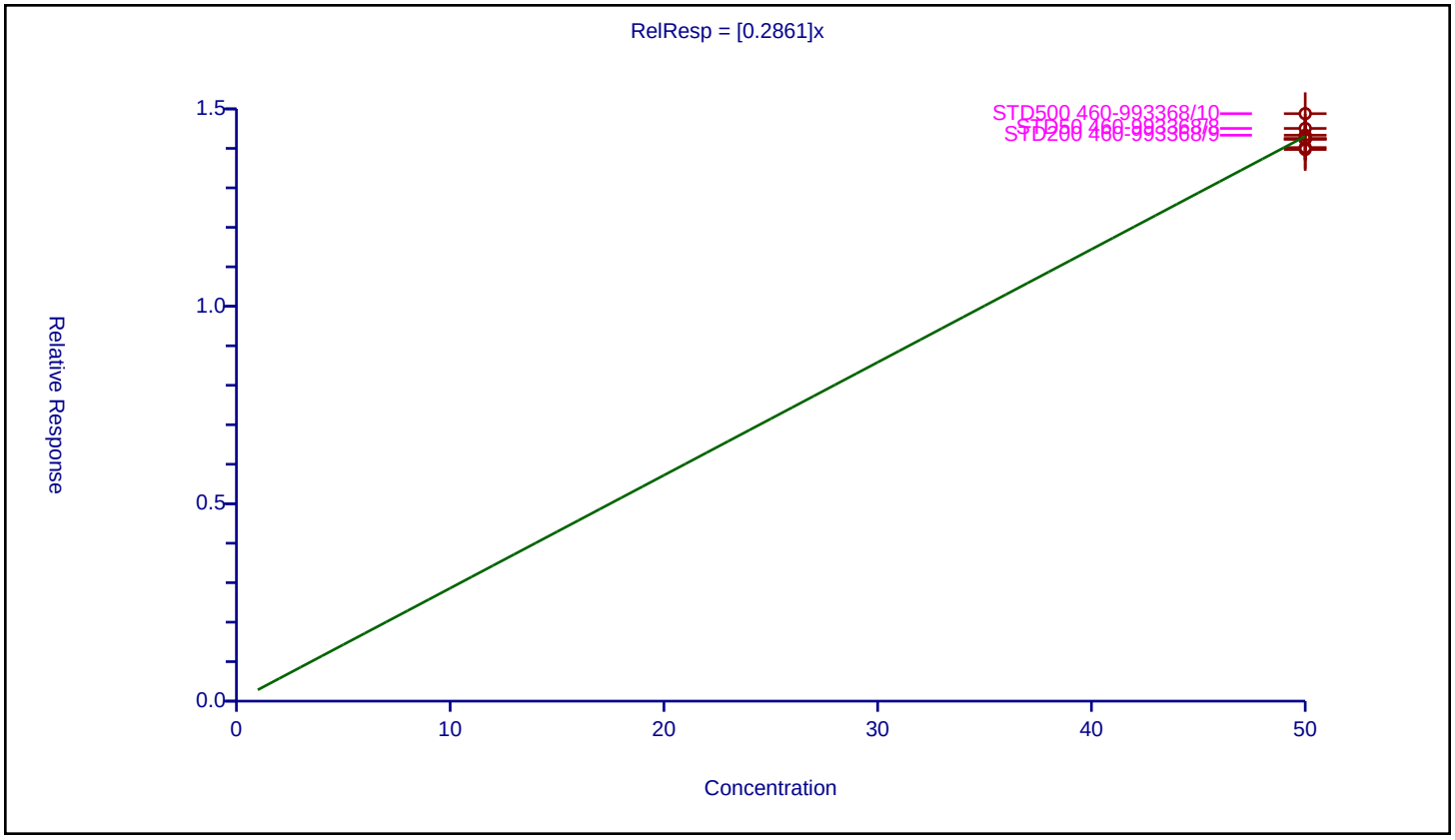
Curve Coefficients

Intercept:	0
Slope:	0.2861

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	14.229302	50.0	794663.0	0.284586	Y
2	STD05 460-993368/4	50.0	14.020741	50.0	767841.0	0.280415	Y
3	STD1 460-993368/5	50.0	14.24885	50.0	736870.0	0.284977	Y
4	STD5 460-993368/6	50.0	14.242471	50.0	753377.0	0.284849	Y
5	STD20 460-993368/7	50.0	13.971412	50.0	750665.0	0.279428	Y
6	STD50 460-993368/8	50.0	14.505386	50.0	760583.0	0.290108	Y
7	STD200 460-993368/9	50.0	14.33384	50.0	788850.0	0.286677	Y
8	STD500 460-993368/10	50.0	14.879472	50.0	838521.0	0.297589	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

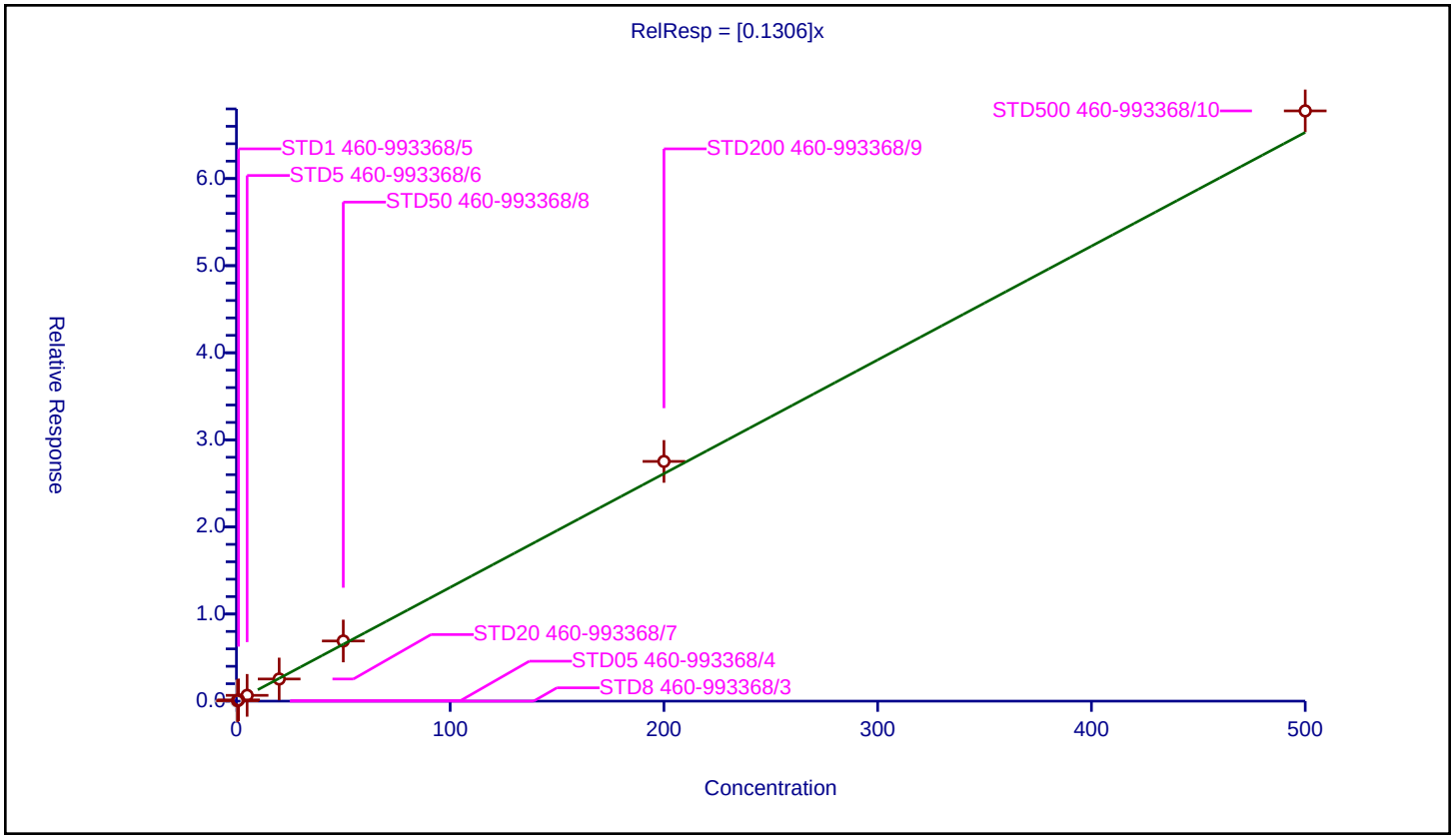
Curve Coefficients

Intercept:	0
Slope:	0.1306

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.050857	50.0	767841.0	0.101714	Y
3	STD1 460-993368/5	1.0	0.140934	50.0	736870.0	0.140934	Y
4	STD5 460-993368/6	5.0	0.666001	50.0	753377.0	0.1332	Y
5	STD20 460-993368/7	20.0	2.541613	50.0	750665.0	0.127081	Y
6	STD50 460-993368/8	50.0	6.907925	50.0	760583.0	0.138158	Y
7	STD200 460-993368/9	200.0	27.522913	50.0	788850.0	0.137615	Y
8	STD500 460-993368/10	500.0	67.770157	50.0	838521.0	0.13554	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

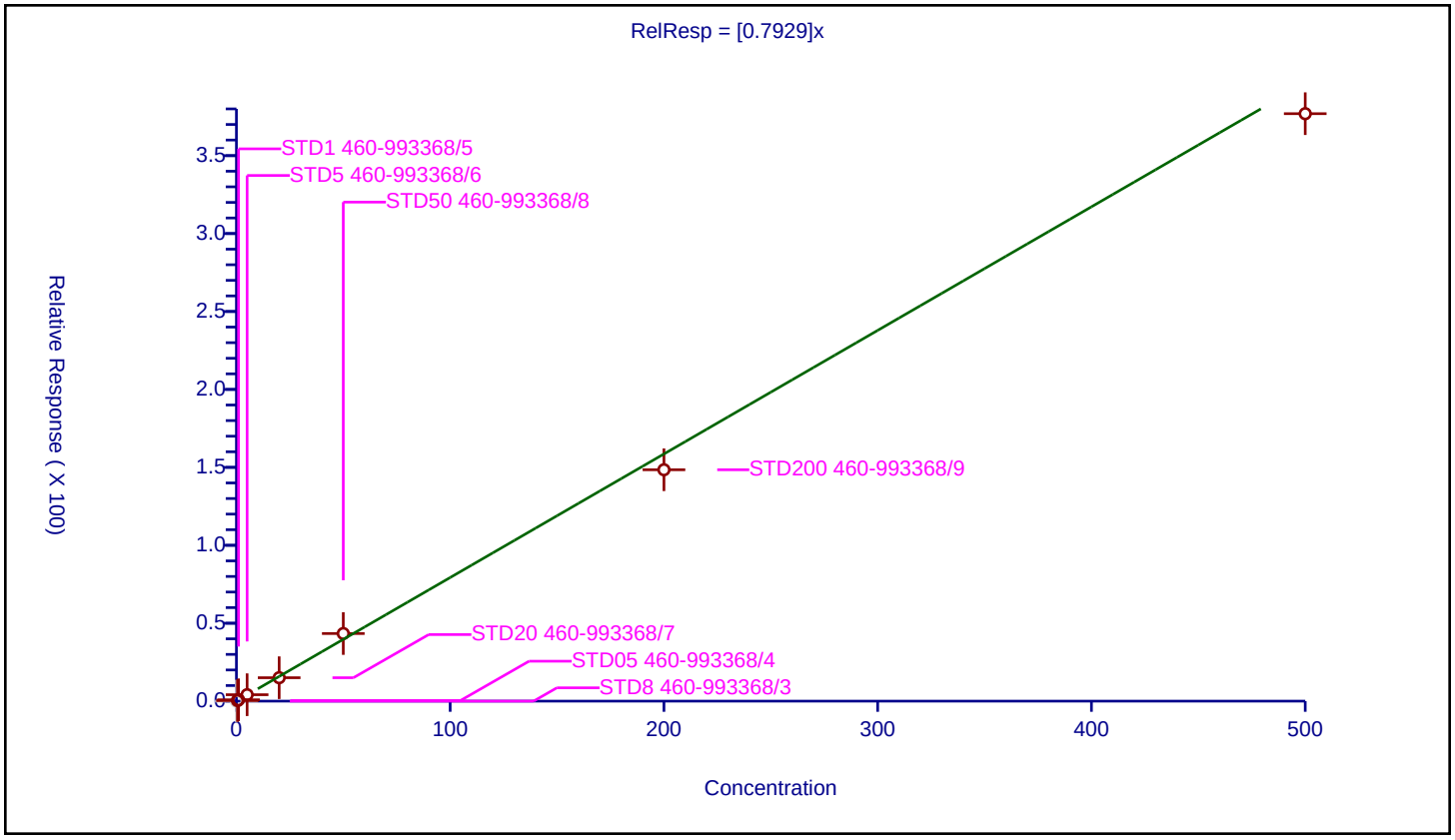
Curve Coefficients

Intercept:	0
Slope:	0.7929

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.370585	50.0	767841.0	0.741169	Y
3	STD1 460-993368/5	1.0	0.869285	50.0	736870.0	0.869285	Y
4	STD5 460-993368/6	5.0	4.123168	50.0	753377.0	0.824634	Y
5	STD20 460-993368/7	20.0	15.031339	50.0	750665.0	0.751567	Y
6	STD50 460-993368/8	50.0	43.385863	50.0	760583.0	0.867717	Y
7	STD200 460-993368/9	200.0	148.463269	50.0	788850.0	0.742316	Y
8	STD500 460-993368/10	500.0	376.917692	50.0	838521.0	0.753835	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

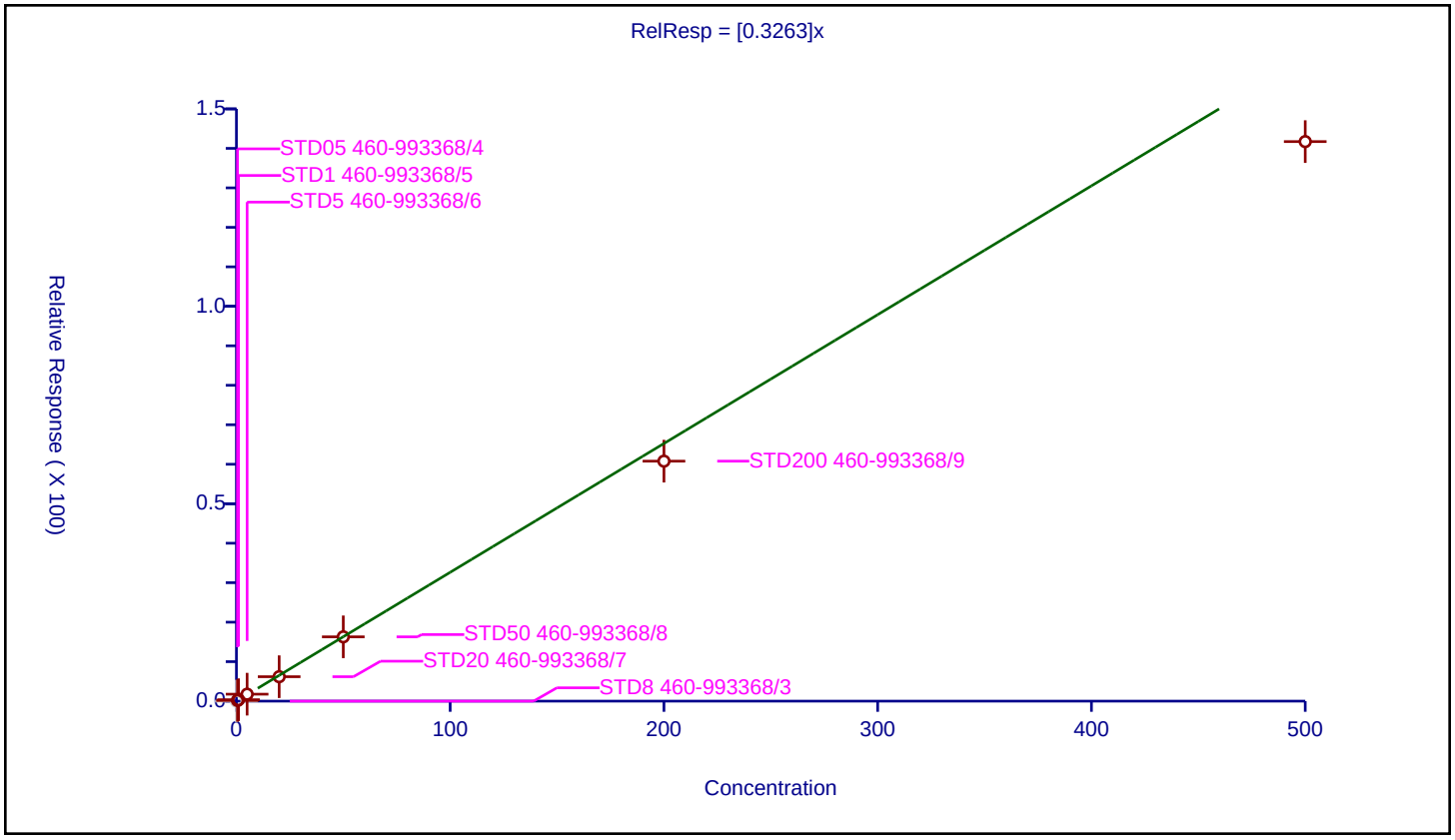
Curve Coefficients

Intercept:	0
Slope:	0.3263

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.173539	50.0	767841.0	0.347077	Y
3	STD1 460-993368/5	1.0	0.361801	50.0	736870.0	0.361801	Y
4	STD5 460-993368/6	5.0	1.762531	50.0	753377.0	0.352506	Y
5	STD20 460-993368/7	20.0	6.190511	50.0	750665.0	0.309526	Y
6	STD50 460-993368/8	50.0	16.286125	50.0	760583.0	0.325723	Y
7	STD200 460-993368/9	200.0	60.782405	50.0	788850.0	0.303912	Y
8	STD500 460-993368/10	500.0	141.716546	50.0	838521.0	0.283433	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

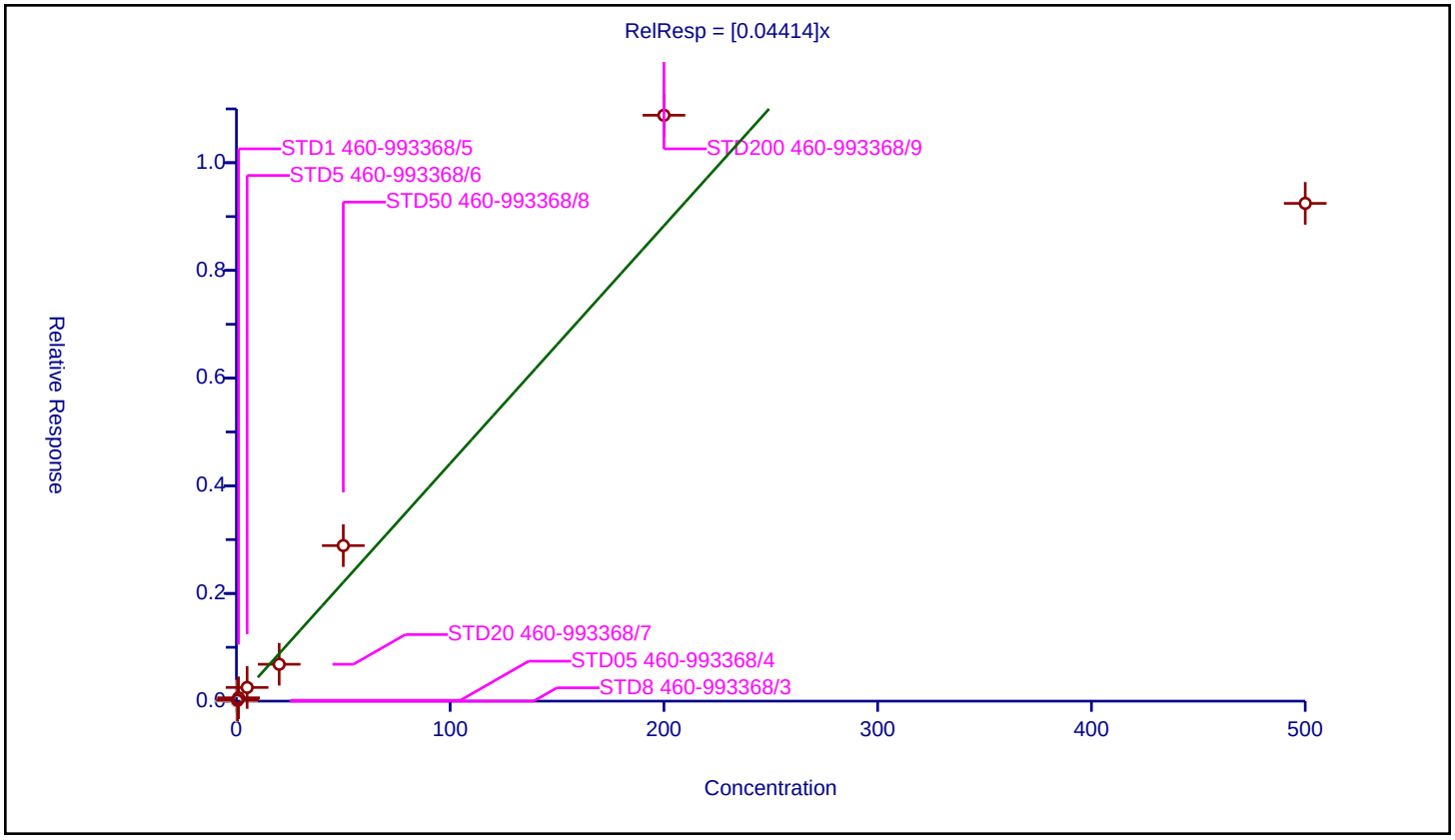
Curve Coefficients

Intercept:	0
Slope:	0.04414

Error Coefficients

Relative Standard Deviation:	36.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.015693	50.0	767841.0	0.031387	Y
3	STD1 460-993368/5	1.0	0.061883	50.0	736870.0	0.061883	Y
4	STD5 460-993368/6	5.0	0.254056	50.0	753377.0	0.050811	Y
5	STD20 460-993368/7	20.0	0.684793	50.0	750665.0	0.03424	Y
6	STD50 460-993368/8	50.0	2.889363	50.0	760583.0	0.057787	Y
7	STD200 460-993368/9	200.0	10.881663	50.0	788850.0	0.054408	Y
8	STD500 460-993368/10	500.0	9.245386	50.0	838521.0	0.018491	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

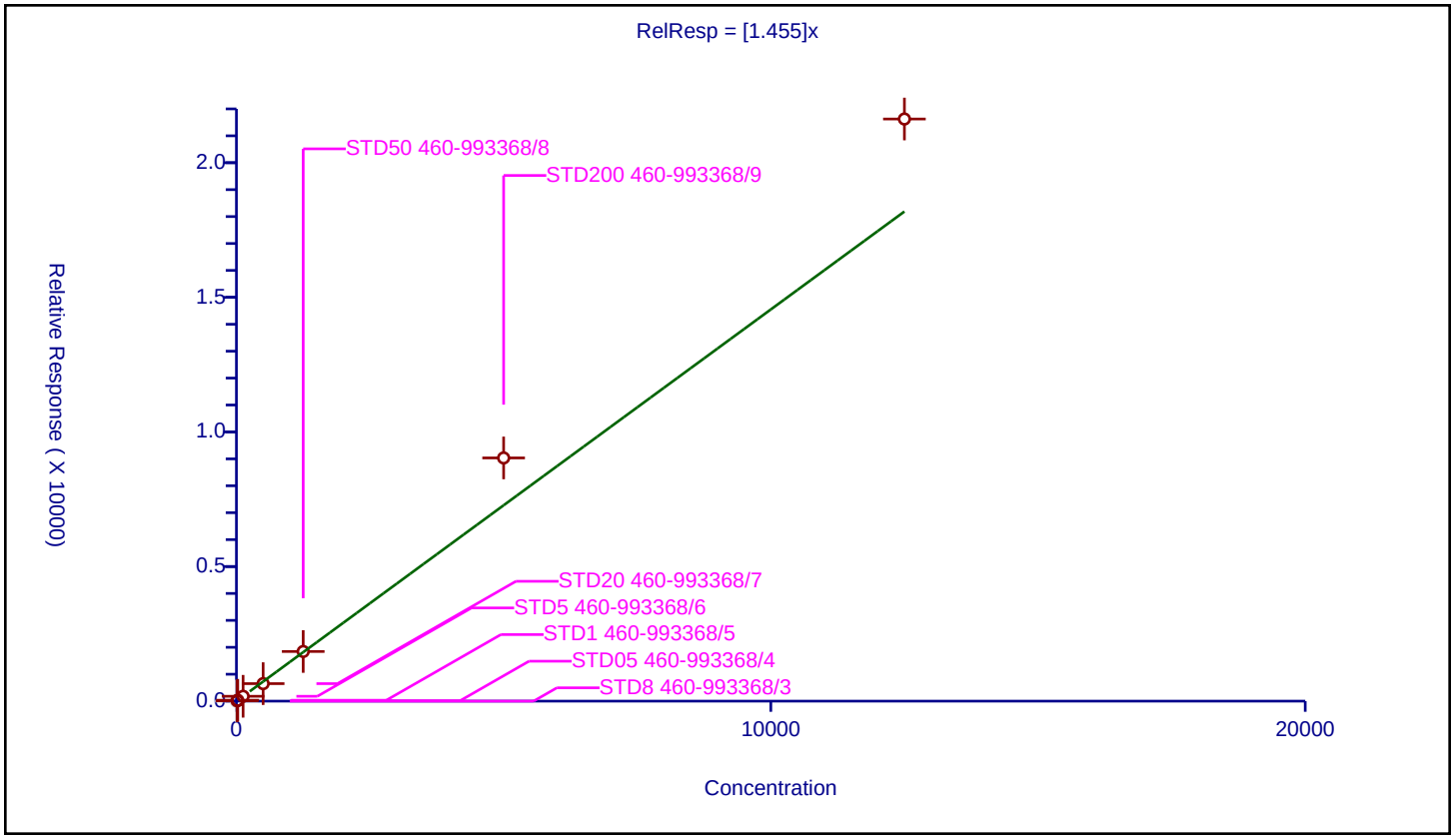
Curve Coefficients

Intercept:	0
Slope:	1.455

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	13.816756	1000.0	40820.0	1.105341	Y
3	STD1 460-993368/5	25.0	32.999455	1000.0	40334.0	1.319978	Y
4	STD5 460-993368/6	125.0	180.894992	1000.0	41654.0	1.44716	Y
5	STD20 460-993368/7	500.0	650.067729	1000.0	46509.0	1.300135	Y
6	STD50 460-993368/8	1250.0	1844.386282	1000.0	51962.0	1.475509	Y
7	STD200 460-993368/9	5000.0	9034.275905	1000.0	53011.0	1.806855	Y
8	STD500 460-993368/10	12500.0	21623.966323	1000.0	66752.0	1.729917	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

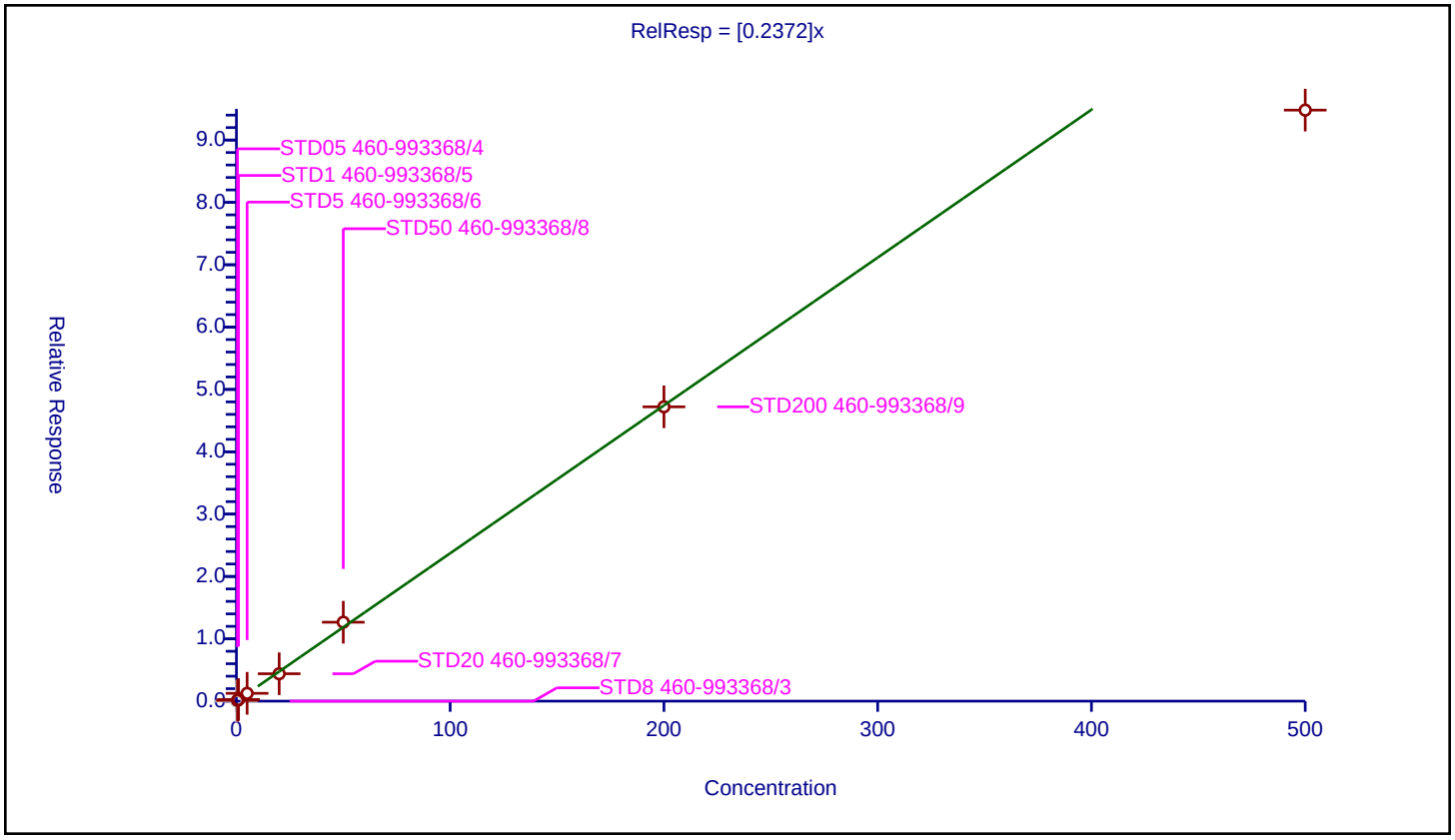
Curve Coefficients

Intercept:	0
Slope:	0.2372

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.125221	50.0	767841.0	0.250442	Y
3	STD1 460-993368/5	1.0	0.260222	50.0	736870.0	0.260222	Y
4	STD5 460-993368/6	5.0	1.254153	50.0	753377.0	0.250831	Y
5	STD20 460-993368/7	20.0	4.395036	50.0	750665.0	0.219752	Y
6	STD50 460-993368/8	50.0	12.661932	50.0	760583.0	0.253239	Y
7	STD200 460-993368/9	200.0	47.212398	50.0	788850.0	0.236062	Y
8	STD500 460-993368/10	500.0	94.802515	50.0	838521.0	0.189605	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

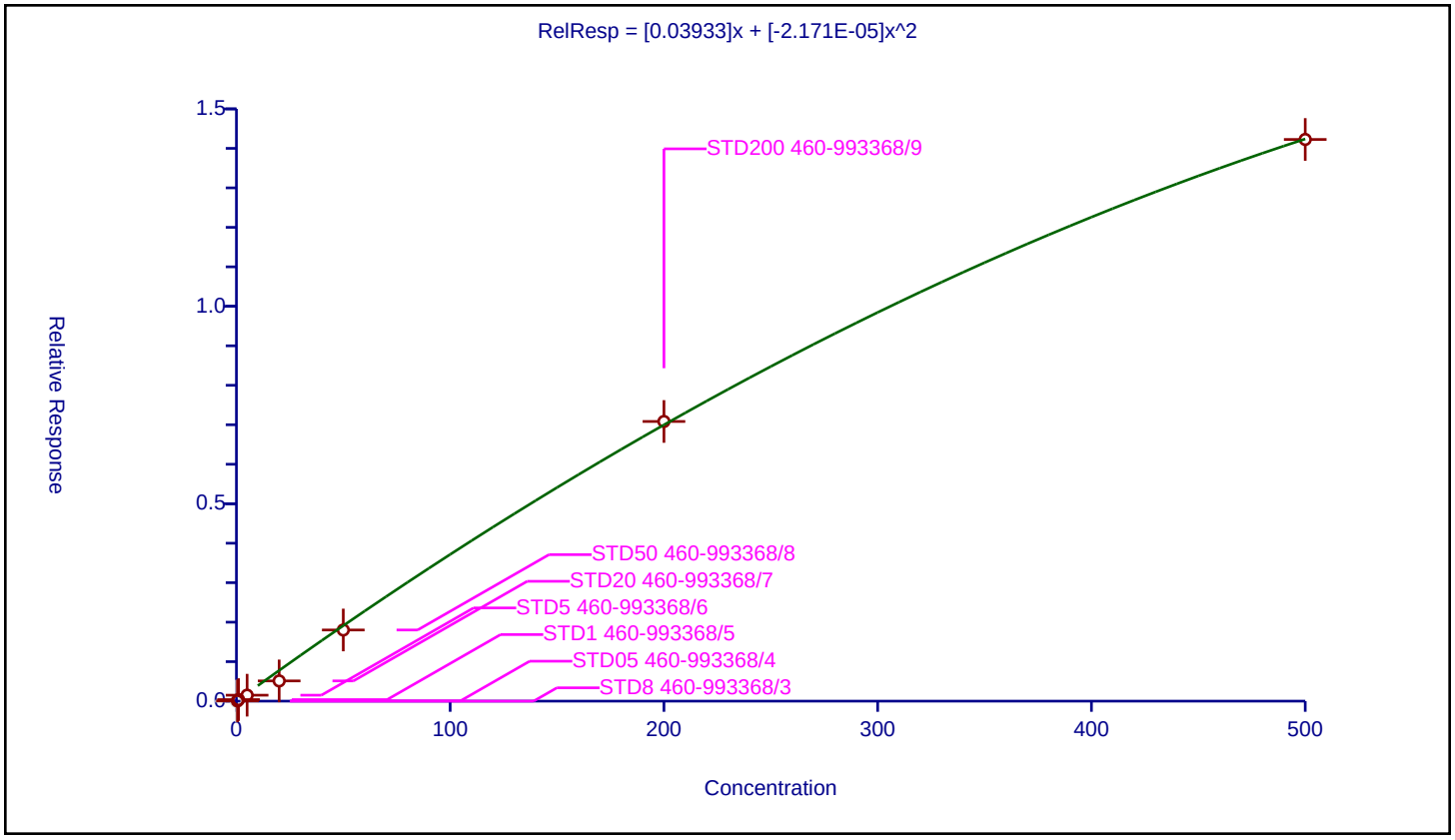
Curve Coefficients

Intercept:	0
Slope:	0.03933
Second Order:	-2.171E-05

Error Coefficients

Relative Standard Deviation:	36.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.005795	50.0	767841.0	0.011591	Y
3	STD1 460-993368/5	1.0	0.038813	50.0	736870.0	0.038813	Y
4	STD5 460-993368/6	5.0	0.150854	50.0	753377.0	0.030171	Y
5	STD20 460-993368/7	20.0	0.512412	50.0	750665.0	0.025621	Y
6	STD50 460-993368/8	50.0	1.801907	50.0	760583.0	0.036038	Y
7	STD200 460-993368/9	200.0	7.083539	50.0	788850.0	0.035418	Y
8	STD500 460-993368/10	500.0	14.225702	50.0	838521.0	0.028451	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

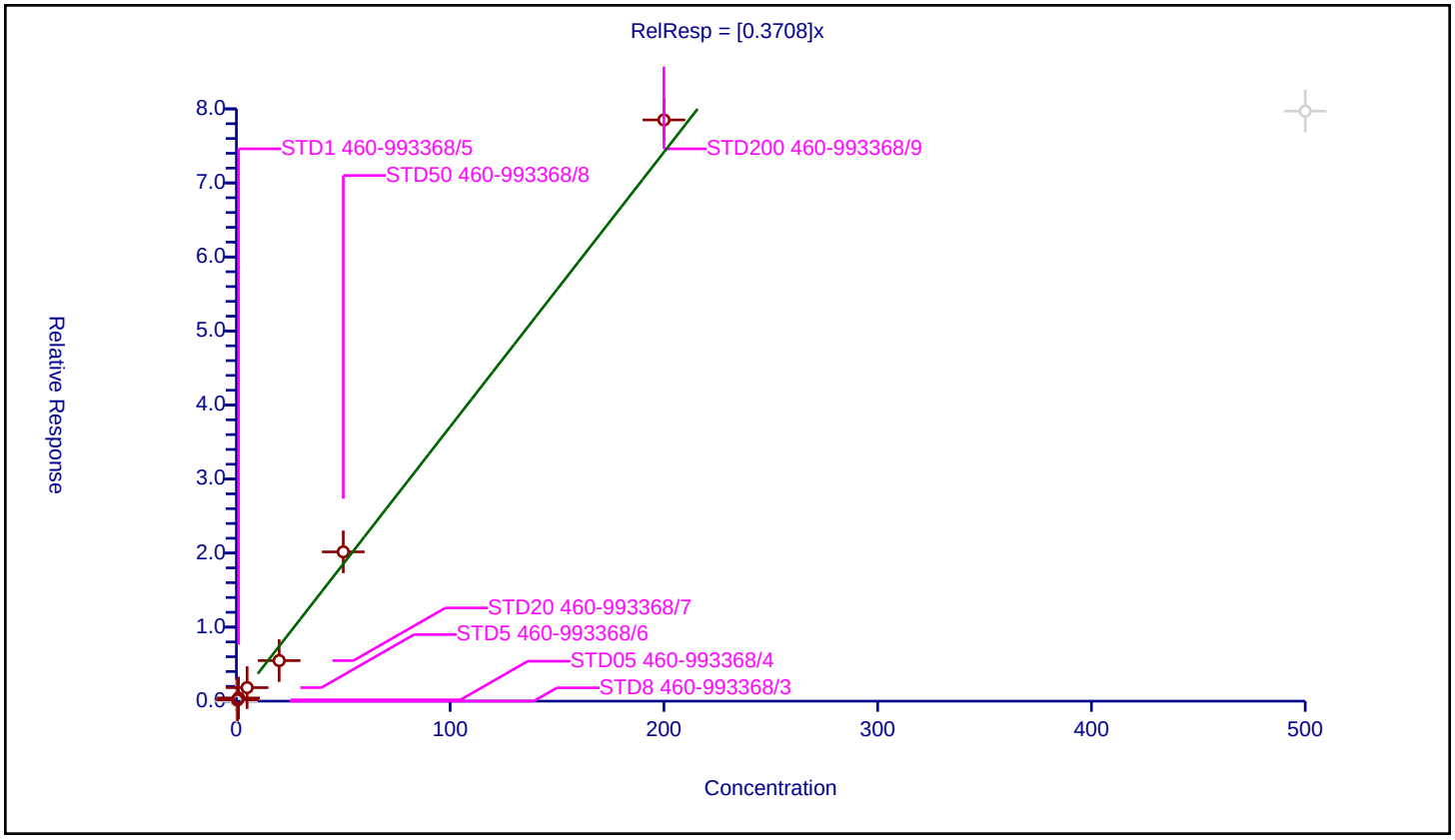
Curve Coefficients

Intercept:	0
Slope:	0.3708

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.180767	50.0	767841.0	0.361533	Y
3	STD1 460-993368/5	1.0	0.428298	50.0	736870.0	0.428298	Y
4	STD5 460-993368/6	5.0	1.826244	50.0	753377.0	0.365249	Y
5	STD20 460-993368/7	20.0	5.476078	50.0	750665.0	0.273804	Y
6	STD50 460-993368/8	50.0	20.161442	50.0	760583.0	0.403229	Y
7	STD200 460-993368/9	200.0	78.50694	50.0	788850.0	0.392535	Y
8	STD500 460-993368/10	500.0	79.697885	50.0	838521.0	0.159396	N



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

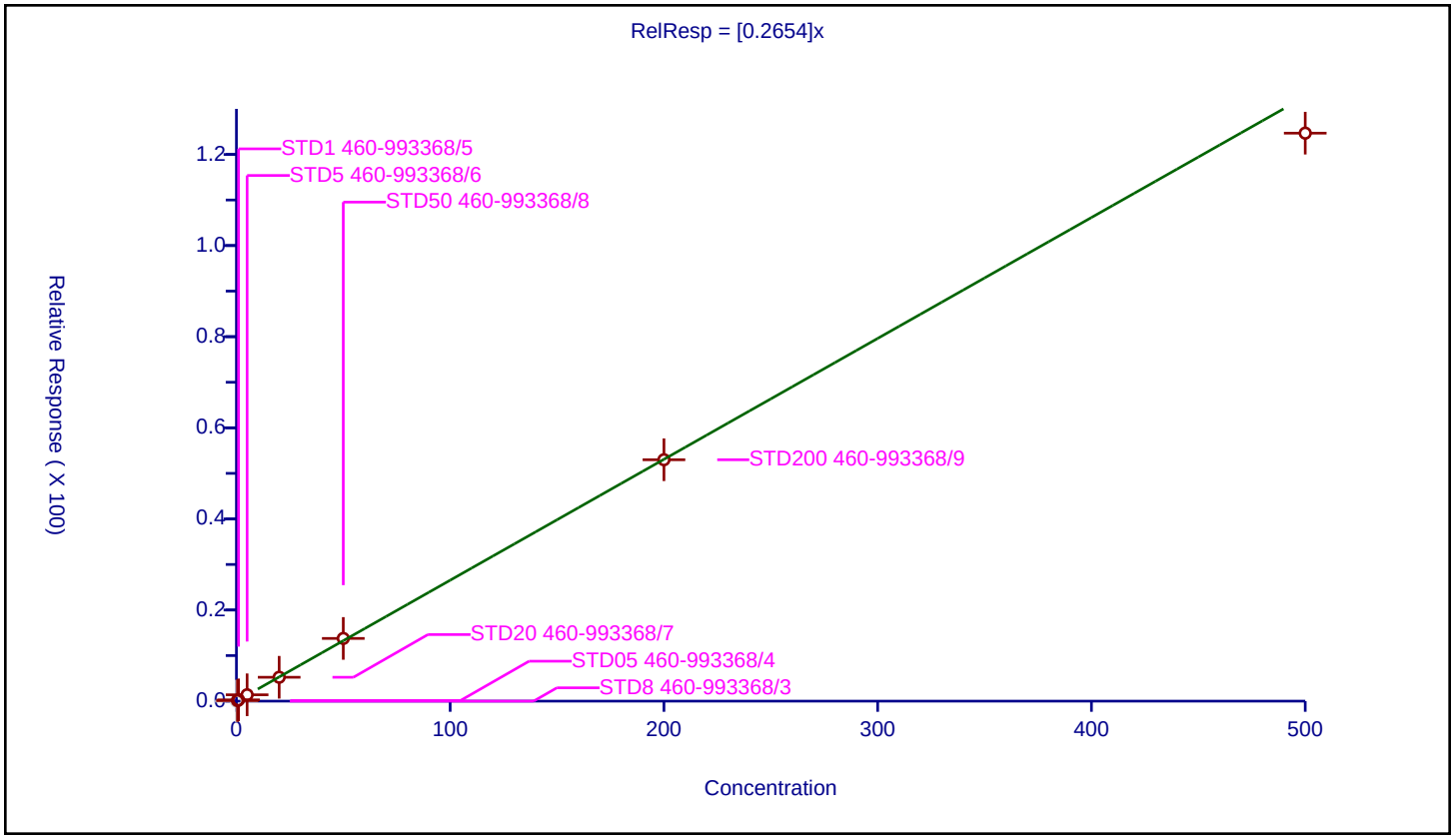
Curve Coefficients

Intercept:	0
Slope:	0.2654

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.124765	50.0	767841.0	0.249531	Y
3	STD1 460-993368/5	1.0	0.277593	50.0	736870.0	0.277593	Y
4	STD5 460-993368/6	5.0	1.394786	50.0	753377.0	0.278957	Y
5	STD20 460-993368/7	20.0	5.242751	50.0	750665.0	0.262138	Y
6	STD50 460-993368/8	50.0	13.762535	50.0	760583.0	0.275251	Y
7	STD200 460-993368/9	200.0	52.989922	50.0	788850.0	0.26495	Y
8	STD500 460-993368/10	500.0	124.674695	50.0	838521.0	0.249349	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

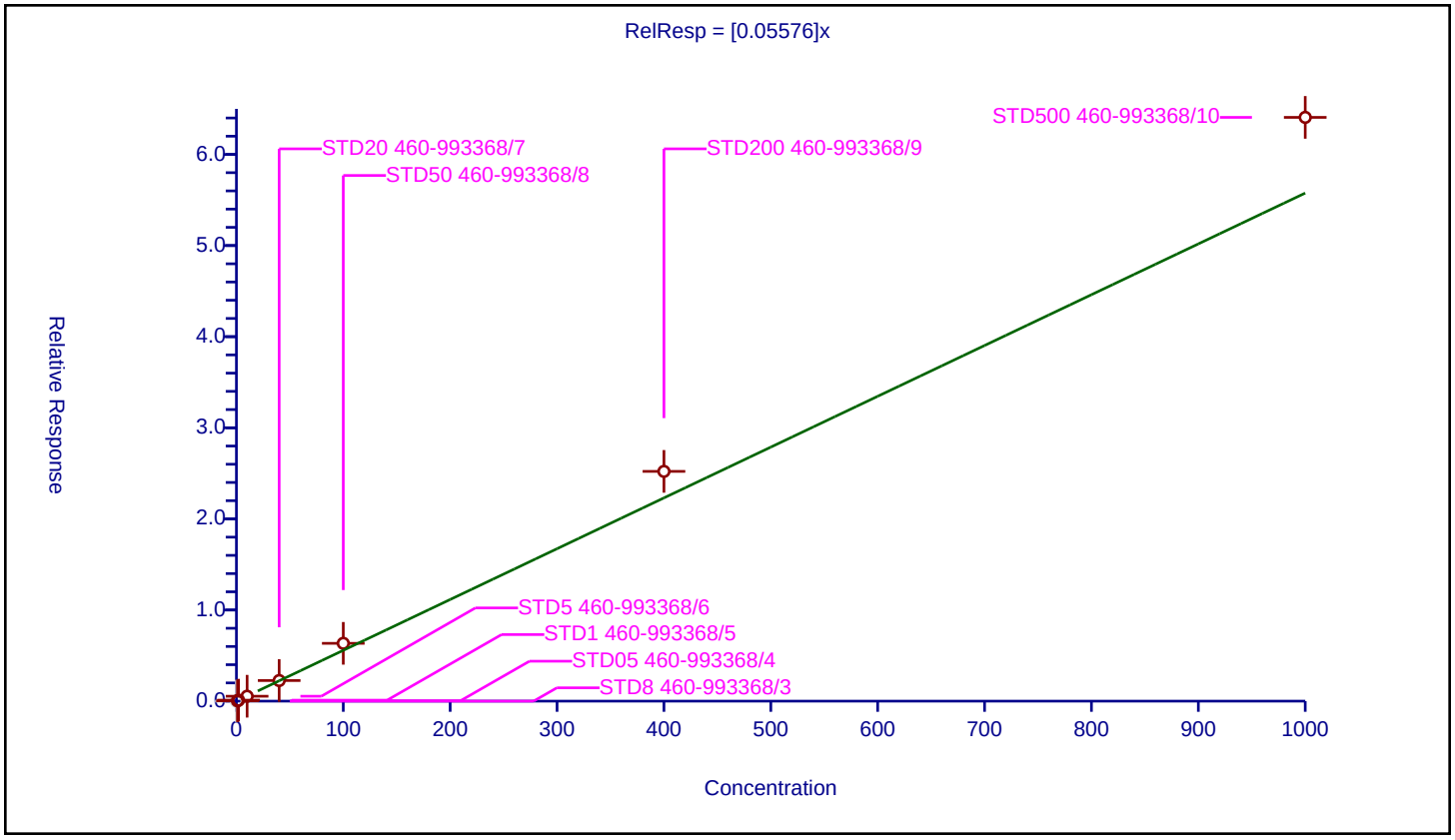
Curve Coefficients

Intercept:	0
Slope:	0.05576

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.036466	50.0	767841.0	0.036466	Y
3	STD1 460-993368/5	2.0	0.105446	50.0	736870.0	0.052723	Y
4	STD5 460-993368/6	10.0	0.540168	50.0	753377.0	0.054017	Y
5	STD20 460-993368/7	40.0	2.261861	50.0	750665.0	0.056547	Y
6	STD50 460-993368/8	100.0	6.345461	50.0	760583.0	0.063455	Y
7	STD200 460-993368/9	400.0	25.215377	50.0	788850.0	0.063038	Y
8	STD500 460-993368/10	1000.0	64.067149	50.0	838521.0	0.064067	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

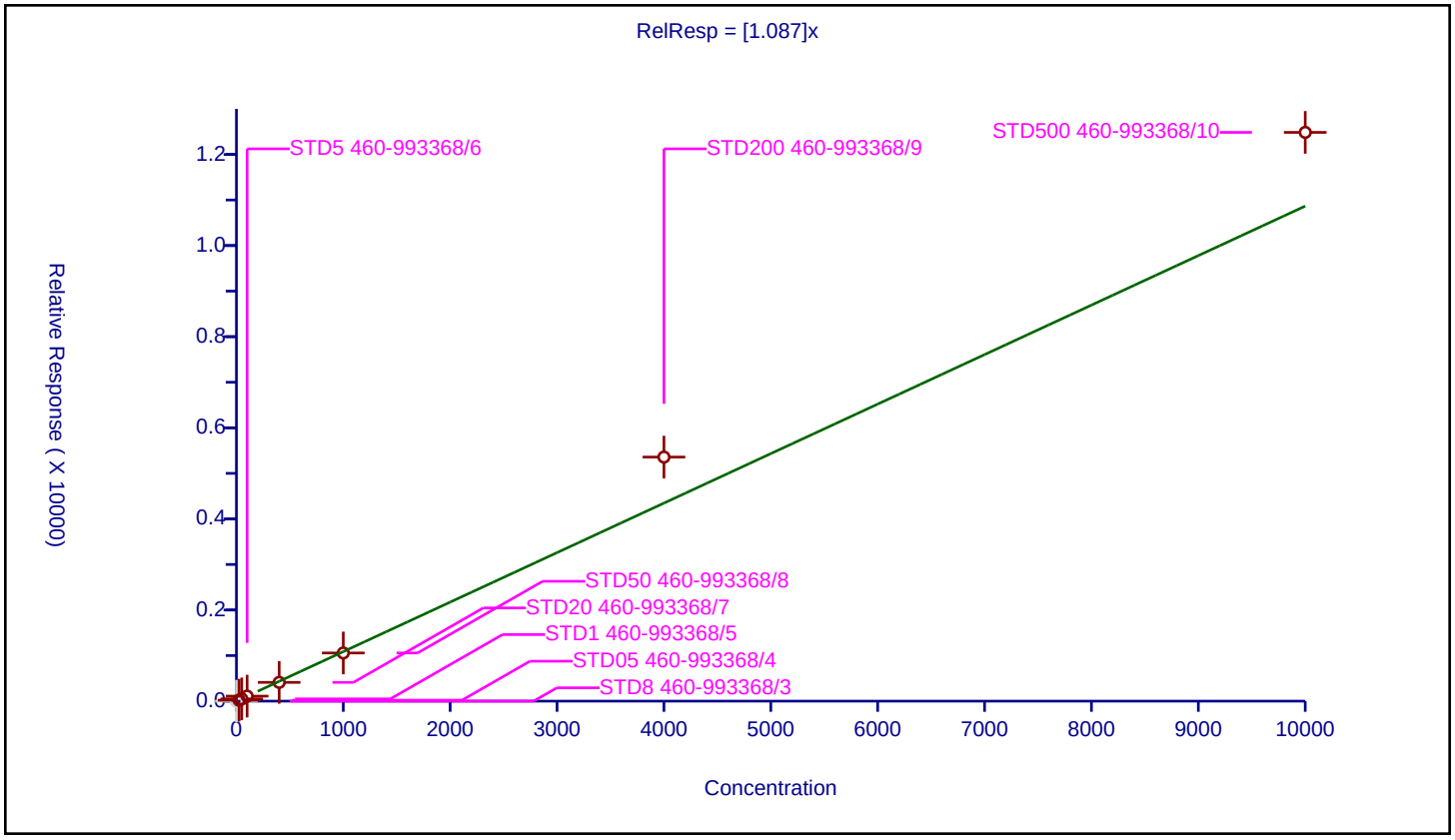
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	29940.0	NaN	N
2	STD05 460-993368/4	25.000031	20.930841	1000.0	34399.0	0.837233	Y
3	STD1 460-993368/5	50.000062	49.678274	1000.0	31704.0	0.993564	Y
4	STD5 460-993368/6	100.0	110.079648	1000.0	36410.0	1.100796	Y
5	STD20 460-993368/7	400.0	412.027561	1000.0	34687.0	1.030069	Y
6	STD50 460-993368/8	1000.0	1057.114747	1000.0	38624.0	1.057115	Y
7	STD200 460-993368/9	4000.0	5356.963675	1000.0	30695.0	1.339241	Y
8	STD500 460-993368/10	10000.0	12484.393467	1000.0	37228.0	1.248439	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

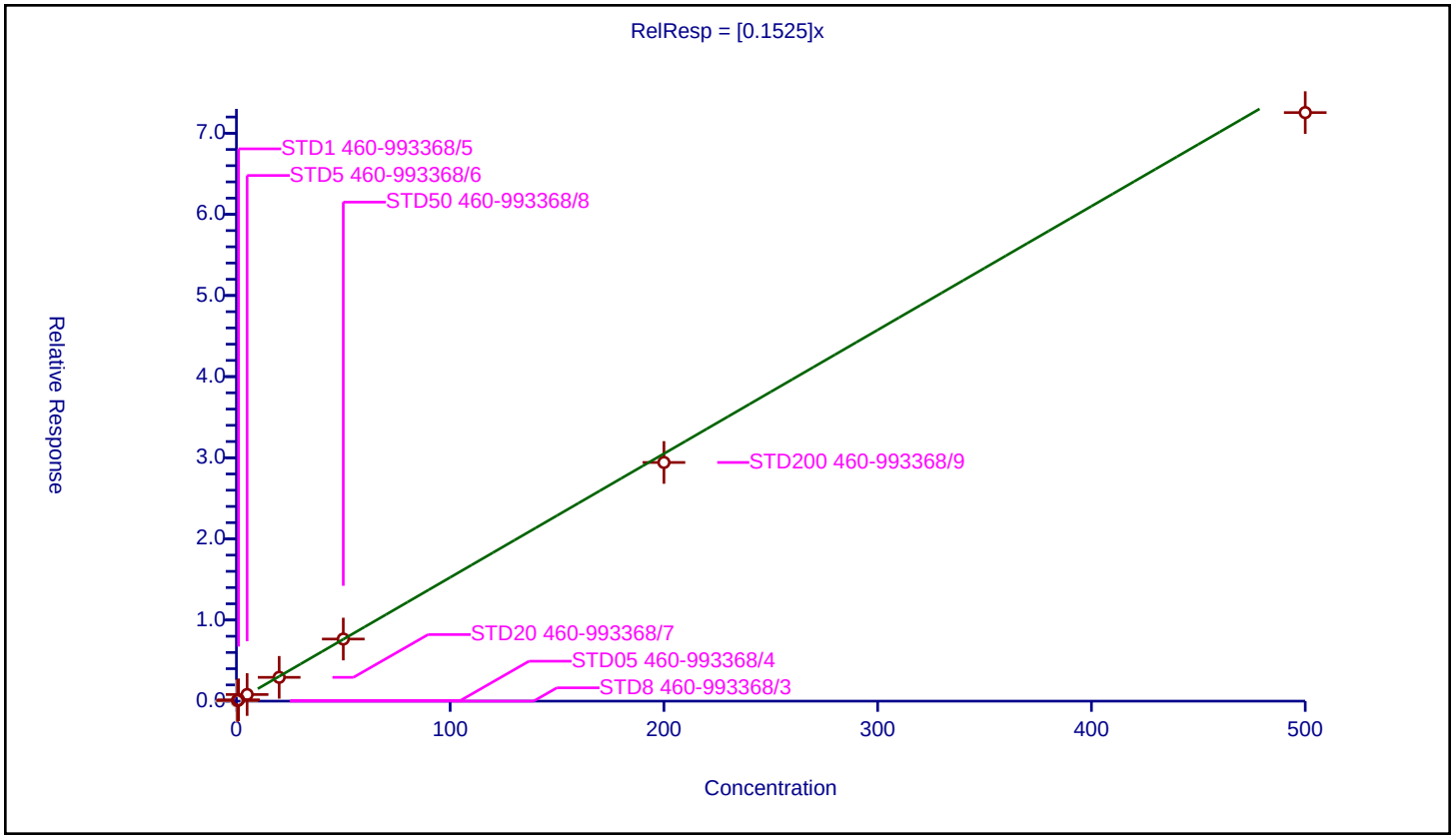
Curve Coefficients

Intercept:	0
Slope:	0.1525

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.075341	50.0	767841.0	0.150682	Y
3	STD1 460-993368/5	1.0	0.161494	50.0	736870.0	0.161494	Y
4	STD5 460-993368/6	5.0	0.817054	50.0	753377.0	0.163411	Y
5	STD20 460-993368/7	20.0	2.934132	50.0	750665.0	0.146707	Y
6	STD50 460-993368/8	50.0	7.65472	50.0	760583.0	0.153094	Y
7	STD200 460-993368/9	200.0	29.419091	50.0	788850.0	0.147095	Y
8	STD500 460-993368/10	500.0	72.543562	50.0	838521.0	0.145087	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

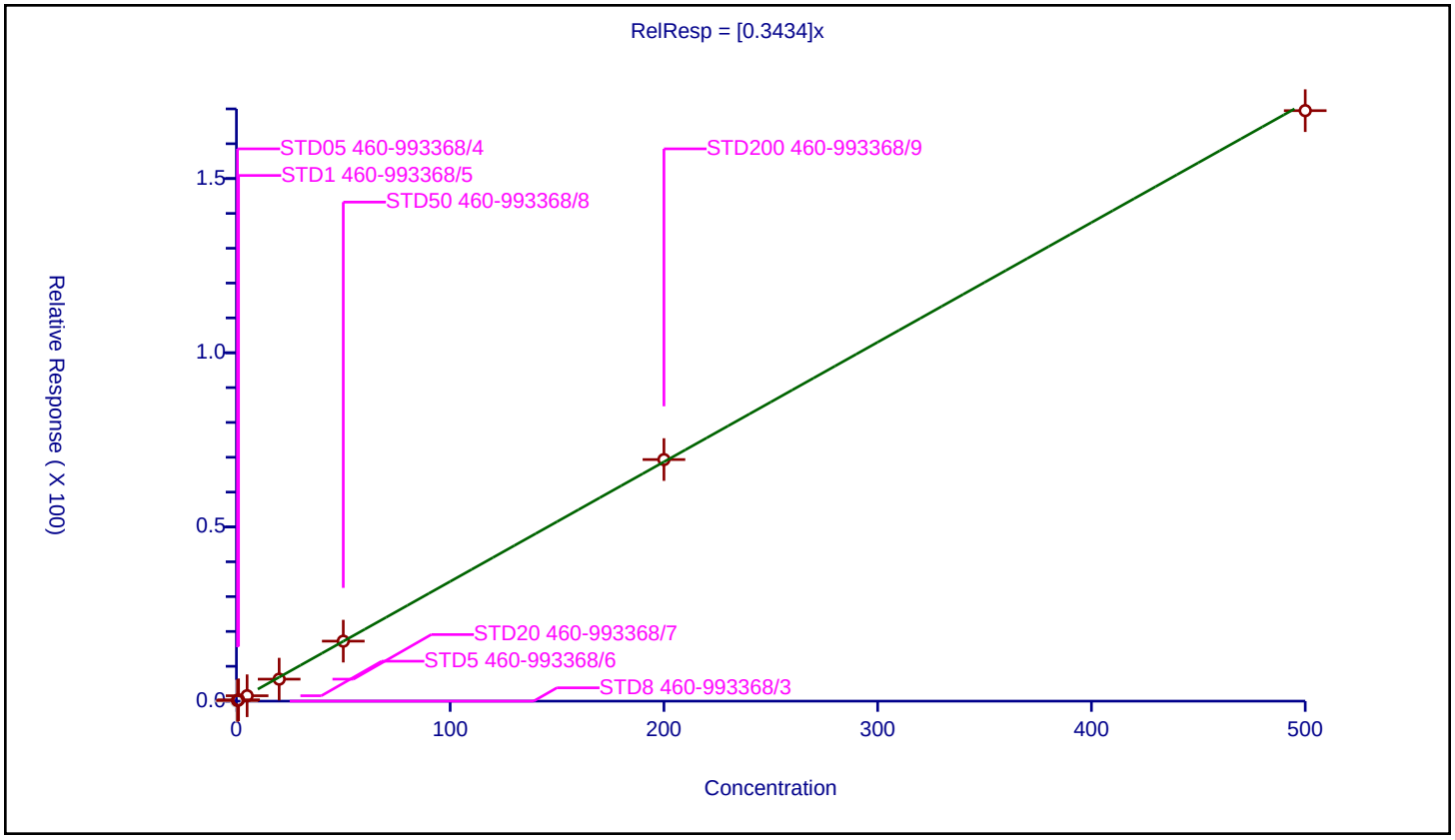
Curve Coefficients

Intercept:	0
Slope:	0.3434

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.186888	50.0	767841.0	0.373775	Y
3	STD1 460-993368/5	1.0	0.375439	50.0	736870.0	0.375439	Y
4	STD5 460-993368/6	5.0	1.546901	50.0	753377.0	0.30938	Y
5	STD20 460-993368/7	20.0	6.308606	50.0	750665.0	0.31543	Y
6	STD50 460-993368/8	50.0	17.220737	50.0	760583.0	0.344415	Y
7	STD200 460-993368/9	200.0	69.340876	50.0	788850.0	0.346704	Y
8	STD500 460-993368/10	500.0	169.493549	50.0	838521.0	0.338987	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

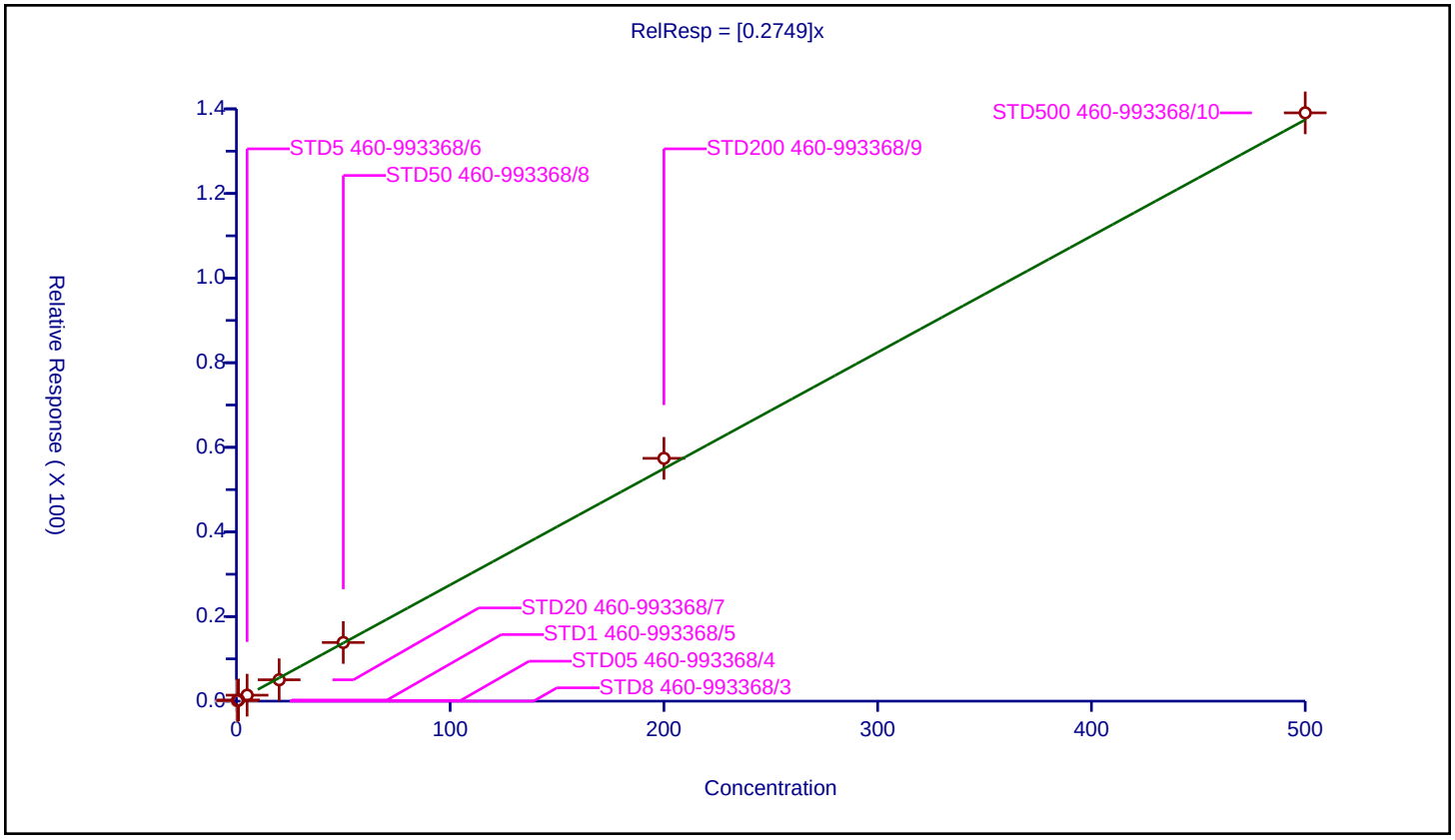
Curve Coefficients

Intercept:	0
Slope:	0.2749

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.137008	50.0	767841.0	0.274015	Y
3	STD1 460-993368/5	1.0	0.272775	50.0	736870.0	0.272775	Y
4	STD5 460-993368/6	5.0	1.410648	50.0	753377.0	0.28213	Y
5	STD20 460-993368/7	20.0	5.052054	50.0	750665.0	0.252603	Y
6	STD50 460-993368/8	50.0	13.86844	50.0	760583.0	0.277369	Y
7	STD200 460-993368/9	200.0	57.398301	50.0	788850.0	0.286992	Y
8	STD500 460-993368/10	500.0	139.063124	50.0	838521.0	0.278126	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

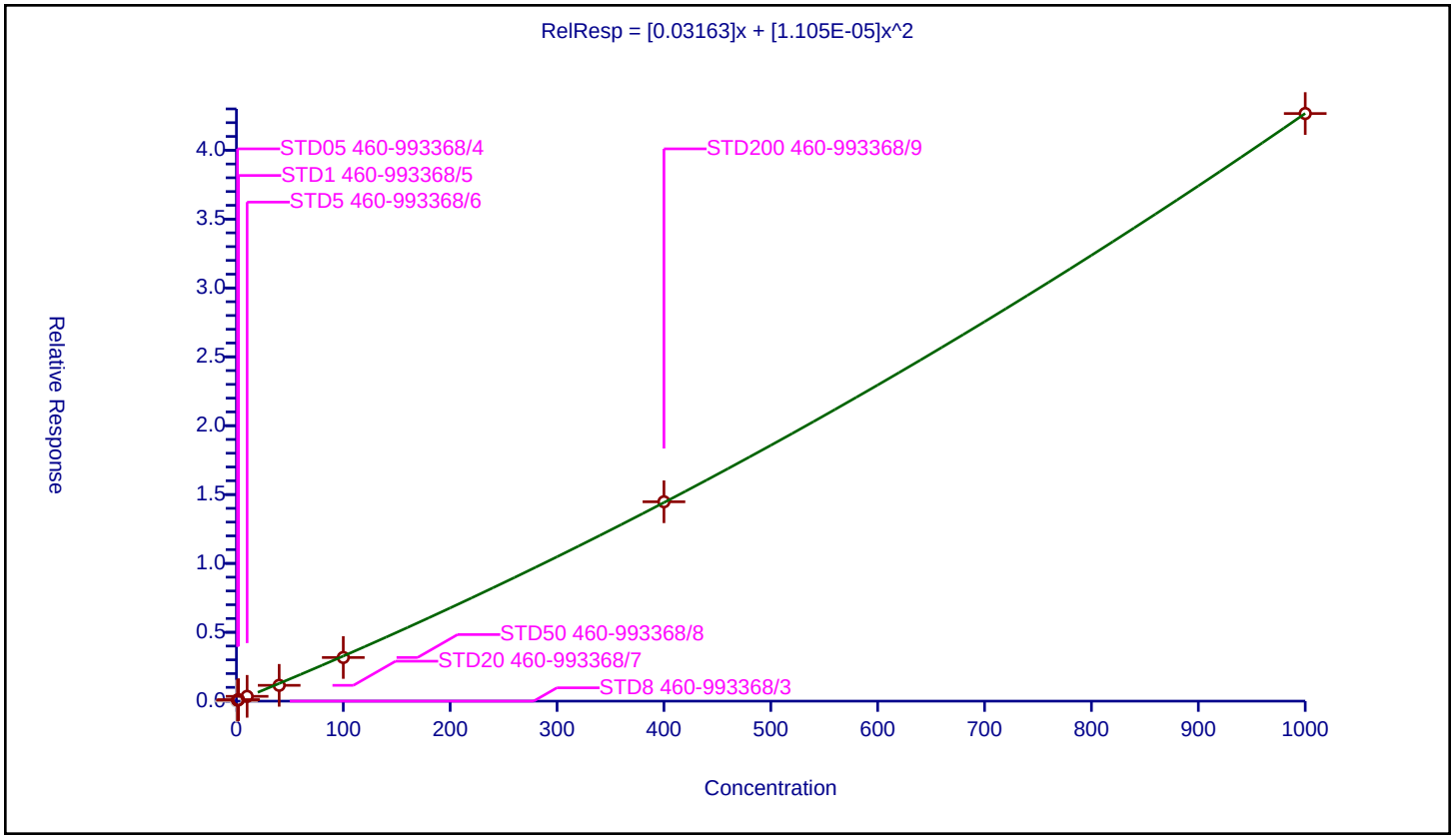
Curve Coefficients

Intercept:	0
Slope:	0.03163
Second Order:	1.105E-05

Error Coefficients

Relative Standard Deviation:	65.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.072606	50.0	767841.0	0.072606	Y
3	STD1 460-993368/5	2.0	0.10531	50.0	736870.0	0.052655	Y
4	STD5 460-993368/6	10.0	0.348232	50.0	753377.0	0.034823	Y
5	STD20 460-993368/7	40.0	1.148382	50.0	750665.0	0.02871	Y
6	STD50 460-993368/8	100.0	3.169214	50.0	760583.0	0.031692	Y
7	STD200 460-993368/9	400.0	14.476073	50.0	788850.0	0.03619	Y
8	STD500 460-993368/10	1000.0	42.662676	50.0	838521.0	0.042663	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

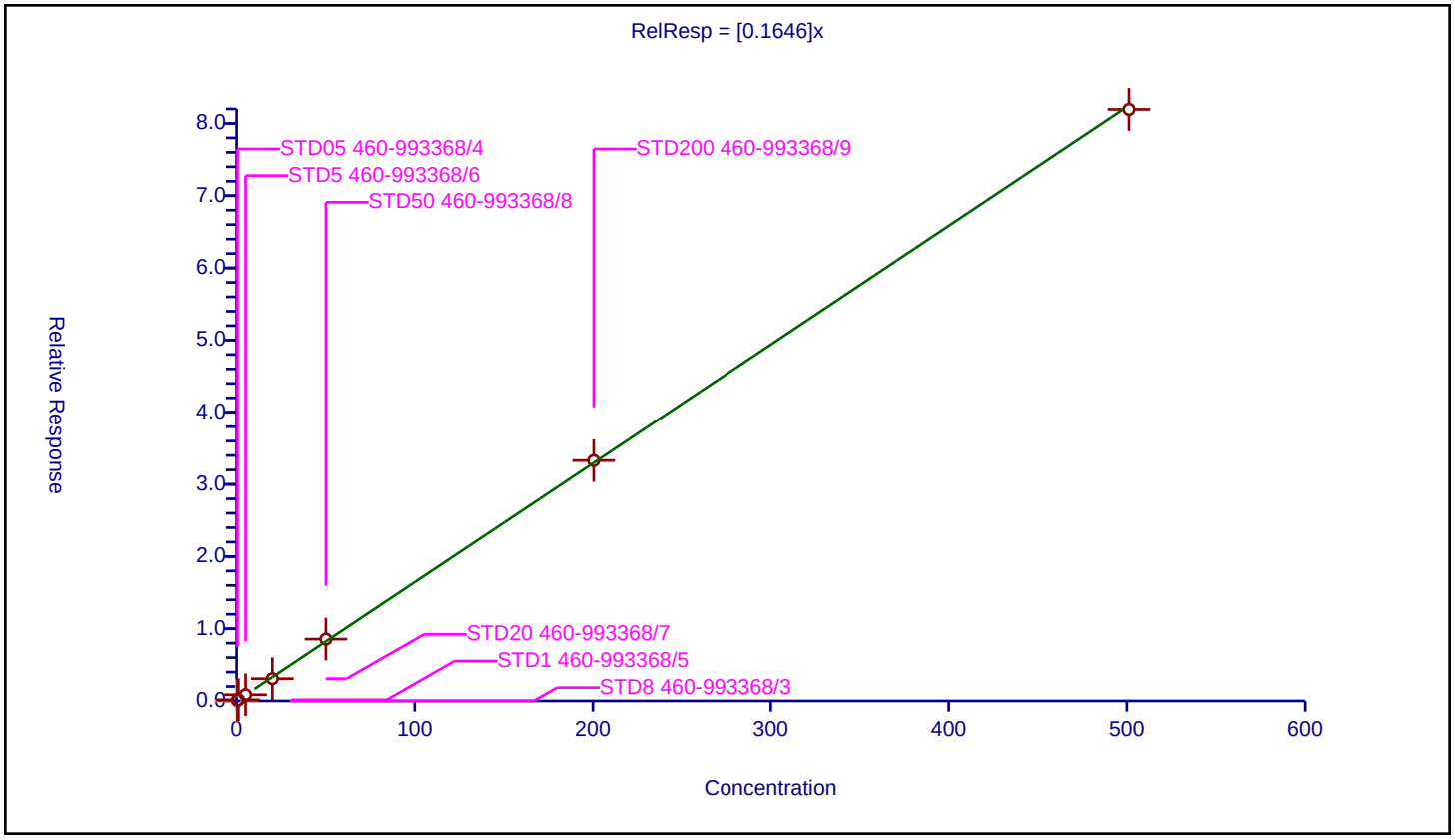
Curve Coefficients

Intercept:	0
Slope:	0.1646

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5012	0.082569	50.0	767841.0	0.164743	Y
3	STD1 460-993368/5	1.0024	0.162105	50.0	736870.0	0.161716	Y
4	STD5 460-993368/6	5.012	0.859264	50.0	753377.0	0.171441	Y
5	STD20 460-993368/7	20.048	3.079736	50.0	750665.0	0.153618	Y
6	STD50 460-993368/8	50.12	8.561459	50.0	760583.0	0.170819	Y
7	STD200 460-993368/9	200.48	33.305825	50.0	788850.0	0.16613	Y
8	STD500 460-993368/10	501.2	81.938377	50.0	838521.0	0.163484	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

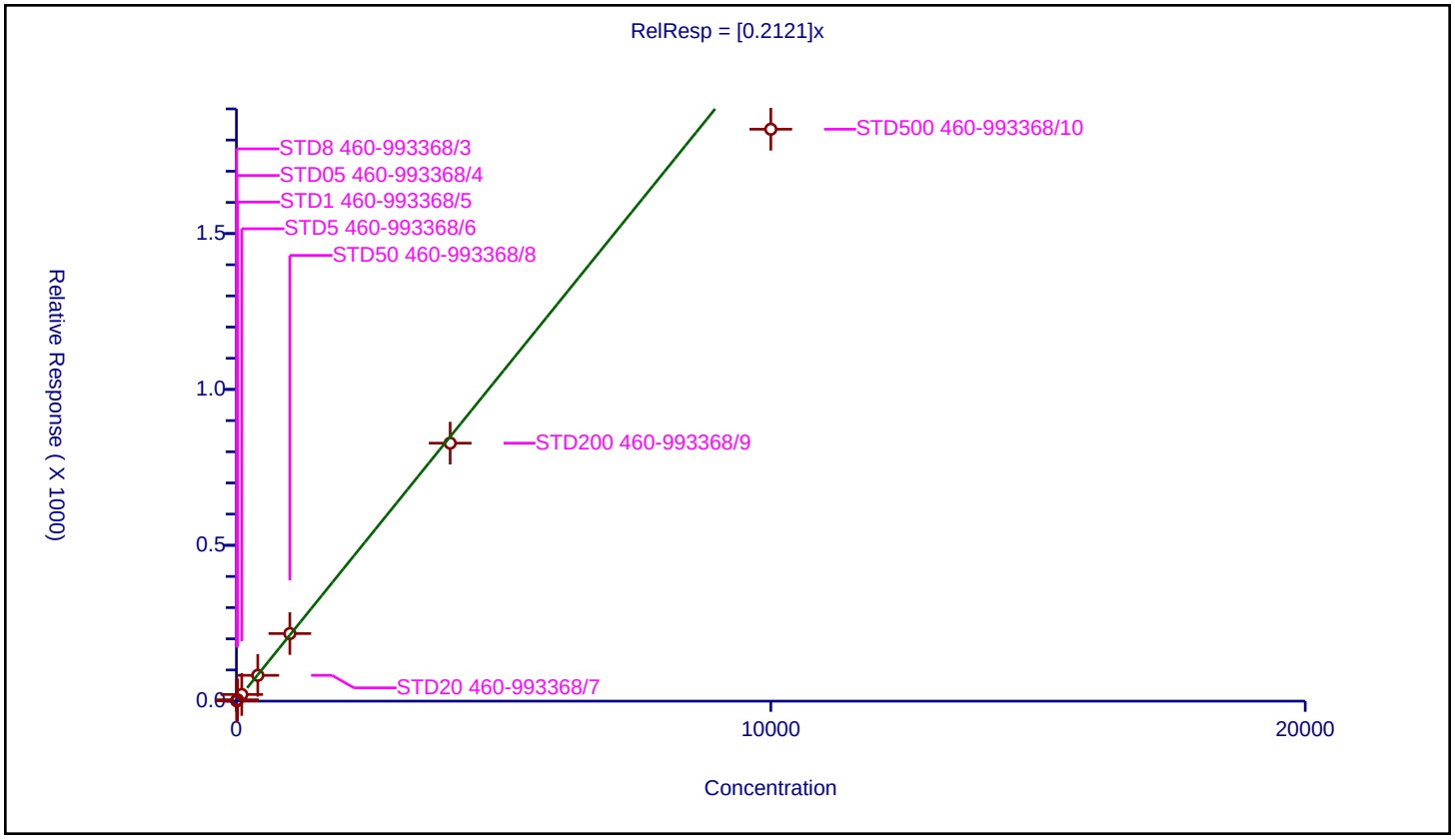
Curve Coefficients

Intercept:	0
Slope:	0.2121

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	5.000009	1.098436	250.0	419005.0	0.219687	Y
2	STD05 460-993368/4	10.000017	2.269877	250.0	395506.0	0.226987	Y
3	STD1 460-993368/5	20.000035	4.441459	250.0	398180.0	0.222073	Y
4	STD5 460-993368/6	100.000173	21.381361	250.0	406838.0	0.213813	Y
5	STD20 460-993368/7	400.000692	82.793073	250.0	409216.0	0.206982	Y
6	STD50 460-993368/8	1000.00173	216.848215	250.0	425965.0	0.216848	Y
7	STD200 460-993368/9	4000.00692	827.64621	250.0	444806.0	0.206911	Y
8	STD500 460-993368/10	10000.0173	1834.743331	250.0	496691.0	0.183474	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

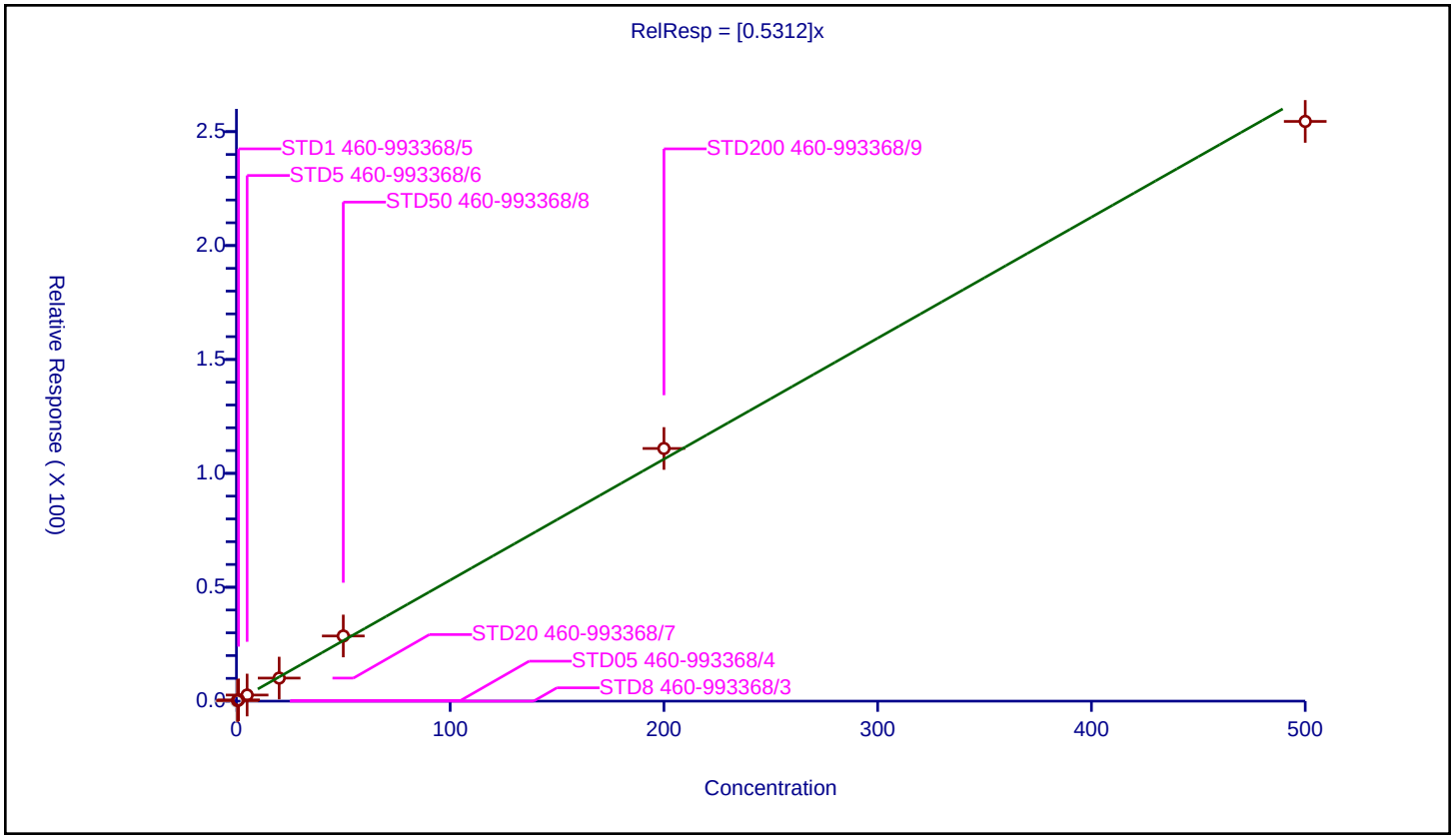
Curve Coefficients

Intercept:	0
Slope:	0.5312

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.248067	50.0	529898.0	0.496133	Y
3	STD1 460-993368/5	1.0	0.543838	50.0	522214.0	0.543838	Y
4	STD5 460-993368/6	5.0	2.681196	50.0	538603.0	0.536239	Y
5	STD20 460-993368/7	20.0	10.125566	50.0	533106.0	0.506278	Y
6	STD50 460-993368/8	50.0	28.603349	50.0	539727.0	0.572067	Y
7	STD200 460-993368/9	200.0	110.918795	50.0	572119.0	0.554594	Y
8	STD500 460-993368/10	500.0	254.503323	50.0	611293.0	0.509007	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

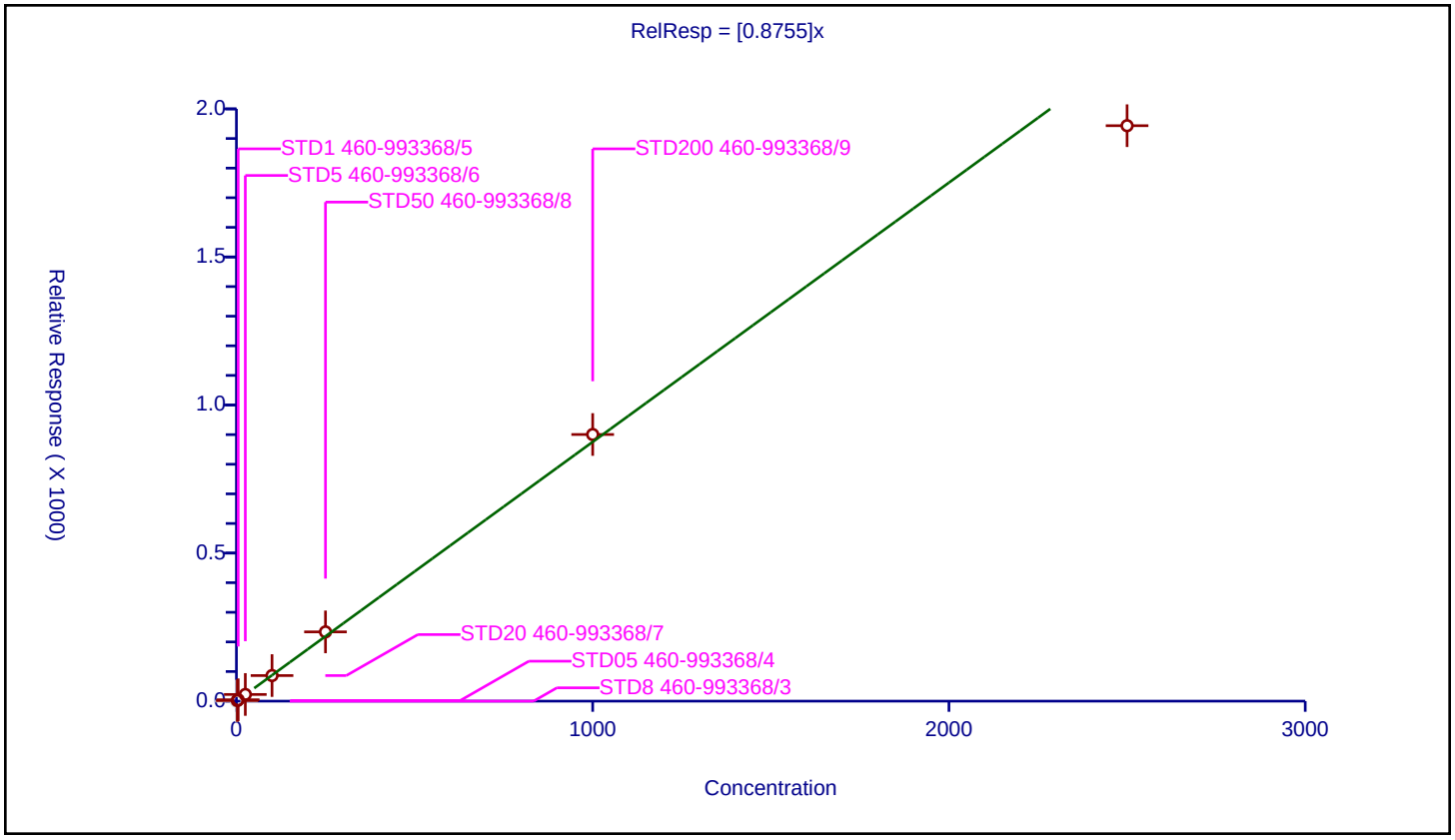
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.055595	250.0	395506.0	0.822238	Y
3	STD1 460-993368/5	5.0	4.634839	250.0	398180.0	0.926968	Y
4	STD5 460-993368/6	25.0	22.5446	250.0	406838.0	0.901784	Y
5	STD20 460-993368/7	100.0	86.396915	250.0	409216.0	0.863969	Y
6	STD50 460-993368/8	250.0	233.873088	250.0	425965.0	0.935492	Y
7	STD200 460-993368/9	1000.0	900.43075	250.0	444806.0	0.900431	Y
8	STD500 460-993368/10	2500.0	1943.216708	250.0	496691.0	0.777287	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

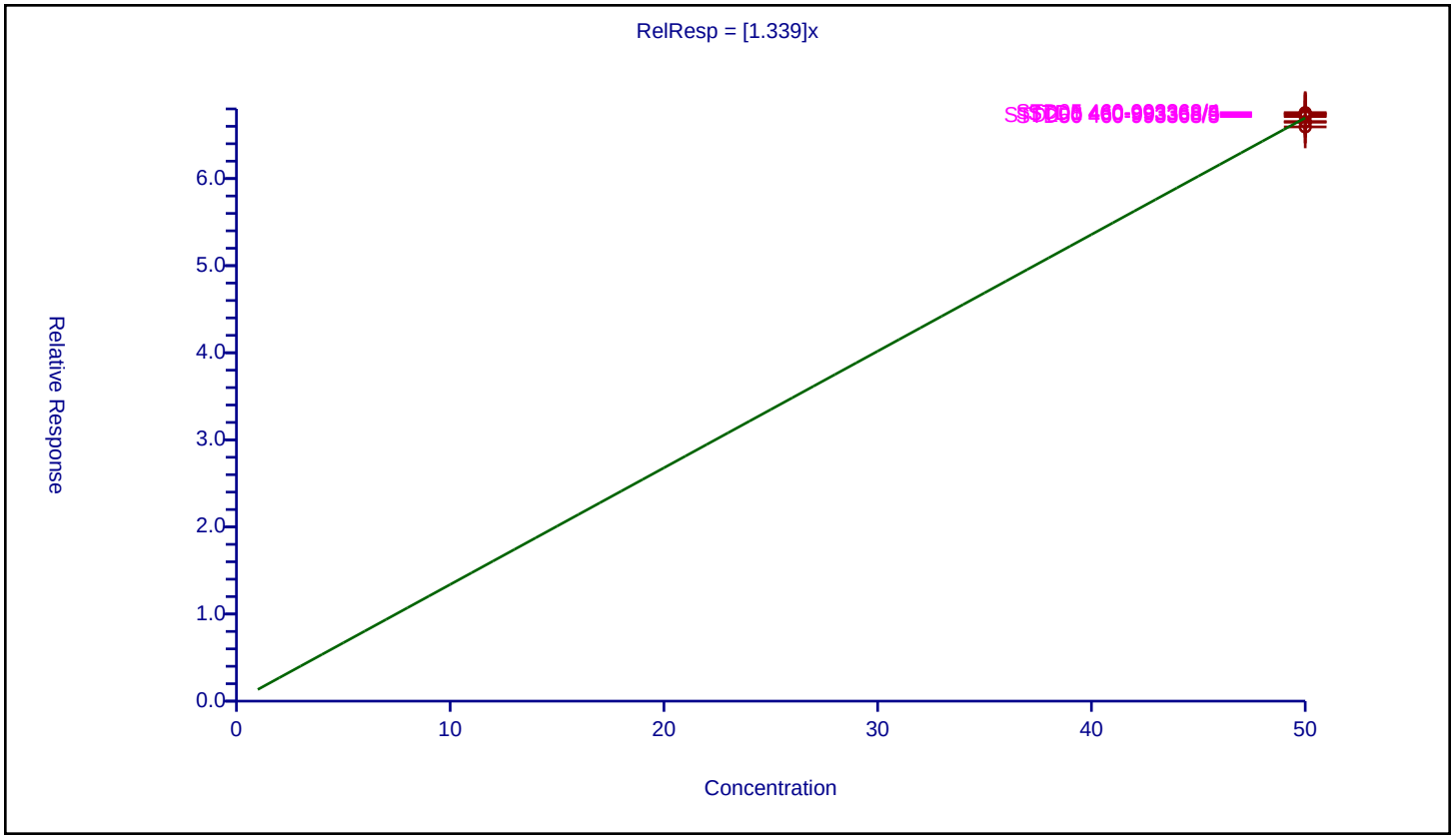
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	67.437362	50.0	565550.0	1.348747	Y
2	STD05 460-993368/4	50.0	67.570457	50.0	529898.0	1.351409	Y
3	STD1 460-993368/5	50.0	67.425615	50.0	522214.0	1.348512	Y
4	STD5 460-993368/6	50.0	65.934092	50.0	538603.0	1.318682	Y
5	STD20 460-993368/7	50.0	66.471959	50.0	533106.0	1.329439	Y
6	STD50 460-993368/8	50.0	67.12097	50.0	539727.0	1.342419	Y
7	STD200 460-993368/9	50.0	67.233565	50.0	572119.0	1.344671	Y
8	STD500 460-993368/10	50.0	66.546566	50.0	611293.0	1.330931	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

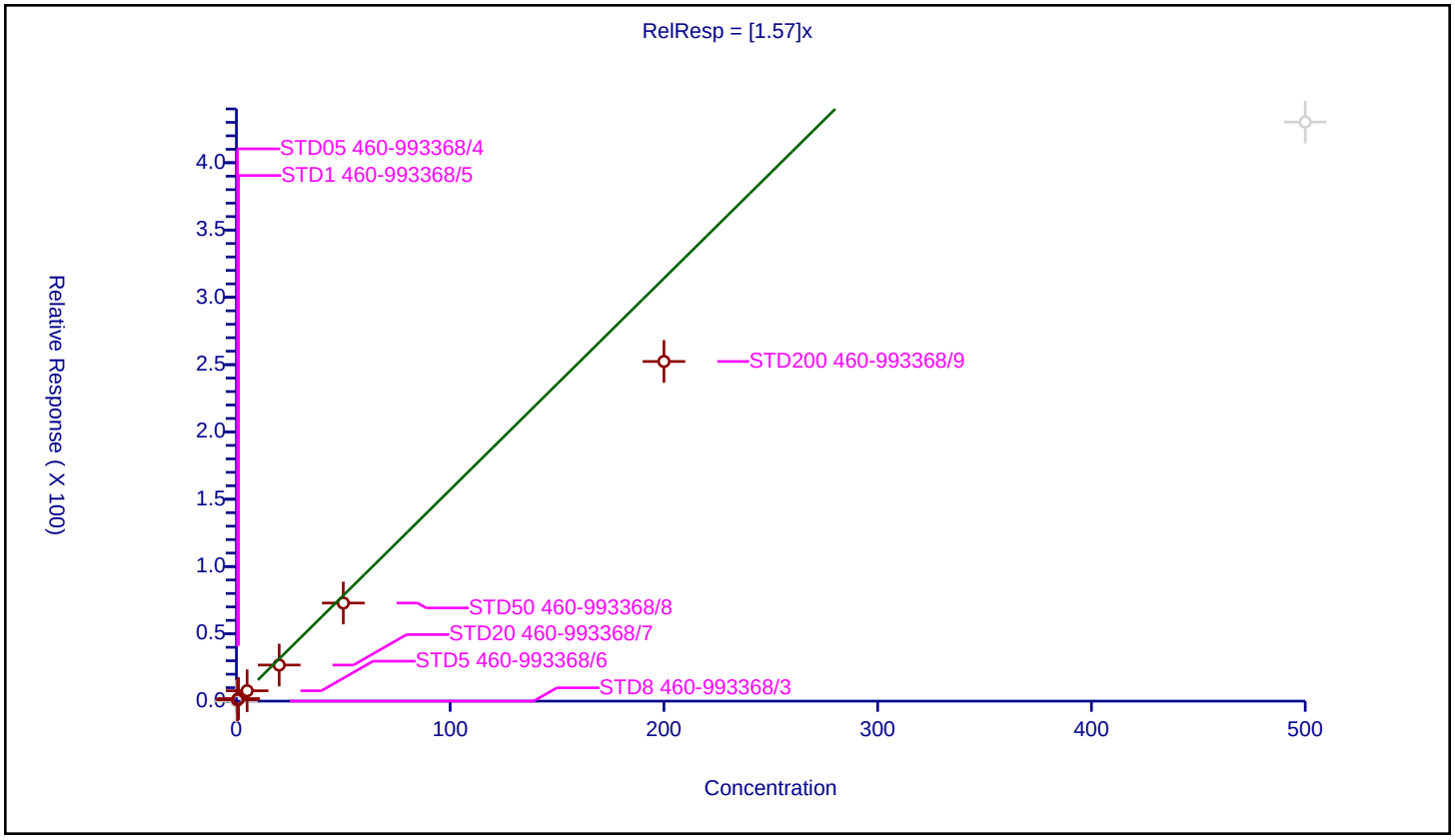
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.967733	50.0	529898.0	1.935467	Y
3	STD1 460-993368/5	1.0	1.885434	50.0	522214.0	1.885434	Y
4	STD5 460-993368/6	5.0	7.707532	50.0	538603.0	1.541506	Y
5	STD20 460-993368/7	20.0	26.816337	50.0	533106.0	1.340817	Y
6	STD50 460-993368/8	50.0	72.890461	50.0	539727.0	1.457809	Y
7	STD200 460-993368/9	200.0	252.352832	50.0	572119.0	1.261764	Y
8	STD500 460-993368/10	500.0	430.222168	50.0	611293.0	0.860444	N



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

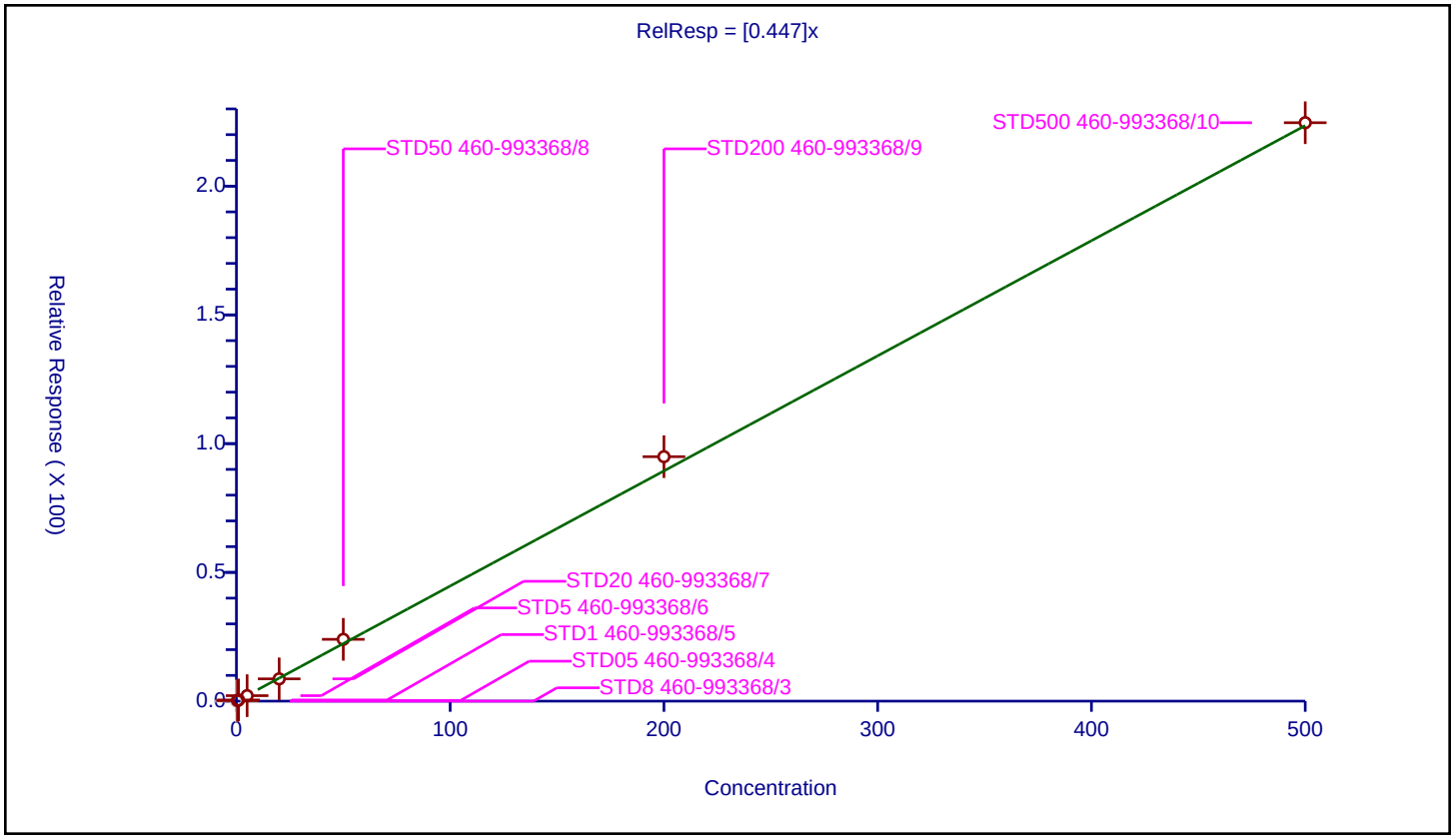
Curve Coefficients

Intercept:	0
Slope:	0.447

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.210795	50.0	529898.0	0.421591	Y
3	STD1 460-993368/5	1.0	0.445603	50.0	522214.0	0.445603	Y
4	STD5 460-993368/6	5.0	2.128005	50.0	538603.0	0.425601	Y
5	STD20 460-993368/7	20.0	8.649312	50.0	533106.0	0.432466	Y
6	STD50 460-993368/8	50.0	24.003802	50.0	539727.0	0.480076	Y
7	STD200 460-993368/9	200.0	94.933222	50.0	572119.0	0.474666	Y
8	STD500 460-993368/10	500.0	224.636385	50.0	611293.0	0.449273	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

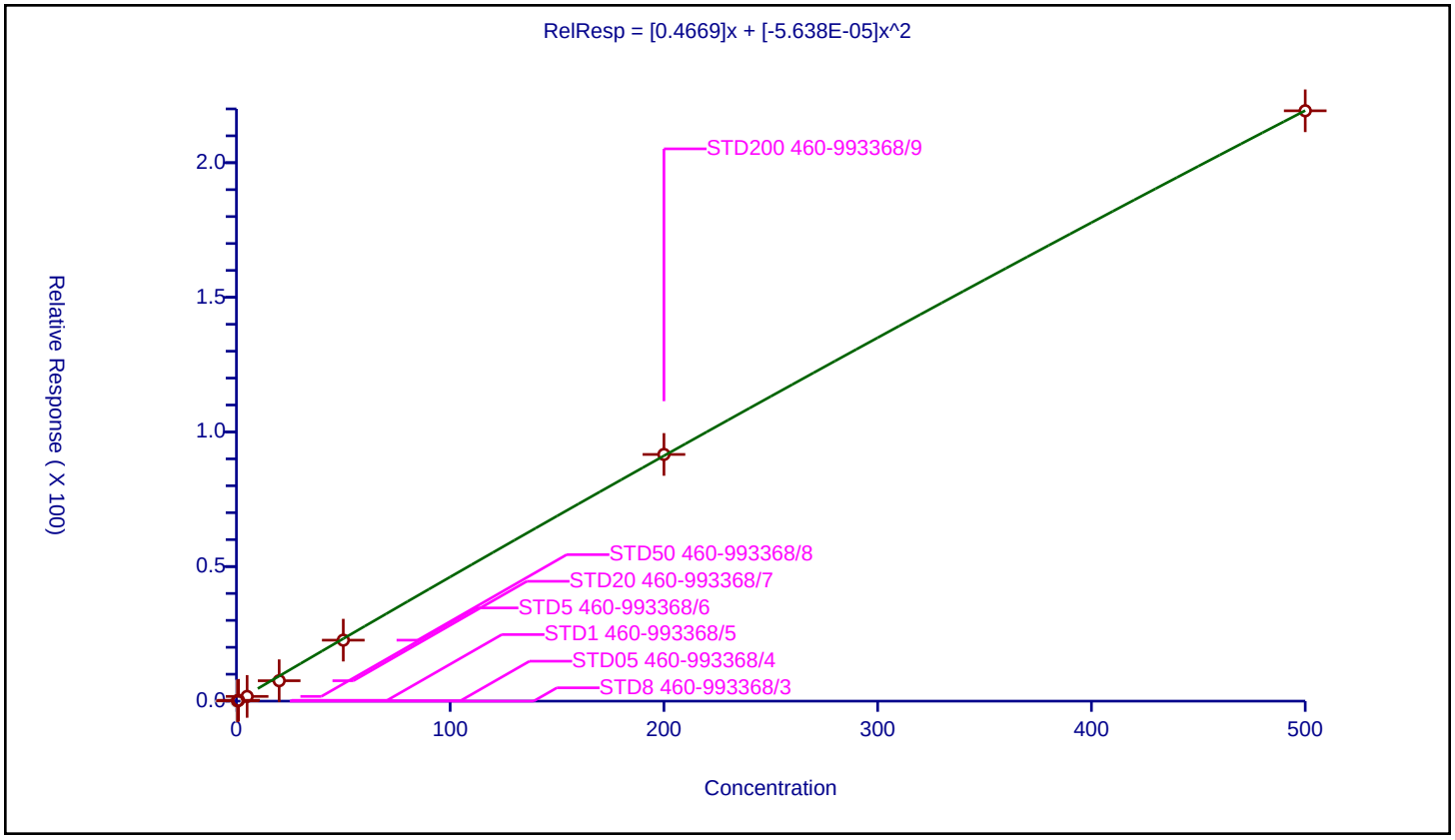
Curve Coefficients

Intercept:	0
Slope:	0.4669
Second Order:	-5.638E-05

Error Coefficients

Relative Standard Deviation:	29.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.120117	50.0	529898.0	0.240235	Y
3	STD1 460-993368/5	1.0	0.310505	50.0	522214.0	0.310505	Y
4	STD5 460-993368/6	5.0	1.752682	50.0	538603.0	0.350536	Y
5	STD20 460-993368/7	20.0	7.584514	50.0	533106.0	0.379226	Y
6	STD50 460-993368/8	50.0	22.650062	50.0	539727.0	0.453001	Y
7	STD200 460-993368/9	200.0	91.643609	50.0	572119.0	0.458218	Y
8	STD500 460-993368/10	500.0	219.301219	50.0	611293.0	0.438602	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

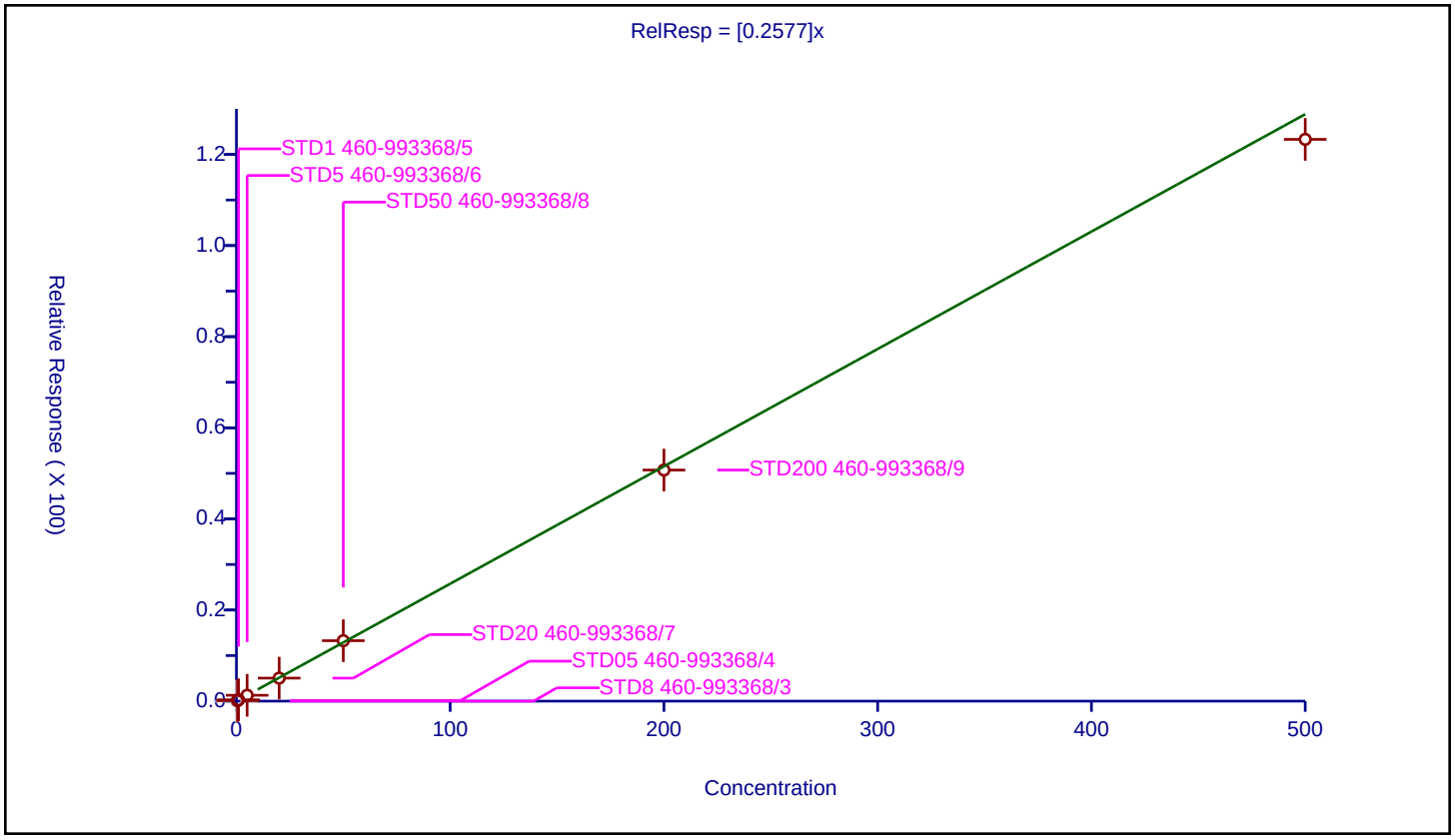
Curve Coefficients

Intercept:	0
Slope:	0.2577

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.117947	50.0	529898.0	0.235894	Y
3	STD1 460-993368/5	1.0	0.291164	50.0	522214.0	0.291164	Y
4	STD5 460-993368/6	5.0	1.291396	50.0	538603.0	0.258279	Y
5	STD20 460-993368/7	20.0	5.053592	50.0	533106.0	0.25268	Y
6	STD50 460-993368/8	50.0	13.268004	50.0	539727.0	0.26536	Y
7	STD200 460-993368/9	200.0	50.726684	50.0	572119.0	0.253633	Y
8	STD500 460-993368/10	500.0	123.312552	50.0	611293.0	0.246625	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

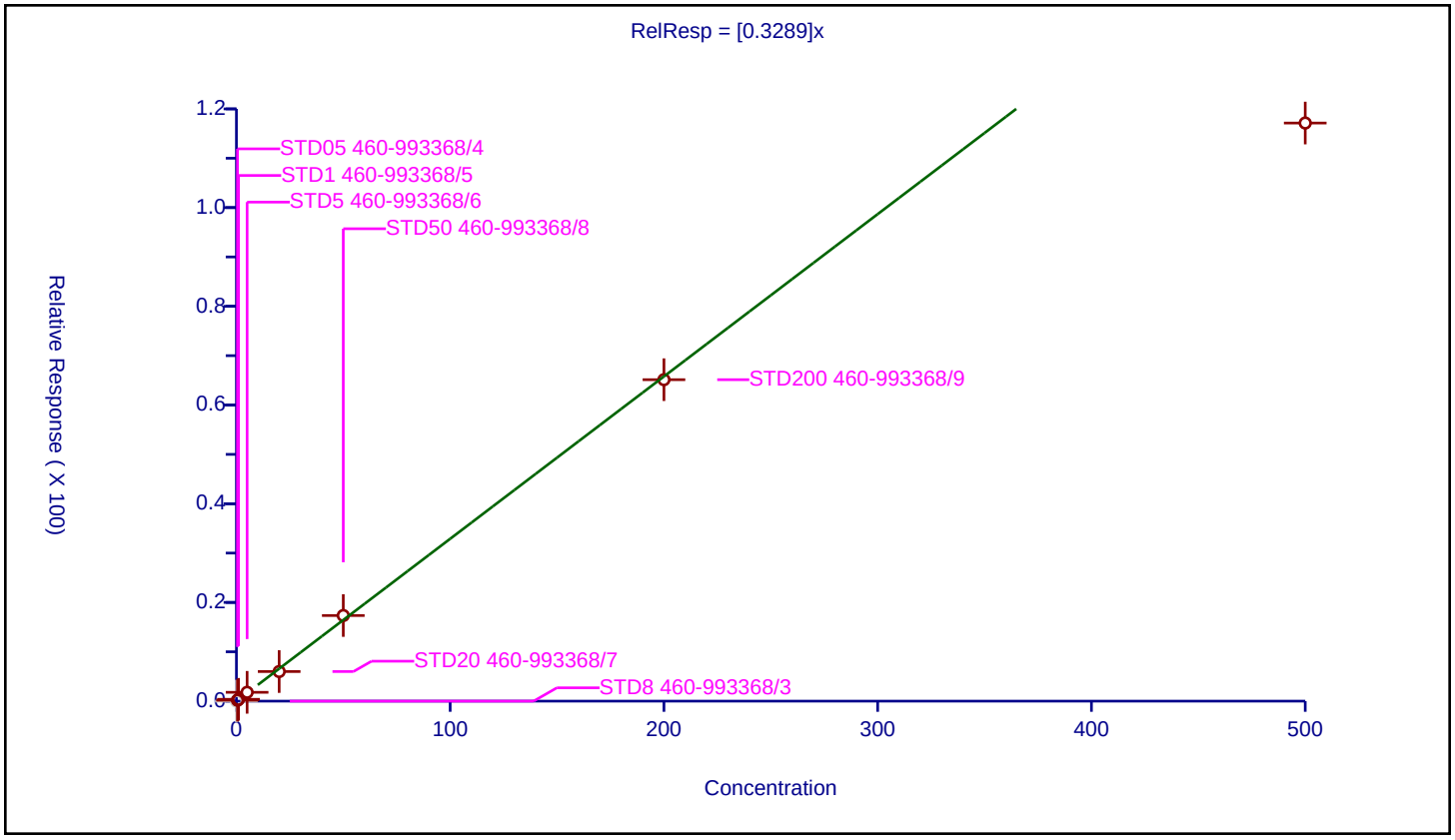
Curve Coefficients

Intercept:	0
Slope:	0.3289

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.184092	50.0	529898.0	0.368184	Y
3	STD1 460-993368/5	1.0	0.370059	50.0	522214.0	0.370059	Y
4	STD5 460-993368/6	5.0	1.787495	50.0	538603.0	0.357499	Y
5	STD20 460-993368/7	20.0	5.997119	50.0	533106.0	0.299856	Y
6	STD50 460-993368/8	50.0	17.346918	50.0	539727.0	0.346938	Y
7	STD200 460-993368/9	200.0	65.132079	50.0	572119.0	0.32566	Y
8	STD500 460-993368/10	500.0	117.131801	50.0	611293.0	0.234264	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

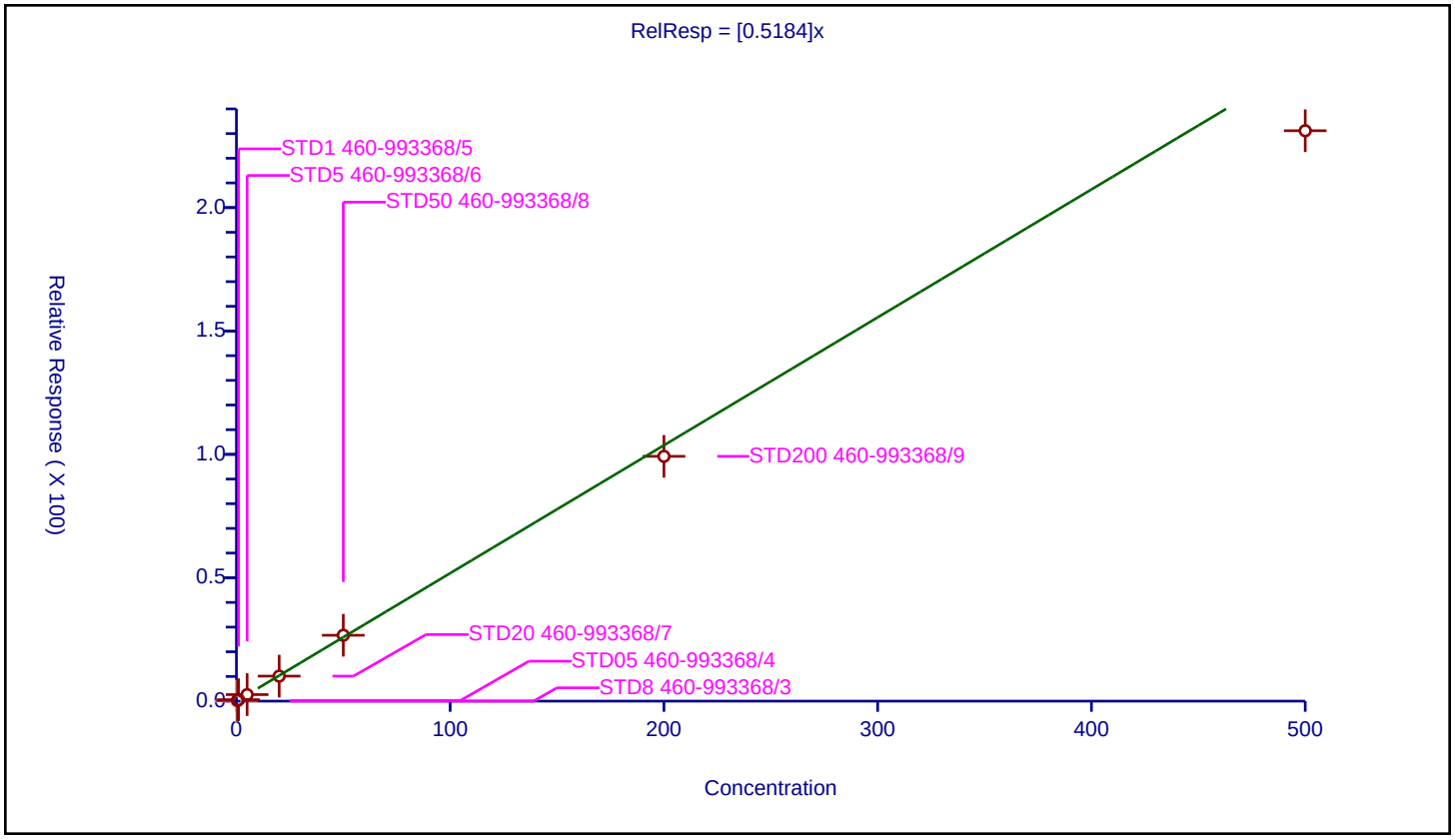
Curve Coefficients

Intercept:	0
Slope:	0.5184

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.257219	50.0	529898.0	0.514439	Y
3	STD1 460-993368/5	1.0	0.585488	50.0	522214.0	0.585488	Y
4	STD5 460-993368/6	5.0	2.648611	50.0	538603.0	0.529722	Y
5	STD20 460-993368/7	20.0	10.138228	50.0	533106.0	0.506911	Y
6	STD50 460-993368/8	50.0	26.692198	50.0	539727.0	0.533844	Y
7	STD200 460-993368/9	200.0	99.20742	50.0	572119.0	0.496037	Y
8	STD500 460-993368/10	500.0	231.154373	50.0	611293.0	0.462309	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

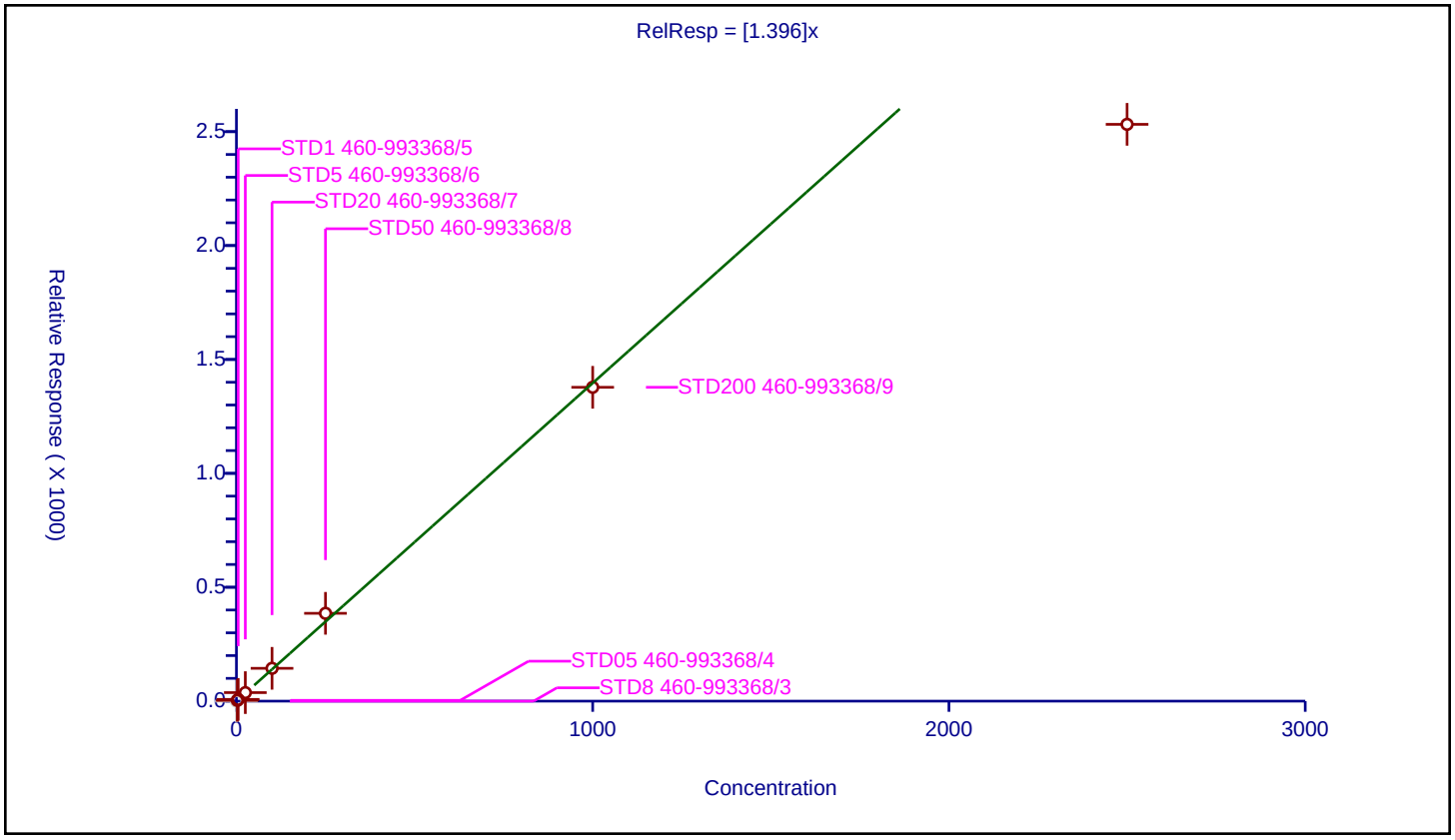
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	3.417774	250.0	395506.0	1.367109	Y
3	STD1 460-993368/5	5.0	7.668642	250.0	398180.0	1.533728	Y
4	STD5 460-993368/6	25.0	37.475605	250.0	406838.0	1.499024	Y
5	STD20 460-993368/7	100.0	144.112767	250.0	409216.0	1.441128	Y
6	STD50 460-993368/8	250.0	385.613255	250.0	425965.0	1.542453	Y
7	STD200 460-993368/9	1000.0	1377.829885	250.0	444806.0	1.37783	Y
8	STD500 460-993368/10	2500.0	2532.1699	250.0	496691.0	1.012868	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

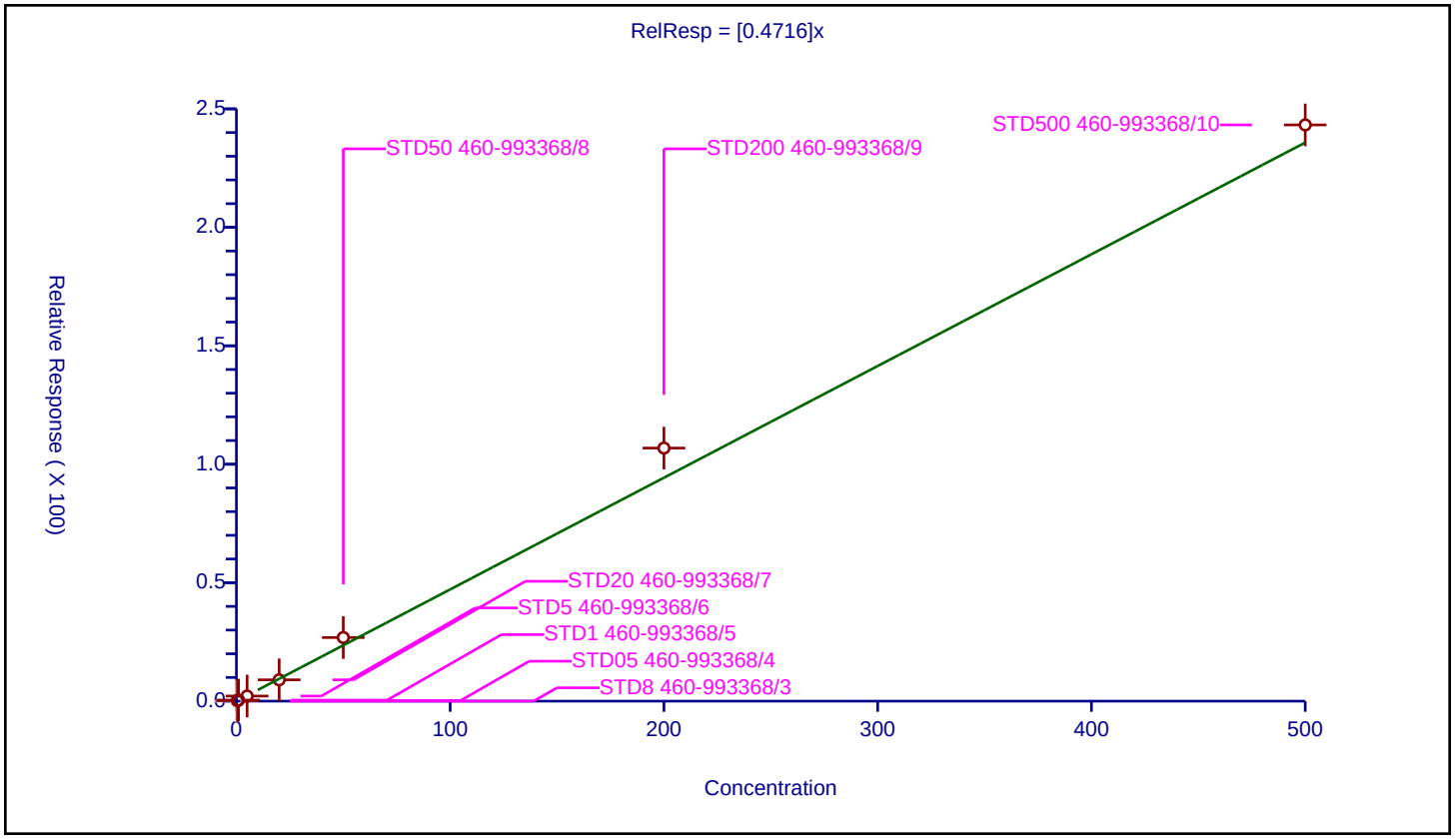
Curve Coefficients

Intercept:	0
Slope:	0.4716

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.215985	50.0	529898.0	0.43197	Y
3	STD1 460-993368/5	1.0	0.43172	50.0	522214.0	0.43172	Y
4	STD5 460-993368/6	5.0	2.147593	50.0	538603.0	0.429519	Y
5	STD20 460-993368/7	20.0	9.000274	50.0	533106.0	0.450014	Y
6	STD50 460-993368/8	50.0	26.854224	50.0	539727.0	0.537084	Y
7	STD200 460-993368/9	200.0	106.817987	50.0	572119.0	0.53409	Y
8	STD500 460-993368/10	500.0	243.228534	50.0	611293.0	0.486457	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

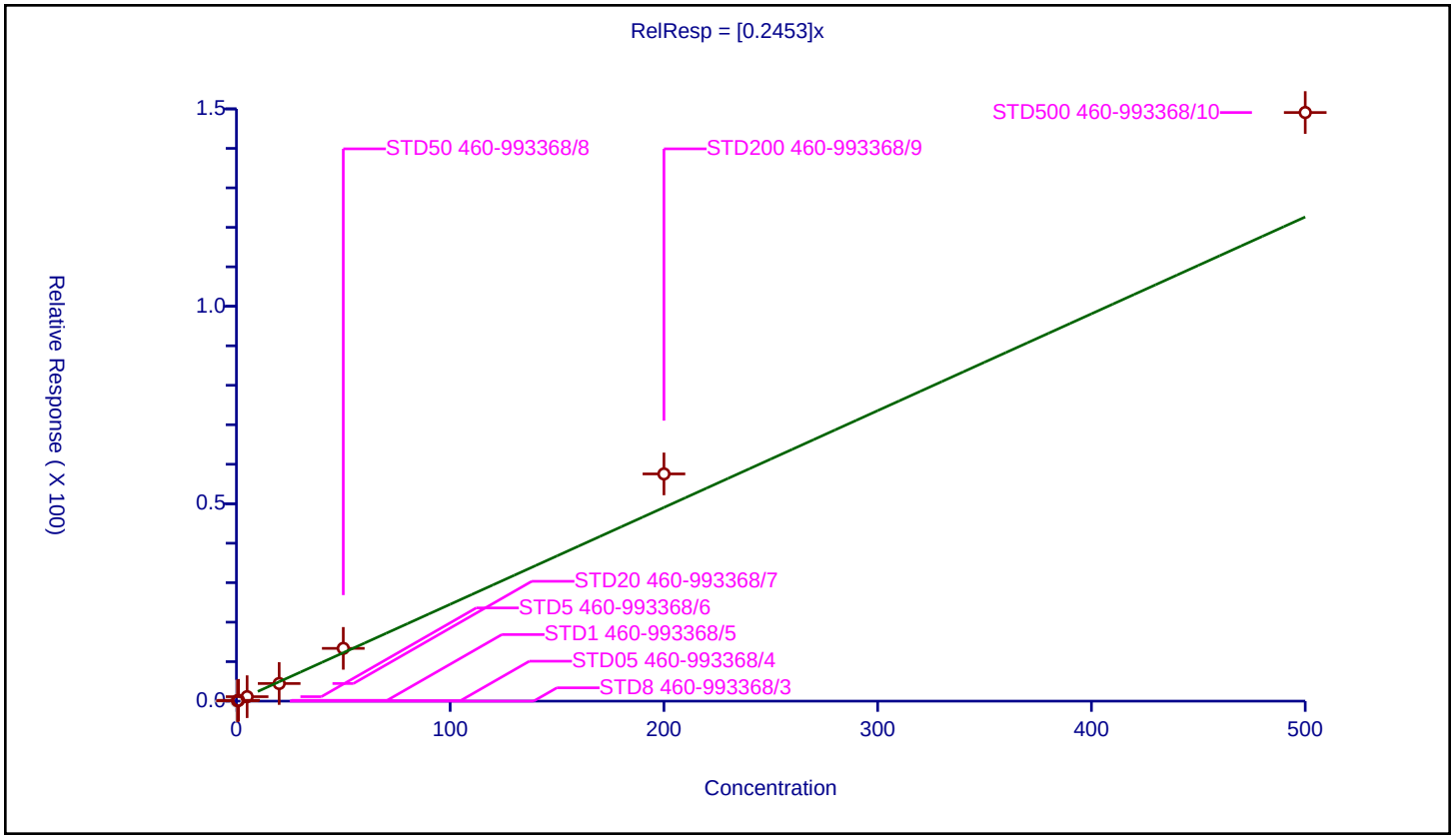
Curve Coefficients

Intercept:	0
Slope:	0.2453

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.102944	50.0	529898.0	0.205889	Y
3	STD1 460-993368/5	1.0	0.208822	50.0	522214.0	0.208822	Y
4	STD5 460-993368/6	5.0	1.128939	50.0	538603.0	0.225788	Y
5	STD20 460-993368/7	20.0	4.459995	50.0	533106.0	0.223	Y
6	STD50 460-993368/8	50.0	13.368888	50.0	539727.0	0.267378	Y
7	STD200 460-993368/9	200.0	57.549828	50.0	572119.0	0.287749	Y
8	STD500 460-993368/10	500.0	149.081128	50.0	611293.0	0.298162	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

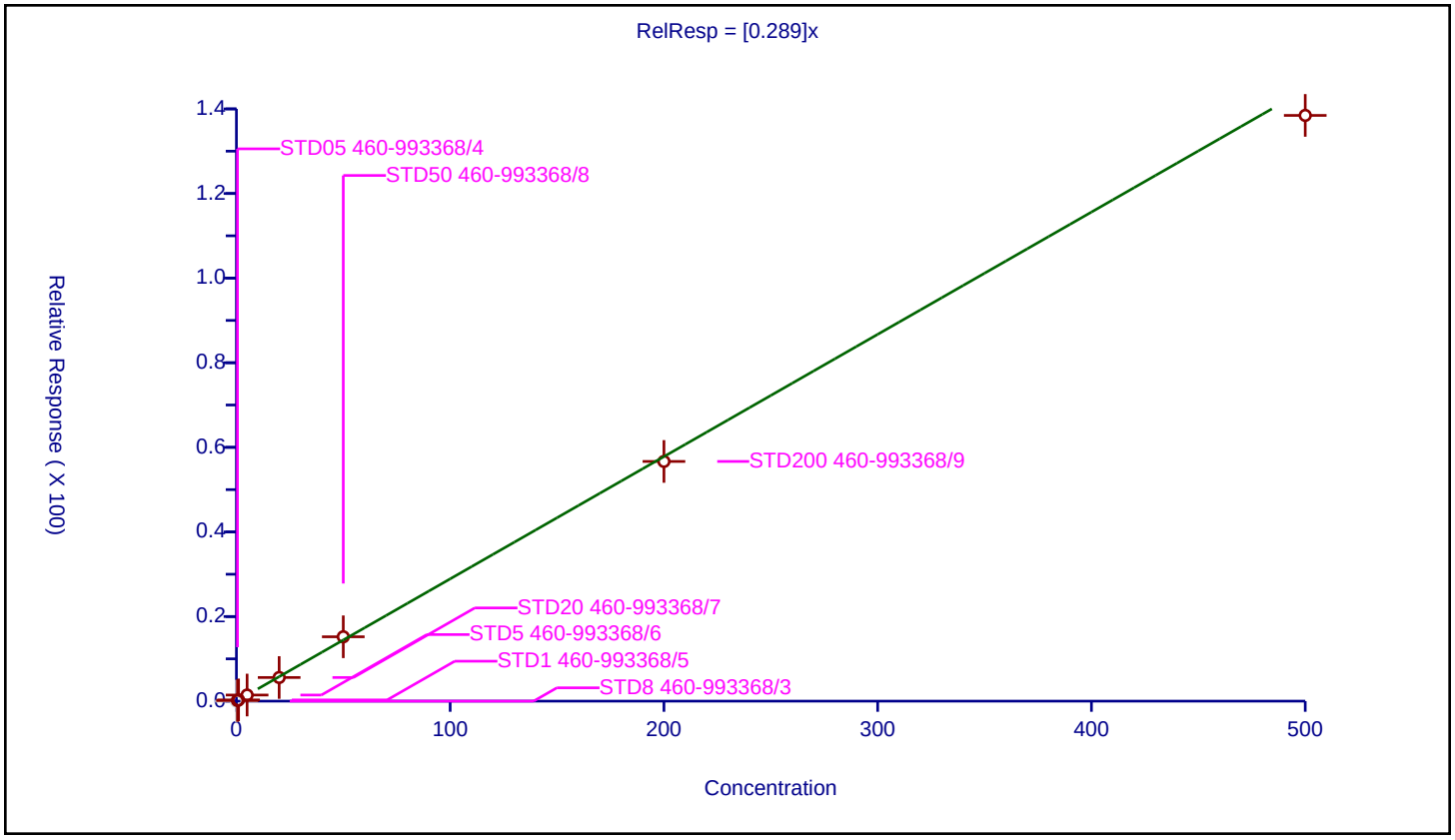
Curve Coefficients

Intercept:	0
Slope:	0.289

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.152954	50.0	529898.0	0.305908	Y
3	STD1 460-993368/5	1.0	0.284845	50.0	522214.0	0.284845	Y
4	STD5 460-993368/6	5.0	1.442343	50.0	538603.0	0.288469	Y
5	STD20 460-993368/7	20.0	5.588382	50.0	533106.0	0.279419	Y
6	STD50 460-993368/8	50.0	15.213803	50.0	539727.0	0.304276	Y
7	STD200 460-993368/9	200.0	56.659803	50.0	572119.0	0.283299	Y
8	STD500 460-993368/10	500.0	138.454718	50.0	611293.0	0.276909	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

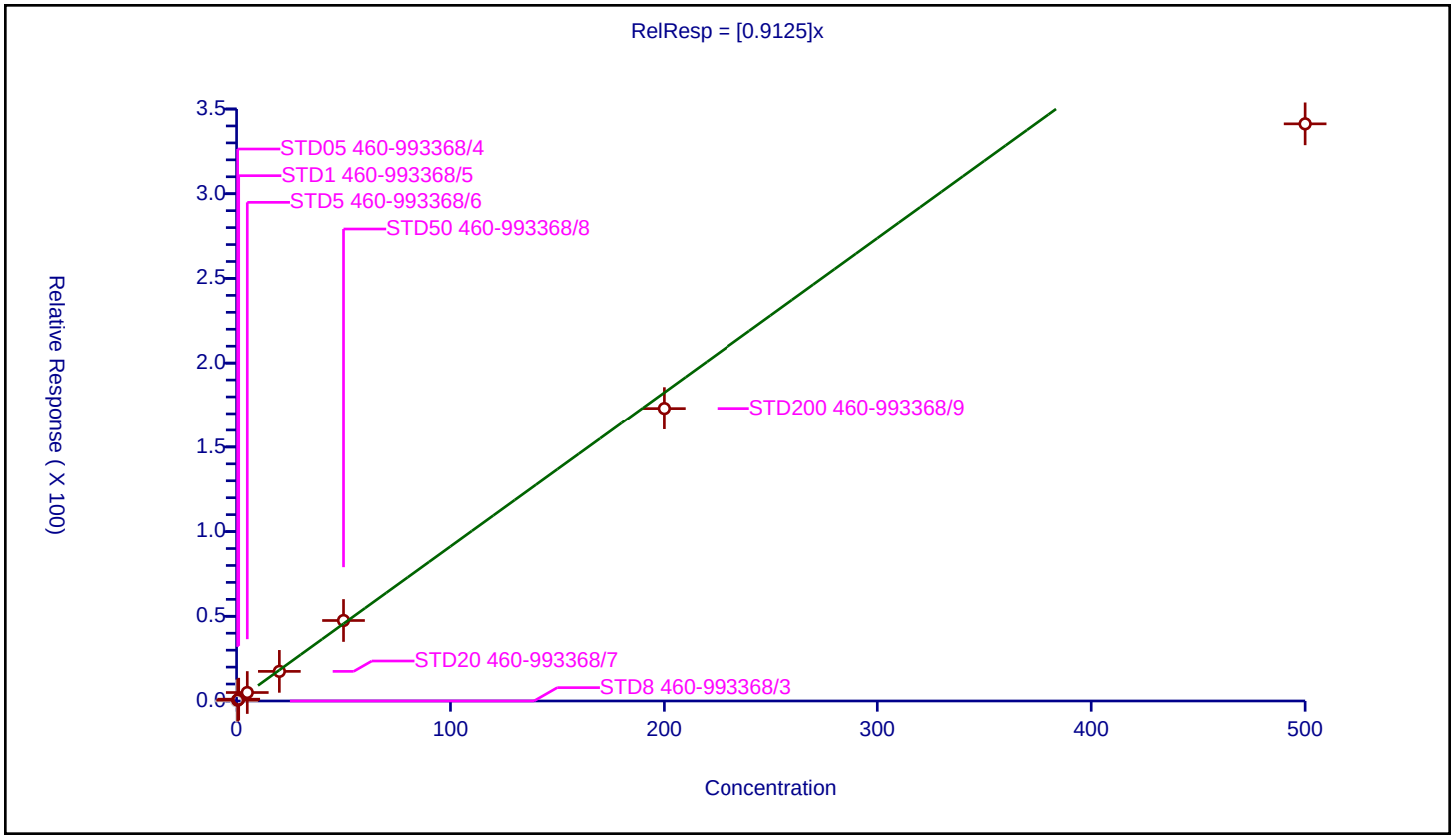
Curve Coefficients

Intercept:	0
Slope:	0.9125

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.476884	50.0	529898.0	0.953768	Y
3	STD1 460-993368/5	1.0	1.060485	50.0	522214.0	1.060485	Y
4	STD5 460-993368/6	5.0	5.004707	50.0	538603.0	1.000941	Y
5	STD20 460-993368/7	20.0	17.478513	50.0	533106.0	0.873926	Y
6	STD50 460-993368/8	50.0	47.512909	50.0	539727.0	0.950258	Y
7	STD200 460-993368/9	200.0	173.144486	50.0	572119.0	0.865722	Y
8	STD500 460-993368/10	500.0	341.24168	50.0	611293.0	0.682483	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

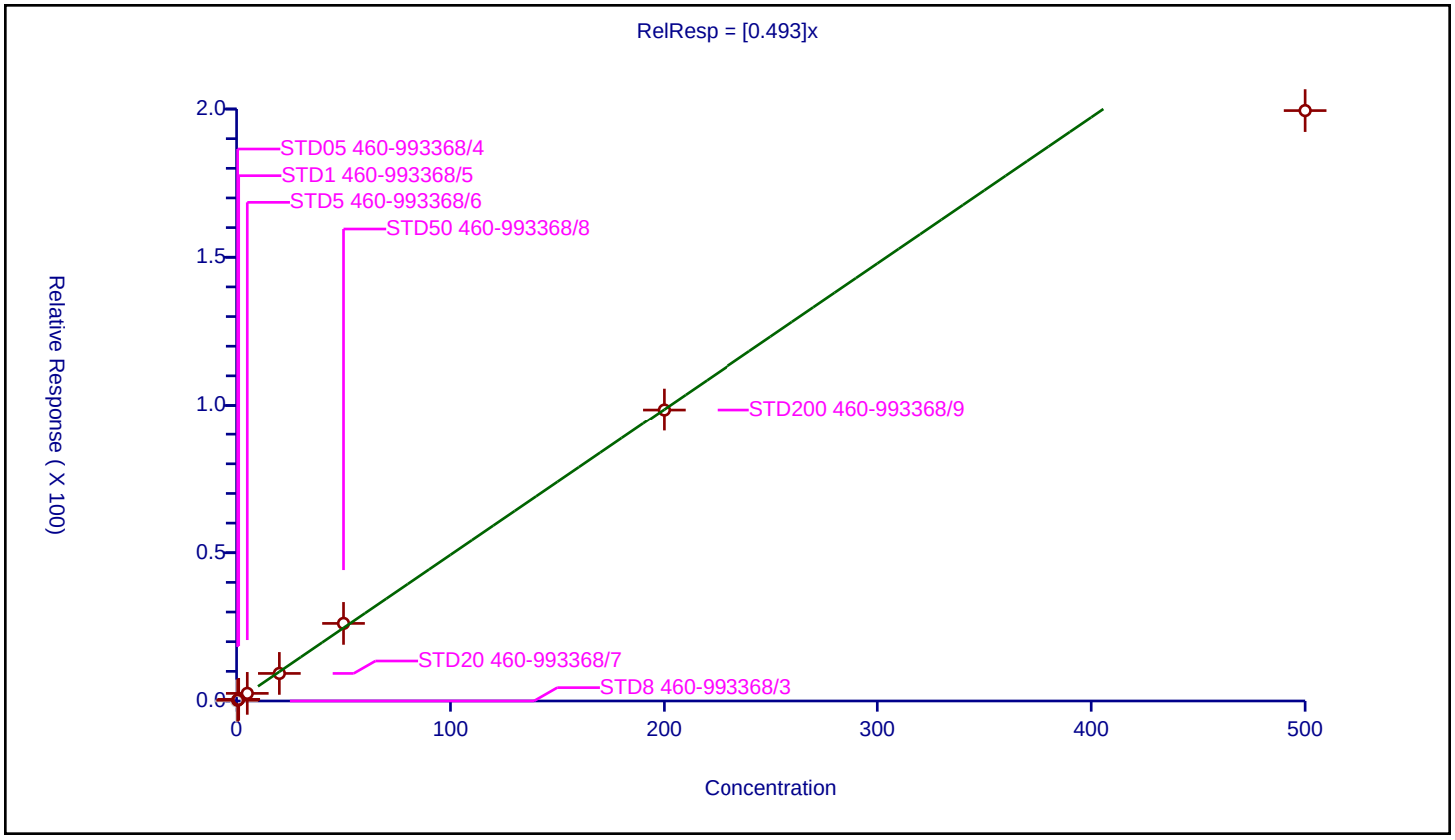
Curve Coefficients

Intercept:	0
Slope:	0.493

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.251275	50.0	529898.0	0.50255	Y
3	STD1 460-993368/5	1.0	0.555232	50.0	522214.0	0.555232	Y
4	STD5 460-993368/6	5.0	2.56794	50.0	538603.0	0.513588	Y
5	STD20 460-993368/7	20.0	9.299089	50.0	533106.0	0.464954	Y
6	STD50 460-993368/8	50.0	26.167674	50.0	539727.0	0.523353	Y
7	STD200 460-993368/9	200.0	98.459848	50.0	572119.0	0.492299	Y
8	STD500 460-993368/10	500.0	199.472103	50.0	611293.0	0.398944	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

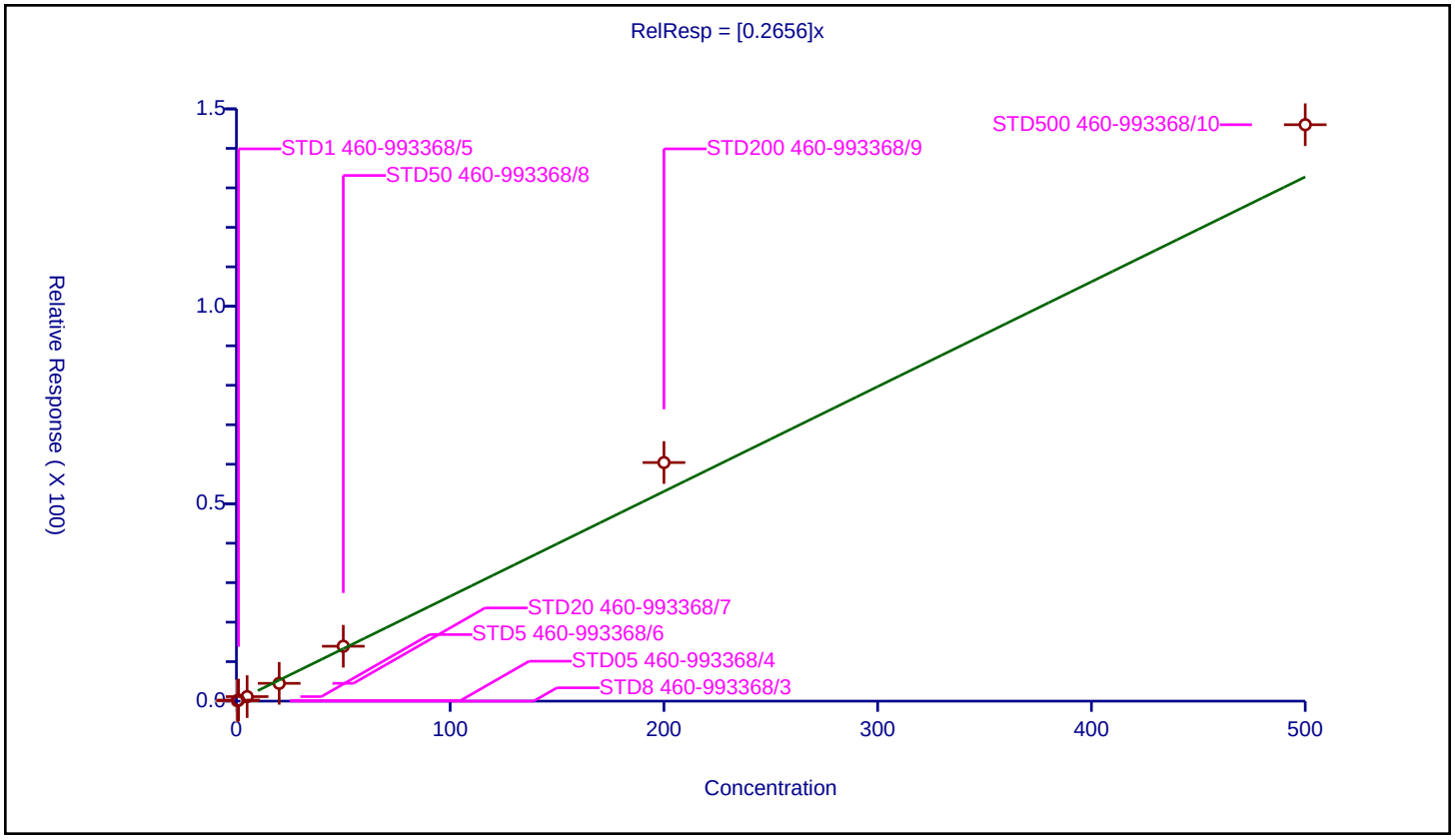
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.131818	50.0	529898.0	0.263636	Y
3	STD1 460-993368/5	1.0	0.269526	50.0	522214.0	0.269526	Y
4	STD5 460-993368/6	5.0	1.140636	50.0	538603.0	0.228127	Y
5	STD20 460-993368/7	20.0	4.507077	50.0	533106.0	0.225354	Y
6	STD50 460-993368/8	50.0	13.905641	50.0	539727.0	0.278113	Y
7	STD200 460-993368/9	200.0	60.429998	50.0	572119.0	0.30215	Y
8	STD500 460-993368/10	500.0	145.990303	50.0	611293.0	0.291981	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

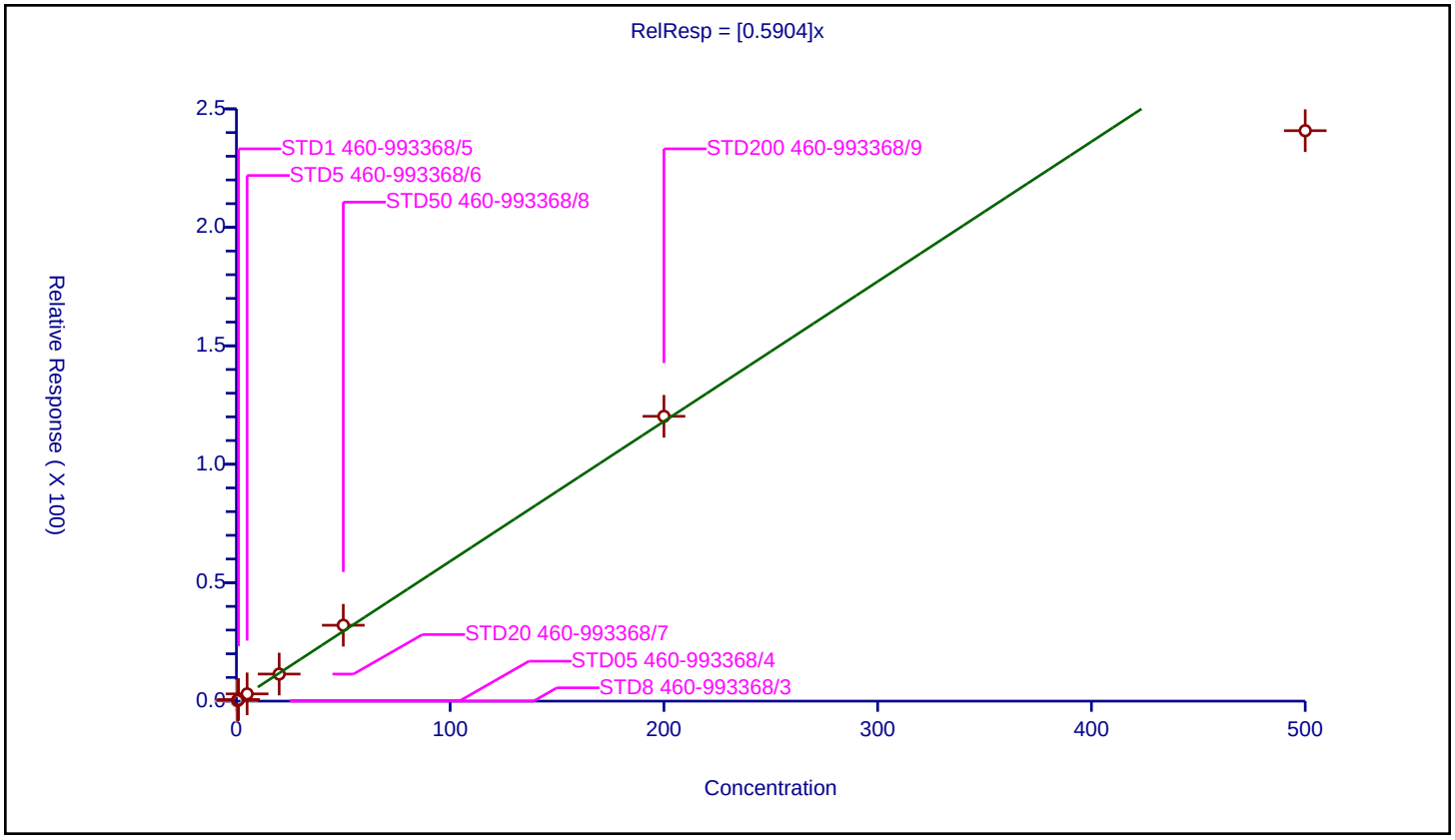
Curve Coefficients

Intercept:	0
Slope:	0.5904

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.272505	50.0	529898.0	0.545011	Y
3	STD1 460-993368/5	1.0	0.680372	50.0	522214.0	0.680372	Y
4	STD5 460-993368/6	5.0	3.065338	50.0	538603.0	0.613068	Y
5	STD20 460-993368/7	20.0	11.424276	50.0	533106.0	0.571214	Y
6	STD50 460-993368/8	50.0	32.033046	50.0	539727.0	0.640661	Y
7	STD200 460-993368/9	200.0	120.230232	50.0	572119.0	0.601151	Y
8	STD500 460-993368/10	500.0	240.806373	50.0	611293.0	0.481613	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

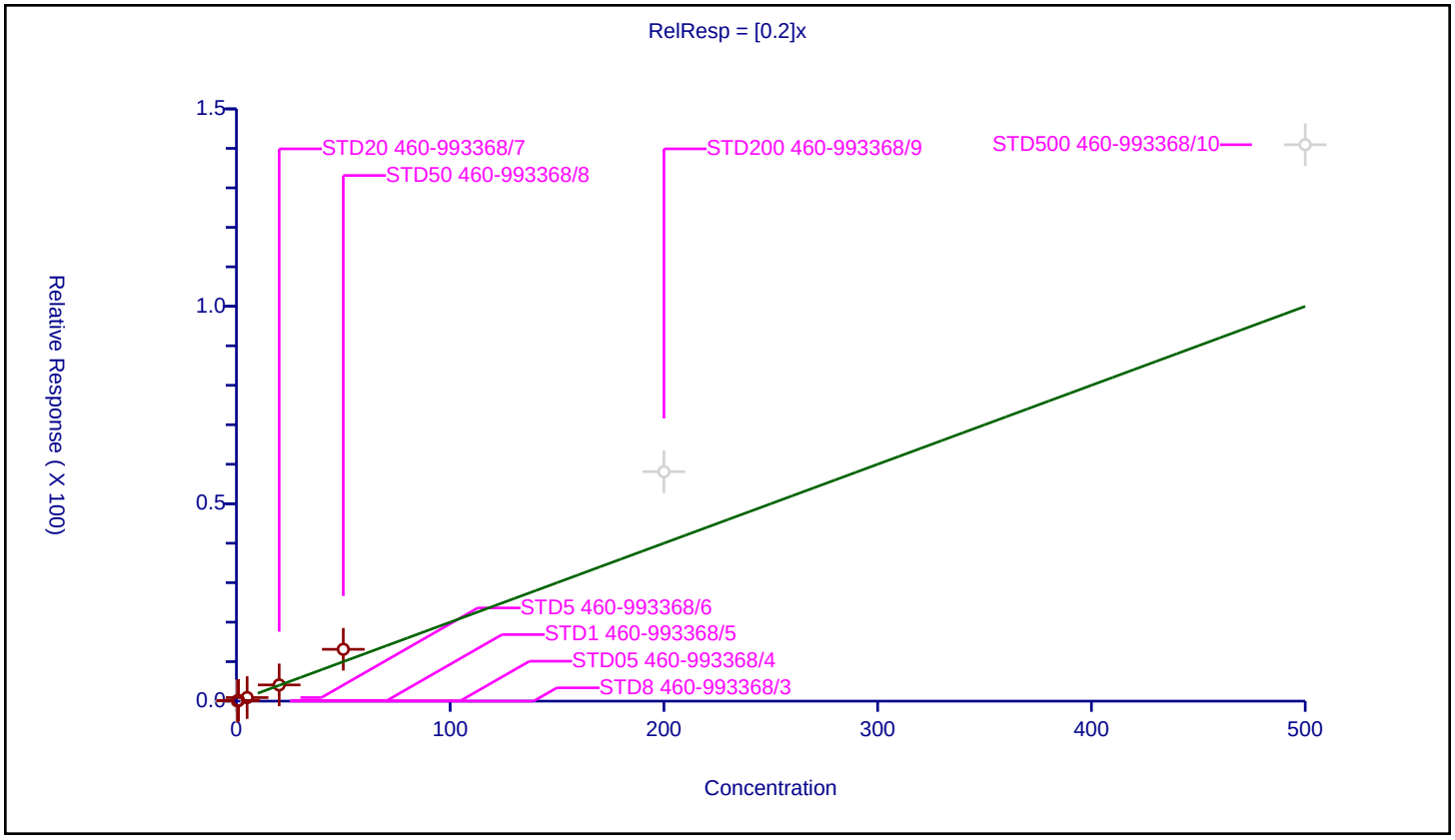
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.084261	50.0	529898.0	0.168523	Y
3	STD1 460-993368/5	1.0	0.183737	50.0	522214.0	0.183737	Y
4	STD5 460-993368/6	5.0	0.899271	50.0	538603.0	0.179854	Y
5	STD20 460-993368/7	20.0	4.104531	50.0	533106.0	0.205227	Y
6	STD50 460-993368/8	50.0	13.131731	50.0	539727.0	0.262635	Y
7	STD200 460-993368/9	200.0	58.112036	50.0	572119.0	0.29056	N
8	STD500 460-993368/10	500.0	140.927673	50.0	611293.0	0.281855	N



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

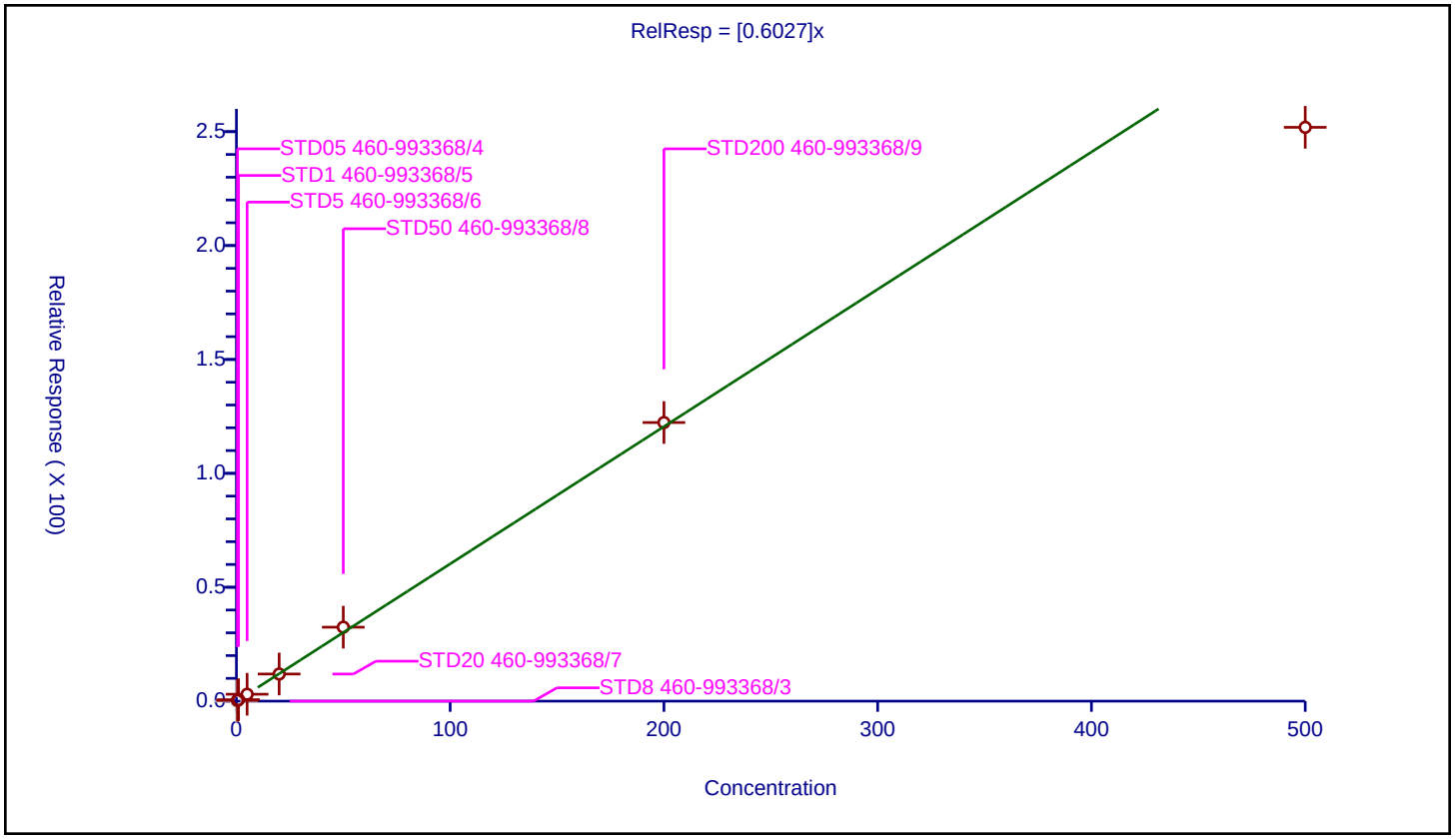
Curve Coefficients

Intercept:	0
Slope:	0.6027

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.30553	50.0	529898.0	0.611061	Y
3	STD1 460-993368/5	1.0	0.640255	50.0	522214.0	0.640255	Y
4	STD5 460-993368/6	5.0	3.036281	50.0	538603.0	0.607256	Y
5	STD20 460-993368/7	20.0	11.91114	50.0	533106.0	0.595557	Y
6	STD50 460-993368/8	50.0	32.463912	50.0	539727.0	0.649278	Y
7	STD200 460-993368/9	200.0	122.304713	50.0	572119.0	0.611524	Y
8	STD500 460-993368/10	500.0	251.903833	50.0	611293.0	0.503808	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

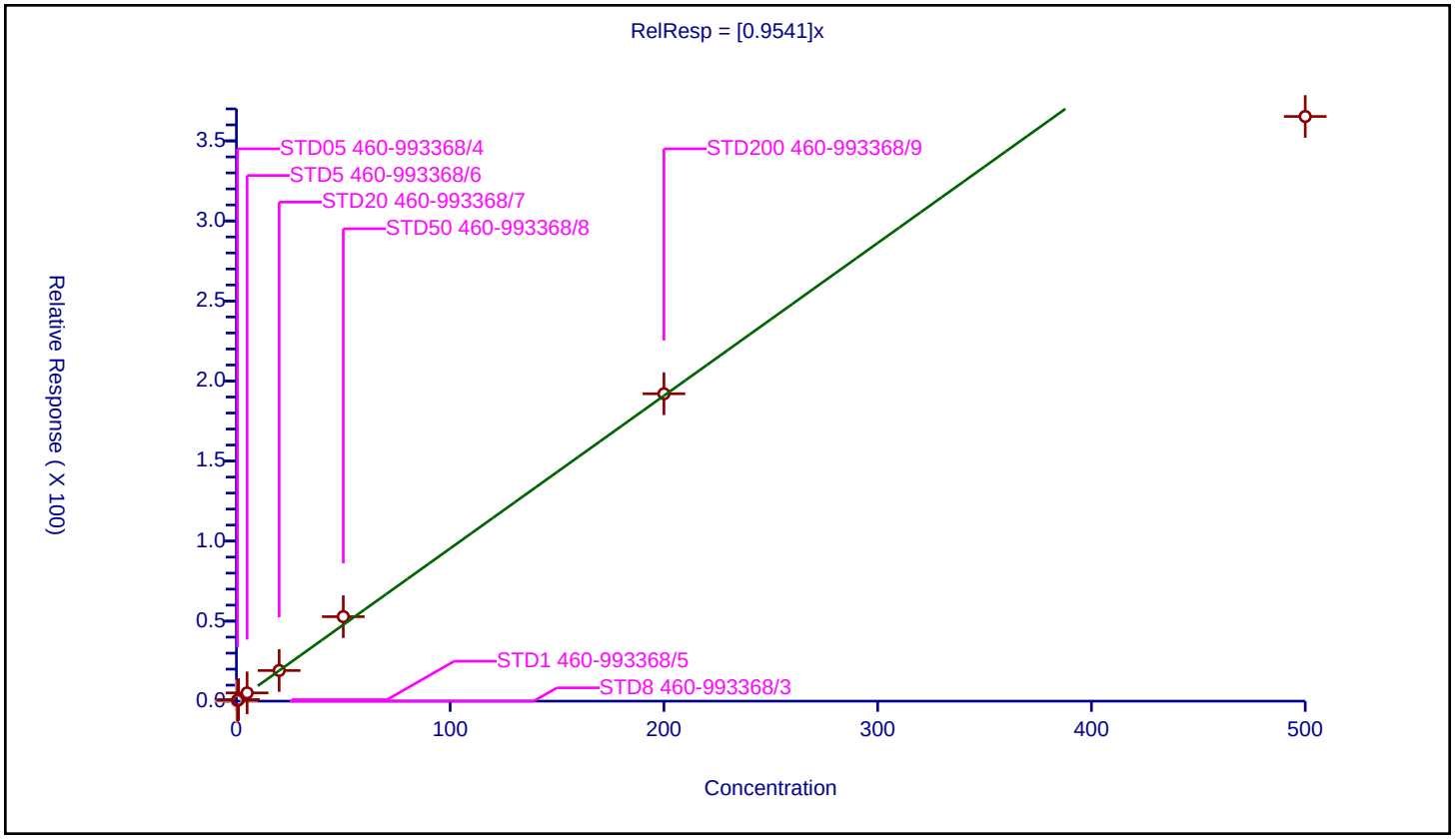
Curve Coefficients

Intercept:	0
Slope:	0.9541

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.49368	50.0	529898.0	0.98736	Y
3	STD1 460-993368/5	1.0	0.953728	50.0	522214.0	0.953728	Y
4	STD5 460-993368/6	5.0	5.172177	50.0	538603.0	1.034435	Y
5	STD20 460-993368/7	20.0	19.14094	50.0	533106.0	0.957047	Y
6	STD50 460-993368/8	50.0	52.773069	50.0	539727.0	1.055461	Y
7	STD200 460-993368/9	200.0	192.047721	50.0	572119.0	0.960239	Y
8	STD500 460-993368/10	500.0	365.257577	50.0	611293.0	0.730515	Y



Calibration / Bromoform

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

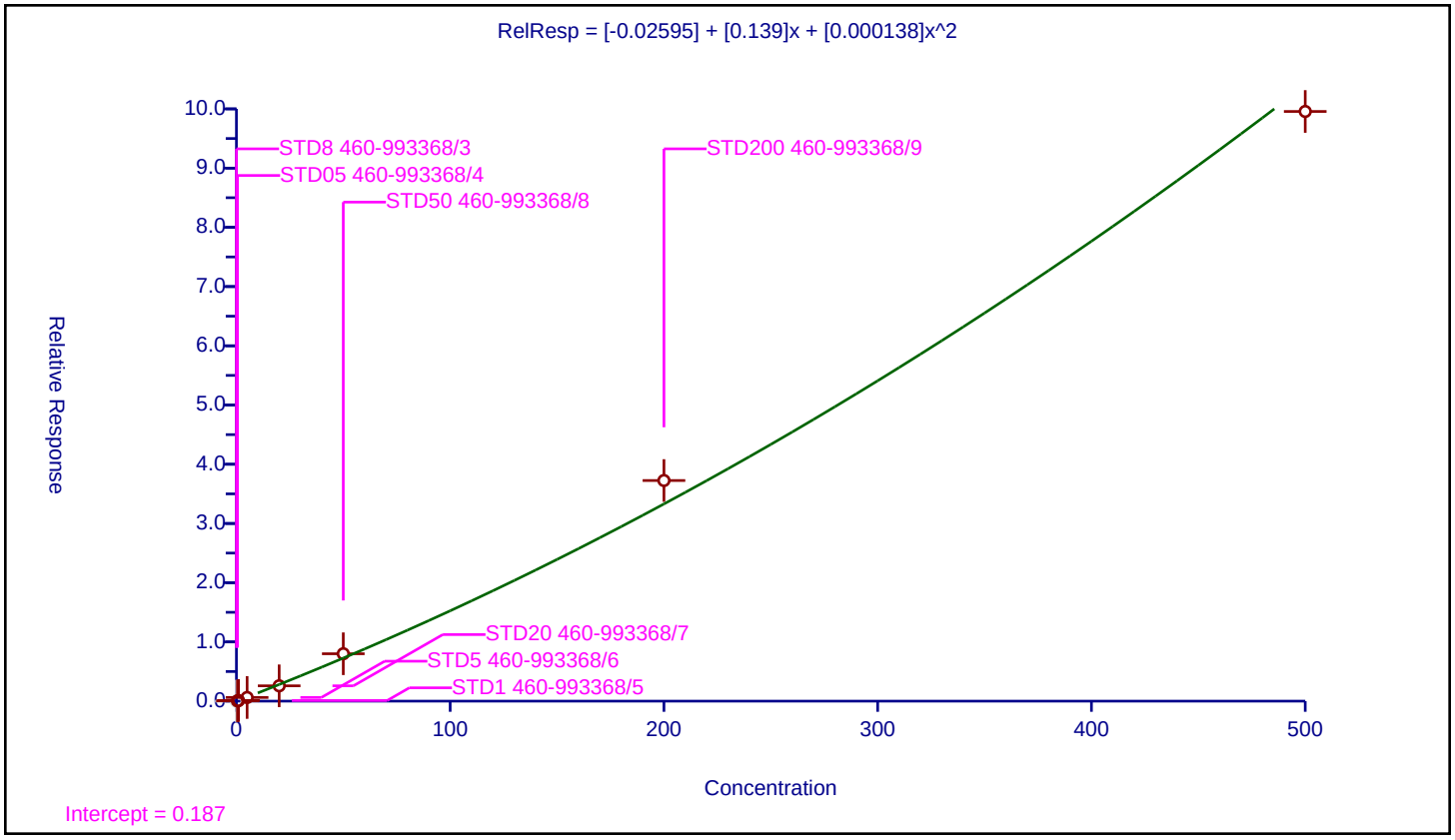
Curve Coefficients

Intercept:	-0.02595
Slope:	0.139
Second Order:	0.000138

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.046613	50.0	529898.0	0.093225	Y
3	STD1 460-993368/5	1.0	0.103406	50.0	522214.0	0.103406	Y
4	STD5 460-993368/6	5.0	0.617709	50.0	538603.0	0.123542	Y
5	STD20 460-993368/7	20.0	2.588791	50.0	533106.0	0.12944	Y
6	STD50 460-993368/8	50.0	8.002657	50.0	539727.0	0.160053	Y
7	STD200 460-993368/9	200.0	37.251254	50.0	572119.0	0.186256	Y
8	STD500 460-993368/10	500.0	99.565184	50.0	611293.0	0.19913	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

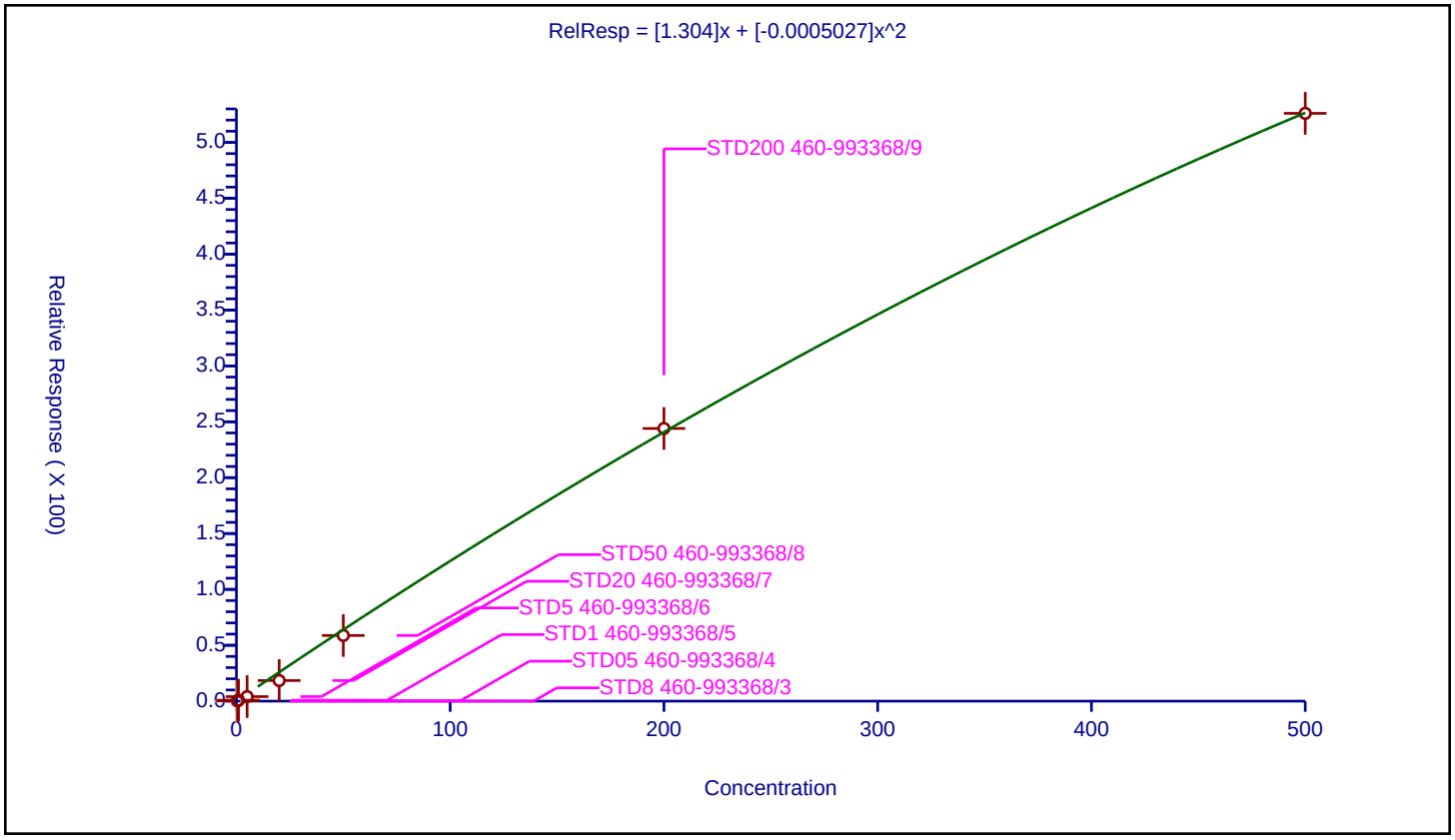
Curve Coefficients

Intercept:	0
Slope:	1.304
Second Order:	-0.0005027

Error Coefficients

Relative Standard Deviation:	35.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.327103	50.0	296084.0	0.654206	Y
3	STD1 460-993368/5	1.0	0.818216	50.0	294482.0	0.818216	Y
4	STD5 460-993368/6	5.0	4.045415	50.0	301749.0	0.809083	Y
5	STD20 460-993368/7	20.0	18.447065	50.0	297836.0	0.922353	Y
6	STD50 460-993368/8	50.0	58.763355	50.0	308318.0	1.175267	Y
7	STD200 460-993368/9	200.0	244.001635	50.0	322863.0	1.220008	Y
8	STD500 460-993368/10	500.0	526.028048	50.0	330651.0	1.052056	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

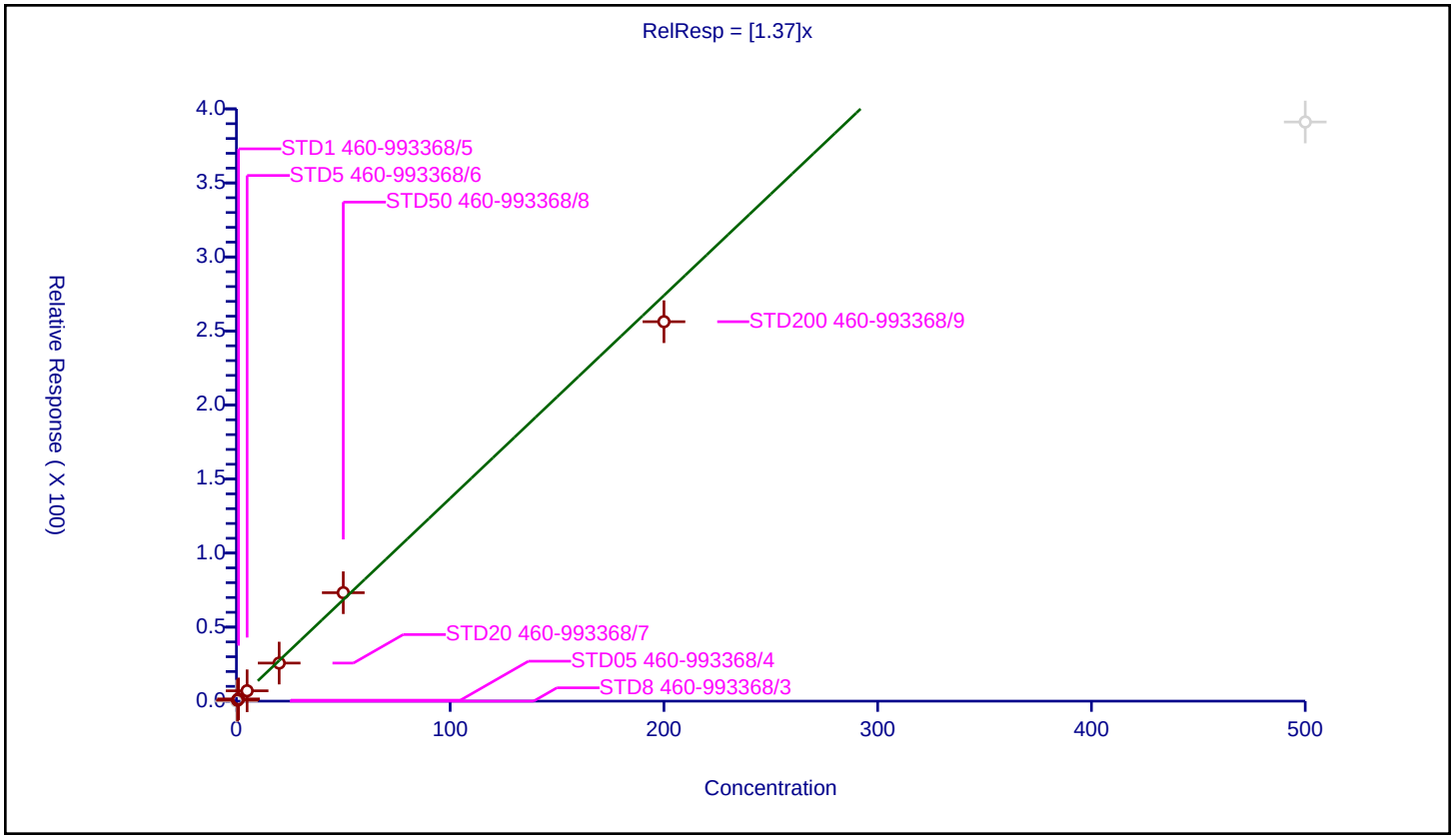
Curve Coefficients

Intercept:	0
Slope:	1.37

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.641727	50.0	529898.0	1.283455	Y
3	STD1 460-993368/5	1.0	1.506949	50.0	522214.0	1.506949	Y
4	STD5 460-993368/6	5.0	6.985572	50.0	538603.0	1.397114	Y
5	STD20 460-993368/7	20.0	25.708208	50.0	533106.0	1.28541	Y
6	STD50 460-993368/8	50.0	73.248049	50.0	539727.0	1.464961	Y
7	STD200 460-993368/9	200.0	256.274831	50.0	572119.0	1.281374	Y
8	STD500 460-993368/10	500.0	391.142791	50.0	611293.0	0.782286	N



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

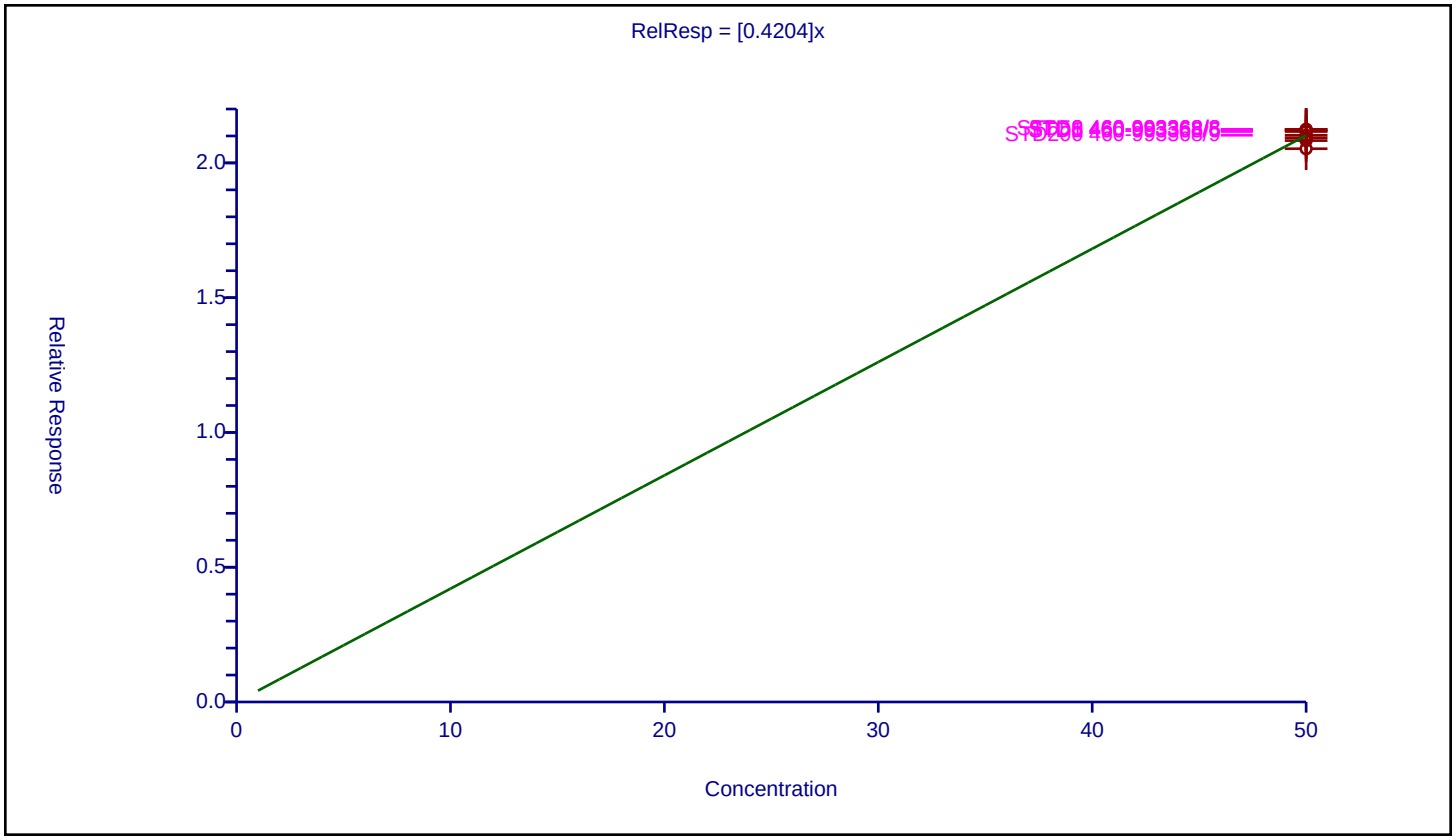
Curve Coefficients

Intercept:	0
Slope:	0.4204

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	21.246574	50.0	565550.0	0.424931	Y
2	STD05 460-993368/4	50.0	20.827499	50.0	529898.0	0.41655	Y
3	STD1 460-993368/5	50.0	21.164599	50.0	522214.0	0.423292	Y
4	STD5 460-993368/6	50.0	21.193625	50.0	538603.0	0.423872	Y
5	STD20 460-993368/7	50.0	20.929046	50.0	533106.0	0.418581	Y
6	STD50 460-993368/8	50.0	21.236292	50.0	539727.0	0.424726	Y
7	STD200 460-993368/9	50.0	21.026482	50.0	572119.0	0.42053	Y
8	STD500 460-993368/10	50.0	20.526572	50.0	611293.0	0.410531	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

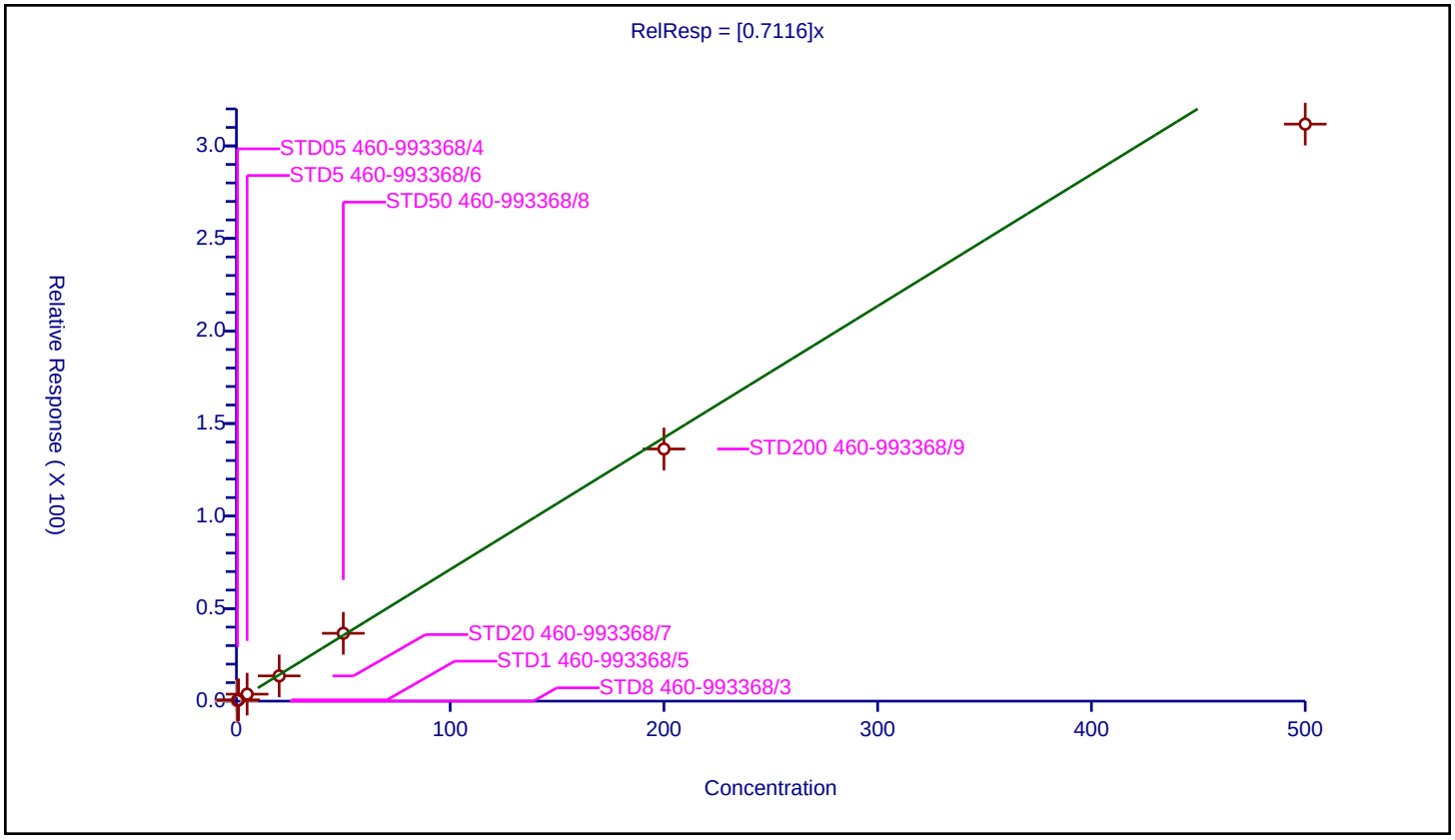
Curve Coefficients

Intercept:	0
Slope:	0.7116

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.406135	50.0	296084.0	0.812269	Y
3	STD1 460-993368/5	1.0	0.692402	50.0	294482.0	0.692402	Y
4	STD5 460-993368/6	5.0	3.781288	50.0	301749.0	0.756258	Y
5	STD20 460-993368/7	20.0	13.641904	50.0	297836.0	0.682095	Y
6	STD50 460-993368/8	50.0	36.665229	50.0	308318.0	0.733305	Y
7	STD200 460-993368/9	200.0	136.249276	50.0	322863.0	0.681246	Y
8	STD500 460-993368/10	500.0	311.789621	50.0	330651.0	0.623579	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

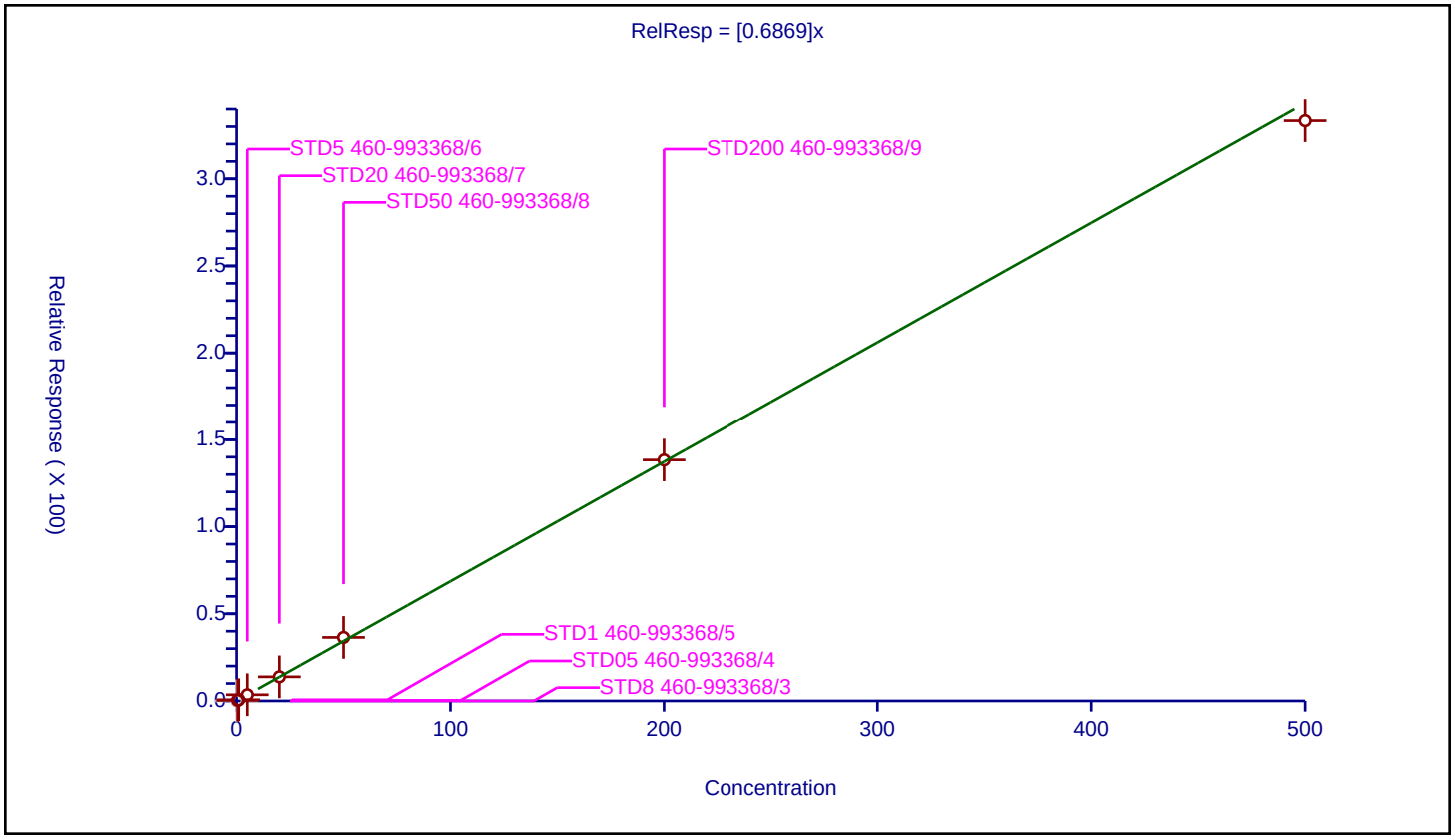
Curve Coefficients

Intercept:	0
Slope:	0.6869

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.319166	50.0	296084.0	0.638332	Y
3	STD1 460-993368/5	1.0	0.681196	50.0	294482.0	0.681196	Y
4	STD5 460-993368/6	5.0	3.546822	50.0	301749.0	0.709364	Y
5	STD20 460-993368/7	20.0	13.835466	50.0	297836.0	0.691773	Y
6	STD50 460-993368/8	50.0	36.438028	50.0	308318.0	0.728761	Y
7	STD200 460-993368/9	200.0	138.385476	50.0	322863.0	0.691927	Y
8	STD500 460-993368/10	500.0	333.373255	50.0	330651.0	0.666747	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

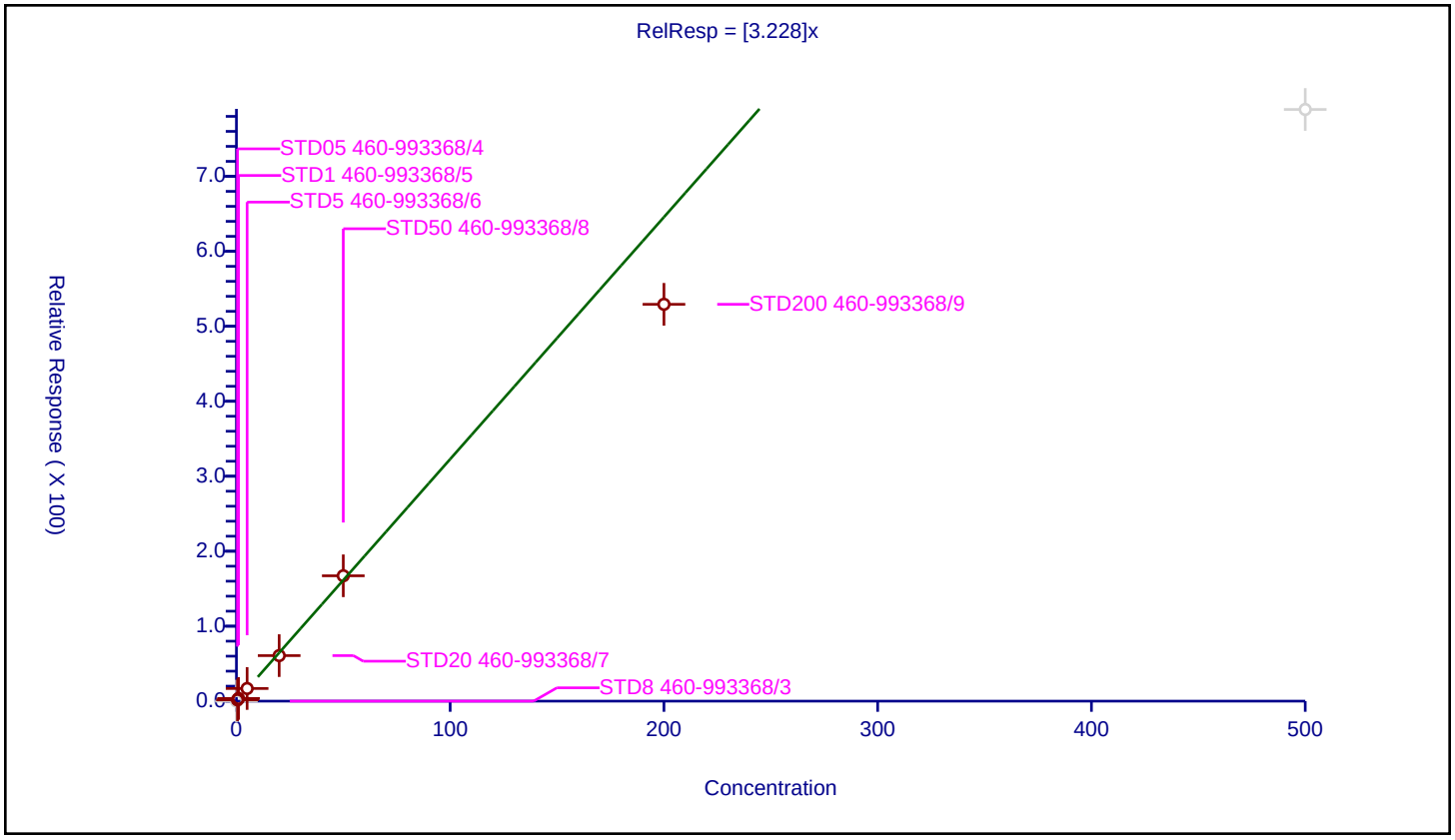
Curve Coefficients

Intercept:	0
Slope:	3.228

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.684488	50.0	296084.0	3.368976	Y
3	STD1 460-993368/5	1.0	3.604125	50.0	294482.0	3.604125	Y
4	STD5 460-993368/6	5.0	16.842641	50.0	301749.0	3.368528	Y
5	STD20 460-993368/7	20.0	60.740978	50.0	297836.0	3.037049	Y
6	STD50 460-993368/8	50.0	167.213883	50.0	308318.0	3.344278	Y
7	STD200 460-993368/9	200.0	529.341392	50.0	322863.0	2.646707	Y
8	STD500 460-993368/10	500.0	789.213249	50.0	330651.0	1.578426	N



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

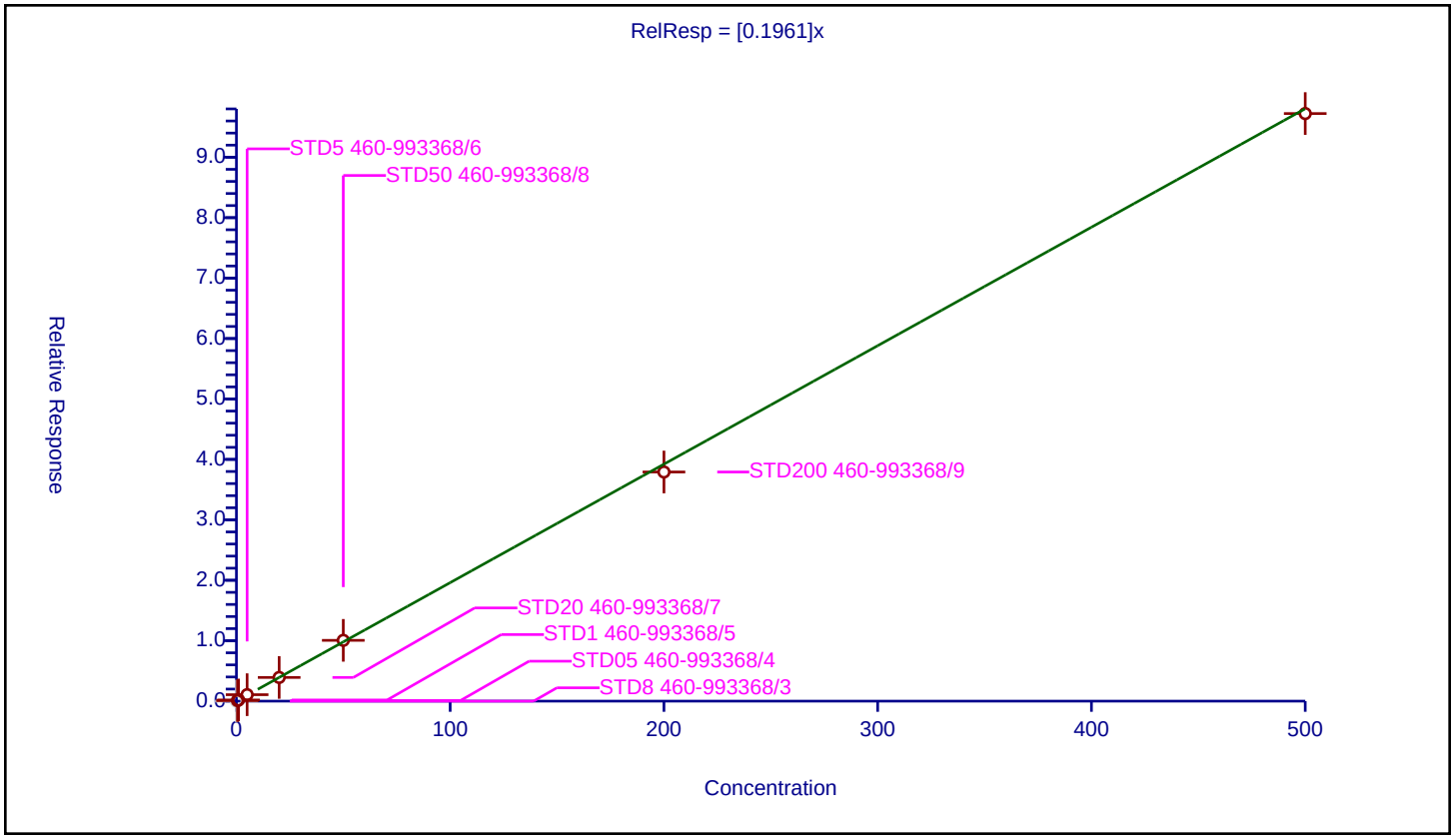
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.09271	50.0	296084.0	0.18542	Y
3	STD1 460-993368/5	1.0	0.191693	50.0	294482.0	0.191693	Y
4	STD5 460-993368/6	5.0	1.070592	50.0	301749.0	0.214118	Y
5	STD20 460-993368/7	20.0	3.918599	50.0	297836.0	0.19593	Y
6	STD50 460-993368/8	50.0	10.059744	50.0	308318.0	0.201195	Y
7	STD200 460-993368/9	200.0	37.917321	50.0	322863.0	0.189587	Y
8	STD500 460-993368/10	500.0	97.228347	50.0	330651.0	0.194457	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

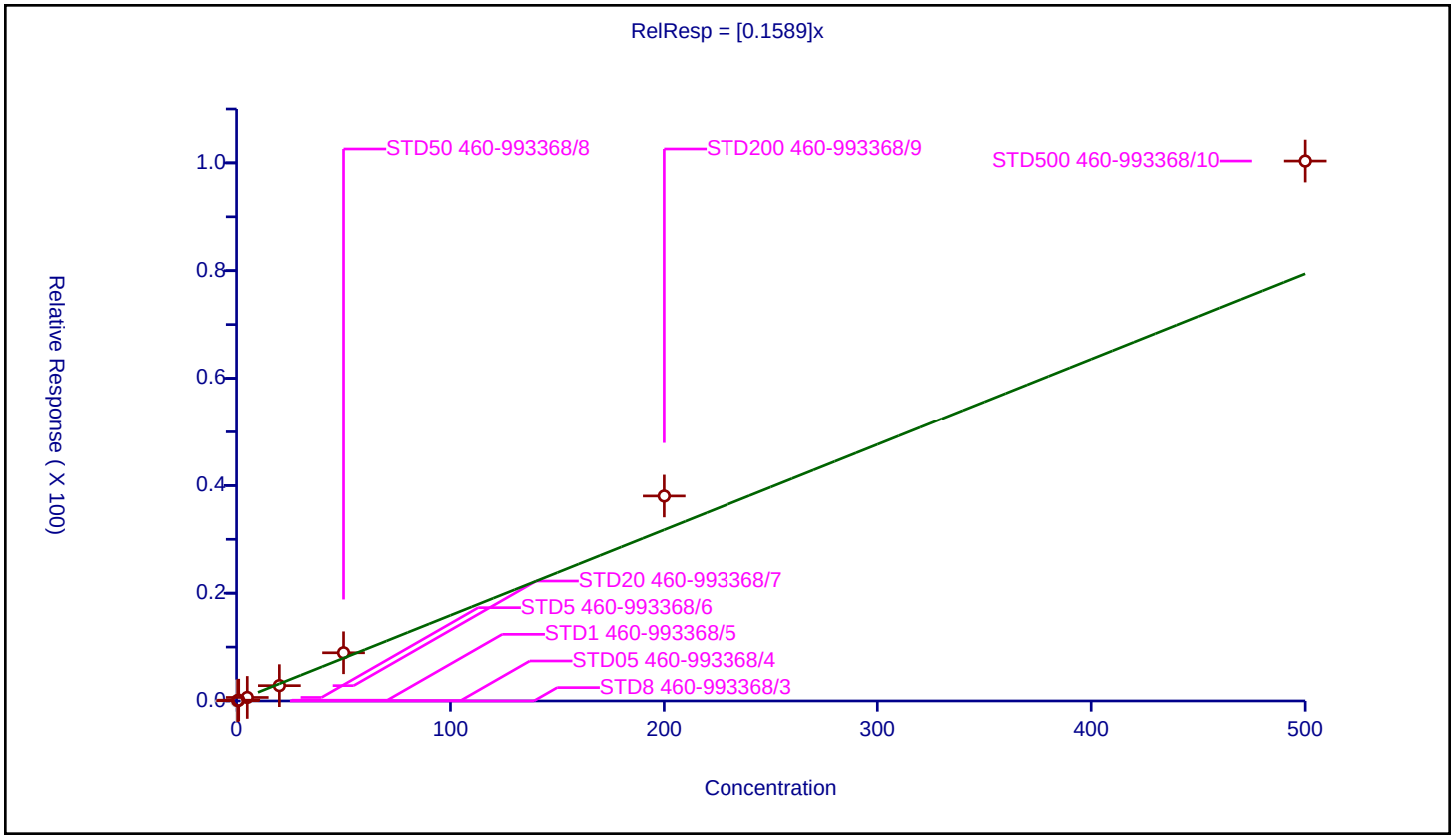
Curve Coefficients

Intercept:	0
Slope:	0.1589

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.062989	50.0	296084.0	0.125978	Y
3	STD1 460-993368/5	1.0	0.144151	50.0	294482.0	0.144151	Y
4	STD5 460-993368/6	5.0	0.650044	50.0	301749.0	0.130009	Y
5	STD20 460-993368/7	20.0	2.841832	50.0	297836.0	0.142092	Y
6	STD50 460-993368/8	50.0	8.942553	50.0	308318.0	0.178851	Y
7	STD200 460-993368/9	200.0	38.047407	50.0	322863.0	0.190237	Y
8	STD500 460-993368/10	500.0	100.345833	50.0	330651.0	0.200692	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

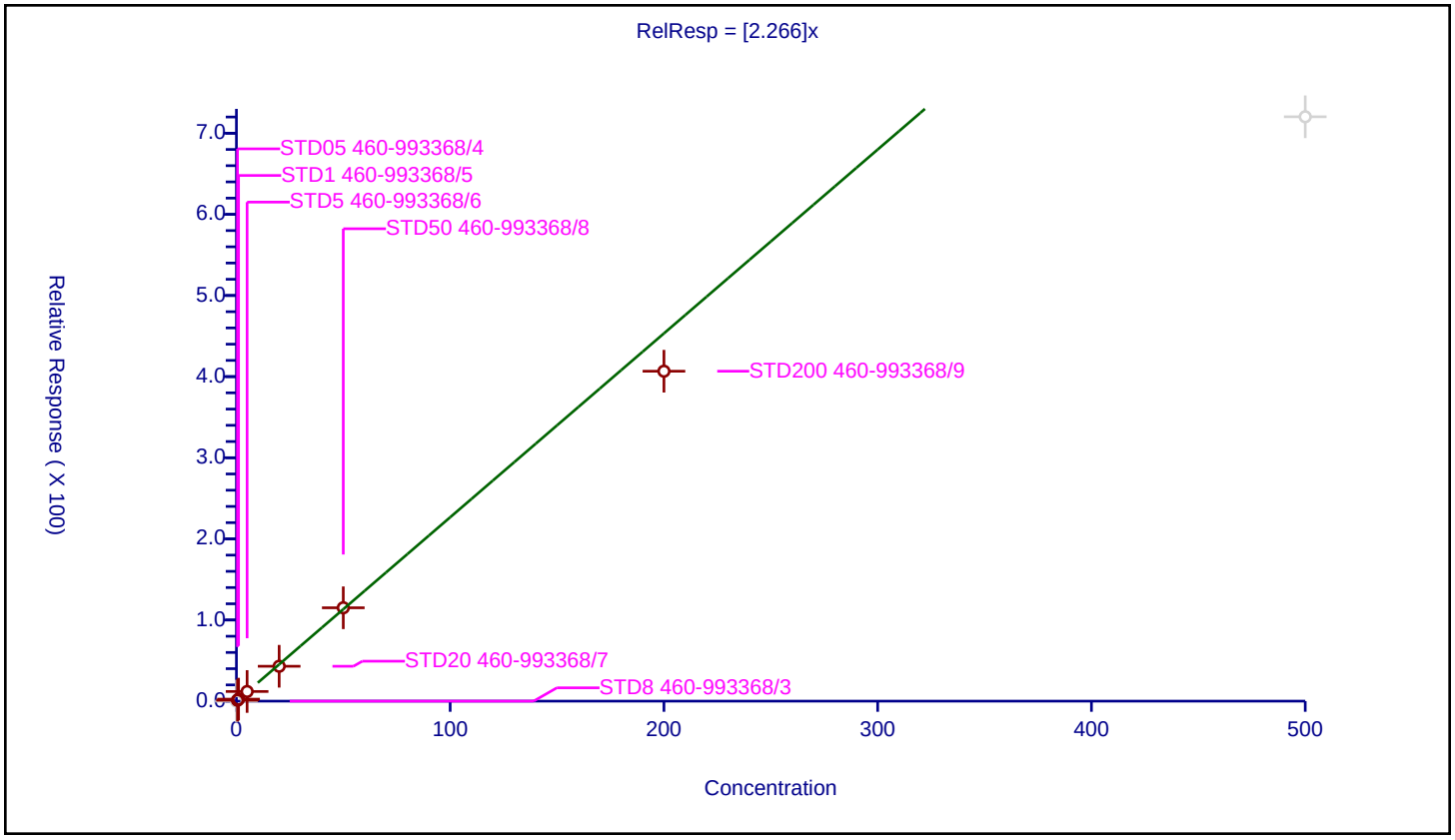
Curve Coefficients

Intercept:	0
Slope:	2.266

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.141906	50.0	296084.0	2.283811	Y
3	STD1 460-993368/5	1.0	2.446499	50.0	294482.0	2.446499	Y
4	STD5 460-993368/6	5.0	11.911556	50.0	301749.0	2.382311	Y
5	STD20 460-993368/7	20.0	43.005379	50.0	297836.0	2.150269	Y
6	STD50 460-993368/8	50.0	115.090426	50.0	308318.0	2.301809	Y
7	STD200 460-993368/9	200.0	406.678065	50.0	322863.0	2.03339	Y
8	STD500 460-993368/10	500.0	720.269862	50.0	330651.0	1.44054	N



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

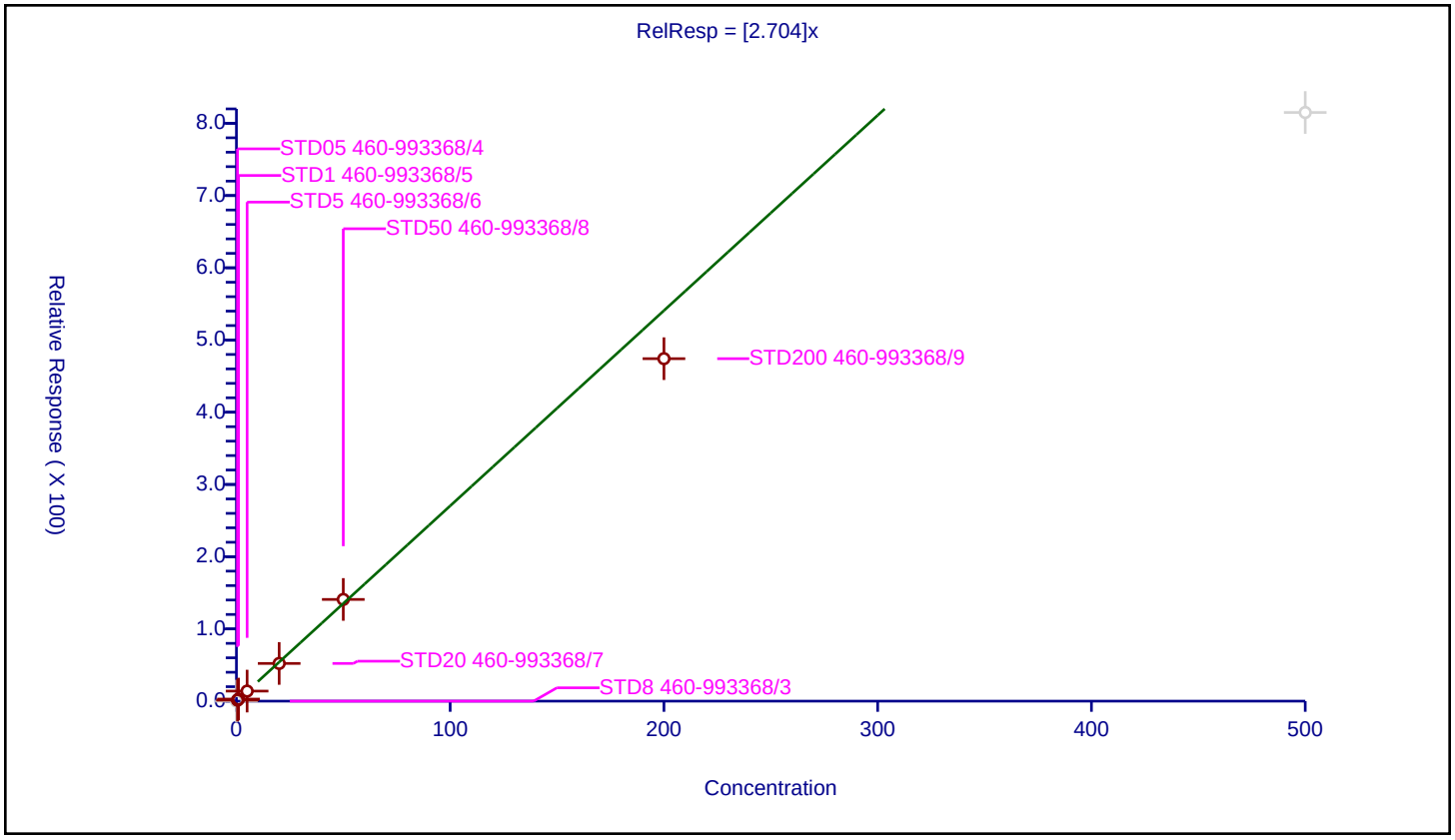
Curve Coefficients

Intercept:	0
Slope:	2.704

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.390822	50.0	296084.0	2.781643	Y
3	STD1 460-993368/5	1.0	2.858749	50.0	294482.0	2.858749	Y
4	STD5 460-993368/6	5.0	13.922499	50.0	301749.0	2.7845	Y
5	STD20 460-993368/7	20.0	52.209437	50.0	297836.0	2.610472	Y
6	STD50 460-993368/8	50.0	140.821976	50.0	308318.0	2.81644	Y
7	STD200 460-993368/9	200.0	474.190911	50.0	322863.0	2.370955	Y
8	STD500 460-993368/10	500.0	815.010237	50.0	330651.0	1.63002	N



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

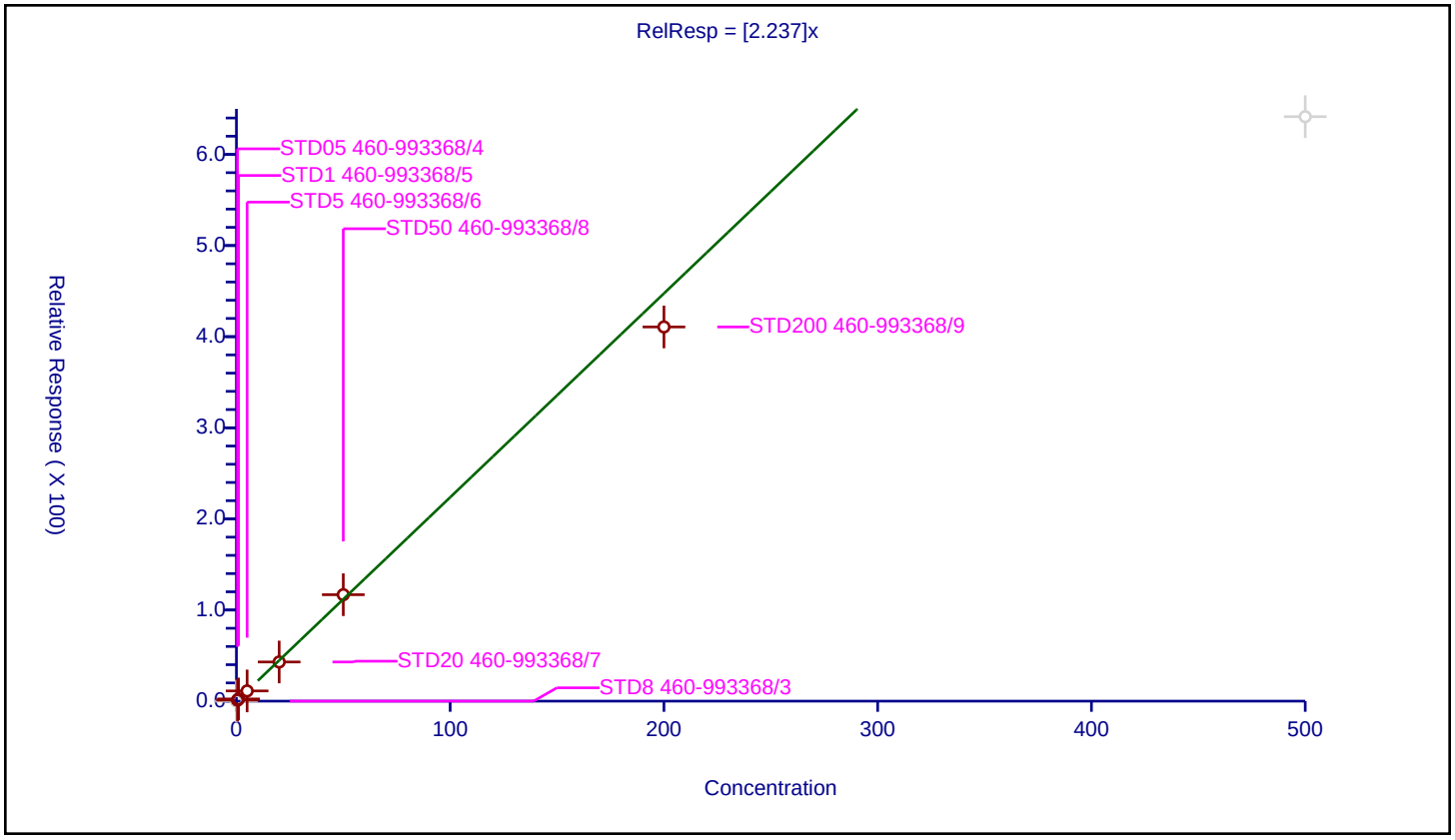
Curve Coefficients

Intercept:	0
Slope:	2.237

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.119446	50.0	296084.0	2.238892	Y
3	STD1 460-993368/5	1.0	2.403033	50.0	294482.0	2.403033	Y
4	STD5 460-993368/6	5.0	11.215944	50.0	301749.0	2.243189	Y
5	STD20 460-993368/7	20.0	42.976672	50.0	297836.0	2.148834	Y
6	STD50 460-993368/8	50.0	116.83327	50.0	308318.0	2.336665	Y
7	STD200 460-993368/9	200.0	410.697107	50.0	322863.0	2.053486	Y
8	STD500 460-993368/10	500.0	641.451863	50.0	330651.0	1.282904	N



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

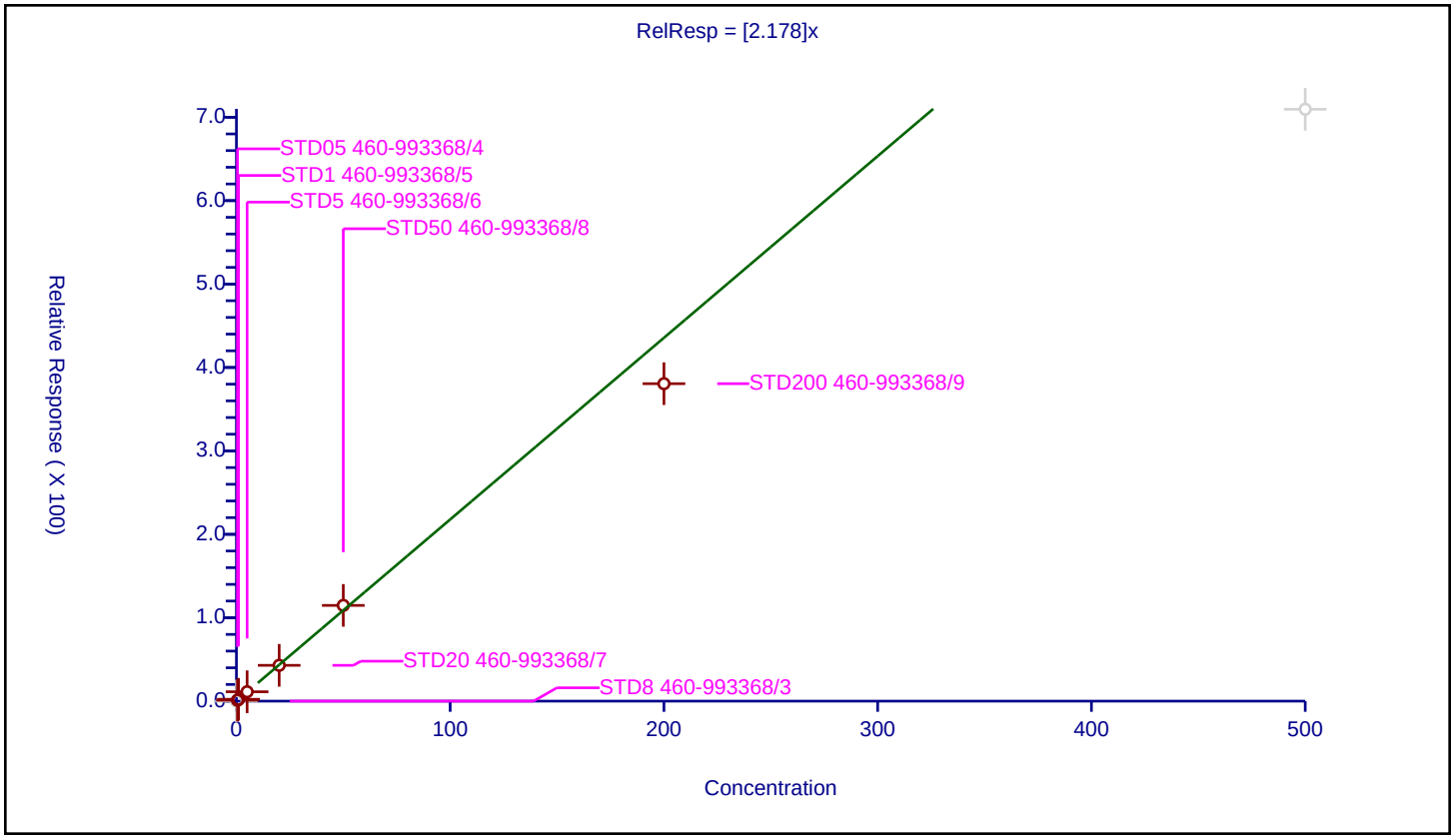
Curve Coefficients

Intercept:	0
Slope:	2.178

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.127889	50.0	296084.0	2.255779	Y
3	STD1 460-993368/5	1.0	2.218642	50.0	294482.0	2.218642	Y
4	STD5 460-993368/6	5.0	11.241131	50.0	301749.0	2.248226	Y
5	STD20 460-993368/7	20.0	42.940746	50.0	297836.0	2.147037	Y
6	STD50 460-993368/8	50.0	114.771113	50.0	308318.0	2.295422	Y
7	STD200 460-993368/9	200.0	380.582166	50.0	322863.0	1.902911	Y
8	STD500 460-993368/10	500.0	709.559929	50.0	330651.0	1.41912	N



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

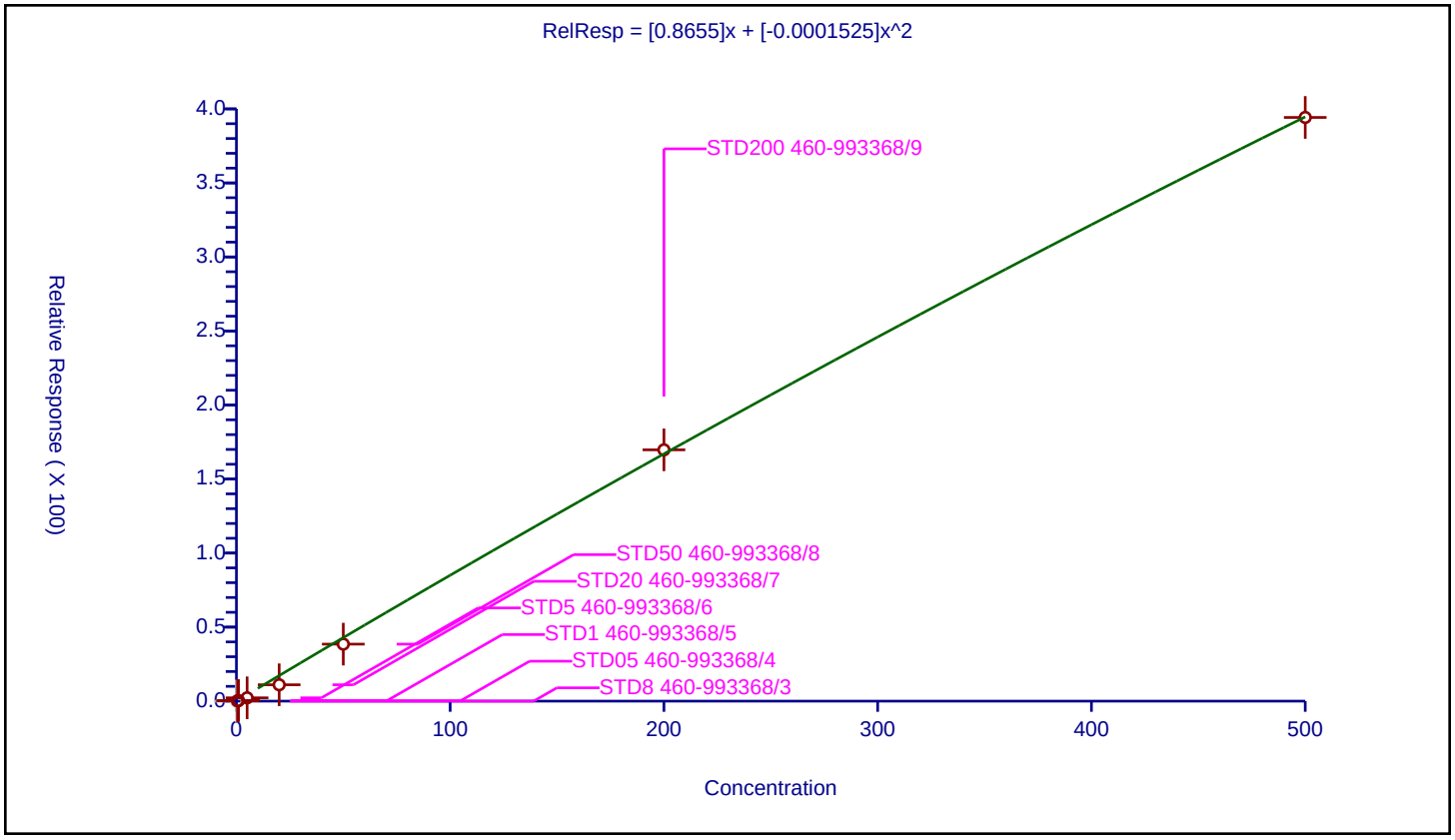
Curve Coefficients

Intercept:	0
Slope:	0.8655
Second Order:	-0.0001525

Error Coefficients

Relative Standard Deviation:	44.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.186771	50.0	296084.0	0.373543	Y
3	STD1 460-993368/5	1.0	0.381008	50.0	294482.0	0.381008	Y
4	STD5 460-993368/6	5.0	2.243587	50.0	301749.0	0.448717	Y
5	STD20 460-993368/7	20.0	11.05172	50.0	297836.0	0.552586	Y
6	STD50 460-993368/8	50.0	38.509429	50.0	308318.0	0.770189	Y
7	STD200 460-993368/9	200.0	169.723691	50.0	322863.0	0.848618	Y
8	STD500 460-993368/10	500.0	394.233497	50.0	330651.0	0.788467	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

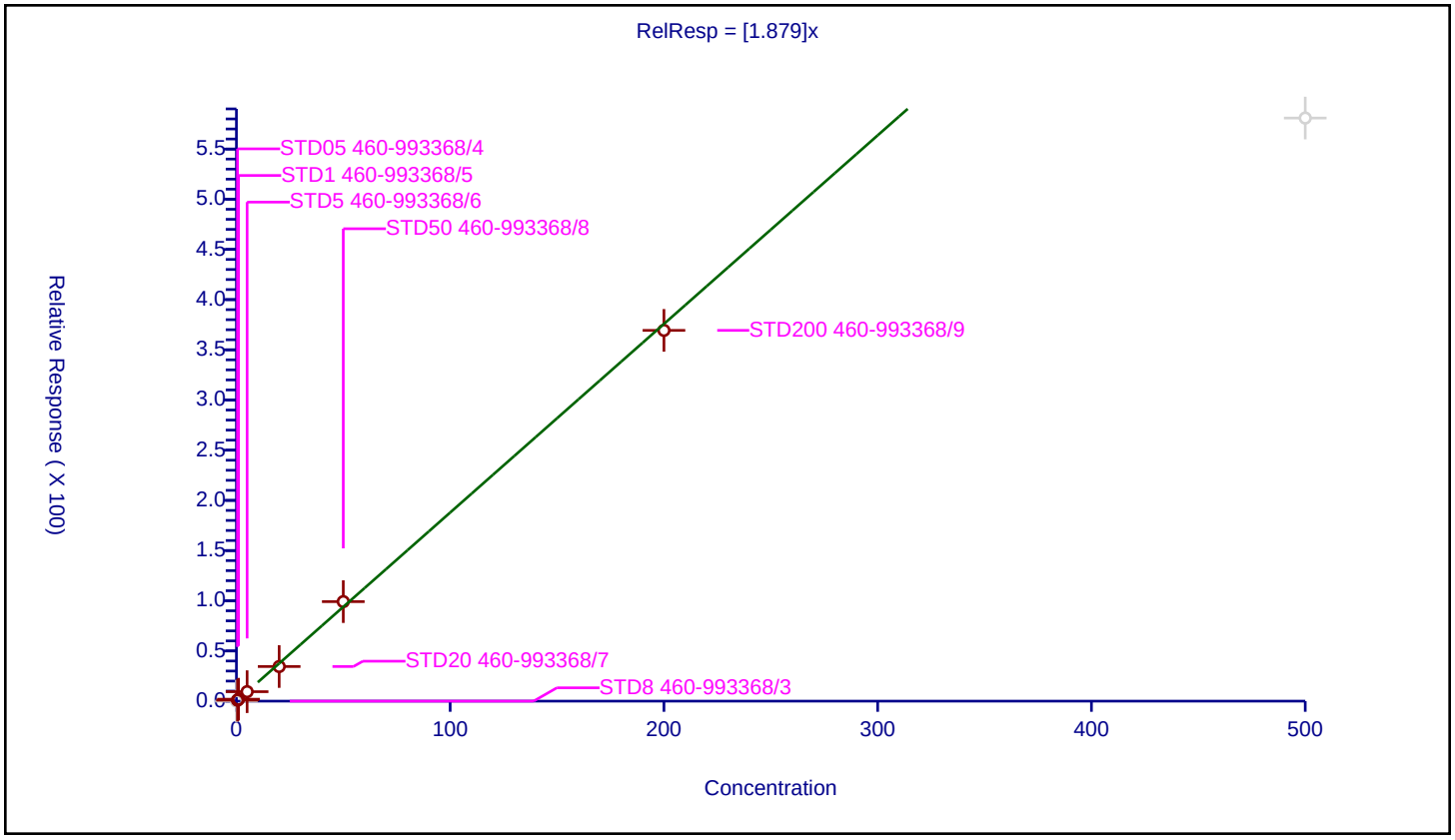
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.957836	50.0	296084.0	1.915673	Y
3	STD1 460-993368/5	1.0	1.920491	50.0	294482.0	1.920491	Y
4	STD5 460-993368/6	5.0	9.419584	50.0	301749.0	1.883917	Y
5	STD20 460-993368/7	20.0	34.466283	50.0	297836.0	1.723314	Y
6	STD50 460-993368/8	50.0	99.133038	50.0	308318.0	1.982661	Y
7	STD200 460-993368/9	200.0	369.349074	50.0	322863.0	1.846745	Y
8	STD500 460-993368/10	500.0	580.88362	50.0	330651.0	1.161767	N



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

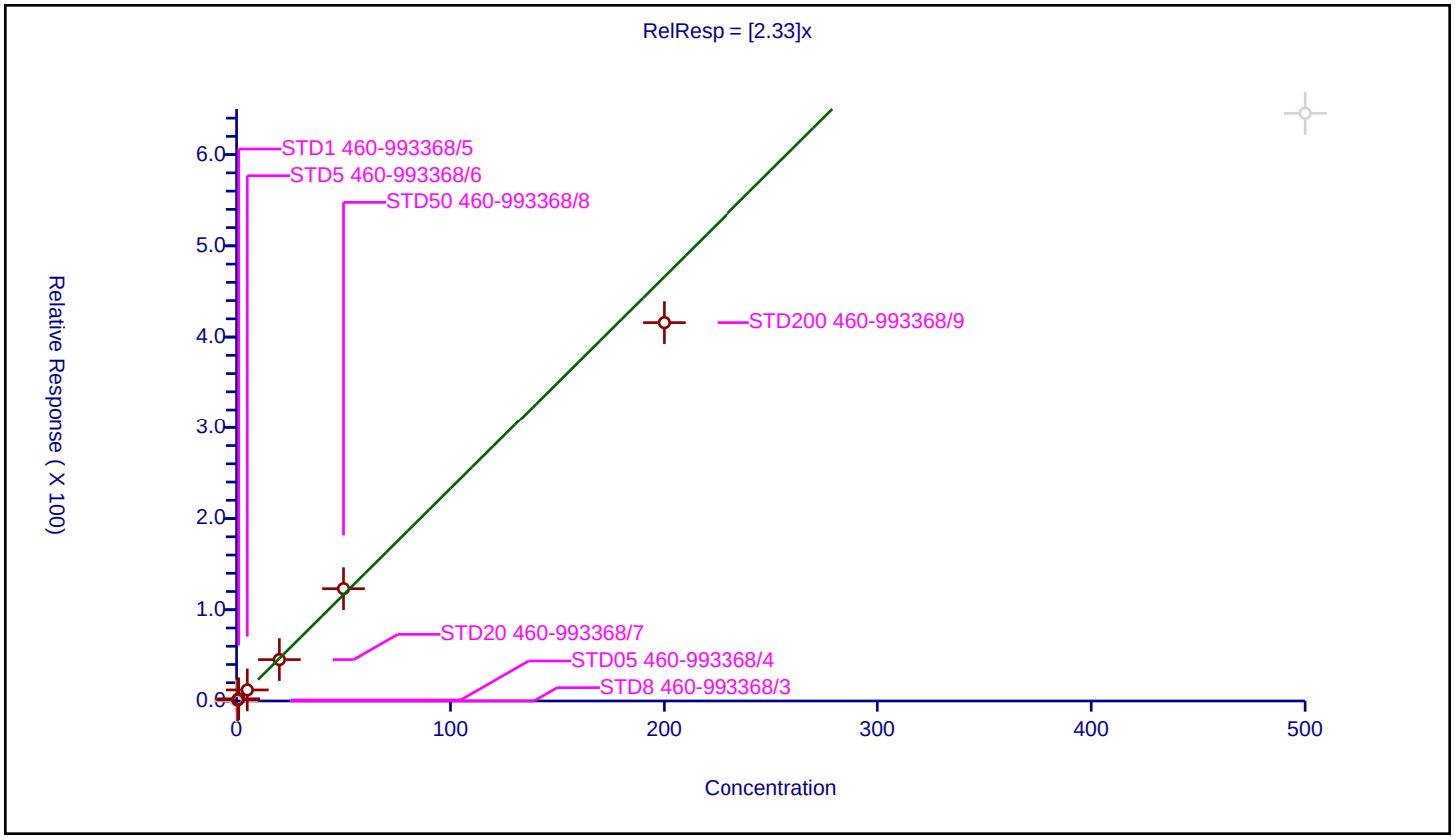
Curve Coefficients

Intercept:	0
Slope:	2.33

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.162508	50.0	296084.0	2.325016	Y
3	STD1 460-993368/5	1.0	2.421031	50.0	294482.0	2.421031	Y
4	STD5 460-993368/6	5.0	12.127298	50.0	301749.0	2.42546	Y
5	STD20 460-993368/7	20.0	45.364899	50.0	297836.0	2.268245	Y
6	STD50 460-993368/8	50.0	123.116555	50.0	308318.0	2.462331	Y
7	STD200 460-993368/9	200.0	415.844801	50.0	322863.0	2.079224	Y
8	STD500 460-993368/10	500.0	645.307741	50.0	330651.0	1.290615	N



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

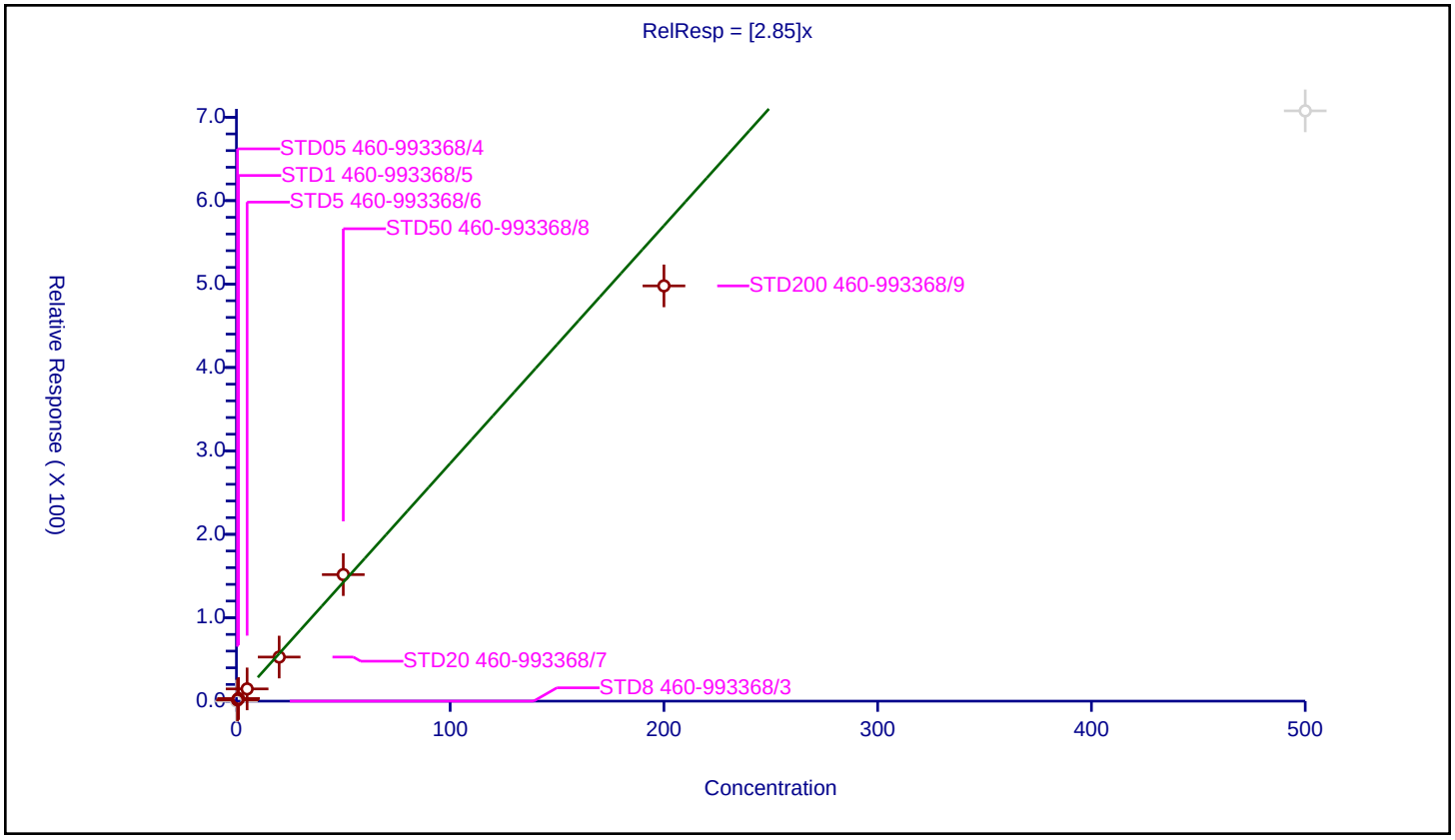
Curve Coefficients

Intercept:	0
Slope:	2.85

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.446211	50.0	296084.0	2.892422	Y
3	STD1 460-993368/5	1.0	3.106302	50.0	294482.0	3.106302	Y
4	STD5 460-993368/6	5.0	14.679585	50.0	301749.0	2.935917	Y
5	STD20 460-993368/7	20.0	52.863321	50.0	297836.0	2.643166	Y
6	STD50 460-993368/8	50.0	151.694841	50.0	308318.0	3.033897	Y
7	STD200 460-993368/9	200.0	497.822141	50.0	322863.0	2.489111	Y
8	STD500 460-993368/10	500.0	707.630855	50.0	330651.0	1.415262	N



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

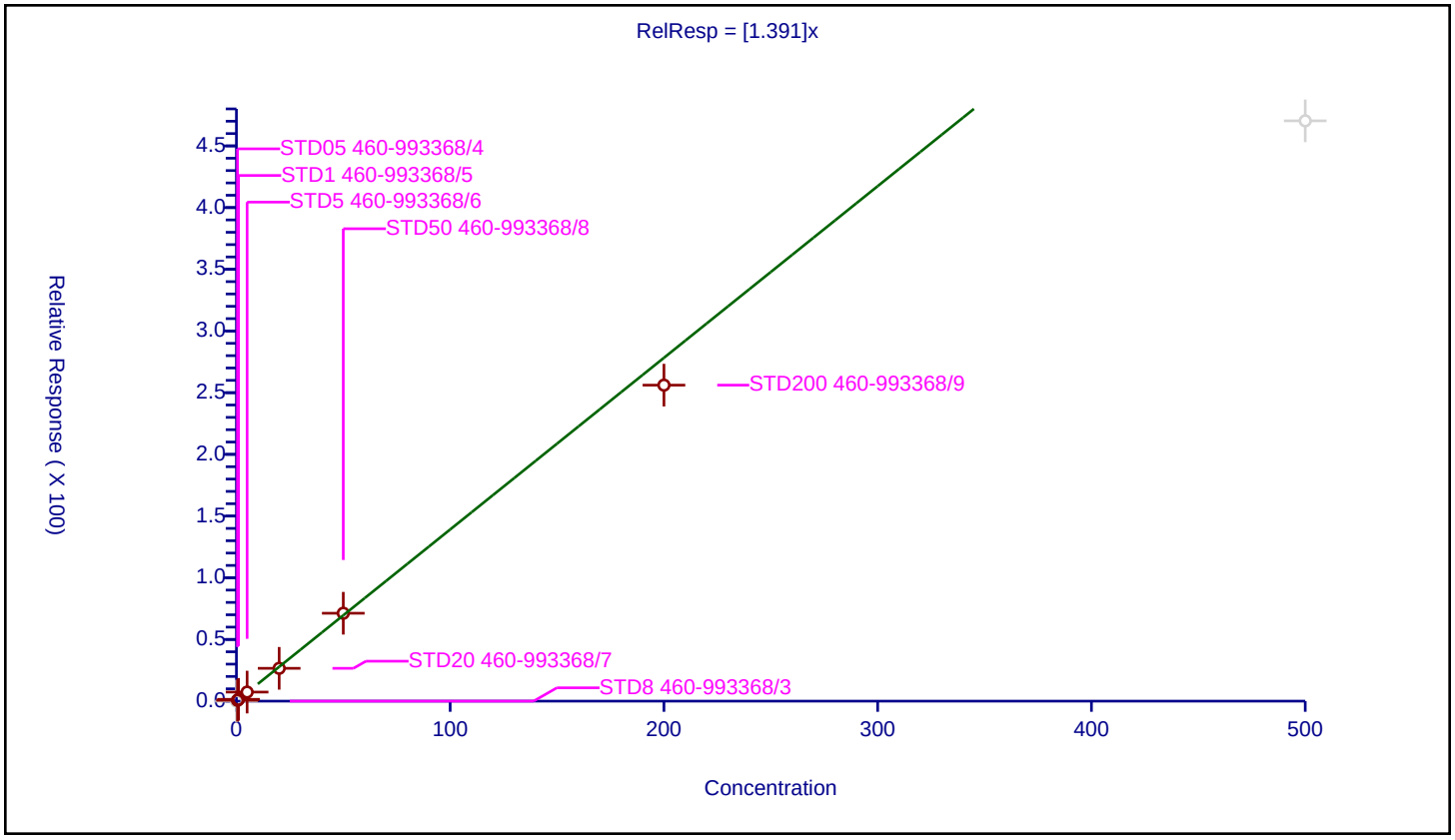
Curve Coefficients

Intercept:	0
Slope:	1.391

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.69845	50.0	296084.0	1.396901	Y
3	STD1 460-993368/5	1.0	1.447287	50.0	294482.0	1.447287	Y
4	STD5 460-993368/6	5.0	7.340372	50.0	301749.0	1.468074	Y
5	STD20 460-993368/7	20.0	26.596348	50.0	297836.0	1.329817	Y
6	STD50 460-993368/8	50.0	71.25257	50.0	308318.0	1.425051	Y
7	STD200 460-993368/9	200.0	256.107699	50.0	322863.0	1.280538	Y
8	STD500 460-993368/10	500.0	470.30328	50.0	330651.0	0.940607	N



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

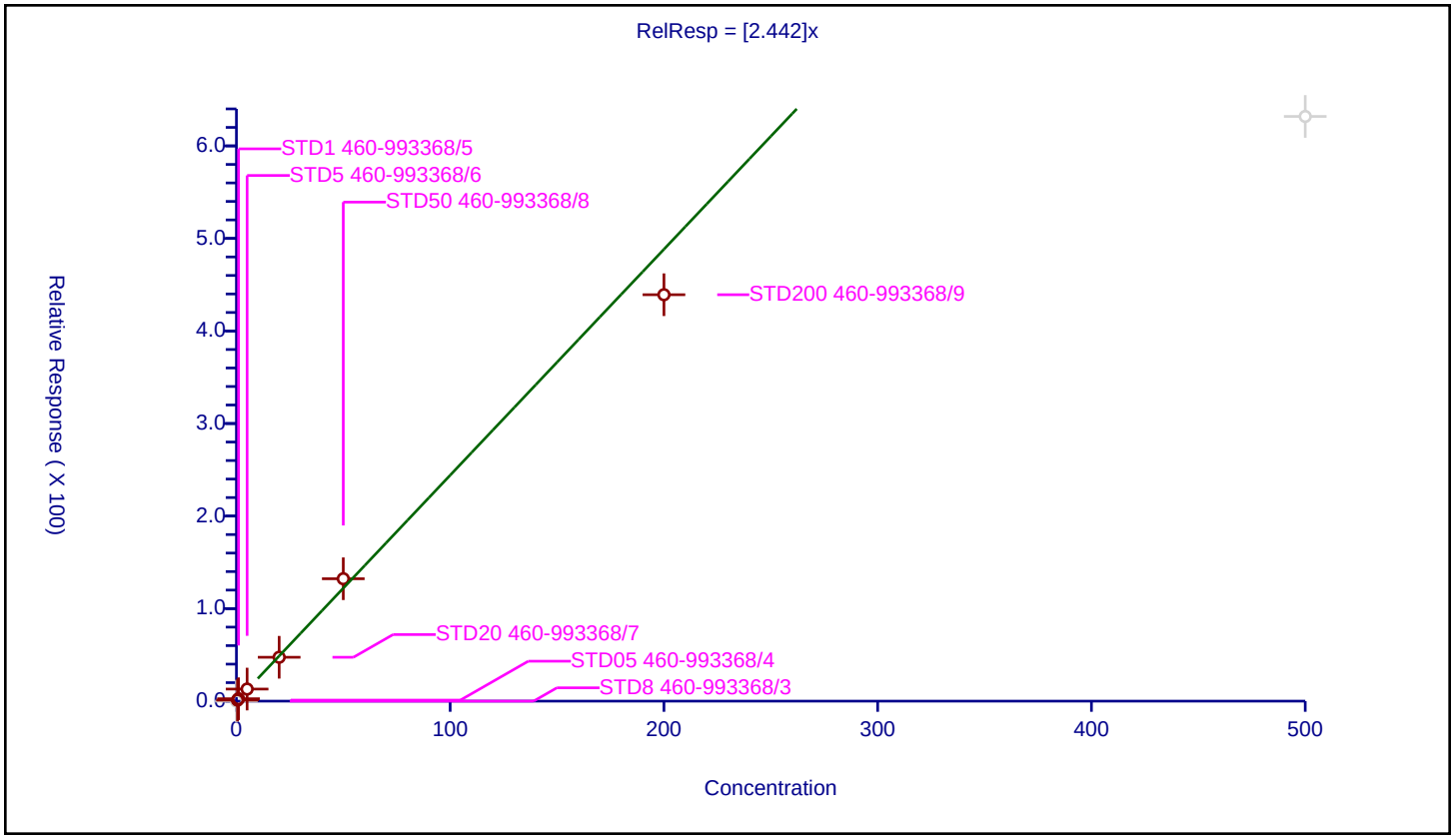
Curve Coefficients

Intercept:	0
Slope:	2.442

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.112184	50.0	296084.0	2.224369	Y
3	STD1 460-993368/5	1.0	2.601008	50.0	294482.0	2.601008	Y
4	STD5 460-993368/6	5.0	13.062512	50.0	301749.0	2.612502	Y
5	STD20 460-993368/7	20.0	47.403773	50.0	297836.0	2.370189	Y
6	STD50 460-993368/8	50.0	132.258415	50.0	308318.0	2.645168	Y
7	STD200 460-993368/9	200.0	439.180241	50.0	322863.0	2.195901	Y
8	STD500 460-993368/10	500.0	631.823433	50.0	330651.0	1.263647	N



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

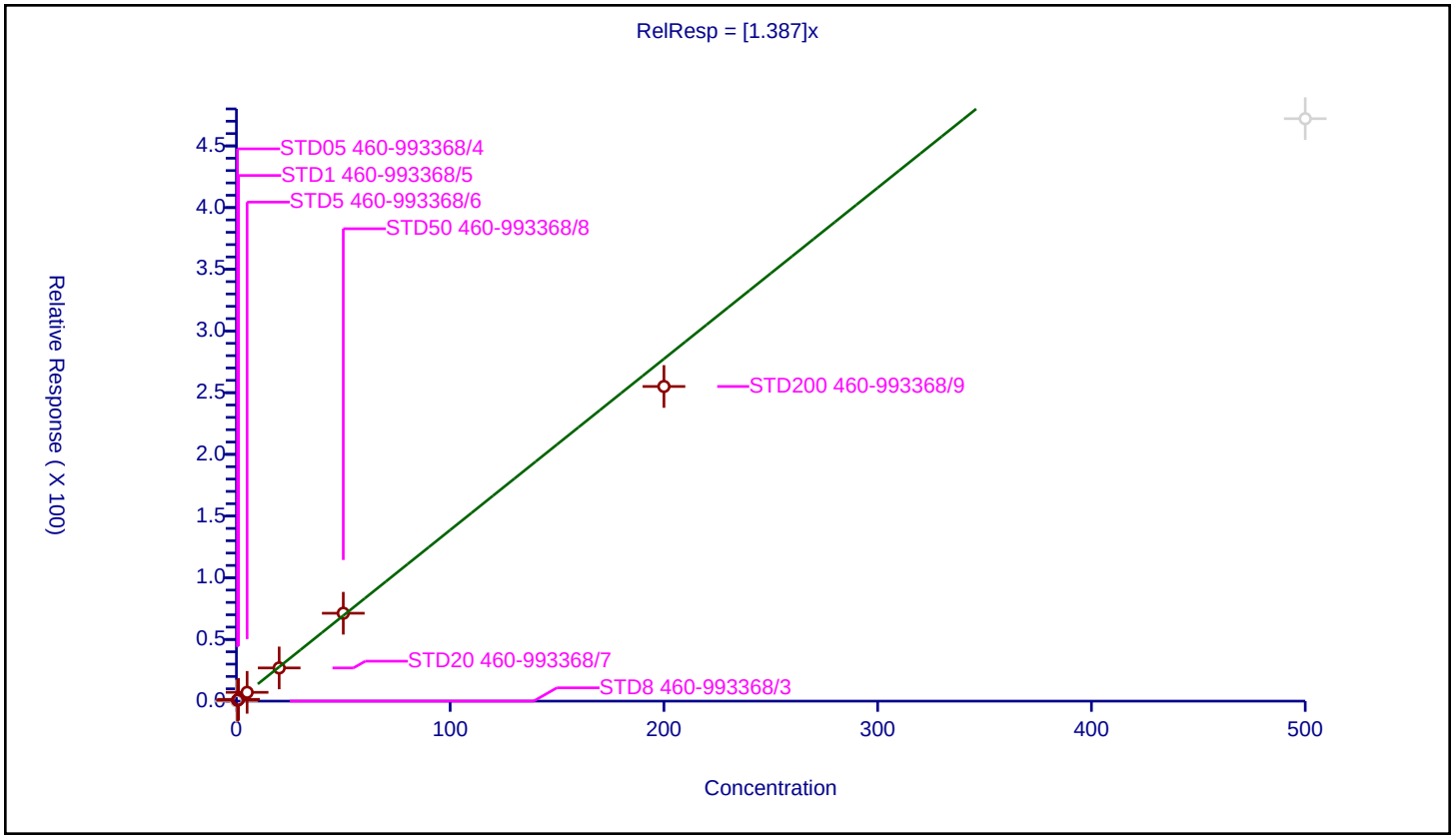
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.706894	50.0	296084.0	1.413788	Y
3	STD1 460-993368/5	1.0	1.43727	50.0	294482.0	1.43727	Y
4	STD5 460-993368/6	5.0	7.129104	50.0	301749.0	1.425821	Y
5	STD20 460-993368/7	20.0	26.897017	50.0	297836.0	1.344851	Y
6	STD50 460-993368/8	50.0	71.244138	50.0	308318.0	1.424883	Y
7	STD200 460-993368/9	200.0	255.033404	50.0	322863.0	1.275167	Y
8	STD500 460-993368/10	500.0	472.052708	50.0	330651.0	0.944105	N



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

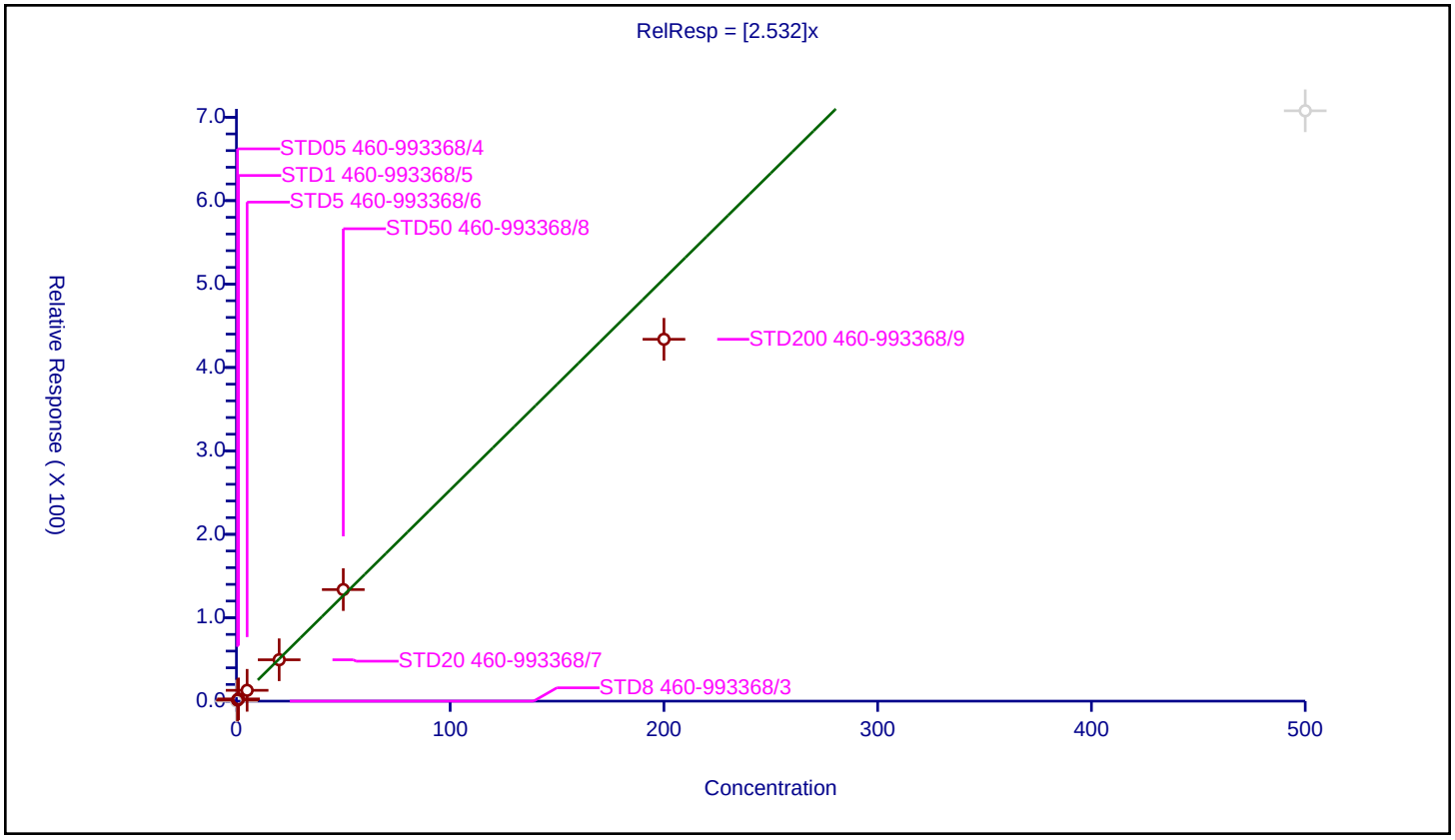
Curve Coefficients

Intercept:	0
Slope:	2.532

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.298111	50.0	296084.0	2.596223	Y
3	STD1 460-993368/5	1.0	2.678941	50.0	294482.0	2.678941	Y
4	STD5 460-993368/6	5.0	12.963755	50.0	301749.0	2.592751	Y
5	STD20 460-993368/7	20.0	49.591554	50.0	297836.0	2.479578	Y
6	STD50 460-993368/8	50.0	133.727839	50.0	308318.0	2.674557	Y
7	STD200 460-993368/9	200.0	433.814652	50.0	322863.0	2.169073	Y
8	STD500 460-993368/10	500.0	707.722947	50.0	330651.0	1.415446	N



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

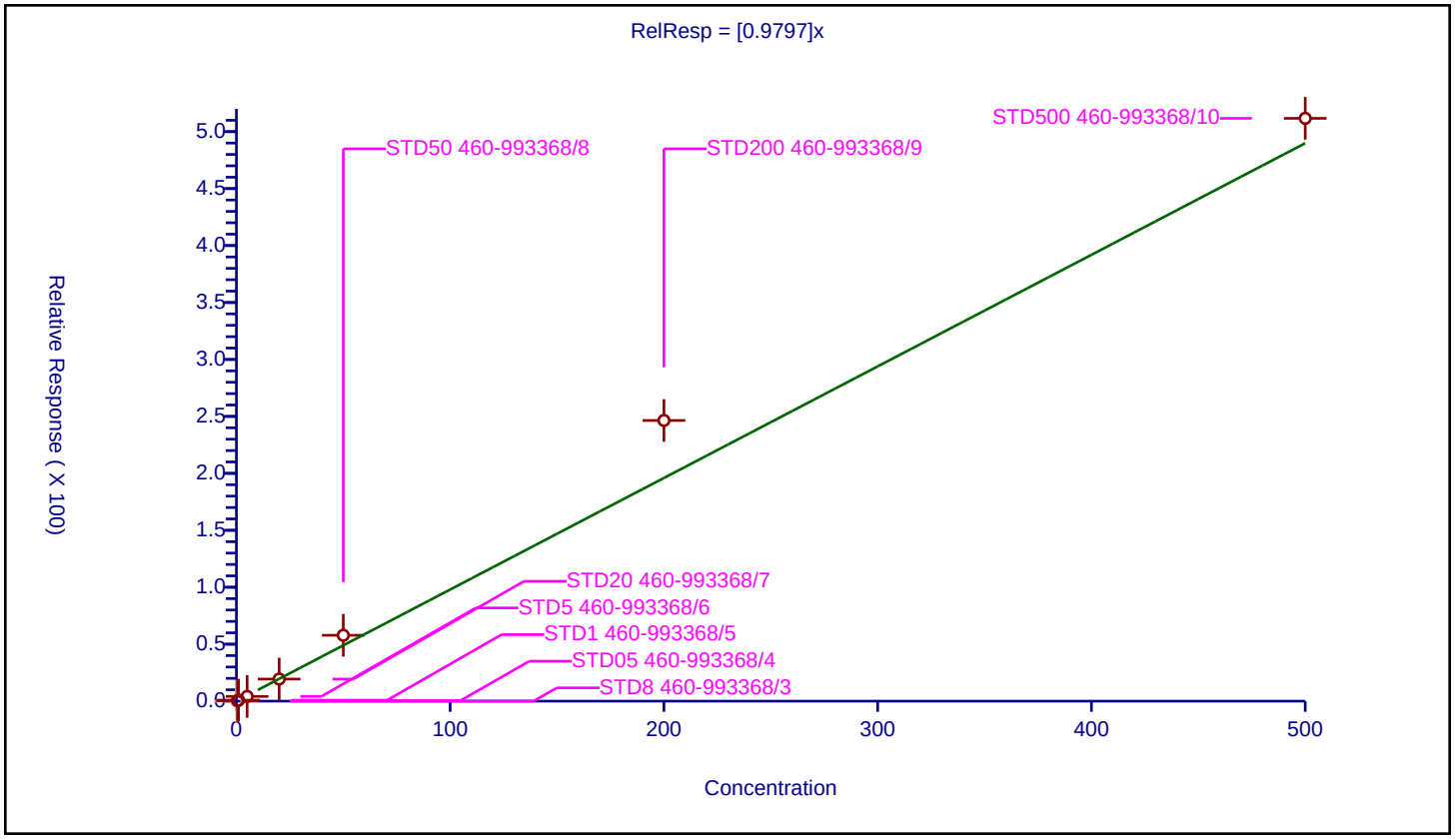
Curve Coefficients

Intercept:	0
Slope:	0.9797

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.407823	50.0	296084.0	0.815647	Y
3	STD1 460-993368/5	1.0	0.83146	50.0	294482.0	0.83146	Y
4	STD5 460-993368/6	5.0	4.144836	50.0	301749.0	0.828967	Y
5	STD20 460-993368/7	20.0	19.394566	50.0	297836.0	0.969728	Y
6	STD50 460-993368/8	50.0	57.825849	50.0	308318.0	1.156517	Y
7	STD200 460-993368/9	200.0	246.434246	50.0	322863.0	1.232171	Y
8	STD500 460-993368/10	500.0	511.689969	50.0	330651.0	1.02338	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

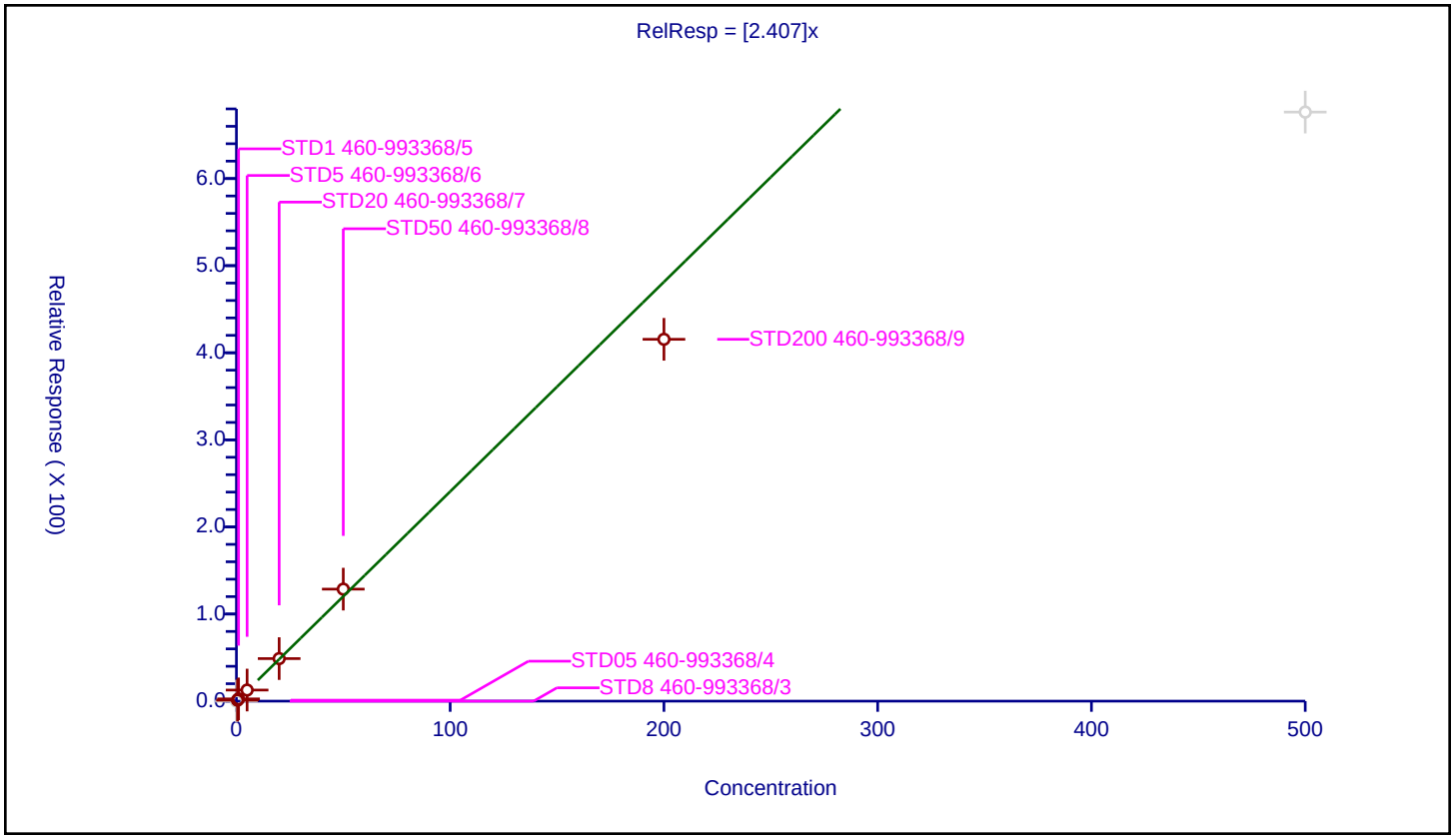
Curve Coefficients

Intercept:	0
Slope:	2.407

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.111678	50.0	296084.0	2.223356	Y
3	STD1 460-993368/5	1.0	2.574521	50.0	294482.0	2.574521	Y
4	STD5 460-993368/6	5.0	12.748178	50.0	301749.0	2.549636	Y
5	STD20 460-993368/7	20.0	48.841812	50.0	297836.0	2.442091	Y
6	STD50 460-993368/8	50.0	128.620126	50.0	308318.0	2.572403	Y
7	STD200 460-993368/9	200.0	415.444631	50.0	322863.0	2.077223	Y
8	STD500 460-993368/10	500.0	676.345301	50.0	330651.0	1.352691	N



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

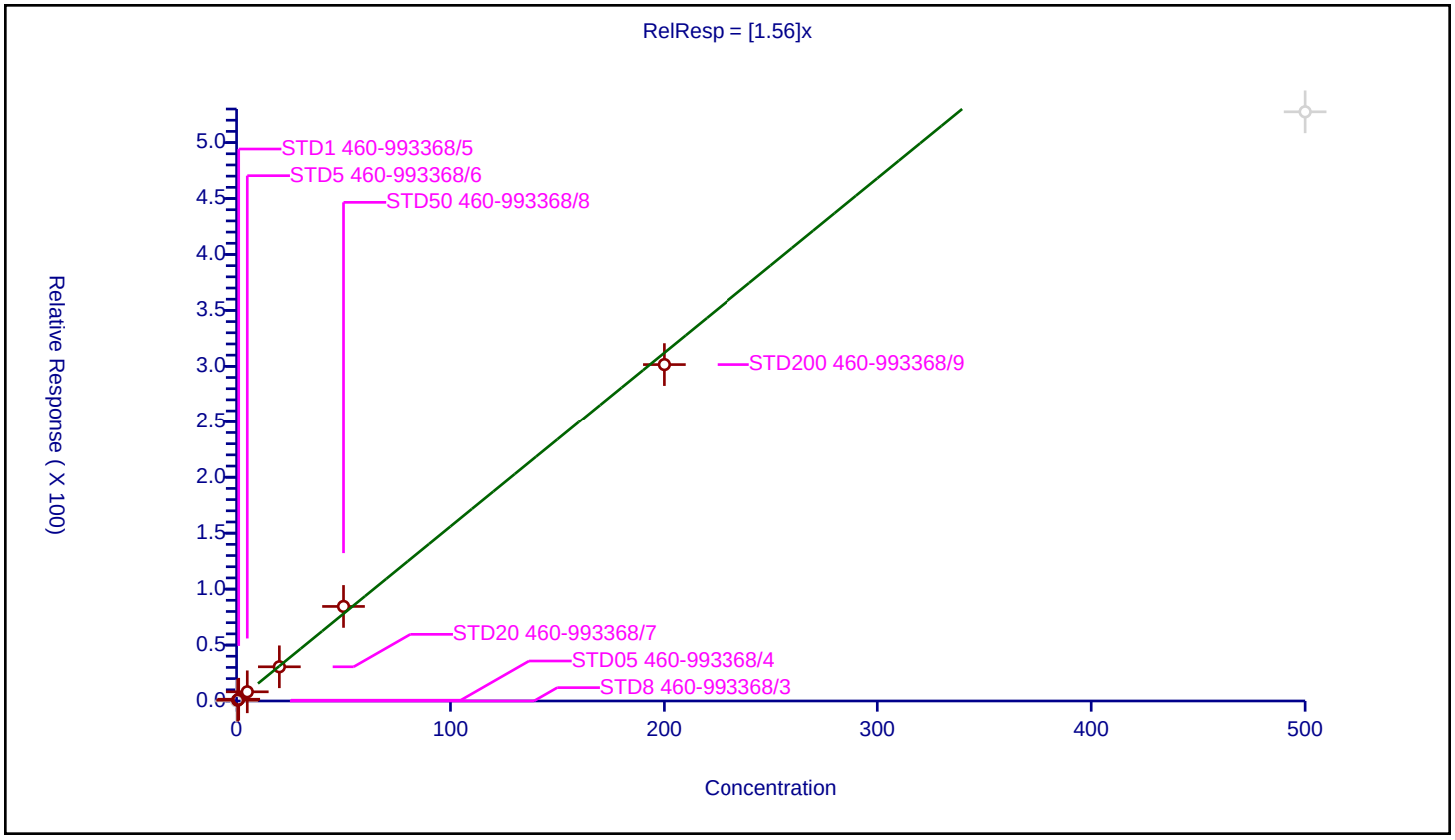
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.71044	50.0	296084.0	1.420881	Y
3	STD1 460-993368/5	1.0	1.571573	50.0	294482.0	1.571573	Y
4	STD5 460-993368/6	5.0	8.216929	50.0	301749.0	1.643386	Y
5	STD20 460-993368/7	20.0	30.56615	50.0	297836.0	1.528308	Y
6	STD50 460-993368/8	50.0	84.50804	50.0	308318.0	1.690161	Y
7	STD200 460-993368/9	200.0	301.57683	50.0	322863.0	1.507884	Y
8	STD500 460-993368/10	500.0	527.503319	50.0	330651.0	1.055007	N



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

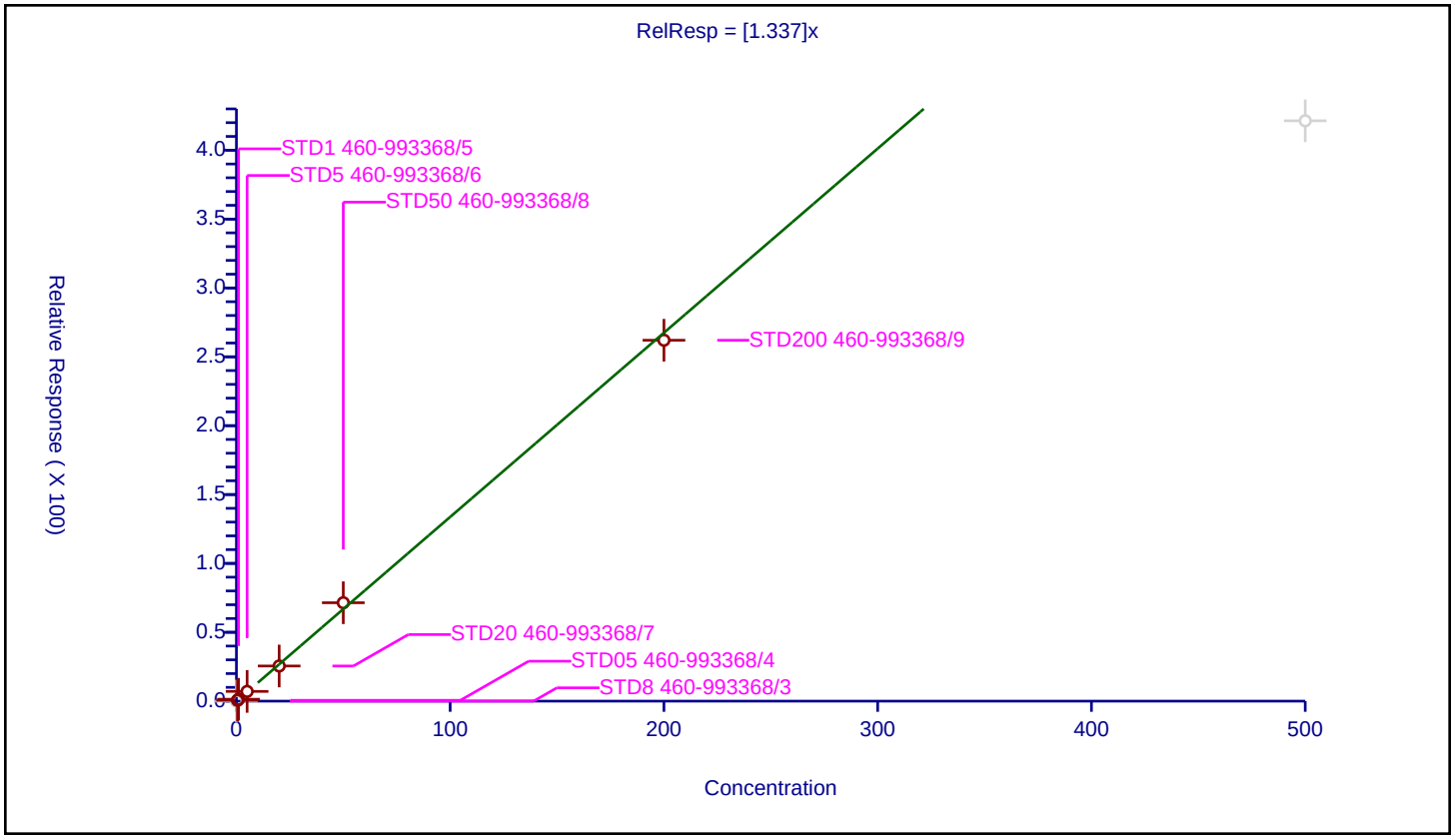
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.60422	50.0	296084.0	1.208441	Y
3	STD1 460-993368/5	1.0	1.38837	50.0	294482.0	1.38837	Y
4	STD5 460-993368/6	5.0	7.059013	50.0	301749.0	1.411803	Y
5	STD20 460-993368/7	20.0	25.521428	50.0	297836.0	1.276071	Y
6	STD50 460-993368/8	50.0	71.44831	50.0	308318.0	1.428966	Y
7	STD200 460-993368/9	200.0	262.042105	50.0	322863.0	1.310211	Y
8	STD500 460-993368/10	500.0	421.353028	50.0	330651.0	0.842706	N



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

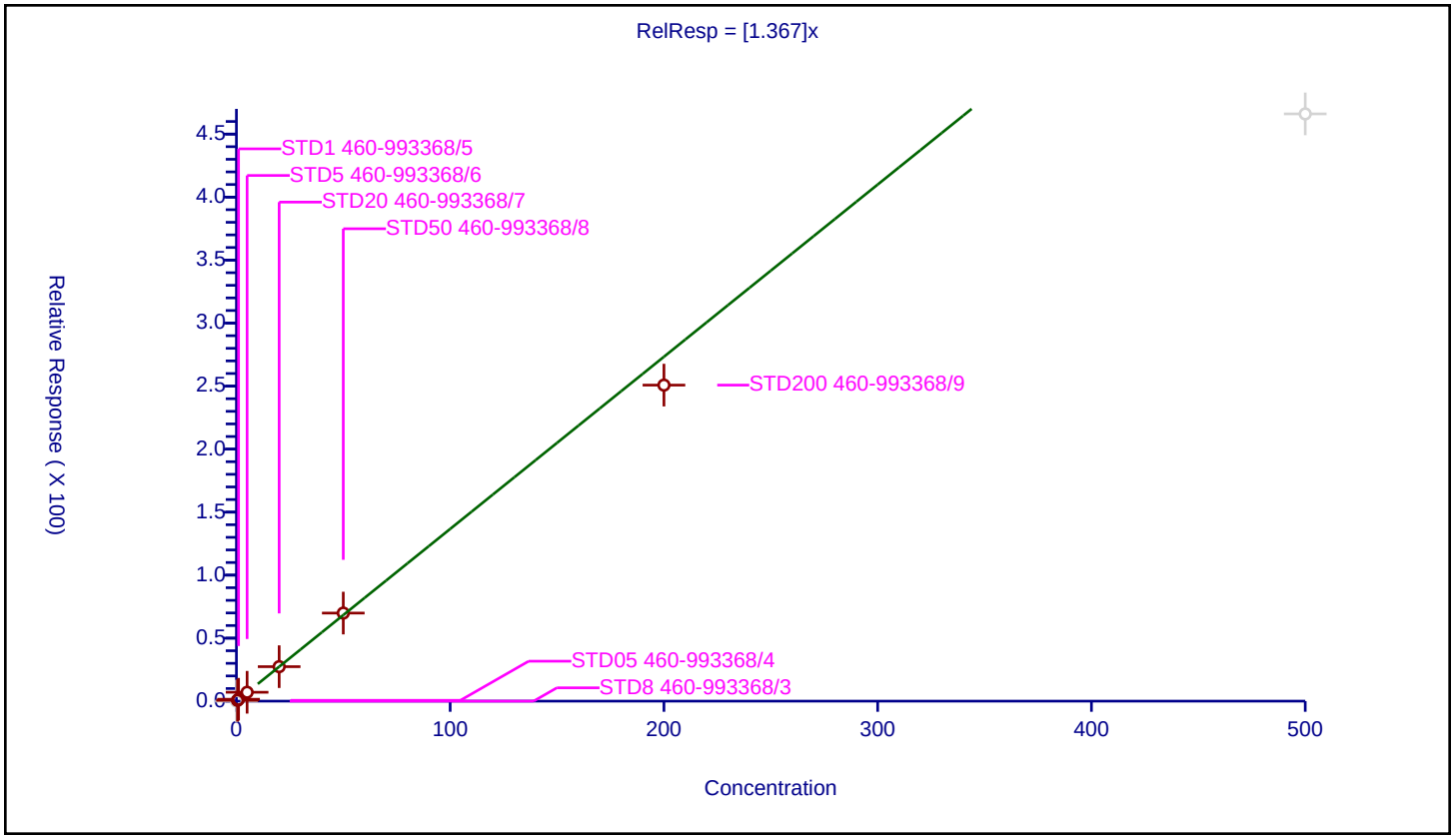
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.637995	50.0	296084.0	1.275989	Y
3	STD1 460-993368/5	1.0	1.495338	50.0	294482.0	1.495338	Y
4	STD5 460-993368/6	5.0	7.041448	50.0	301749.0	1.40829	Y
5	STD20 460-993368/7	20.0	27.360192	50.0	297836.0	1.36801	Y
6	STD50 460-993368/8	50.0	69.877043	50.0	308318.0	1.397541	Y
7	STD200 460-993368/9	200.0	250.791667	50.0	322863.0	1.253958	Y
8	STD500 460-993368/10	500.0	466.016737	50.0	330651.0	0.932033	N



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

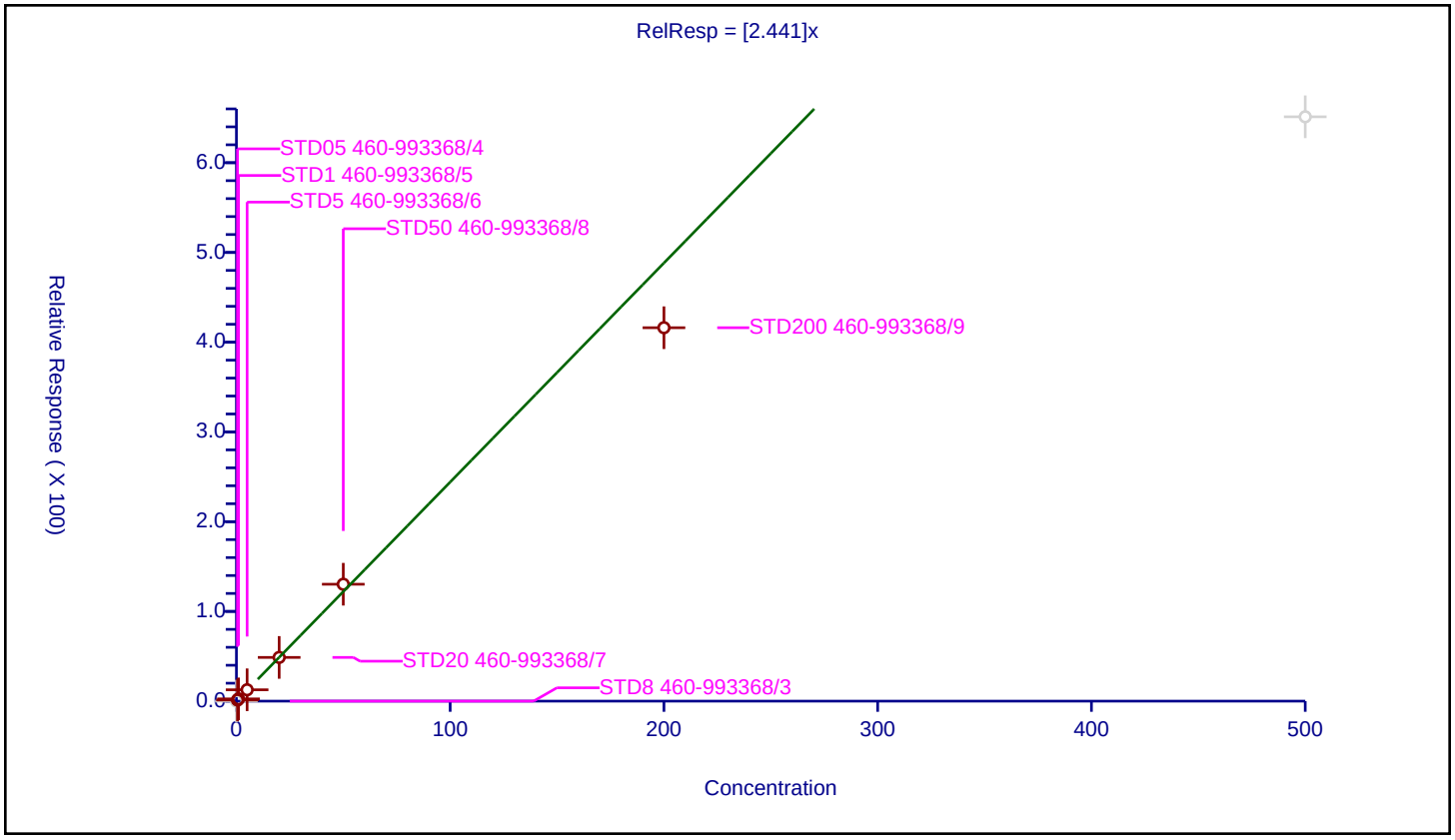
Curve Coefficients

Intercept:	0
Slope:	2.441

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.249476	50.0	296084.0	2.498953	Y
3	STD1 460-993368/5	1.0	2.496248	50.0	294482.0	2.496248	Y
4	STD5 460-993368/6	5.0	12.653894	50.0	301749.0	2.530779	Y
5	STD20 460-993368/7	20.0	48.730006	50.0	297836.0	2.4365	Y
6	STD50 460-993368/8	50.0	130.27037	50.0	308318.0	2.605407	Y
7	STD200 460-993368/9	200.0	416.152052	50.0	322863.0	2.08076	Y
8	STD500 460-993368/10	500.0	651.192798	50.0	330651.0	1.302386	N



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

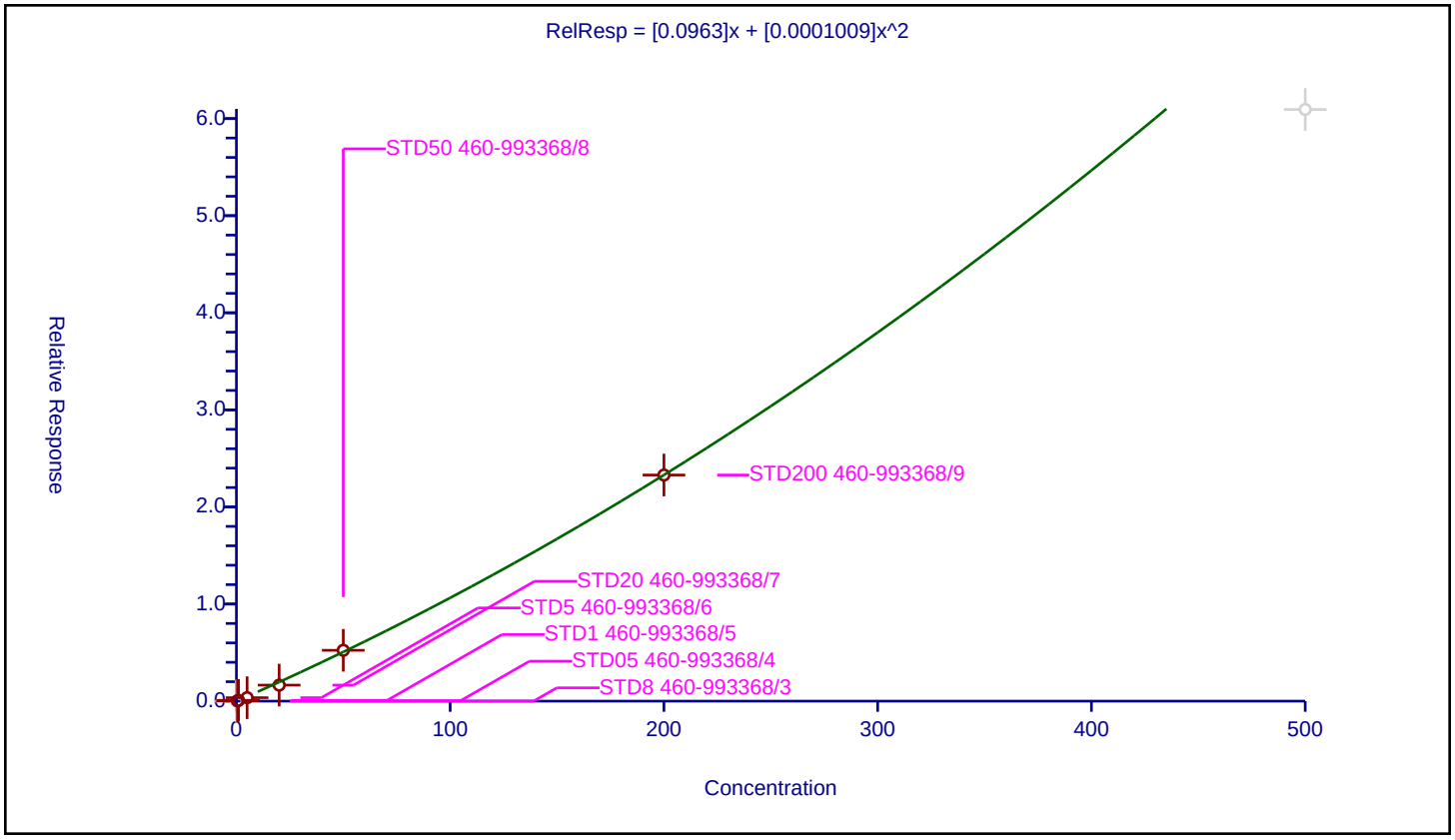
Curve Coefficients

Intercept:	0
Slope:	0.0963
Second Order:	0.0001009

Error Coefficients

Relative Standard Deviation:	23.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.033099	50.0	296084.0	0.066197	Y
3	STD1 460-993368/5	1.0	0.08082	50.0	294482.0	0.08082	Y
4	STD5 460-993368/6	5.0	0.355262	50.0	301749.0	0.071052	Y
5	STD20 460-993368/7	20.0	1.650069	50.0	297836.0	0.082503	Y
6	STD50 460-993368/8	50.0	5.236477	50.0	308318.0	0.10473	Y
7	STD200 460-993368/9	200.0	23.28929	50.0	322863.0	0.116446	Y
8	STD500 460-993368/10	500.0	60.937968	50.0	330651.0	0.121876	N



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

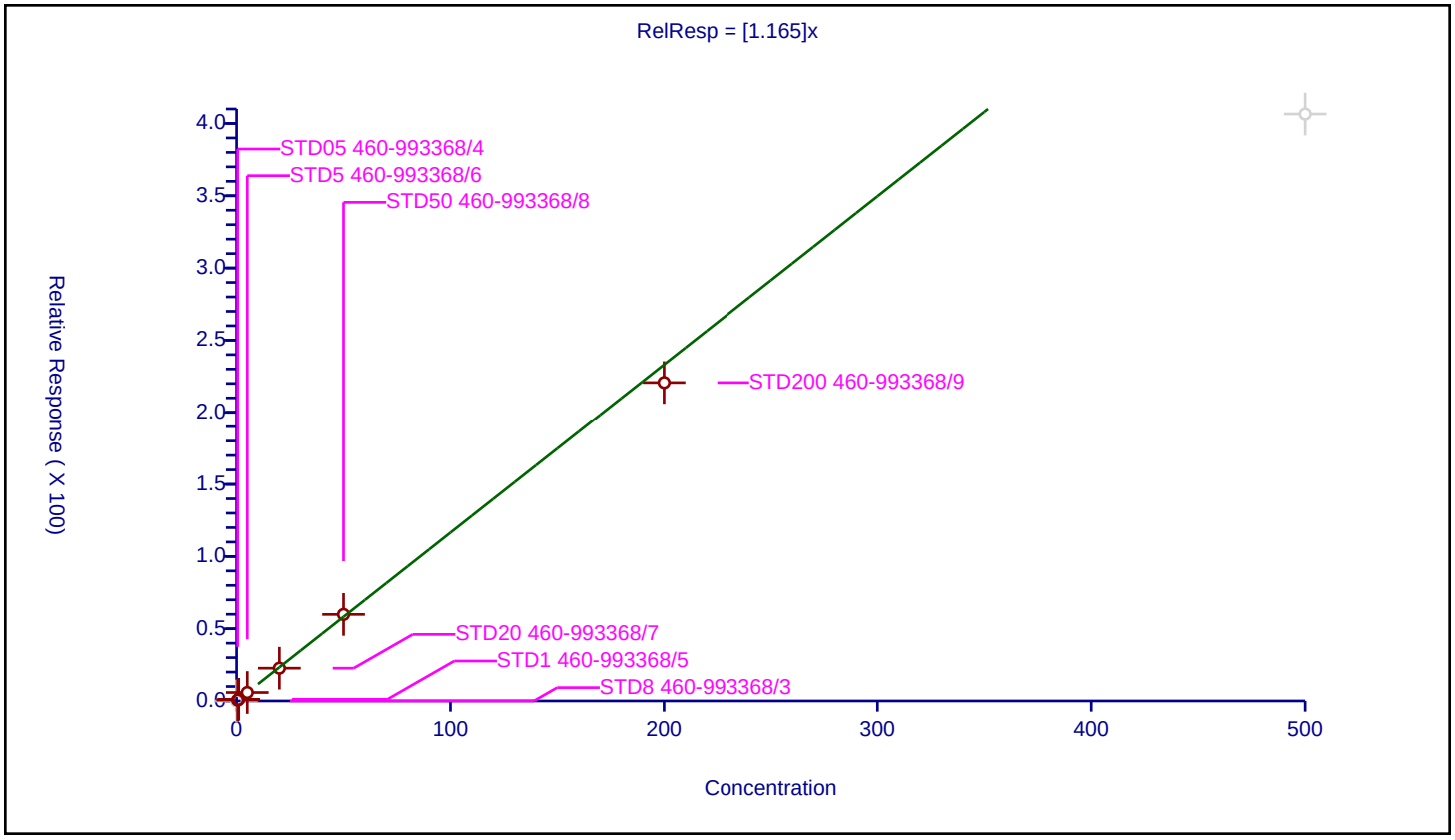
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.61621	50.0	296084.0	1.232421	Y
3	STD1 460-993368/5	1.0	1.152023	50.0	294482.0	1.152023	Y
4	STD5 460-993368/6	5.0	5.860997	50.0	301749.0	1.172199	Y
5	STD20 460-993368/7	20.0	22.691851	50.0	297836.0	1.134593	Y
6	STD50 460-993368/8	50.0	59.922061	50.0	308318.0	1.198441	Y
7	STD200 460-993368/9	200.0	220.645754	50.0	322863.0	1.103229	Y
8	STD500 460-993368/10	500.0	406.506861	50.0	330651.0	0.813014	N



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

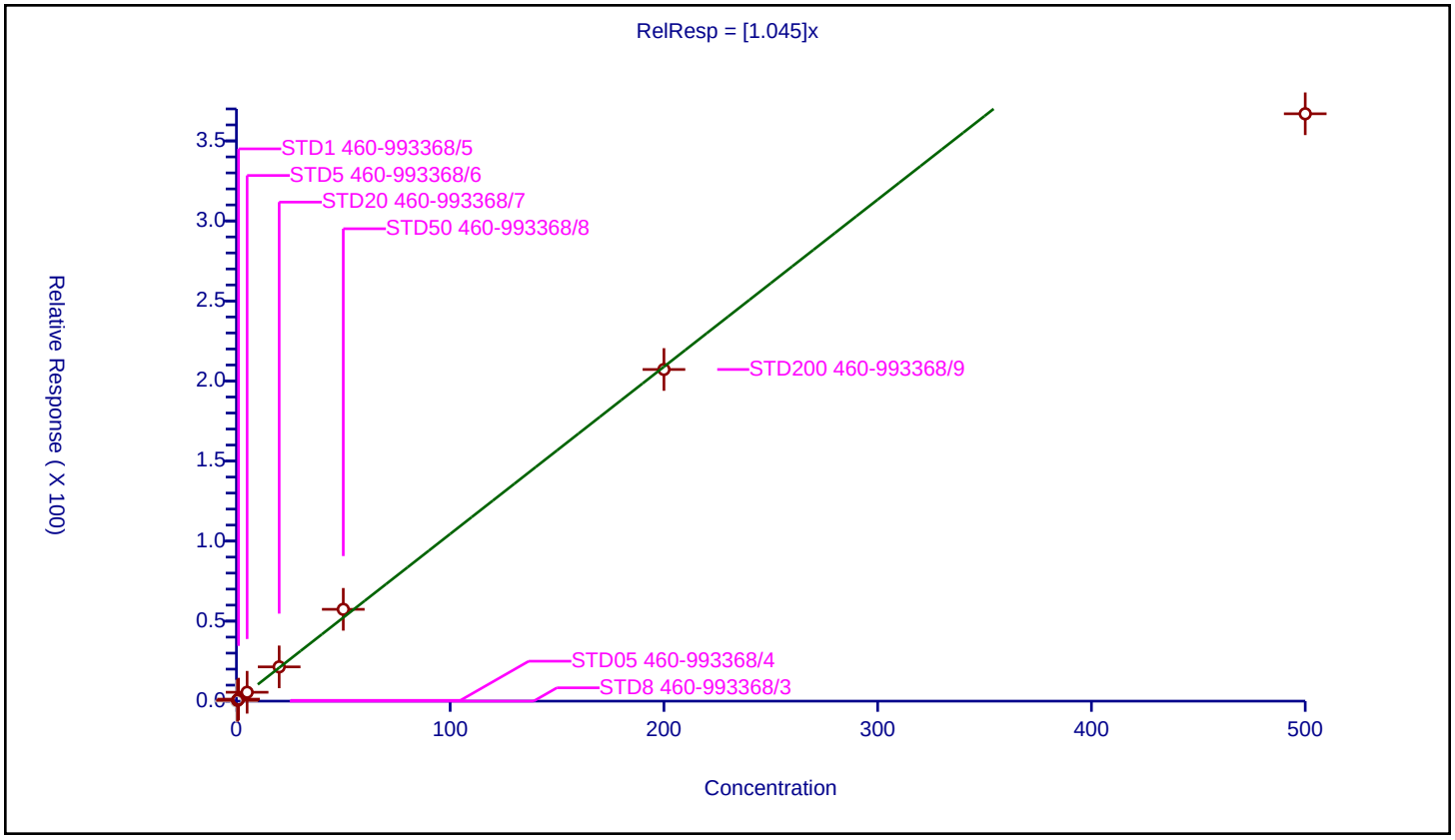
Curve Coefficients

Intercept:	0
Slope:	1.045

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.488544	50.0	296084.0	0.977088	Y
3	STD1 460-993368/5	1.0	1.237936	50.0	294482.0	1.237936	Y
4	STD5 460-993368/6	5.0	5.543349	50.0	301749.0	1.10867	Y
5	STD20 460-993368/7	20.0	21.409937	50.0	297836.0	1.070497	Y
6	STD50 460-993368/8	50.0	57.369502	50.0	308318.0	1.14739	Y
7	STD200 460-993368/9	200.0	207.203984	50.0	322863.0	1.03602	Y
8	STD500 460-993368/10	500.0	366.962749	50.0	330651.0	0.733925	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

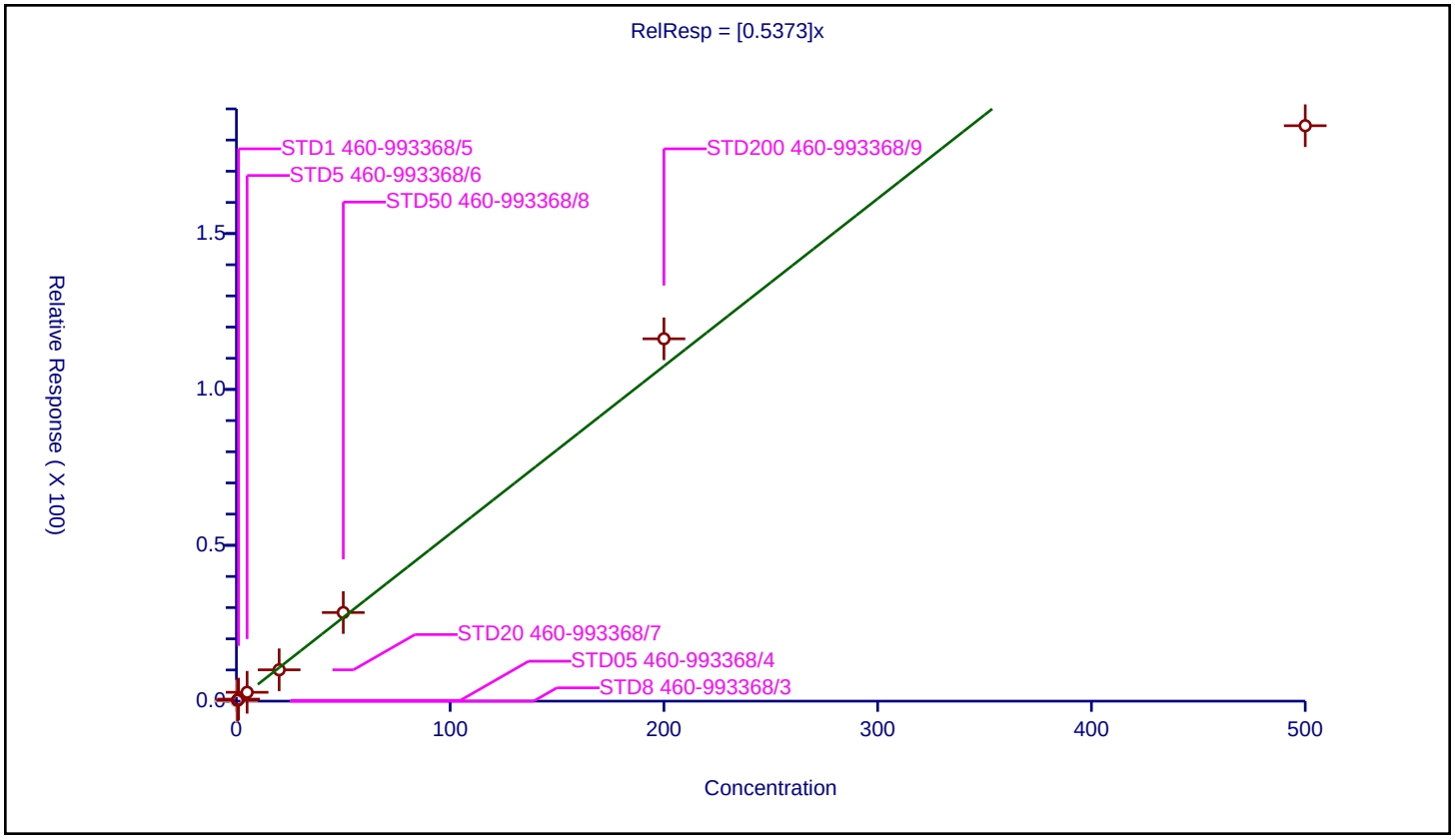
Curve Coefficients

Intercept:	0
Slope:	0.5373

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.263101	50.0	296084.0	0.526202	Y
3	STD1 460-993368/5	1.0	0.644522	50.0	294482.0	0.644522	Y
4	STD5 460-993368/6	5.0	2.844914	50.0	301749.0	0.568983	Y
5	STD20 460-993368/7	20.0	10.051673	50.0	297836.0	0.502584	Y
6	STD50 460-993368/8	50.0	28.430387	50.0	308318.0	0.568608	Y
7	STD200 460-993368/9	200.0	116.243732	50.0	322863.0	0.581219	Y
8	STD500 460-993368/10	500.0	184.598111	50.0	330651.0	0.369196	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

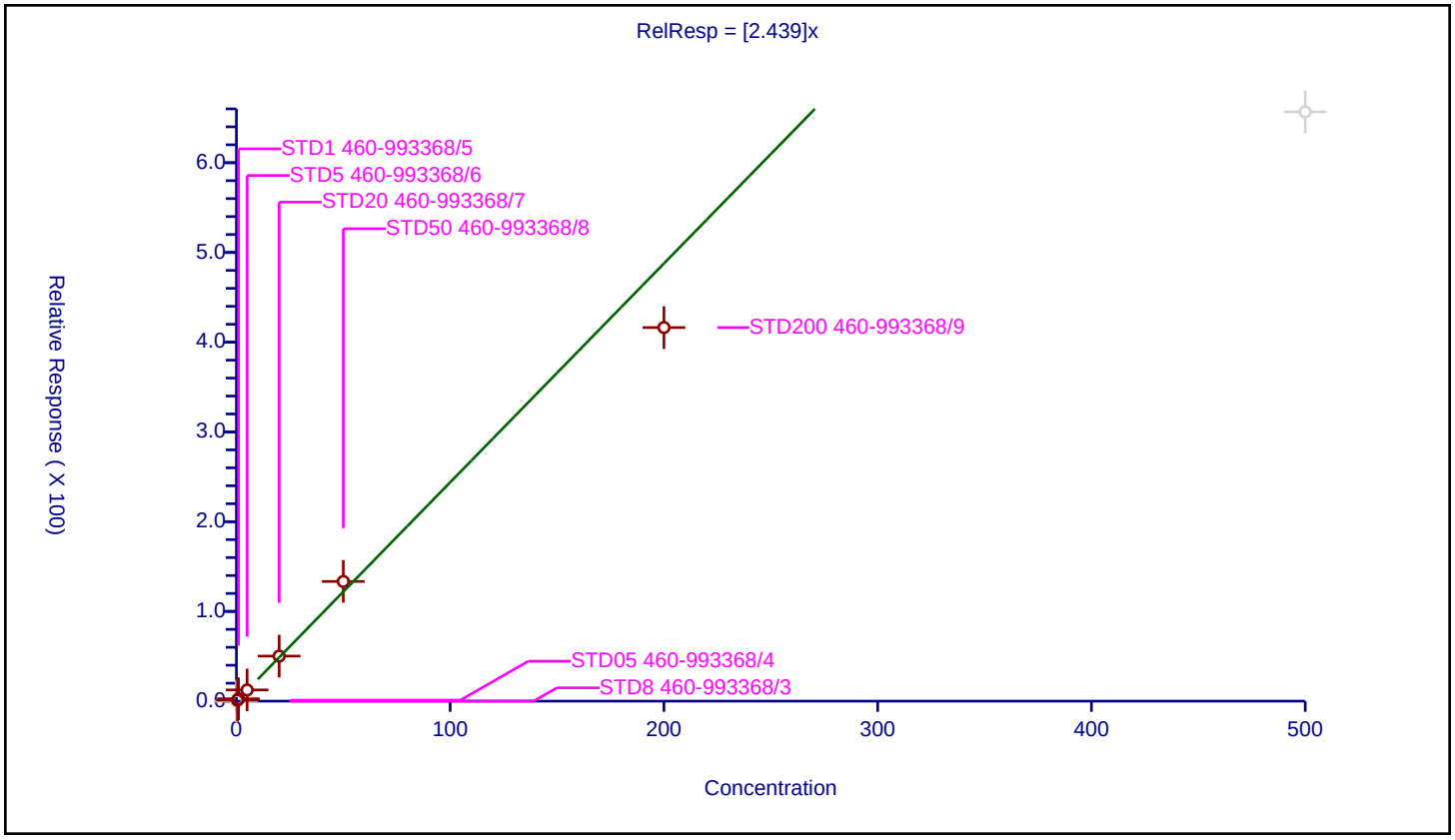
Curve Coefficients

Intercept:	0
Slope:	2.439

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.123668	50.0	296084.0	2.247335	Y
3	STD1 460-993368/5	1.0	2.630381	50.0	294482.0	2.630381	Y
4	STD5 460-993368/6	5.0	12.474109	50.0	301749.0	2.494822	Y
5	STD20 460-993368/7	20.0	50.206657	50.0	297836.0	2.510333	Y
6	STD50 460-993368/8	50.0	133.378363	50.0	308318.0	2.667567	Y
7	STD200 460-993368/9	200.0	416.323332	50.0	322863.0	2.081617	Y
8	STD500 460-993368/10	500.0	656.665034	50.0	330651.0	1.31333	N



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

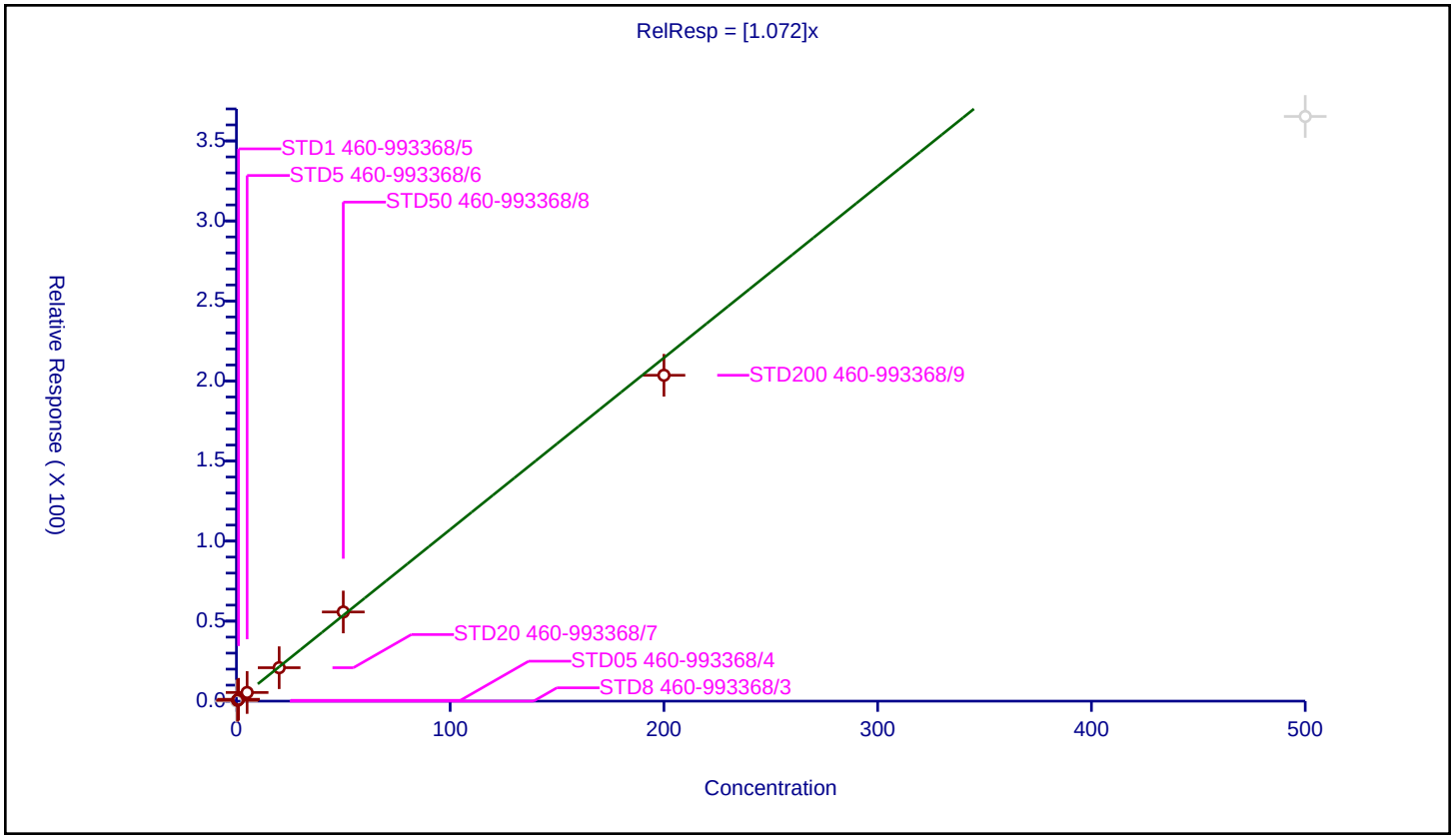
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.51455	50.0	296084.0	1.0291	Y
3	STD1 460-993368/5	1.0	1.147948	50.0	294482.0	1.147948	Y
4	STD5 460-993368/6	5.0	5.404823	50.0	301749.0	1.080965	Y
5	STD20 460-993368/7	20.0	20.883976	50.0	297836.0	1.044199	Y
6	STD50 460-993368/8	50.0	55.705797	50.0	308318.0	1.114116	Y
7	STD200 460-993368/9	200.0	203.597191	50.0	322863.0	1.017986	Y
8	STD500 460-993368/10	500.0	365.278496	50.0	330651.0	0.730557	N



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0220		9.36	20.0	-53.2*	30.0
1,1-Difluoroethane	Ave	0.1265	0.1012		16.0	20.0	-20.0	30.0
Dichlorodifluoromethane	Ave	0.3006	0.2122	0.1000	14.1	20.0	-29.4	30.0
Chlorodifluoromethane	QuaF		0.0280		15.5	20.0	-22.6	30.0
Chloromethane	Ave	0.3602	0.3341	0.1000	18.5	20.0	-7.3	30.0
Vinyl chloride	Ave	0.3161	0.3224	0.1000	20.4	20.0	2.0	30.0
Butadiene	Ave	0.2969	0.2930		19.7	20.0	-1.3	30.0
Bromomethane	Ave	0.2231	0.2356	0.1000	21.1	20.0	5.6	30.0
Chloroethane	Ave	0.2083	0.1828	0.1000	17.5	20.0	-12.3	30.0
Dichlorofluoromethane	Ave	0.5320	0.5270		19.8	20.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.3198	0.2977	0.1000	18.6	20.0	-6.9	30.0
Pentane	QuaF		0.0182		19.5	40.0	-51.3*	30.0
Ethanol	Lin2		0.3873		770	800	-3.7	30.0
Ethyl ether	Lin2		0.1566		20.3	20.0	1.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2078	0.1704		16.4	20.0	-18.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2015	0.1866		18.5	20.0	-7.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3554	0.3122		17.6	20.0	-12.2	30.0
Acrolein	Ave	0.0430	0.0312		28.7	39.5	-27.4	30.0
Freon TF	Ave	0.1940	0.1421	0.1000	14.6	20.0	-26.8	30.0
1,1-Dichloroethene	Ave	0.2362	0.2094	0.1000	17.7	20.0	-11.3	30.0
Acetone	Ave	0.7188	0.6620	0.0500	92.1	100	-7.9	30.0
Iodomethane	Ave	0.4063	0.4020		19.8	20.0	-1.1	30.0
Isopropyl alcohol	Ave	4.067	3.807		187	200	-6.4	30.0
Carbon disulfide	Ave	0.8445	0.7337	0.1000	17.4	20.0	-13.1	30.0
3-Chloro-1-propene	Ave	0.1606	0.1659		20.7	20.0	3.3	30.0
Methyl acetate	Ave	0.1987	0.2032	0.1000	40.9	40.0	2.3	30.0
Cyclopentene	Ave	0.4960	0.3905		15.7	20.0	-21.3	30.0
Acetonitrile	Ave	0.3112	0.2211		142	200	-29.0	30.0
Methylene Chloride	Ave	0.2927	0.2904	0.1000	19.8	20.0	-0.8	30.0
2-Methyl-2-propanol	Ave	6.505	6.231		192	200	-4.2	30.0
MTBE	Ave	0.7287	0.7343	0.1000	20.2	20.0	0.8	30.0
trans-1,2-Dichloroethene	Ave	0.2540	0.2594	0.1000	20.4	20.0	2.1	30.0
Acrylonitrile	Ave	0.0983	0.1065		217	200	8.4	30.0
Hexane	Ave	0.2656	0.1840		13.9	20.0	-30.7*	30.0
Isopropyl ether	Ave	0.8766	0.9168		20.9	20.0	4.6	30.0
1,1-Dichloroethane	Ave	0.4711	0.4875	0.2000	20.7	20.0	3.5	30.0
Vinyl acetate	Ave	0.3451	0.4628		53.6	40.0	34.1*	30.0
2-Chloro-1,3-butadiene	Ave	0.2130	0.2224		20.9	20.0	4.4	30.0
Tert-butyl ethyl ether	Ave	0.7812	0.8195		21.0	20.0	4.9	30.0
2,2-Dichloropropane	Ave	0.0723	0.0867		24.0	20.0	19.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2875	0.2915	0.1000	20.3	20.0	1.4	30.0
2-Butanone	Ave	0.2625	0.2531	0.0500	96.4	100	-3.6	30.0
Ethyl acetate	Ave	0.2301	0.2460		42.8	40.0	6.9	30.0
Methyl acrylate	Ave	0.2101	0.2256		21.5	20.0	7.4	30.0
Propionitrile	Ave	11.46	10.84		189	200	-5.3	30.0
Chlorobromomethane	Ave	0.1405	0.1383		19.7	20.0	-1.6	30.0
Tetrahydrofuran	Ave	0.3152	0.3139		39.8	40.0	-0.4	30.0
Methacrylonitrile	Ave	0.0993	0.1090		220	200	9.8	30.0
Chloroform	Ave	0.4194	0.4303	0.2000	20.5	20.0	2.6	30.0
Cyclohexane	Ave	0.3244	0.2553	0.1000	15.7	20.0	-21.3	30.0
1,1,1-Trichloroethane	Ave	0.3093	0.3273	0.1000	21.2	20.0	5.8	30.0
Carbon tetrachloride	Ave	0.2043	0.2162	0.1000	21.2	20.0	5.8	30.0
1,1-Dichloropropene	Ave	0.3177	0.3146		19.8	20.0	-1.0	30.0
Isobutyl alcohol	Ave	2.174	2.591		596	500	19.2	30.0
Isooctane	Ave	0.7470	0.5499		14.7	20.0	-26.4	30.0
Benzene	Ave	1.461	1.482	0.5000	20.3	20.0	1.4	30.0
Isopropyl acetate	Ave	0.1306	0.1403		21.5	20.0	7.4	30.0
Tert-amyl methyl ether	Ave	0.7929	0.8103		20.4	20.0	2.2	30.0
1,2-Dichloroethane	Ave	0.3263	0.3107	0.1000	19.0	20.0	-4.8	30.0
n-Heptane	Ave	0.0441	0.0329		14.9	20.0	-25.5	30.0
n-Butanol	Ave	1.455	1.549		532	500	6.4	30.0
Trichloroethene	Ave	0.2372	0.2468	0.2000	20.8	20.0	4.0	30.0
Ethyl acrylate	QuaF		0.0301		15.4	20.0	-22.9	30.0
Methylcyclohexane	Ave	0.3708	0.2864	0.1000	15.4	20.0	-22.8	30.0
1,2-Dichloropropane	Ave	0.2654	0.2785	0.1000	21.0	20.0	5.0	30.0
Methyl methacrylate	Ave	0.0558	0.0611		43.8	40.0	9.6	30.0
1,4-Dioxane	Ave	1.087	1.169		430	400	7.6	30.0
Dibromomethane	Ave	0.1525	0.1597		20.9	20.0	4.7	30.0
n-Propyl acetate	Ave	0.3434	0.3363		19.6	20.0	-2.1	30.0
Bromodichloromethane	Ave	0.2749	0.2893	0.2000	21.1	20.0	5.3	30.0
2-Nitropropane	QuaF		0.0293		36.6	40.0	-8.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1646	0.1642		20.0	20.0	-0.2	30.0
Epichlorohydrin	Ave	0.2121	0.2420		22.8	20.0	14.1	30.0
cis-1,3-Dichloropropene	Ave	0.5312	0.5392	0.2000	20.3	20.0	1.5	30.0
4-Methyl-2-pentanone	Ave	0.8755	0.9246	0.0500	106	100	5.6	30.0
Toluene	Ave	1.570	1.494	0.4000	19.0	20.0	-4.9	30.0
trans-1,3-Dichloropropene	Ave	0.4470	0.5062	0.1000	22.6	20.0	13.2	30.0
Ethyl methacrylate	QuaF		0.4389		18.8	20.0	-5.8	30.0
1,1,2-Trichloroethane	Ave	0.2577	0.2745	0.1000	21.3	20.0	6.5	30.0
Tetrachloroethene	Ave	0.3289	0.3425	0.2000	20.8	20.0	4.1	30.0
1,3-Dichloropropane	Ave	0.5184	0.5519		21.3	20.0	6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.396	1.480	0.0500	106	100	6.0	30.0
n-Butyl acetate	Ave	0.4716	0.5334		22.6	20.0	13.1	30.0
Dibromochloromethane	Ave	0.2453	0.2713	0.1000	22.1	20.0	10.6	30.0
1,2-Dibromoethane	Ave	0.2890	0.3053	0.1000	21.1	20.0	5.6	30.0
Chlorobenzene	Ave	0.9125	0.9679	0.5000	21.2	20.0	6.1	30.0
Ethylbenzene	Ave	0.4930	0.5306	0.1000	21.5	20.0	7.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2656	0.2848		21.4	20.0	7.2	30.0
m-Xylene & p-Xylene	Ave	0.5904	0.6420	0.1000	21.7	20.0	8.7	30.0
o-Xylene	Ave	0.6027	0.6744	0.3000	22.4	20.0	11.9	30.0
n-Butyl acrylate	Ave	0.2000	0.2598		26.0	20.0	29.9	30.0
Styrene	Ave	0.9541	1.079	0.3000	22.6	20.0	13.1	30.0
Bromoform	Qua2		0.1614	0.1000	22.9	20.0	14.4	30.0
Amyl acetate (mixed isomers)	QuaF		1.159		17.9	20.0	-10.6	30.0
Isopropylbenzene	Ave	1.370	1.645	0.1000	24.0	20.0	20.1	30.0
Bromobenzene	Ave	0.7116	0.7634		21.5	20.0	7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6869	0.7844	0.3000	22.8	20.0	14.2	30.0
N-Propylbenzene	Ave	3.228	3.658		22.7	20.0	13.3	30.0
1,2,3-Trichloropropane	Ave	0.1961	0.2098		21.4	20.0	7.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1589	0.1770		22.3	20.0	11.4	30.0
2-Chlorotoluene	Ave	2.266	2.477		21.9	20.0	9.3	30.0
4-Ethyltoluene	Ave	2.704	2.959		21.9	20.0	9.4	30.0
1,3,5-Trimethylbenzene	Ave	2.237	2.513		22.5	20.0	12.3	30.0
4-Chlorotoluene	Ave	2.178	2.351		21.6	20.0	7.9	30.0
Butyl Methacrylate	QuaF		0.7251		16.8	20.0	-16.0	30.0
tert-Butylbenzene	Ave	1.879	2.039		21.7	20.0	8.5	30.0
1,2,4-Trimethylbenzene	Ave	2.330	2.659		22.8	20.0	14.1	30.0
sec-Butylbenzene	Ave	2.850	3.201		22.5	20.0	12.3	30.0
1,3-Dichlorobenzene	Ave	1.391	1.464	0.6000	21.0	20.0	5.2	30.0
4-Isopropyltoluene	Ave	2.442	2.766		22.7	20.0	13.3	30.0
1,4-Dichlorobenzene	Ave	1.387	1.495	0.5000	21.6	20.0	7.8	30.0
1,2,3-Trimethylbenzene	Ave	2.532	2.764		21.8	20.0	9.2	30.0
Benzyl chloride	Ave	0.9797	1.276		26.0	20.0	30.2*	30.0
Indan	Ave	2.407	2.743		22.8	20.0	14.0	30.0
p-Diethylbenzene	Ave	1.560	1.751		22.4	20.0	12.2	30.0
n-Butylbenzene	Ave	1.337	1.503		22.5	20.0	12.4	30.0
1,2-Dichlorobenzene	Ave	1.367	1.461	0.4000	21.4	20.0	6.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.760		22.6	20.0	13.1	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1051	0.0500	21.3	20.0	6.7	30.0
1,3,5-Trichlorobenzene	Ave	1.165	1.249		21.4	20.0	7.2	30.0
1,2,4-Trichlorobenzene	Ave	1.045	1.194	0.2000	22.9	20.0	14.3	30.0
Hexachlorobutadiene	Ave	0.5373	0.5883		21.9	20.0	9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.439	2.728		22.4	20.0	11.9	30.0
1,2,3-Trichlorobenzene	Ave	1.072	1.143		21.3	20.0	6.6	30.0
Monochloropentafluoroethane	QuaF		0.0005		3.40	20.0	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.2420	0.2370		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2861	0.2747		48.0	50.0	-4.0	30.0
Toluene-d8 (Surr)	Ave	1.339	1.350		50.4	50.0	0.8	30.0
Bromofluorobenzene	Ave	0.4204	0.4197		49.9	50.0	-0.2	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Aug-2024 13:25:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0180260-015
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:49:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:49:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	50	7449	20.0	9.36	Ma
2 1,1-Difluoroethane	65	1.326	1.320	0.006	97	34182	20.0	16.0	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	62	71698	20.0	14.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	9473	20.0	15.5	a
6 Chloromethane	50	1.497	1.491	0.006	99	112864	20.0	18.5	
7 Vinyl chloride	62	1.558	1.558	0.000	98	108916	20.0	20.4	
8 Butadiene	54	1.576	1.570	0.006	95	99004	20.0	19.7	
9 Bromomethane	94	1.820	1.820	0.000	98	79604	20.0	21.1	
10 Chloroethane	64	1.881	1.881	0.000	100	61750	20.0	17.5	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	178046	20.0	19.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	61	100567	20.0	18.6	
13 Pentane	72	2.076	2.070	0.006	97	12331	40.0	19.5	
14 Ethanol	46	2.222	2.234	-0.012	81	18462	800.0	770.3	
15 Ethyl ether	74	2.235	2.234	0.001	97	52918	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	57578	20.0	16.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	86	63042	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	105489	20.0	17.6	
19 Acrolein	56	2.393	2.387	0.006	87	20808	39.5	28.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.405	2.411	-0.006	96	47997	20.0	14.6	Ma
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	70764	20.0	17.7	
22 Acetone	43	2.503	2.497	0.006	87	121624	100.0	92.1	
23 Iodomethane	142	2.570	2.570	0.000	96	135803	20.0	19.8	
25 Isopropyl alcohol	45	2.588	2.588	0.000	33	45368	200.0	187.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	247881	20.0	17.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	94	56065	20.0	20.7	
27 Methyl acetate	43	2.722	2.722	0.000	94	137326	40.0	40.9	
28 Cyclopentene	67	2.734	2.734	0.000	94	131949	20.0	15.7	
29 Acetonitrile	41	2.771	2.771	0.000	96	81231	200.0	142.1	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	59584	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	93	98114	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	91	74256	200.0	191.6	a
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	248077	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	87646	20.0	20.4	
35 Acrylonitrile	53	3.070	3.070	0.000	95	359914	200.0	216.8	
36 Hexane	57	3.155	3.155	0.000	94	62178	20.0	13.9	
37 Isopropyl ether	45	3.350	3.356	-0.006	97	309741	20.0	20.9	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	164712	20.0	20.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	34010	40.0	53.6	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	75145	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	276884	20.0	21.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	459314	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	96	29300	20.0	24.0	
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	95	98502	20.0	20.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	46498	100.0	96.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	18081	40.0	42.8	
47 Methyl acrylate	55	3.942	3.941	0.001	100	76238	20.0	21.5	
48 Propionitrile	54	4.009	4.009	0.000	98	129218	200.0	189.3	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	23069	40.0	39.8	
49 Chlorobromomethane	128	4.088	4.088	0.000	85	46740	20.0	19.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	368149	200.0	219.6	
52 Chloroform	83	4.143	4.143	0.000	98	145377	20.0	20.5	
53 Cyclohexane	84	4.265	4.271	-0.006	92	86247	20.0	15.7	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	97	110567	20.0	21.2	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	200194	50.0	49.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	73046	20.0	21.2	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	106287	20.0	19.8	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	93	77191	500.0	595.8	
59 Isooctane	57	4.588	4.582	0.006	95	185791	20.0	14.7	
60 Benzene	78	4.612	4.612	0.000	96	349203	20.0	20.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	232021	50.0	48.0	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	84	273766	20.0	20.4	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	47407	20.0	21.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	104963	20.0	19.0	
65 n-Heptane	100	4.765	4.771	-0.006	93	11109	20.0	14.9	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	844651	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46139	500.0	532.2	
68 Trichloroethene	95	5.228	5.228	0.000	98	83373	20.0	20.8	
69 Methylcyclohexane	83	5.356	5.356	0.000	72	96766	20.0	15.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	10157	20.0	15.4	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	94110	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	41999	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	41289	40.0	43.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	89	19644	400.0	430.4	
74 Dibromomethane	93	5.636	5.630	0.006	96	53967	20.0	20.9	
76 n-Propyl acetate	43	5.648	5.648	0.000	99	113627	20.0	19.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	97748	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	74	19795	40.0	36.6	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	55487	20.0	20.0	
80 Epichlorohydrin	57	6.222	6.222	0.000	95	8892	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127069	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	169872	100.0	105.6	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	795654	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	352061	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	119300	20.0	22.6	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	103446	20.0	18.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64692	20.0	21.3	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	80711	20.0	20.8	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	130061	20.0	21.3	
90 2-Hexanone	43	7.423	7.423	0.001	97	271899	100.0	106.0	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	125715	20.0	22.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63944	20.0	22.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	97	71962	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	589203	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228111	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	125043	20.0	21.5	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	67114	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	151302	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	95	158952	20.0	22.4	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	61225	20.0	26.0	
101 Styrene	104	9.123	9.123	0.000	95	254388	20.0	22.6	
102 Bromoform	173	9.373	9.367	0.006	98	38032	20.0	22.9	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	90	150882	20.0	17.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	387801	20.0	24.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	247304	50.0	49.9	
106 Bromobenzene	156	9.898	9.898	0.000	98	99409	20.0	21.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	102148	20.0	22.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	476346	20.0	22.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	27321	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23044	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	322576	20.0	21.9	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	385304	20.0	21.9	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327223	20.0	22.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	306106	20.0	21.6	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	94418	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	265568	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	346194	20.0	22.8	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	416833	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	95	190671	20.0	21.0	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	360192	20.0	22.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	325553	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	194671	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	359978	20.0	21.8	
124 Benzyl chloride	91	11.086	11.086	0.000	99	166158	20.0	26.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	357178	20.0	22.8	
126 p-Diethylbenzene	119	11.214	11.214	0.000	94	228010	20.0	22.4	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	195723	20.0	22.5	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	190265	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	359429	20.0	22.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	13680	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	162670	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	155457	20.0	22.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	76610	20.0	21.9	
134 Naphthalene	128	12.775	12.775	0.000	99	355201	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	148812	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	44.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	105.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 05:49:44 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D

Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17

Lims ID: ICV

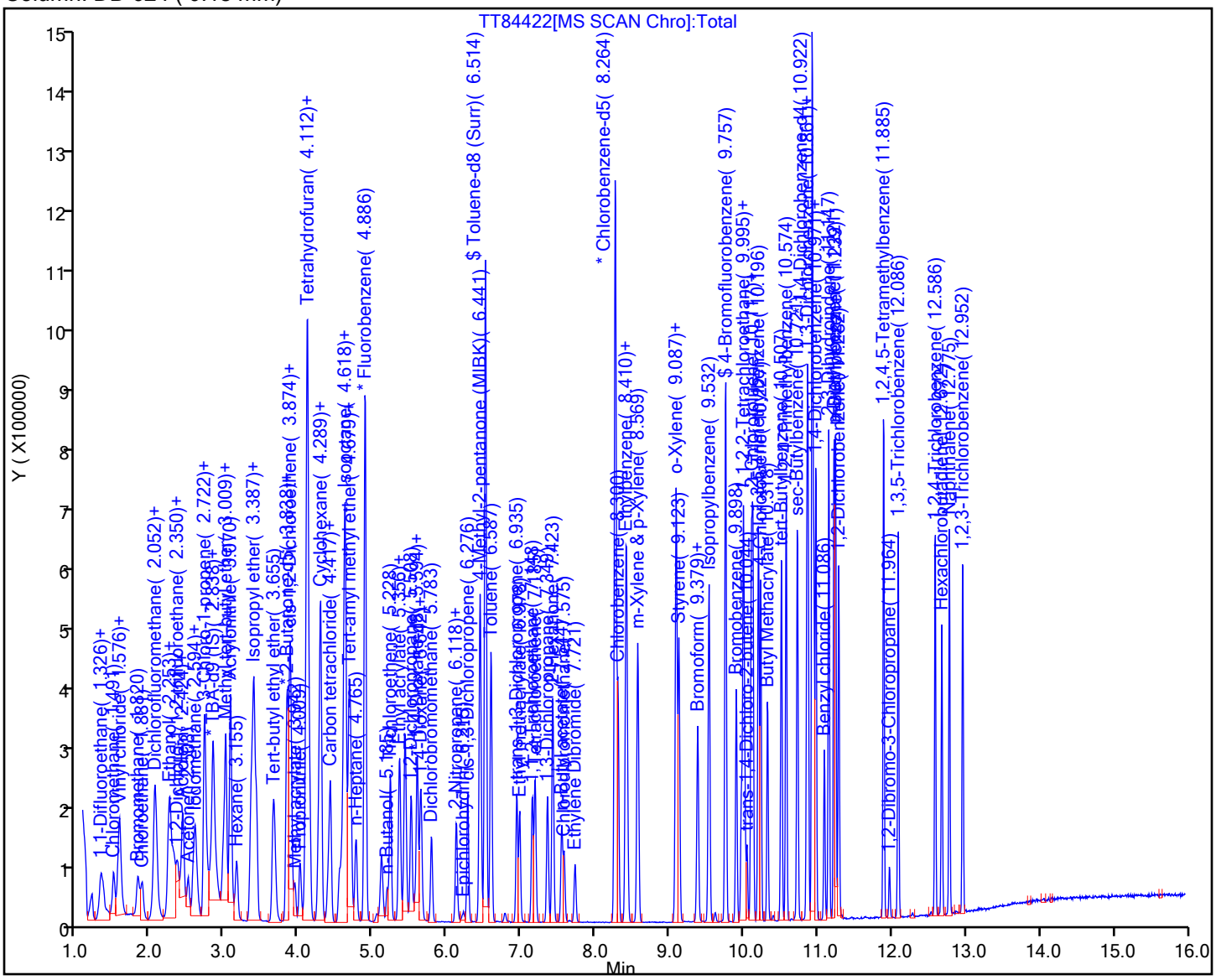
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

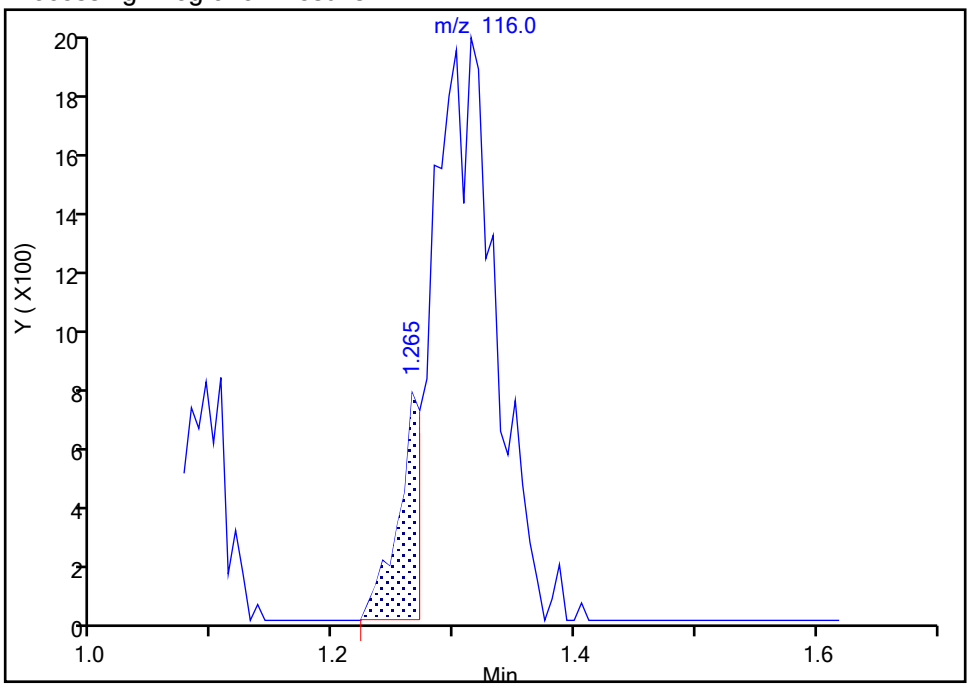
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

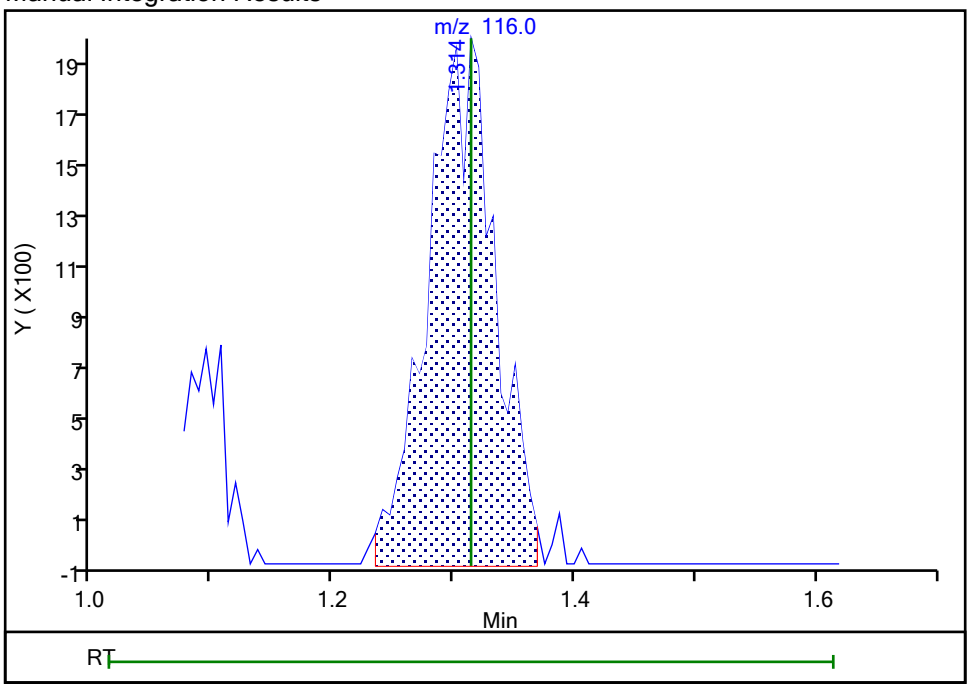
Processing Integration Results

RT: 1.27
Area: 990
Amount: 1.251167
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 7449
Amount: 9.357724
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:47:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

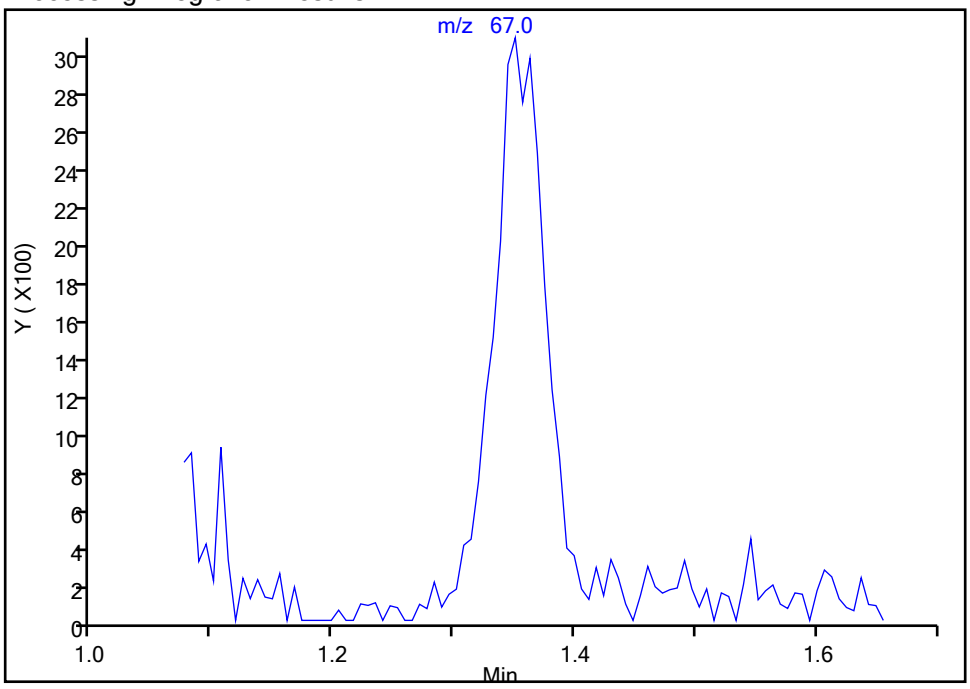
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

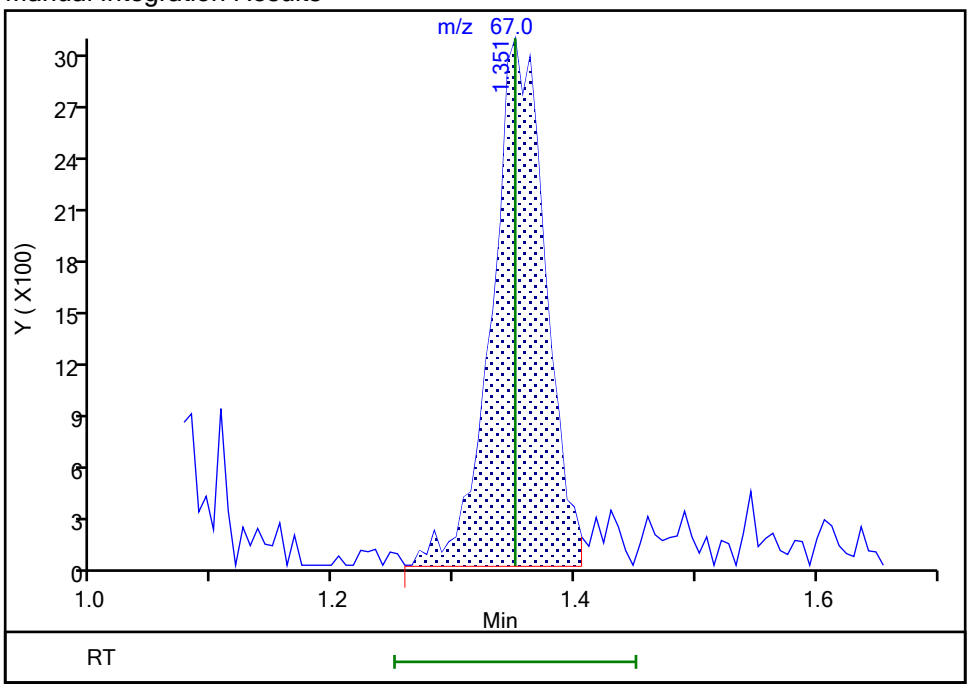
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 9473
Amount: 15.471255
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:41:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

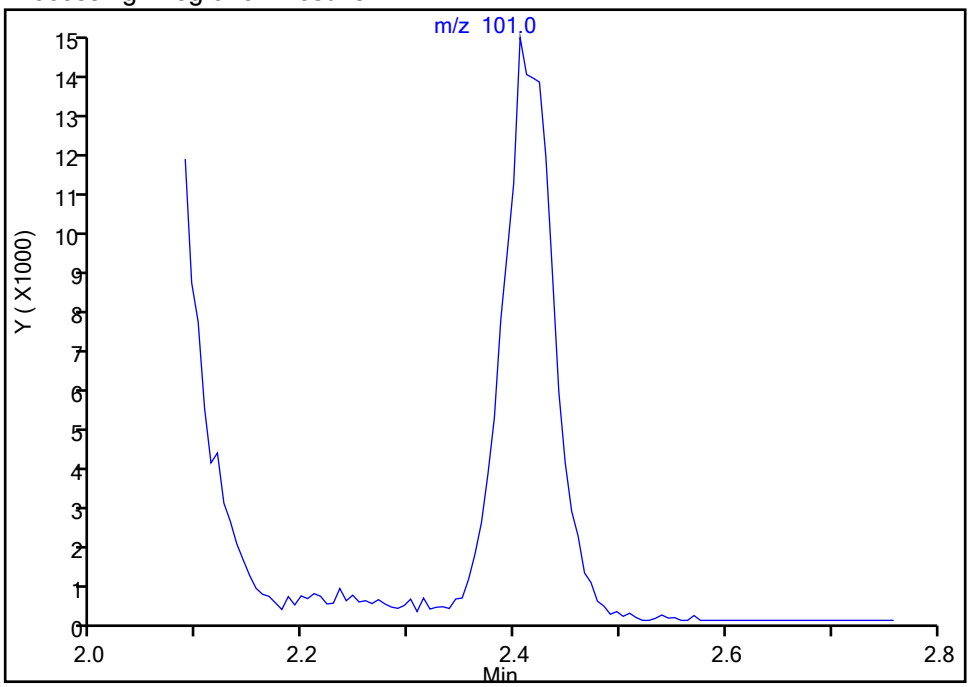
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

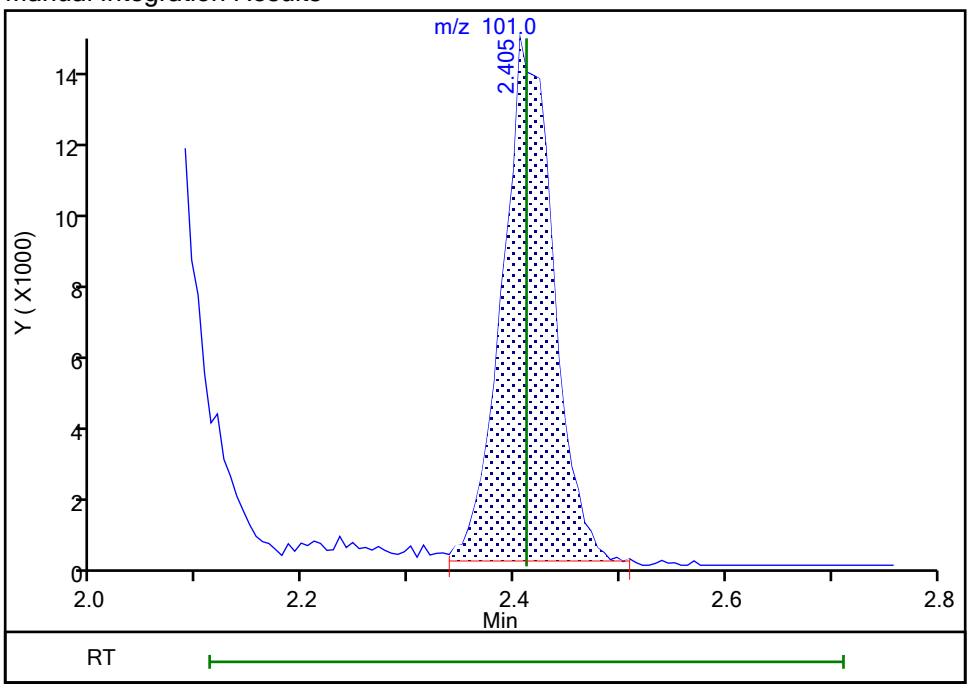
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.41
Area: 47997
Amount: 14.644147
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:43:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

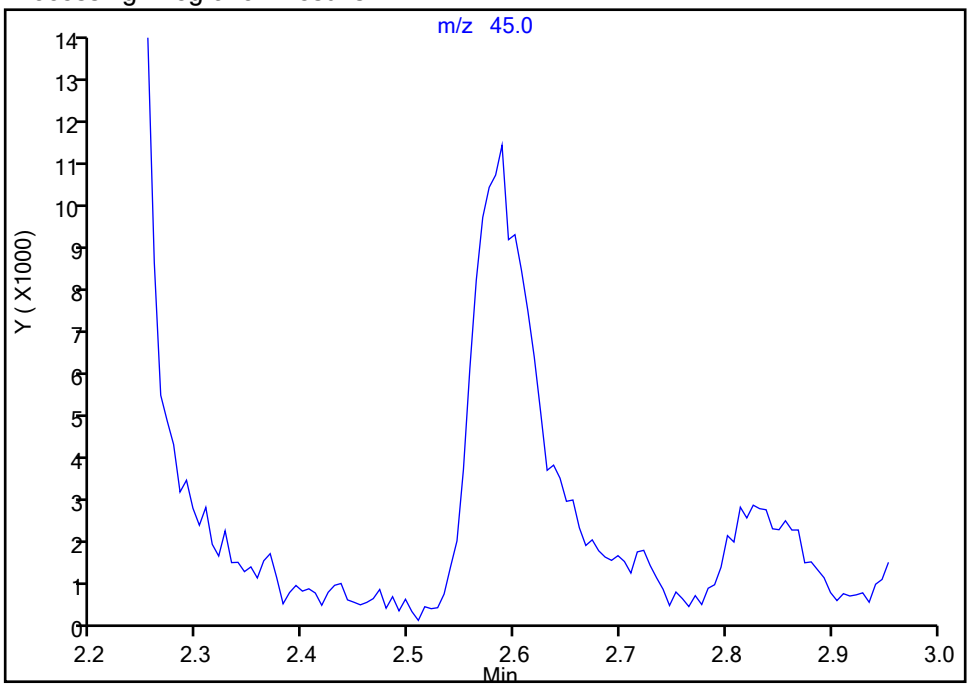
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

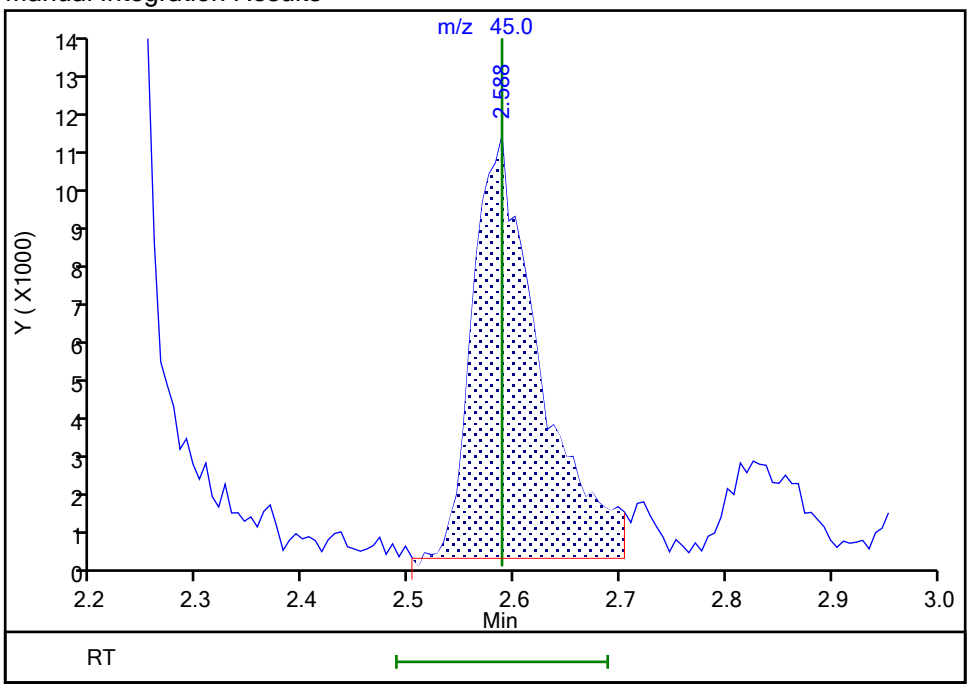
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 45368
Amount: 187.2250
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

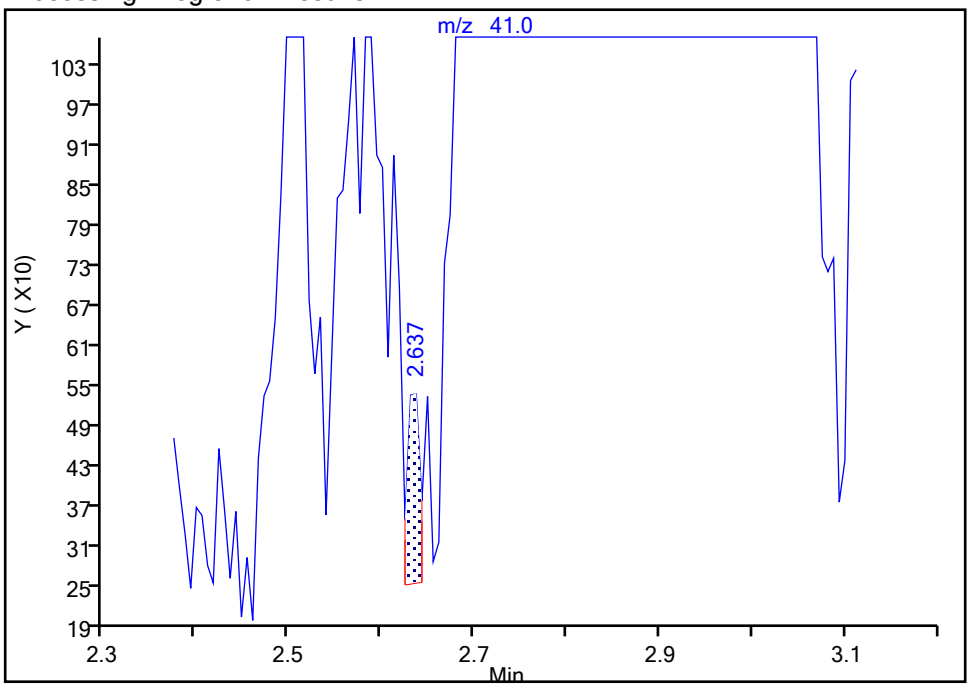
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

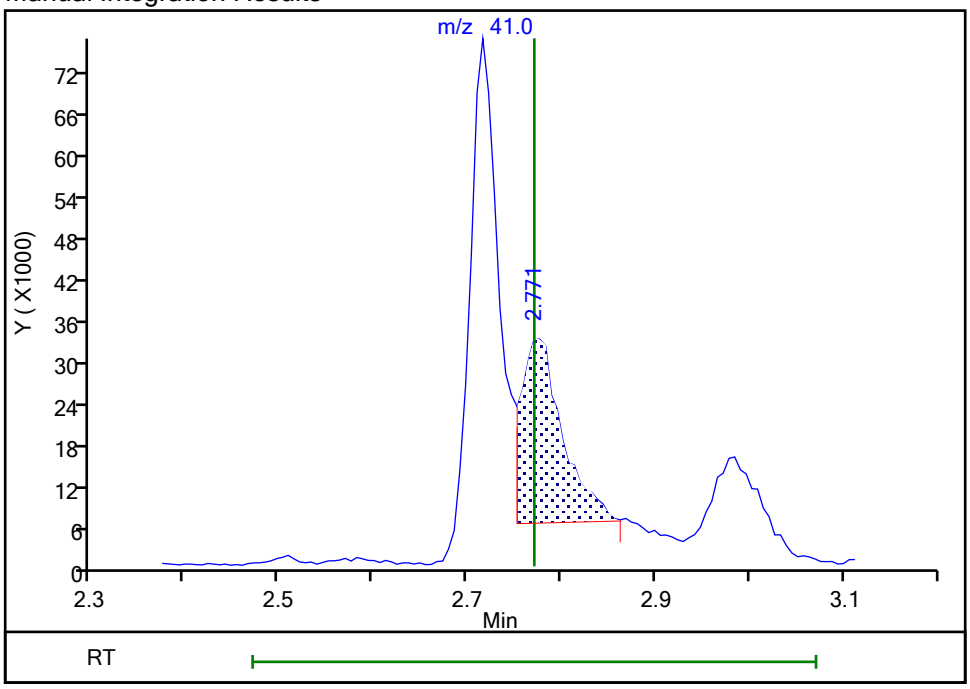
Processing Integration Results

RT: 2.64
Area: 290
Amount: 0.507224
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 81231
Amount: 142.0768
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:49:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

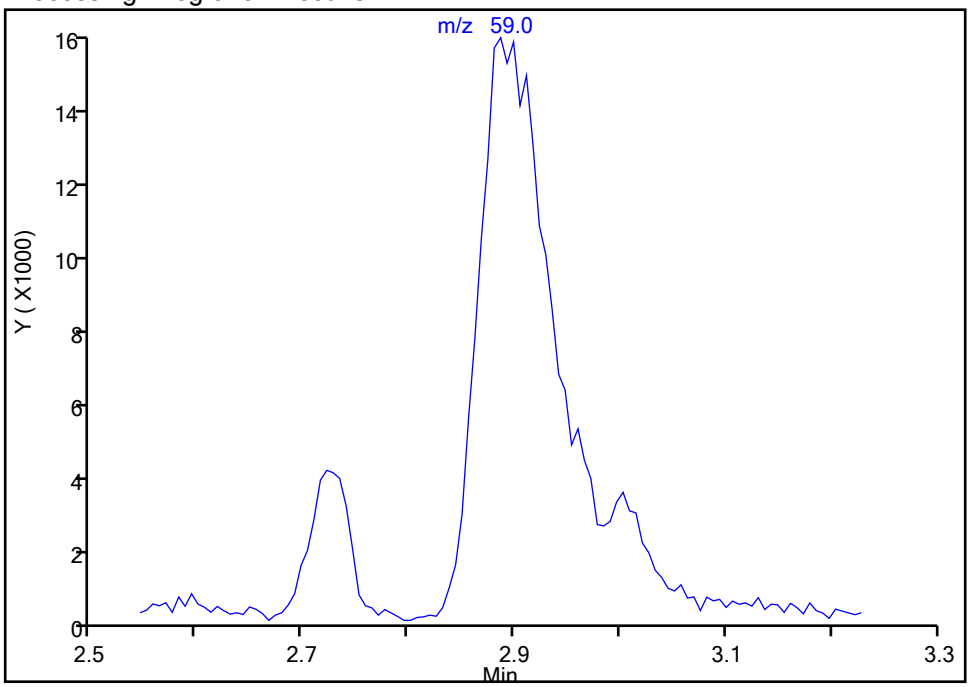
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

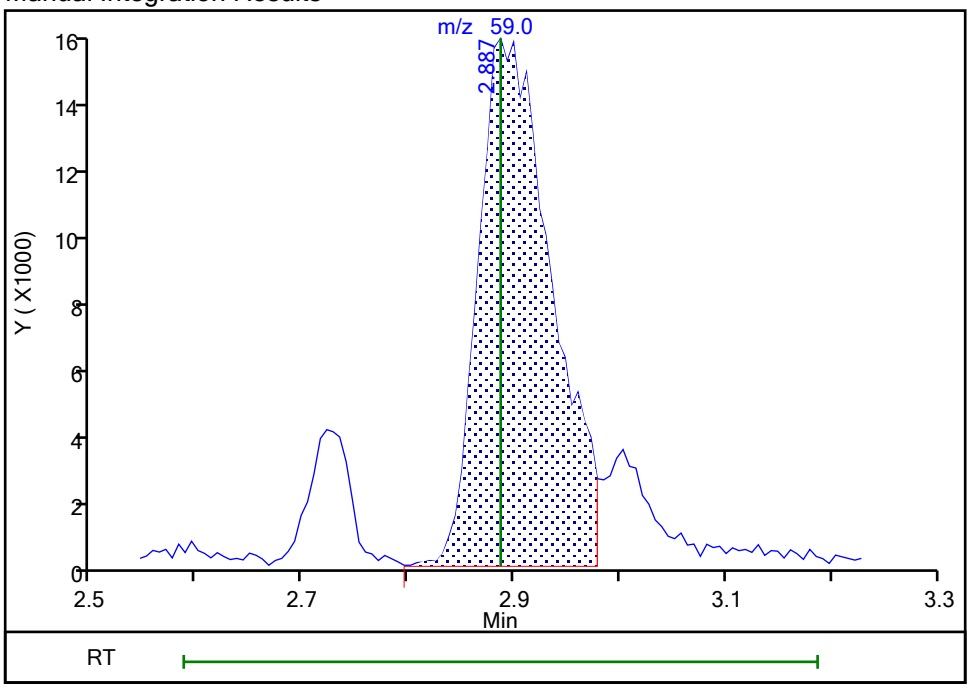
Not Detected
Expected RT: 2.89

Processing Integration Results



Manual Integration Results

RT: 2.89
Area: 74256
Amount: 191.5914
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Aug-2024 07:27:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0180225-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	30-Aug-2024 19:20:49	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1636				
First Level Reviewer: FK2C		Date:	30-Aug-2024 08:28:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

8 - Failed MS Tune Ratio Test

Reagents:

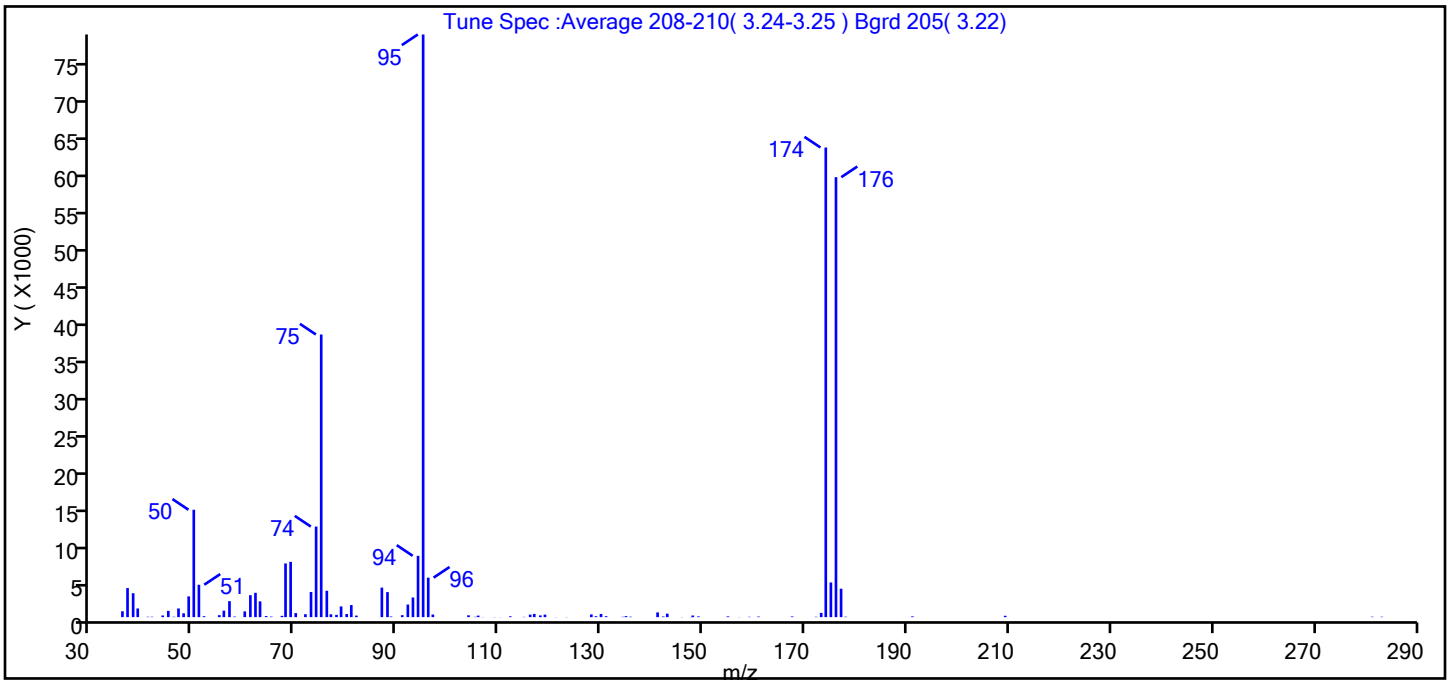
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D
Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (124.1)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.7 (0.9)
174	50 to 200% of m/z 95	80.6
175	5 to 9% of m/z 174	6.0 (7.4)
176	95 to 105% of m/z 174	75.5 (93.7)*
177	5 to 10% of m/z 176	4.9 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D\8260W_17.rslt\spectra.d
Injection Date: 30-Aug-2024 07:27:30
Spectrum: Tune Spec :Average 208-210(3.24-3.25) Bgrd 205(3.22)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	784	65.00	70	96.00	5292	142.00	86
37.00	3897	67.00	174	97.00	352	143.00	468
38.00	3207	68.00	7196	104.00	245	146.00	20
39.00	1163	69.00	7416	105.00	47	148.00	20
41.00	51	70.00	541	106.00	208	148.00	218
42.00	53	72.00	395	107.00	20	149.00	99
44.00	222	73.00	3367	109.00	22	155.00	102
45.00	843	74.00	12143	110.00	17	157.00	19
46.00	53	75.00	37888	112.00	112	159.00	43
47.00	1165	76.00	3539	115.00	36	161.00	75
48.00	516	77.00	382	116.00	339	167.00	92
49.00	2782	78.00	304	117.00	432	172.00	51
50.00	14395	79.00	1438	118.00	232	173.00	571
51.00	4342	80.00	416	119.00	335	174.00	62952
52.00	125	81.00	1620	121.00	18	175.00	4648
55.00	264	82.00	207	123.00	22	176.00	58976
56.00	872	87.00	3958	128.00	365	177.00	3810
57.00	2142	88.00	3356	129.00	123	178.00	58
58.00	77	89.00	82	130.00	425	191.00	102
60.00	772	91.00	264	131.00	124	209.00	183
61.00	2943	92.00	1690	134.00	47	281.00	60
62.00	3264	93.00	2632	135.00	136	283.00	56
63.00	2117	94.00	8220	136.00	59		
64.00	145	95.00	78104	141.00	634		

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D

Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17

Lims ID: BFB

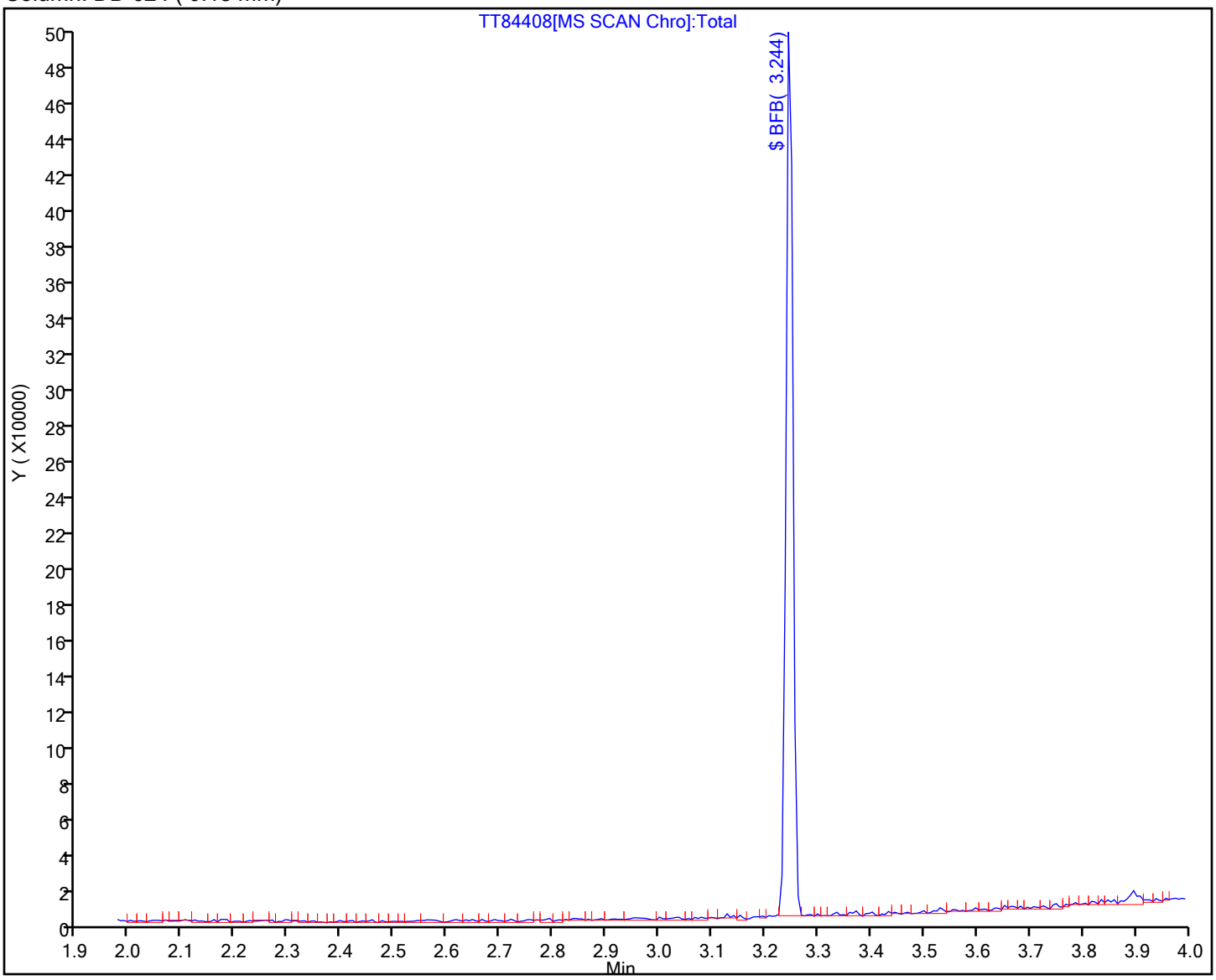
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993368/21

Matrix: Water | Lab File ID: TT84428.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993368/21

Matrix: Water | Lab File ID: TT84428.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2024 15:23:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180260-021
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:36:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	53443	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.844	3.832	0.012	0	444289	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	200811	50.0	49.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	228459	50.0	47.3	
* 66 Fluorobenzene	96	4.892	4.886	0.006	99	843632	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	40433	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	790963	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	589412	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	248190	50.0	50.1	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	321716	50.0	50.0	

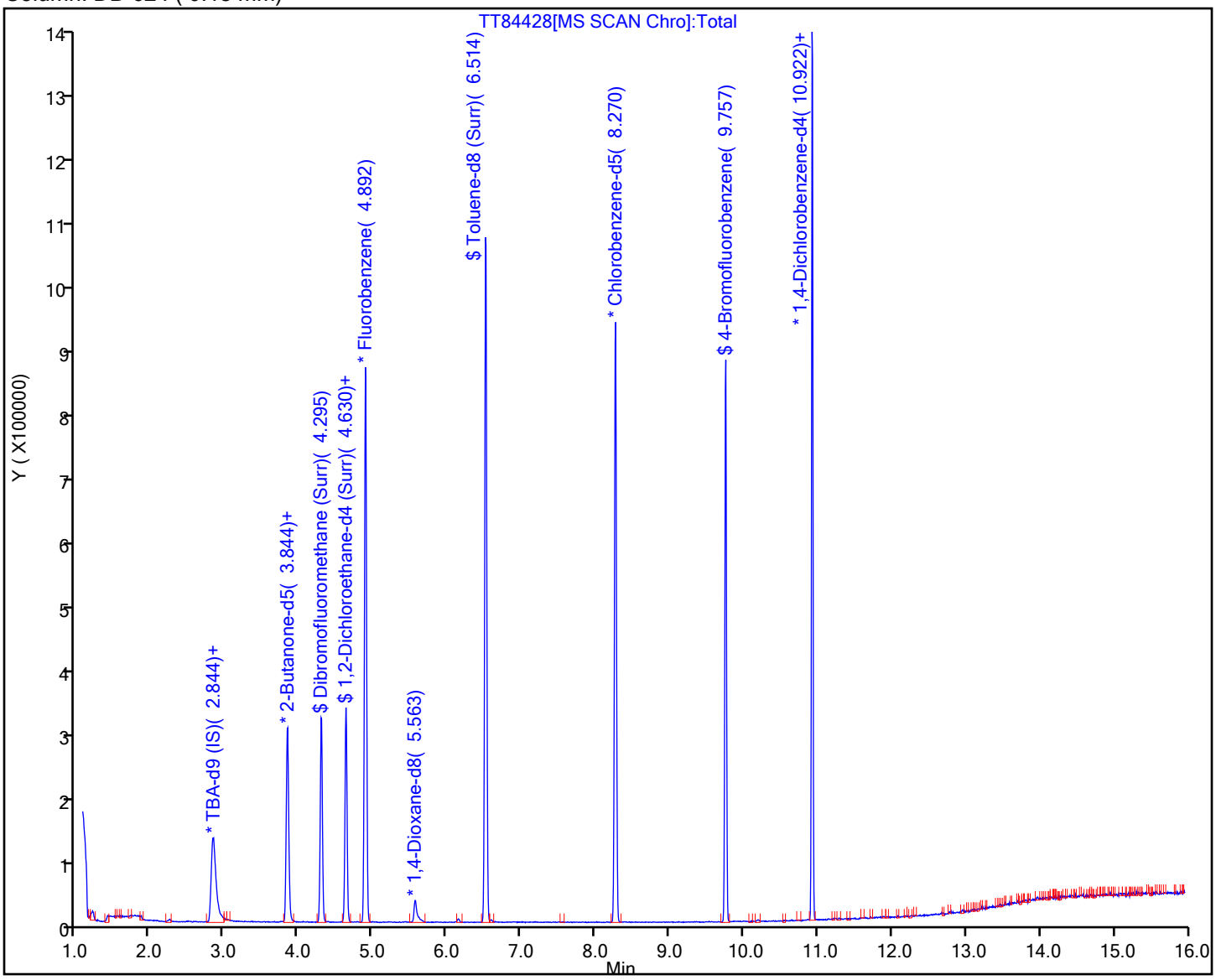
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:16 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Injection Date: 30-Aug-2024 15:23:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Report Date: 31-Aug-2024 06:25:16 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2024 15:23:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180260-021
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:36:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.2	98.37
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.66
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.19
$ 105 4-Bromofluorobenzene	50.0	50.1	100.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993368/17

Matrix: Water | Lab File ID: TT84424.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 14:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.38
106-93-4	1,2-Dibromoethane	20.5		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.21
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	21.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
78-93-3	2-Butanone	97.2		5.0	1.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone	104		5.0	1.3
67-64-1	Acetone	96.2		5.0	4.4
71-43-2	Benzene	20.4		1.0	0.20
75-27-4	Bromodichloromethane	21.1		1.0	0.34
75-25-2	Bromoform	22.4		1.0	0.54
74-83-9	Bromomethane	19.7		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	24.0		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	20.7		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22
110-82-7	Cyclohexane	23.1		1.0	0.32
124-48-1	Dibromochloromethane	21.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	18.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993368/17

Matrix: Water | Lab File ID: TT84424.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 14:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	24.0		1.0	0.31
98-82-8	Isopropylbenzene	24.3		1.0	0.34
108-87-2	Methylcyclohexane	23.6		1.0	0.71
75-09-2	Methylene Chloride	19.3		1.0	0.32
1634-04-4	MTBE	19.9		1.0	0.22
100-42-5	Styrene	22.0		1.0	0.42
127-18-4	Tetrachloroethene	21.6		1.0	0.25
108-88-3	Toluene	18.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.5		1.0	0.22
79-01-6	Trichloroethene	20.7		1.0	0.31
75-69-4	Trichlorofluoromethane	21.5		1.0	0.32
75-01-4	Vinyl chloride	21.6		1.0	0.17
1330-20-7	Xylenes, Total	43.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Report Date: 31-Aug-2024 17:14:24 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2024 14:05:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180260-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:14:22 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: NN6A Date: 31-Aug-2024 17:14:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	11	639	20.0	11.4	
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	80	13089	20.0	16.5	a
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	34806	20.0	16.4	
4 Dichlorodifluoromethane	85	1.350	1.338	0.012	84	92707	20.0	18.4	
5 Chlorodifluoromethane	67	1.369	1.351	0.018	95	9826	20.0	16.2	a
6 Chloromethane	50	1.503	1.491	0.012	98	113647	20.0	18.8	
7 Vinyl chloride	62	1.570	1.558	0.012	97	114527	20.0	21.6	
8 Butadiene	54	1.582	1.570	0.012	97	111921	20.0	22.5	
9 Bromomethane	94	1.826	1.820	0.006	99	73588	20.0	19.7	
10 Chloroethane	64	1.887	1.881	0.006	99	64501	20.0	18.5	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	99	178244	20.0	20.0	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	49	115434	20.0	21.5	
13 Pentane	72	2.070	2.070	0.000	96	25722	40.0	41.3	
14 Ethanol	46	2.234	2.234	0.000	79	17541	800.0	698.6	
15 Ethyl ether	74	2.241	2.234	0.007	94	53840	20.0	20.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	97	74499	20.0	21.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	94	66712	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	92	108806	20.0	18.3	
19 Acrolein	56	2.399	2.387	0.012	92	18440	39.5	25.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	95	78081	20.0	24.0	
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	78011	20.0	19.7	
22 Acetone	43	2.503	2.497	0.006	88	124393	100.0	96.2	M
23 Iodomethane	142	2.576	2.570	0.006	97	136227	20.0	20.0	
25 Isopropyl alcohol	45	2.588	2.588	0.000	34	49926	200.0	199.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	260036	20.0	18.4	
26 3-Chloro-1-propene	76	2.722	2.716	0.006	97	52444	20.0	19.5	
27 Methyl acetate	43	2.728	2.722	0.006	100	130656	40.0	39.2	
28 Cyclopentene	67	2.740	2.734	0.006	94	167973	20.0	20.2	
29 Acetonitrile	41	2.777	2.771	0.006	93	119999	200.0	214.3	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	61429	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	95	94530	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.905	2.887	0.018	91	74629	200.0	186.8	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	243387	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	96	85047	20.0	20.0	
35 Acrylonitrile	53	3.076	3.070	0.006	94	340384	200.0	206.7	
36 Hexane	57	3.155	3.155	0.000	93	116419	20.0	26.2	
37 Isopropyl ether	45	3.356	3.356	0.000	96	294902	20.0	20.1	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	99	162726	20.0	20.6	
39 Vinyl acetate	86	3.399	3.393	0.006	100	30931	40.0	49.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	76379	20.0	21.4	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	270428	20.0	20.7	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	449746	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	93	29001	20.0	23.9	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	96	95840	20.0	19.9	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	45900	100.0	97.2	
46 Ethyl acetate	70	3.899	3.887	0.012	96	17692	40.0	42.7	
47 Methyl acrylate	55	3.941	3.941	0.000	100	74154	20.0	21.1	
48 Propionitrile	54	4.009	4.009	-0.001	99	125397	200.0	178.2	
50 Tetrahydrofuran	72	4.082	4.082	0.000	63	21666	40.0	38.2	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	44814	20.0	19.0	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	354131	200.0	212.9	
52 Chloroform	83	4.143	4.143	0.000	97	145605	20.0	20.7	
53 Cyclohexane	84	4.277	4.271	0.006	93	125335	20.0	23.1	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	93	112966	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203904	50.0	50.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	82197	20.0	24.0	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	112247	20.0	21.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	90	83154	500.0	622.6	
59 Isooctane	57	4.588	4.582	0.006	97	328960	20.0	26.3	
60 Benzene	78	4.612	4.612	0.000	96	350821	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	227379	50.0	47.4	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	268208	20.0	20.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	46429	20.0	21.2	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	96	104448	20.0	19.1	
65 n-Heptane	100	4.764	4.771	-0.007	93	20486	20.0	27.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	837875	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46738	500.0	522.9	
68 Trichloroethene	95	5.234	5.228	0.006	98	82192	20.0	20.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	80	146599	20.0	23.6	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	12355	20.0	18.9	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	94	94580	20.0	21.3	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	40661	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	92	41419	40.0	44.3	
75 1,4-Dioxane	88	5.624	5.618	0.006	84	19379	400.0	438.6	
74 Dibromomethane	93	5.636	5.630	0.006	98	51056	20.0	20.0	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	110982	20.0	19.3	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	96984	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	76	20110	40.0	37.5	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	54919	20.0	19.9	
80 Epichlorohydrin	57	6.221	6.222	-0.001	95	10016	20.0	26.3	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127064	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	164179	100.0	104.2	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	788706	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.593	6.587	0.006	93	344958	20.0	18.6	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	118861	20.0	22.5	
86 Ethyl methacrylate	69	6.977	6.977	0.000	92	99874	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64234	20.0	21.1	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	83771	20.0	21.6	
89 1,3-Dichloropropane	76	7.355	7.349	0.006	94	127873	20.0	20.9	
90 2-Hexanone	43	7.422	7.423	0.000	96	265394	100.0	105.7	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	122167	20.0	22.0	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63183	20.0	21.8	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	69965	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	589561	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228457	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	122873	20.0	21.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	67020	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	150953	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	94	155170	20.0	21.8	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	62141	20.0	26.4	
101 Styrene	104	9.123	9.123	0.000	96	247675	20.0	22.0	
102 Bromoform	173	9.373	9.367	0.006	98	37149	20.0	22.4	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	148668	20.0	17.3	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	392150	20.0	24.3	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	250632	50.0	50.6	
106 Bromobenzene	156	9.898	9.898	0.000	99	97905	20.0	20.8	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	99453	20.0	21.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	479671	20.0	22.4	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	98	26930	20.0	20.7	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23471	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	316291	20.0	21.1	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	380315	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327429	20.0	22.1	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	319633	20.0	22.2	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	91299	20.0	16.0	
116 tert-Butylbenzene	119	10.507	10.507	0.000	96	270102	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	334670	20.0	21.7	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	421795	20.0	22.4	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	189253	20.0	20.5	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	354082	20.0	21.9	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	331042	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	193037	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	353120	20.0	21.1	
124 Benzyl chloride	91	11.086	11.086	0.000	99	162030	20.0	25.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	345141	20.0	21.7	
126 p-Diethylbenzene	119	11.221	11.214	0.006	94	229624	20.0	22.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	196327	20.0	22.2	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	188033	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	349214	20.0	21.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	93	13718	20.0	21.1	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	161229	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	154399	20.0	22.3	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	79924	20.0	22.5	
134 Naphthalene	128	12.775	12.775	0.000	99	355350	20.0	22.0	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	96	147260	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	43.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.8	
S 140 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent
ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	

Report Date: 31-Aug-2024 17:14:24 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D

Injection Date: 30-Aug-2024 14:05:30 Instrument ID: CVOAMS17

Lims ID: LCS

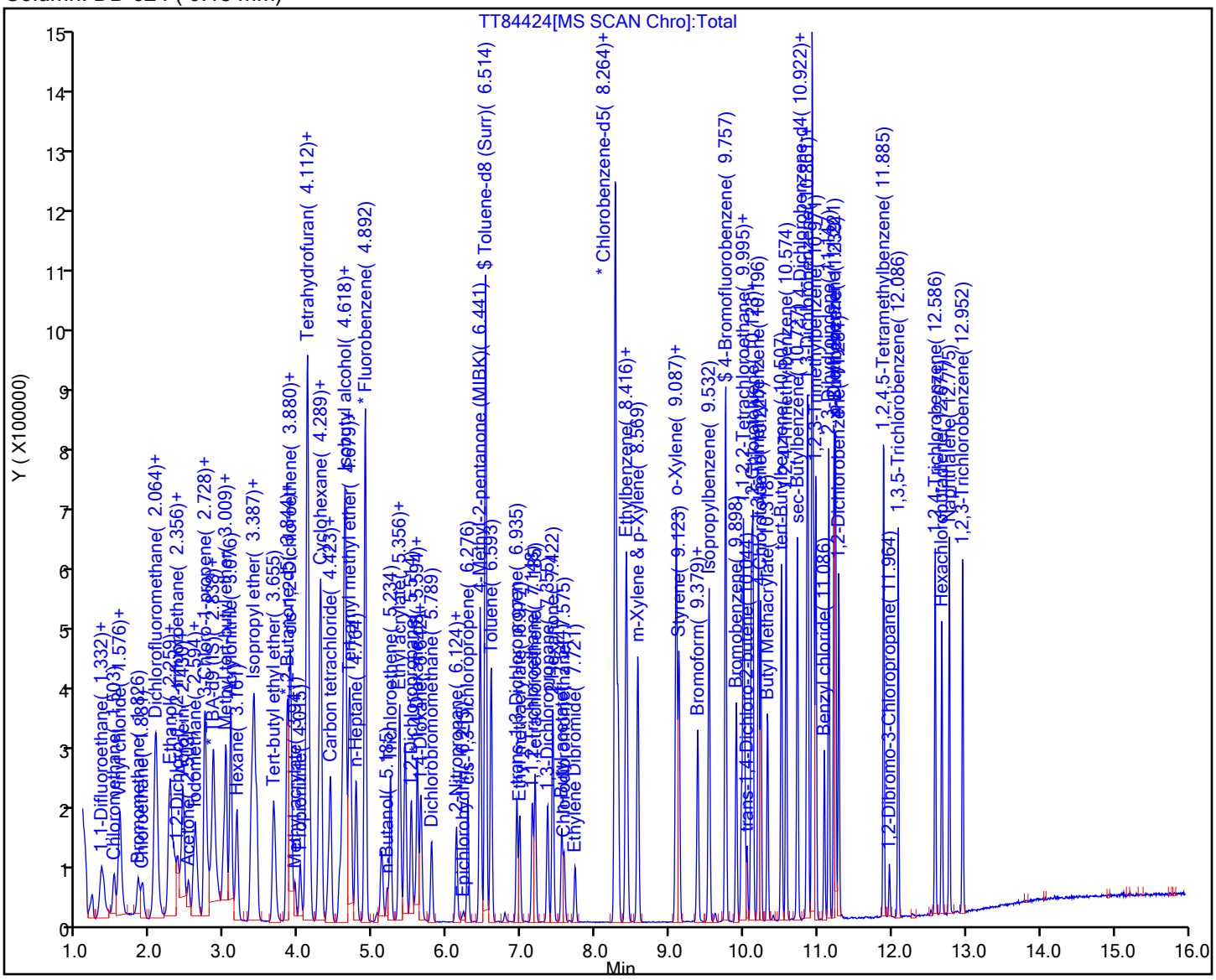
Client ID:

Operator ID: ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2024 14:05:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180260-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:14:22 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: NN6A Date: 31-Aug-2024 17:14:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.3	100.57
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.86
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.88
$ 105 4-Bromofluorobenzene	50.0	50.6	101.13

Eurofins Edison

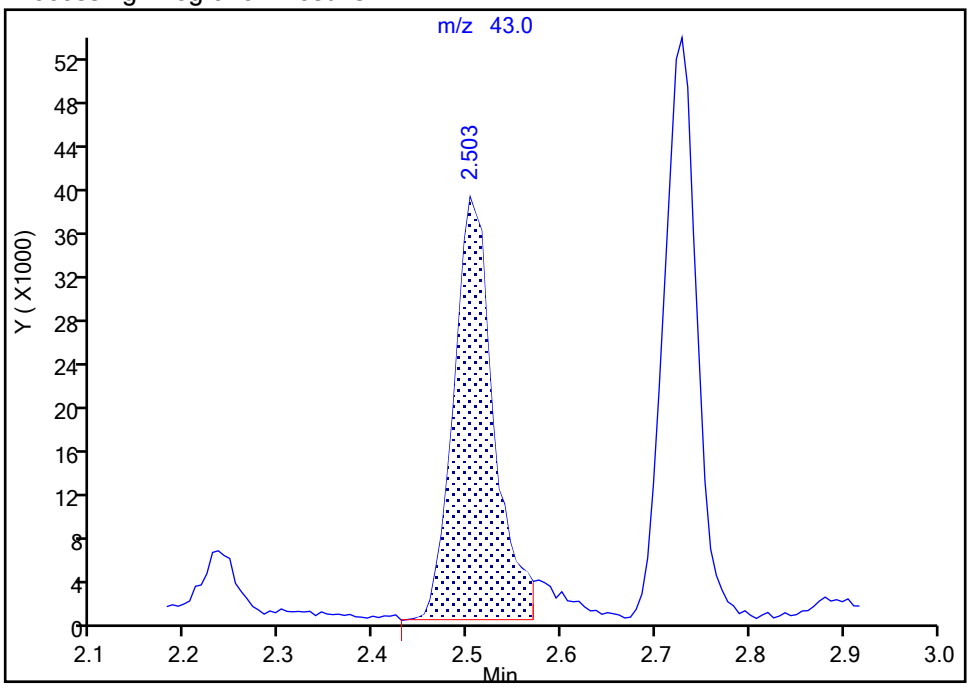
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Injection Date: 30-Aug-2024 14:05:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

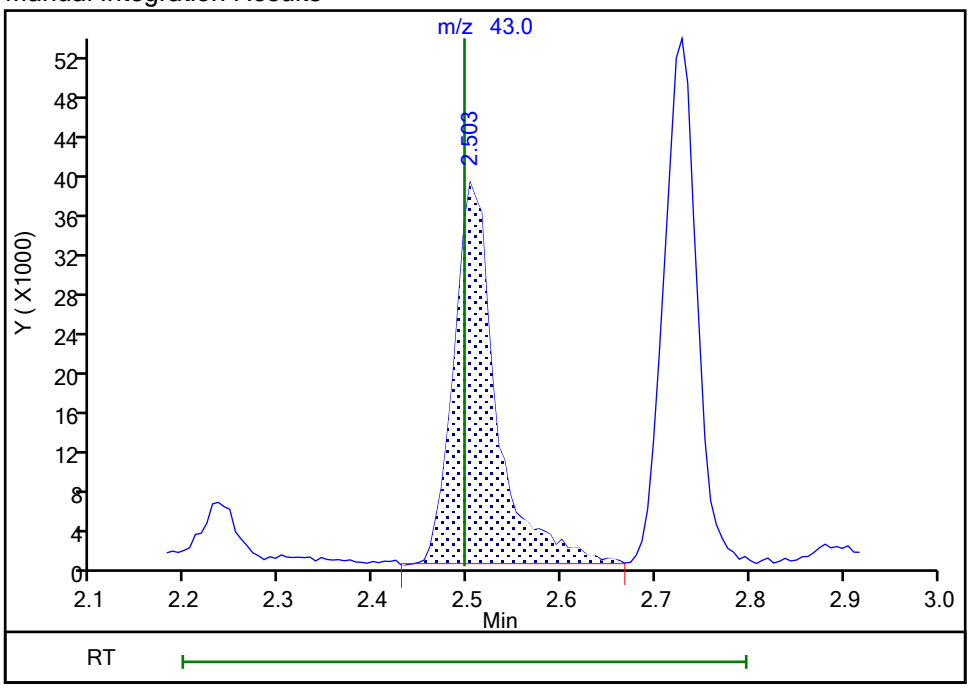
Processing Integration Results

RT: 2.50
Area: 115378
Amount: 89.221464
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 124393
Amount: 96.192737
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:13:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MS | Lab Sample ID: 460-310268-1 MS

Matrix: Water | Lab File ID: TT84448.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.20
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	23.3		1.0	0.38
106-93-4	1,2-Dibromoethane	21.6		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.21
107-06-2	1,2-Dichloroethane	19.9		1.0	0.43
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.2		1.0	0.33
78-93-3	2-Butanone	98.5		5.0	1.9
591-78-6	2-Hexanone	119		5.0	1.1
108-10-1	4-Methyl-2-pentanone	114		5.0	1.3
67-64-1	Acetone	87.8		5.0	4.4
71-43-2	Benzene	23.3		1.0	0.20
75-27-4	Bromodichloromethane	20.8		1.0	0.34
75-25-2	Bromoform	23.8		1.0	0.54
74-83-9	Bromomethane	19.1		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	23.9		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
75-00-3	Chloroethane	17.5		1.0	0.32
67-66-3	Chloroform	21.1		1.0	0.33
74-87-3	Chloromethane	19.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.22
110-82-7	Cyclohexane	28.7		1.0	0.32
124-48-1	Dibromochloromethane	22.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	8.48		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MS | Lab Sample ID: 460-310268-1 MS

Matrix: Water | Lab File ID: TT84448.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.3		1.0	0.30
76-13-1	Freon TF	17.7		1.0	0.31
98-82-8	Isopropylbenzene	31.1		1.0	0.34
108-87-2	Methylcyclohexane	24.8		1.0	0.71
75-09-2	Methylene Chloride	20.0		1.0	0.32
1634-04-4	MTBE	20.8		1.0	0.22
100-42-5	Styrene	21.5		1.0	0.42
127-18-4	Tetrachloroethene	21.9		1.0	0.25
108-88-3	Toluene	18.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.22
79-01-6	Trichloroethene	98.0		1.0	0.31
75-69-4	Trichlorofluoromethane	14.8		1.0	0.32
75-01-4	Vinyl chloride	16.9		1.0	0.17
1330-20-7	Xylenes, Total	43.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Sample Type: MS
Inject. Date: 30-Aug-2024 21:56:30 ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MS
Misc. Info.: 460-0180260-041
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:32:38 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	79	10235	20.0	13.7	a
2 1,1-Difluoroethane	65	1.326	1.320	0.006	96	30260	20.0	15.2	
4 Dichlorodifluoromethane	85	1.357	1.338	0.019	62	40134	20.0	8.48	M
5 Chlorodifluoromethane	67	1.369	1.351	0.018	97	12776	20.0	22.3	a
6 Chloromethane	50	1.509	1.491	0.018	99	108478	20.0	19.1	
7 Vinyl chloride	62	1.570	1.558	0.012	98	84058	20.0	16.9	
8 Butadiene	54	1.588	1.570	0.018	98	70625	20.0	15.1	
9 Bromomethane	94	1.826	1.820	0.006	99	67113	20.0	19.1	
10 Chloroethane	64	1.893	1.881	0.012	100	57297	20.0	17.5	
11 Dichlorofluoromethane	67	2.058	2.039	0.019	98	151770	20.0	18.1	
12 Trichlorofluoromethane	101	2.070	2.052	0.018	45	74408	20.0	14.8	
13 Pentane	72	2.070	2.070	0.000	97	17701	40.0	30.1	
14 Ethanol	46	2.222	2.234	-0.012	88	17330	800.0	729.0	
15 Ethyl ether	74	2.247	2.234	0.013	94	49853	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.265	2.259	0.006	97	62023	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.314	2.302	0.012	83	62851	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.363	2.350	0.012	95	102941	20.0	18.4	
19 Acrolein	56	2.405	2.387	0.018	94	33207	40.0	49.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	95	54056	20.0	17.7	
21 1,1-Dichloroethene	96	2.442	2.436	0.006	97	68651	20.0	18.5	
22 Acetone	43	2.509	2.497	0.012	87	109260	100.0	87.8	
23 Iodomethane	142	2.582	2.570	0.012	97	127258	20.0	19.9	
25 Isopropyl alcohol	45	2.594	2.588	0.006	33	44533	200.0	186.9	a
24 Carbon disulfide	76	2.612	2.600	0.012	99	230832	20.0	17.4	
26 3-Chloro-1-propene	76	2.728	2.716	0.012	90	45709	20.0	18.1	
27 Methyl acetate	43	2.734	2.722	0.012	96	263342	40.0	84.2	
28 Cyclopentene	67	2.747	2.734	0.013	91	154836	20.0	19.8	
29 Acetonitrile	41	2.783	2.771	0.012	93	171413	200.0	318.1	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	58579	1000.0	1000.0	
30 Methylene Chloride	84	2.850	2.838	0.012	95	91952	20.0	20.0	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	91	77418	200.0	203.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	95	238963	20.0	20.8	a
34 trans-1,2-Dichloroethene	96	3.021	3.009	0.012	96	83791	20.0	21.0	
35 Acrylonitrile	53	3.082	3.070	0.012	94	308575	200.0	199.4	
36 Hexane	57	3.167	3.155	0.012	94	77777	20.0	18.6	
37 Isopropyl ether	45	3.362	3.356	0.006	94	272829	20.0	19.8	
38 1,1-Dichloroethane	63	3.393	3.381	0.012	98	153616	20.0	20.7	
39 Vinyl acetate	86	3.405	3.393	0.012	100	29762	40.0	49.8	
40 2-Chloro-1,3-butadiene	88	3.429	3.423	0.006	90	67631	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.661	3.649	0.012	89	255961	20.0	20.8	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	432842	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	48	23386	20.0	20.5	a
44 cis-1,2-Dichloroethene	96	3.880	3.868	0.012	96	97987	20.0	21.6	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	96	44783	100.0	98.5	
46 Ethyl acetate	70	3.905	3.887	0.018	97	16913	40.0	42.4	
47 Methyl acrylate	55	3.948	3.941	0.007	99	73090	20.0	22.1	
48 Propionitrile	54	4.021	4.009	0.012	98	116392	200.0	173.5	
50 Tetrahydrofuran	72	4.088	4.082	0.006	58	20434	40.0	37.4	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	43016	20.0	19.4	
51 Methacrylonitrile	67	4.118	4.112	0.006	92	347876	200.0	222.5	
52 Chloroform	83	4.149	4.143	0.006	98	139083	20.0	21.1	
53 Cyclohexane	84	4.277	4.271	0.006	96	146587	20.0	28.7	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	96	105990	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	189648	50.0	49.8	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	76880	20.0	23.9	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	95	106535	20.0	21.3	
58 Isobutyl alcohol	43	4.551	4.551	0.000	88	144273	500.0	1132.7	a
59 Isooctane	57	4.594	4.582	0.012	95	210193	20.0	17.9	
60 Benzene	78	4.618	4.612	0.006	96	380374	20.0	23.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226278	50.0	50.2	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	252120	20.0	20.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	44995	20.0	21.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	96	102101	20.0	19.9	
65 n-Heptane	100	4.777	4.771	0.006	93	13222	20.0	19.0	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	787406	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	90	45121	500.0	529.4	
68 Trichloroethene	95	5.234	5.228	0.006	98	365880	20.0	98.0	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	145069	20.0	24.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	12414	20.0	20.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	87153	20.0	20.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37750	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	40861	40.0	46.5	
75 1,4-Dioxane	88	5.618	5.618	0.000	64	17394	400.0	424.0	M
74 Dibromomethane	93	5.636	5.630	0.006	96	49486	20.0	20.6	
76 n-Propyl acetate	43	5.655	5.648	0.007	99	110704	20.0	20.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	90220	20.0	20.8	
78 2-Nitropropane	41	6.118	6.112	0.006	87	30991	40.0	60.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	93334	400.0	254.2	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	91	127118	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	97	172150	100.0	113.6	
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	743971	50.0	49.7	
84 Toluene	91	6.593	6.587	0.006	93	332242	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	108549	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.977	6.977	0.000	92	114374	20.0	22.0	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	61995	20.0	21.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	80642	20.0	21.9	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	96	122541	20.0	21.1	
90 2-Hexanone	43	7.422	7.423	0.000	96	288820	100.0	119.5	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	133145	20.0	25.3	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	61437	20.0	22.4	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	69889	20.0	21.6	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	559048	50.0	50.0	
95 Chlorobenzene	112	8.306	8.300	0.006	95	215366	20.0	21.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	117501	20.0	21.3	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	94	65912	20.0	22.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	144730	20.0	21.9	
99 o-Xylene	106	9.087	9.087	0.000	94	145665	20.0	21.6	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	65181	20.0	29.1	
101 Styrene	104	9.123	9.123	0.000	95	228932	20.0	21.5	
102 Bromoform	173	9.373	9.367	0.006	98	37500	20.0	23.8	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	164205	20.0	20.1	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	476298	20.0	31.1	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	240562	50.0	51.2	
106 Bromobenzene	156	9.898	9.898	0.000	99	93071	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	95109	20.0	21.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	483789	20.0	23.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	98	26436	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	88	19248	20.0	19.2	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	292039	20.0	20.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	364130	20.0	21.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	299532	20.0	21.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	292912	20.0	21.3	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	93449	20.0	17.1	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	282660	20.0	23.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	313401	20.0	21.3	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	478067	20.0	26.6	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	97	185518	20.0	21.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	344259	20.0	22.3	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	315775	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	185486	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	335692	20.0	21.0	
124 Benzyl chloride	91	11.086	11.086	0.000	99	133316	20.0	21.5	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	336273	20.0	22.1	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	225137	20.0	22.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	183443	20.0	21.7	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	181773	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	334218	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	14528	20.0	23.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	98	152474	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	147425	20.0	22.3	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	73920	20.0	21.8	
134 Naphthalene	128	12.775	12.775	0.000	99	358300	20.0	23.3	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	142017	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 137 Xylenes, Total	100				0		40.0	43.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.1	
S 140 Total BTEX	1				0		100.0	107.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:32:39 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D

Injection Date: 30-Aug-2024 21:56:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 MS

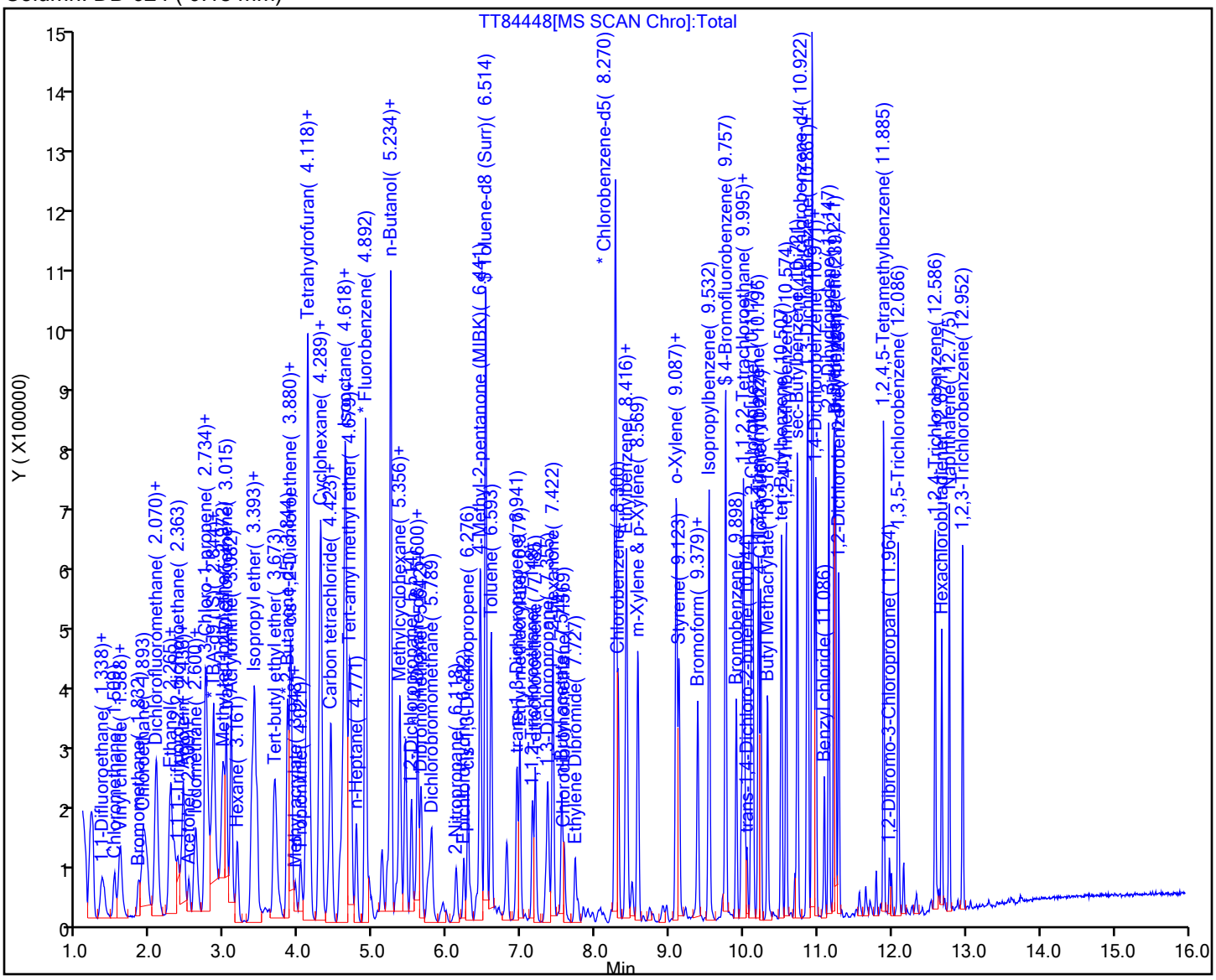
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 40 Worklist Smp#: 41

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Sample Type: MS
Inject. Date: 30-Aug-2024 21:56:30 ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MS
Misc. Info.: 460-0180260-041
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:32:38 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:45:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.53
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.45
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.36
$ 105 4-Bromofluorobenzene	50.0	51.2	102.36

Eurofins Edison

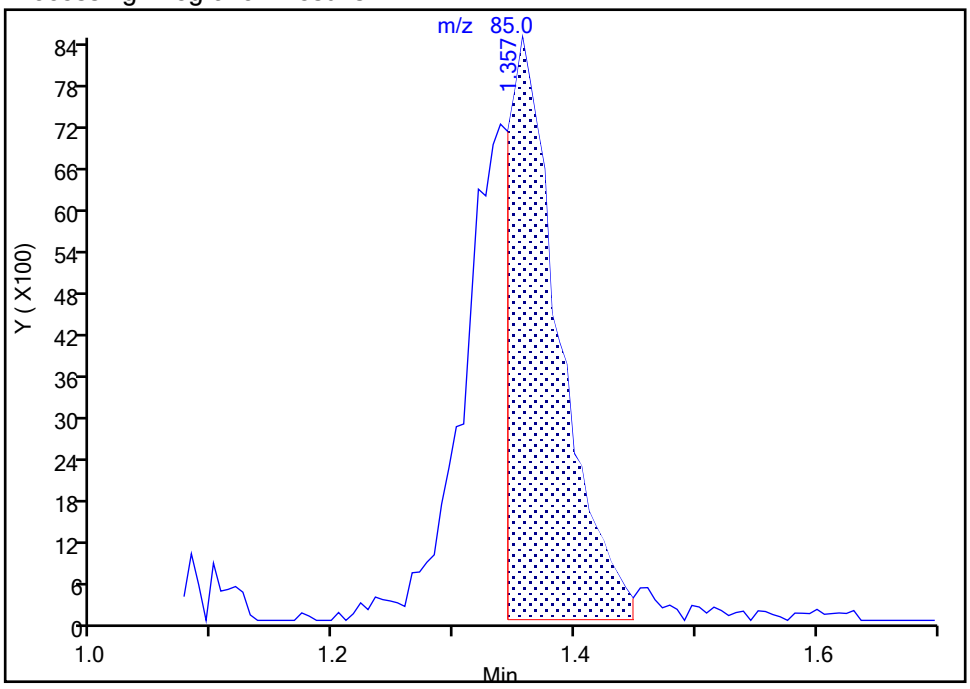
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Injection Date: 30-Aug-2024 21:56:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

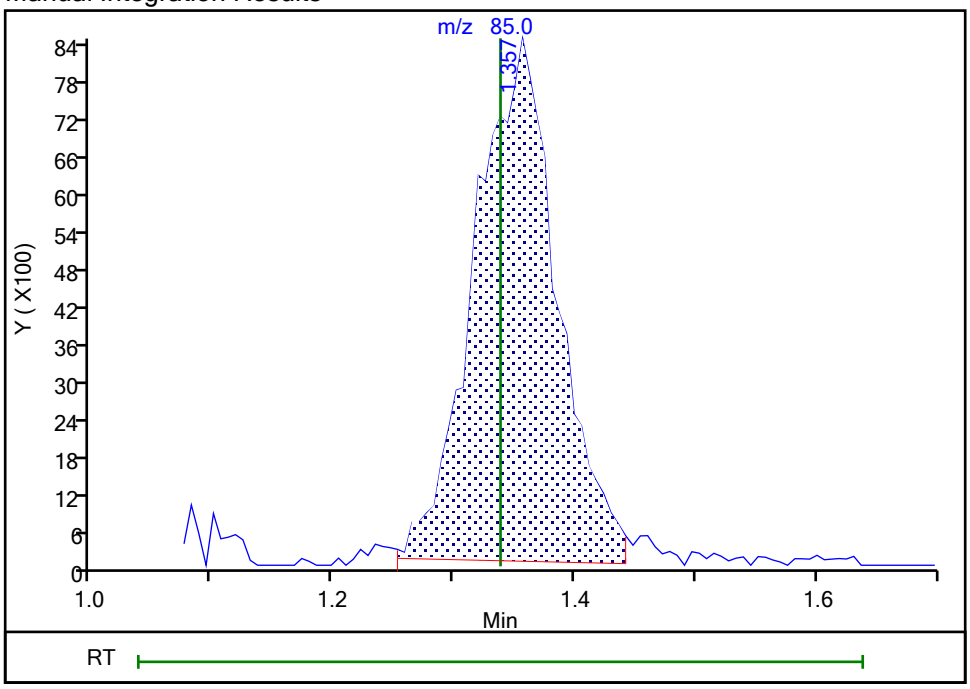
Processing Integration Results

RT: 1.36
Area: 24794
Amount: 5.237050
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 40134
Amount: 8.477203
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:44:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

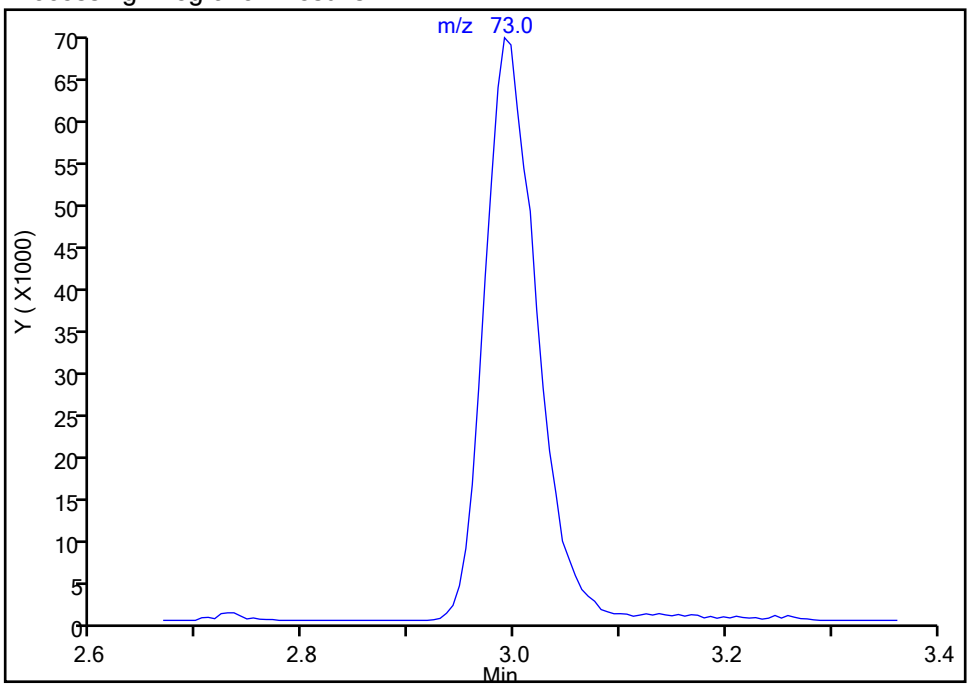
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D				
Injection Date:	30-Aug-2024 21:56:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1 MS				
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

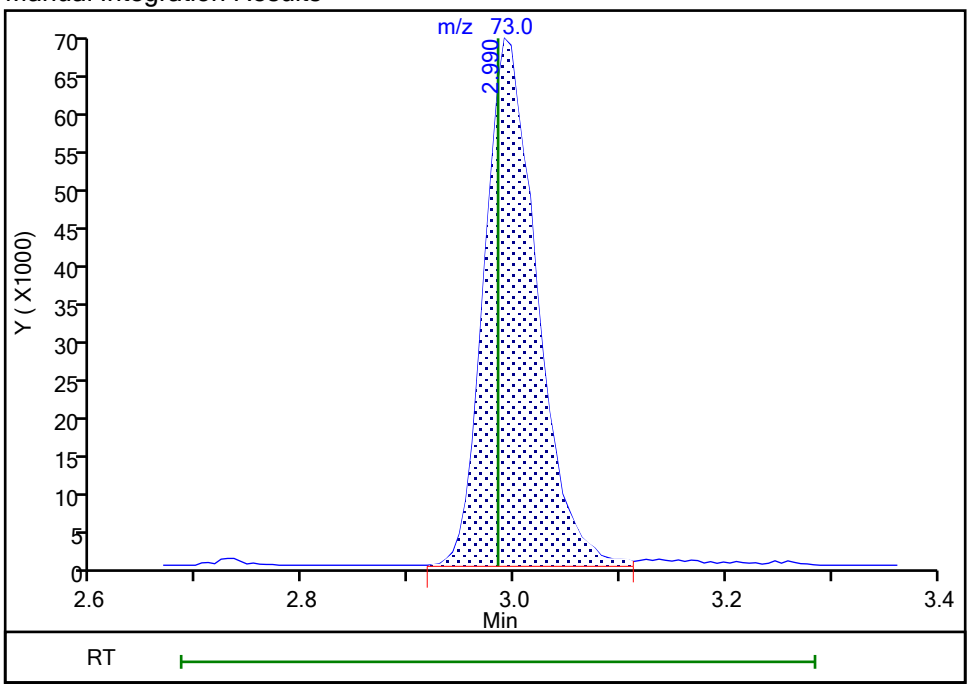
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 238963
Amount: 20.823383
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:44:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MSD | Lab Sample ID: 460-310268-1 MSD

Matrix: Water | Lab File ID: TT84449.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 22:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.6		1.0	0.20
75-34-3	1,1-Dichloroethane	22.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	24.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	24.4		1.0	0.38
106-93-4	1,2-Dibromoethane	22.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.21
107-06-2	1,2-Dichloroethane	20.8		1.0	0.43
78-87-5	1,2-Dichloropropane	21.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.0		1.0	0.33
78-93-3	2-Butanone	103		5.0	1.9
591-78-6	2-Hexanone	126		5.0	1.1
108-10-1	4-Methyl-2-pentanone	122		5.0	1.3
67-64-1	Acetone	98.2		5.0	4.4
71-43-2	Benzene	24.9		1.0	0.20
75-27-4	Bromodichloromethane	21.4		1.0	0.34
75-25-2	Bromoform	24.7		1.0	0.54
74-83-9	Bromomethane	20.3		1.0	0.55
75-15-0	Carbon disulfide	19.6		1.0	0.82
56-23-5	Carbon tetrachloride	26.1		1.0	0.21
108-90-7	Chlorobenzene	22.4		1.0	0.38
75-00-3	Chloroethane	19.0		1.0	0.32
67-66-3	Chloroform	22.6		1.0	0.33
74-87-3	Chloromethane	21.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.1		1.0	0.22
110-82-7	Cyclohexane	32.5		1.0	0.32
124-48-1	Dibromochloromethane	24.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	9.92		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MSD | Lab Sample ID: 460-310268-1 MSD

Matrix: Water | Lab File ID: TT84449.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 22:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	22.9		1.0	0.30
76-13-1	Freon TF	20.4		1.0	0.31
98-82-8	Isopropylbenzene	33.1		1.0	0.34
108-87-2	Methylcyclohexane	28.2		1.0	0.71
75-09-2	Methylene Chloride	22.0		1.0	0.32
1634-04-4	MTBE	22.3		1.0	0.22
100-42-5	Styrene	22.7		1.0	0.42
127-18-4	Tetrachloroethene	22.8		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.7		1.0	0.22
79-01-6	Trichloroethene	101		1.0	0.31
75-69-4	Trichlorofluoromethane	16.6		1.0	0.32
75-01-4	Vinyl chloride	19.4		1.0	0.17
1330-20-7	Xylenes, Total	46.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Sample Type: MSD
Inject. Date: 30-Aug-2024 22:16:30 ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MSD
Misc. Info.: 460-0180260-042
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:33:50 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:46:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.223	1.235	-0.012	1	233	20.0	4.71	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	55	12639	20.0	17.6	Ma
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	97	34242	20.0	17.9	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	47	45158	20.0	9.92	M
5 Chlorodifluoromethane	67	1.345	1.351	-0.006	96	12907	20.0	23.5	
6 Chloromethane	50	1.497	1.491	0.006	99	118973	20.0	21.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	92795	20.0	19.4	
8 Butadiene	54	1.576	1.570	0.006	97	76721	20.0	17.1	
9 Bromomethane	94	1.826	1.820	0.006	99	68405	20.0	20.3	
10 Chloroethane	64	1.881	1.881	0.000	99	59784	20.0	19.0	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	98	160681	20.0	20.0	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	46	80241	20.0	16.6	
13 Pentane	72	2.070	2.070	0.000	97	22498	40.0	39.9	
14 Ethanol	46	2.204	2.234	-0.030	90	20308	800.0	910.0	
15 Ethyl ether	74	2.235	2.234	0.001	95	49949	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	97	66817	20.0	21.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.302	-0.006	88	66475	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	107169	20.0	19.9	
19 Acrolein	56	2.393	2.387	0.006	94	36483	40.0	56.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	59823	20.0	20.4	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	97	74338	20.0	20.8	
22 Acetone	43	2.503	2.497	0.006	88	115817	100.0	98.2	
23 Iodomethane	142	2.576	2.570	0.006	96	134191	20.0	21.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	33	50691	200.0	219.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	100	250718	20.0	19.6	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	50657	20.0	20.8	
27 Methyl acetate	43	2.735	2.722	0.013	92	280775	40.0	93.3	
28 Cyclopentene	67	2.741	2.734	0.007	91	163473	20.0	21.8	
29 Acetonitrile	41	2.765	2.771	-0.006	66	150695	200.0	295.0	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	56849	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	95	97380	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	92	77942	200.0	210.8	a
33 Methyl tert-butyl ether	73	2.978	2.984	-0.006	97	246142	20.0	22.3	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	87630	20.0	22.8	
35 Acrylonitrile	53	3.070	3.070	0.000	95	315636	200.0	212.2	
36 Hexane	57	3.155	3.155	0.000	95	83200	20.0	20.7	
37 Isopropyl ether	45	3.356	3.356	0.000	95	279370	20.0	21.1	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	157144	20.0	22.0	
39 Vinyl acetate	86	3.393	3.393	0.000	100	30052	40.0	53.0	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	91	70066	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	263511	20.0	22.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	410388	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	97	25173	20.0	23.0	a
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	103270	20.0	23.7	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	44443	100.0	103.1	
46 Ethyl acetate	70	3.893	3.887	0.006	95	16403	40.0	43.4	
47 Methyl acrylate	55	3.942	3.941	0.001	99	68089	20.0	21.4	
48 Propionitrile	54	4.009	4.009	0.000	98	115560	200.0	177.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	60	21562	40.0	41.7	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	44043	20.0	20.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	344725	200.0	229.4	
52 Chloroform	83	4.143	4.143	0.000	99	143451	20.0	22.6	
53 Cyclohexane	84	4.271	4.271	0.000	95	159415	20.0	32.5	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	95	110871	20.0	23.7	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181604	50.0	49.6	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	80744	20.0	26.1	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	108640	20.0	22.6	
58 Isobutyl alcohol	43	4.551	4.551	0.000	91	153238	500.0	1239.7	
59 Isooctane	57	4.588	4.582	0.006	96	234778	20.0	20.8	
60 Benzene	78	4.612	4.612	0.000	96	389415	20.0	24.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	212806	50.0	49.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	82	262999	20.0	21.9	
63 Isopropyl acetate	61	4.679	4.673	0.006	92	44071	20.0	22.3	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	95	102943	20.0	20.8	
65 n-Heptane	100	4.771	4.771	0.000	95	13903	20.0	20.8	
* 66 Fluorobenzene	96	4.887	4.886	0.001	99	756995	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	94	45610	500.0	551.4	
68 Trichloroethene	95	5.228	5.228	0.000	98	364013	20.0	101.4	
69 Methylcyclohexane	83	5.350	5.356	-0.006	79	158537	20.0	28.2	
70 Ethyl acrylate	99	5.356	5.356	0.000	97	12844	20.0	21.8	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	93	86303	20.0	21.5	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	37425	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	40427	40.0	47.9	
75 1,4-Dioxane	88	5.618	5.618	0.000	61	16720	400.0	411.1	
74 Dibromomethane	93	5.636	5.630	0.006	95	49809	20.0	21.6	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	108248	20.0	20.8	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	89162	20.0	21.4	
78 2-Nitropropane	41	6.112	6.112	0.000	90	28715	40.0	58.8	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	88214	400.0	253.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	125779	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	174872	100.0	121.7	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	702900	50.0	49.1	
84 Toluene	91	6.587	6.587	0.000	93	334703	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	108385	20.0	22.7	
86 Ethyl methacrylate	69	6.972	6.977	-0.005	91	118631	20.0	23.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	97	62244	20.0	22.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	80140	20.0	22.8	
89 1,3-Dichloropropane	76	7.350	7.349	0.001	94	118960	20.0	21.5	
90 2-Hexanone	43	7.423	7.423	0.001	96	288348	100.0	125.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	134581	20.0	26.7	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	63262	20.0	24.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	68539	20.0	22.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	534723	50.0	50.0	
95 Chlorobenzene	112	8.301	8.300	0.001	95	219084	20.0	22.4	
96 Ethylbenzene	106	8.410	8.410	0.000	98	120525	20.0	22.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	94	68714	20.0	24.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	147561	20.0	23.4	
99 o-Xylene	106	9.087	9.087	0.000	94	147916	20.0	22.9	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	69089	20.0	32.3	
101 Styrene	104	9.124	9.123	0.001	95	231724	20.0	22.7	
102 Bromoform	173	9.373	9.367	0.006	98	37382	20.0	24.7	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	169001	20.0	21.5	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	484788	20.0	33.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	225437	50.0	50.1	
106 Bromobenzene	156	9.898	9.898	0.000	98	94963	20.0	22.0	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	98834	20.0	23.7	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	493643	20.0	25.2	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	27181	20.0	22.8	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	21229	20.0	22.0	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	298597	20.0	21.7	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	372623	20.0	22.7	
113 1,3,5-Trimethylbenzene	105	10.197	10.196	0.000	93	309350	20.0	22.8	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	279760	20.0	21.1	
115 Butyl Methacrylate	87	10.325	10.324	0.001	91	96939	20.0	18.5	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	279352	20.0	24.5	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	320648	20.0	22.6	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	490475	20.0	28.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	184818	20.0	21.9	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	352185	20.0	23.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	303858	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	185348	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	344105	20.0	22.4	
124 Benzyl chloride	91	11.087	11.086	0.001	99	132696	20.0	22.3	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	344165	20.0	23.5	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	235158	20.0	24.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	99	192485	20.0	23.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	186312	20.0	22.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	342391	20.0	23.1	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	95	14644	20.0	24.4	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	157771	20.0	22.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	153613	20.0	24.2	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	97	75697	20.0	23.2	
134 Naphthalene	128	12.775	12.775	0.000	99	368133	20.0	24.8	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	150424	20.0	23.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	46.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.8	
S 140 Total BTEX	1				0		100.0	114.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D

Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 MSD

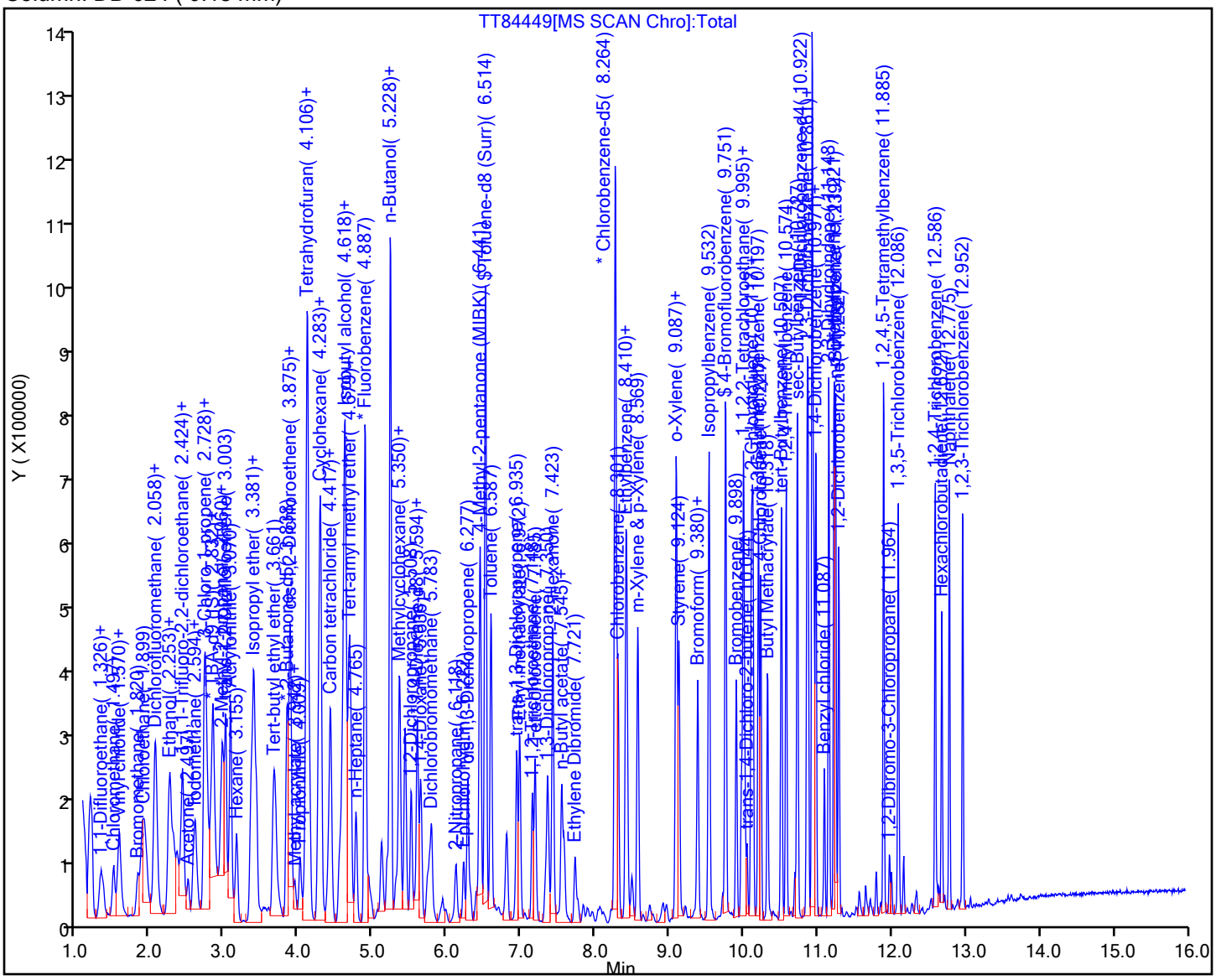
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 41 Worklist Smp#: 42

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Sample Type: MSD
Inject. Date: 30-Aug-2024 22:16:30 ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MSD
Misc. Info.: 460-0180260-042
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:33:50 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:46:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.6	99.14
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.27
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.15
$ 105 4-Bromofluorobenzene	50.0	50.1	100.29

Eurofins Edison

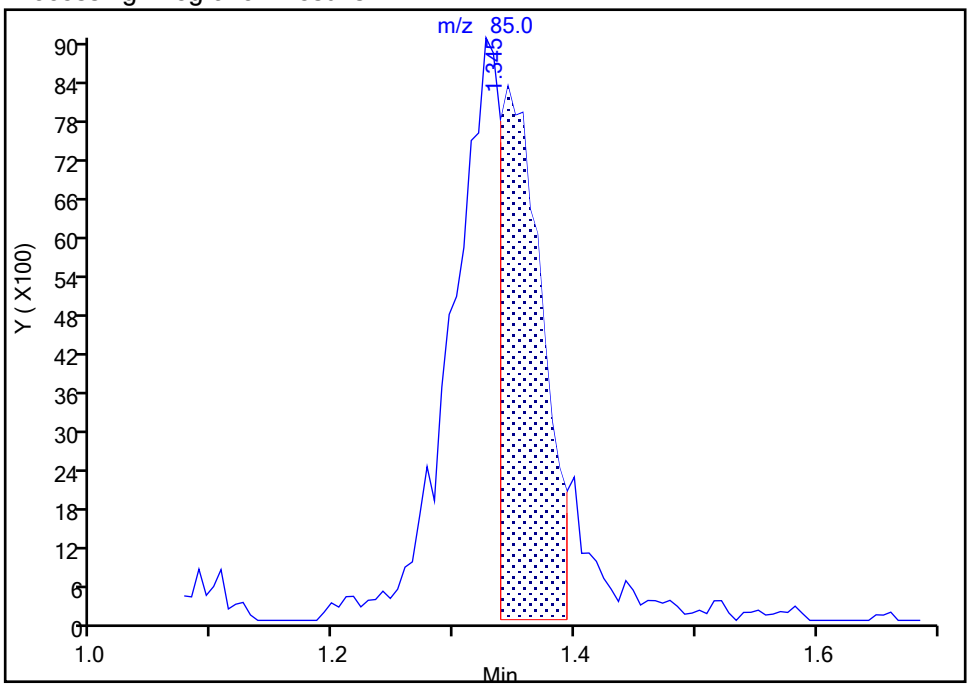
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

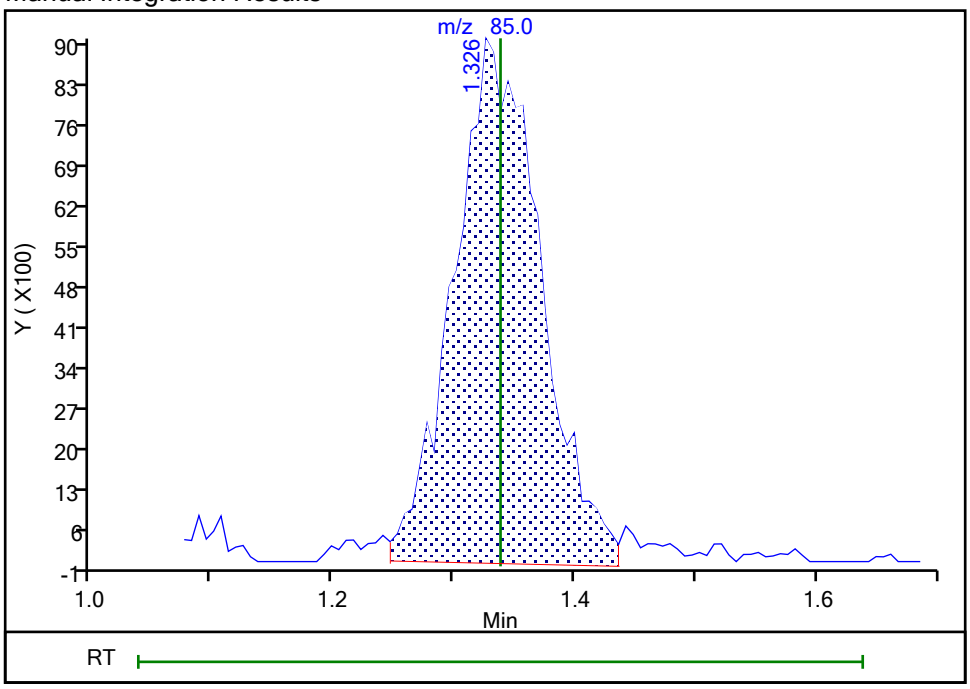
Processing Integration Results

RT: 1.34
Area: 20429
Amount: 4.488414
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 45158
Amount: 9.921573
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:45:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

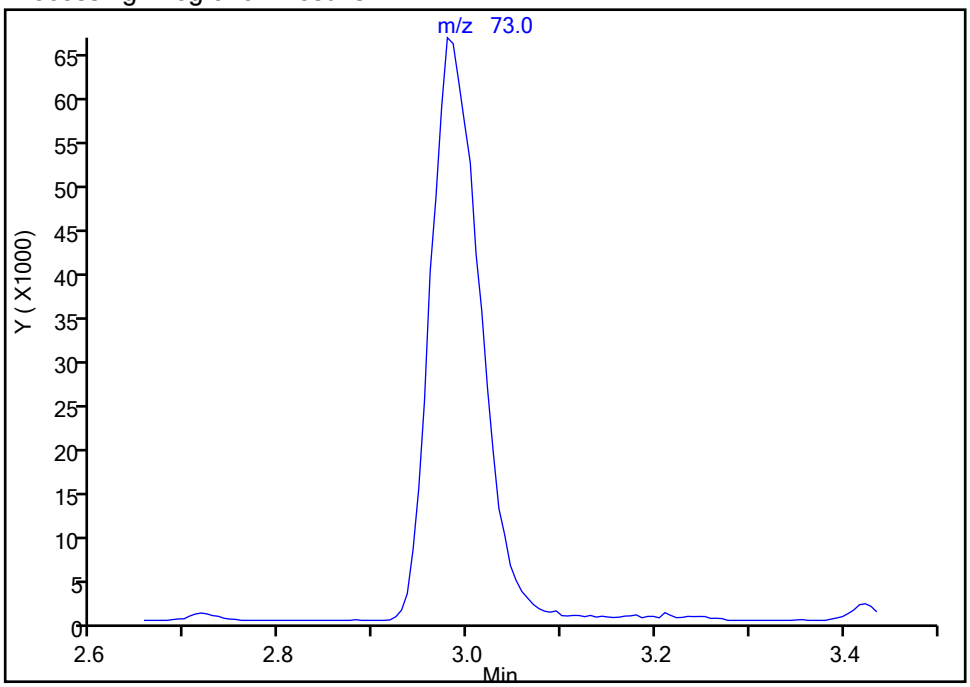
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

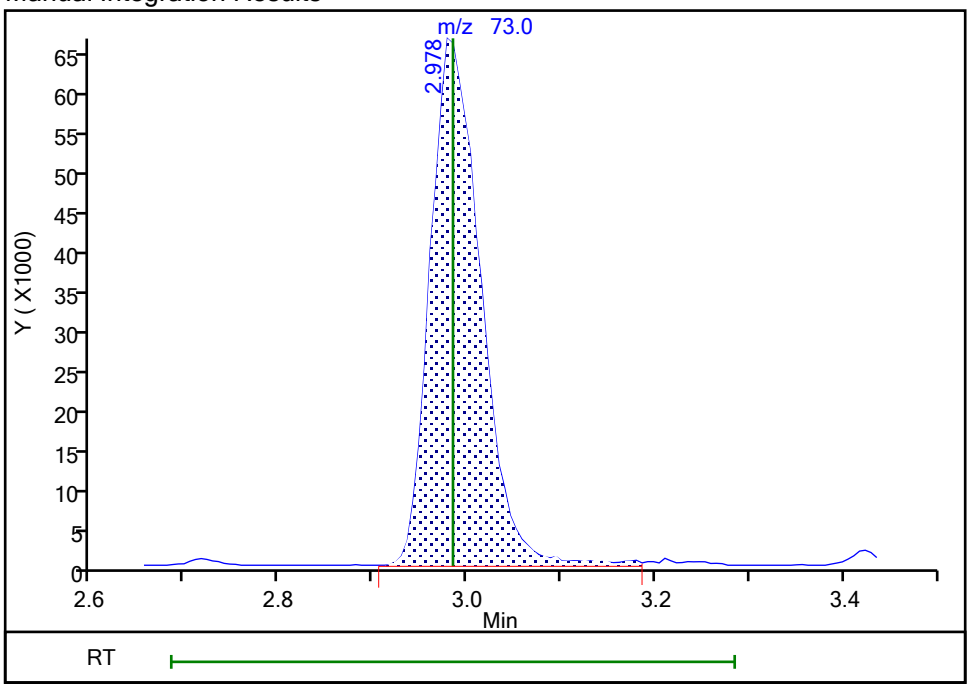
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.98
Area: 246142
Amount: 22.310641
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:46:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/30/2024 07:27

Analysis Batch Number: 993368 End Date: 08/30/2024 22:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-993368/1		08/30/2024 07:27	1	TT84408.D	DB-624 0.18(mm)
STD8 460-993368/3 IC		08/30/2024 08:07	1	TT84410.D	DB-624 0.18(mm)
STD05 460-993368/4 IC		08/30/2024 08:26	1	TT84411.D	DB-624 0.18(mm)
STD1 460-993368/5 IC		08/30/2024 08:46	1	TT84412.D	DB-624 0.18(mm)
STD5 460-993368/6 IC		08/30/2024 09:05	1	TT84413.D	DB-624 0.18(mm)
STD20 460-993368/7 ICIS		08/30/2024 09:25	1	TT84414.D	DB-624 0.18(mm)
STD50 460-993368/8 IC		08/30/2024 09:45	1	TT84415.D	DB-624 0.18(mm)
STD200 460-993368/9 IC		08/30/2024 10:04	1	TT84416.D	DB-624 0.18(mm)
STD500 460-993368/10 IC		08/30/2024 10:24	1	TT84417.D	DB-624 0.18(mm)
ICV 460-993368/15		08/30/2024 13:25	1	TT84422.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 13:25	1		DB-624 0.18(mm)
LCS 460-993368/17		08/30/2024 14:05	1	TT84424.D	DB-624 0.18(mm)
MB 460-993368/21		08/30/2024 15:23	1	TT84428.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 15:42	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:02	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:22	1		DB-624 0.18(mm)
460-310268-2	NL-FB-01_20240827	08/30/2024 16:41	1	TT84432.D	DB-624 0.18(mm)
460-310268-3	NL-TB-01_20240827	08/30/2024 17:01	1	TT84433.D	DB-624 0.18(mm)
460-310268-1	NL-MW-03_20240827	08/30/2024 17:21	1	TT84434.D	DB-624 0.18(mm)
460-310268-4	NL-MW-DUP_20240827	08/30/2024 17:41	1	TT84435.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:00	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:20	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:40	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:59	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:19	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:58	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:18	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:57	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:17	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:36	1		DB-624 0.18(mm)
460-310268-1 MS	NL-MW-03_20240827 MS	08/30/2024 21:56	1	TT84448.D	DB-624 0.18(mm)
460-310268-1 MSD	NL-MW-03_20240827 MSD	08/30/2024 22:16	1	TT84449.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	14DIOXINTER 00172	524FREONS 00023	7 Freons Hi 00017
BFB 460-993368/1		8260D			5 mL	5 mL				
STD8 460-993368/3 IC		8260D			5 mL	5 mL				
STD05 460-993368/4 IC		8260D			5 mL	5 mL		15 uL	5 uL	
STD1 460-993368/5 IC		8260D			5 mL	5 mL		30 uL	10 uL	
STD5 460-993368/6 IC		8260D			5 mL	5 mL			10 uL	
STD20 460-993368/7 ICIS		8260D			5 mL	5 mL			20 uL	
STD50 460-993368/8 IC		8260D			5 mL	5 mL			50 uL	
STD200 460-993368/9 IC		8260D			5 mL	5 mL				20 uL
STD500 460-993368/10 IC		8260D			5 mL	5 mL				50 uL
ICV 460-993368/15		8260D			5 mL	5 mL				
LCS 460-993368/17		8260D			5 mL	5 mL				
MB 460-993368/21		8260D			5 mL	5 mL				
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units		20 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units		20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	7 Freons SS 00017	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	7 Freons SS 00017	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D								20 uL
STD05 460-993368/4 IC		8260D					5 uL		2 uL	
STD1 460-993368/5 IC		8260D					10 uL		4 uL	
STD5 460-993368/6 IC		8260D					10 uL		4 uL	
STD20 460-993368/7 ICIS		8260D					20 uL		4 uL	
STD50 460-993368/8 IC		8260D					50 uL		10 uL	
STD200 460-993368/9 IC		8260D							20 uL	
STD500 460-993368/10 IC		8260D							40 uL	
ICV 460-993368/15		8260D			20 uL	20 uL		4 uL		
LCS 460-993368/17		8260D			20 uL	20 uL		4 uL		
MB 460-993368/21		8260D								
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T						
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T						
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T						
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T						
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T			20 uL		4 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T			20 uL		4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB 00036	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB 00036	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152
BFB 460-993368/1		8260D			1 uL					
STD8 460-993368/3 IC		8260D							2.5 uL	
STD05 460-993368/4 IC		8260D							5 uL	
STD1 460-993368/5 IC		8260D							10 uL	
STD5 460-993368/6 IC		8260D							10 uL	
STD20 460-993368/7 ICIS		8260D							20 uL	
STD50 460-993368/8 IC		8260D							50 uL	
STD200 460-993368/9 IC		8260D				20 uL		20 uL		20 uL
STD500 460-993368/10 IC		8260D				50 uL		50 uL		50 uL
ICV 460-993368/15		8260D					20 uL			
LCS 460-993368/17		8260D					20 uL			
MB 460-993368/21		8260D								
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T						
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T						
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T						
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T						
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T					20 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T					20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX I Hi 00179	VOA6IS/SURR 00076				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX I Hi 00179	VOA6IS/SURR 00076				
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D				5 uL				
STD05 460-993368/4 IC		8260D				5 uL				
STD1 460-993368/5 IC		8260D				5 uL				
STD5 460-993368/6 IC		8260D				5 uL				
STD20 460-993368/7 ICIS		8260D				5 uL				
STD50 460-993368/8 IC		8260D				5 uL				
STD200 460-993368/9 IC		8260D			20 uL	5 uL				
STD500 460-993368/10 IC		8260D			50 uL	5 uL				
ICV 460-993368/15		8260D				5 uL				
LCS 460-993368/17		8260D				5 uL				
MB 460-993368/21		8260D				5 uL				
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T		5 uL				
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T		5 uL				
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T		5 uL				
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T		5 uL				
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T		5 uL				
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T		5 uL				

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

685940

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jensen	Site Contact: Brian Quinn	Date: 08/27/24	COC No: 1 of 1 COCs
Company Name: AKRF, Inc	Tel/Email: mjensen@akrcorp.com	Lab Contact:	Carrier:	Sampler:
Address: 440 Park Ave S 7th fl	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: New York, NY 10016	TAT if different from Below: Standard			Job / SDG No. 460-310268
Phone: 336-766-9345 614-560-5425	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Fax:				
Project Name: 3700 Jerome Ave				
Site:				
PO# 11455				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs 8260	Sample Specific Notes:
NL-MW-03_20240827	08/27/24	1415	G	Gw	9		X	X	
NL-FB-01 20240827	"	1440	"	"	2			X	
NL-FB-01_20240827	"	0000	"	"	2			X	
NL-MW-DUP_20240827	"	1200	"	"	3			X	

460-310268 Chain of Custody

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

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

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

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

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

Special Instructions/QC Requirements & Comments.

Cat B deliverables, EQUIS EDD, Lab to report project specific compounds

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

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AKRF	08/27/24 1515	[signature]	[illegible]	8/27/24 1610
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
			[signature]	EET	8/27/24 1615
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
[signature]	EET 8/27/24	1815	[signature]	EET	8/27/24 1845

no ice ER# 9017.09

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 460.310268

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.2 °C	0.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

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

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

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

Initials: MM Date: 8/27/24

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-310268-1

Login Number: 310268
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

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

APPENDIX C

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSIS

VOLATILE ORGANICS BY GC/MS 8260D

For Groundwater Samples Collected
August 27, 2024
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-310268-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

Ms. Claire Bearden/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.

September 20, 2024

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

Lori A. Beyer

(516) 523-7891; email LABValidation@aol.com

3200 Jerome Avenue, Bronx, New York – Groundwater Sampling
August 2024 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

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C. Validated Form I's with Qualifications

Introduction:
A validation was performed on groundwater samples and the associated quality control samples (MS, MSD, Field Duplicate, Field and Trip Blank) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples listed below. The groundwater samples were collected on August 27, 2024. The samples were analyzed utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of Volatile Organics.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Analysis	Date Collected/Received
NL-MW-03_20240827 [Plus, MS/MSD]	460-310268-1	Volatiles by 8260D	08/27/2024
NL-FB-01_20240817	460-310268-2	Volatiles by 8260D	08/27/2024
NL-TB-01_20240827	460-310268-3	Volatiles by 8260D	08/27/2024
NL-DUP_20240827 [Field Duplicate of NL-MW-03_20240827]	460-310268-4	Volatiles by 8260D	08/27/2024

Data Qualifier Definitions:
The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high. (Equis file qualified JK)

J- - The result is an estimated quantity, but the result may be biased low. (Equis file qualified JL)

D - Analyte concentration is from diluted analysis.

Sample Receipt:

The Chain of Custody document indicates that the samples were received at Eurofins Edison via courier upon completion of the sampling event on August 27, 2024. Sample login notes were generated. The cooler temperature for sample receipt was recorded upon receipt at Eurofins Edison and determined to be acceptable at <6.0 degrees C. The actual temperature for the cooler (0.9 degrees C) is recorded on the chain of custody document and the narrative discussion of the lab report. No problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good.

The EQUIS electronic spreadsheet included as a separate attachment includes all usable (qualified) and unusable (rejected) results for the samples identified above. The validated Form I's provided in Appendix C summarizes the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260D

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are considered valid and useable and noted in the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Samples were analyzed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis for acid/HCL preserved (pH <2) containers. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) were found to be within acceptable in-house laboratory limits for the four (4) surrogate compounds for all analyses.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analysis was conducted on NL-MW-3_20240827 as required. Trichloroethene (69%) recovered below laboratory limits in the matrix spike. Low recovery can be attributed to high parent concentration (84 ug/L) relative to spike amount (20 ug/L). Data was not qualified based on this outlier. Matrix spike duplicate recovery (86%) was within limits. RPD was also <30% for all spiked compounds.

The National Functional Guidelines and EPA Region 2 SOPs state that "No qualifications to the data are necessary based on MS data alone."

1.4 Laboratory Control Sample/Laboratory Control Duplicate

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Acceptable LCS/LCS Duplicate was analyzed. Recovery and RPD were acceptable for all spiked analytes.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

No target analytes were detected in the method blank associated with sample analysis.

B) **Field Blank Contamination:**

No target compounds were detected in NL-FB-01_20240827.

C) **Trip Blank Contamination:**

No target analytes were detected in NL-TB-01_20240827.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (once prior to ICAL for 8260D) for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detection for that compound in the corresponding samples will be rejected, "R." Method 8260D allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be /=>0.01 for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-chloropropane, Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane.

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and (>/= 0.01 for poor responders) and minimum response criteria in Table 4 of Method 8260D, for the initial and continuing calibrations for all reported analytes.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R," unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Closing CCV must meet 30% criteria. Poor responders must be </= 40%. Acceptable ICV was also analyzed.

*Method 8260D allows for several analytes to be outside requirements due to the large number of compounds analyzed by the method.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated with
that internal standard is qualified as estimated, "J," and all non-detects as "UJ," or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Samples were spiked with the internal standards TBA-d9, Fluorobenzene, 1,4-Dioxane-d8, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. For water samples an acceptable RPD is 25% for analyte concentrations greater than 2x the reporting limits. The following criteria are utilized for Field Duplicate analysis:

Criteria	Detected Compounds	Non-Detected Compounds
The RPD is within the limits of 0 and 25%	No qualification	No qualification
The RPD >25%	J in the parent and duplicate samples	Not applicable
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was </=2x the reporting limit	No qualification	No qualification
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample However, the detected concentration was >2x the reporting limit.	J in the parent or duplicate sample	UJ in the parent of duplicate sample

NL-MW-3_20240827 was selected for Field Duplicate analysis (NL-MW-Dup_20240827). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20240827	NL-MW-Dup_20240827
Benzene	4.1 ug/L	4.0 ug/L
Chloroform	0.63 ug/L	0.58 ug/L
Cis-1,2-Dichloroethene	2.8 ug/L	2.6 ug/L
Cyclohexane	13 ug/L	13 ug/L
Isopropylbenzene	11 ug/L	10 ug/L
Methylcyclohexane	6.2 ug/L	6.4 ug/L
MTBE	0.74 ug/L	0.69 ug/L
Trans-1,2-Dichloroethene	0.91 ug/L	0.91 ug/L
Trichloroethene	84 ug/L	77 ug/L

No qualifiers are required based on field duplicate data. Precision is acceptable.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846, response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were analyzed undiluted at 5mls.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Reviewer's Signature David A Bly **Date** 09/20/2024

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

Chain of Custody Record

685940

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jeorse	Site Contact: Brian Regan	Date: 08/27/24	COC No:
Company Name: AARF, Inc	Tel/Email: mjeorse@aarf.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S 7th fl	Analysis Turnaround Time			Sampler:
City/State/Zip: New York, NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: ~~236-766-9345~~ 614-560-5405	TAT if different from Below: standard			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 37th Jerome Ave	☐ 1 week			Job / SDG No. 460-310268
Site:	☐ 2 days			
PO# 11955	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs 8260	Sample Specific Notes:
NL-MW-03_20240827	08/27/24	1415	G	Gw	9		X	X	
NL-FB-01_20240827	"	1440	"	"	2			X	
NL-TB-01_20240827	"	0000	"	"	2			X	
NL-MW-DUP_20240827	"	1200	"	"	3			X	

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460-310268 Chain of Custody

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

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

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

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

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

Special Instructions/QC Requirements & Comments.

Cat B deliverables, EQUIS EDD, Lab to report project specific compound list

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

	Relinquished by	Company	Date/Time	Received by	Company	Date/Time
1	[signature]	AARF	08/27/24 1515	[signature]		8/27/24 1510
2	[signature]			[signature]	EET	8/27/24 1645
3	[signature]	EET	8/27/24 1845	[signature]	FEDEX	8/27/24 1845

NO ICE ER # 9 0.7/0.9

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-310268-1

Login Number: 310268
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

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

Appendix B
Case Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave

Report Number: 460-310268-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 8/27/2024 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples NL-MW-03_20240827 (460-310268-1), NL-FB-01_20240827 (460-310268-2), NL-TB-01_20240827 (460-310268-3) and NL-MW-DUP_20240827 (460-310268-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/30/2024.

Trichloroethene failed the recovery criteria low for the MS of sample NL-MW-03_20240827MS (460-310268-1) in batch 460-993368.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.1		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.63	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I 8260D

JLi BL 9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	11		1.0	0.34
108-87-2	Methylcyclohexane	6.2		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.74	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	84		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

for 9/30/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

9/30/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water NL-MW-03_20240827 | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.0		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.58	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water NL-MW03_20240827 | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	10		1.0	0.34
108-87-2	Methylcyclohexane	6.4		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.69	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	77		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I 8260D

Lori Bea 9/20/2024

APPENDIX D

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

Inspector Name(s):	M. Jepsen and B. Quinn	**Date:**	8/27/2024
Time IN:	8:45 AM	**Time OUT:**	3:45 PM

General

Weather:	Temperature (°F):	Barometric Pressure:	Ambient Air PID (ppm):
Sunny	72-83	30.13 in. Hg	background = ND, basment = ND, 1st Floor = ND

When was the last rain event? **Monday August 26, 2024**

Is the blower currently operating? **Yes**

If no, please list reason/alarm condition:

Any evidence of system tampering, vandalism or damage in the basement? **No**

Any evidence of system tampering, vandalism or damage to the exhaust stack (view from 1st, 2nd floors, and exterior)? **No**

Were all cleanout/sampling port caps securely attached prior to system testing? **Yes**

If no, list location and contact Project Manager/Project Director.

Is the concrete floor slab overlying all of the SSDS pits and piping runs intact? **Yes**

If no, list location and contact Project Manager/Project Director.

SSDS and SVE Operations

VFD Setting: **35 Hz**

System Temperatures [1]

T-101; Pre-Blower Temperature (°F): **71°F**	T-102; Post-Blower Temperature(°F): **82°F**	TSH-102 (on screen) ;Enclosure Temperature (°F): **<104°F**
Condensate in Header (inches): **ND**	Condensate in 55-gallon drum (gallons): **ND**[2]	Transfer Pump Working? **Yes**
VI-110; Pre-Filter Pressure (inches H2O): **18"** VI-101; Post-Filter Pressure (inches H2O): **17.499"**	Vaccum Loss Across Blower (inches H_2O): **0.501"** Notable Change since last inspection?: **No (0.036")**	Basement fan working? **Yes**

Notes:

1. Normal system temperatures are <125°F for post-blower vapor and <104°F for internal temperature blower enclosure.

2. One 55-gallon drum used for purged groundwater is staged securely in the basement. All water in drum came from groundwater purging.

3. Gauge for Pre-Blower subject to slight deviations for vaccum reading.

PID - Photoionization Detector ppm - parts per million

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

SSDS and SVE Operations

Sample Identification	Sample Location	Pressure Reading [3] in. H_2O	Magnehelic Gauge [4] in. H_2O	Air Flow Reading [4] cfm	PID Reading [5] ppm	Butterfly Valve Position from Closed
SSDS-8	Basement Manifold [1]	-1.238	0.030	40	1.6	2
SSDS-6	Basement Manifold [1]	-1.915	0.080	65	2.2	2
SSDS-5	Basement Manifold [1]	-1.372	0.028	39	2.2	2
SSDS-4	Basement Manifold [1]	-1.769	0.020	32	2.0	2-3
SSDS-3	Basement Manifold [1]	-2.185	0.055	54	1.4	2-3
SSDS-2	Basement Manifold [1]	-2.081	0.033	42	0.8	2
SSDS-1	Basement Manifold [1]	-1.688	0.043	48	0.9	2
SVE-1	Basement Manifold [1]	-14.949	0.005	16	2.3	8
SSDS-7	Basement Manifold [1]	-2.694	0.005	16	0.5	2
Ambient Air in Basement	Basement	NA	NA	NA	0.0	NA
Pre-Blower (Combined)	Basement	-18.00	NA	NA	0.2	NA
Post-Blower (Stack) (Combined)	Basement	0.131	NA	NA	0.4	NA
MP-1	First Floor [2]	-1.185	NA	NA	0.0	NA
MP-2	First Floor [2]	-0.172	NA	NA	0.0	NA
MP-3	First Floor [2]	-0.028	NA	NA	0.0	NA
MP-4	First Floor [2]	-0.018	NA	NA	0.0	NA

Comments:

Notes:

1. System vacuum points located on the basement manifold are listed in as-built order from south to north, (viewed left to right when facing western basement wall.)

2. Monitoring point locations (see Figure 19 of the Site Management Plan):

MP-1: North central portion of first floor

MP-2: Southeastern portion of first floor; adjacent to entrance stairway

MP-3: Western portion of first floor

MP-4: South central portion of first floor

3. Under current VFD setting (35 Hz), anticipated system vacuums range between +/- 1.0 in. H_2O at sample locations SSDS-1 through SSDS-7, +/- 1.0 in H_2O at sample location SSDS-8, and +/- 10-15 in. H_2O at SVE-1. A minimum of -0.004 in. H_2O at monitoring points MP-1 through MP-4 . If observations are confirmed to be outside of this range, inform emergency contacts and prepare corrective action plan.

4. Air Flow Rate Calculation used to determine air flow in CFM based on gauge reading. During operations of the VFD at 35 Hz, normal system flow rates range between approximately 30 and 100 cfm sample locations SSDS-1 through SSDS-6 and SSDS-8 and between approximately 10 to 30 cfm for SVE-1 and SSDS-7 during system operation without carbon units attached. Both carbon units were removed from system in Q12016. If observations are confirmed to be outside of this range, inform emergency contacts immediately.

5. Air sampling pump and tedlar bags required to collect vapor samples.

NS - Not sampled

in. H2O - inches of water

cfm - cubic feet per minute

PID - Photoionization Detector

ppm - parts per million

GAC - granular activated carbon

NA - not applicable

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

System Vapor Samples:

Sample Location	Sample ID	Sample Date	Start Time	End Time	Notes
SSDS-8	NS	N/A	N/A	N/A	
SSDS-6	NS	N/A	N/A	N/A	
SSDS-5	NS	N/A	N/A	N/A	
SSDS-4	NS	N/A	N/A	N/A	
SSDS-3	NS	N/A	N/A	N/A	
SSDS-2	NS	N/A	N/A	N/A	
SSDS-1	NS	N/A	N/A	N/A	
SVE-1	NS	N/A	N/A	N/A	
SSDS-7	NS	N/A	N/A	N/A	
Total Influent	NS	N/A	N/A	N/A	
Duplicate	NS	N/A	N/A	N/A	
Total Effluent (Stack)	NS	N/A	N/A	N/A	

Notes: No samples collected during 08/27/2024 inspection.

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office) 917-991-4030 (cell)
Dustin Kapson	AKRF Project Manager	646-388-9767 (office) 646-823-5144 (cell)
James Rinzler	Owner's Representative	212-685-6500 (office)

APPENDIX B

GROUNDWATER SAMPLING COLLECTION AND LABORATORY DATA

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSIS

VOLATILE ORGANICS BY GC/MS 8260D

For Groundwater Samples Collected
August 27, 2024
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-310268-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

Ms. Claire Bearden/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.

September 20, 2024

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

Lori A. Beyer

(516) 523-7891; email LABValidation@aol.com

3200 Jerome Avenue, Bronx, New York – Groundwater Sampling
August 2024 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

1.0 Volatile Organics by GC/MS SW846 Method 8260D
- 1.1 Holding Time
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- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 1.4 Laboratory Control Sample/Laboratory Control Duplicate
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check (Tuning)
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- 1.12 Overall System Performance

APPENDICES:
A. Chain of Custody Document and Sample Receipt Checklist
B. Case Narrative
C. Validated Form I's with Qualifications

Introduction:
A validation was performed on groundwater samples and the associated quality control samples (MS, MSD, Field Duplicate, Field and Trip Blank) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples listed below. The groundwater samples were collected on August 27, 2024. The samples were analyzed utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of Volatile Organics.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Analysis	Date Collected/Received
NL-MW-03_20240827 [Plus, MS/MSD]	460-310268-1	Volatiles by 8260D	08/27/2024
NL-FB-01_20240817	460-310268-2	Volatiles by 8260D	08/27/2024
NL-TB-01_20240827	460-310268-3	Volatiles by 8260D	08/27/2024
NL-DUP_20240827 [Field Duplicate of NL-MW-03_20240827]	460-310268-4	Volatiles by 8260D	08/27/2024

Data Qualifier Definitions:
The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high. (Equis file qualified JK)

J- - The result is an estimated quantity, but the result may be biased low. (Equis file qualified JL)

D - Analyte concentration is from diluted analysis.

Sample Receipt:

The Chain of Custody document indicates that the samples were received at Eurofins Edison via courier upon completion of the sampling event on August 27, 2024. Sample login notes were generated. The cooler temperature for sample receipt was recorded upon receipt at Eurofins Edison and determined to be acceptable at <6.0 degrees C. The actual temperature for the cooler (0.9 degrees C) is recorded on the chain of custody document and the narrative discussion of the lab report. No problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good.

The EQUIS electronic spreadsheet included as a separate attachment includes all usable (qualified) and unusable (rejected) results for the samples identified above. The validated Form I's provided in Appendix C summarizes the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260D

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are considered valid and useable and noted in the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Samples were analyzed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis for acid/HCL preserved (pH <2) containers. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) were found to be within acceptable in-house laboratory limits for the four (4) surrogate compounds for all analyses.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analysis was conducted on NL-MW-3_20240827 as required. Trichloroethene (69%) recovered below laboratory limits in the matrix spike. Low recovery can be attributed to high parent concentration (84 ug/L) relative to spike amount (20 ug/L). Data was not qualified based on this outlier. Matrix spike duplicate recovery (86%) was within limits. RPD was also <30% for all spiked compounds.

The National Functional Guidelines and EPA Region 2 SOPs state that "No qualifications to the data are necessary based on MS data alone."

1.4 Laboratory Control Sample/Laboratory Control Duplicate

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Acceptable LCS/LCS Duplicate was analyzed. Recovery and RPD were acceptable for all spiked analytes.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

No target analytes were detected in the method blank associated with sample analysis.

B) **Field Blank Contamination:**

No target compounds were detected in NL-FB-01_20240827.

C) **Trip Blank Contamination:**

No target analytes were detected in NL-TB-01_20240827.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (once prior to ICAL for 8260D) for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detection for that compound in the corresponding samples will be rejected, "R." Method 8260D allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be /=>0.01 for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-chloropropane, Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane.

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and (>/= 0.01 for poor responders) and minimum response criteria in Table 4 of Method 8260D, for the initial and continuing calibrations for all reported analytes.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R," unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Closing CCV must meet 30% criteria. Poor responders must be </= 40%. Acceptable ICV was also analyzed.

*Method 8260D allows for several analytes to be outside requirements due to the large number of compounds analyzed by the method.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated with
that internal standard is qualified as estimated, "J," and all non-detects as "UJ," or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Samples were spiked with the internal standards TBA-d9, Fluorobenzene, 1,4-Dioxane-d8, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. For water samples an acceptable RPD is 25% for analyte concentrations greater than 2x the reporting limits. The following criteria are utilized for Field Duplicate analysis:

Criteria	Detected Compounds	Non-Detected Compounds
The RPD is within the limits of 0 and 25%	No qualification	No qualification
The RPD >25%	J in the parent and duplicate samples	Not applicable
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was </=2x the reporting limit	No qualification	No qualification
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample However, the detected concentration was >2x the reporting limit.	J in the parent or duplicate sample	UJ in the parent of duplicate sample

NL-MW-3_20240827 was selected for Field Duplicate analysis (NL-MW-Dup_20240827). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20240827	NL-MW-Dup_20240827
Benzene	4.1 ug/L	4.0 ug/L
Chloroform	0.63 ug/L	0.58 ug/L
Cis-1,2-Dichloroethene	2.8 ug/L	2.6 ug/L
Cyclohexane	13 ug/L	13 ug/L
Isopropylbenzene	11 ug/L	10 ug/L
Methylcyclohexane	6.2 ug/L	6.4 ug/L
MTBE	0.74 ug/L	0.69 ug/L
Trans-1,2-Dichloroethene	0.91 ug/L	0.91 ug/L
Trichloroethene	84 ug/L	77 ug/L

No qualifiers are required based on field duplicate data. Precision is acceptable.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846, response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were analyzed undiluted at 5mls.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Reviewer's Signature David A Bly **Date** 09/20/2024

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

Chain of Custody Record

685940

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jeorse	Site Contact: Brian Regan	Date: 08/27/24	COC No:
Company Name: AARF, Inc	Tel/Email: mjeorse@aarf.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S 7th fl	Analysis Turnaround Time			Sampler:
City/State/Zip: New York, NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: ~~236-766-9345~~ 614-560-5405	TAT if different from Below: standard			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 37th Jerome Ave	☐ 1 week			Job / SDG No. 460-310268
Site:	☐ 2 days			
PO# 11955	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs 8260	Sample Specific Notes:
NL-MW-03_20240827	08/27/24	1415	G	Gw	9		X	X	
NL-FB-01_20240827	"	1440	"	"	2			X	
NL-TB-01_20240827	"	0000	"	"	2			X	
NL-MW-DUP_20240827	"	1200	"	"	3			X	

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460-310268 Chain of Custody

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

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

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

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

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

Special Instructions/QC Requirements & Comments.

Cat B deliverables, EQUIS EDD, Lab to report project specific compound list

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

	Relinquished by	Company	Date/Time	Received by	Company	Date/Time
1	[signature]	AARF	08/27/24 1515	[signature]		8/27/24 1510
2	[signature]			[signature]	EET	8/27/24 1645
3	[signature]	EET	8/27/24 1845	[signature]	FEDEX	8/27/24 1845

NO ICE ER # 9 0.7/0.9

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-310268-1

Login Number: 310268
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

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

Appendix B
Case Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave

Report Number: 460-310268-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 8/27/2024 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples NL-MW-03_20240827 (460-310268-1), NL-FB-01_20240827 (460-310268-2), NL-TB-01_20240827 (460-310268-3) and NL-MW-DUP_20240827 (460-310268-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/30/2024.

Trichloroethene failed the recovery criteria low for the MS of sample NL-MW-03_20240827MS (460-310268-1) in batch 460-993368.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.1		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.63	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I 8260D

JLi BL 9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	11		1.0	0.34
108-87-2	Methylcyclohexane	6.2		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.74	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	84		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

for 9/30/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

9/30/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I 8260D

9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water NL-MW-03_20240827 | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.0		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.58	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I 8260D

9/20/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water NL-MW03_20240827 | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	10		1.0	0.34
108-87-2	Methylcyclohexane	6.4		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.69	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	77		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I 8260D

Lori Bea 9/20/2024

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSIS

VOLATILE ORGANICS BY GC/MS 8260D

For Groundwater Samples Collected
February 18, 2025
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-320734-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

Mark Jepsen/AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

cc: Brian Quinn/AKRF, Inc.

March 24, 2025

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

Lori A. Beyer

(516) 523-7891; email LABValidation@aol.com

3200 Jerome Avenue, Bronx, New York – Groundwater Sampling
February 2025 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

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APPENDICES:
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Introduction:

A validation was performed on groundwater samples and the associated quality control samples (MS, MSD, Field Duplicate, Field, and Trip Blank) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples listed below. The groundwater samples were collected on February 18, 2025. The samples were analyzed utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of Volatile Organics.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Analysis	Date Collected/Received
NL-MW-1E_20250218	460-320734-1	Volatiles by 8260D	02/18/2025
NL-MW-2E_20250218	460-320734-2	Volatiles by 8260D	02/18/2025
NL-MW-3_20250218 [Plus, MS/MSD]	460-320734-3	Volatiles by 8260D	02/18/2025
NL-MW-DUP_20250218 [Field Duplicate of NL-MW-3_20250219]	460-320734-4	Volatiles by 8260D	02/18/2025
NL-MW-TB-01_20250218	460-320734-5	Volatiles by 8260D	02/18/2025
NL-MW-FB-01_20250218	460-320734-6	Volatiles by 8260D	02/18/2025

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high. (Equis file qualified JK)

J- - The result is an estimated quantity, but the result may be biased low. (Equis file qualified JL)

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the samples were received at Eurofins Edison via courier upon completion of the sampling event on February 18, 2025. Sample login notes were generated. The cooler temperature for sample receipt was recorded upon receipt at Eurofins Edison and determined to be acceptable at <6.0 degrees C. The actual temperature for the cooler (4.4 degrees C) is recorded on the chain of custody document, and the narrative discussion of the lab report. No problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good.

The EQUIS electronic spreadsheet included as a separate attachment includes all usable (qualified) and unusable (rejected) results for the samples identified above. The validated Form I's provided in Appendix C summarizes the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260D
The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are considered valid and useable and noted in the following text:

1.1 Holding Time
The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Samples were analyzed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis for acid/HCL preserved (pH <2) containers. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 System Monitoring Compound (Surrogate) Recovery
All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) were found to be within acceptable in-house laboratory limits for the four (4) surrogate compounds for all analyses.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)
The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analysis was conducted on NL-MW-3_20250218 as required. Trichloroethene (34%/58%) recovered below laboratory limits in the matrix spike and matrix spike duplicate. Low recovery can be attributed to high parent concentration (71 ug/L) relative to spike amount (20 ug/L). Data was not qualified based on this outlier. RPD was <30% for all spiked compounds. No qualifiers were applied.

The National Functional Guidelines and EPA Region 2 SOPs state that "No qualifications to the data are necessary based on MS data alone."

1.4 Laboratory Control Sample/Laboratory Control Duplicate

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Acceptable LCS/LCS Duplicate was analyzed. Recovery and RPD were acceptable for all spiked analytes.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. The following table was utilized to qualify target analyte results due to contamination. The largest value of all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**
No target analytes were detected in the method blank associated with sample analysis.

B) **Field Blank Contamination:**
No target compounds were detected in NL-MW-FB-01_2025218.

C) **Trip Blank Contamination:**
Acetone (4.4 ug/L), and Chloromethane (0.61 ug/L) were detected in NL-MW-TB-01_20250218. These target compounds were not detected in field samples. The reported results are not impacted.

1.6 GC/MS Instrument Performance Check
GC/MS tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (once prior to ICAL for 8260D) for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations
Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks support that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detection for that compound in the corresponding samples will be rejected, "R." Method 8260D allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be /=>0.01 for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-chloropropane, Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane.

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and (>/= 0.01 for poor responders) and minimum response criteria for the initial and continuing calibrations for all reported analytes.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R," unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-

level results will be qualified, "J" in the portion of the curve where non-linearity exists. Closing CCV must meet 30% criteria. Poor responders must be </= 40%. Acceptable ICV was also analyzed. *Method 8260D allows for several analytes to be outside requirements due to the large number of compounds analyzed by the method.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated with
that internal standard is qualified as estimated, "J," and all non-detects as "UJ," or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Samples were spiked with the internal standards TBA-d9, Fluorobenzene, 1,4-Dioxane-d8, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. For water samples an acceptable RPD is 25% for analyte concentrations greater than 2x the reporting limits. The following criteria are utilized for Field Duplicate analysis:

Criteria	Detected Compounds	Non-Detected Compounds
The RPD is within the limits of 0 and 25%	No qualification	No qualification
The RPD >25%	J in the parent and duplicate samples	Not applicable
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was </=2x the reporting limit	No qualification	No qualification
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was >2x the reporting limit.	J in the parent or duplicate sample	UJ in the parent of duplicate sample

NL-MW-3_20250218 was selected for Field Duplicate analysis (NL-MW-DUP_20250218). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20250218	NL-MW-DUP_20250218
Benzene	5.4 ug/L	5.4 ug/L
Chloroform	0.35 ug/L	0.38 ug/L
Cis-1,2-Dichloroethene	4.0 ug/L	4.0 ug/L
Cyclohexane	15 ug/L	16 ug/L
Ethylbenzene	0.43 ug/L	0.45 ug/L
Isopropylbenzene	16 ug/L	17 ug/L
Methylcyclohexane	5.1 ug/L	6.0 ug/L
MTBE	0.73 ug/L	0.76 ug/L
Trans-1,2-Dichloroethene	1.4 ug/L	1.3 ug/L
Trichloroethene	71 ug/L	74 ug/L
Vinyl Chloride	0.38 ug/L	0.35 ug/L

No qualifiers are required based on field duplicate data. Precision is acceptable.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846, response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were analyzed undiluted at 5mls.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Reviewer's Signature Paul A. Bay **Date** 03/24/2025

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

Chain of Custody Record

GW 686716

eurofins | Environment Testing America

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jepsen	Site Contact: Brian Quinn	Date: 02/18/25	COC No:
Company Name: AECOM	Tel/Email: 336-266 9358 / MJepsen@AECOM.com	Lab Contact: Hales, Melissa	Carrier:	1 of 1 COCs
Address: 340 Park Ave S 7th Floor	Analysis Turnaround Time			Sampler:
City/State/Zip: NY, NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below Standard			Walk-in Client:
Fax:	☐ 2 weeks. ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling
Project Name: 3200 Jerome				Job / SDG No.
Site: 3200 Jerome Ave				
PO # 11754				320734

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOC 8260	Sample Specific Notes:
NL-MW-1E_20250218	2/18/25	9:20	G	GW	3			X	-1
NL-MW-2E_20250218		13:00			3			X	-2
NL-MW-3_20250218		11:45			9		X	X	-3
NL-MW-DUP_20250218		12:00			3			X	-4
NL-MW-TB-01_20250218		14:00		TB	2			X	-5
NL-MW-FB-01_20250218		14:05		FB	2			X	-6

460-320734 Chain of Custody

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

Possible Hazard Identification

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

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

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

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

Special Instructions/QC Requirements & Comments:

IGB to Report Project Specific Compound list CLOSE SDG, Cat B Deliverables

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AECOM	Date/Time: 02/18/25 1450	Received by:	Company: ESA	Date/Time: 2-18-25 1450
Relinquished by:	Company: ESA	Date/Time: 2-18-25 1700	Received by:	Company: EKI	Date/Time: 2-18-25 16:30
Relinquished by:	Company: EKI 2-18-25	Date/Time: 18:00	Received in Laboratory by:	Company: EGG	Date/Time: 2/18/25 1800

no/es re # a 42/4.4

ELMSFORD 272

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-320734-1

Login Number: 320734
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

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

Appendix B
Case Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-320734-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 2/18/2025 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples NL-MW-1E_20250218 (460-320734-1), NL-MW-2E_20250218 (460-320734-2), NL-MW-3_20250218 (460-320734-3), NL-MW-DUP_20250218 (460-320734-4), NL-MW-TB-01_20250218 (460-320734-5) and NL-MW-FB-01_20250218 (460-320734-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/23/2025.

Trichloroethene failed the recovery criteria low for the MS/MSD of sample NL-MW-3_20250218MS (460-320734-3) in batch 460-1022545.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-1E_20250218 | Lab Sample ID: 460-320734-1

Matrix: Water | Lab File ID: J13323.D

Analysis Method: 8260D | Date Collected: 02/18/2025 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.44	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

3/23/2025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-1E_20250218 | Lab Sample ID: 460-320734-1

Matrix: Water | Lab File ID: J13323.D

Analysis Method: 8260D | Date Collected: 02/18/2025 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.73	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	5.3		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I 8260D

3/23/2025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-2E_20250218 | Lab Sample ID: 460-320734-2

Matrix: Water | Lab File ID: J13324.D

Analysis Method: 8260D | Date Collected: 02/18/2025 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

3/23/2025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-2E_20250218 | Lab Sample ID: 460-320734-2

Matrix: Water | Lab File ID: J13324.D

Analysis Method: 8260D | Date Collected: 02/18/2025 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	5.5		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I 8260D

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 | Lab Sample ID: 460-320734-3

Matrix: Water | Lab File ID: J13325.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	5.4		0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.35	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	4.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	15		1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 | Lab Sample ID: 460-320734-3

Matrix: Water | Lab File ID: J13325.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.43	J	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	16		1.0	0.34
108-87-2	Methylcyclohexane	5.1		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.73	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	71		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.38	J	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-DUP_20250218 | Lab Sample ID: 460-320734-4

Matrix: Water NL-MW-3_20250218 | Lab File ID: J13326.D

Analysis Method: 8260D | Date Collected: 02/18/2025 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	5.4		0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.38	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	4.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	16		1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-DUP_20250218 | Lab Sample ID: 460-320734-4

Matrix: Water NL-MW-3_20250218 | Lab File ID: J13326.D

Analysis Method: 8260D | Date Collected: 02/18/2025 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.45	J	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	17		1.0	0.34
108-87-2	Methylcyclohexane	6.0		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.76	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	74		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.35	J	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20250218 | Lab Sample ID: 460-320734-5

Matrix: Water | Lab File ID: J13327.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	J	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.61	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20250218 | Lab Sample ID: 460-320734-5

Matrix: Water | Lab File ID: J13327.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	0.074	U	0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20250218 | Lab Sample ID: 460-320734-6

Matrix: Water | Lab File ID: J13328.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

3/23/2025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20250218 | Lab Sample ID: 460-320734-6

Matrix: Water | Lab File ID: J13328.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	0.074	U	0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

FORM I 8260D

3/23/2025

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-1E**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	GDM		
Date:	2/18/2025	**Sampling Time:**	0920		
PID at surface:	ND				
Total Depth:	30.80 ft. below top of casing	**Water Column (WC):**	8.90 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	21.90 ft. below top of casing	**Well Volume*:**	1.45 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	1.5 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen:	25 ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen:	30 ft. below top of casing	**Purging Device (pump type):**			
Approx. Pump Intake:	ft. below top of casing	QED Sample Pro Bladder Pump			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
9:00	22.55	189	14.20	1.050	5.05	6.88	234.3	16.20	No odors or sheen
9:05	22.55	189	14.40	1.047	5.03	6.88	235.6	15.74	
9:10	22.55	189	14.30	1.115	4.48	6.81	244.2	20.40	
9:15	22.55	189	14.60	1.286	3.57	6.79	250.2	31.80	
9:20	SAMPLING								
Post	22.55	189	14.60	1.344	2.74	6.72	252.60	31.39	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater sample NL-MW-1E_20250218 analyzed for: TCL VOCs by EPA Method 8260.

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-2E**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	GDM		
Date:	2/18/2025	**Sampling Time:**	1300		
PID at surface:	ND				
Total Depth:	24.25 ft. below top of casing	**Water Column (WC):**	1.70 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	22.55 ft. below top of casing	**Well Volume*:**	0.28 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	0.5 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen:	20 ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen:	25 ft. below top of casing	**Purging Device (pump type):**			
Approx. Pump Intake:	ft. below top of casing	QED Sample Pro Bladder Pump			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
									No odors or sheen. Well went dry after 5-10 minutes and water quality parameters were unable to be collected. A bailer was used for sampling.
	SAMPLING								
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater sample NL-MW-2E_20250218 analyzed for: TCL VOCs by EPA Method 8260.

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-3**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	GDM		
Date:	2/18/2025	**Sampling Time:**	1145		
PID at surface:	ND				
Total Depth:	23.00 ft. below top of casing	**Water Column (WC):**	2.80 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	20.20 ft. below top of casing	**Well Volume*:**	0.46 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	1.5 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen:	18 ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen:	23 ft. below top of casing	**Purging Device (pump type):**			
Approx. Pump Intake:	N/A ft. below top of casing	QED Sample Pro Bladder Pump			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:10	20.20	113.56	16.9	2.795	1.17	6.87	275.00	128.00	No odors or sheen. Blind Duplicate sample collected.
11:15	20.20	113.56	16.9	2.819	6.77	6.97	207.10	66.80	
11:20	20.20	113.56	16.9	2.809	5.30	6.99	130.50	29.53	
11:25	21.10	113.56	17.0	2.799	5.17	6.99	104.30	17.39	
11:30	21.10	113.56	17.0	2.788	5.07	7.00	89.30	12.27	
11:35	21.10	113.56	17.0	2.781	4.70	7.00	85.30	11.20	
11:40	21.10	113.56	17.0	2.781	4.71	7.00	84.40	9.28	
11:45	Sampling								
11:55	21.20	113.56	17.0	2.771	3.24	7.01	59.60	7.82	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater sample NL-MW-3_20250218 analyzed for: TCL VOCs by EPA Method 8260. QA/QC samples collected

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-3**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	B. Quinn		
Date:	8/27/2024	**Sampling Time:**	1415		
PID at surface:	ND				
Total Depth:	22.90 ft. below top of casing	**Water Column (WC):**	4.45 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.45 ft. below top of casing	**Well Volume*:**	0.73 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	3.25 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen:	18 ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen:	23 ft. below top of casing	**Purging Device (pump type):**			
Approx. Pump Intake:	21.00 ft. below top of casing	QED Sample Pro Bladder Pump			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:30	18.53	100	16.60	2.940	5.91	6.17	-170.8	284.60	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20240827" collected.
13:35	18.53	100	16.50	2.935	5.99	6.15	-164.1	315.67	
13:40	18.53	100	16.50	2.931	6.10	6.14	-158.9	387.41	
13:45	18.53	100	16.50	2.928	6.27	6.14	-152.3	434.36	
13:50	18.53	100	16.50	2.926	5.09	6.13	-147.6	94.60	
13:55	18.53	100	16.50	2.926	4.25	6.12	-140.2	68.26	
14:00	18.53	100	16.40	2.925	4.11	6.14	-139.4	47.34	
14:05	18.53	100	16.40	2.925	3.96	6.16	-139.1	38.26	
14:10	18.53	100	16.40	2.925	3.86	6.16	-138.8	37.40	
14:15	Sampling								
Post	18.53	100	16.4	2.921	3.70	6.16	-138.0	30	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater sample NL-MW-03_20240827 analyzed for: TCL VOCs by EPA Method 8260.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark Jepsen
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 8/31/2024 10:10 PM

JOB DESCRIPTION

3200 Jerome Ave

JOB NUMBER

460-310268-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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Compliance Statement

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

Authorization



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

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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave

Report Number: 460-310268-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 8/27/2024 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples NL-MW-03_20240827 (460-310268-1), NL-FB-01_20240827 (460-310268-2), NL-TB-01_20240827 (460-310268-3) and NL-MW-DUP_20240827 (460-310268-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/30/2024.

Trichloroethene failed the recovery criteria low for the MS of sample NL-MW-03_20240827MS (460-310268-1) in batch 460-993368.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-310268-1	NL-MW-03_20240827	Water	08/27/24 14:15	08/27/24 18:45
460-310268-2	NL-FB-01_20240827	Water	08/27/24 14:40	08/27/24 18:45
460-310268-3	NL-TB-01_20240827	Water	08/27/24 00:00	08/27/24 18:45
460-310268-4	NL-MW-DUP_20240827	Water	08/27/24 12:00	08/27/24 18:45

Detection Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave

Job ID: 460-310268-1

Client Sample ID: NL-MW-03_20240827 — Lab Sample ID: 460-310268-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.63	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.8		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	13		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	11		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	6.2		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.74	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.91	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	84		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: NL-FB-01_20240827 — Lab Sample ID: 460-310268-2

No Detections.

Client Sample ID: NL-TB-01_20240827 — Lab Sample ID: 460-310268-3

No Detections.

Client Sample ID: NL-MW-DUP_20240827 — Lab Sample ID: 460-310268-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.0		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.58	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.6		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	13		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	10		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	6.4		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.69	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.91	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	77		1.0	0.31	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: NL-MW-03_20240827

Date Collected: 08/27/24 14:15
Date Received: 08/27/24 18:45

Lab Sample ID: 460-310268-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 17:21	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 17:21	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 17:21	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 17:21	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 17:21	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 17:21	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 17:21	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 17:21	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 17:21	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 17:21	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 17:21	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:21	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 17:21	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 17:21	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 17:21	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 17:21	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 17:21	1
Benzene	**4.1**		1.0	0.20	ug/L			08/30/24 17:21	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 17:21	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 17:21	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 17:21	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 17:21	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 17:21	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 17:21	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:21	1
Chloroform	**0.63**	**J**	1.0	0.33	ug/L			08/30/24 17:21	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 17:21	1
cis-1,2-Dichloroethene	**2.8**		1.0	0.22	ug/L			08/30/24 17:21	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:21	1
Cyclohexane	**13**		1.0	0.32	ug/L			08/30/24 17:21	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 17:21	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 17:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 17:21	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 17:21	1
Isopropylbenzene	**11**		1.0	0.34	ug/L			08/30/24 17:21	1
Methylcyclohexane	**6.2**		1.0	0.71	ug/L			08/30/24 17:21	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 17:21	1
MTBE	**0.74**	**J**	1.0	0.22	ug/L			08/30/24 17:21	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 17:21	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 17:21	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 17:21	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			08/30/24 17:21	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:21	1
Trichloroethene	**84**		1.0	0.31	ug/L			08/30/24 17:21	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:21	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 17:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*08/30/24 17:21*	*1*

Client Sample ID: NL-MW-03_20240827
Lab Sample ID: 460-310268-1

Date Collected: 08/27/24 14:15
Matrix: Water
Date Received: 08/27/24 18:45

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Bromofluorobenzene	*102*		*76 - 120*		*08/30/24 17:21*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/30/24 17:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/30/24 17:21*	*1*

Client Sample ID: NL-FB-01_20240827
Lab Sample ID: 460-310268-2

Date Collected: 08/27/24 14:40
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 16:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 16:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 16:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 16:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 16:41	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 16:41	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 16:41	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 16:41	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 16:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 16:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 16:41	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 16:41	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 16:41	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 16:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 16:41	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 16:41	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 16:41	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 16:41	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 16:41	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 16:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 16:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 16:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 16:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 16:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 16:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 16:41	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 16:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 16:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 16:41	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 16:41	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 16:41	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 16:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 16:41	1

Client Sample ID: NL-FB-01_20240827
Lab Sample ID: 460-310268-2

Date Collected: 08/27/24 14:40
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 16:41	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 16:41	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 16:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 16:41	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 16:41	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 16:41	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 16:41	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*08/30/24 16:41*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*08/30/24 16:41*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*08/30/24 16:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/30/24 16:41*	*1*

Client Sample ID: NL-TB-01_20240827
Lab Sample ID: 460-310268-3

Date Collected: 08/27/24 00:00
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 17:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 17:01	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 17:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 17:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 17:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 17:01	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 17:01	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 17:01	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 17:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 17:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 17:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 17:01	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 17:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 17:01	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 17:01	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 17:01	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 17:01	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 17:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 17:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 17:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 17:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 17:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 17:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 17:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 17:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1

Client Sample ID: NL-TB-01_20240827
Lab Sample ID: 460-310268-3

Date Collected: 08/27/24 00:00
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 17:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 17:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 17:01	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 17:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:01	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 17:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 17:01	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 17:01	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 17:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 17:01	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 17:01	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 17:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*08/30/24 17:01*	*1*
Bromofluorobenzene	*101*		*76 - 120*		*08/30/24 17:01*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/30/24 17:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/30/24 17:01*	*1*

Client Sample ID: NL-MW-DUP_20240827
Lab Sample ID: 460-310268-4

Date Collected: 08/27/24 12:00
Matrix: Water
Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 17:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 17:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 17:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 17:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 17:41	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 17:41	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 17:41	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 17:41	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 17:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 17:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 17:41	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 17:41	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 17:41	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 17:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 17:41	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 17:41	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 17:41	1
Benzene	**4.0**		1.0	0.20	ug/L			08/30/24 17:41	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 17:41	1

Client Sample ID: NL-MW-DUP_20240827
Lab Sample ID: 460-310268-4

Date Collected: 08/27/24 12:00
Matrix: Water

Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 17:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 17:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 17:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 17:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 17:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:41	1
Chloroform	**0.58**	**J**	1.0	0.33	ug/L			08/30/24 17:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 17:41	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.22	ug/L			08/30/24 17:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:41	1
Cyclohexane	**13**		1.0	0.32	ug/L			08/30/24 17:41	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 17:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 17:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 17:41	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 17:41	1
Isopropylbenzene	**10**		1.0	0.34	ug/L			08/30/24 17:41	1
Methylcyclohexane	**6.4**		1.0	0.71	ug/L			08/30/24 17:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 17:41	1
MTBE	**0.69**	**J**	1.0	0.22	ug/L			08/30/24 17:41	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 17:41	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 17:41	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 17:41	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			08/30/24 17:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 17:41	1
Trichloroethene	**77**		1.0	0.31	ug/L			08/30/24 17:41	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 17:41	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 17:41	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*08/30/24 17:41*	*1*
Bromofluorobenzene	*102*		*76 - 120*		*08/30/24 17:41*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*08/30/24 17:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/30/24 17:41*	*1*

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave

Job ID: 460-310268-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-310268-1	NL-MW-03_20240827	97	102	98	100
460-310268-1 MS	NL-MW-03_20240827	100	102	100	99
460-310268-1 MSD	NL-MW-03_20240827	98	100	99	98
460-310268-2	NL-FB-01_20240827	99	99	101	99
460-310268-3	NL-TB-01_20240827	100	101	100	99
460-310268-4	NL-MW-DUP_20240827	96	102	96	99
LCS 460-993368/17	Lab Control Sample	95	101	101	100
MB 460-993368/21	Method Blank	95	100	98	100

Surrogate Legend

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

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

Lab Sample ID: MB 460-993368/21
Matrix: Water
Analysis Batch: 993368

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 15:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 15:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 15:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 15:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 15:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 15:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 15:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 15:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 15:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 15:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 15:23	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 15:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 15:23	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 15:23	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 15:23	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 15:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 15:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 15:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 15:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 15:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 15:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 15:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 15:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 15:23	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 15:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 15:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 15:23	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 15:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 15:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 15:23	1

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

Lab Sample ID: MB 460-993368/21
Matrix: Water
Analysis Batch: 993368

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*08/30/24 15:23*	*1*
Bromofluorobenzene	*100*		*76 - 120*		*08/30/24 15:23*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/30/24 15:23*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/30/24 15:23*	*1*

Lab Sample ID: LCS 460-993368/17
Matrix: Water
Analysis Batch: 993368

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.9		ug/L		109	63 - 139
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	74 - 125
1,1-Dichloroethane	20.0	20.6		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	19.7		ug/L		99	68 - 133
1,2,4-Trichlorobenzene	20.0	22.3		ug/L		112	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.1		ug/L		105	58 - 132
1,2-Dibromoethane	20.0	20.5		ug/L		103	79 - 126
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
1,2-Dichloroethane	20.0	19.1		ug/L		96	66 - 129
1,2-Dichloropropane	20.0	21.3		ug/L		106	72 - 128
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
2-Butanone	100	97.2		ug/L		97	65 - 142
2-Hexanone	100	106		ug/L		106	72 - 134
4-Methyl-2-pentanone	100	104		ug/L		104	77 - 130
Acetone	100	96.2		ug/L		96	60 - 133
Benzene	20.0	20.4		ug/L		102	71 - 126
Bromodichloromethane	20.0	21.1		ug/L		105	76 - 121
Bromoform	20.0	22.4		ug/L		112	58 - 128
Bromomethane	20.0	19.7		ug/L		98	33 - 150
Carbon disulfide	20.0	18.4		ug/L		92	35 - 150
Carbon tetrachloride	20.0	24.0		ug/L		120	65 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 120
Chloroethane	20.0	18.5		ug/L		92	54 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	78 - 121
cis-1,3-Dichloropropene	20.0	20.3		ug/L		101	74 - 125
Cyclohexane	20.0	23.1		ug/L		115	64 - 142
Dibromochloromethane	20.0	21.8		ug/L		109	73 - 121
Dichlorodifluoromethane	20.0	18.4		ug/L		92	38 - 144
Ethylbenzene	20.0	21.1		ug/L		106	78 - 120
Freon TF	20.0	24.0		ug/L		120	65 - 142
Isopropylbenzene	20.0	24.3		ug/L		121	79 - 125
Methylcyclohexane	20.0	23.6		ug/L		118	63 - 138
Methylene Chloride	20.0	19.3		ug/L		96	74 - 127
MTBE	20.0	19.9		ug/L		100	72 - 131

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

Lab Sample ID: LCS 460-993368/17
Matrix: Water
Analysis Batch: 993368

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			20.0	22.0		ug/L		110	82 - 127		
Tetrachloroethene			20.0	21.6		ug/L		108	70 - 127		
Toluene			20.0	18.6		ug/L		93	78 - 120		
trans-1,2-Dichloroethene			20.0	20.0		ug/L		100	70 - 126		
trans-1,3-Dichloropropene			20.0	22.5		ug/L		113	71 - 127		
Trichloroethene			20.0	20.7		ug/L		103	73 - 121		
Trichlorofluoromethane			20.0	21.5		ug/L		108	62 - 134		
Vinyl chloride			20.0	21.6		ug/L		108	55 - 144		
Xylenes, Total			40.0	43.5		ug/L		109	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-310268-1 MS
Matrix: Water
Analysis Batch: 993368

Client Sample ID: NL-MW-03_20240827
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	0.24	U	20.0	21.8		ug/L		109	72 - 128		
1,1,2,2-Tetrachloroethane	0.37	U	20.0	21.9		ug/L		110	63 - 139		
1,1,2-Trichloroethane	0.20	U	20.0	21.5		ug/L		108	74 - 125		
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		104	73 - 130		
1,1-Dichloroethene	0.26	U	20.0	18.5		ug/L		92	68 - 133		
1,2,4-Trichlorobenzene	0.37	U	20.0	22.3		ug/L		112	67 - 132		
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	23.3		ug/L		117	58 - 132		
1,2-Dibromoethane	0.50	U	20.0	21.6		ug/L		108	79 - 126		
1,2-Dichlorobenzene	0.21	U	20.0	21.1		ug/L		105	80 - 120		
1,2-Dichloroethane	0.43	U	20.0	19.9		ug/L		99	66 - 129		
1,2-Dichloropropane	0.35	U	20.0	20.9		ug/L		104	72 - 128		
1,3-Dichlorobenzene	0.34	U	20.0	21.1		ug/L		106	80 - 120		
1,4-Dichlorobenzene	0.33	U	20.0	21.2		ug/L		106	80 - 120		
2-Butanone	1.9	U	100	98.5		ug/L		99	65 - 142		
2-Hexanone	1.1	U	100	119		ug/L		119	72 - 134		
4-Methyl-2-pentanone	1.3	U	100	114		ug/L		114	77 - 130		
Acetone	4.4	U	100	87.8		ug/L		88	60 - 133		
Benzene	4.1		20.0	23.3		ug/L		96	71 - 126		
Bromodichloromethane	0.34	U	20.0	20.8		ug/L		104	76 - 121		
Bromoform	0.54	U	20.0	23.8		ug/L		119	58 - 128		
Bromomethane	0.55	U	20.0	19.1		ug/L		96	33 - 150		
Carbon disulfide	0.82	U	20.0	17.4		ug/L		87	35 - 150		
Carbon tetrachloride	0.21	U	20.0	23.9		ug/L		119	65 - 131		
Chlorobenzene	0.38	U	20.0	21.1		ug/L		106	80 - 120		
Chloroethane	0.32	U	20.0	17.5		ug/L		87	54 - 150		
Chloroform	0.63	J	20.0	21.1		ug/L		102	78 - 125		
Chloromethane	0.40	U	20.0	19.1		ug/L		96	43 - 149		

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

Lab Sample ID: 460-310268-1 MS
Matrix: Water
Analysis Batch: 993368

Client Sample ID: NL-MW-03_20240827
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	2.8		20.0	21.6		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	21.4		ug/L		107	74 - 125
Cyclohexane	13		20.0	28.7		ug/L		76	64 - 142
Dibromochloromethane	0.28	U	20.0	22.4		ug/L		112	73 - 121
Dichlorodifluoromethane	0.31	U	20.0	8.48		ug/L		42	38 - 144
Ethylbenzene	0.30	U	20.0	21.3		ug/L		107	78 - 120
Freon TF	0.31	U	20.0	17.7		ug/L		88	65 - 142
Isopropylbenzene	11		20.0	31.1		ug/L		102	79 - 125
Methylcyclohexane	6.2		20.0	24.8		ug/L		93	63 - 138
Methylene Chloride	0.32	U	20.0	20.0		ug/L		100	74 - 127
MTBE	0.74	J	20.0	20.8		ug/L		100	72 - 131
Styrene	0.42	U	20.0	21.5		ug/L		107	82 - 127
Tetrachloroethene	0.25	U	20.0	21.9		ug/L		110	70 - 127
Toluene	0.38	U	20.0	18.9		ug/L		95	78 - 120
trans-1,2-Dichloroethene	0.91	J	20.0	21.0		ug/L		100	70 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	21.7		ug/L		109	71 - 127
Trichloroethene	84		20.0	98.0	*	ug/L		69	73 - 121
Trichlorofluoromethane	0.32	U	20.0	14.8		ug/L		74	62 - 134
Vinyl chloride	0.17	U	20.0	16.9		ug/L		84	55 - 144
Xylenes, Total	0.65	U	40.0	43.5		ug/L		109	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-310268-1 MSD
Matrix: Water
Analysis Batch: 993368

Client Sample ID: NL-MW-03_20240827
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	23.7		ug/L		118	72 - 128	8	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	23.7		ug/L		118	63 - 139	8	30
1,1,2-Trichloroethane	0.20	U	20.0	22.6		ug/L		113	74 - 125	5	30
1,1-Dichloroethane	0.26	U	20.0	22.0		ug/L		110	73 - 130	6	30
1,1-Dichloroethene	0.26	U	20.0	20.8		ug/L		104	68 - 133	12	30
1,2,4-Trichlorobenzene	0.37	U	20.0	24.2		ug/L		121	67 - 132	8	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	24.4		ug/L		122	58 - 132	5	30
1,2-Dibromoethane	0.50	U	20.0	22.2		ug/L		111	79 - 126	2	30
1,2-Dichlorobenzene	0.21	U	20.0	22.4		ug/L		112	80 - 120	6	30
1,2-Dichloroethane	0.43	U	20.0	20.8		ug/L		104	66 - 129	5	30
1,2-Dichloropropane	0.35	U	20.0	21.5		ug/L		107	72 - 128	3	30
1,3-Dichlorobenzene	0.34	U	20.0	21.9		ug/L		109	80 - 120	3	30
1,4-Dichlorobenzene	0.33	U	20.0	22.0		ug/L		110	80 - 120	4	30
2-Butanone	1.9	U	100	103		ug/L		103	65 - 142	5	30
2-Hexanone	1.1	U	100	126		ug/L		126	72 - 134	5	30
4-Methyl-2-pentanone	1.3	U	100	122		ug/L		122	77 - 130	7	30

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

Lab Sample ID: 460-310268-1 MSD
Client Sample ID: NL-MW-03_20240827
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 993368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	98.2		ug/L		98	60 - 133	11	30
Benzene	4.1		20.0	24.9		ug/L		104	71 - 126	7	30
Bromodichloromethane	0.34	U	20.0	21.4		ug/L		107	76 - 121	3	30
Bromoform	0.54	U	20.0	24.7		ug/L		124	58 - 128	4	30
Bromomethane	0.55	U	20.0	20.3		ug/L		101	33 - 150	6	30
Carbon disulfide	0.82	U	20.0	19.6		ug/L		98	35 - 150	12	30
Carbon tetrachloride	0.21	U	20.0	26.1		ug/L		131	65 - 131	9	30
Chlorobenzene	0.38	U	20.0	22.4		ug/L		112	80 - 120	6	30
Chloroethane	0.32	U	20.0	19.0		ug/L		95	54 - 150	8	30
Chloroform	0.63	J	20.0	22.6		ug/L		110	78 - 125	7	30
Chloromethane	0.40	U	20.0	21.8		ug/L		109	43 - 149	13	30
cis-1,2-Dichloroethene	2.8		20.0	23.7		ug/L		105	78 - 121	9	30
cis-1,3-Dichloropropene	0.22	U	20.0	22.1		ug/L		111	74 - 125	3	30
Cyclohexane	13		20.0	32.5		ug/L		95	64 - 142	12	30
Dibromochloromethane	0.28	U	20.0	24.1		ug/L		121	73 - 121	7	30
Dichlorodifluoromethane	0.31	U	20.0	9.92		ug/L		50	38 - 144	16	30
Ethylbenzene	0.30	U	20.0	22.9		ug/L		114	78 - 120	7	30
Freon TF	0.31	U	20.0	20.4		ug/L		102	65 - 142	14	30
Isopropylbenzene	11		20.0	33.1		ug/L		112	79 - 125	6	30
Methylcyclohexane	6.2		20.0	28.2		ug/L		110	63 - 138	13	30
Methylene Chloride	0.32	U	20.0	22.0		ug/L		110	74 - 127	10	30
MTBE	0.74	J	20.0	22.3		ug/L		108	72 - 131	7	30
Styrene	0.42	U	20.0	22.7		ug/L		114	82 - 127	6	30
Tetrachloroethene	0.25	U	20.0	22.8		ug/L		114	70 - 127	4	30
Toluene	0.38	U	20.0	19.9		ug/L		100	78 - 120	5	30
trans-1,2-Dichloroethene	0.91	J	20.0	22.8		ug/L		109	70 - 126	8	30
trans-1,3-Dichloropropene	0.22	U	20.0	22.7		ug/L		113	71 - 127	4	30
Trichloroethene	84		20.0	101		ug/L		86	73 - 121	3	30
Trichlorofluoromethane	0.32	U	20.0	16.6		ug/L		83	62 - 134	11	30
Vinyl chloride	0.17	U	20.0	19.4		ug/L		97	55 - 144	14	30
Xylenes, Total	0.65	U	40.0	46.3		ug/L		116	80 - 120	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

GC/MS VOA

Analysis Batch: 993368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-310268-1	NL-MW-03_20240827	Total/NA	Water	8260D	
460-310268-2	NL-FB-01_20240827	Total/NA	Water	8260D	
460-310268-3	NL-TB-01_20240827	Total/NA	Water	8260D	
460-310268-4	NL-MW-DUP_20240827	Total/NA	Water	8260D	
MB 460-993368/21	Method Blank	Total/NA	Water	8260D	
LCS 460-993368/17	Lab Control Sample	Total/NA	Water	8260D	
460-310268-1 MS	NL-MW-03_20240827	Total/NA	Water	8260D	
460-310268-1 MSD	NL-MW-03_20240827	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

Client Sample ID: NL-MW-03_20240827
Lab Sample ID: 460-310268-1
Date Collected: 08/27/24 14:15
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 17:21

Client Sample ID: NL-FB-01_20240827
Lab Sample ID: 460-310268-2
Date Collected: 08/27/24 14:40
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 16:41

Client Sample ID: NL-TB-01_20240827
Lab Sample ID: 460-310268-3
Date Collected: 08/27/24 00:00
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 17:01

Client Sample ID: NL-MW-DUP_20240827
Lab Sample ID: 460-310268-4
Date Collected: 08/27/24 12:00
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 17:41

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-310268-1
Project/Site: 3200 Jerome Ave

Laboratory: Eurofins Edison

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

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00172	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00023	09/15/24	08/15/24	MeOH, Lot EI434-US	10 mL	7 Freons_00005	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00017	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	7 Freons_00005	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00183	08/31/24	08/13/24	MeOH, Lot EI434-US	10 mL	KetonesC SS_00016	200 uL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00024	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00029	1 mL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	Mega Mix_00041	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
ACROLEIN W_00173	09/24/24	08/24/24	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00128	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00014	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00036							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	BFB	50 ug/mL
							Bromofluorobenzene	50 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		BFB	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
Ethanol mix_00092	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	ETHANOL(new)_00024	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00583	09/03/24	08/27/24	MeOH, Lot EI434-US	10 mL	GASES SS_00027	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00027	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00477	09/05/24	08/22/24	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00600	09/03/24	08/27/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00152	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00179	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00029	1 mL	2-Butanone	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2500 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dibromoethane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Freon TF	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							MTBE	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00076	10/27/24	08/27/24	MeOH, Lot EI863-US	10 mL	8260 SURR C_00064	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00206	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00064	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00206	06/30/29		RESTEK, Lot A0212332		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

14DIOXNEAT_00004

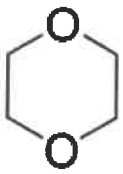
Supelco

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

2-CEVEC_00030

R2510

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0208368

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,521.0 µg/mL	+/- 31.3743

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00005

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R2518

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	65833	**Solvent(s):**	**Lot#**	
Lot Number:	040723	Methanol	EF282-USQ5	
Description:	Freon Standard Rev 1 7 components			
Expiration Date:	040726			
Recommended Storage:	Freezer (0 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00064

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R25193

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00206

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Certificate of Analysis

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R2537
7/30/24 MS
1191692

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00025

R2511

RESTEK

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Reagent

Acrylonitrile_00010

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

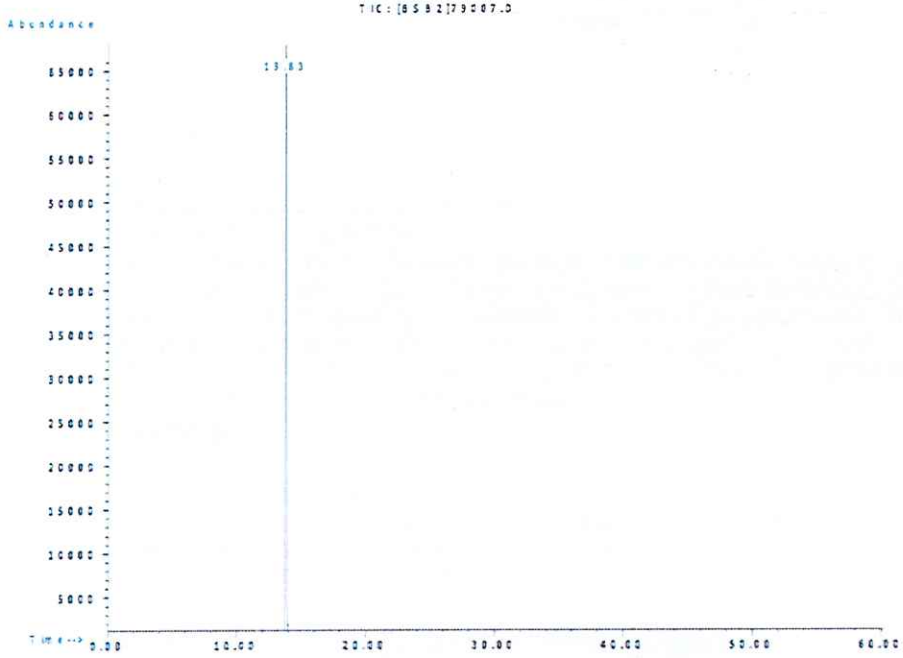
Eli Aliaga		061523
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		061523
Reviewed By:	Pedro L. Rentas	DATE

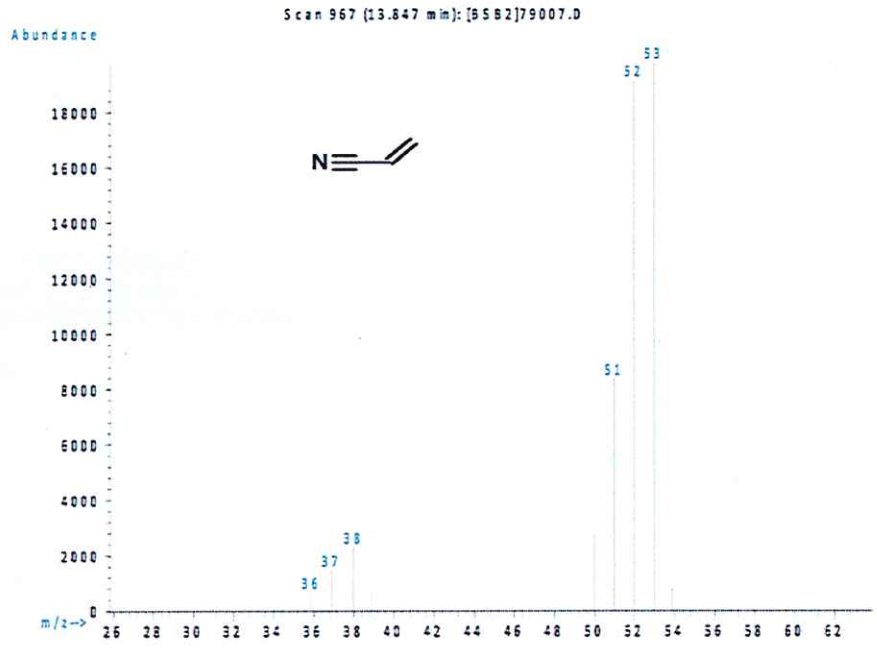
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

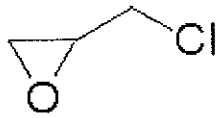
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Email USA: techserv@sial.com
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Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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ETHANOL(new)_00024

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R2528

MS 6/6/24 #11794800

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00023

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

R2517

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

5E-05 Balance Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

GASES C_00041

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MS 6/6/24 # 11794792

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00027

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R2524

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9537
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00016

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Certificate of Analysis

chromatographic plus

MS 11/7/23 R2444 #11295656

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Page 63 of 501

Reagent

KetonesC_00029

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Certificate of Analysis

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R2530
MS 7/3/24 # 11859472

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00022

R2513

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Fax: 1-814-353-1309

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 67 of 301

Reagent

LIST2/STD7_00025

R2514

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 03 of 301

Reagent

Mega Mix SS_00021

R2477

RESTEK

110 Benner Circle
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Fax: 1-814-353-1309

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Certificate of Analysis

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Reagent

Mega Mix_00041

RESTEK
110 Benner Circle
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R2509

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00029

R2512

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00100

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MS 5/8/24

11721736

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

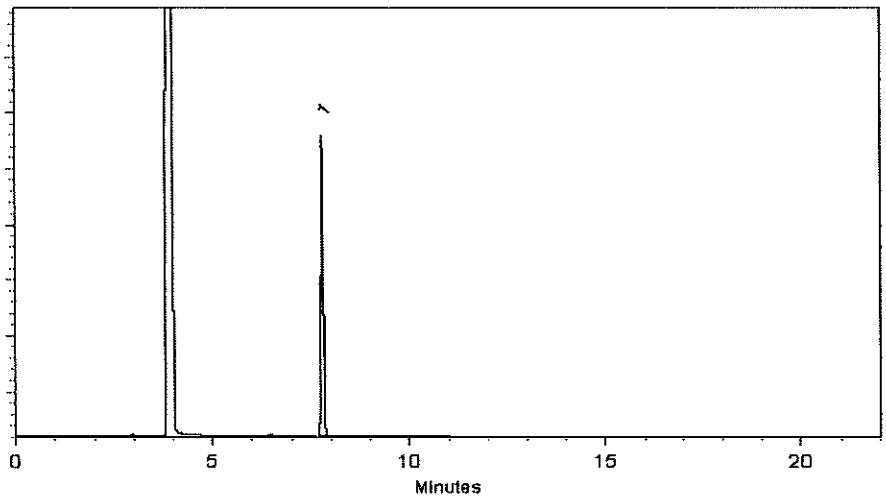
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Creighead - Mix Technician

Date Mixed: 27-Mar-2024 **Balance Serial #** B251644995

Amanda Miller - Operations Tech III - ARM QC

Date Passed: 29-Mar-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VMC21SU_00011

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

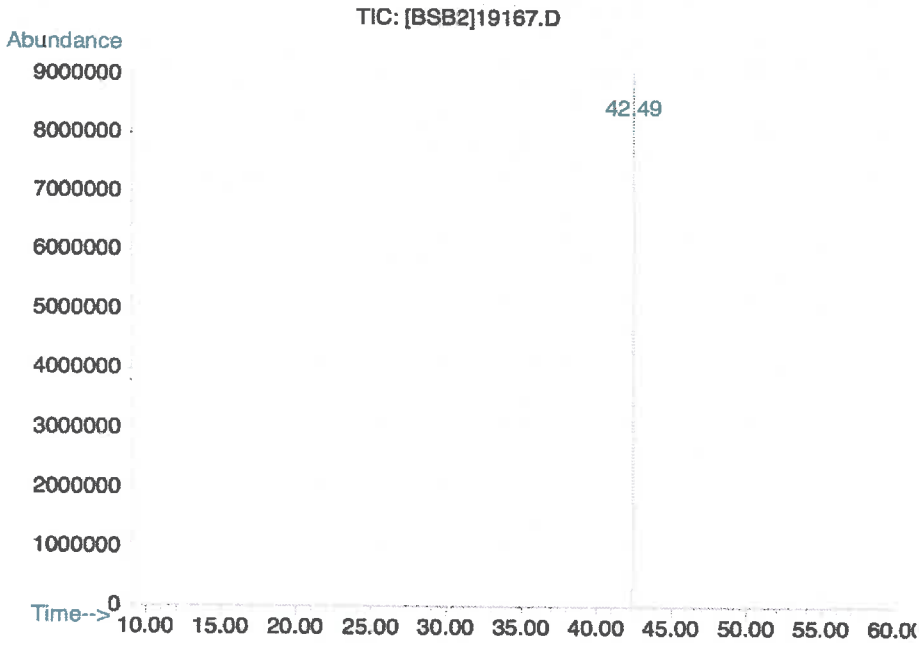
5E-05 Balance Uncertainty

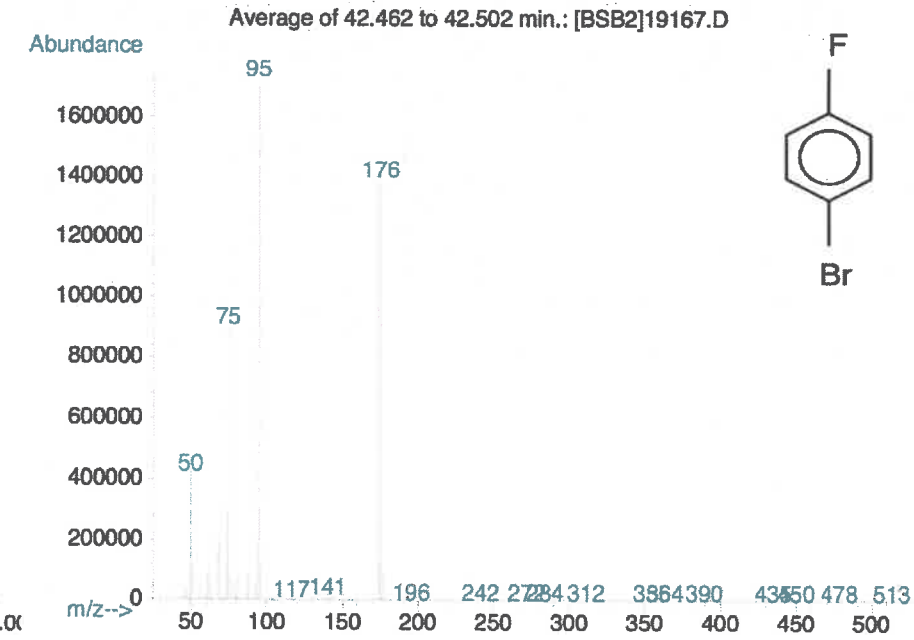
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	ori-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
NL-MW-03_20240827	460-310268-1	98	97	100	102
NL-FB-01_20240827	460-310268-2	101	99	99	99
NL-TB-01_20240827	460-310268-3	100	100	99	101
NL-MW-DUP_20240827	460-310268-4	96	96	99	102
	MB 460-993368/21	98	95	100	100
	LCS 460-993368/17	101	95	100	101
NL-MW-03_20240827 MS	460-310268-1 MS	100	100	99	102
NL-MW-03_20240827 MSD	460-310268-1 MSD	99	98	98	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84424.D

Lab ID: LCS 460-993368/17 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.9	109	63-139	
1,1,2-Trichloroethane	20.0	21.1	106	74-125	
1,1-Dichloroethane	20.0	20.6	103	73-130	
1,1-Dichloroethene	20.0	19.7	99	68-133	
1,2,4-Trichlorobenzene	20.0	22.3	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.1	105	58-132	
1,2-Dibromoethane	20.0	20.5	103	79-126	
1,2-Dichlorobenzene	20.0	20.8	104	80-120	
1,2-Dichloroethane	20.0	19.1	96	66-129	
1,2-Dichloropropane	20.0	21.3	106	72-128	
1,3-Dichlorobenzene	20.0	20.5	103	80-120	
1,4-Dichlorobenzene	20.0	21.0	105	80-120	
2-Butanone	100	97.2	97	65-142	
2-Hexanone	100	106	106	72-134	
4-Methyl-2-pentanone	100	104	104	77-130	
Acetone	100	96.2	96	60-133	
Benzene	20.0	20.4	102	71-126	
Bromodichloromethane	20.0	21.1	105	76-121	
Bromoform	20.0	22.4	112	58-128	
Bromomethane	20.0	19.7	98	33-150	
Carbon disulfide	20.0	18.4	92	35-150	
Carbon tetrachloride	20.0	24.0	120	65-131	
Chlorobenzene	20.0	21.2	106	80-120	
Chloroethane	20.0	18.5	92	54-150	
Chloroform	20.0	20.7	104	78-125	
Chloromethane	20.0	18.8	94	43-149	
cis-1,2-Dichloroethene	20.0	19.9	99	78-121	
cis-1,3-Dichloropropene	20.0	20.3	101	74-125	
Cyclohexane	20.0	23.1	115	64-142	
Dibromochloromethane	20.0	21.8	109	73-121	
Dichlorodifluoromethane	20.0	18.4	92	38-144	
Ethylbenzene	20.0	21.1	106	78-120	
Freon TF	20.0	24.0	120	65-142	
Isopropylbenzene	20.0	24.3	121	79-125	
Methylcyclohexane	20.0	23.6	118	63-138	
Methylene Chloride	20.0	19.3	96	74-127	
MTBE	20.0	19.9	100	72-131	
Styrene	20.0	22.0	110	82-127	
Tetrachloroethene	20.0	21.6	108	70-127	
Toluene	20.0	18.6	93	78-120	
trans-1,2-Dichloroethene	20.0	20.0	100	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84424.D

Lab ID: LCS 460-993368/17 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	22.5	113	71-127	
Trichloroethene	20.0	20.7	103	73-121	
Trichlorofluoromethane	20.0	21.5	108	62-134	
Vinyl chloride	20.0	21.6	108	55-144	
Xylenes, Total	40.0	43.5	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84448.D

Lab ID: 460-310268-1 MS Client ID: NL-MW-03_20240827 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	21.9	110	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	21.5	108	74-125	
1,1-Dichloroethane	20.0	0.26 U	20.7	104	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.5	92	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	22.3	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	23.3	117	58-132	
1,2-Dibromoethane	20.0	0.50 U	21.6	108	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	21.1	105	80-120	
1,2-Dichloroethane	20.0	0.43 U	19.9	99	66-129	
1,2-Dichloropropane	20.0	0.35 U	20.9	104	72-128	
1,3-Dichlorobenzene	20.0	0.34 U	21.1	106	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	21.2	106	80-120	
2-Butanone	100	1.9 U	98.5	99	65-142	
2-Hexanone	100	1.1 U	119	119	72-134	
4-Methyl-2-pentanone	100	1.3 U	114	114	77-130	
Acetone	100	4.4 U	87.8	88	60-133	
Benzene	20.0	4.1	23.3	96	71-126	
Bromodichloromethane	20.0	0.34 U	20.8	104	76-121	
Bromoform	20.0	0.54 U	23.8	119	58-128	
Bromomethane	20.0	0.55 U	19.1	96	33-150	
Carbon disulfide	20.0	0.82 U	17.4	87	35-150	
Carbon tetrachloride	20.0	0.21 U	23.9	119	65-131	
Chlorobenzene	20.0	0.38 U	21.1	106	80-120	
Chloroethane	20.0	0.32 U	17.5	87	54-150	
Chloroform	20.0	0.63 J	21.1	102	78-125	
Chloromethane	20.0	0.40 U	19.1	96	43-149	
cis-1,2-Dichloroethene	20.0	2.8	21.6	94	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	21.4	107	74-125	
Cyclohexane	20.0	13	28.7	76	64-142	
Dibromochloromethane	20.0	0.28 U	22.4	112	73-121	
Dichlorodifluoromethane	20.0	0.31 U	8.48	42	38-144	
Ethylbenzene	20.0	0.30 U	21.3	107	78-120	
Freon TF	20.0	0.31 U	17.7	88	65-142	
Isopropylbenzene	20.0	11	31.1	102	79-125	
Methylcyclohexane	20.0	6.2	24.8	93	63-138	
Methylene Chloride	20.0	0.32 U	20.0	100	74-127	
MTBE	20.0	0.74 J	20.8	100	72-131	
Styrene	20.0	0.42 U	21.5	107	82-127	
Tetrachloroethene	20.0	0.25 U	21.9	110	70-127	
Toluene	20.0	0.38 U	18.9	95	78-120	
trans-1,2-Dichloroethene	20.0	0.91 J	21.0	100	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84448.D

Lab ID: 460-310268-1 MS Client ID: NL-MW-03_20240827 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	0.22 U	21.7	109	71-127	
Trichloroethene	20.0	84	98.0	69	73-121	*
Trichlorofluoromethane	20.0	0.32 U	14.8	74	62-134	
Vinyl chloride	20.0	0.17 U	16.9	84	55-144	
Xylenes, Total	40.0	0.65 U	43.5	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84449.D

Lab ID: 460-310268-1 MSD Client ID: NL-MW-03_20240827 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.7	118	8	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	23.7	118	8	30	63-139	
1,1,2-Trichloroethane	20.0	22.6	113	5	30	74-125	
1,1-Dichloroethane	20.0	22.0	110	6	30	73-130	
1,1-Dichloroethene	20.0	20.8	104	12	30	68-133	
1,2,4-Trichlorobenzene	20.0	24.2	121	8	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	24.4	122	5	30	58-132	
1,2-Dibromoethane	20.0	22.2	111	2	30	79-126	
1,2-Dichlorobenzene	20.0	22.4	112	6	30	80-120	
1,2-Dichloroethane	20.0	20.8	104	5	30	66-129	
1,2-Dichloropropane	20.0	21.5	107	3	30	72-128	
1,3-Dichlorobenzene	20.0	21.9	109	3	30	80-120	
1,4-Dichlorobenzene	20.0	22.0	110	4	30	80-120	
2-Butanone	100	103	103	5	30	65-142	
2-Hexanone	100	126	126	5	30	72-134	
4-Methyl-2-pentanone	100	122	122	7	30	77-130	
Acetone	100	98.2	98	11	30	60-133	
Benzene	20.0	24.9	104	7	30	71-126	
Bromodichloromethane	20.0	21.4	107	3	30	76-121	
Bromoform	20.0	24.7	124	4	30	58-128	
Bromomethane	20.0	20.3	101	6	30	33-150	
Carbon disulfide	20.0	19.6	98	12	30	35-150	
Carbon tetrachloride	20.0	26.1	131	9	30	65-131	
Chlorobenzene	20.0	22.4	112	6	30	80-120	
Chloroethane	20.0	19.0	95	8	30	54-150	
Chloroform	20.0	22.6	110	7	30	78-125	
Chloromethane	20.0	21.8	109	13	30	43-149	
cis-1,2-Dichloroethene	20.0	23.7	105	9	30	78-121	
cis-1,3-Dichloropropene	20.0	22.1	111	3	30	74-125	
Cyclohexane	20.0	32.5	95	12	30	64-142	
Dibromochloromethane	20.0	24.1	121	7	30	73-121	
Dichlorodifluoromethane	20.0	9.92	50	16	30	38-144	
Ethylbenzene	20.0	22.9	114	7	30	78-120	
Freon TF	20.0	20.4	102	14	30	65-142	
Isopropylbenzene	20.0	33.1	112	6	30	79-125	
Methylcyclohexane	20.0	28.2	110	13	30	63-138	
Methylene Chloride	20.0	22.0	110	10	30	74-127	
MTBE	20.0	22.3	108	7	30	72-131	
Styrene	20.0	22.7	114	6	30	82-127	
Tetrachloroethene	20.0	22.8	114	4	30	70-127	
Toluene	20.0	19.9	100	5	30	78-120	
trans-1,2-Dichloroethene	20.0	22.8	109	8	30	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84449.D

Lab ID: 460-310268-1 MSD Client ID: NL-MW-03_20240827 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	22.7	113	4	30	71-127	
Trichloroethene	20.0	101	86	3	30	73-121	
Trichlorofluoromethane	20.0	16.6	83	11	30	62-134	
Vinyl chloride	20.0	19.4	97	14	30	55-144	
Xylenes, Total	40.0	46.3	116	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab File ID: TT84428.D Lab Sample ID: MB 460-993368/21

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 08/30/2024 15:23

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-993368/17	TT84424.D	08/30/2024 14:05
NL-FB-01_20240827	460-310268-2	TT84432.D	08/30/2024 16:41
NL-TB-01_20240827	460-310268-3	TT84433.D	08/30/2024 17:01
NL-MW-03_20240827	460-310268-1	TT84434.D	08/30/2024 17:21
NL-MW-DUP_20240827	460-310268-4	TT84435.D	08/30/2024 17:41
NL-MW-03_20240827 MS	460-310268-1 MS	TT84448.D	08/30/2024 21:56
NL-MW-03_20240827 MSD	460-310268-1 MSD	TT84449.D	08/30/2024 22:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab File ID: TT84408.D BFB Injection Date: 08/30/2024

Instrument ID: CVOAMS17 BFB Injection Time: 07:27

Analysis Batch No.: 993368

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	124.1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	80.6
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	93.7
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-993368/3	TT84410.D	08/30/2024	8:07
	STD05 460-993368/4	TT84411.D	08/30/2024	8:26
	STD1 460-993368/5	TT84412.D	08/30/2024	8:46
	STD5 460-993368/6	TT84413.D	08/30/2024	9:05
	STD20 460-993368/7	TT84414.D	08/30/2024	9:25
	STD50 460-993368/8	TT84415.D	08/30/2024	9:45
	STD200 460-993368/9	TT84416.D	08/30/2024	10:04
	STD500 460-993368/10	TT84417.D	08/30/2024	10:24
	ICV 460-993368/15	TT84422.D	08/30/2024	13:25
	LCS 460-993368/17	TT84424.D	08/30/2024	14:05
	MB 460-993368/21	TT84428.D	08/30/2024	15:23
NL-FB-01_20240827	460-310268-2	TT84432.D	08/30/2024	16:41
NL-TB-01_20240827	460-310268-3	TT84433.D	08/30/2024	17:01
NL-MW-03_20240827	460-310268-1	TT84434.D	08/30/2024	17:21
NL-MW-DUP_20240827	460-310268-4	TT84435.D	08/30/2024	17:41
NL-MW-03_20240827 MS	460-310268-1 MS	TT84448.D	08/30/2024	21:56
NL-MW-03_20240827 MSD	460-310268-1 MSD	TT84449.D	08/30/2024	22:16

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		46509	2.83	409216	3.83	750665	4.89
UPPER LIMIT		93018	3.33	818432	4.33	1501330	5.39
LOWER LIMIT		23255	2.33	204608	3.33	375333	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		59584	2.83	459314	3.83	844651	4.89
LCS 460-993368/17		61429	2.84	449746	3.84	837875	4.89
MB 460-993368/21		53443	2.83	444289	3.84	843632	4.89
460-310268-2	NL-FB-01_20240827	53316	2.83	424231	3.84	783035	4.89
460-310268-3	NL-TB-01_20240827	52106	2.84	421423	3.84	769969	4.89
460-310268-1	NL-MW-03_20240827	53886	2.83	410585	3.83	782487	4.89
460-310268-4	NL-MW-DUP_20240827	58413	2.84	431636	3.84	816548	4.89
460-310268-1 MS	NL-MW-03_20240827 MS	58579	2.83	432842	3.84	787406	4.89
460-310268-1 MSD	NL-MW-03_20240827 MSD	56849	2.83	410388	3.83	756995	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34687	5.56	533106	8.26	297836	10.92
UPPER LIMIT		69374	6.06	1066212	8.76	595672	11.42
LOWER LIMIT		17344	5.06	266553	7.76	148918	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		41999	5.56	589203	8.26	325553	10.92
LCS 460-993368/17		40661	5.56	589561	8.27	331042	10.92
MB 460-993368/21		40433	5.56	589412	8.27	321716	10.93
460-310268-2	NL-FB-01_20240827	37876	5.56	568255	8.27	311866	10.93
460-310268-3	NL-TB-01_20240827	38618	5.56	551486	8.27	307473	10.92
460-310268-1	NL-MW-03_20240827	38255	5.56	534592	8.26	299707	10.92
460-310268-4	NL-MW-DUP_20240827	39944	5.57	556705	8.27	316951	10.92
460-310268-1 MS	NL-MW-03_20240827 MS	37750	5.56	559048	8.27	315775	10.92
460-310268-1 MSD	NL-MW-03_20240827 MSD	37425	5.56	534723	8.26	303858	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.1		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.63	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 | Lab Sample ID: 460-310268-1

Matrix: Water | Lab File ID: TT84434.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	11		1.0	0.34
108-87-2	Methylcyclohexane	6.2		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.74	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	84		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D
Lims ID: 460-310268-A-1
Client ID: NL-MW-03_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:21:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1
Misc. Info.: 460-0180260-027
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:22:31 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:39:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	53886	1000.0	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	33	8422	0.7385	a
34 trans-1,2-Dichloroethene	96	3.003	3.009	-0.006	93	3635	0.9146	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	410585	250.0	
44 cis-1,2-Dichloroethene	96	3.869	3.868	0.001	95	12415	2.76	
52 Chloroform	83	4.143	4.143	0.000	93	4140	0.6307	
53 Cyclohexane	84	4.271	4.271	0.000	92	68056	13.4	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	185170	48.9	
60 Benzene	78	4.606	4.612	-0.006	96	64431	4.13	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	217236	48.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	99	782487	50.0	
68 Trichloroethene	95	5.228	5.228	0.000	98	312237	84.1	
69 Methylcyclohexane	83	5.350	5.356	-0.006	90	36178	6.23	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38255	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	718159	50.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	534592	50.0	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	157103	10.7	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	94	229596	51.1	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	56278	2.91	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	20344	1.81	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	91254	5.34	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	299707	50.0	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	83	8298	0.5752	
126 p-Diethylbenzene	119	11.215	11.214	0.001	94	12187	1.30	
127 n-Butylbenzene	92	11.239	11.239	0.000	95	2818	0.3515	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	91	4557	0.3114	
S 136 1,2-Dichloroethene, Total	100				0		3.67	
S 140 Total BTEX	1				0		4.13	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date: 30-Aug-2024 17:21:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 Lab Sample ID: 460-310268-1

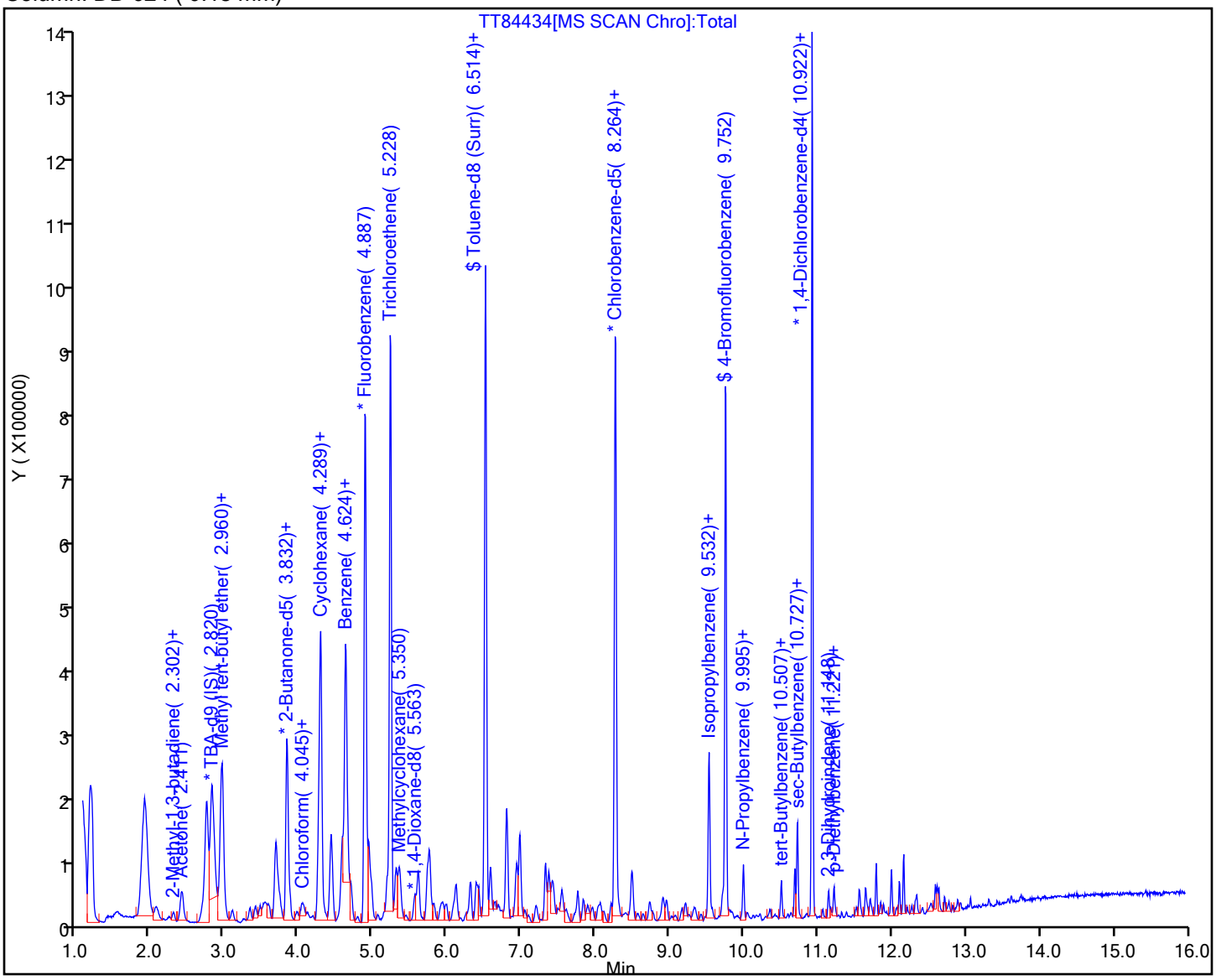
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 26 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Lims ID:	460-310268-A-1				
Client ID:	NL-MW-03_20240827				
Sample Type:	Client				
Inject. Date:	30-Aug-2024 17:21:30	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-310268-A-1				
Misc. Info.:	460-0180260-027				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-Aug-2024 17:22:31	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1604				

First Level Reviewer: FK2C Date: 31-Aug-2024 05:39:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.9	97.79
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.04
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.30
$ 105 4-Bromofluorobenzene	50.0	51.1	102.17

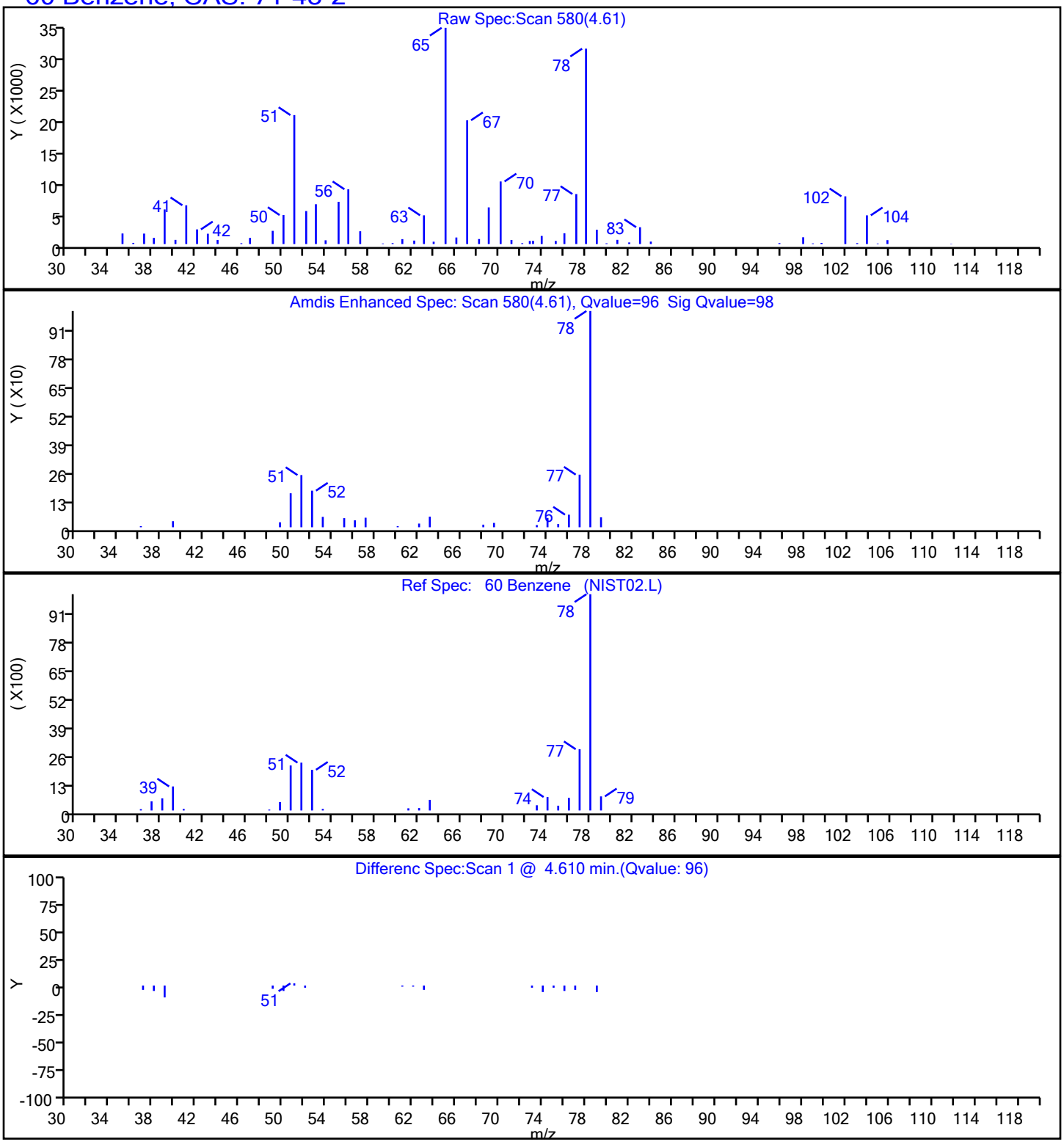
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

60 Benzene, CAS: 71-43-2



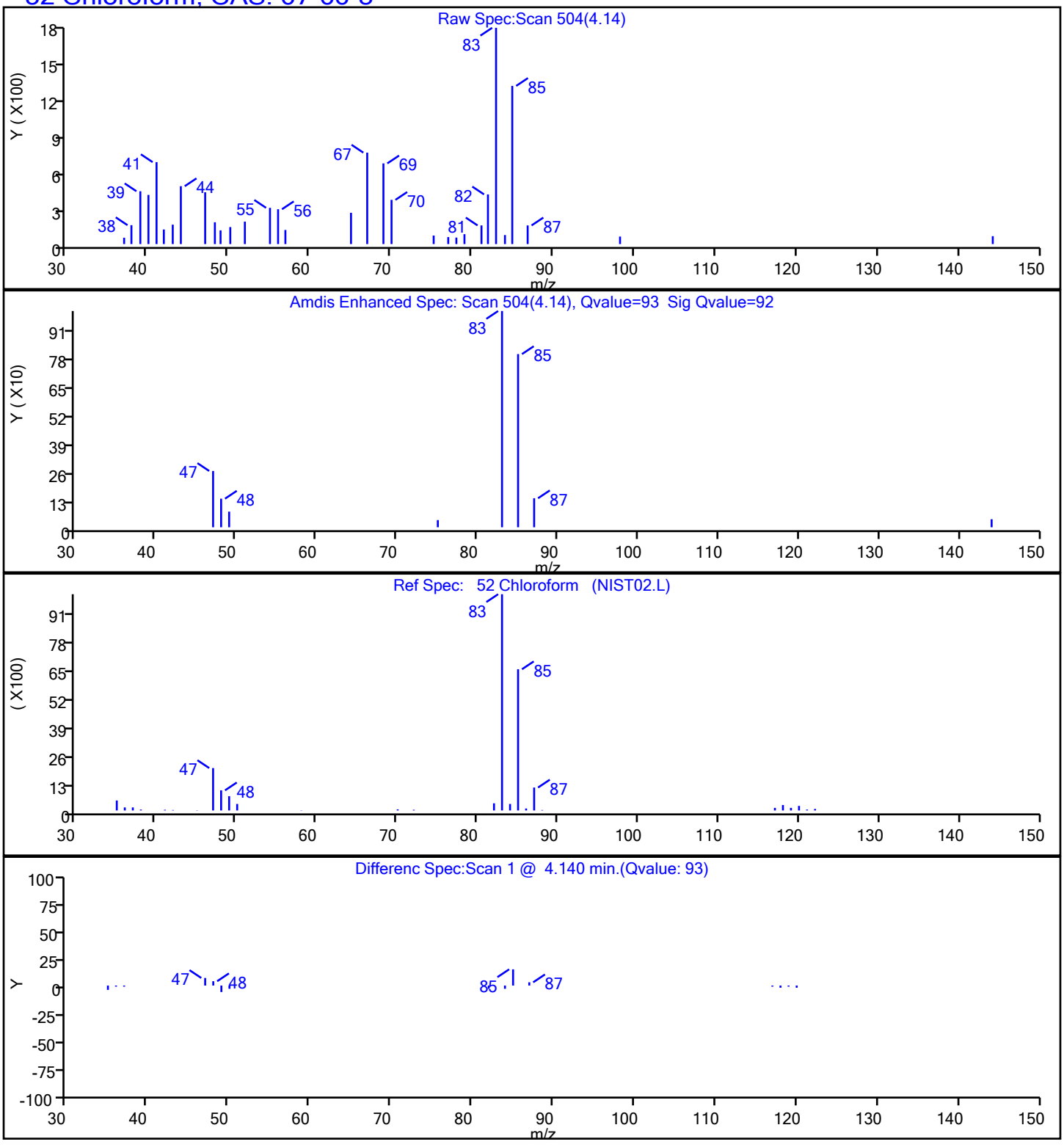
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



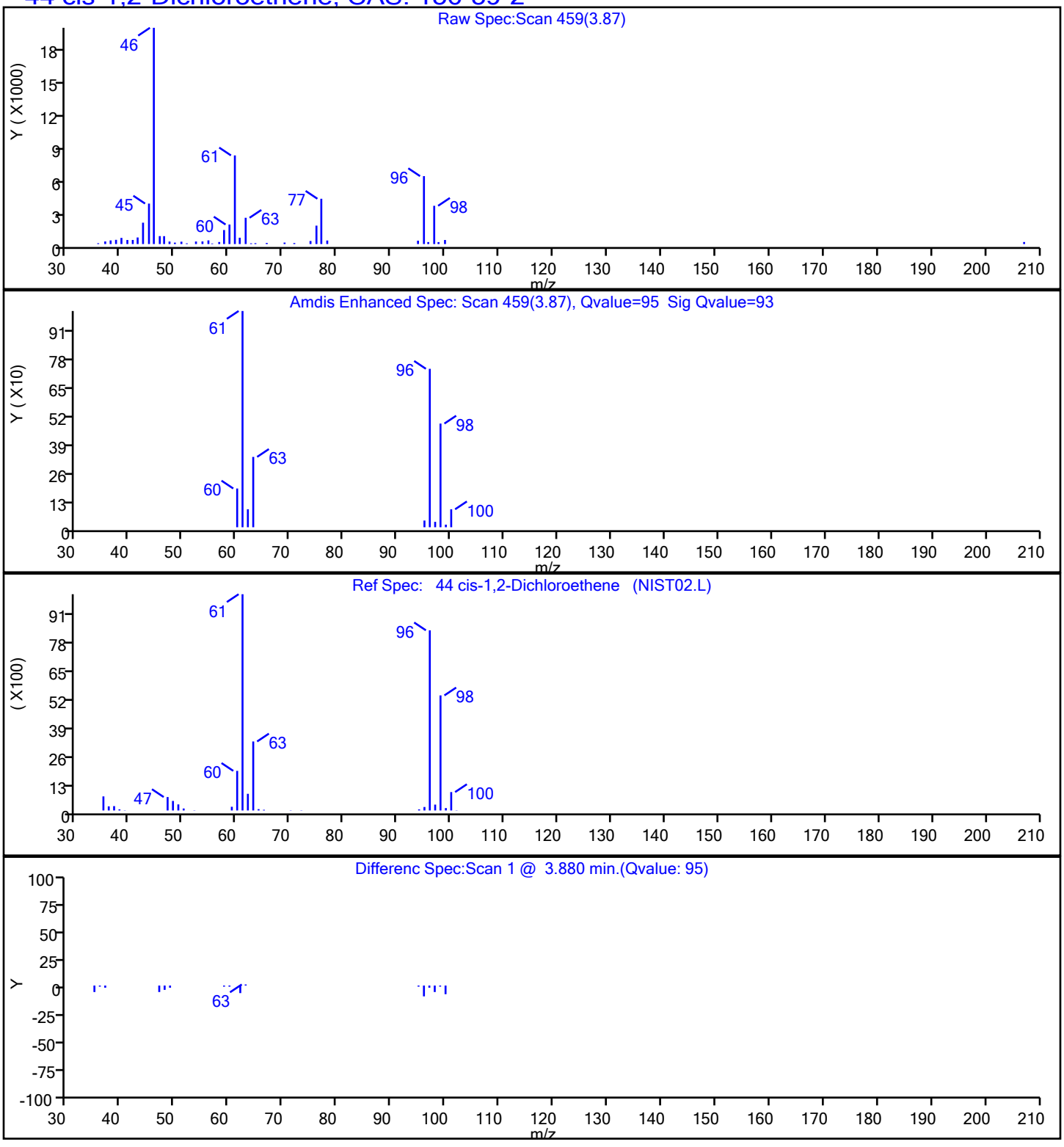
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



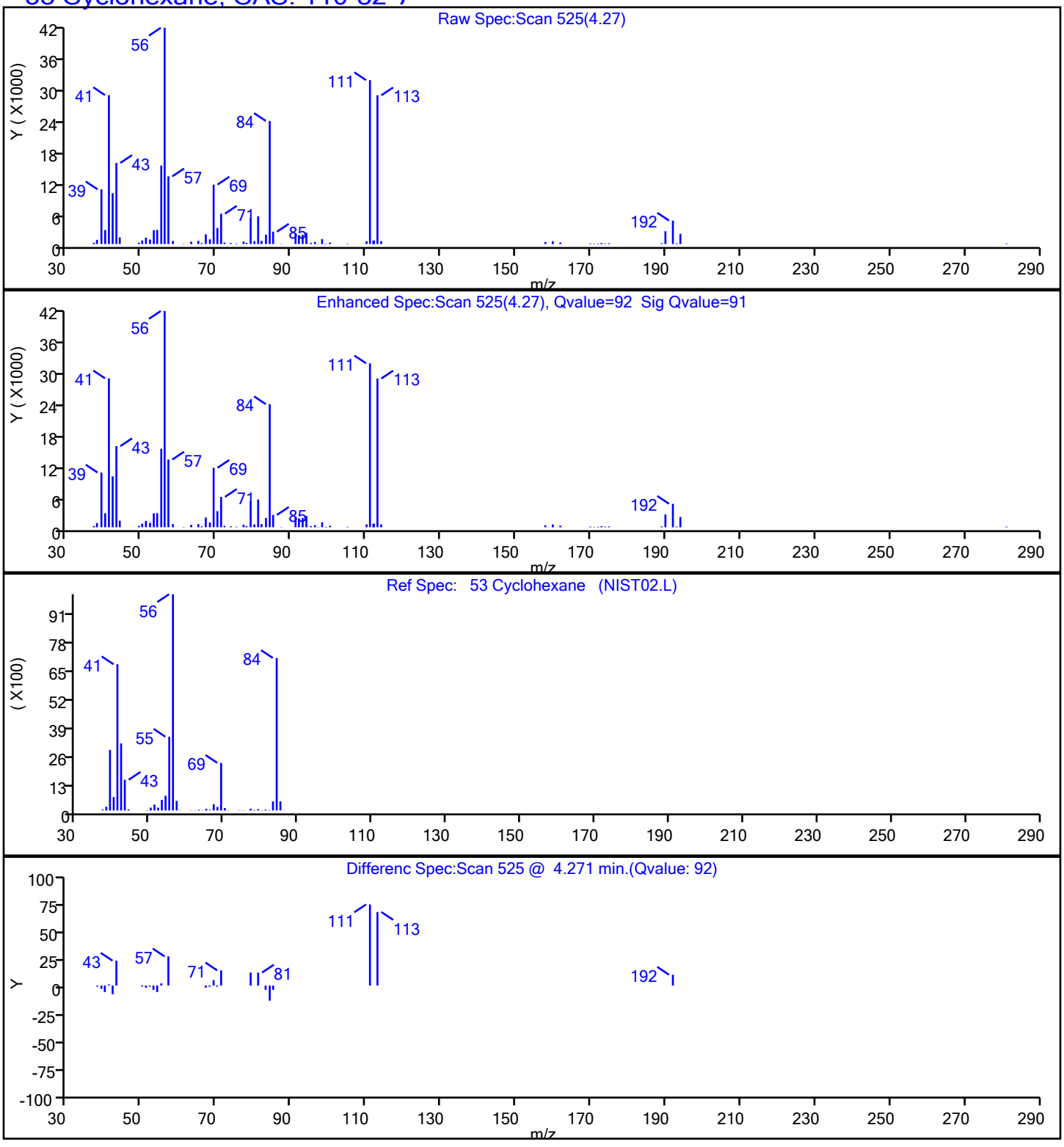
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

53 Cyclohexane, CAS: 110-82-7



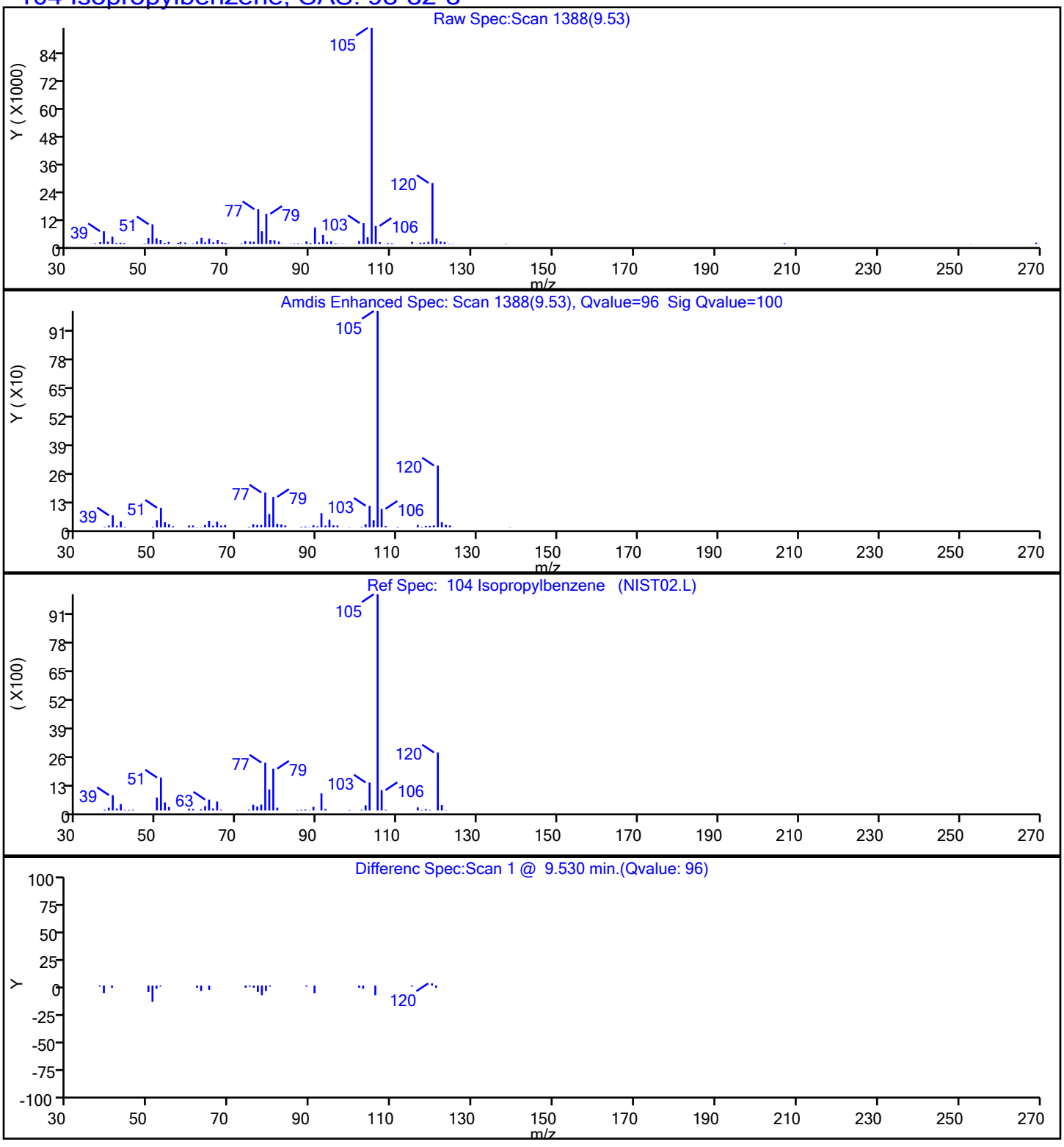
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

104 Isopropylbenzene, CAS: 98-82-8



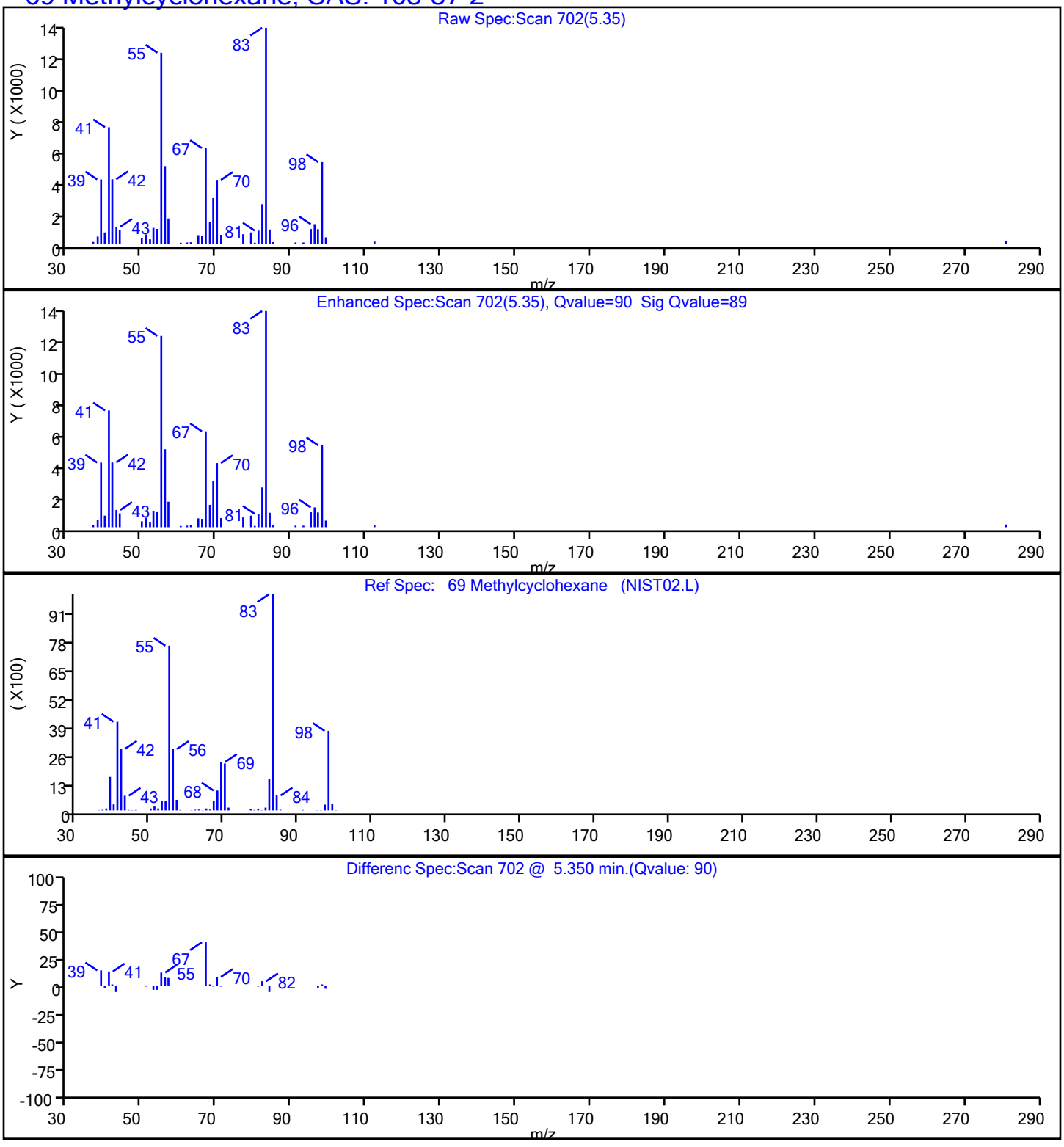
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

69 Methylcyclohexane, CAS: 108-87-2



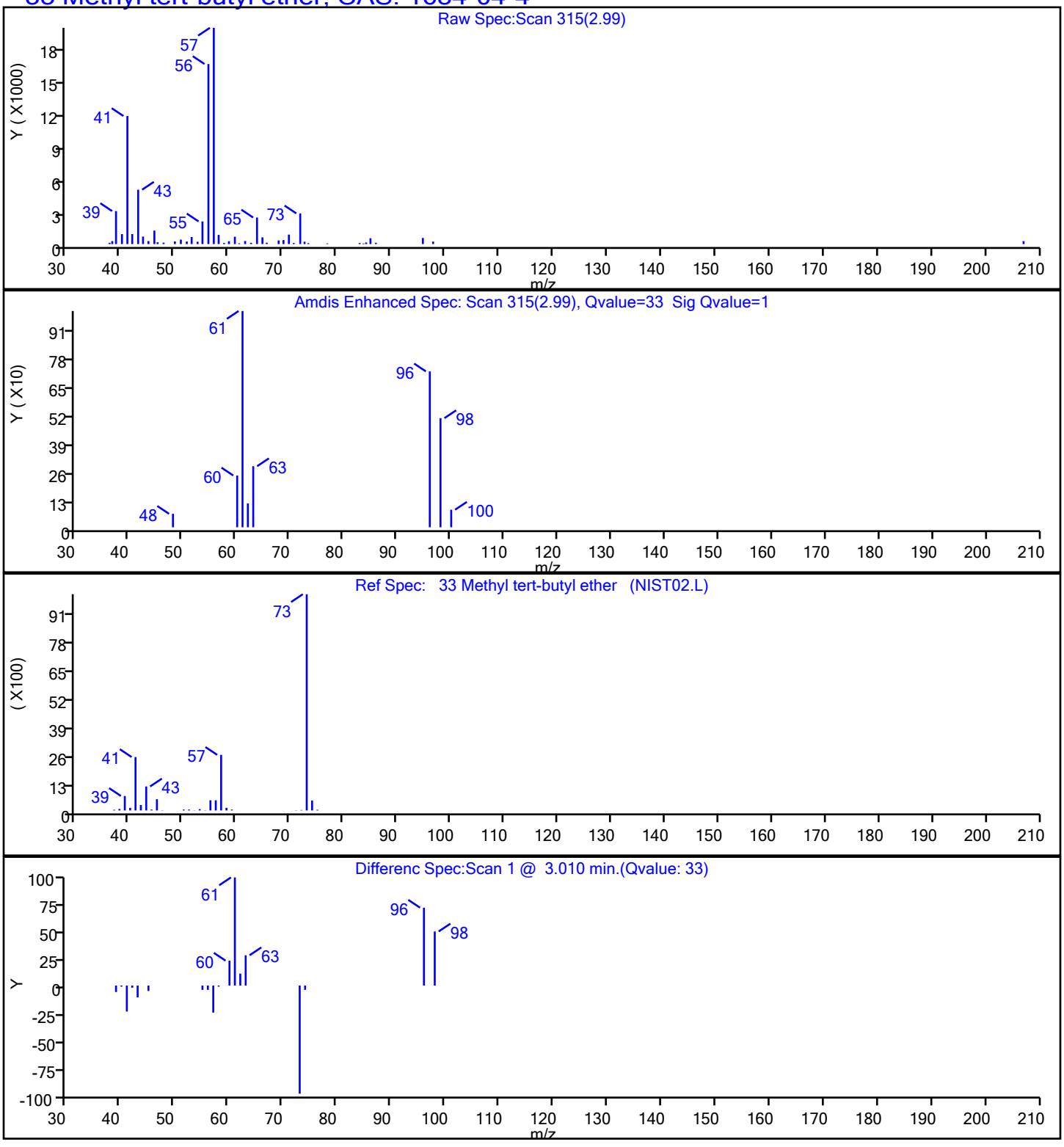
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4



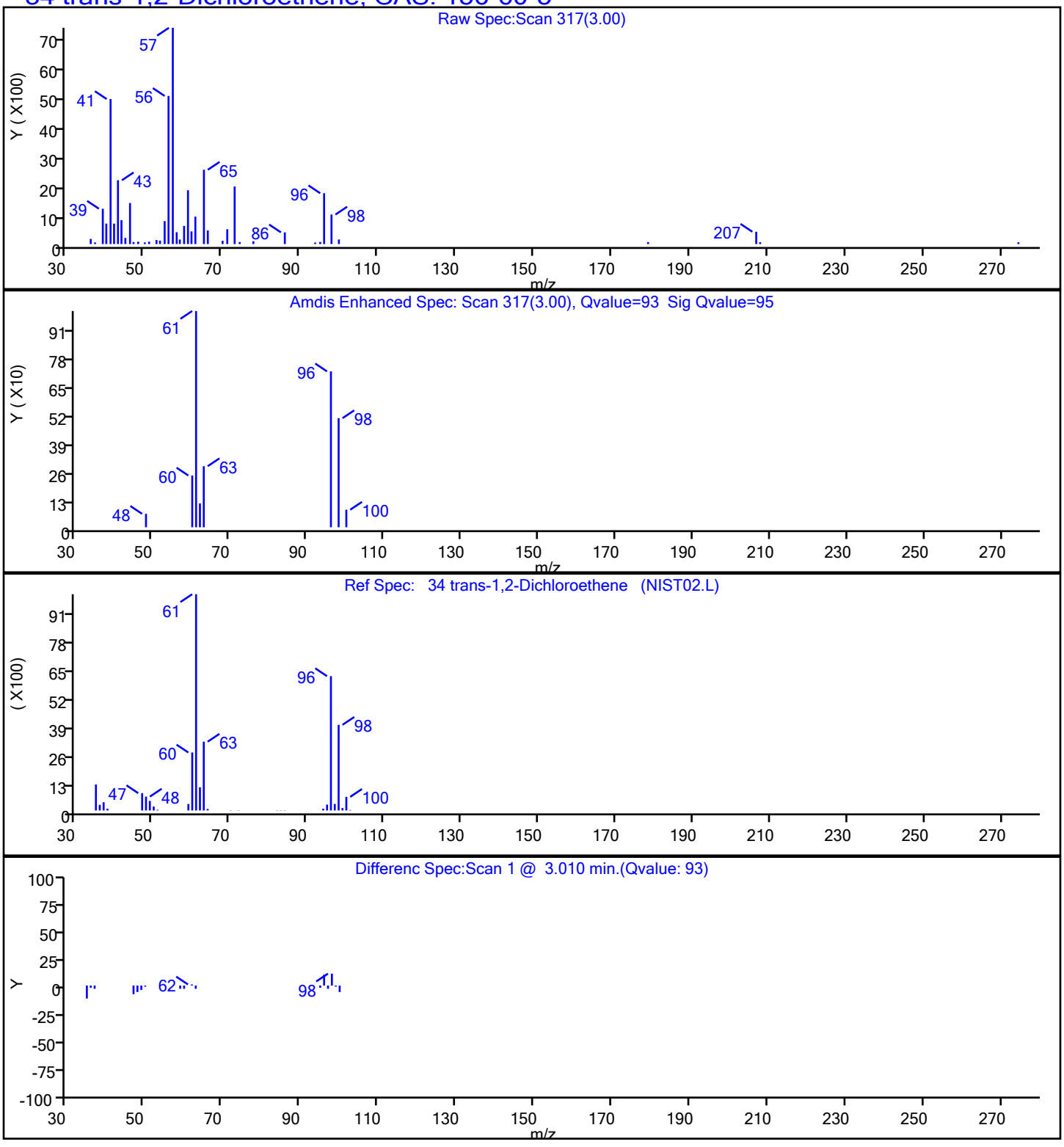
Report Date: 31-Aug-2024 17:22:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5



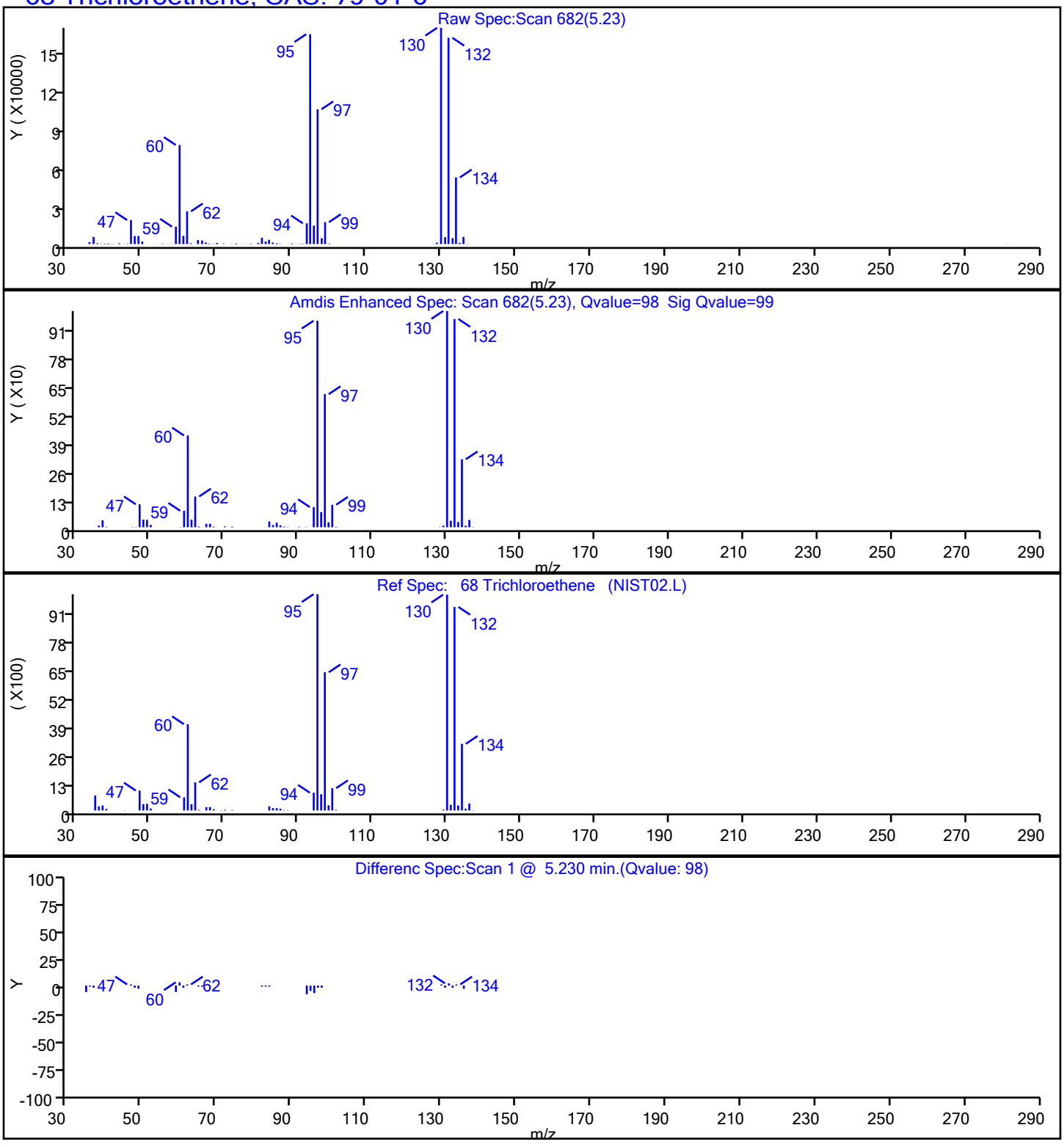
Report Date: 31-Aug-2024 17:22:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D

Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1
Client ID:	NL-MW-03_20240827		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



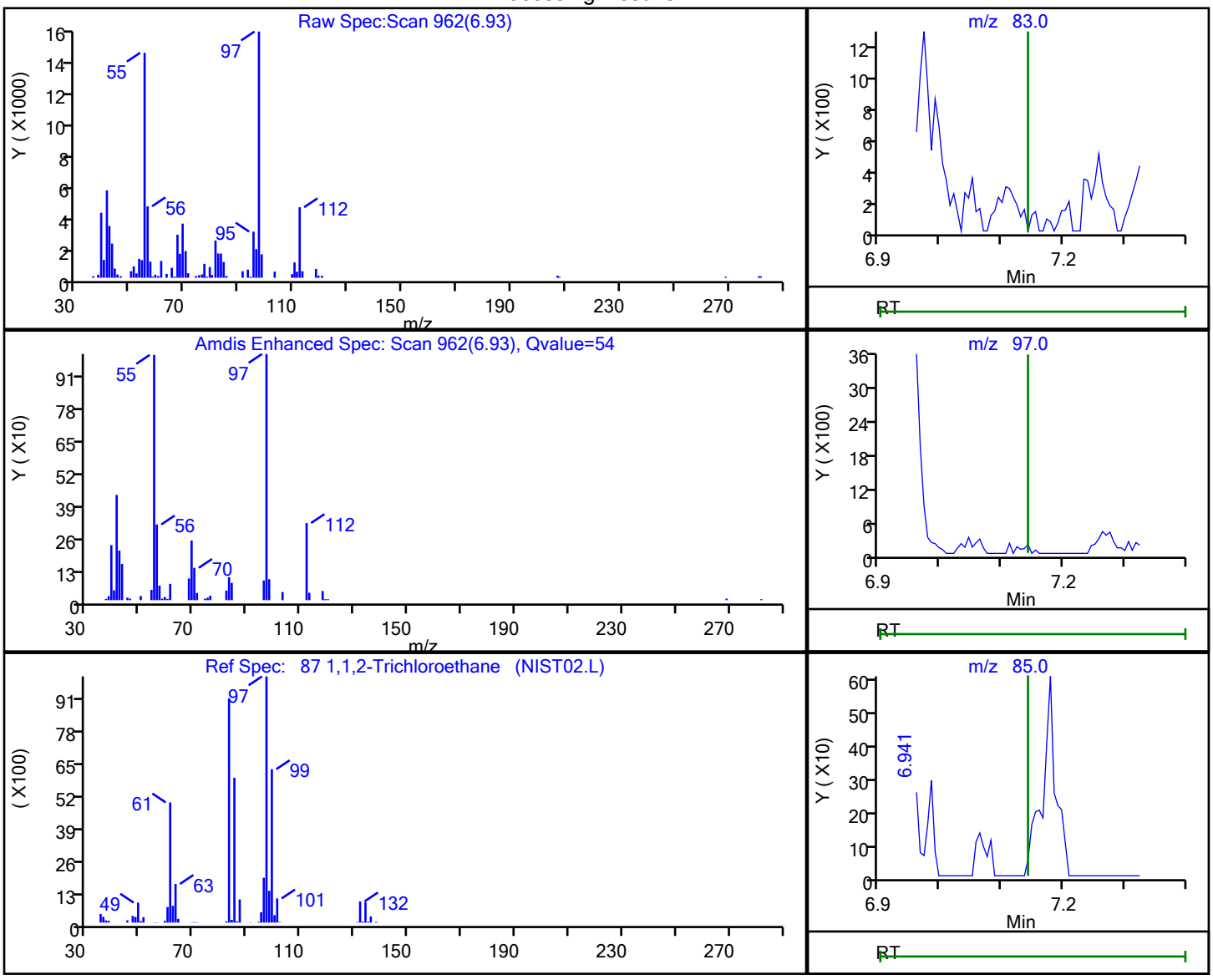
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.93	83.00	3362	1.220378
6.93	97.00	32802	
6.94	85.00	252	

Reviewer: FK2C, 31-Aug-2024 05:39:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

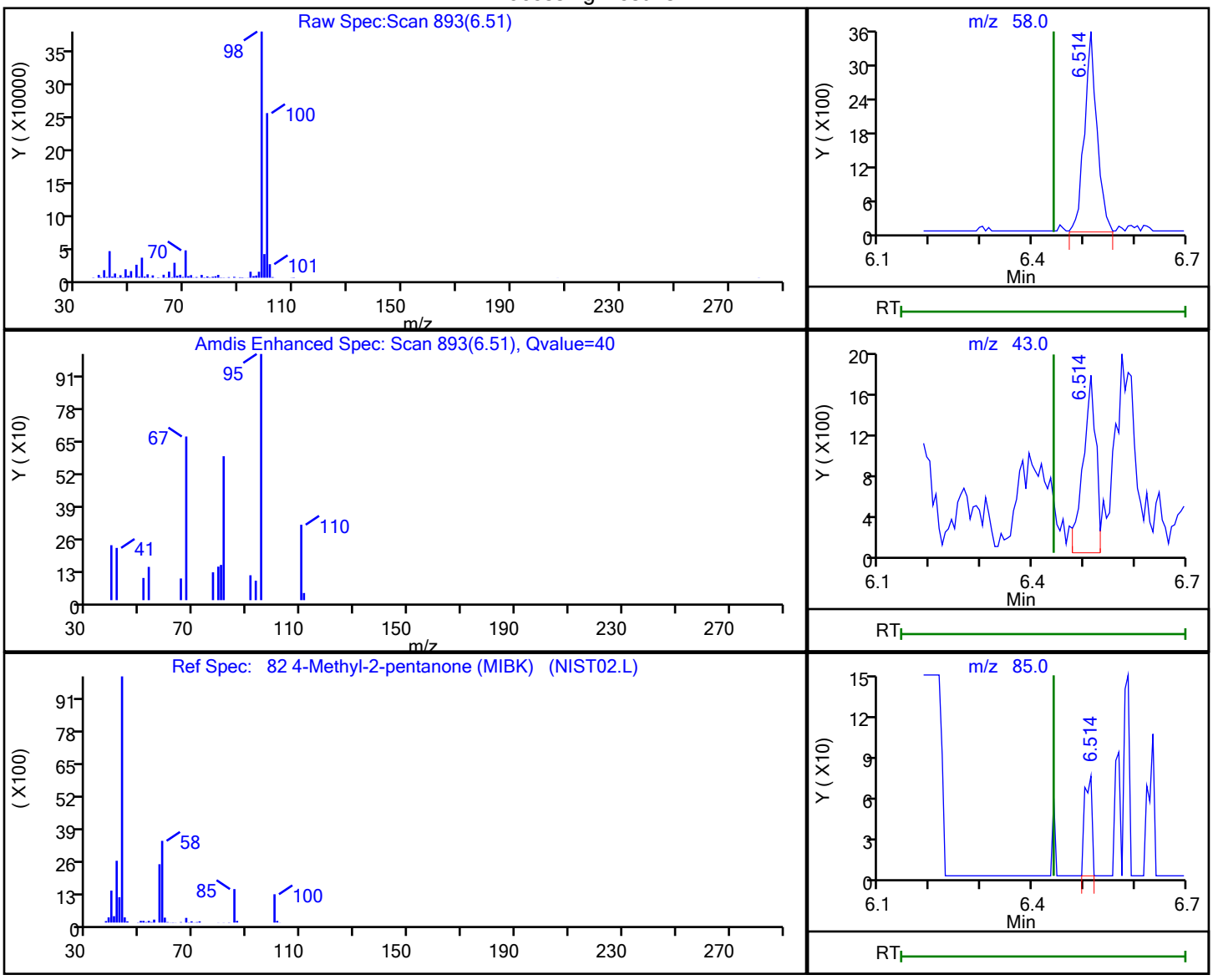
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	6038	4.199498
6.51	43.00	2953	
6.51	85.00	71	
6.51	100.00	478761	

Reviewer: FK2C, 31-Aug-2024 05:39:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

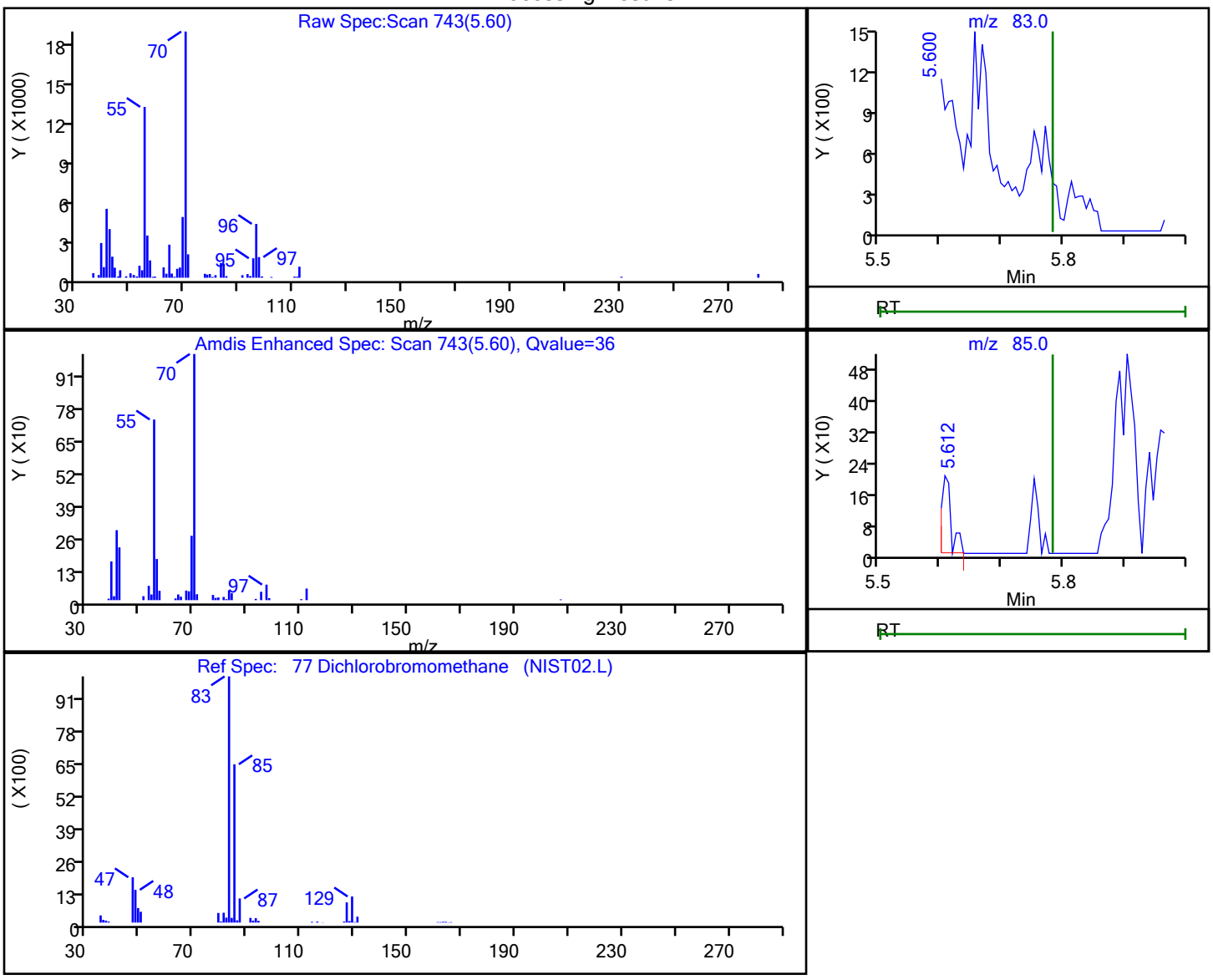
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.60	83.00	1884	0.437990
5.61	85.00	222	

Reviewer: FK2C, 31-Aug-2024 05:39:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

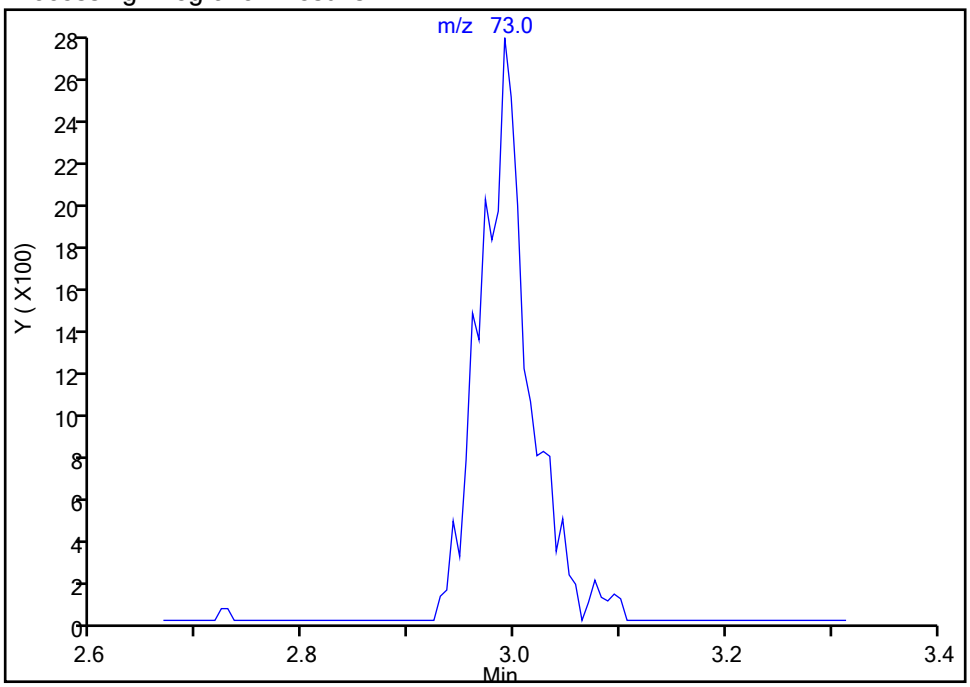
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84434.D				
Injection Date:	30-Aug-2024 17:21:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1	Lab Sample ID:	460-310268-1		
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

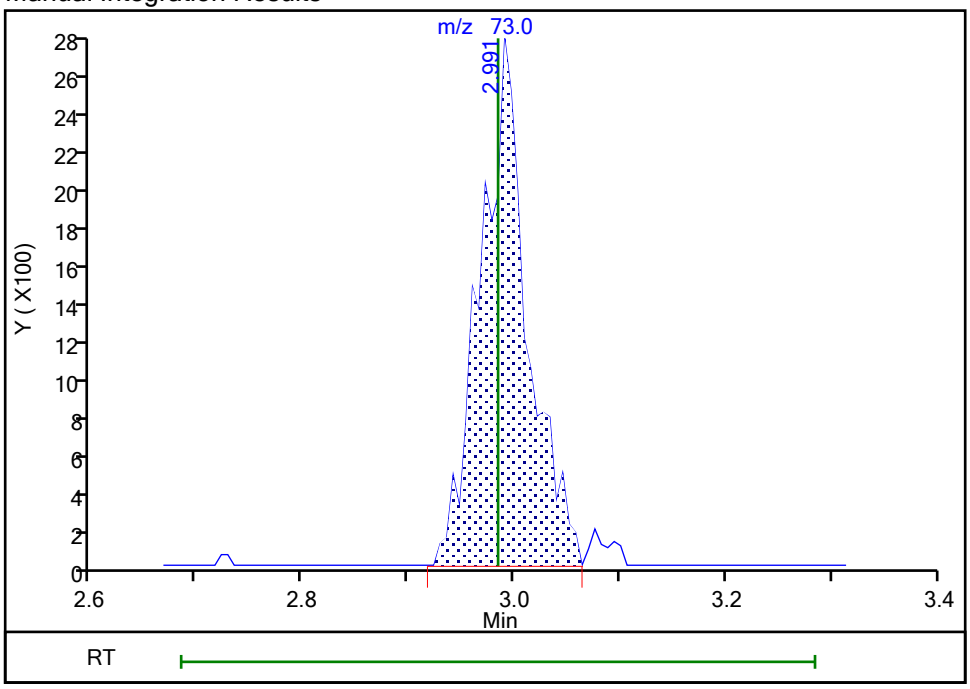
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 8422
Amount: 0.738512
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:20:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-FB-01_20240827 | Lab Sample ID: 460-310268-2

Matrix: Water | Lab File ID: TT84432.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 16:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84432.D
Lims ID: 460-310268-A-2
Client ID: NL-FB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 16:41:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-2
Misc. Info.: 460-0180260-025
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:37:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	53316	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	424231	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	191172	50.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	222412	49.6	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	783035	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37876	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	750228	49.3	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	568255	50.0	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	92	237358	49.7	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	311866	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:26 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84432.D

Injection Date: 30-Aug-2024 16:41:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-2 Lab Sample ID: 460-310268-2

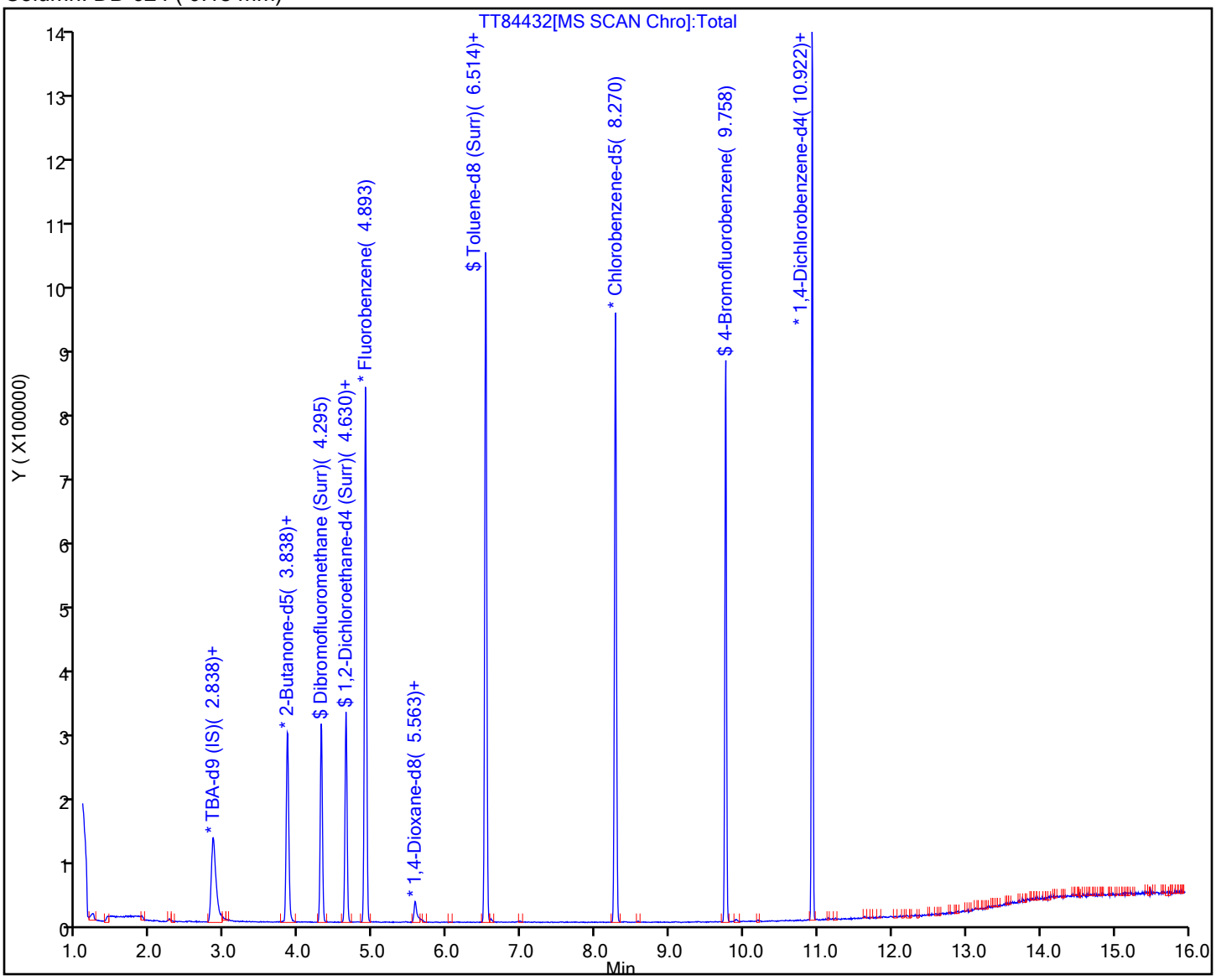
Client ID: NL-FB-01_20240827

Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84432.D
Lims ID: 460-310268-A-2
Client ID: NL-FB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 16:41:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-2
Misc. Info.: 460-0180260-025
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:37:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.4	100.89
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.29
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.57
$ 105 4-Bromofluorobenzene	50.0	49.7	99.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-TB-01_20240827 | Lab Sample ID: 460-310268-3

Matrix: Water | Lab File ID: TT84433.D

Analysis Method: 8260D | Date Collected: 08/27/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84433.D
Lims ID: 460-310268-A-3
Client ID: NL-TB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:01:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-3
Misc. Info.: 460-0180260-026
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:38:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	52106	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	421423	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	186852	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	220681	50.1	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	769969	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38618	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	734493	49.7	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	551486	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	233514	50.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	307473	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:27 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84433.D

Injection Date: 30-Aug-2024 17:01:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-3 Lab Sample ID: 460-310268-3

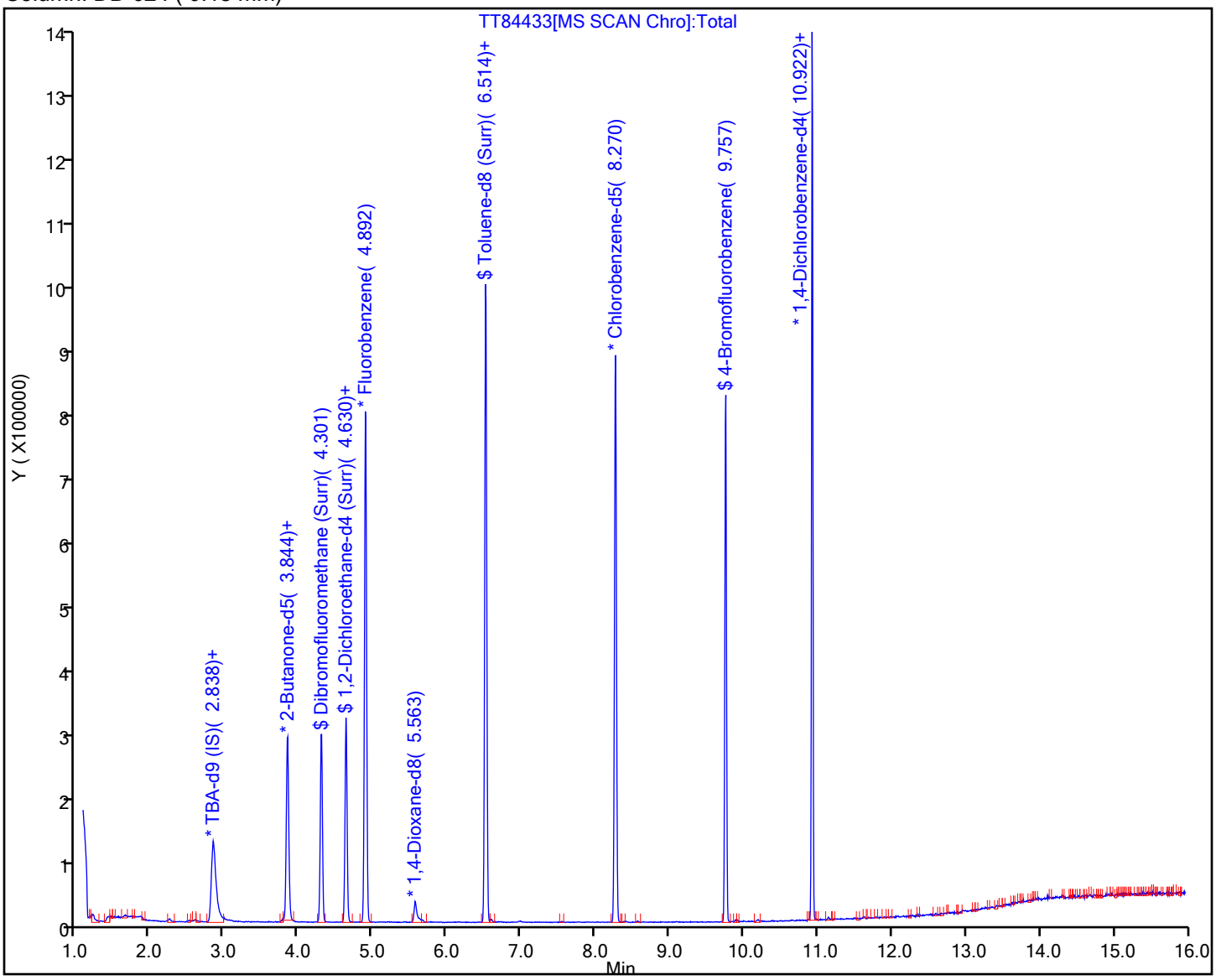
Client ID: NL-TB-01_20240827

Operator ID: ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84433.D
Lims ID: 460-310268-A-3
Client ID: NL-TB-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:01:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-3
Misc. Info.: 460-0180260-026
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:38:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.1	100.29
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.19
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.44
$ 105 4-Bromofluorobenzene	50.0	50.4	100.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	4.0		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.58	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	13		1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-DUP_20240827 | Lab Sample ID: 460-310268-4

Matrix: Water | Lab File ID: TT84435.D

Analysis Method: 8260D | Date Collected: 08/27/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	10		1.0	0.34
108-87-2	Methylcyclohexane	6.4		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.69	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.91	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	77		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D
Lims ID: 460-310268-A-4
Client ID: NL-MW-DUP_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 17:41:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-4
Misc. Info.: 460-0180260-028
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:23:18 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:39:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	58413	1000.0	
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	67	8250	0.6933	a
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	96	3779	0.9112	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	431636	250.0	
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	95	12328	2.63	
52 Chloroform	83	4.143	4.143	0.000	79	3957	0.5777	
53 Cyclohexane	84	4.277	4.271	0.006	89	66789	12.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	189661	48.0	
60 Benzene	78	4.612	4.612	0.000	94	64337	3.96	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	223418	47.8	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	816548	50.0	
68 Trichloroethene	95	5.234	5.228	0.006	98	299569	77.3	
69 Methylcyclohexane	83	5.356	5.356	0.000	93	38718	6.39	
* 72 1,4-Dioxane-d8	96	5.569	5.563	0.006	0	39944	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	741733	49.7	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	556705	50.0	
104 Isopropylbenzene	105	9.532	9.532	0.000	97	156390	10.3	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	97	239588	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	316951	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 17:23:18 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date: 30-Aug-2024 17:41:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-4 Lab Sample ID: 460-310268-4

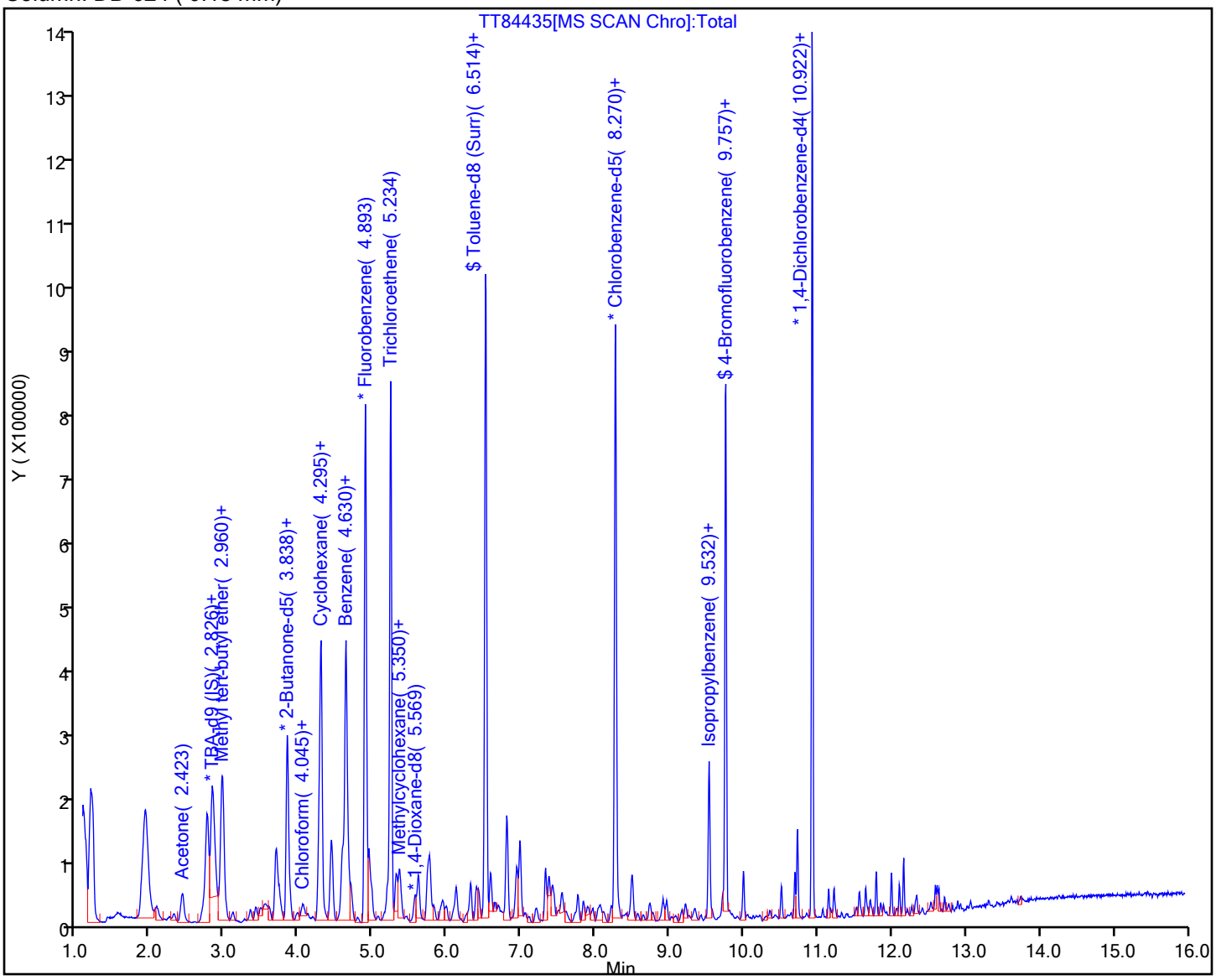
Client ID: NL-MW-DUP_20240827

Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Lims ID:	460-310268-A-4				
Client ID:	NL-MW-DUP_20240827				
Sample Type:	Client				
Inject. Date:	30-Aug-2024 17:41:30	ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-310268-A-4				
Misc. Info.:	460-0180260-028				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-Aug-2024 17:23:18	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1604				
First Level Reviewer: FK2C		Date:	31-Aug-2024 05:39:53		

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	48.0	95.99
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.64
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.48
$ 105 4-Bromofluorobenzene	50.0	51.2	102.38

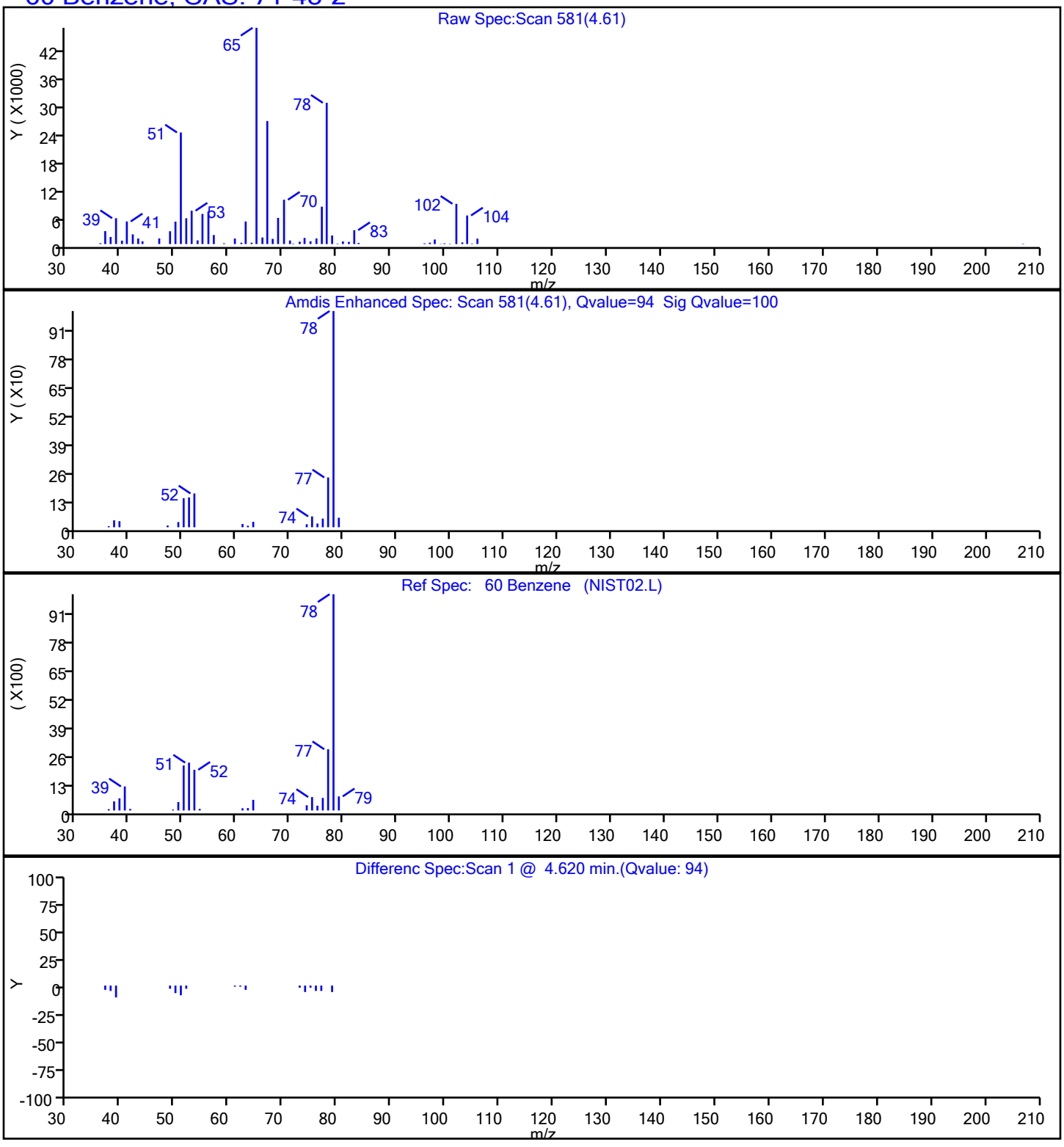
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4
Client ID:	NL-MW-DUP_20240827		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



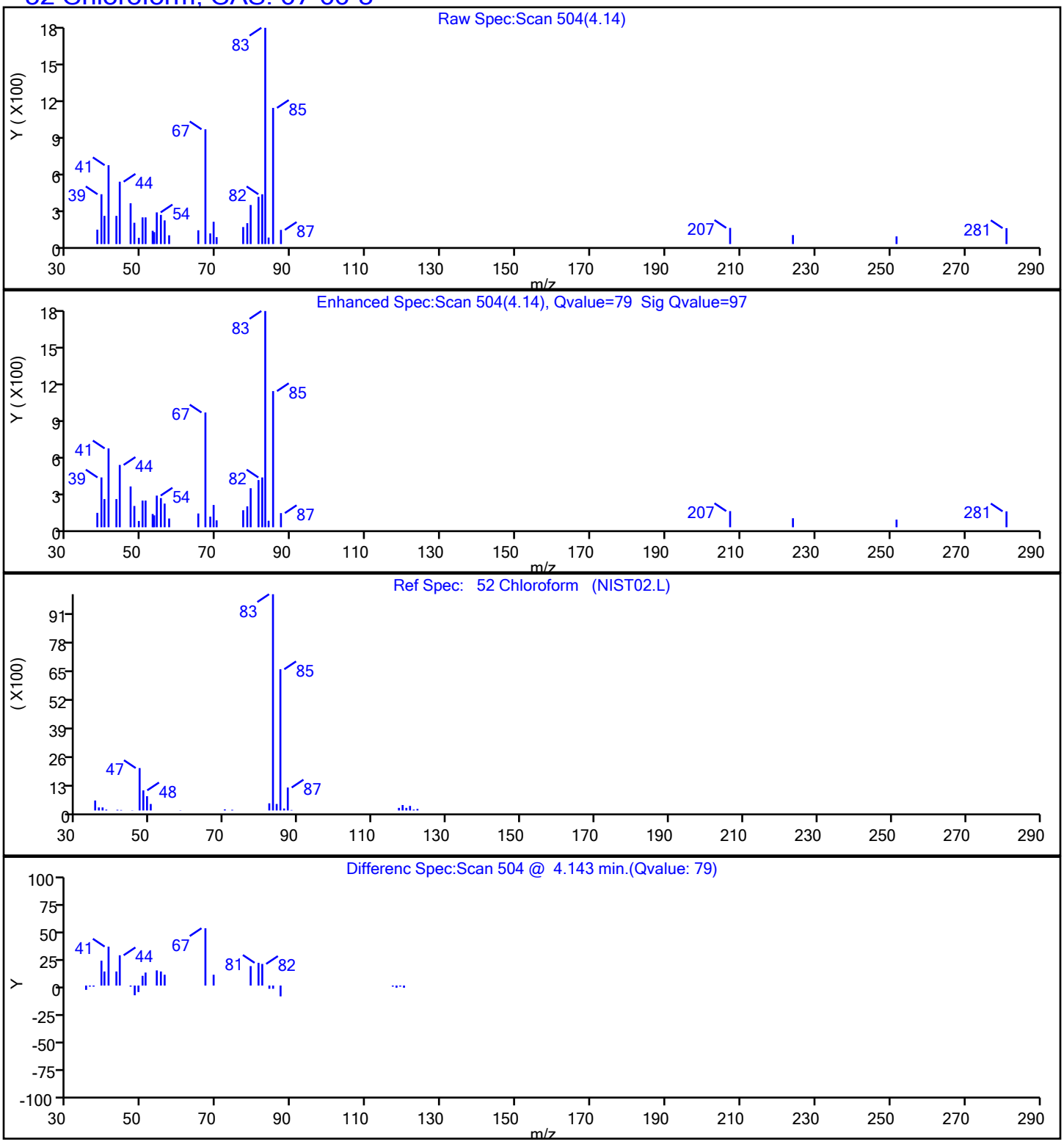
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

52 Chloroform, CAS: 67-66-3



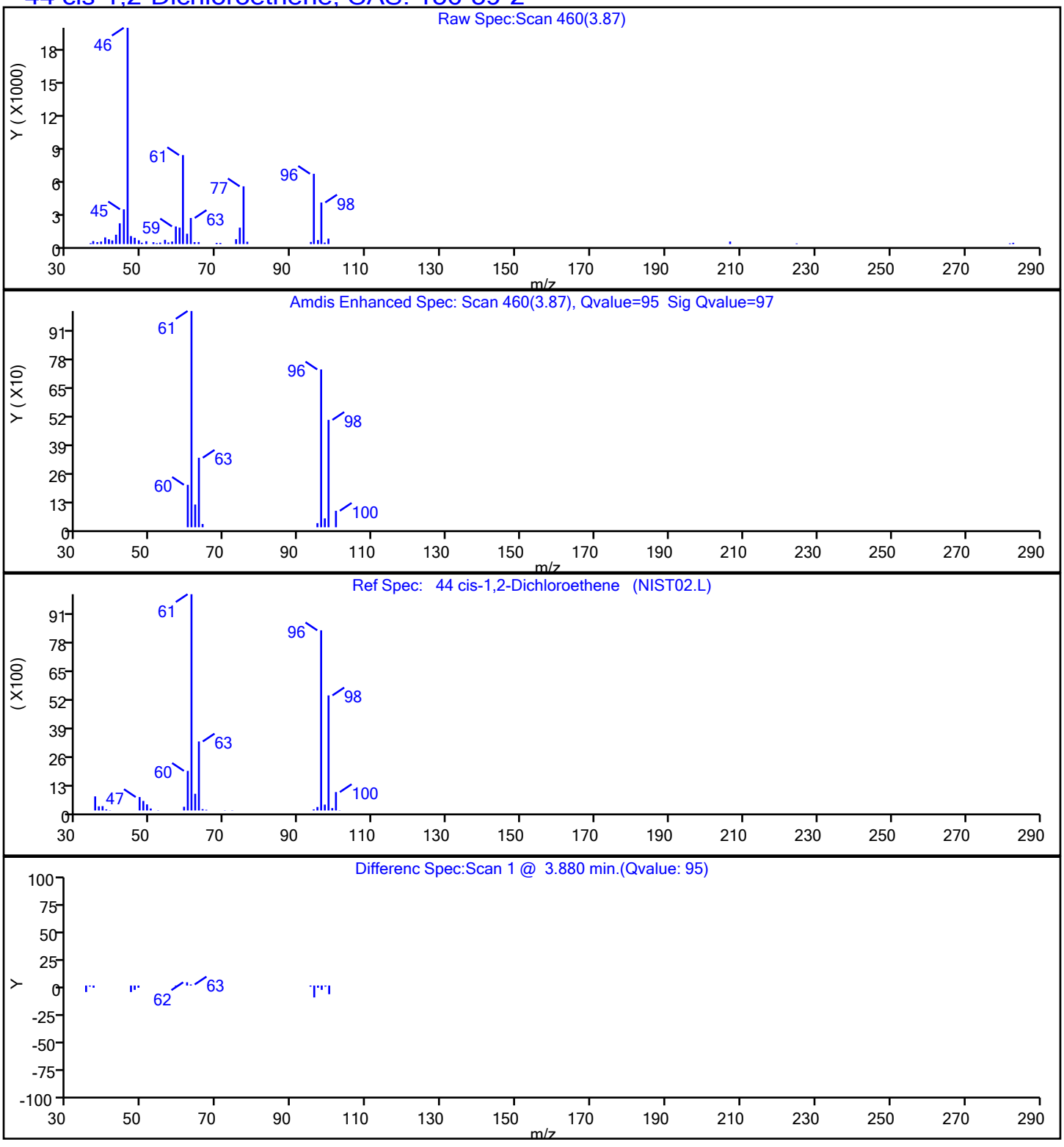
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date: 30-Aug-2024 17:41:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-4 Lab Sample ID: 460-310268-4

Client ID: NL-MW-DUP_20240827

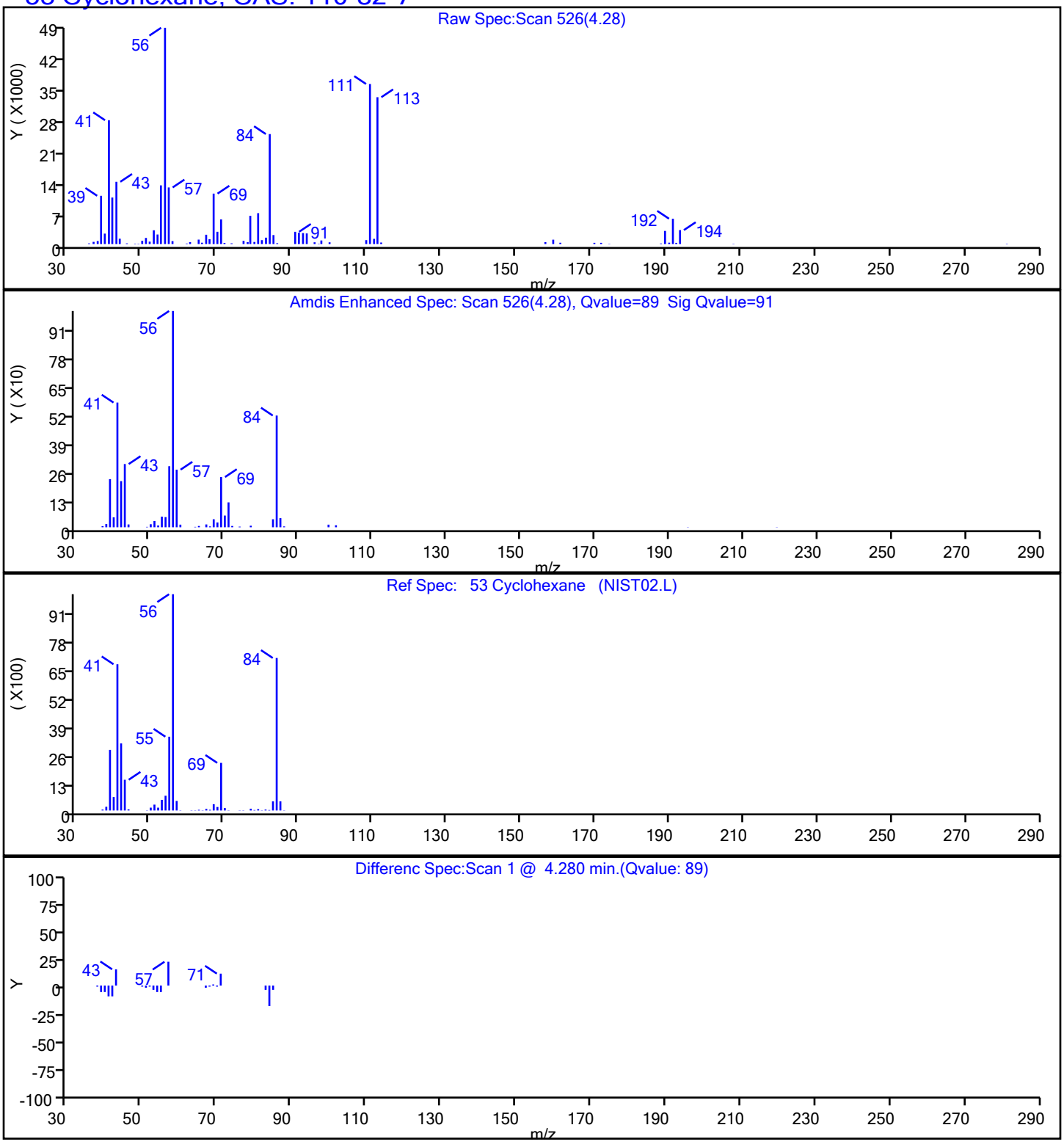
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7



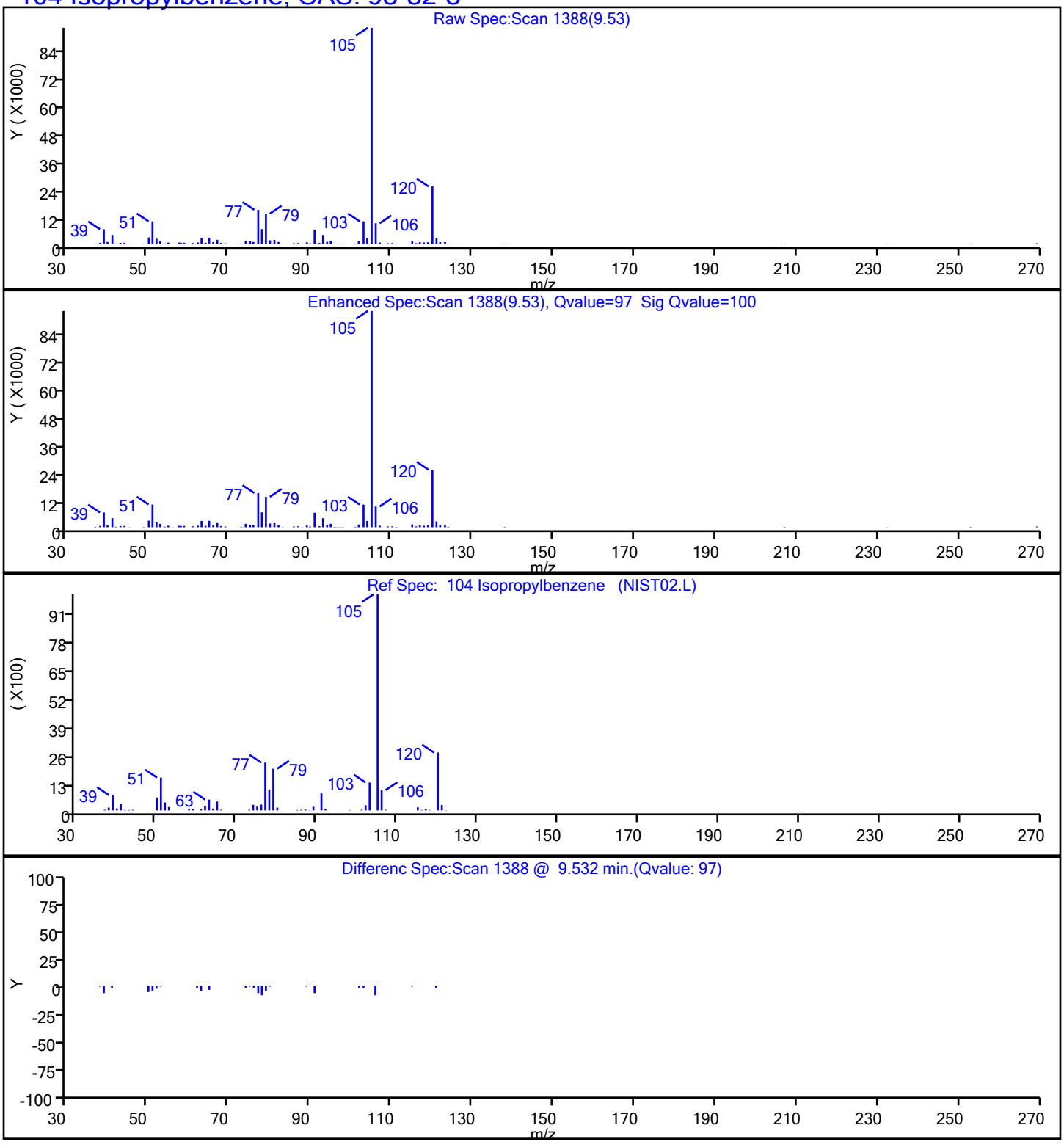
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

104 Isopropylbenzene, CAS: 98-82-8



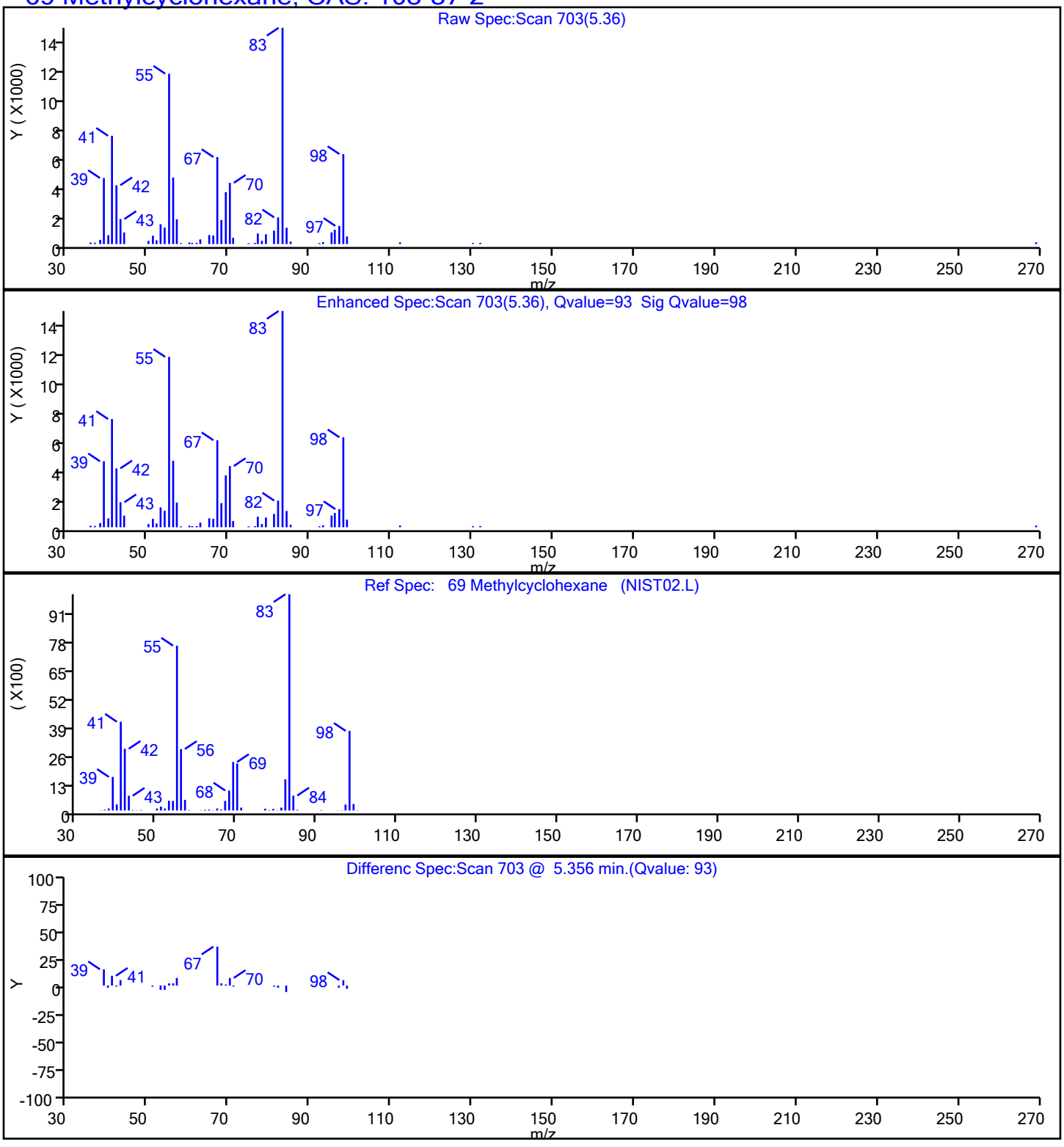
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

69 Methylcyclohexane, CAS: 108-87-2



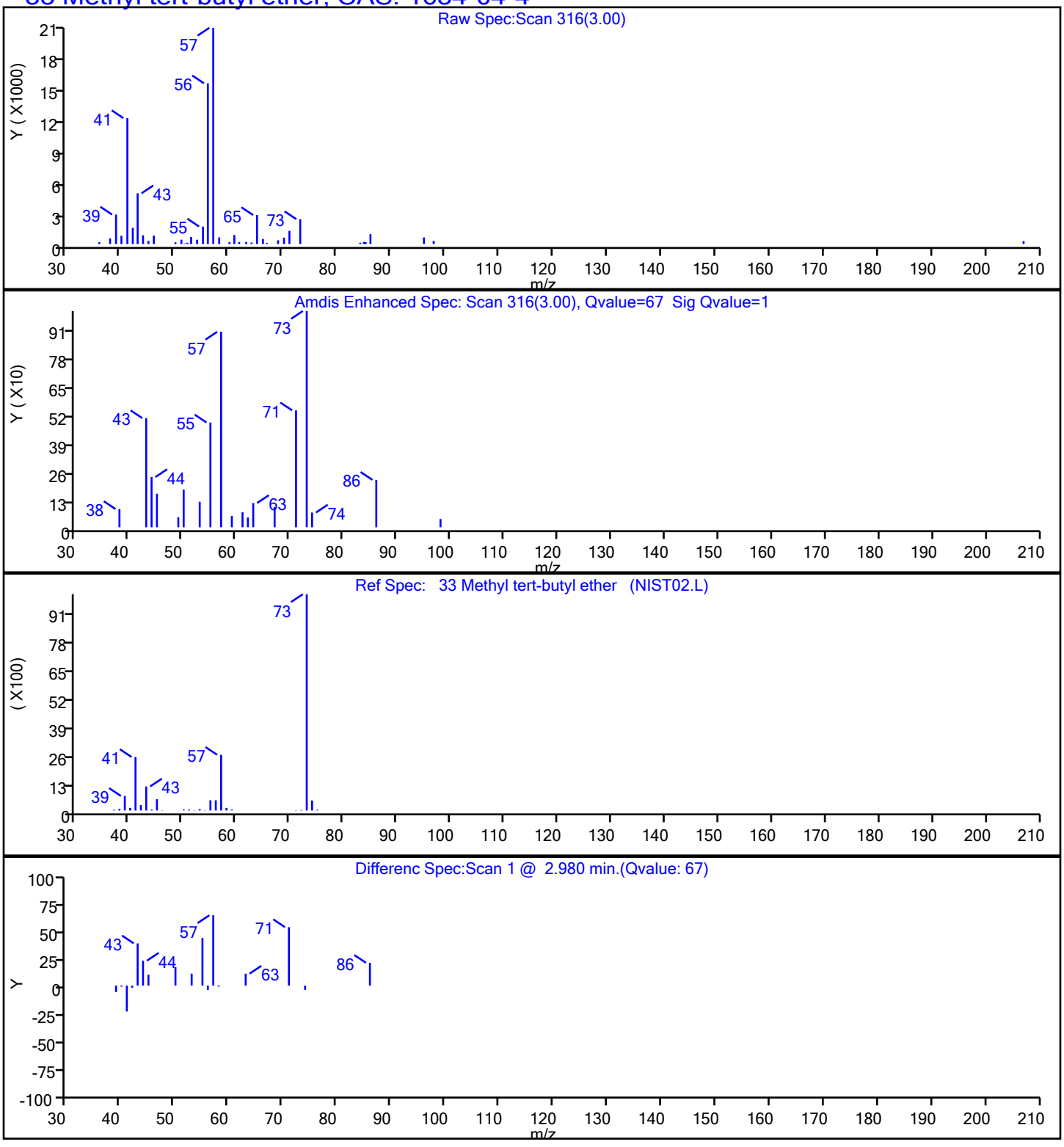
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4
Client ID:	NL-MW-DUP_20240827		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4



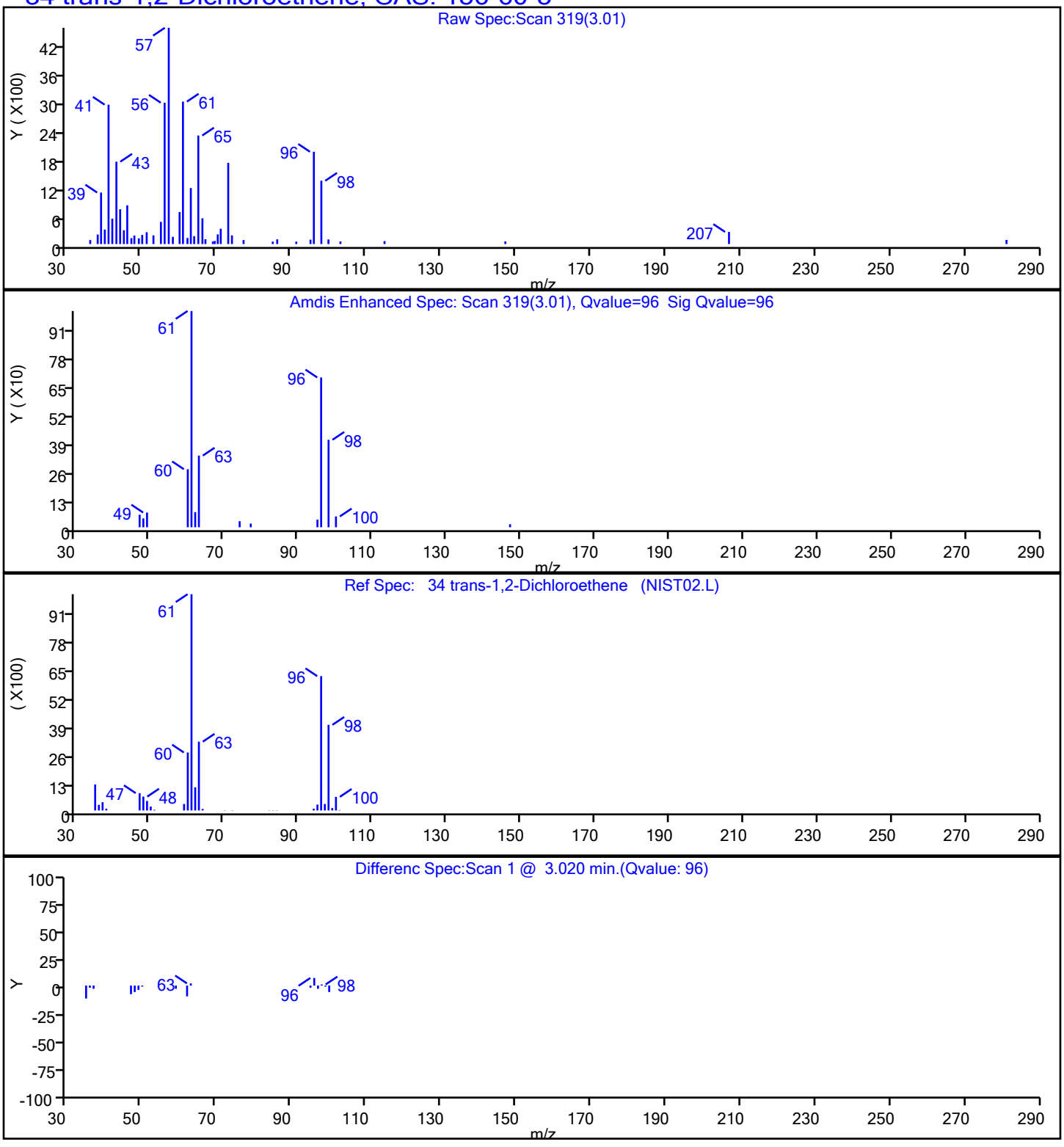
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

34 trans-1,2-Dichloroethene, CAS: 156-60-5



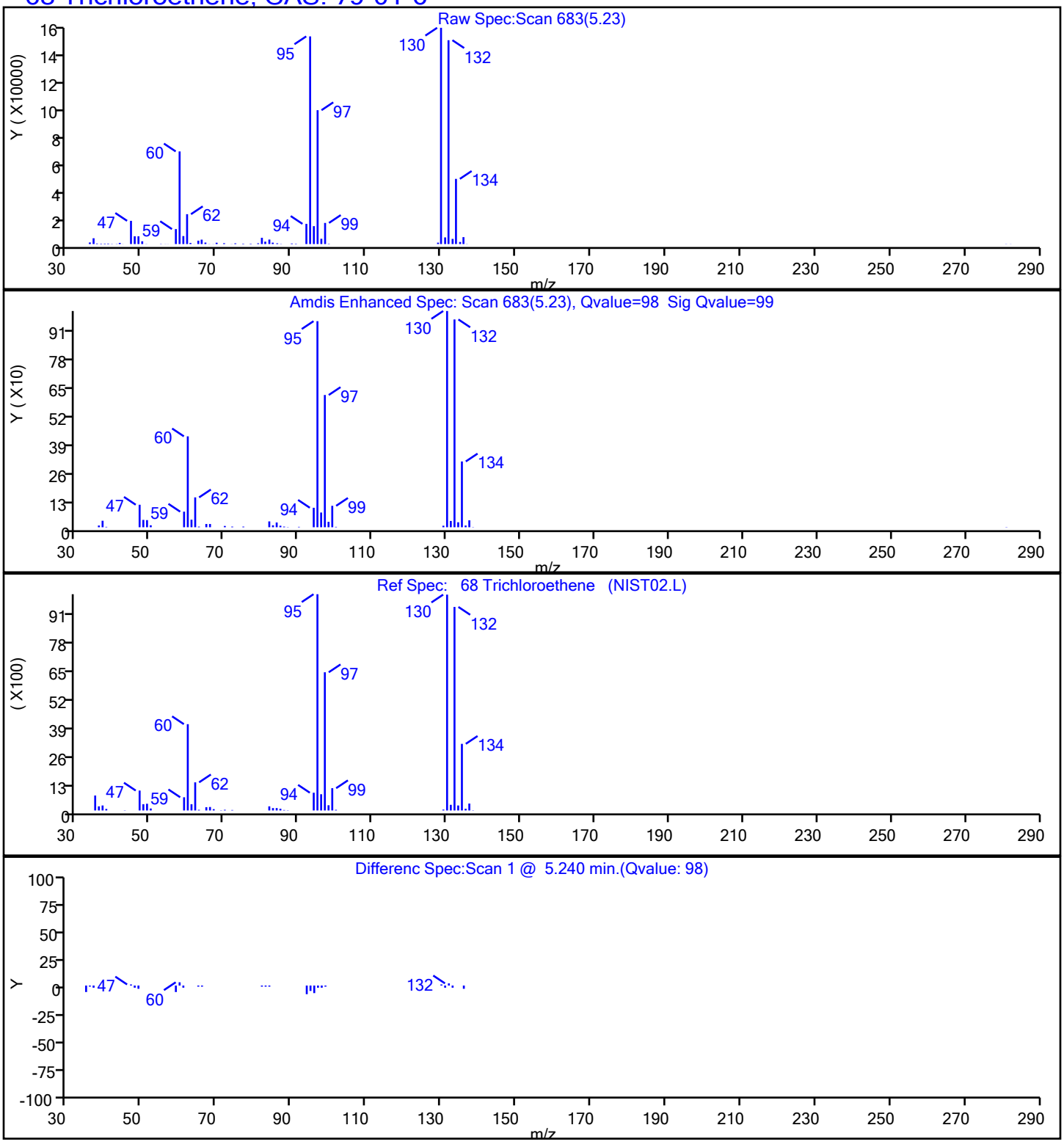
Report Date: 31-Aug-2024 17:23:19 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D

Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4
Client ID:	NL-MW-DUP_20240827		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



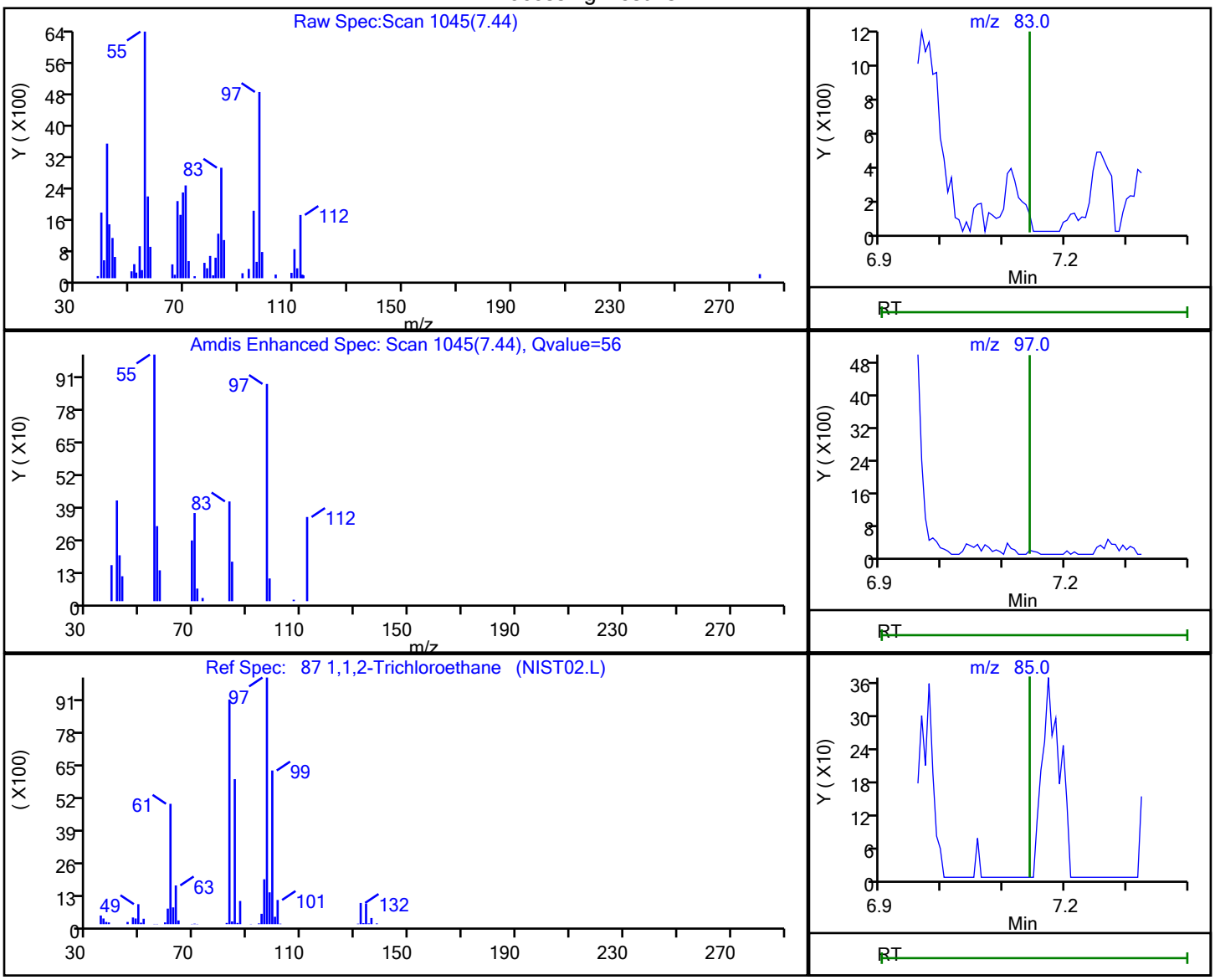
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.44	83.00	6039	2.105034
7.43	97.00	10888	
7.43	85.00	27	

Reviewer: FK2C, 31-Aug-2024 05:39:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

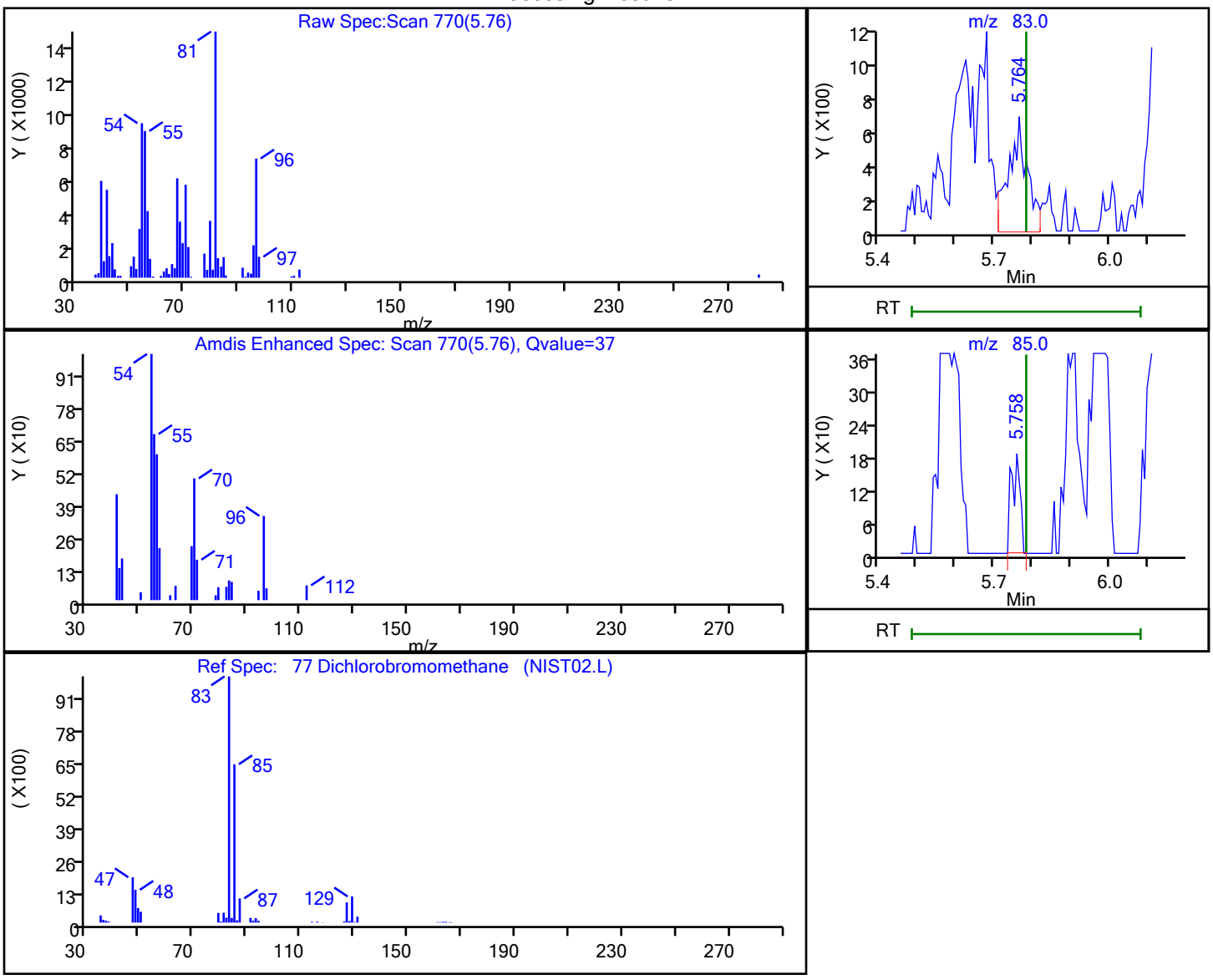
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.76	83.00	2170	0.483436
5.76	85.00	287	

Reviewer: NN6A, 31-Aug-2024 17:23:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

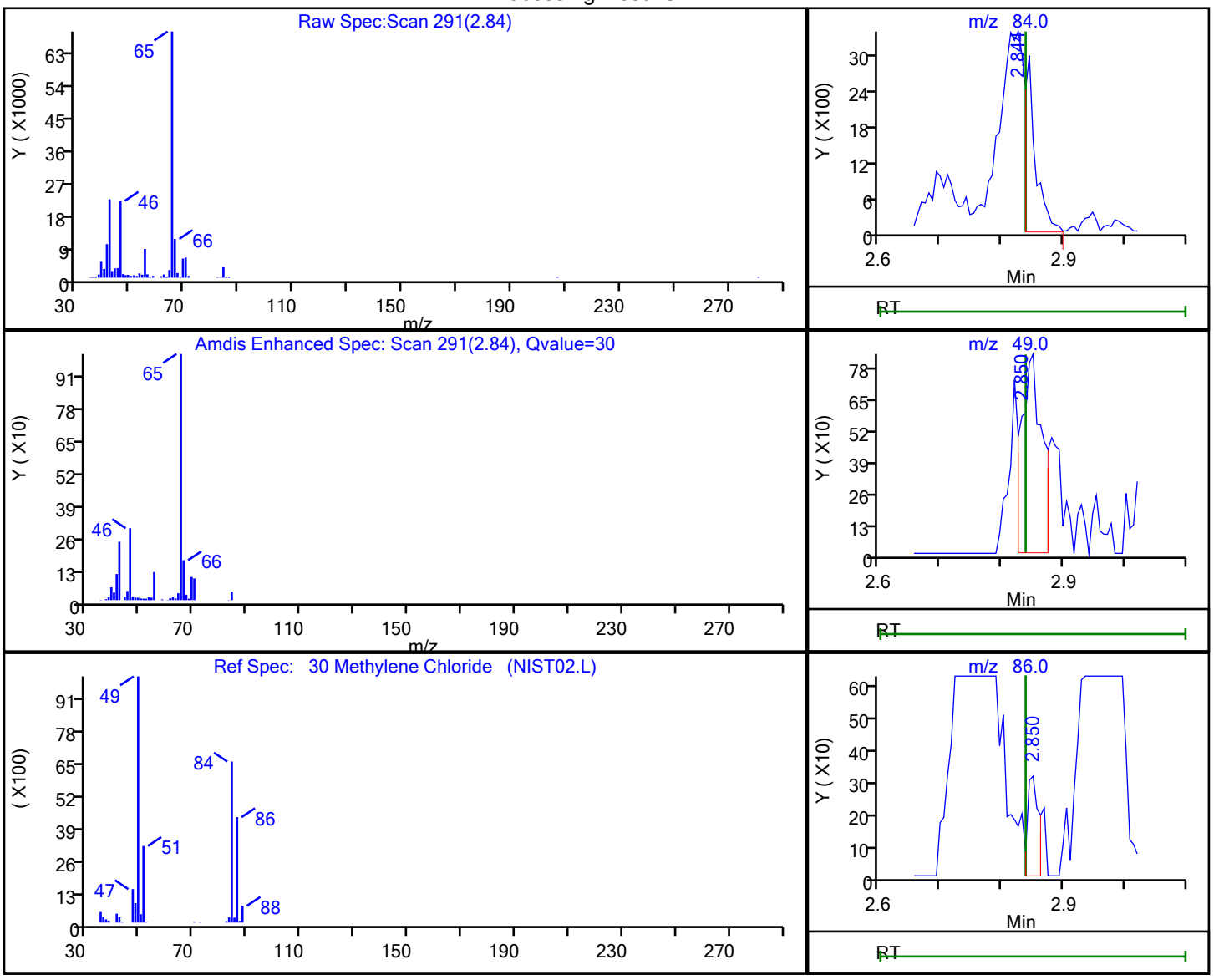
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.84	84.00	3505	0.733363
2.85	49.00	1934	
2.85	86.00	400	

Reviewer: FK2C, 31-Aug-2024 05:39:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

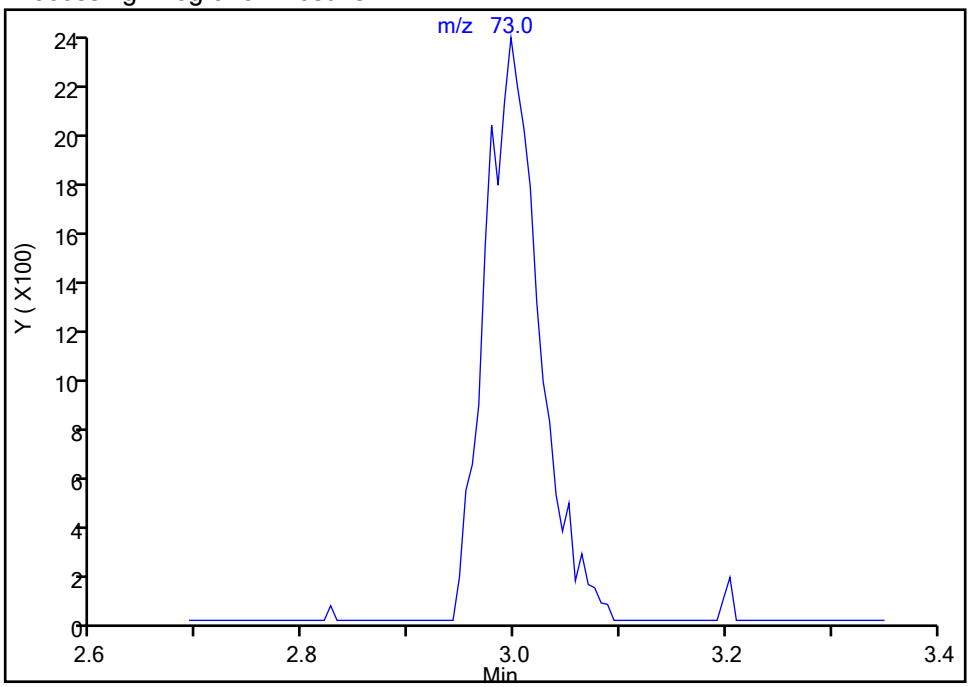
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84435.D				
Injection Date:	30-Aug-2024 17:41:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-4	Lab Sample ID:	460-310268-4		
Client ID:	NL-MW-DUP_20240827				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

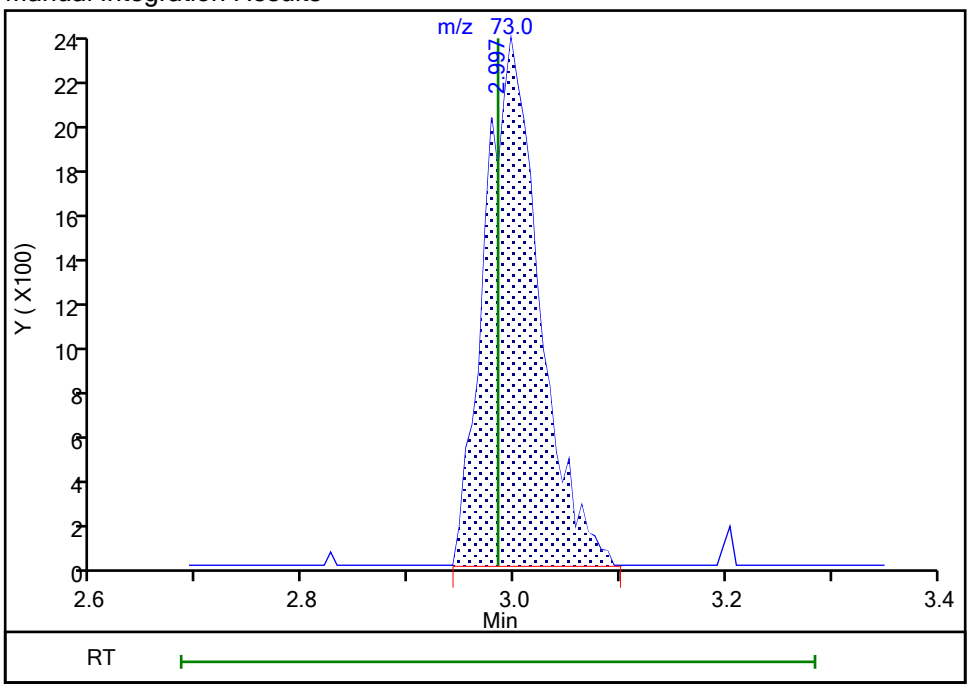
Processing Integration Results

Not Detected
Expected RT: 2.98



Manual Integration Results

RT: 3.00
Area: 8250
Amount: 0.693253
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:22:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0707	0.0057 0.0514	0.0590 0.0643	0.0690	0.0647	QuaF		0.0468	0.0000348						0.9980		0.9900
Dichlorodifluoromethane	+++++ 0.2722	0.2902 0.3303	0.2982 +++++	0.3106	0.3024	Ave		0.3006			0.1000	6.5		20.0			
Chlorodifluoromethane	+++++ 0.0458	0.0408 0.0376	0.0883 0.0423	0.0523	0.0434	QuaF		0.0361	0.0000124						0.9990		0.9900
Chloromethane	+++++ 0.3717	0.3157 0.3645	0.3643 0.3536	0.3763	0.3752	Ave		0.3602			0.1000	5.9		20.0			
Vinyl chloride	+++++ 0.3010	0.2912 0.3075	0.3520 0.3225	0.3274	0.3111	Ave		0.3161			0.1000	6.3		20.0			
Butadiene	0.3030 0.2848	0.3033 0.2987	0.2382 0.3175	0.3252	0.3048	Ave		0.2969				9.0		20.0			
Bromomethane	+++++ 0.2261	0.2157 0.2133	0.2302 0.2025	0.2412	0.2328	Ave		0.2231			0.1000	6.0		20.0			
Chloroethane	+++++ 0.1864	0.2562 0.1795	0.2301 +++++	0.2087	0.1891	Ave		0.2083			0.1000	14.3		20.0			
Dichlorofluoromethane	+++++ 0.5196	0.5336 0.4924	0.6002 0.4822	0.5781	0.5176	Ave		0.5320				8.1		20.0			
Trichlorofluoromethane	+++++ 0.3064	0.3021 0.3201	0.3146 0.3388	0.3323	0.3243	Ave		0.3198			0.1000	4.1		20.0			
Pentane	+++++ 0.0396	0.0264 0.0325	0.0369 +++++	0.0358	0.0206	QuaF		0.0377	-0.000013						0.9960		0.9900
Ethanol	+++++ 0.3430	+++++ 0.3802	+++++ 0.3431	0.5889	0.3771	Lin2	48.567	0.3392							0.9940		0.9900
Ethyl ether	+++++ 0.1603	0.4168 0.1432	0.2834 0.1426	0.1792	0.1523	Lin2	0.1347	0.1480							0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2262	0.2239 0.1978	0.2296 +++++	0.2148	0.1544	Ave		0.2078				13.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2231	0.1460 0.1932	0.1896 0.2262	0.2172	0.2154	Ave		0.2015				14.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3606	0.3269 0.3132	0.4007 0.3542	0.3787	0.3536	Ave		0.3554				8.3		20.0			
Acrolein	+++++ 0.0424	0.0536 0.0414	0.0345 0.0425	0.0410	0.0454	Ave		0.0430				13.3		20.0			
Freon TF	+++++ 0.2134	0.1875 0.2088	0.2178 +++++	0.2056	0.1310	Ave		0.1940			0.1000	16.8		20.0			
1,1-Dichloroethene	+++++ 0.2274	0.2810 0.2063	0.2695 +++++	0.2543	0.1789	Ave		0.2362			0.1000	16.6		20.0			
Acetone	+++++ 0.6820	0.9530 0.7275	0.7296 0.6851	0.6541	0.6005	Ave		0.7188			0.0500	15.6		20.0			
Iodomethane	+++++ 0.4293	0.4291 0.3700	0.4870 0.3115	0.4422	0.3753	Ave		0.4063				14.2		20.0			
Isopropyl alcohol	+++++ 3.9217	4.3116 3.9600	4.3065 3.8556	4.5792	3.5333	Ave		4.0668				8.6		20.0			
Carbon disulfide	+++++ 0.8793	0.8834 0.6436	1.0209 +++++	0.9453	0.6945	Ave		0.8445			0.1000	17.3		20.0			
3-Chloro-1-propene	+++++ 0.1657	0.1690 0.1573	0.1810 0.1355	0.1753	0.1406	Ave		0.1606				10.7		20.0			
Methyl acetate	+++++ 0.2044	0.2407 0.1821	0.2055 0.1739	0.1909	0.1933	Ave		0.1987			0.1000	10.9		20.0			
Cyclopentene	+++++ 0.5350	0.5463 0.4356	0.5530 +++++	0.5268	0.3794	Ave		0.4960				14.4		20.0			
Acetonitrile	+++++ 0.3692	0.2981 0.2605	0.3102 0.2419	0.3688	0.3297	Ave		0.3112				15.8		20.0			
Methylene Chloride	+++++ 0.2861	0.3703 0.2608	0.3062 0.2450	0.3091	0.2711	Ave		0.2927			0.1000	14.1		20.0			
2-Methyl-2-propanol	+++++ 6.9484	5.3062 6.4565	7.8817 6.5883	6.2784	6.0732	Ave		6.5047				12.2		20.0			
MTBE	+++++ 0.7405	0.7473 0.7066	0.7739 0.6375	0.7796	0.7156	Ave		0.7287			0.1000	6.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.2623	0.2713 0.2352	0.3117 0.1857	0.2818	0.2296	Ave		0.2540			0.1000	16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1150 0.1032	0.0920 0.0924	0.1052 0.0761	0.1034	0.0987	Ave		0.0983				11.8		20.0			
Hexane	+++++ 0.3450	0.3321 0.2932	0.3197 0.0842	0.2908	0.1943	Ave		0.2656				35.4	*	20.0			
Isopropyl ether	+++++ 0.8949	0.9417 0.8152	1.0082 0.7041	0.9394	0.8326	Ave		0.8766				11.5		20.0			
1,1-Dichloroethane	+++++ 0.4841	0.5304 0.4446	0.5286 0.3755	0.4973	0.4374	Ave		0.4711			0.2000	11.8		20.0			
Vinyl acetate	+++++ 0.3593	0.3325 0.3776	0.2788 0.4353	0.3061	0.3263	Ave		0.3451				14.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2246	0.2076 0.2105	0.2476 0.1820	0.2340	0.1844	Ave		0.2130				11.5		20.0			
Tert-butyl ethyl ether	+++++ 0.8171	0.7552 0.7559	0.8377 0.6722	0.8385	0.7917	Ave		0.7812				7.6		20.0			
2,2-Dichloropropane	+++++ 0.0786	0.0729 0.0792	0.0727 0.0633	0.0719	0.0679	Ave		0.0723				7.7		20.0			
cis-1,2-Dichloroethene	+++++ 0.2896	0.3225 0.2664	0.3220 0.2460	0.3042	0.2623	Ave		0.2875			0.1000	10.5		20.0			
2-Butanone	+++++ 0.2525	0.2726 0.2514	0.3147 0.2465	0.2604	0.2398	Ave		0.2625			0.0500	9.6		20.0			
Ethyl acetate	+++++ 0.2336	0.1587 0.2303	0.2948 0.2274	0.2424	0.2239	Ave		0.2301				17.3		20.0			
Methyl acrylate	+++++ 0.2262	0.2010 0.2170	0.2021 0.2206	0.1949	0.2088	Ave		0.2101				5.5		20.0			
Propionitrile	+++++ 10.916	11.098 10.589	13.611 8.7278	13.859	11.384	Ave		11.455				15.6		20.0			
Tetrahydrofuran	+++++ 0.2972	0.3432 0.2816	0.4047 0.2776	0.3159	0.2859	Ave		0.3152				14.5		20.0			
Chlorobromomethane	+++++ 0.1419	0.1388 0.1315	0.1601 0.1310	0.1494	0.1312	Ave		0.1405				7.8		20.0			
Methacrylonitrile	+++++ 0.1088	0.0938 0.0972	0.1098 0.0743	0.1076	0.1034	Ave		0.0993				12.6		20.0			
Chloroform	+++++ 0.4306	0.4191 0.4014	0.4686 0.3559	0.4616	0.3987	Ave		0.4194			0.2000	9.3		20.0			
Cyclohexane	+++++ 0.3603	0.2881 0.3277	0.3861 +++++	0.3477	0.2365	Ave		0.3244			0.1000	16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3241	0.3361 0.3164	0.3497 0.2256	0.3425	0.2708	Ave		0.3093			0.1000	14.6		20.0			
Carbon tetrachloride	+++++ 0.2274	0.2153 0.2386	0.2150 0.1576	0.2052	0.1709	Ave		0.2043			0.1000	14.5		20.0			
1,1-Dichloropropene	+++++ 0.3395	0.3489 0.3134	0.3793 0.2091	0.3504	0.2835	Ave		0.3177				17.8		20.0			
Isobutyl alcohol	+++++ 2.4186	1.9833 +++++	1.8813 +++++	2.0318	2.5568	Ave		2.1744				13.6		20.0			
Isooctane	+++++ 0.8711	0.7881 0.8816	0.8442 0.5326	0.7666	0.5446	Ave		0.7470				19.9		20.0			
Benzene	+++++ 1.4630	1.6180 1.2447	1.5868 +++++	1.5308	1.3203	Ave		1.4606			0.5000	10.2		20.0			
Isopropyl acetate	+++++ 0.1382	0.1017 0.1376	0.1409 0.1355	0.1332	0.1271	Ave		0.1306				10.3		20.0			
Tert-amyl methyl ether	+++++ 0.8677	0.7412 0.7423	0.8693 0.7538	0.8246	0.7516	Ave		0.7929				7.4		20.0			
1,2-Dichloroethane	+++++ 0.3257	0.3471 0.3039	0.3618 0.2834	0.3525	0.3095	Ave		0.3263			0.1000	8.8		20.0			
n-Heptane	+++++ 0.0578	0.0314 0.0544	0.0619 0.0185	0.0508	0.0342	Ave		0.0441				36.6	*	20.0			
n-Butanol	+++++ 1.4755	1.1053 1.8069	1.3200 1.7299	1.4472	1.3001	Ave		1.4550				16.9		20.0			
Trichloroethene	+++++ 0.2532	0.2504 0.2361	0.2602 0.1896	0.2508	0.2198	Ave		0.2372			0.2000	10.5		20.0			
Methylcyclohexane	+++++ 0.4032	0.3615 0.3925	0.4283 +++++	0.3652	0.2738	Ave		0.3708			0.1000	14.5		20.0			
Ethyl acrylate	+++++ 0.0360	0.0116 0.0354	0.0388 0.0285	0.0302	0.0256	QuaF		0.0393	-0.000022						0.9990		0.9900
1,2-Dichloropropane	+++++ 0.2753	0.2495 0.2649	0.2776 0.2493	0.2790	0.2621	Ave		0.2654			0.1000	4.7		20.0			
Methyl methacrylate	+++++ 0.0635	0.0365 0.0630	0.0527 0.0641	0.0540	0.0565	Ave		0.0558				17.4		20.0			
1,4-Dioxane	+++++ 1.0571	0.8372 1.3392	0.9936 1.2484	1.1008	1.0301	Ave		1.0866				15.3		20.0			
Dibromomethane	+++++ 0.1531	0.1507 0.1471	0.1615 0.1451	0.1634	0.1467	Ave		0.1525				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3444	0.3738 0.3467	0.3754 0.3390	0.3094	0.3154	Ave		0.3434				7.4		20.0			
Bromodichloromethane	+++++ 0.2774	0.2740 0.2870	0.2728 0.2781	0.2821	0.2526	Ave		0.2749			0.2000	4.0		20.0			
2-Nitropropane	+++++ 0.0317	0.0726 0.0362	0.0527 0.0427	0.0348	0.0287	QuaF		0.0316	0.0000110						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1708	0.1647 0.1661	0.1617 0.1635	0.1714	0.1536	Ave		0.1646				3.7		20.0			
Epichlorohydrin	0.2197 0.2168	0.2270 0.2069	0.2221 0.1835	0.2138	0.2070	Ave		0.2121				6.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5721	0.4961 0.5546	0.5438 0.5090	0.5362	0.5063	Ave		0.5312			0.2000	5.3		20.0			
4-Methyl-2-pentanone	+++++ 0.9355	0.8222 0.9004	0.9270 0.7773	0.9018	0.8640	Ave		0.8755			0.0500	6.6		20.0			
Toluene	+++++ 1.4578	1.9355 1.2618	1.8854 +++++	1.5415	1.3408	Ave		1.5705			0.4000	17.9		20.0			
trans-1,3-Dichloropropene	+++++ 0.4801	0.4216 0.4747	0.4456 0.4493	0.4256	0.4325	Ave		0.4470			0.1000	5.2		20.0			
Ethyl methacrylate	+++++ 0.4530	0.2402 0.4582	0.3105 0.4386	0.3505	0.3792	QuaF		0.4669	-0.000056						1.0000		0.9900
1,1,2-Trichloroethane	+++++ 0.2654	0.2359 0.2536	0.2912 0.2466	0.2583	0.2527	Ave		0.2577			0.1000	6.8		20.0			
Tetrachloroethene	+++++ 0.3469	0.3682 0.3257	0.3701 0.2343	0.3575	0.2999	Ave		0.3289			0.2000	14.8		20.0			
1,3-Dichloropropane	+++++ 0.5338	0.5144 0.4960	0.5855 0.4623	0.5297	0.5069	Ave		0.5184				7.3		20.0			
2-Hexanone	+++++ 1.5425	1.3671 1.3778	1.5337 1.0129	1.4990	1.4411	Ave		1.3963			0.0500	13.1		20.0			
n-Butyl acetate	+++++ 0.5371	0.4320 0.5341	0.4317 0.4865	0.4295	0.4500	Ave		0.4716				10.2		20.0			
Dibromochloromethane	+++++ 0.2674	0.2059 0.2877	0.2088 0.2982	0.2258	0.2230	Ave		0.2453			0.1000	15.7		20.0			
1,2-Dibromoethane	+++++ 0.3043	0.3059 0.2833	0.2848 0.2769	0.2885	0.2794	Ave		0.2890			0.1000	4.0		20.0			
Chlorobenzene	+++++ 0.9503	0.9538 0.8657	1.0605 0.6825	1.0009	0.8739	Ave		0.9125			0.5000	13.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5234	0.5025 0.4923	0.5552 0.3989	0.5136	0.4650	Ave		0.4930			0.1000	10.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2781	0.2636 0.3021	0.2695 0.2920	0.2281	0.2254	Ave		0.2656				11.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6407	0.5450 0.6012	0.6804 0.4816	0.6131	0.5712	Ave		0.5904			0.1000	11.0		20.0			
o-Xylene	+++++ 0.6493	0.6111 0.6115	0.6403 0.5038	0.6073	0.5956	Ave		0.6027			0.3000	7.9		20.0			
n-Butyl acrylate	+++++ 0.2626	0.1685 +++++	0.1837 +++++	0.1799	0.2052	Ave		0.2000				18.7		20.0			
Styrene	+++++ 1.0555	0.9874 0.9602	0.9537 0.7305	1.0344	0.9570	Ave		0.9541			0.3000	11.1		20.0			
Bromoform	+++++ 0.1601	0.0932 0.1863	0.1034 0.1991	0.1235	0.1294	Qua2	-0.026	0.1390	0.0001380		0.1000				0.9920		0.9900
Amyl acetate (mixed isomers)	+++++ 1.1753	0.6542 1.2200	0.8182 1.0521	0.8091	0.9224	QuaF		1.3043	-0.000503						1.0000		0.9900
Isopropylbenzene	+++++ 1.4650	1.2835 1.2814	1.5069 +++++	1.3971	1.2854	Ave		1.3699			0.1000	7.4		20.0			
Bromobenzene	+++++ 0.7333	0.8123 0.6812	0.6924 0.6236	0.7563	0.6821	Ave		0.7116				8.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7288	0.6383 0.6919	0.6812 0.6667	0.7094	0.6918	Ave		0.6869			0.3000	4.2		20.0			
N-Propylbenzene	+++++ 3.3443	3.3690 2.6467	3.6041 +++++	3.3685	3.0370	Ave		3.2283				10.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2012	0.1854 0.1896	0.1917 0.1945	0.2141	0.1959	Ave		0.1961				4.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1789	0.1260 0.1902	0.1442 0.2007	0.1300	0.1421	Ave		0.1589				19.1		20.0			
2-Chlorotoluene	+++++ 2.3018	2.2838 2.0334	2.4465 +++++	2.3823	2.1503	Ave		2.2663				6.7		20.0			
4-Ethyltoluene	+++++ 2.8164	2.7816 2.3710	2.8587 +++++	2.7845	2.6105	Ave		2.7038				6.8		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3367	2.2389 2.0535	2.4030 +++++	2.2432	2.1488	Ave		2.2373				5.6		20.0			
4-Chlorotoluene	+++++ 2.2954	2.2558 1.9029	2.2186 +++++	2.2482	2.1470	Ave		2.1780				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.7702	0.3735 0.8486	0.3810 0.7885	0.4487	0.5526	QuaF		0.8655	-0.000153						0.9990		0.9900
tert-Butylbenzene	+++++ 1.9827	1.9157 1.8467	1.9205 +++++	1.8839	1.7233	Ave		1.8788				4.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4623	2.3250 2.0792	2.4210 +++++	2.4255	2.2682	Ave		2.3302				6.1		20.0			
sec-Butylbenzene	+++++ 3.0339	2.8924 2.4891	3.1063 +++++	2.9359	2.6432	Ave		2.8501				8.3		20.0			
1,3-Dichlorobenzene	+++++ 1.4251	1.3969 1.2805	1.4473 +++++	1.4681	1.3298	Ave		1.3913			0.6000	5.2		20.0			
4-Isopropyltoluene	+++++ 2.6452	2.2244 2.1959	2.6010 +++++	2.6125	2.3702	Ave		2.4415				8.4		20.0			
1,4-Dichlorobenzene	+++++ 1.4249	1.4138 1.2752	1.4373 +++++	1.4258	1.3449	Ave		1.3870			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6746	2.5962 2.1691	2.6789 +++++	2.5928	2.4796	Ave		2.5319				7.6		20.0			
Benzyl chloride	+++++ 1.1565	0.8156 1.2322	0.8315 1.0234	0.8290	0.9697	Ave		0.9797				17.1		20.0			
Indan	+++++ 2.5724	2.2234 2.0772	2.5745 +++++	2.5496	2.4421	Ave		2.4065				8.7		20.0			
p-Diethylbenzene	+++++ 1.6902	1.4209 1.5079	1.5716 +++++	1.6434	1.5283	Ave		1.5604				6.2		20.0			
n-Butylbenzene	+++++ 1.4290	1.2084 1.3102	1.3884 +++++	1.4118	1.2761	Ave		1.3373				6.5		20.0			
1,2-Dichlorobenzene	+++++ 1.3975	1.2760 1.2540	1.4953 +++++	1.4083	1.3680	Ave		1.3665			0.4000	6.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6054	2.4990 2.0808	2.4962 +++++	2.5308	2.4365	Ave		2.4414				7.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1047	0.0662 0.1164	0.0808 +++++	0.0711	0.0825	QuaF		0.0963	0.0001009		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.1984	1.2324 1.1032	1.1520 +++++	1.1722	1.1346	Ave		1.1655				4.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1474	0.9771 1.0360	1.2379 0.7339	1.1087	1.0705	Ave		1.0445			0.2000	15.3		20.0			
Hexachlorobutadiene	+++++ 0.5686	0.5262 0.5812	0.6445 0.3692	0.5690	0.5026	Ave		0.5373				16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.6676	2.2473 2.0816	2.6304 +++++	2.4948	2.5103	Ave		2.4387				9.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.1141	1.0291 1.0180	1.1479 +++++	1.0810	1.0442	Ave		1.0724				4.8		20.0			
Dibromofluoromethane (Surr)	0.2348 0.2437	0.2388 0.2428	0.2461 0.2429	0.2445	0.2421	Ave		0.2420				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2846 0.2901	0.2804 0.2867	0.2850 0.2976	0.2848	0.2794	Ave		0.2861				2.0		20.0			
Toluene-d8 (Surr)	1.3487 1.3424	1.3514 1.3447	1.3485 1.3309	1.3187	1.3294	Ave		1.3394				0.9		20.0			
Bromofluorobenzene	0.4249 0.4247	0.4165 0.4205	0.4233 0.4105	0.4239	0.4186	Ave		0.4204				1.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 53801	44 162110	869 539370	5195	19442	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 207020	2228 1042245	4394 +++++	23398	90798	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chlorodifluoromethane	FB	QuaF	+++++ 34831	313 118499	1301 354929	3940	13027	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 282674	2424 1150107	5369 2964620	28347	112662	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 228967	2236 970397	5188 2704086	24663	93409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1204 216587	2329 942423	3511 2662135	24498	91514	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 172000	1656 672942	3393 1697817	18168	69906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 141736	1967 566334	3391 +++++	15726	56795	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 395205	4097 1553847	8846 4043243	43554	155424	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 233053	2320 1010002	4636 2840667	25033	97371	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	QuaF	+++++ 60290	406 204922	1088 +++++	5396	12371	+++++ 100	1.00 400	2.00 +++++	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 35649	+++++ 161235	+++++ 458088	4906	14031	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Lin2	+++++ 121906	3200 451936	4176 1195813	13497	45741	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 172034	1719 624277	3384 +++++	16179	46358	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 169711	1121 609493	2794 1897047	16365	64690	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 274264	2510 988297	5905 2970032	28531	106189	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 64502	1645 130687	2032 285379	12364	27263	+++++ 100	2.00 200	4.00 400	20.0	40.0
Freon TF	FB	Ave	+++++ 162278	1440 658910	3210 +++++	15491	39322	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 172977	2158 650894	3972 +++++	19159	53707	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetone	BUT	Ave	+++++ 290517	3769 1294320	5810 3402964	26613	98299	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 326506	3295 1167619	7177 2612053	33312	112682	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 101890	880 419842	1737 1286832	9537	32866	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 668760	6783 2030726	15045 +++++	71216	208546	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 126041	1298 496313	2667 1136356	13206	42210	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 310991	3697 1149438	6056 2915935	28766	116061	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 406899	4195 1374648	8150 +++++	39689	113930	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 314535	2358 927126	4940 2402595	30008	107930	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 217627	2843 823038	4512 2054374	23289	81396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 180527	1083 684533	3179 2198901	13076	56492	+++++ 500	5.00 2000	10.0 5000	50.0	200
MTBE	FB	Ave	+++++ 563175	5738 2229557	11405 5345732	58732	214874	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 199528	2083 742155	4594 1557539	21231	68954	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3657 784684	7067 2917096	15505 6379978	77919	296415	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 262399	2550 925192	4712 706245	21905	58343	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 680621	7231 2572298	14858 5903918	70772	249997	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 368161	4073 1402859	7790 3148960	37466	131331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++	526	888	4982	21364	+++++	1.00	2.00	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			61212	268759	864927			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	+++++ 170832	1594 664236	3649 1525911	17628	55366	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 621479	5799 2385024	12345 5636746	63169	237711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 59779	560 249805	1071 530531	5417	20384	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 220273	2476 840557	4745 2062470	22915	78756	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone	BUT	Ave	+++++ 107537	1078 447232	2506 1224508	10594	39252	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 39794	251 163873	939 451876	3945	14658	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 172034	1543 684693	2978 1849793	14680	62688	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 283613	2265 1122678	5490 2912975	28865	105890	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 50643	543 200427	1289 551568	5140	18717	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 107921	1066 414865	2359 1098245	11256	39394	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 827560	7199 3067017	16180 6230054	81049	310440	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 327502	3218 1266553	6906 2984524	34774	119706	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 274015	2212 1034058	5690 +++++	26195	71026	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 246535	2581 998235	5153 1891529	25804	81308	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 172948	1653 752803	3168 1321700	15456	51314	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 258246	2679 989015	5590 1753410	26399	85126	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 157092	1012 +++++	1897 +++++	10579	59457	+++++ 1250	12.5 +++++	25.0 +++++	125	500
Isooctane	FB	Ave	+++++ 662562	6051 2781946	12442 4465955	57756	163531	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 789641	8574 2848559	16573 +++++	82447	281551	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Isopropyl acetate	FB	Ave	+++++	781	2077	10035	38158	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			105081	434229	1136534			50.0	200	500		
Tert-amyl methyl ether	FB	Ave	+++++ 659971	5691 2342305	12811 6321068	62126	225670	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 247739	2665 958964	5332 2376646	26557	92940	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 43952	241 171680	912 155049	3828	10281	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 95838	564 478916	1331 1443443	7535	30234	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 192609	1923 744870	3835 1589878	18897	65984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 306689	2776 1238604	6312 +++++	27517	82214	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 27410	89 111757	572 238571	2273	7693	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 209351	1916 836022	4091 2090847	21016	78711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 96525	560 397823	1554 1074433	8139	33958	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 40830	720 164432	1575 464769	4008	14292	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 116441	1157 464145	2380 1216586	12311	44051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 261956	2870 1093991	5533 2842478	23308	94713	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 210962	2104 905573	4020 2332147	21255	75848	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 48209	1115 228389	1552 715471	5247	17241	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 130234	1268 525466	2389 1374141	12947	46237	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1841 369479	3591 1472568	7074 3645202	34795	135521	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 308760	2629 1269175	5680 3111522	28882	107960	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 398487	3252 1602068	7382 3860713	36688	141420	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 786819	10256 2887517	19692 +++++	83026	285919	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 259110	2234 1086262	4654 2746373	22923	92220	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	QuaF	+++++ 244497	1273 1048621	3243 2681146	18880	80867	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 143222	1250 580434	3041 1507602	13911	53882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 187252	1951 745266	3865 1432037	19255	63942	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 288130	2726 1135169	6115 2826061	28531	108095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 657031	5407 2451468	12214 5030824	60986	235893	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 289879	2289 1222252	4509 2973678	23134	95962	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 144311	1091 658507	2181 1822645	12161	47553	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 164226	1621 648323	2975 1692728	15537	59584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 512880	5054 1981185	11076 4171973	53911	186358	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 282468	2663 1126615	5799 2438718	27662	99148	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 150105	1397 691463	2815 1784857	12287	48055	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 345782	2888 1375720	7106 2944065	33020	121807	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 350433	3238 1399457	6687 3079741	32707	126998	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++	893	1919	9687	43763	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			141751	+++++	+++++			50.0	+++++	+++++		
Styrene	CBNZd5	Ave	+++++ 569661	5232 2197483	9961 4465588	55715	204083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Qua2	+++++ 86385	494 426243	1080 1217270	6654	27602	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	QuaF	+++++ 362356	1937 1575582	4819 3478634	24414	109884	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 790679	6801 2932394	15739 +++++	75249	274104	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 226091	2405 879797	4078 2061871	22820	81261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 224690	1890 893591	4012 2204604	21405	82414	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1031101	9975 3418095	21227 +++++	101645	361817	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 62032	549 244842	1129 642973	6461	23342	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 55143	373 245682	849 663589	3923	16928	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 709689	6762 2626026	14409 +++++	71886	256171	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 868359	8236 3061974	16837 +++++	84022	310997	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 720436	6629 2651978	14153 +++++	67688	256000	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 707720	6679 2457518	13067 +++++	67840	255786	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 237463	1106 1095950	2244 2607074	13540	65832	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 611290	5672 2384983	11311 +++++	56847	205306	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 759181	6884 2685218	14259 +++++	73188	270226	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 935405	8564 3214567	18295 +++++	88591	314892	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 439369	4136 1653754	8524 +++++	44299	158427	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 815553	6586 2835901	15319 +++++	78832	282371	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 439317	4186 1646817	8465 +++++	43024	160218	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 824614	7687 2801254	15778 +++++	78236	295403	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 356575	2415 1591290	4897 3383816	25014	115528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 793118	6583 2682634	15163 +++++	76935	290937	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 521107	4207 1947360	9256 +++++	49589	182074	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 440576	3578 1692074	8177 +++++	42601	152024	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 430887	3778 1619427	8807 +++++	42495	162977	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 803294	7399 2687202	14702 +++++	76366	290271	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	QuaF	+++++ 32290	196 150385	476 +++++	2144	9829	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 369501	3649 1424767	6785 +++++	35371	135169	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 353761	2893 1337970	7291 2426732	33454	127533	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 175312	1558 750616	3796 1220751	17169	59875	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 822459	6654 2688308	15492 +++++	75281	299067	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 343502	3047 1314680	6761 +++++	32618	124400	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	186606 185359	183336 191530	181380 203698	184231	181765	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	226150 220651	215314 226145	209991 249535	214599	209757	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	762784 724540	716109 769312	704212 813589	710246	708732	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	240320 229236	220729 240593	221049 250955	228299	223148	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310268-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-310268-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	+++++	+++++	2.0						30		
Ethyl ether	+++++	-0.5						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Aug-2024 08:07:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0180260-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:10:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:33:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.588	1.570	0.018	28	1204	0.2500	0.2551	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	34478	1000.0	1000.0	
35 Acrylonitrile	53	3.082	3.070	0.012	99	3657	2.00	2.34	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	419005	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	186606	50.0	48.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226150	50.0	49.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	794663	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	29940	1000.0	1000.0	
80 Epichlorohydrin	57	6.221	6.222	-0.001	96	1841	5.00	5.18	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	762784	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	565550	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	96	240320	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	312475	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

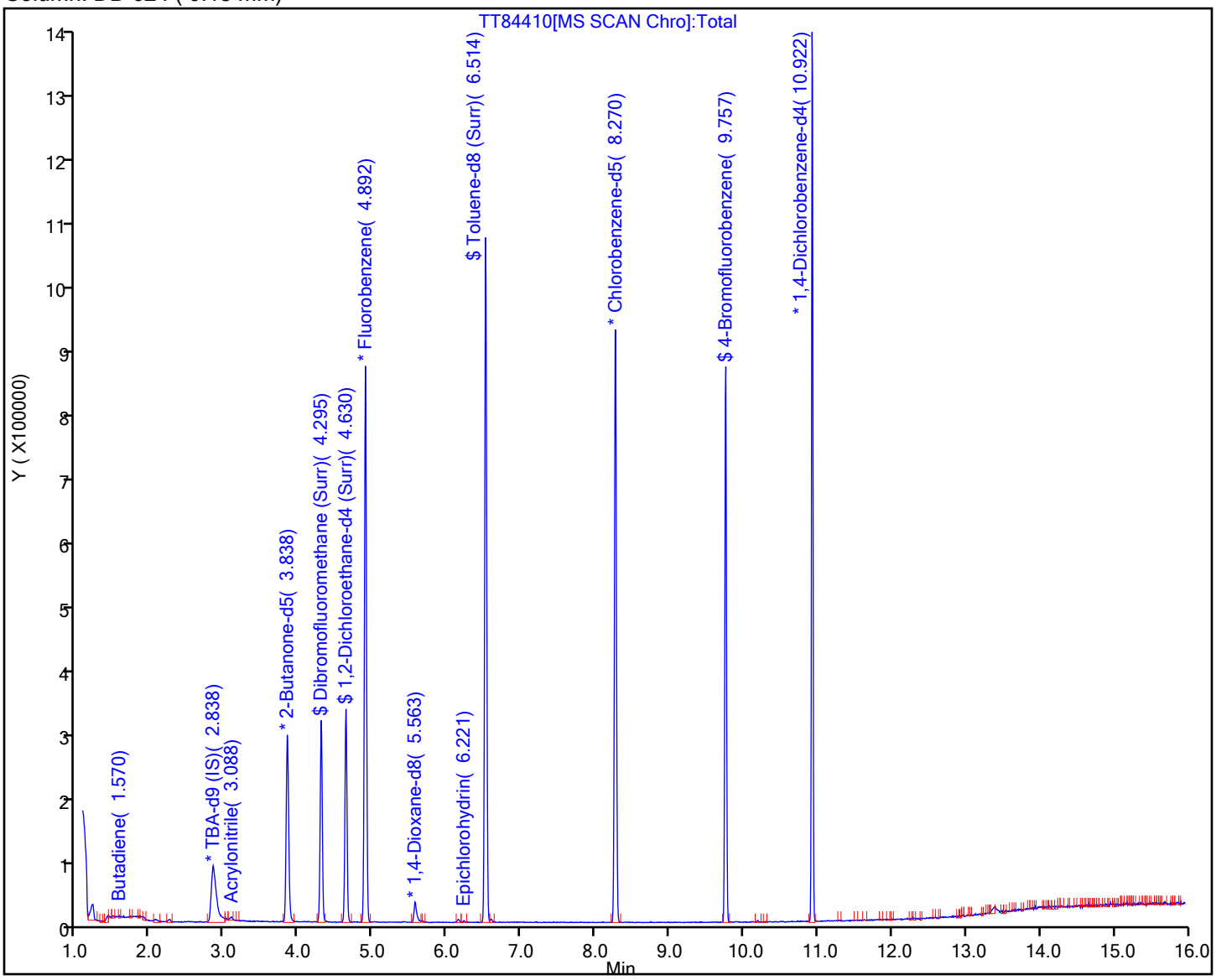
Reagents:

524FREONS_00023	Amount Added:	0.00	Units: uL	
ACROLEIN W_00173	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	0.00	Units: uL	
14DIOXINTER_00172	Amount Added:	0.00	Units: uL	
GASES Li_00600	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
Ethanol mix_00092	Amount Added:	0.00	Units: uL	
MIX I Hi_00179	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	0.00	Units: uL	
GAS Hi_00477	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00128	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:10:52 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison

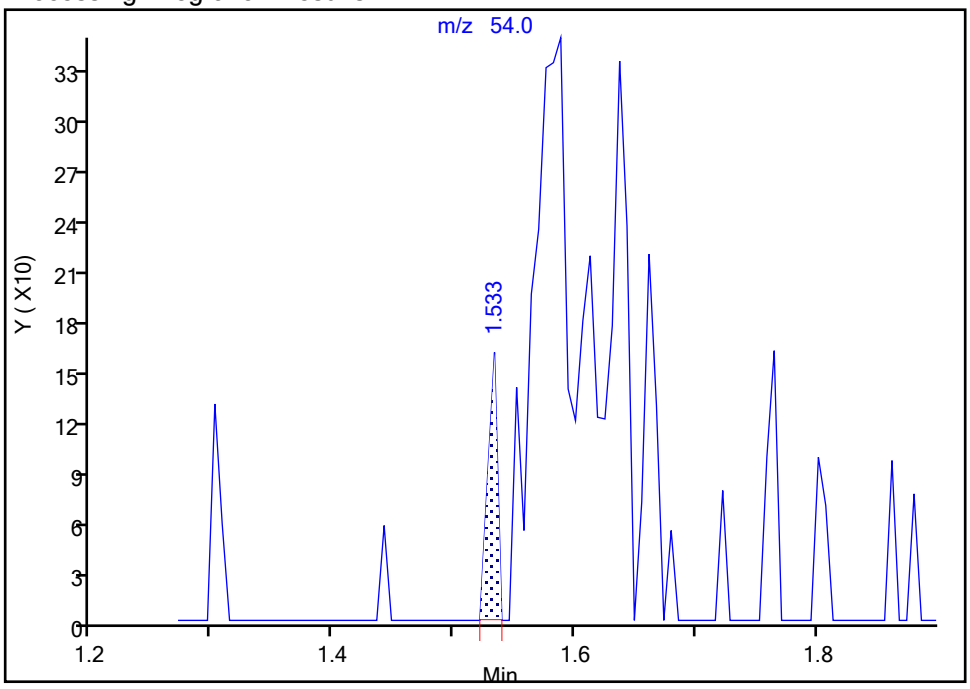
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

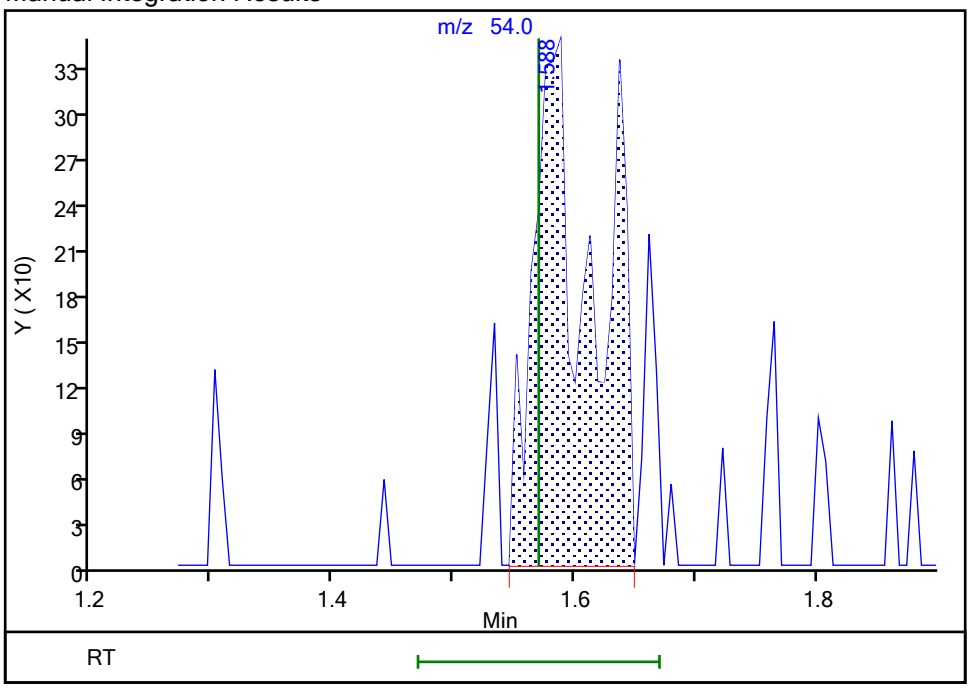
Processing Integration Results

RT: 1.53
Area: 89
Amount: 0.474863
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 1204
Amount: 0.255128
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

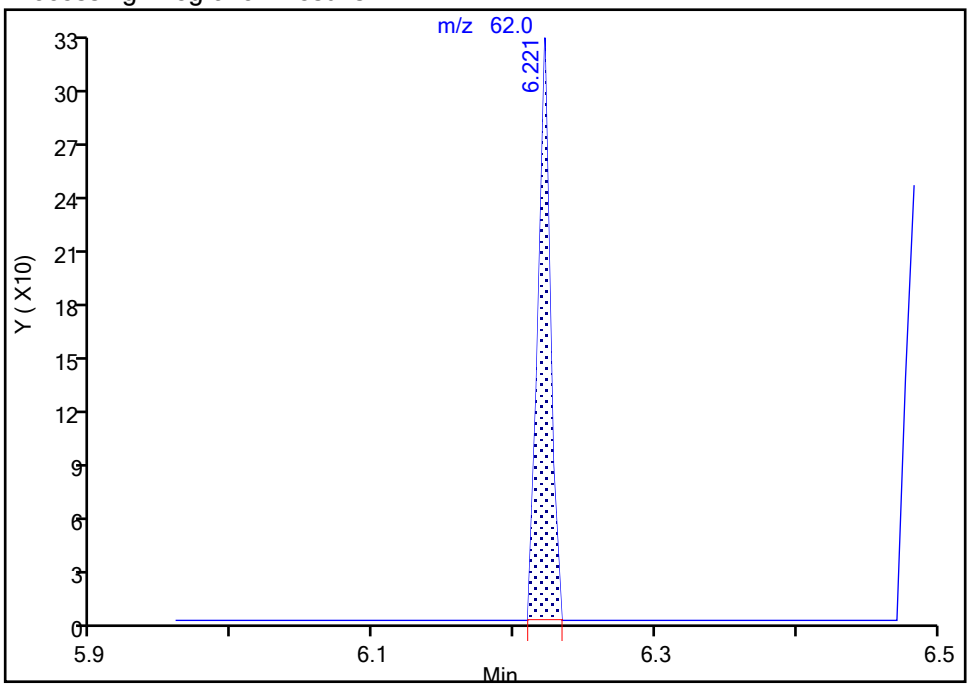
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

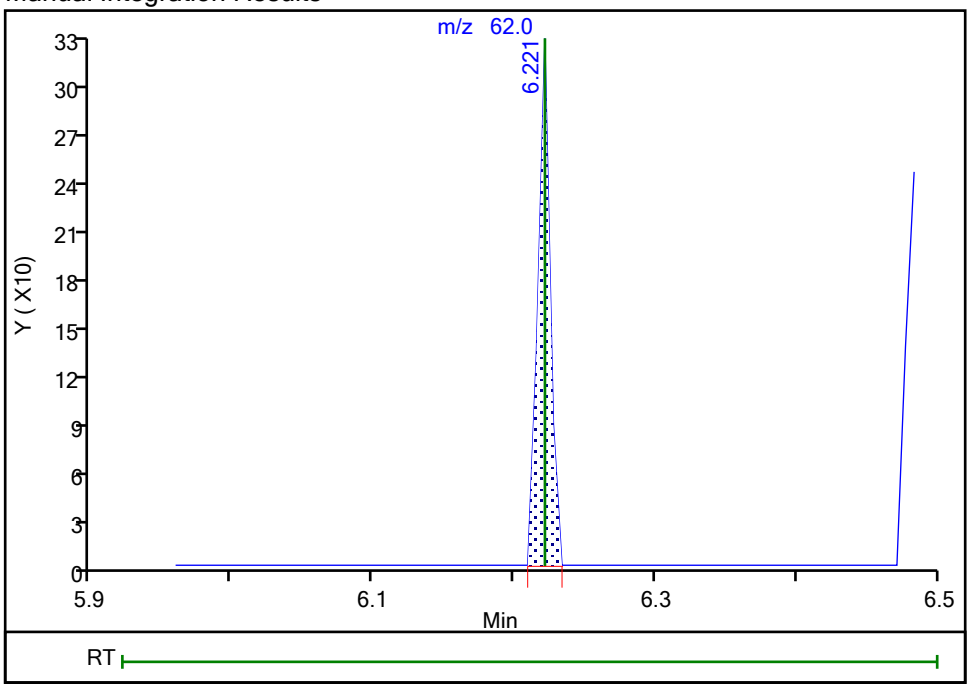
Processing Integration Results

RT: 6.22
Area: 198
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 198
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

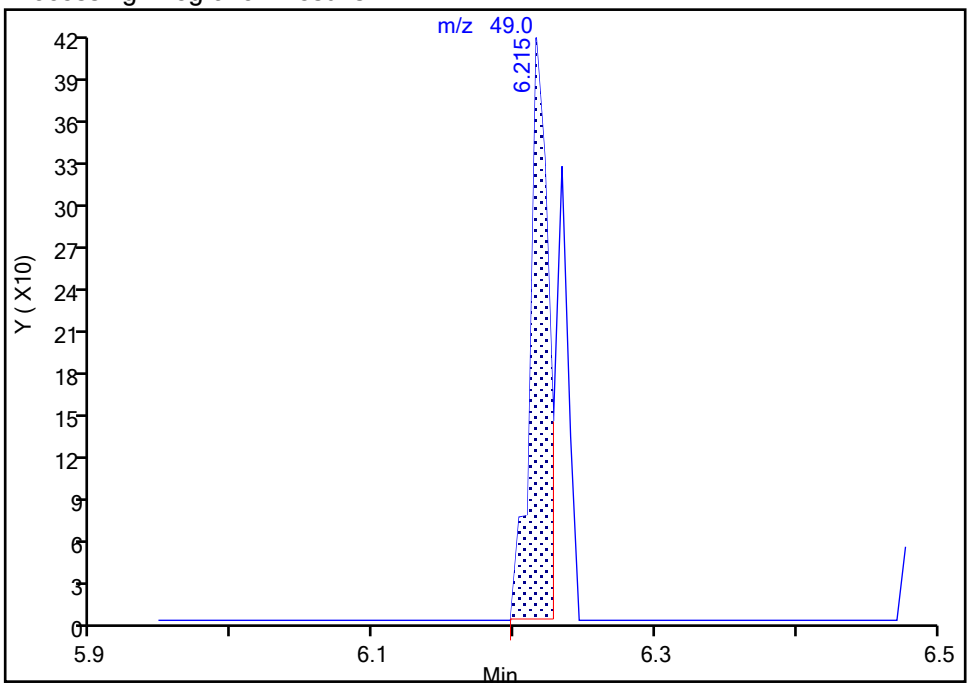
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

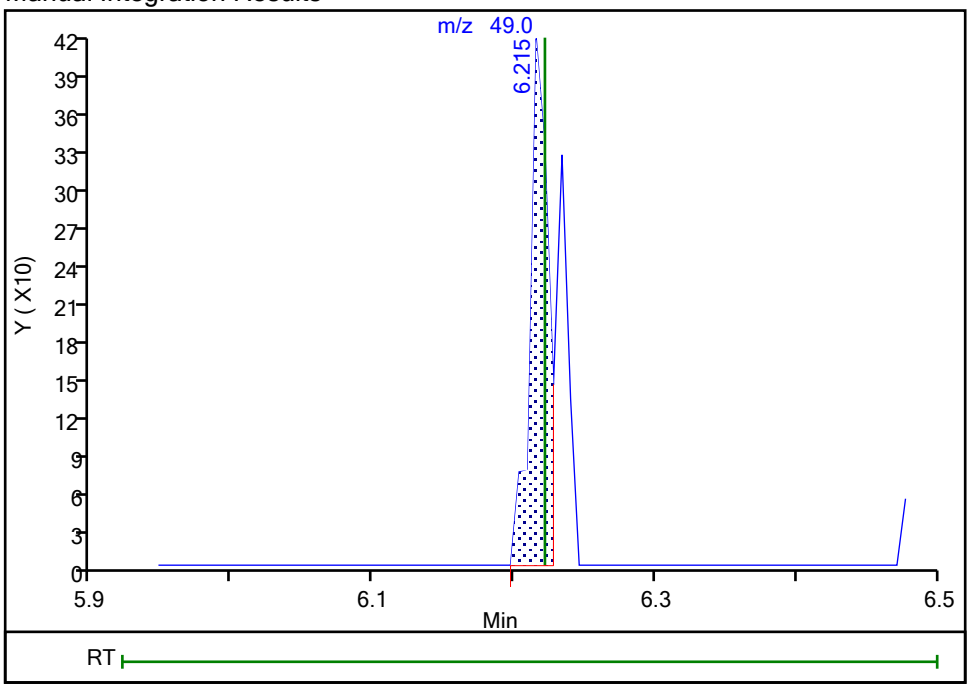
Processing Integration Results

RT: 6.22
Area: 376
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 376
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

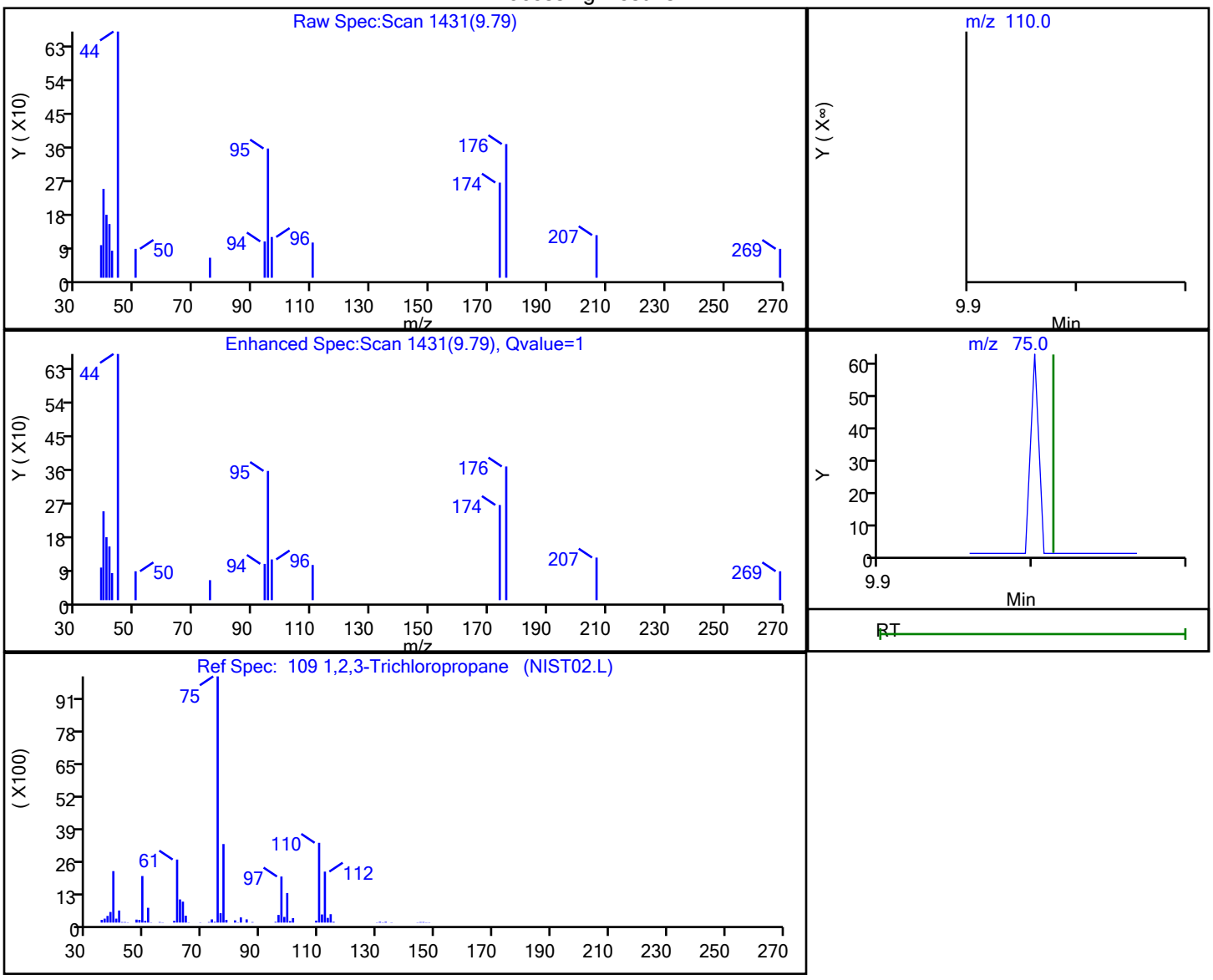
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.79	110.00	63	0.053463
9.80	75.00	40	

Reviewer: FK2C, 30-Aug-2024 09:33:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

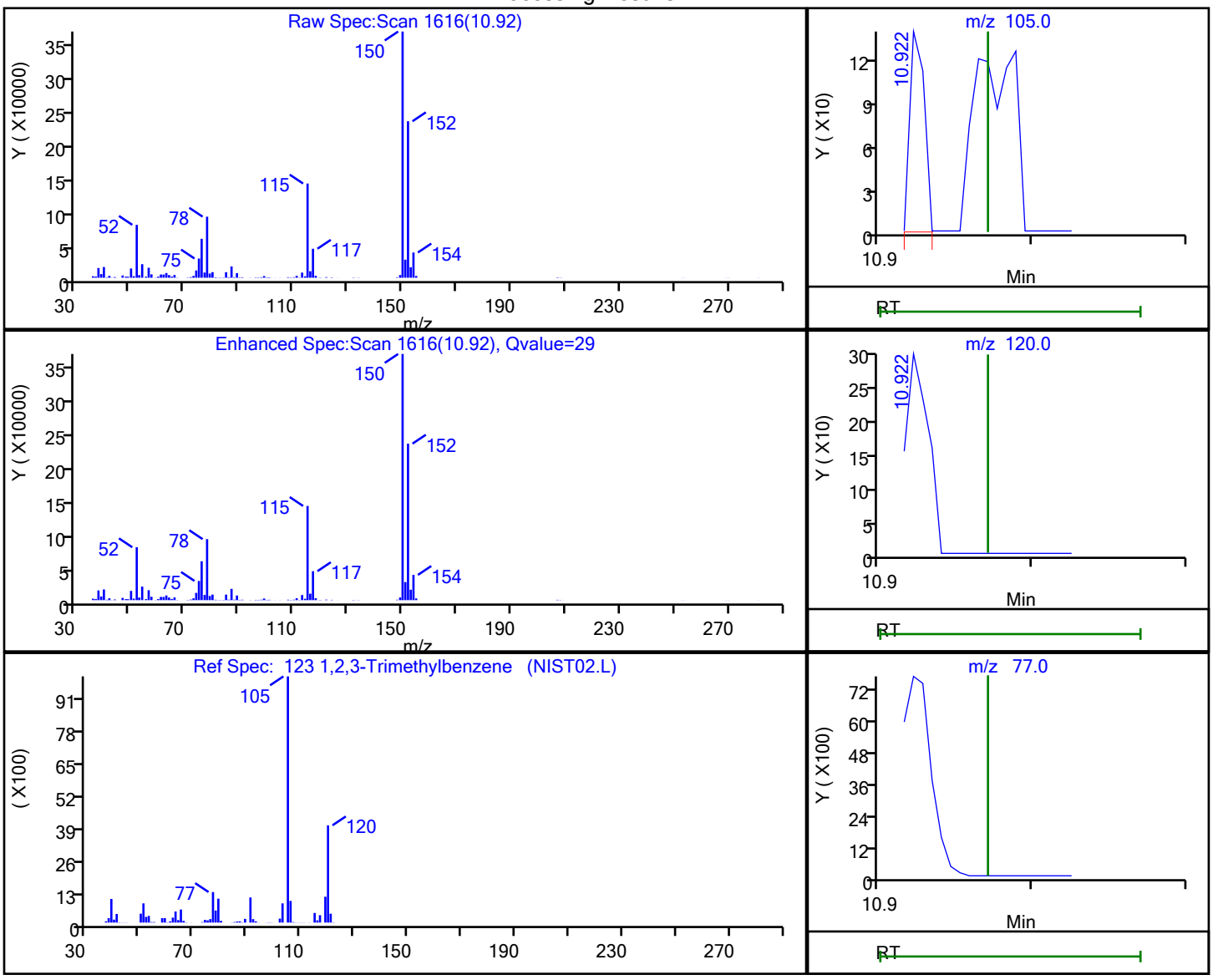
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.005278
10.92	120.00	336	
10.92	77.00	10715	

Reviewer: FK2C, 30-Aug-2024 09:33:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

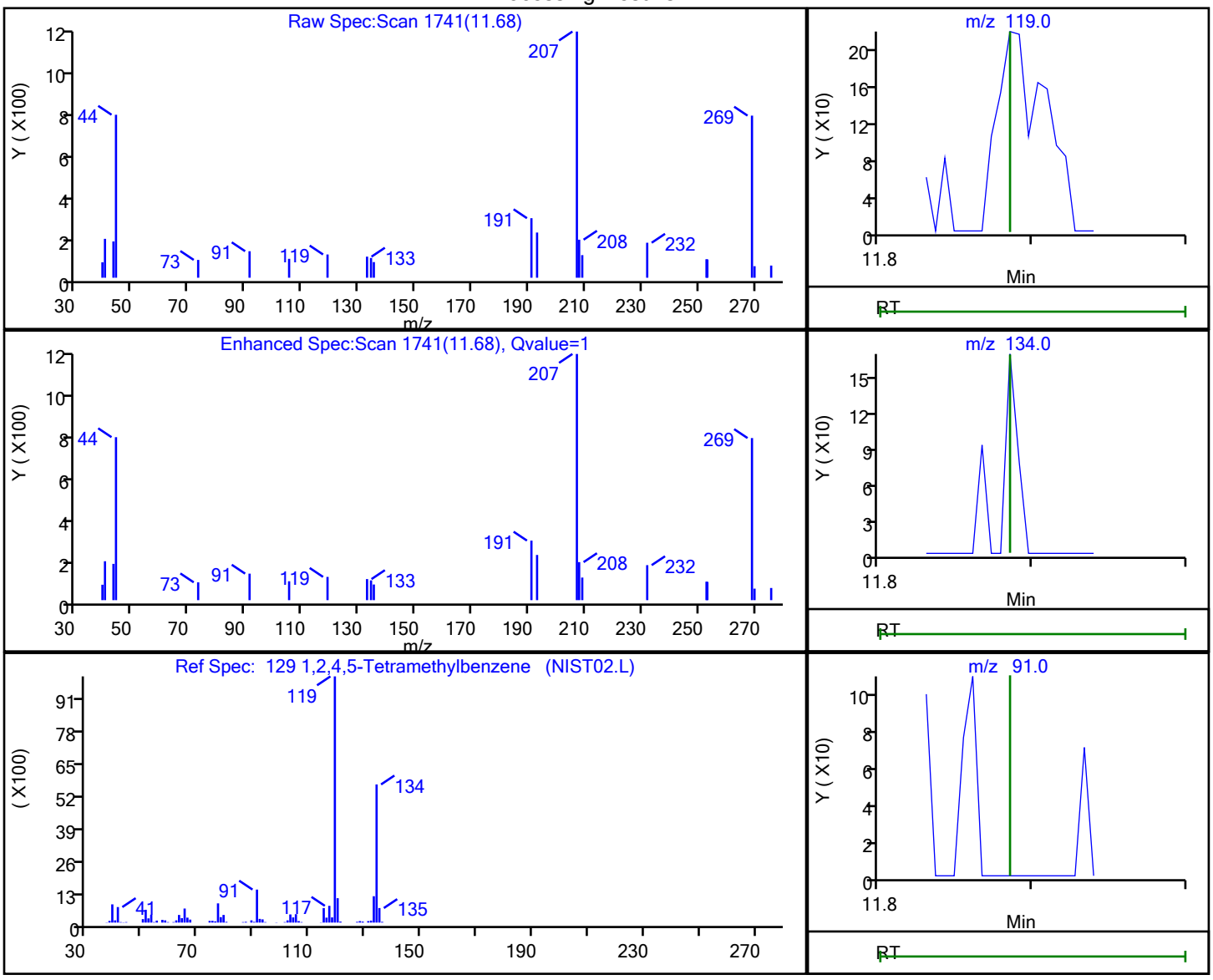
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.68	119.00	59	0.003780
11.68	134.00	118	
11.68	91.00	96	

Reviewer: FK2C, 30-Aug-2024 09:33:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

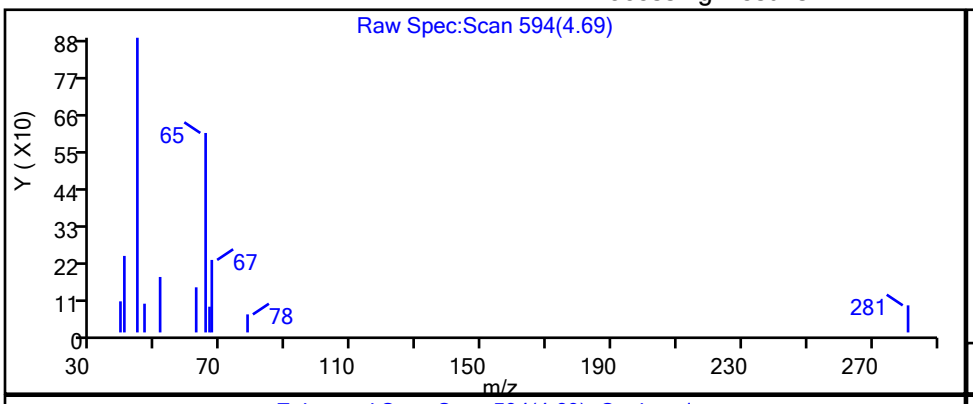
User Disabled Compound Report

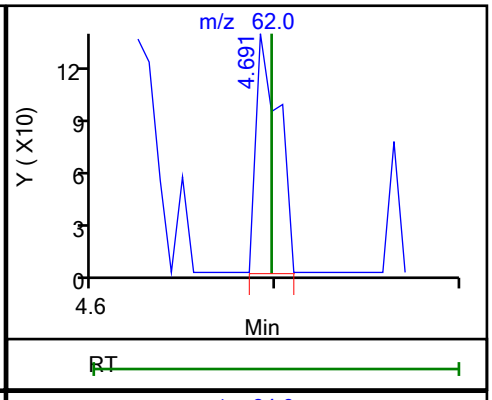
Eurofins Edison

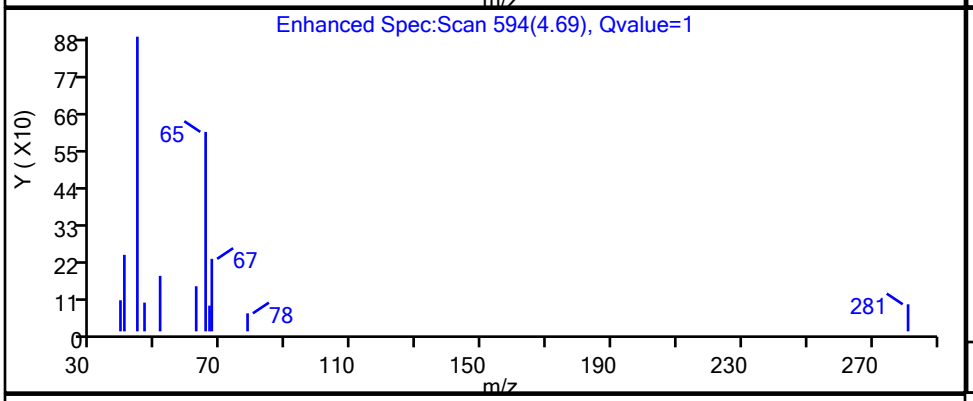
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

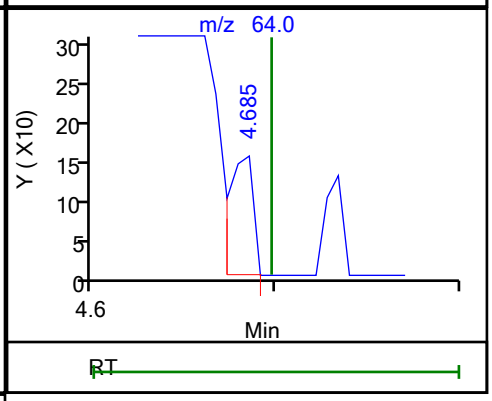
64 1,2-Dichloroethane, CAS: 107-06-2

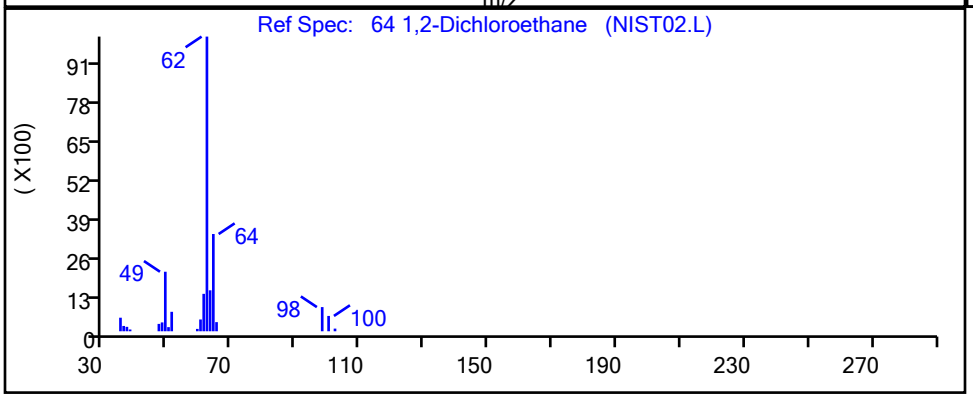
Processing Results











RT	Mass	Response	Amount
4.69	62.00	117	0.020770
4.69	64.00	143	

Reviewer: FK2C, 30-Aug-2024 09:33:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

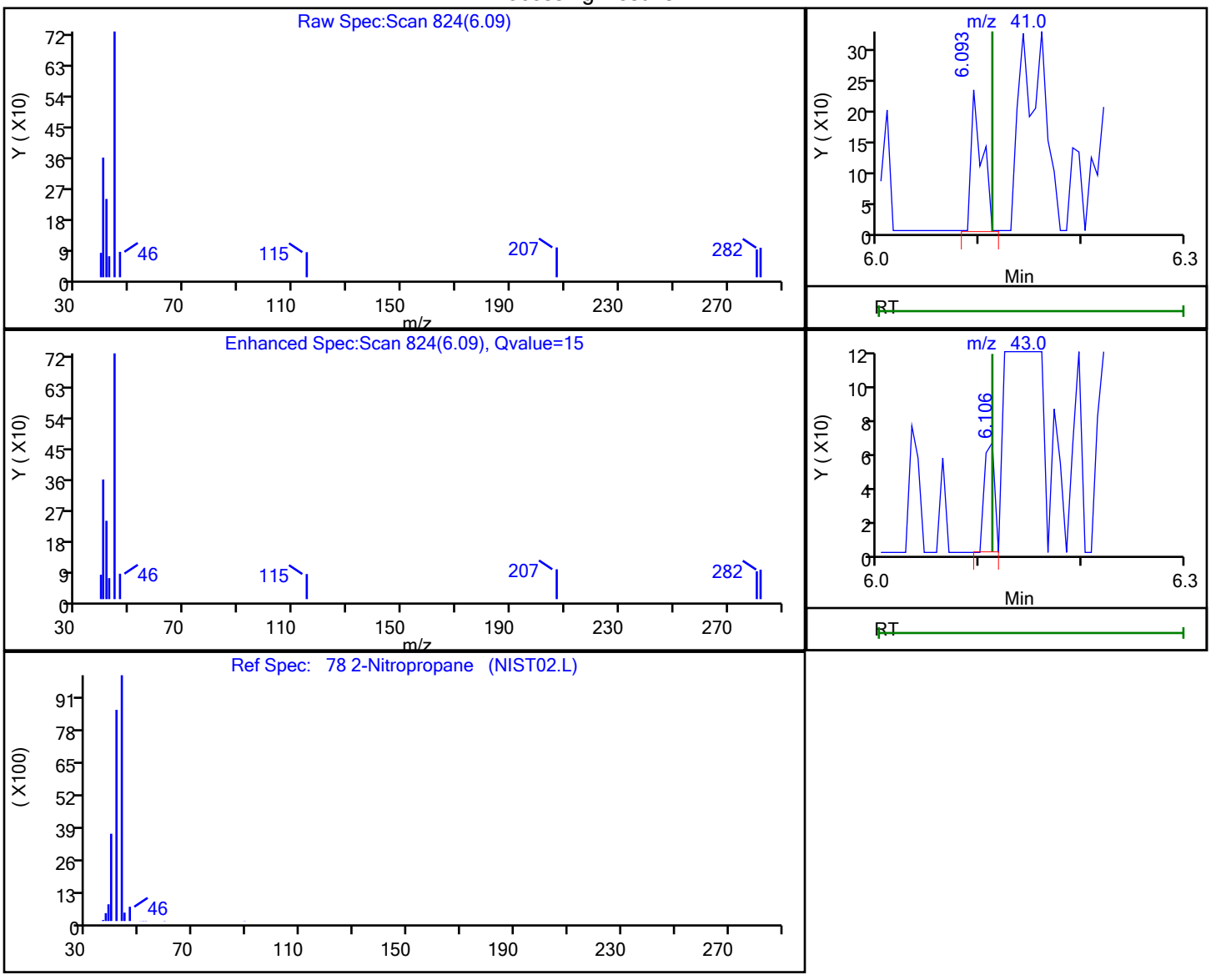
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.09	41.00	174	0.108619
6.11	43.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

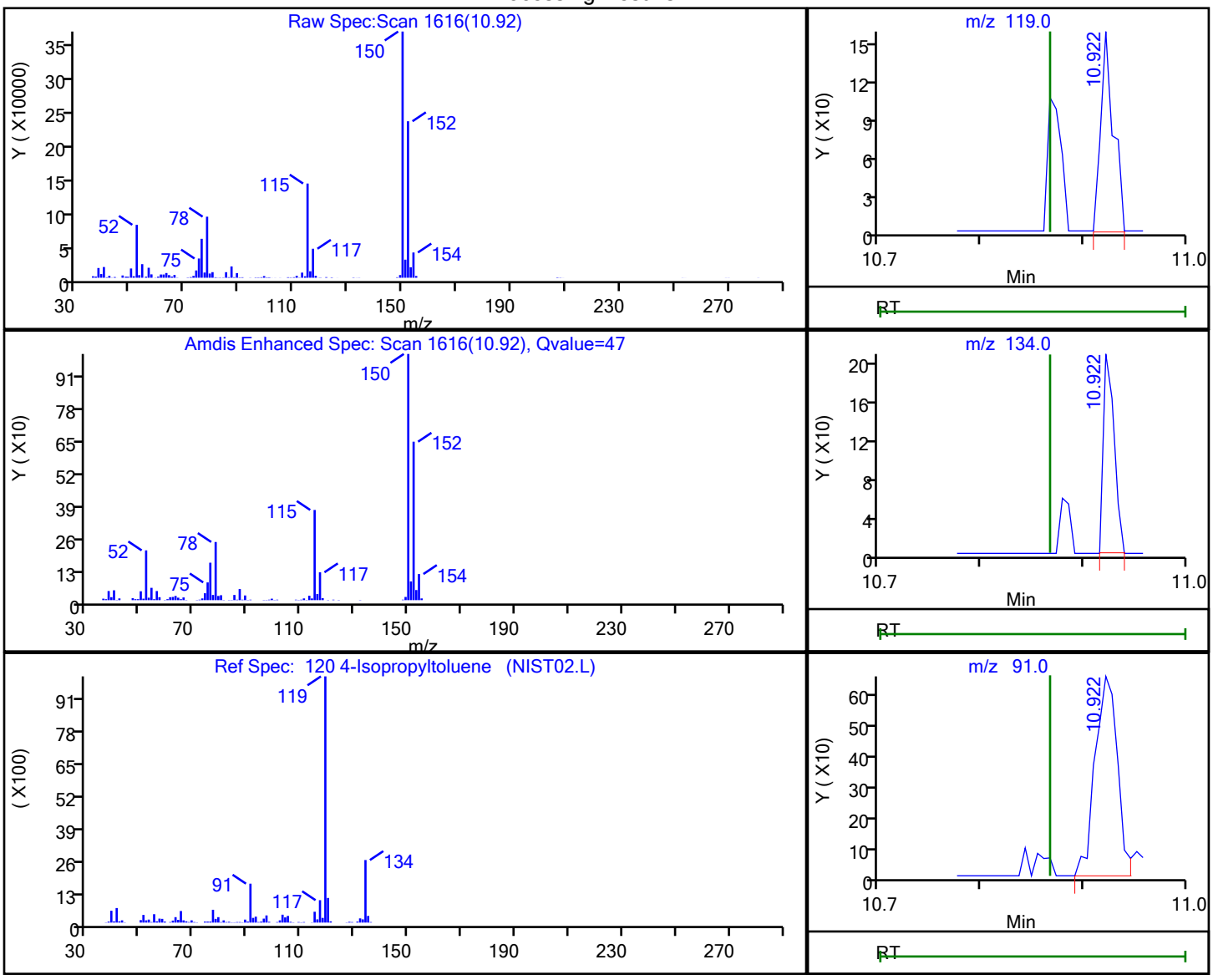
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.92	119.00	136	0.009020
10.92	134.00	153	
10.92	91.00	1006	

Reviewer: FK2C, 30-Aug-2024 09:33:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

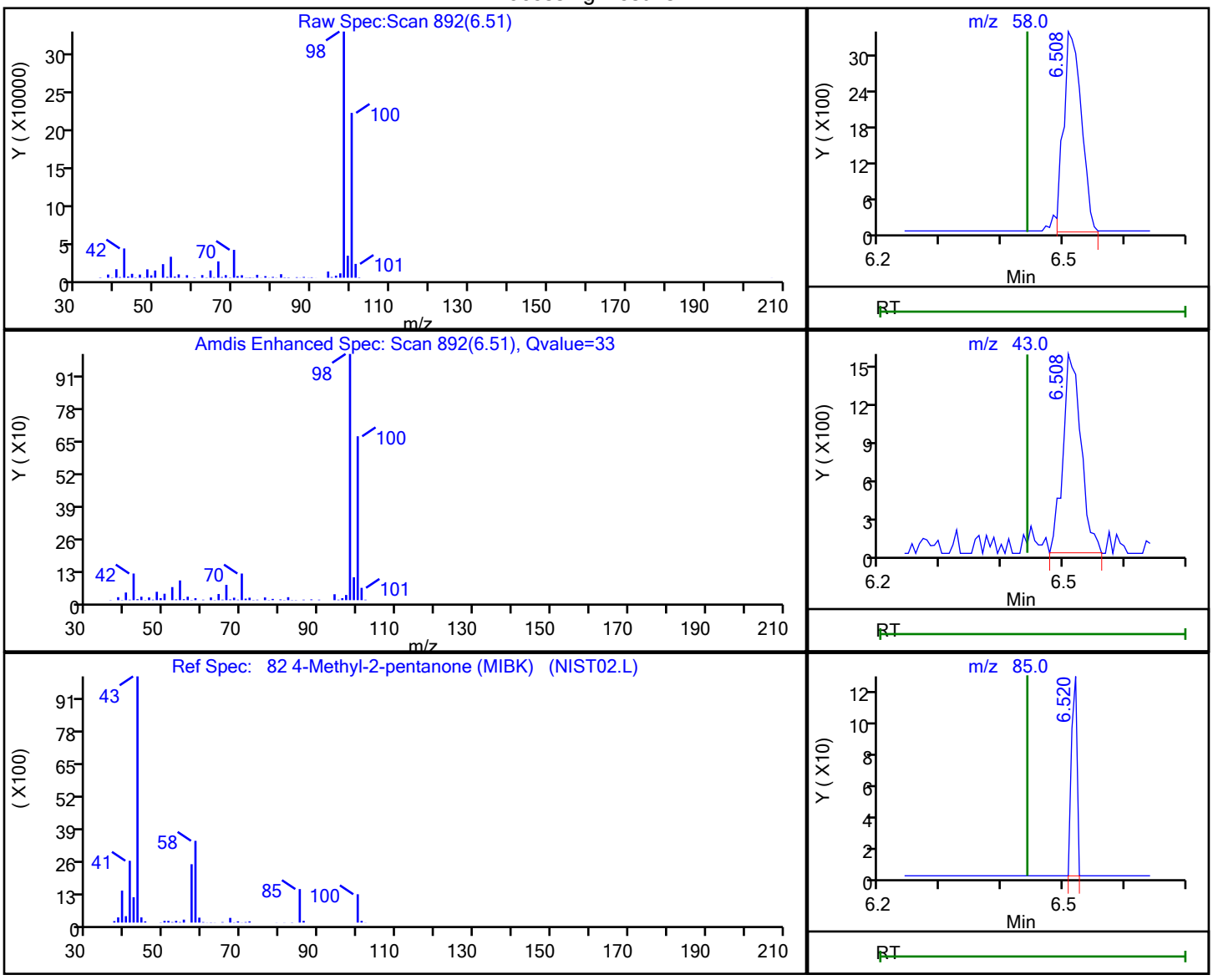
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	6708	4.576179
6.51	43.00	3277	
6.52	85.00	80	
6.51	100.00	505209	

Reviewer: FK2C, 30-Aug-2024 09:33:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

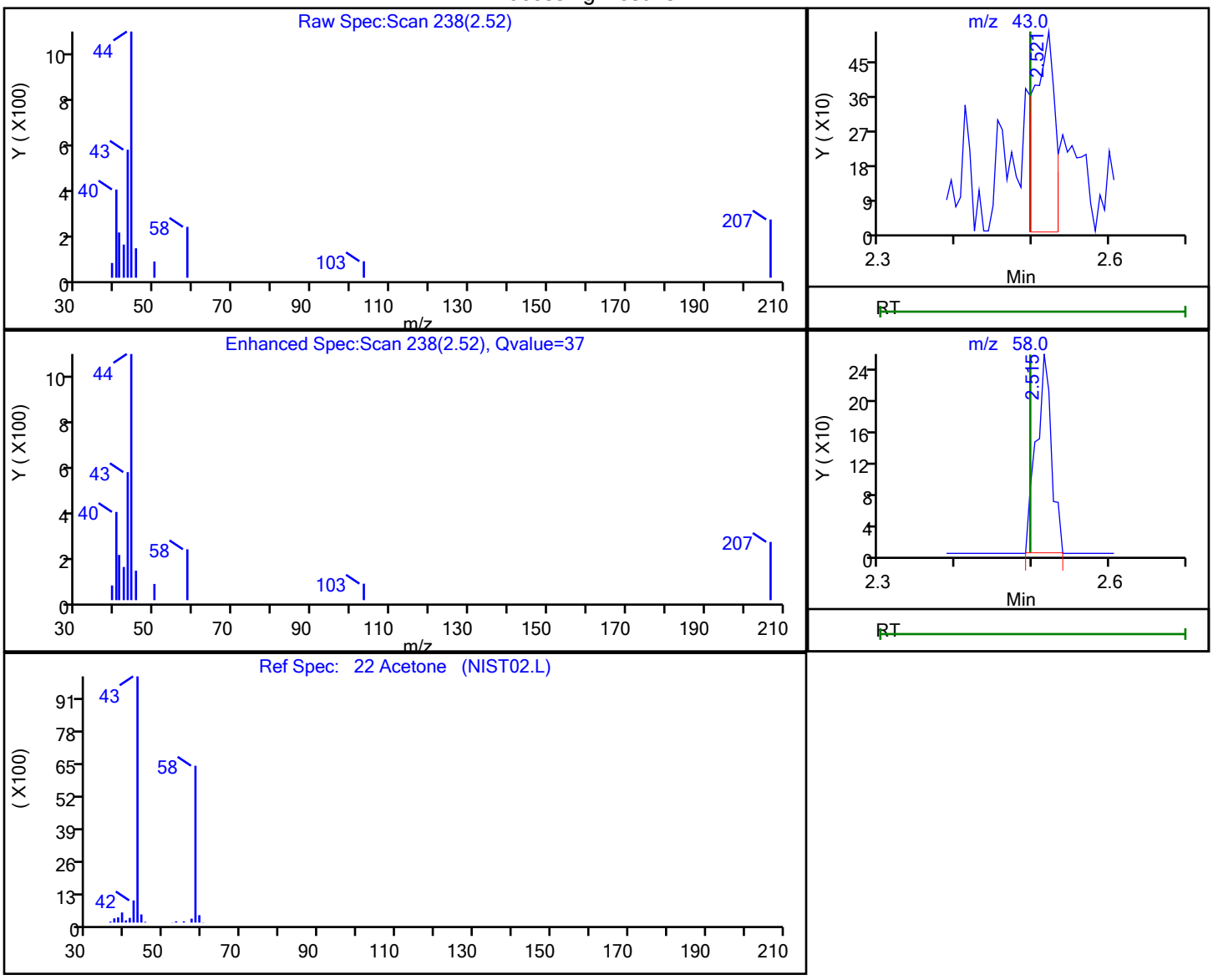
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.52	43.00	970	0.687956
2.51	58.00	352	

Reviewer: FK2C, 30-Aug-2024 09:32:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

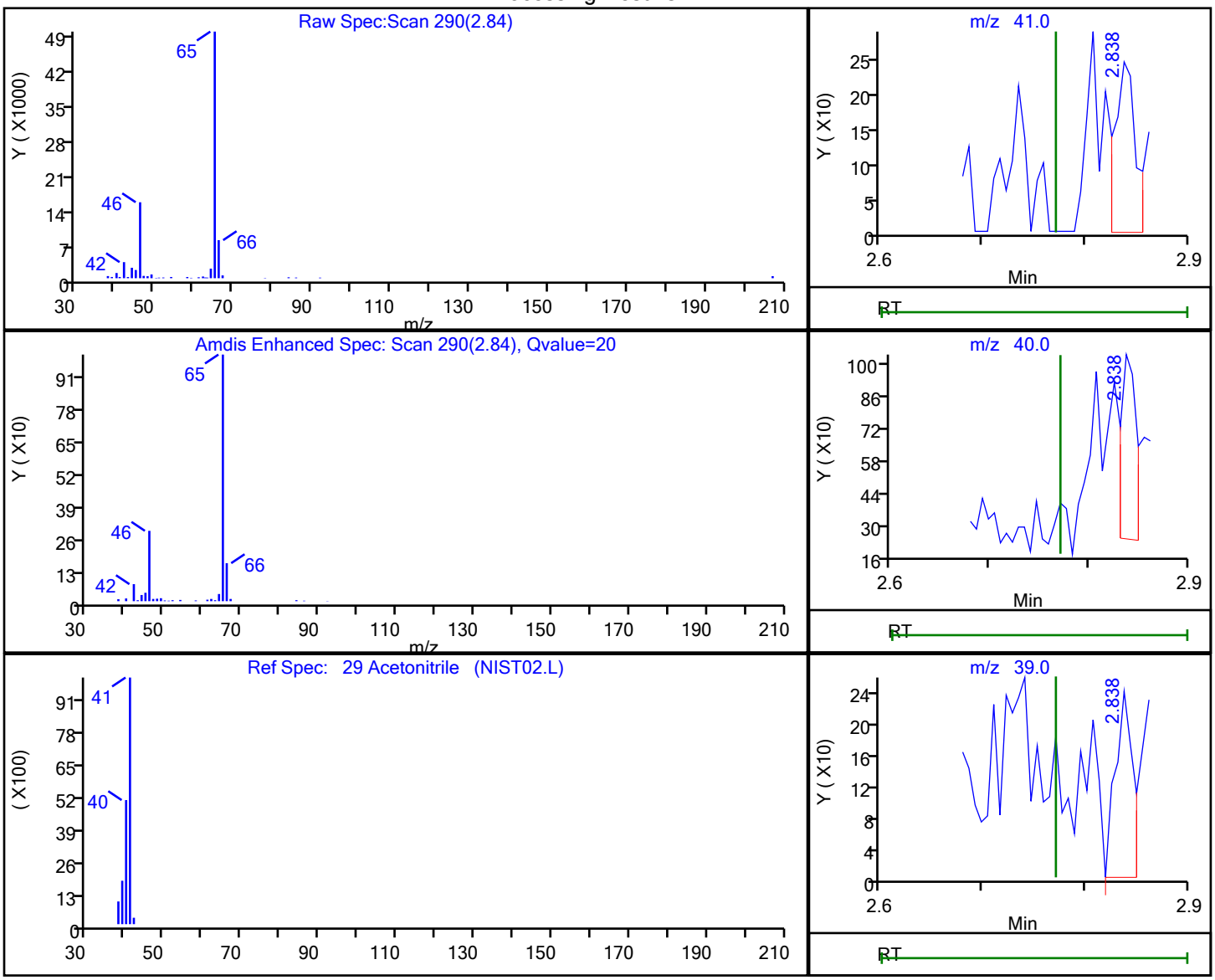
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	41.00	341	0.371748
2.84	40.00	887	
2.84	39.00	291	
2.85	38.00	1250	

Reviewer: FK2C, 30-Aug-2024 09:32:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

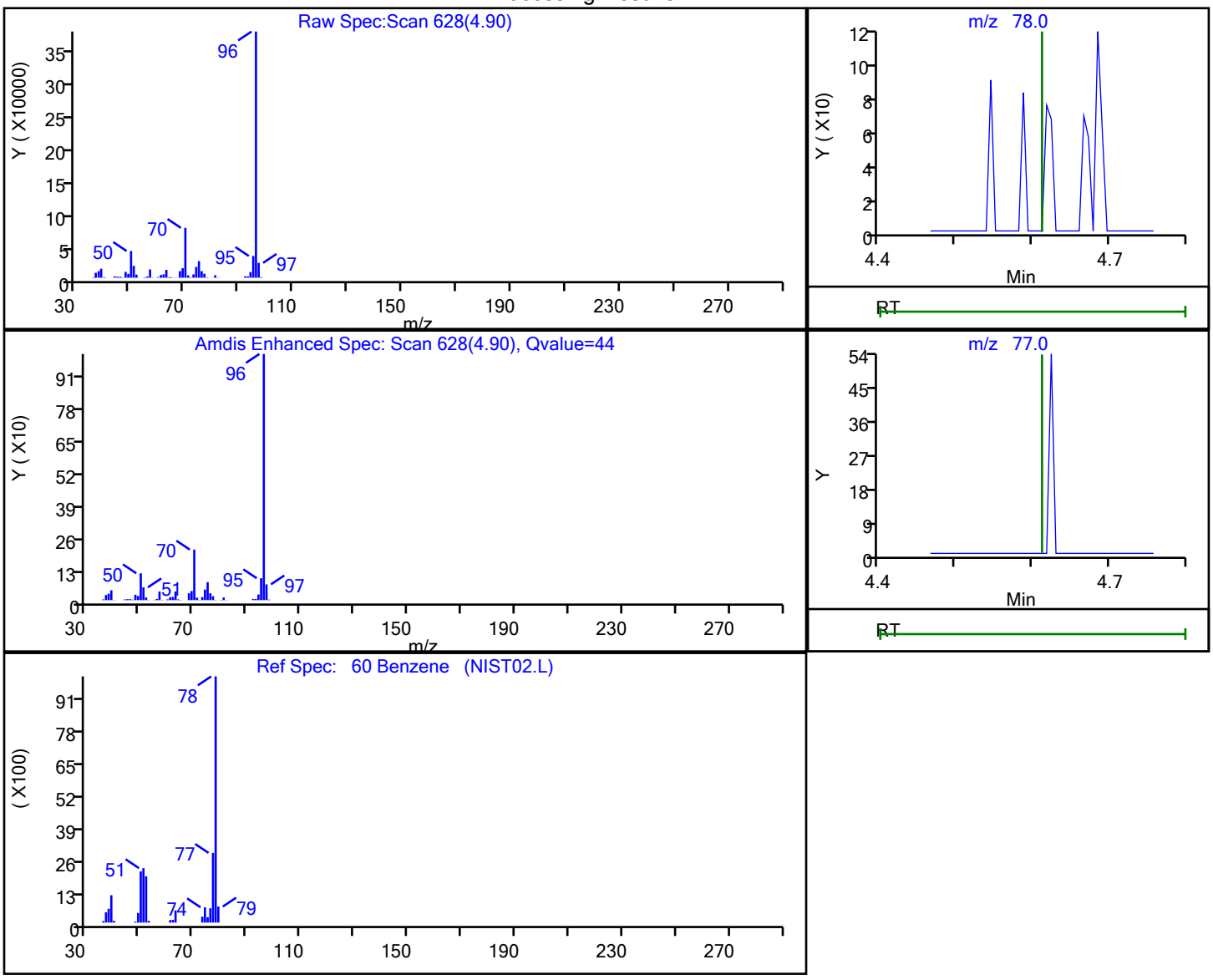
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.90	78.00	1117	0.061628
4.89	77.00	12965	

Reviewer: FK2C, 30-Aug-2024 09:33:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

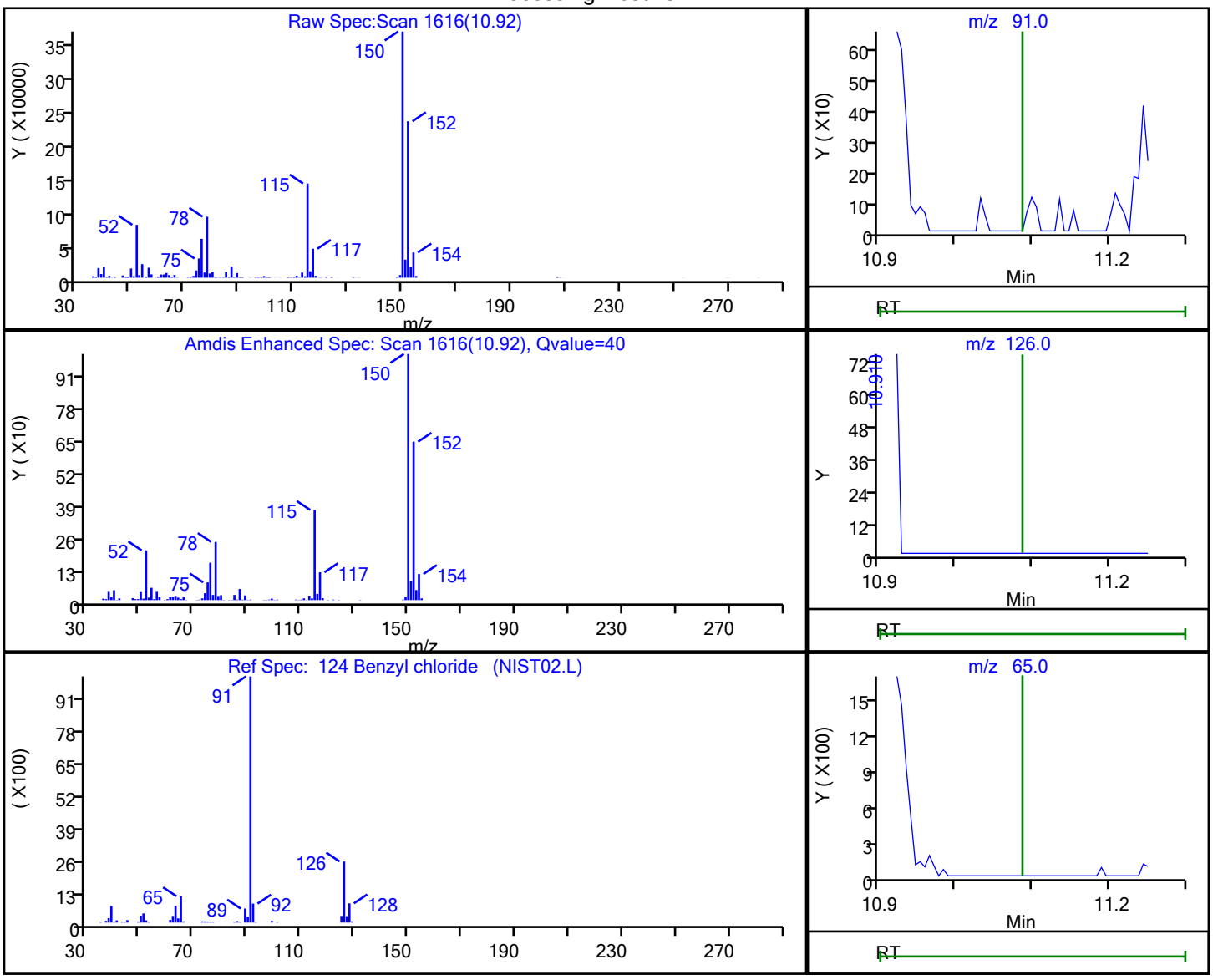
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.92	91.00	1006	0.195461
10.91	126.00	79	
10.92	65.00	2417	

Reviewer: FK2C, 30-Aug-2024 09:33:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

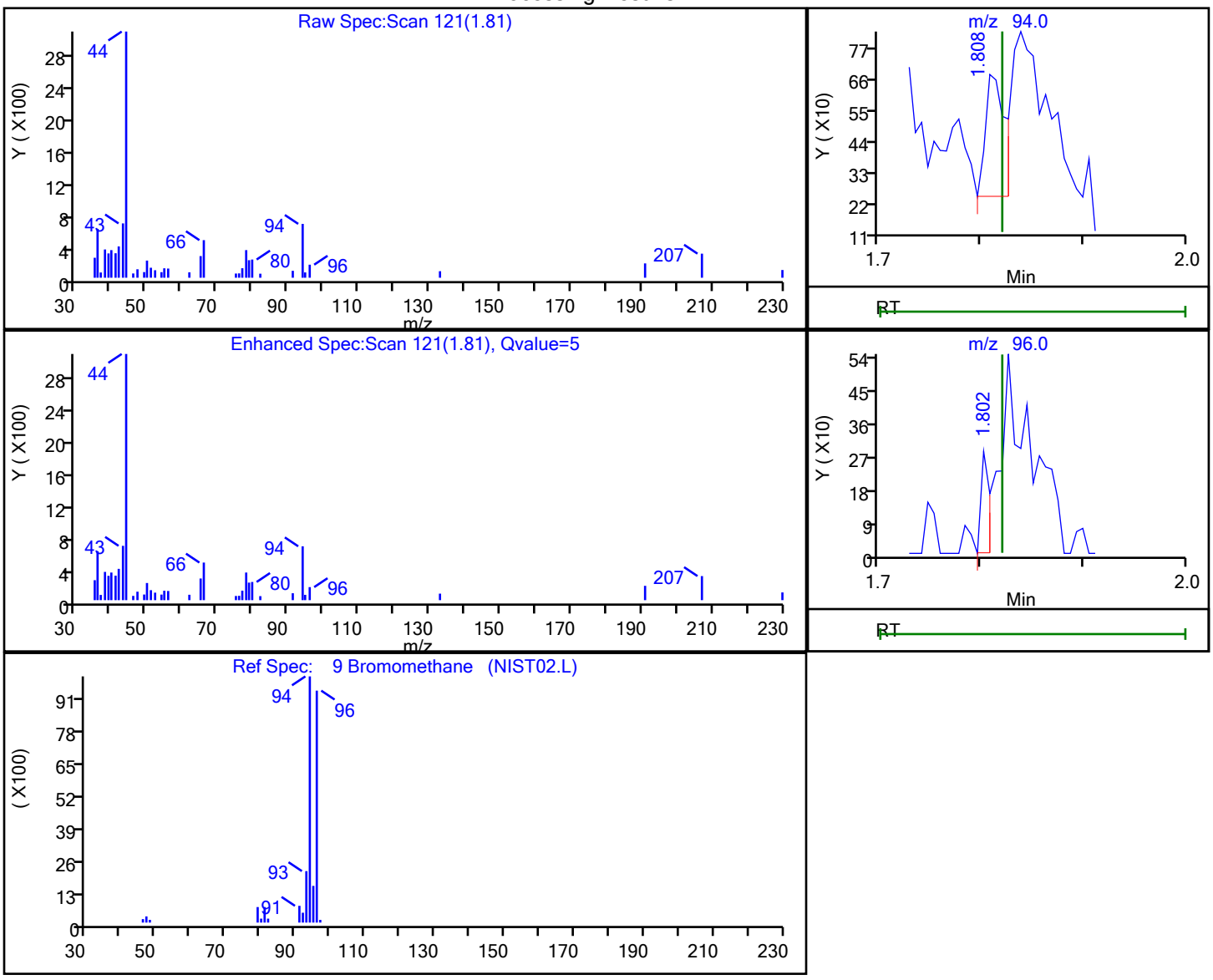
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.81	94.00	575	0.249932
1.80	96.00	161	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

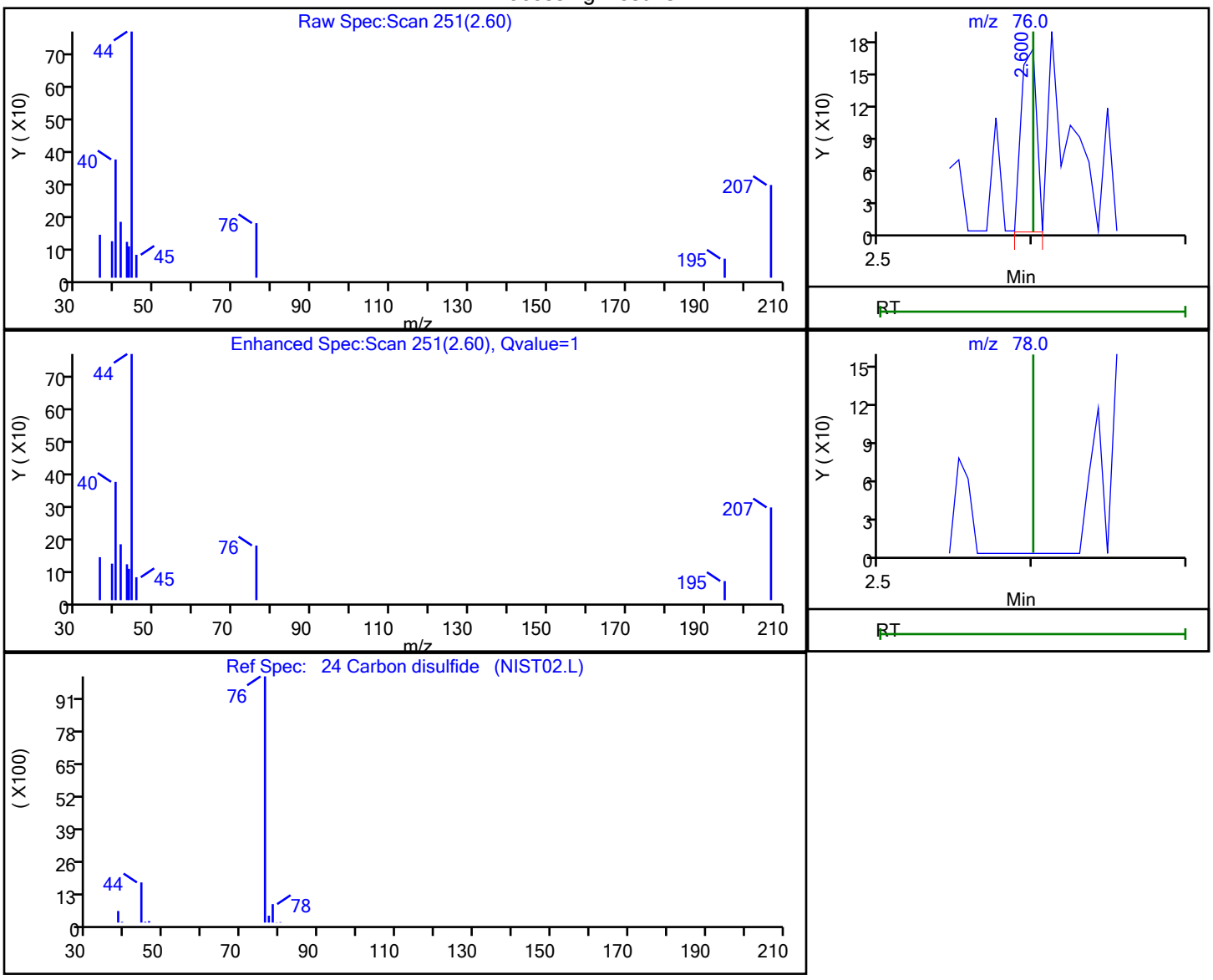
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.60	76.00	118	0.188690
2.59	78.00	0	

Reviewer: FK2C, 30-Aug-2024 09:32:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

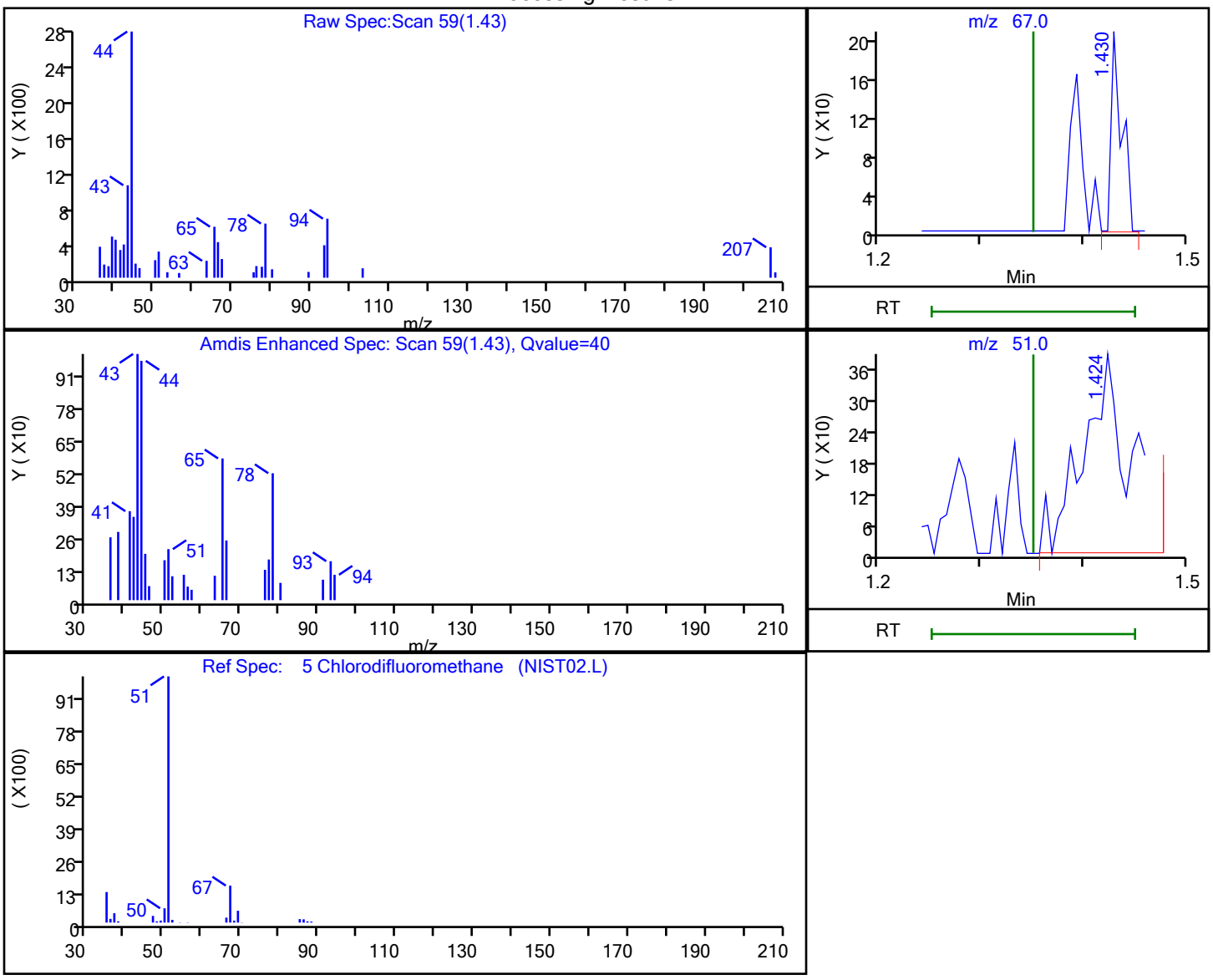
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.43	67.00	149	0.106198
1.42	51.00	1279	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

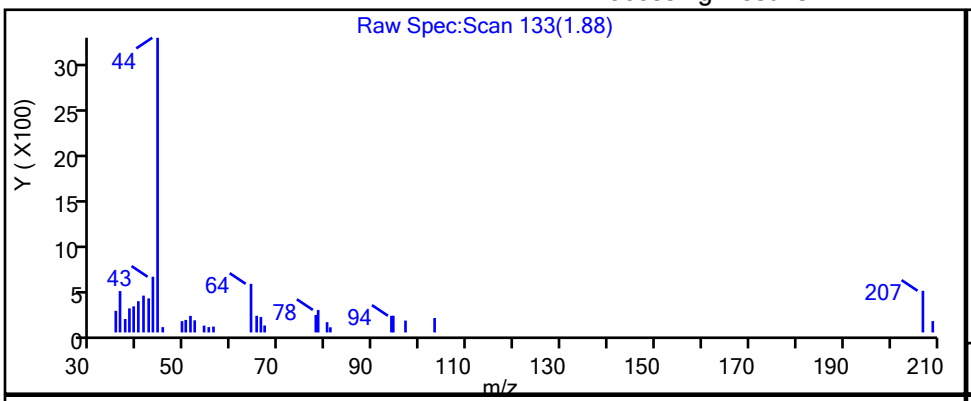
User Disabled Compound Report

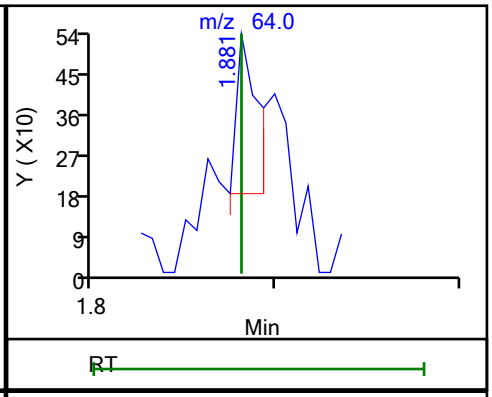
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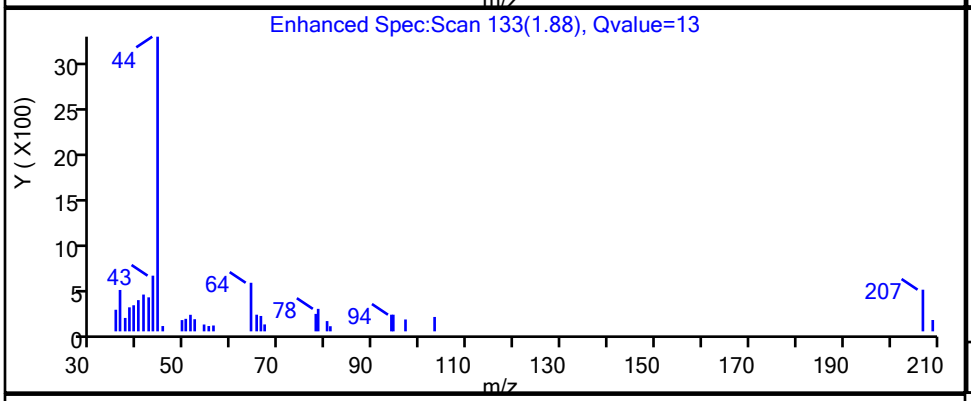
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

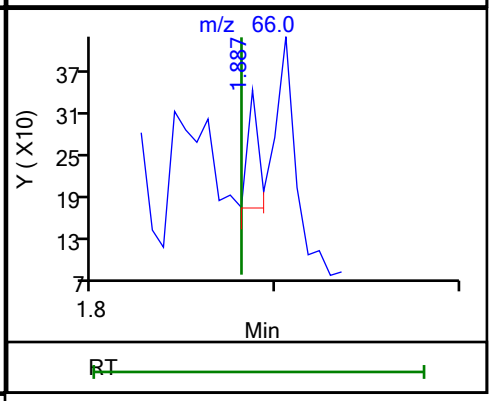
10 Chloroethane, CAS: 75-00-3

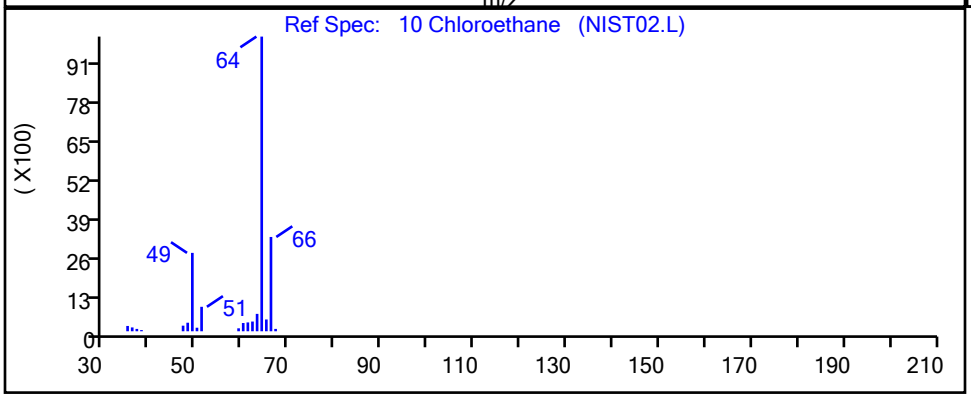
Processing Results











RT	Mass	Response	Amount
1.88	64.00	285	0.250000
1.89	66.00	71	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

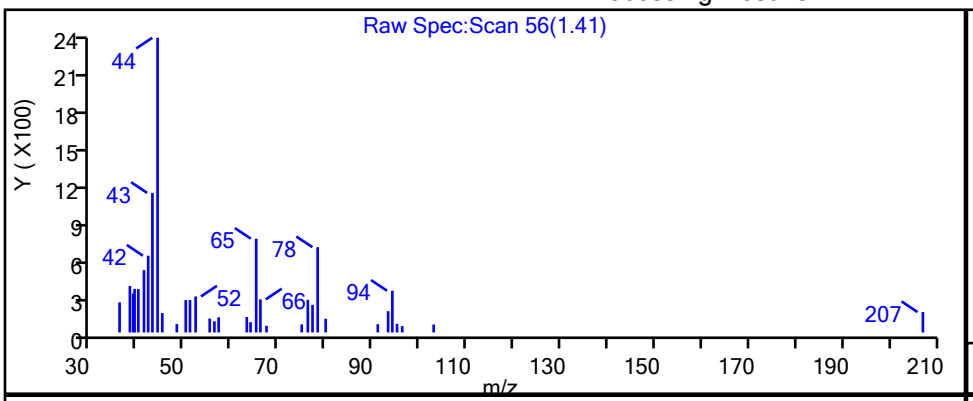
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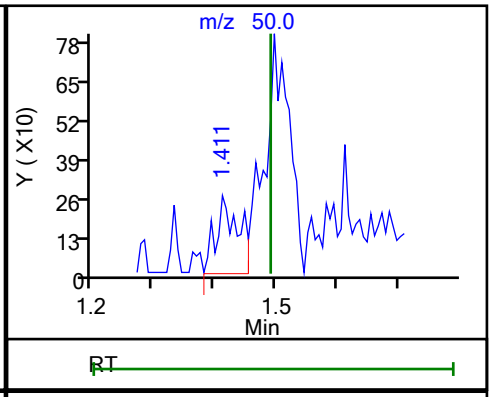
Eurofins Edison

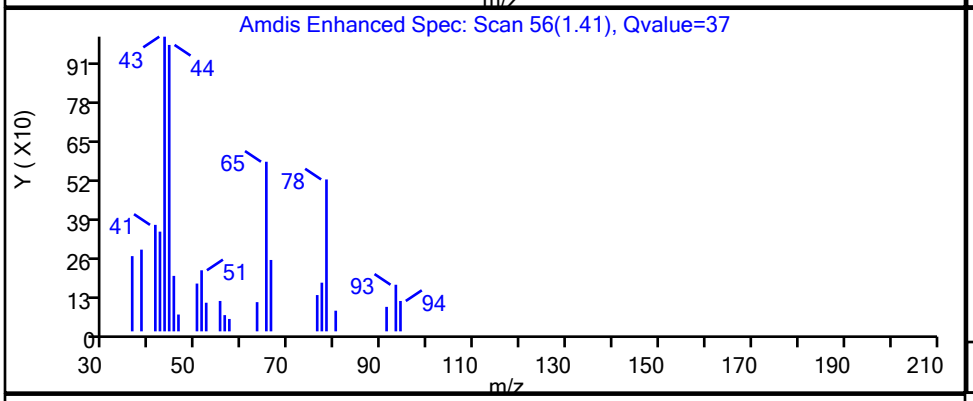
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

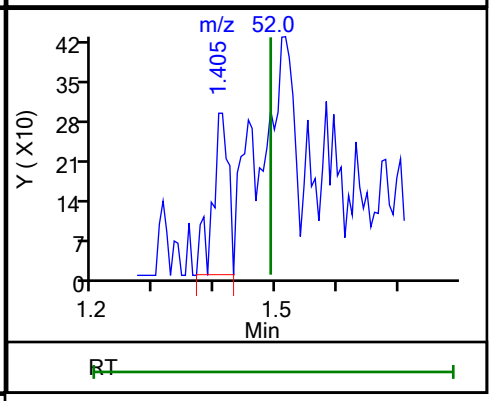
6 Chloromethane, CAS: 74-87-3

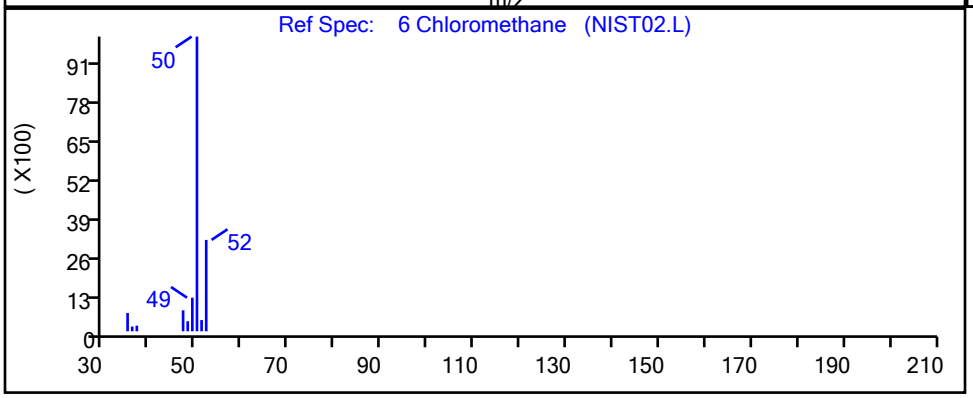
Processing Results











RT	Mass	Response	Amount
1.41	50.00	651	0.250000
1.41	52.00	520	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

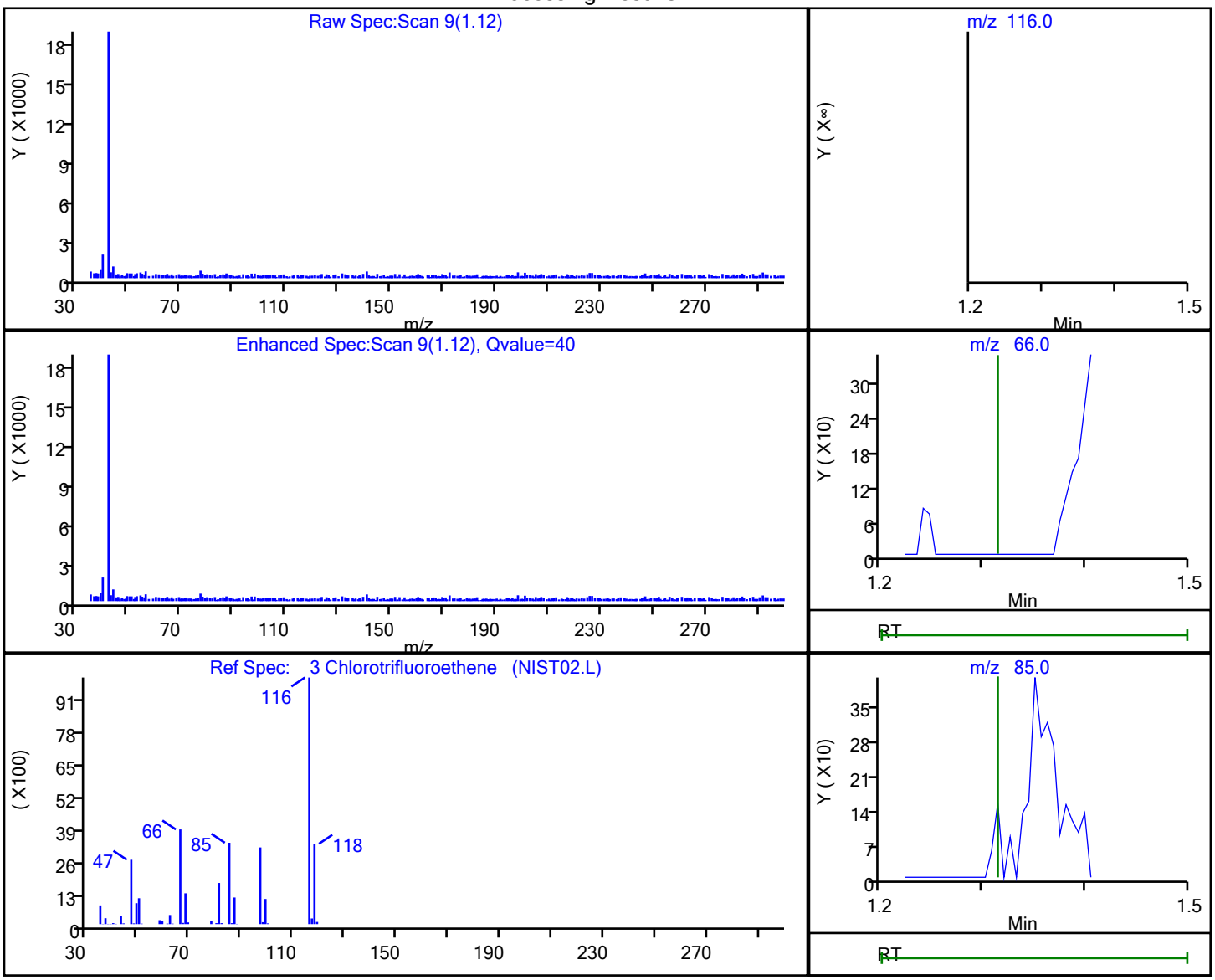
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	627	6.884512
1.11	66.00	495	
1.12	85.00	491	
1.11	118.00	848	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

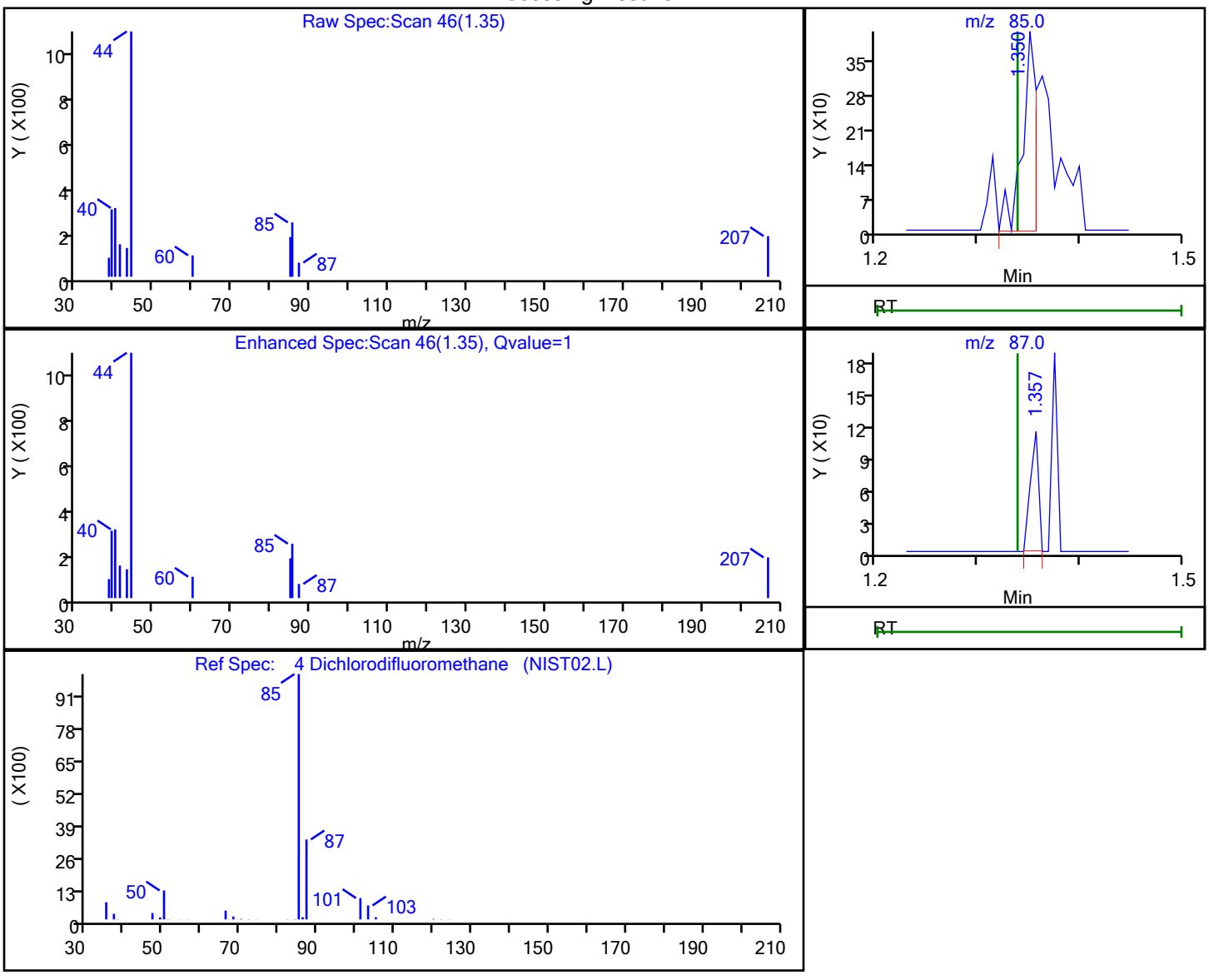
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.35	85.00	386	0.250000
1.36	87.00	64	

Reviewer: FK2C, 30-Aug-2024 09:32:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

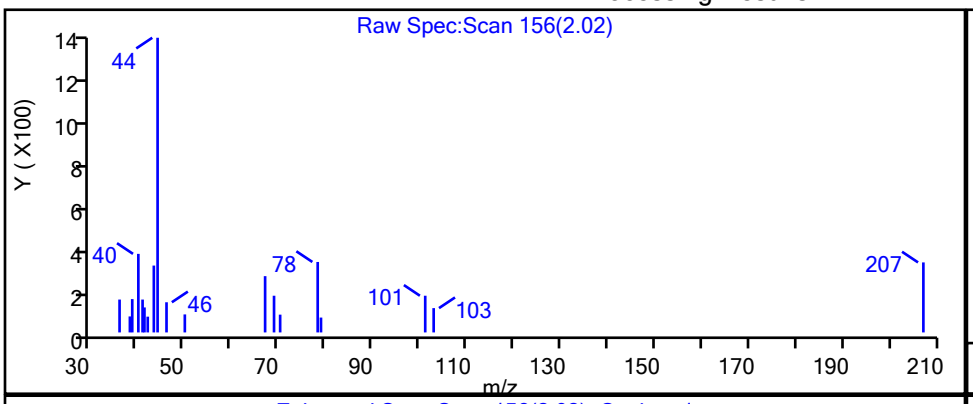
User Disabled Compound Report

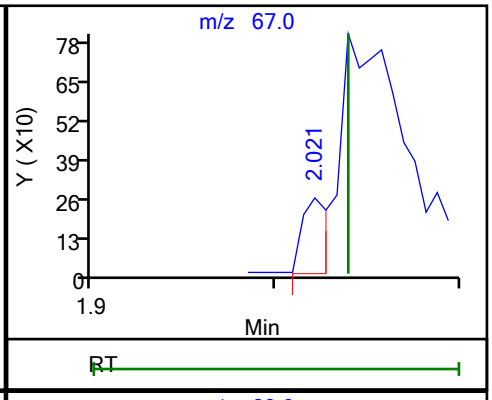
Eurofins Edison

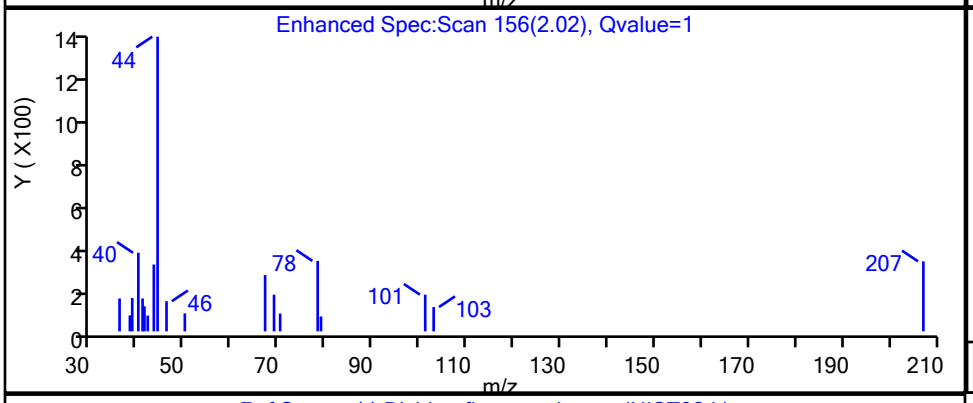
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

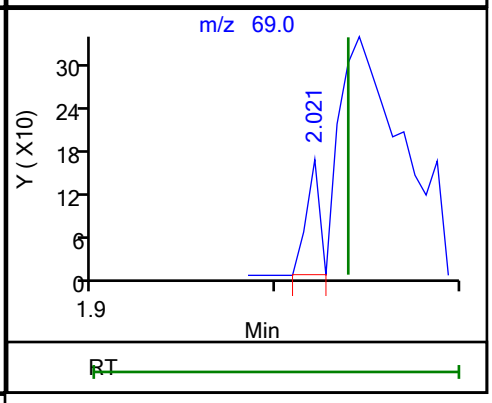
11 Dichlorofluoromethane, CAS: 75-43-4

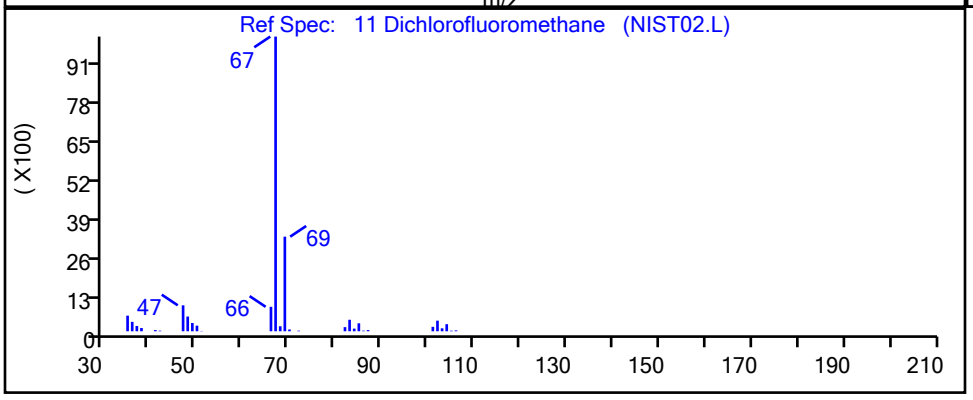
Processing Results











RT	Mass	Response	Amount
2.02	67.00	239	0.250000
2.02	69.00	82	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

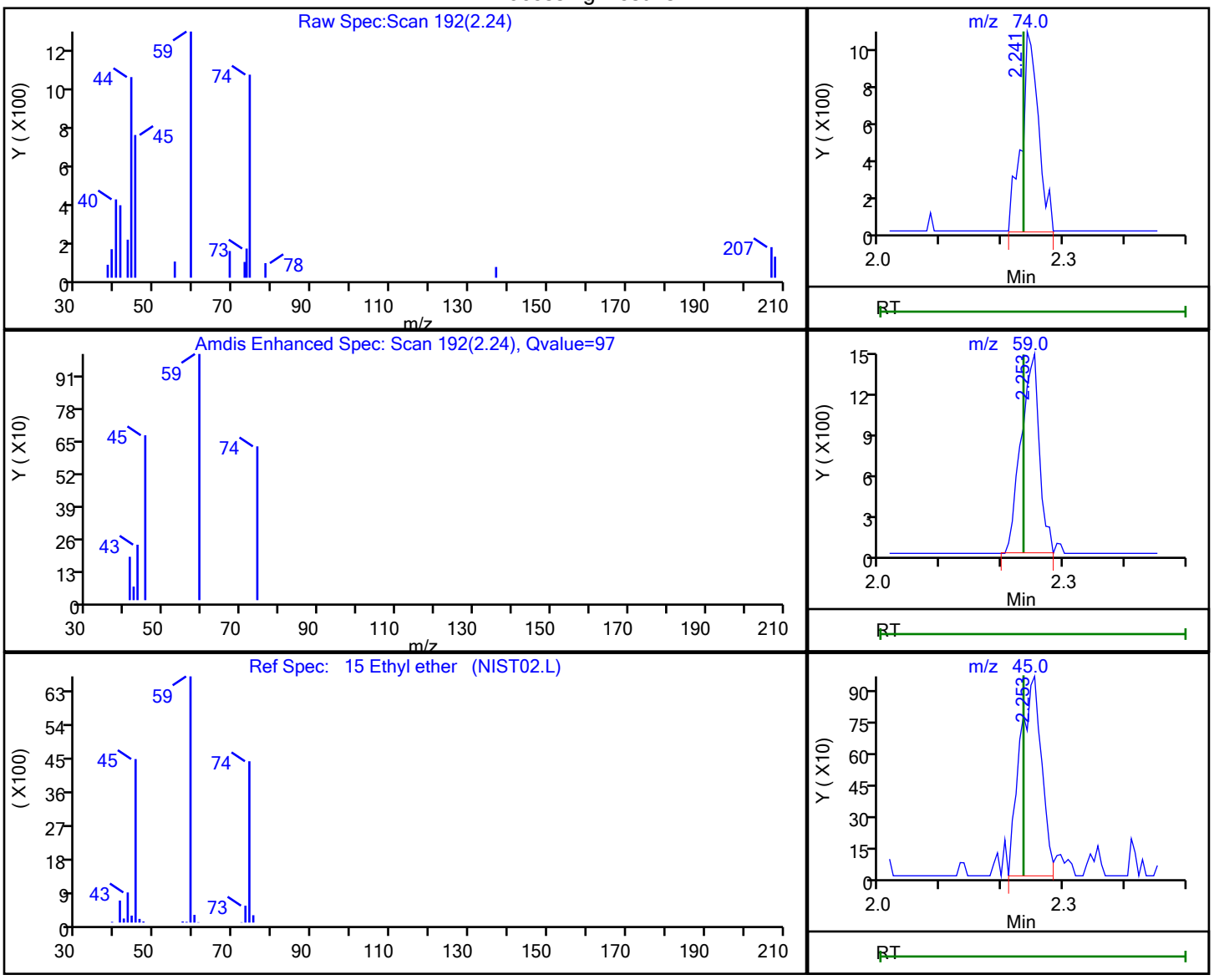
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.24	74.00	1917	0.249412
2.25	59.00	3022	
2.25	45.00	2375	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

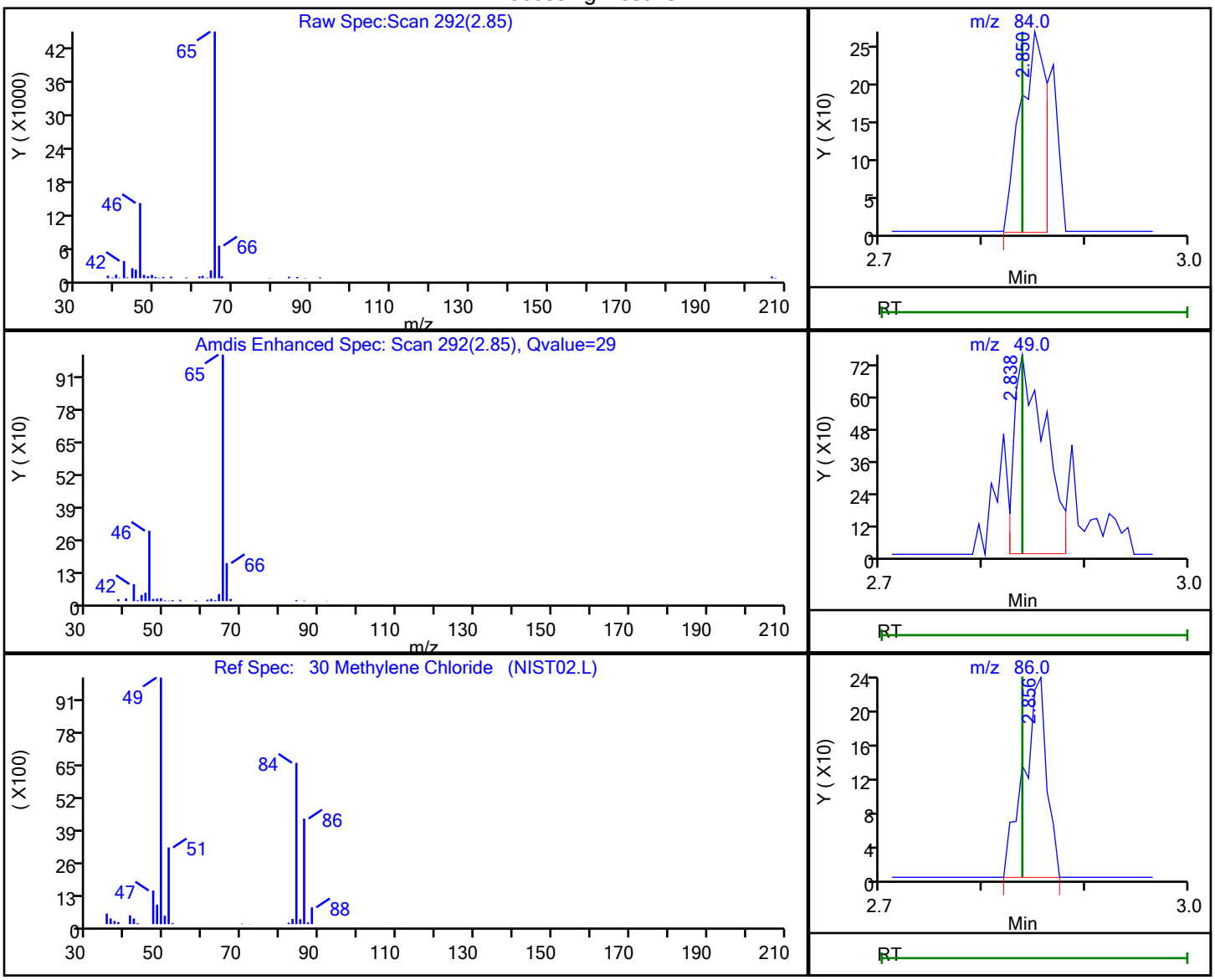
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.85	84.00	458	0.085205
2.84	49.00	1587	
2.86	86.00	366	

Reviewer: FK2C, 30-Aug-2024 09:32:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

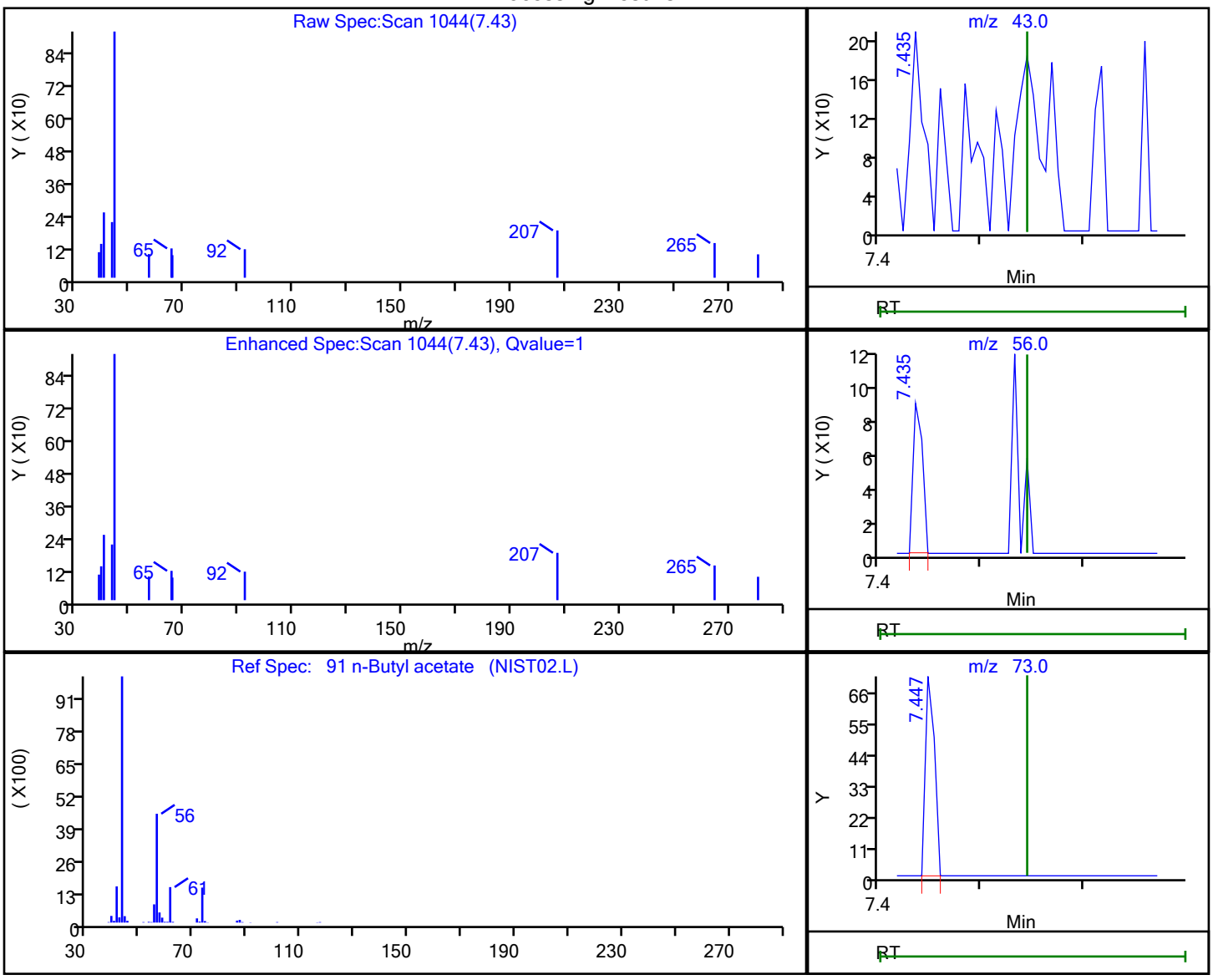
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.43	43.00	207	0.042378
7.43	56.00	57	
7.45	73.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

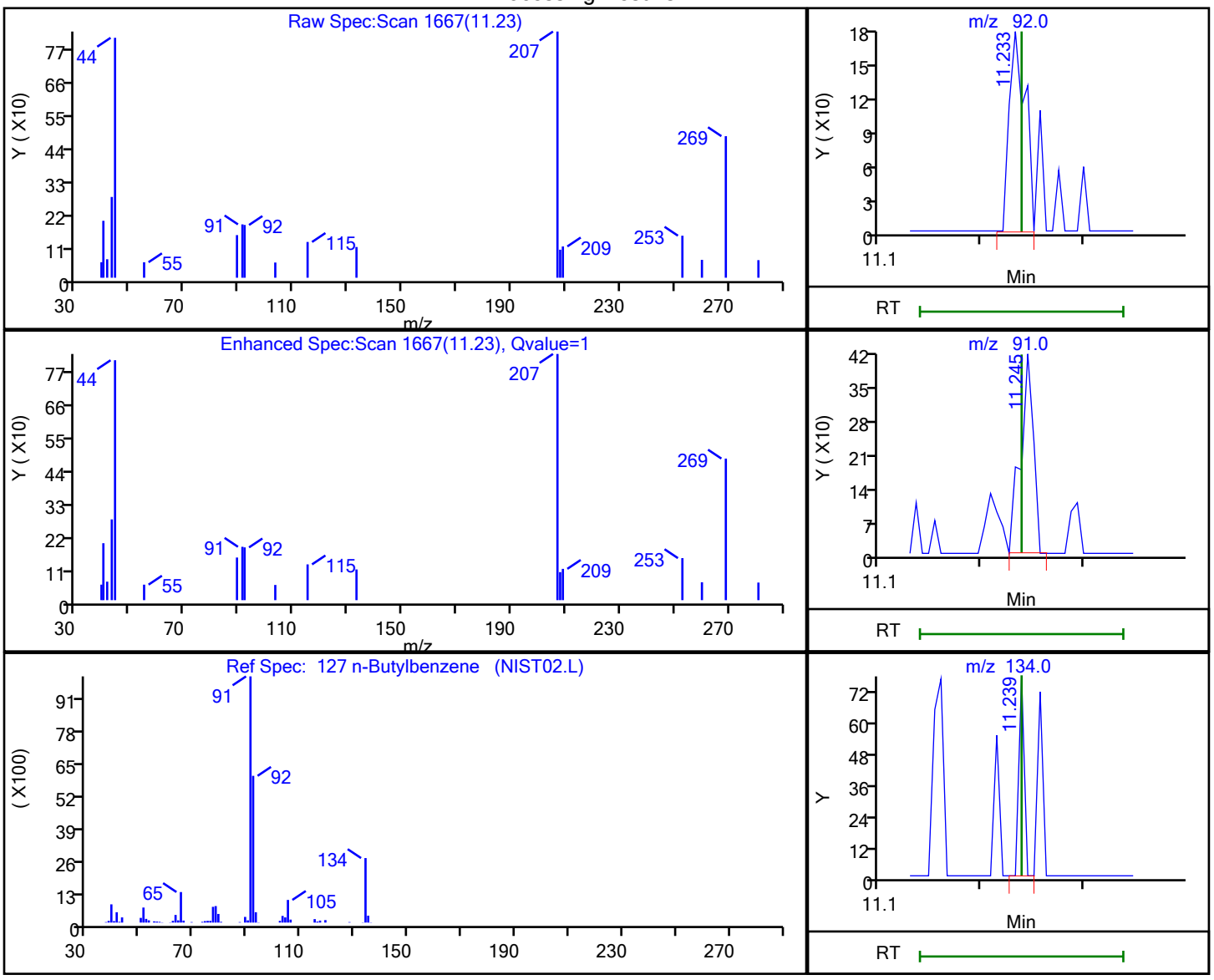
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.23	92.00	193	0.023785
11.24	91.00	364	
11.24	134.00	29	

Reviewer: FK2C, 30-Aug-2024 09:33:27 -04:00:00 (UTC)
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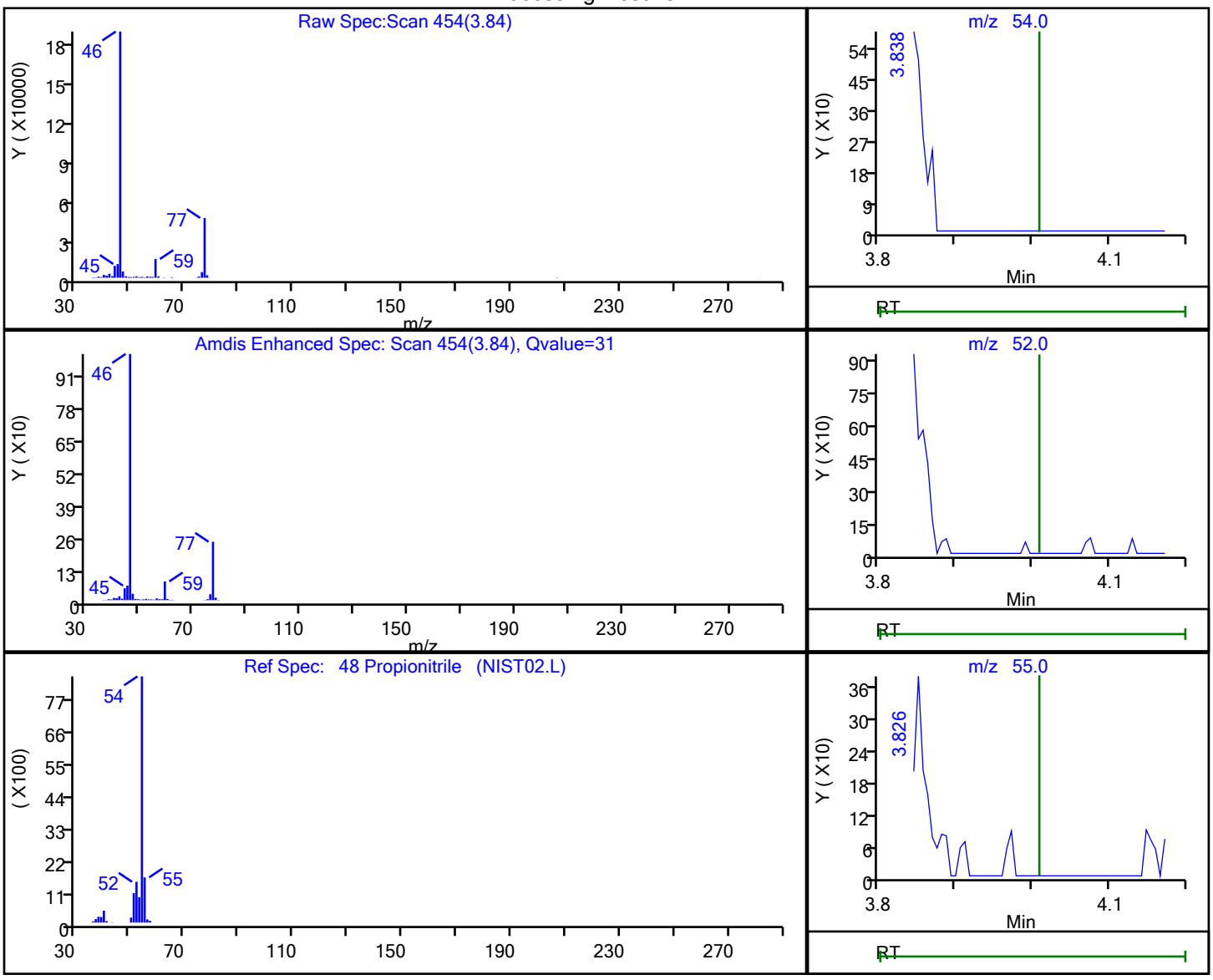
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.84	54.00	1142	2.681029
3.84	52.00	2120	
3.83	55.00	235	

Reviewer: FK2C, 30-Aug-2024 09:33:03 -04:00:00 (UTC)
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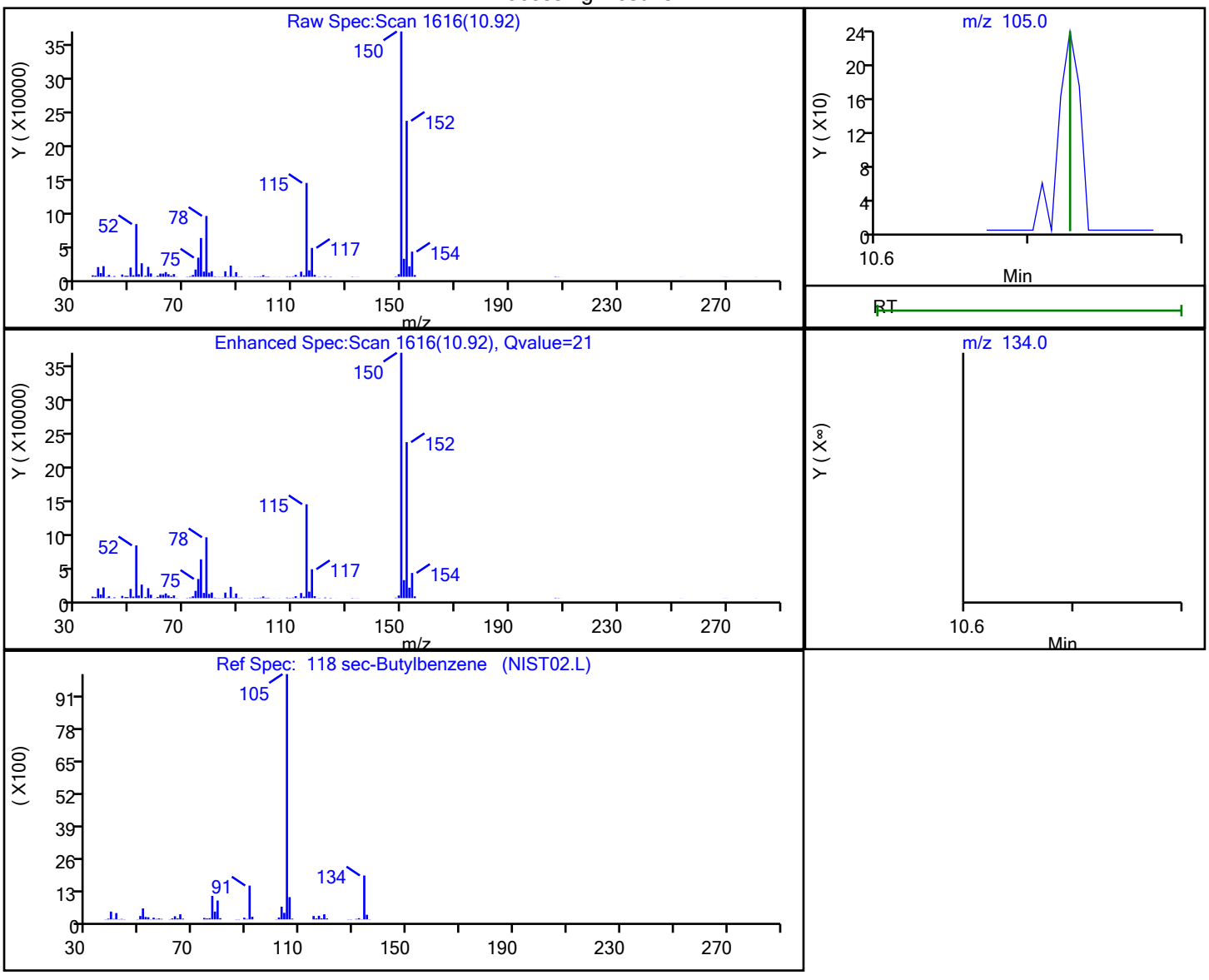
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Eurofins Edison

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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.004641
10.92	134.00	153	

Reviewer: FK2C, 30-Aug-2024 09:33:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

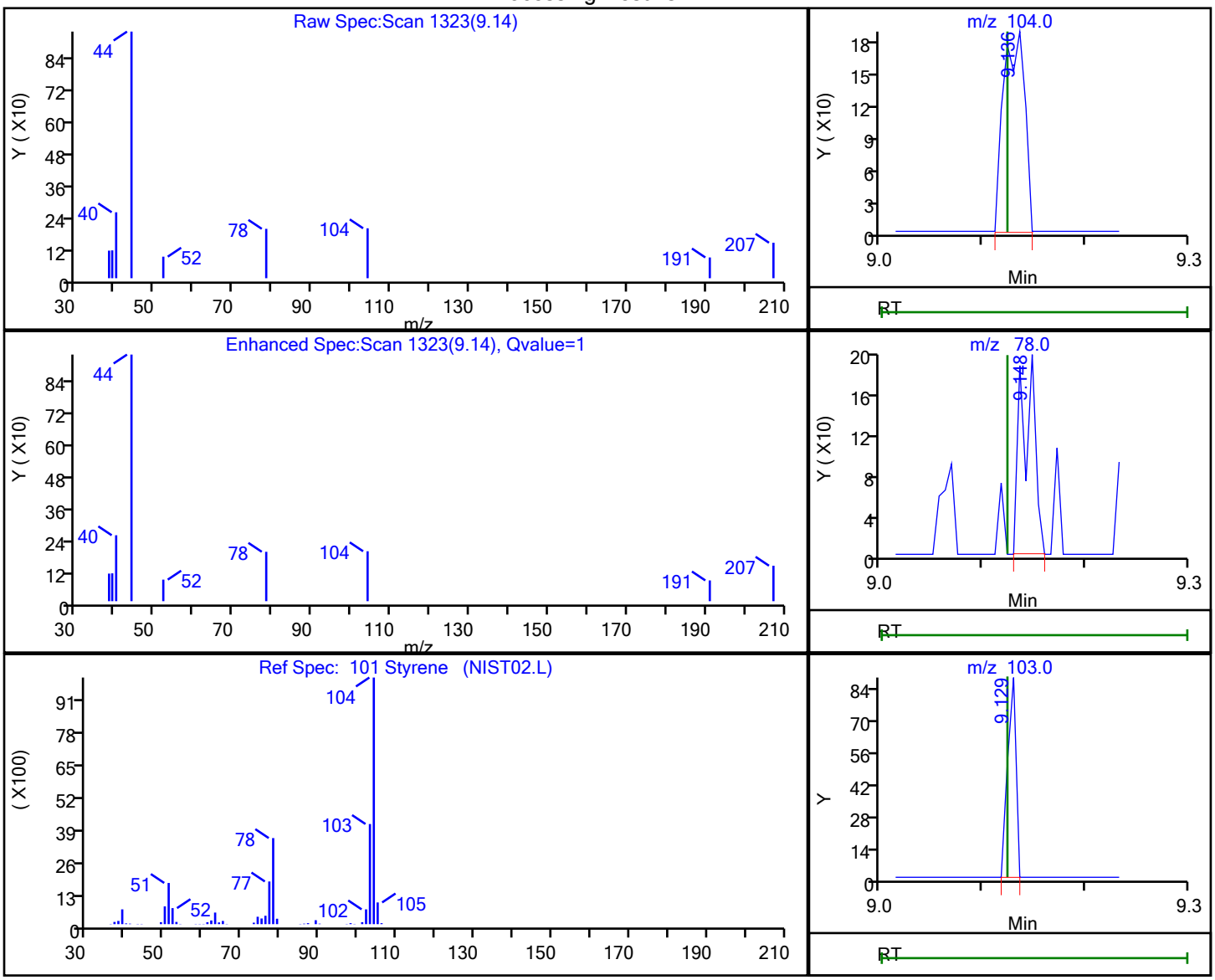
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Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.14	104.00	275	0.025051
9.15	78.00	187	
9.13	103.00	51	

Reviewer: FK2C, 30-Aug-2024 09:33:19 -04:00:00 (UTC)
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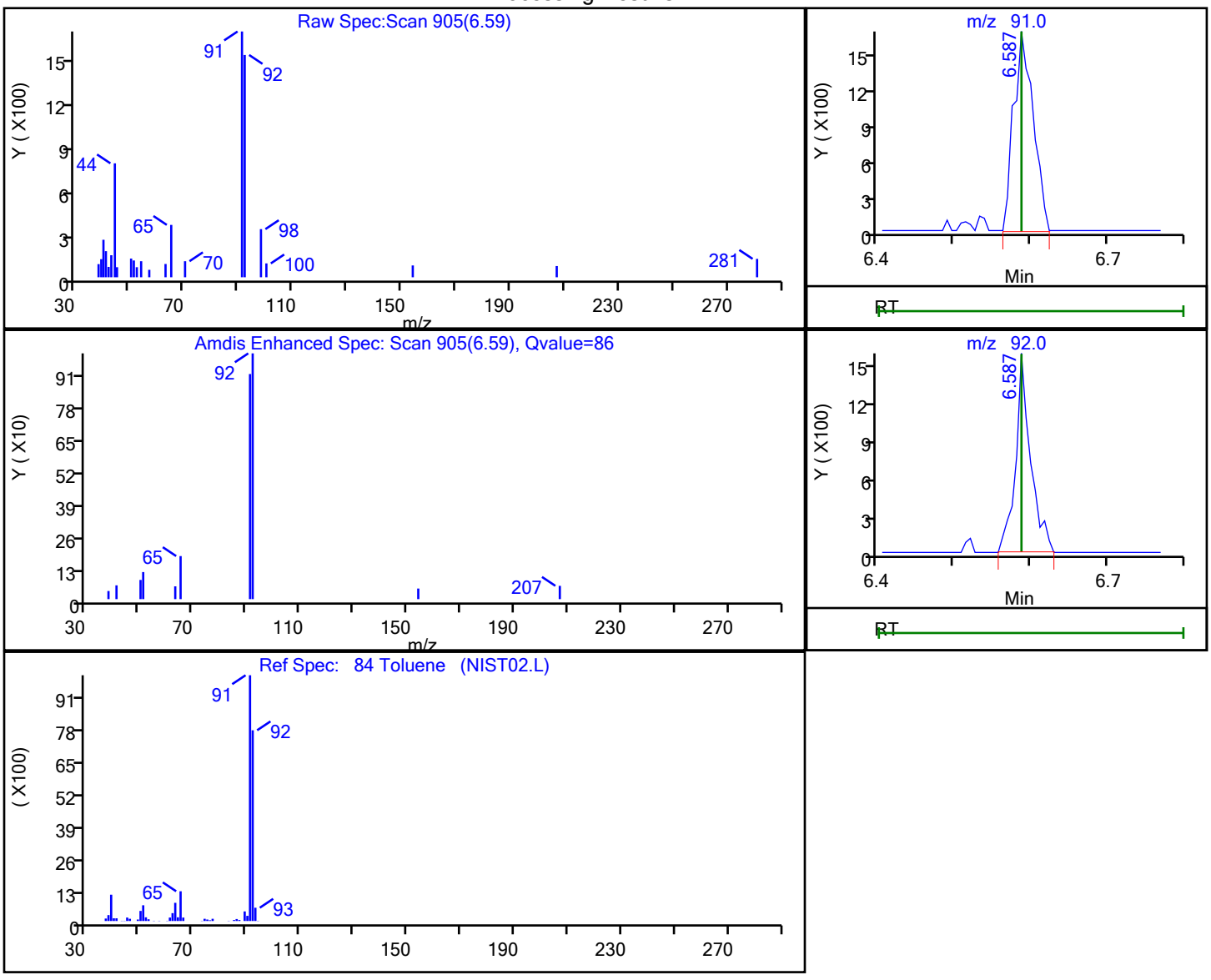
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.59	91.00	3016	0.139571
6.59	92.00	2088	

Reviewer: FK2C, 30-Aug-2024 09:33:14 -04:00:00 (UTC)
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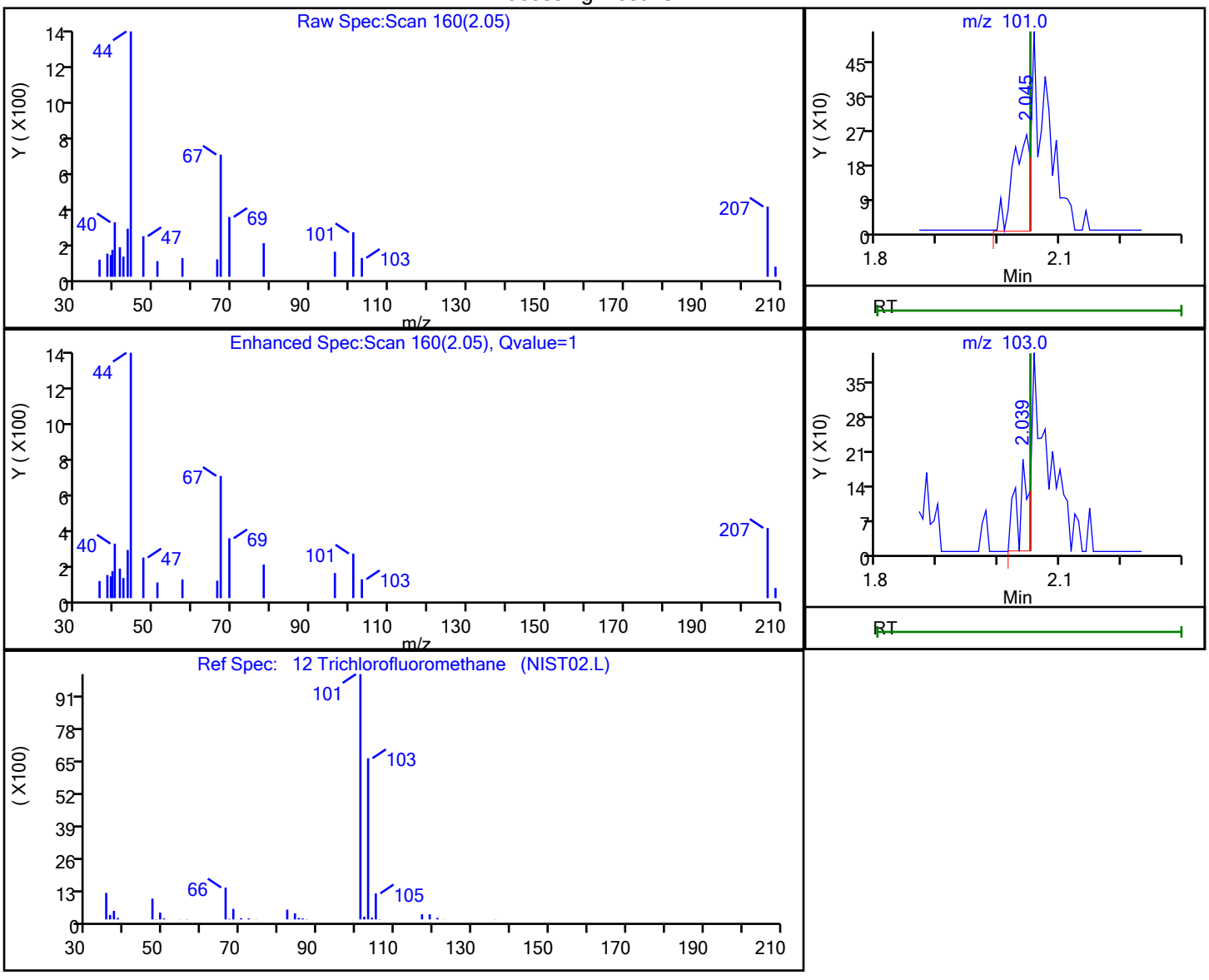
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.05	101.00	492	0.198708
2.04	103.00	239	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

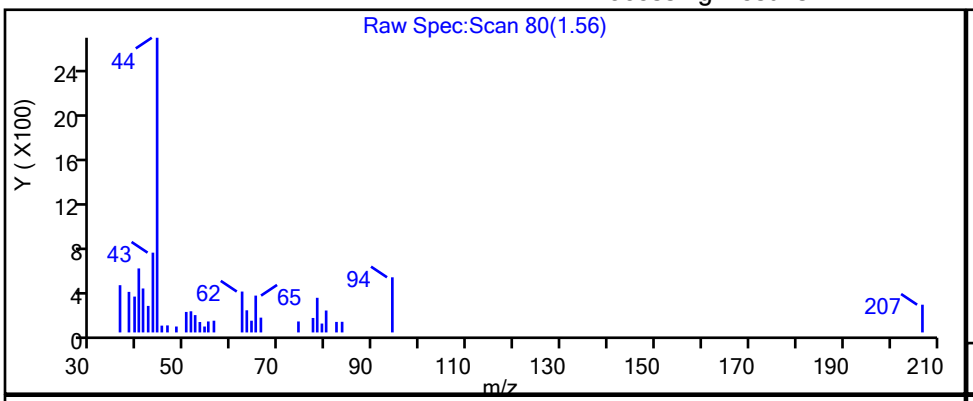
User Disabled Compound Report

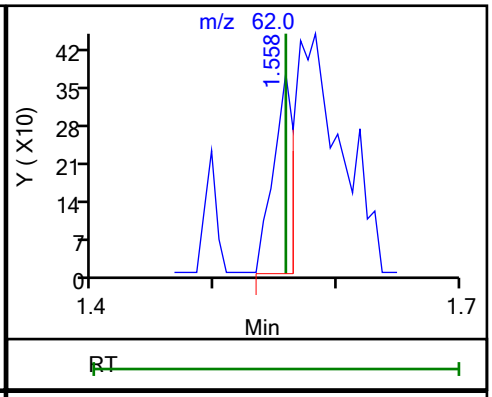
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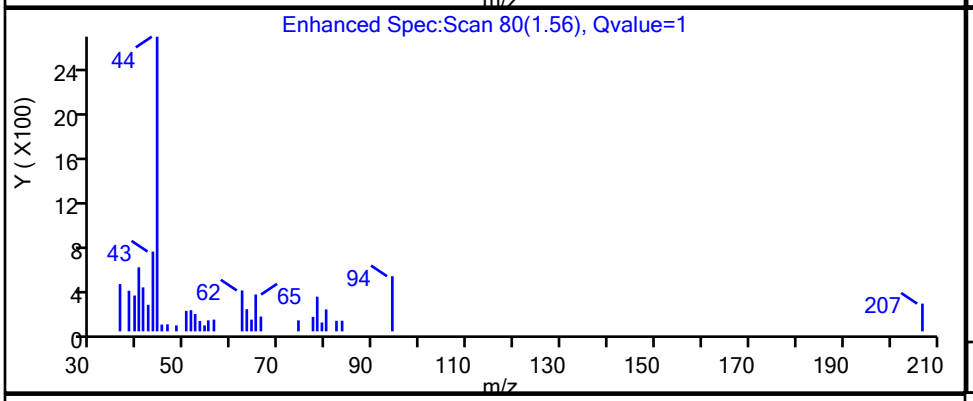
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

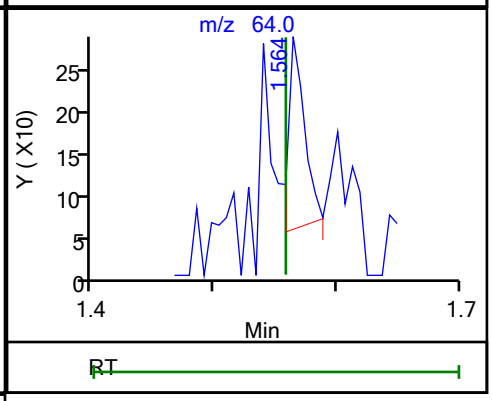
7 Vinyl chloride, CAS: 75-01-4

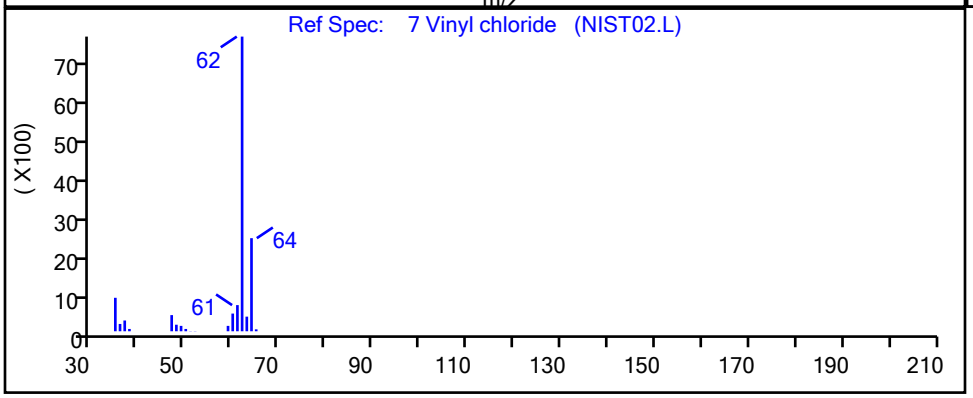
Processing Results











RT	Mass	Response	Amount
1.56	62.00	422	0.198118
1.56	64.00	203	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Aug-2024 08:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0180260-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:00 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:56:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	1	44	0.5000	0.0612	
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	56	852	0.5000	0.4386	M
4 Dichlorodifluoromethane	85	1.344	1.338	0.006	6	2228	0.5000	0.4826	M
5 Chlorodifluoromethane	67	1.357	1.351	0.006	35	313	0.5000	0.5652	a
6 Chloromethane	50	1.497	1.491	0.006	46	2424	0.5000	0.4383	M
7 Vinyl chloride	62	1.570	1.558	0.012	14	2236	0.5000	0.4606	M
8 Butadiene	54	1.564	1.570	-0.006	52	2329	0.5000	0.5108	M
9 Bromomethane	94	1.808	1.820	-0.012	37	1656	0.5000	0.4833	M
10 Chloroethane	64	1.881	1.881	0.000	34	1967	0.5000	0.6148	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	64	4097	0.5000	0.5015	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	49	2320	0.5000	0.4724	M
13 Pentane	72	2.058	2.070	-0.012	86	406	1.00	0.7009	a
14 Ethanol	46	2.204	2.234	-0.030	73	258	20.0	-124.5	
15 Ethyl ether	74	2.222	2.234	-0.012	96	3200	0.5000	0.4975	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	74	1719	0.5000	0.5387	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	18	1121	0.5000	0.3622	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	1	2510	0.5000	0.4599	M
19 Acrolein	56	2.393	2.387	0.006	47	1645	2.00	2.49	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	48	1440	0.5000	0.4833	M
21 1,1-Dichloroethene	96	2.442	2.436	0.006	95	2158	0.5000	0.5948	Ma
22 Acetone	43	2.515	2.497	0.018	71	3769	2.50	3.31	
23 Iodomethane	142	2.570	2.570	0.000	85	3295	0.5000	0.5280	
25 Isopropyl alcohol	45	2.594	2.588	0.006	31	880	5.00	5.30	a
24 Carbon disulfide	76	2.606	2.600	0.006	93	6783	0.5000	0.5230	M
26 3-Chloro-1-propene	76	2.710	2.716	-0.006	76	1298	0.5000	0.5262	
27 Methyl acetate	43	2.722	2.722	0.000	95	3697	1.00	1.21	
28 Cyclopentene	67	2.728	2.734	-0.006	47	4195	0.5000	0.5507	M
29 Acetonitrile	41	2.759	2.771	-0.012	63	2358	5.00	4.79	Ma
* 31 TBA-d9 (IS)	66	2.820	2.832	-0.012	0	40820	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	46	2843	0.5000	0.6326	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.923	2.887	0.036	2	1083	5.00	4.08	M
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	53	5738	0.5000	0.5128	M
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	38	2083	0.5000	0.5341	M
35 Acrylonitrile	53	3.076	3.070	0.006	93	7067	5.00	4.68	
36 Hexane	57	3.149	3.155	-0.006	87	2550	0.5000	0.6251	
37 Isopropyl ether	45	3.350	3.356	-0.006	90	7231	0.5000	0.5372	
38 1,1-Dichloroethane	63	3.375	3.381	-0.006	93	4073	0.5000	0.5630	
39 Vinyl acetate	86	3.393	3.393	0.000	99	526	1.00	0.9634	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	42	1594	0.5000	0.4874	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	5799	0.5000	0.4834	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	395506	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	40	560	0.5000	0.5040	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	76	2476	0.5000	0.5607	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	77	1078	2.50	2.60	
46 Ethyl acetate	70	3.887	3.887	0.000	66	251	1.00	0.6894	
47 Methyl acrylate	55	3.942	3.941	0.001	16	1543	0.5000	0.4783	M
48 Propionitrile	54	4.009	4.009	0.000	97	2265	5.00	4.84	
50 Tetrahydrofuran	72	4.076	4.082	-0.006	52	543	1.00	1.09	a
49 Chlorobromomethane	128	4.100	4.088	0.012	32	1066	0.5000	0.4939	
51 Methacrylonitrile	67	4.106	4.112	-0.006	92	7199	5.00	4.72	
52 Chloroform	83	4.143	4.143	0.000	95	3218	0.5000	0.4996	
53 Cyclohexane	84	4.271	4.271	0.000	69	2212	0.5000	0.4440	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	60	2581	0.5000	0.5434	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	183336	50.0	49.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	25	1653	0.5000	0.5270	M
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	2679	0.5000	0.5490	
58 Isobutyl alcohol	43	4.557	4.551	0.006	19	1012	12.5	11.4	Ma
59 Isooctane	57	4.582	4.582	0.000	97	6051	0.5000	0.5275	
60 Benzene	78	4.612	4.612	0.000	95	8574	0.5000	0.5539	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	215314	50.0	49.0	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	70	5691	0.5000	0.4674	
63 Isopropyl acetate	61	4.673	4.673	0.000	88	781	0.5000	0.3894	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	82	2665	0.5000	0.5319	
65 n-Heptane	100	4.777	4.771	0.006	89	241	0.5000	0.3555	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	767841	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	7	564	12.5	9.50	a
68 Trichloroethene	95	5.234	5.228	0.006	92	1923	0.5000	0.5280	
69 Methylcyclohexane	83	5.350	5.356	-0.006	83	2776	0.5000	0.4875	
70 Ethyl acrylate	99	5.356	5.356	0.000	90	89	0.5000	0.1474	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	67	1916	0.5000	0.4701	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	34399	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	85	560	1.00	0.6540	
75 1,4-Dioxane	88	5.606	5.618	-0.012	24	720	25.0	19.3	
74 Dibromomethane	93	5.624	5.630	-0.006	80	1157	0.5000	0.4940	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2870	0.5000	0.5442	
77 Dichlorobromomethane	83	5.783	5.783	0.000	95	2104	0.5000	0.4985	
78 2-Nitropropane	41	6.118	6.112	0.006	42	1115	1.00	2.29	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	73	1268	0.5012	0.5017	
80 Epichlorohydrin	57	6.215	6.222	-0.007	96	3591	10.0	10.7	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	92	2629	0.5000	0.4670	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	96	3252	2.50	2.35	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	716109	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	92	10256	0.5000	0.6162	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	2234	0.5000	0.4715	
86 Ethyl methacrylate	69	6.978	6.977	0.001	43	1273	0.5000	0.2573	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	78	1250	0.5000	0.4578	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	1951	0.5000	0.5597	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	2726	0.5000	0.4962	
90 2-Hexanone	43	7.423	7.423	0.001	94	5407	2.50	2.45	
91 n-Butyl acetate	43	7.545	7.544	0.000	65	2289	0.5000	0.4580	
92 Chlorodibromomethane	129	7.569	7.575	-0.006	88	1091	0.5000	0.4197	
93 Ethylene Dibromide	107	7.721	7.721	0.000	90	1621	0.5000	0.5292	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	529898	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	5054	0.5000	0.5226	
96 Ethylbenzene	106	8.410	8.410	0.000	98	2663	0.5000	0.5097	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	36	1397	0.5000	0.4964	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2888	0.5000	0.4615	
99 o-Xylene	106	9.099	9.087	0.012	89	3238	0.5000	0.5070	M
100 n-Butyl acrylate	73	9.093	9.087	0.006	48	893	0.5000	0.4213	M
101 Styrene	104	9.123	9.123	0.000	96	5232	0.5000	0.5174	
102 Bromoform	173	9.373	9.367	0.006	49	494	0.5000	0.5218	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	89	1937	0.5000	0.2508	M
104 Isopropylbenzene	105	9.532	9.532	0.000	95	6801	0.5000	0.4685	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	220729	50.0	49.5	
106 Bromobenzene	156	9.904	9.898	0.006	96	2405	0.5000	0.5707	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	91	1890	0.5000	0.4647	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	9975	0.5000	0.5218	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	94	549	0.5000	0.4729	
110 trans-1,4-Dichloro-2-butene	53	10.032	10.044	-0.012	64	373	0.5000	0.3965	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	6762	0.5000	0.5039	
112 4-Ethyltoluene	105	10.117	10.123	-0.006	98	8236	0.5000	0.5144	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	6629	0.5000	0.5003	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	6679	0.5000	0.5179	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	1106	0.5000	0.2158	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	5672	0.5000	0.5098	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	6884	0.5000	0.4989	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	8564	0.5000	0.5074	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	4136	0.5000	0.5020	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	6586	0.5000	0.4555	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	296084	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	88	4186	0.5000	0.5097	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	96	7687	0.5000	0.5127	
124 Benzyl chloride	91	11.086	11.086	0.000	95	2415	0.5000	0.4163	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	93	6583	0.5000	0.4619	
126 p-Diethylbenzene	119	11.215	11.214	0.001	93	4207	0.5000	0.4553	a
127 n-Butylbenzene	92	11.239	11.239	0.000	96	3578	0.5000	0.4518	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	95	3778	0.5000	0.4669	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	7399	0.5000	0.5118	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	1	196	0.5000	0.3436	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	90	3649	0.5000	0.5287	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	89	2893	0.5000	0.4677	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	89	1558	0.5000	0.4896	
134 Naphthalene	128	12.775	12.775	0.000	98	6654	0.5000	0.4608	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	3047	0.5000	0.4798	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.09	
S 137 Xylenes, Total	100				0		1.00	0.9685	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9386	
S 140 Total BTEX	1				0		2.50	2.65	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	5.00	Units: uL	
ACROLEIN W_00173	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	5.00	Units: uL	
14DIOXINTER_00172	Amount Added:	15.00	Units: uL	
GASES Li_00600	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:00 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D

Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17

Lims ID: STD05

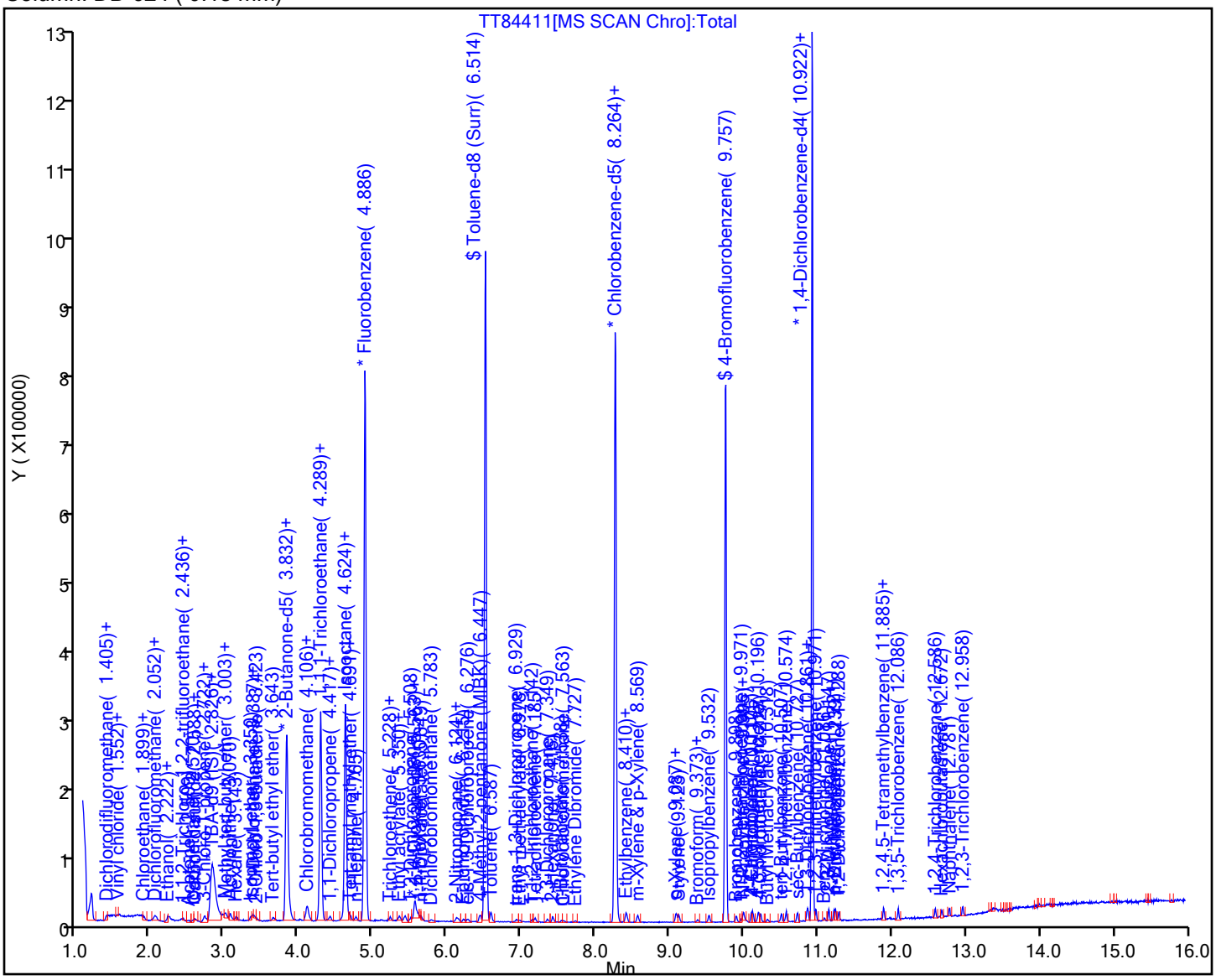
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

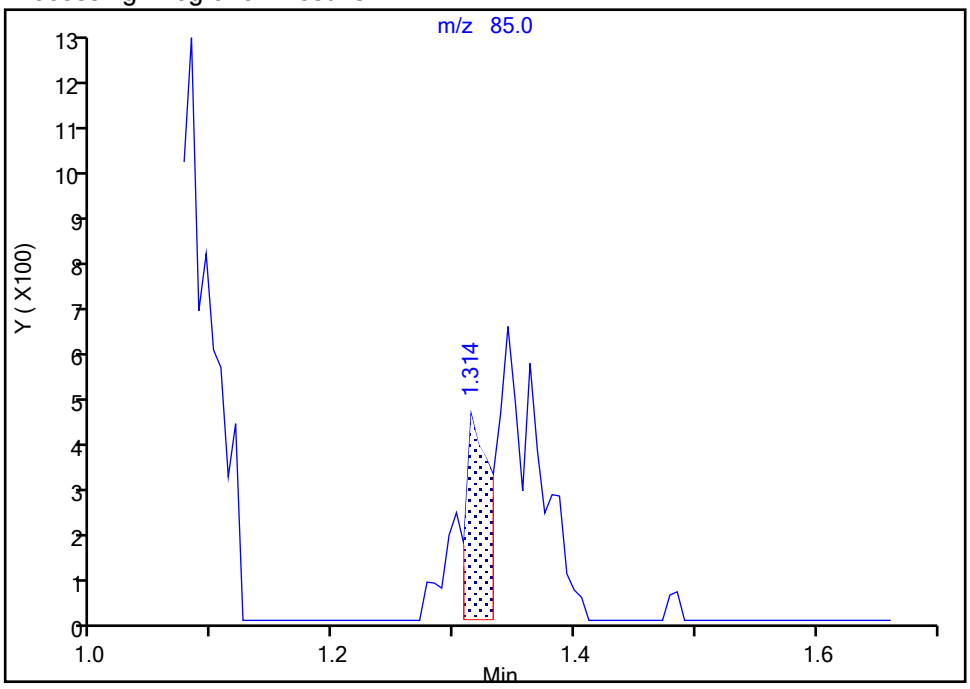
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

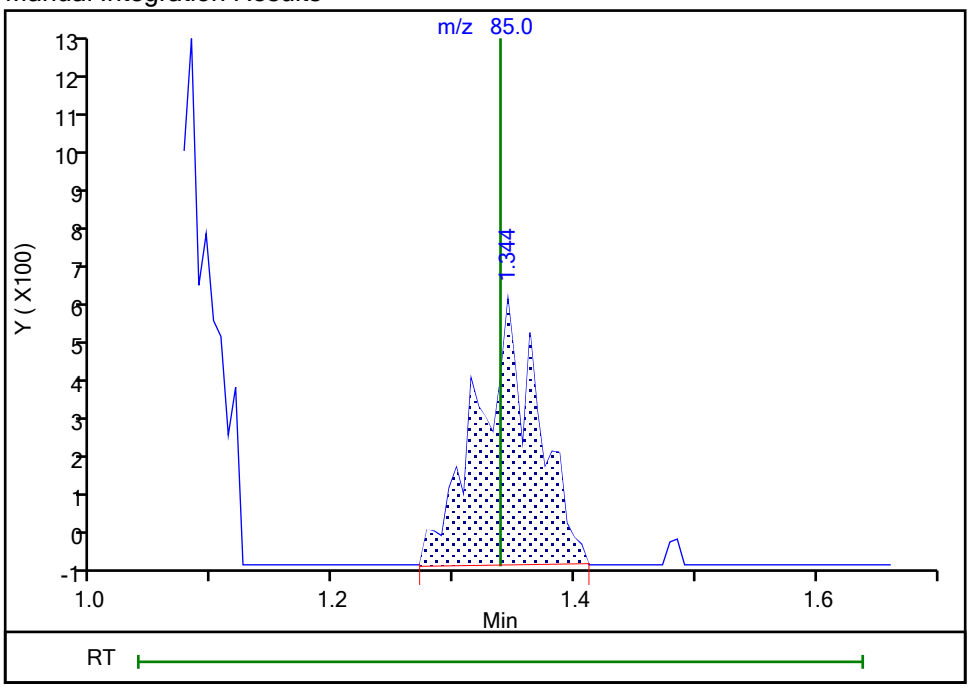
Processing Integration Results

RT: 1.31
Area: 609
Amount: 0.165637
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 2228
Amount: 0.482595
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:51:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

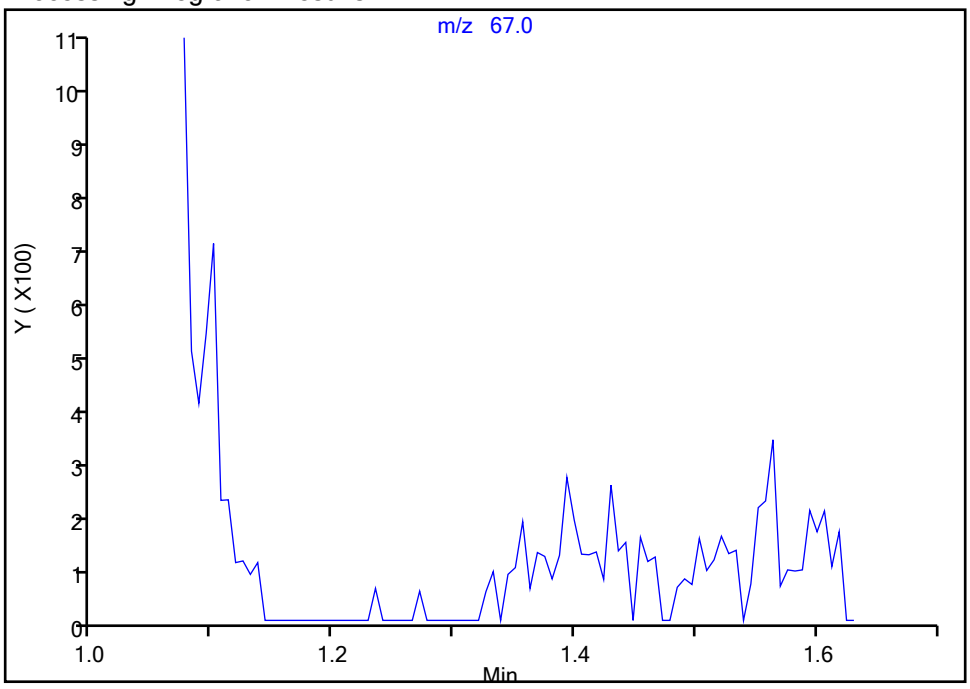
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

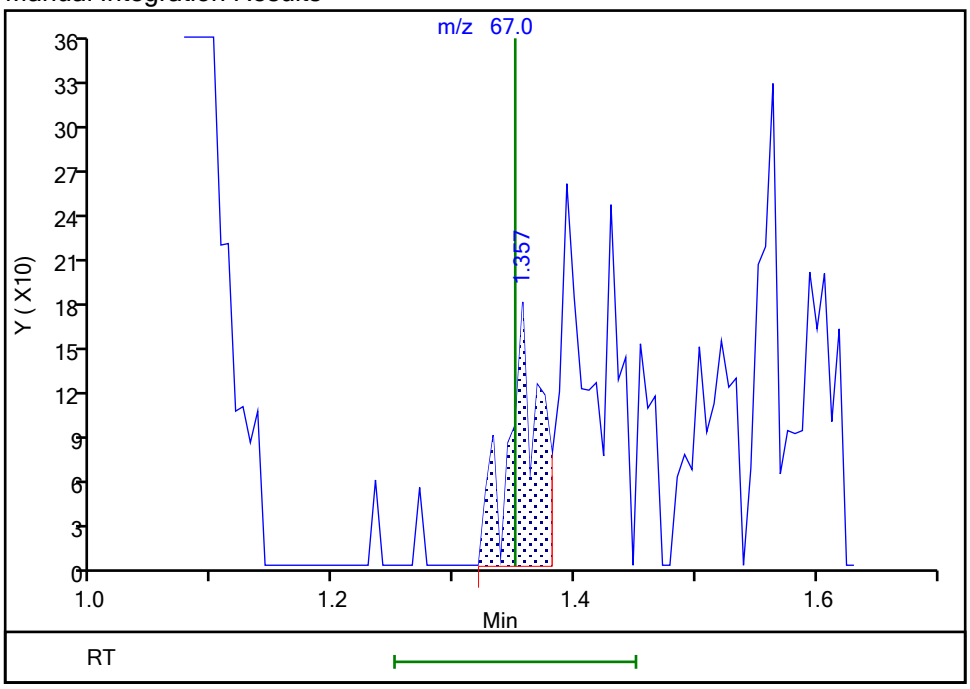
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 313
Amount: 0.565218
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

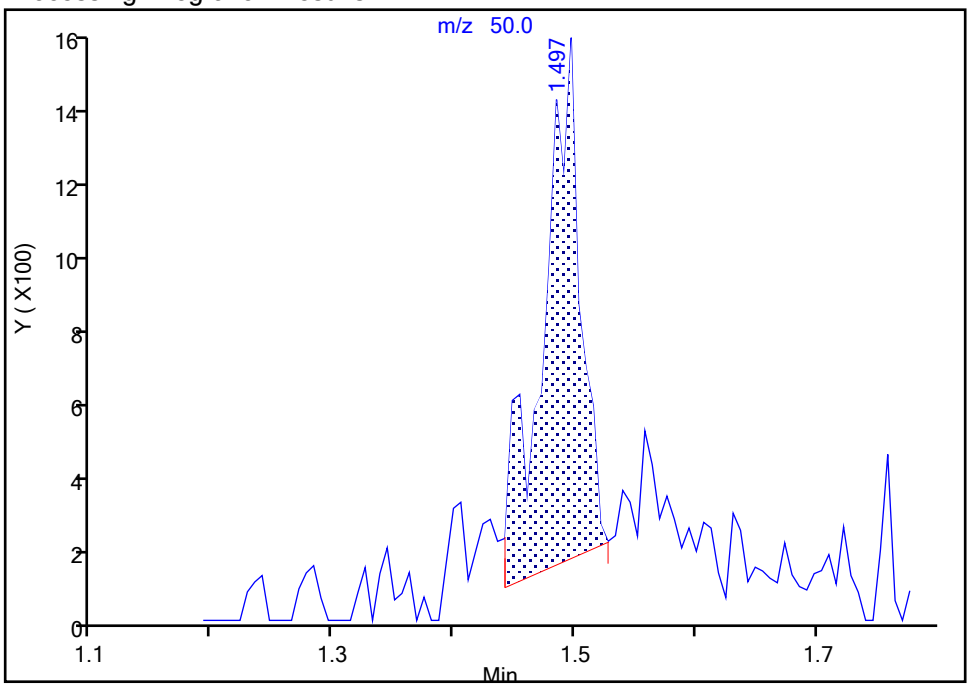
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

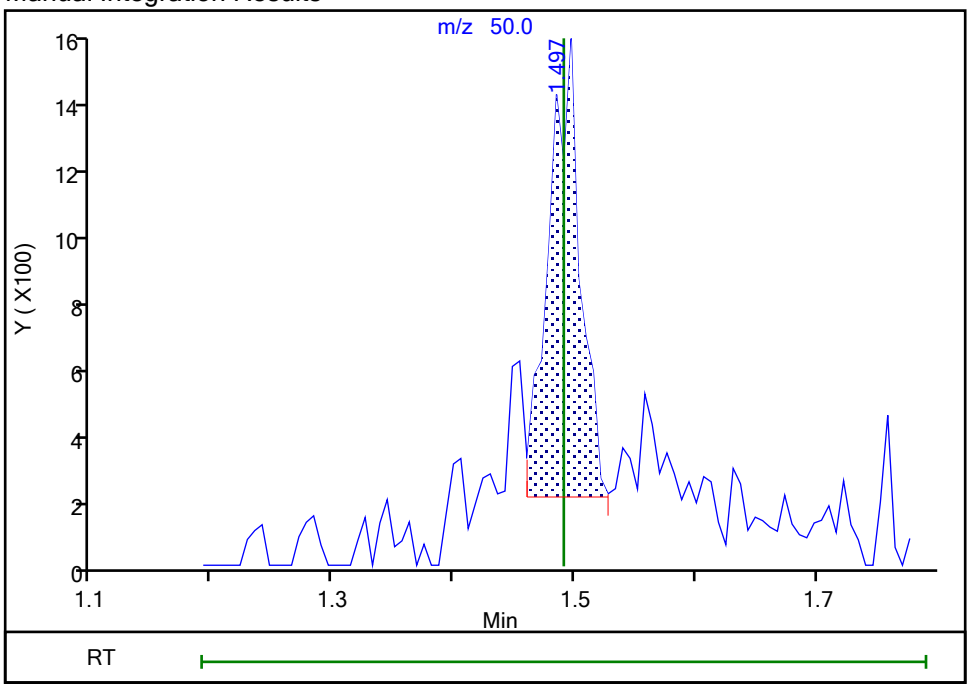
Processing Integration Results

RT: 1.50
Area: 2993
Amount: 0.517256
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 2424
Amount: 0.438255
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

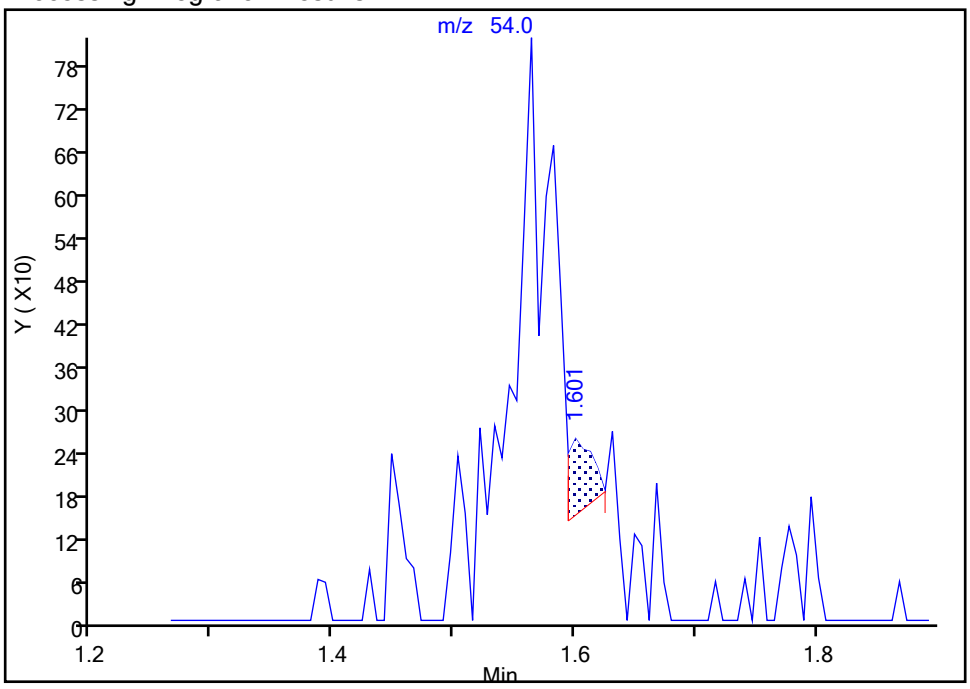
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Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

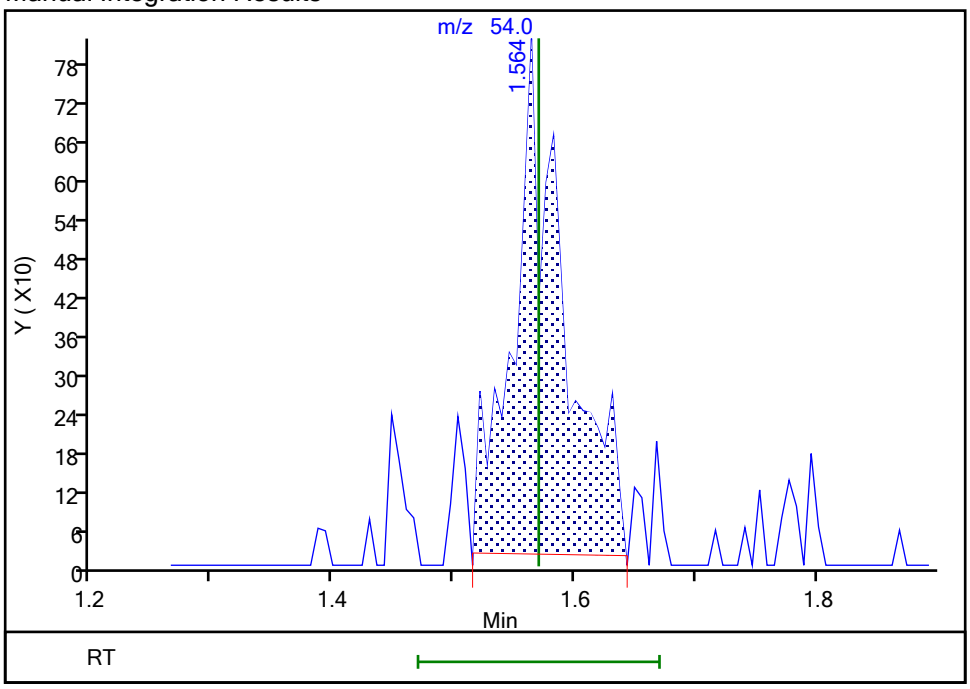
Processing Integration Results

RT: 1.60
Area: 143
Amount: 0.057134
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 2329
Amount: 0.510756
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

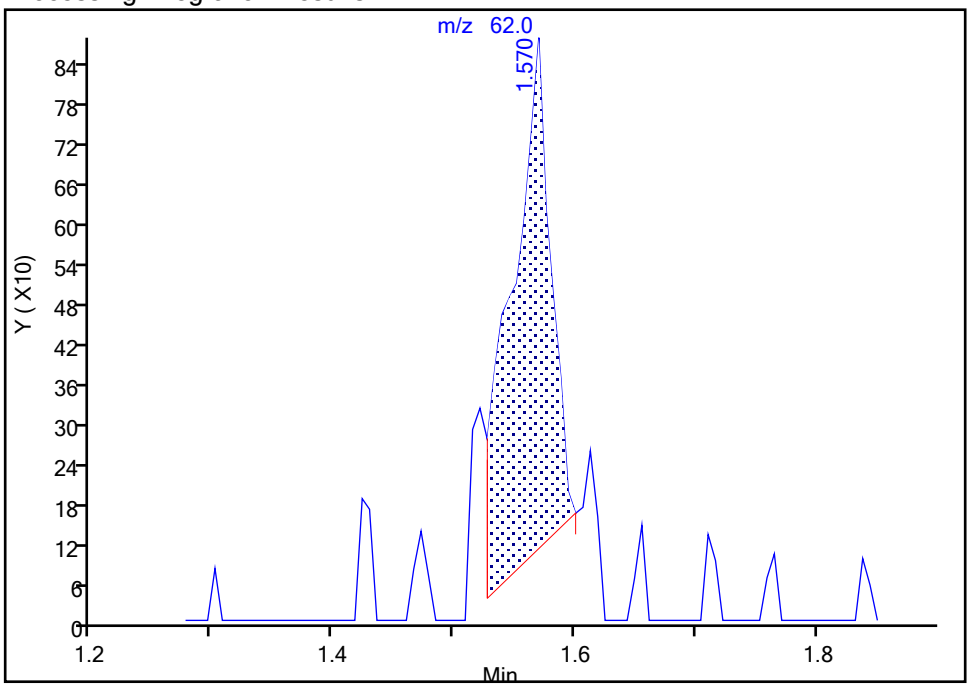
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

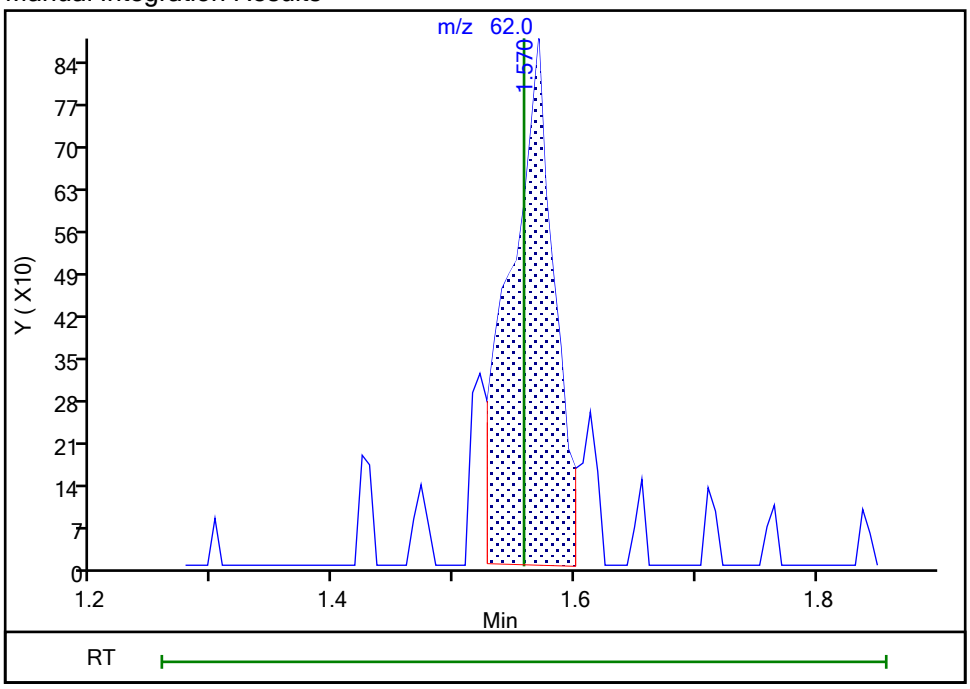
Processing Integration Results

RT: 1.57
Area: 1784
Amount: 0.356862
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 2236
Amount: 0.460613
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

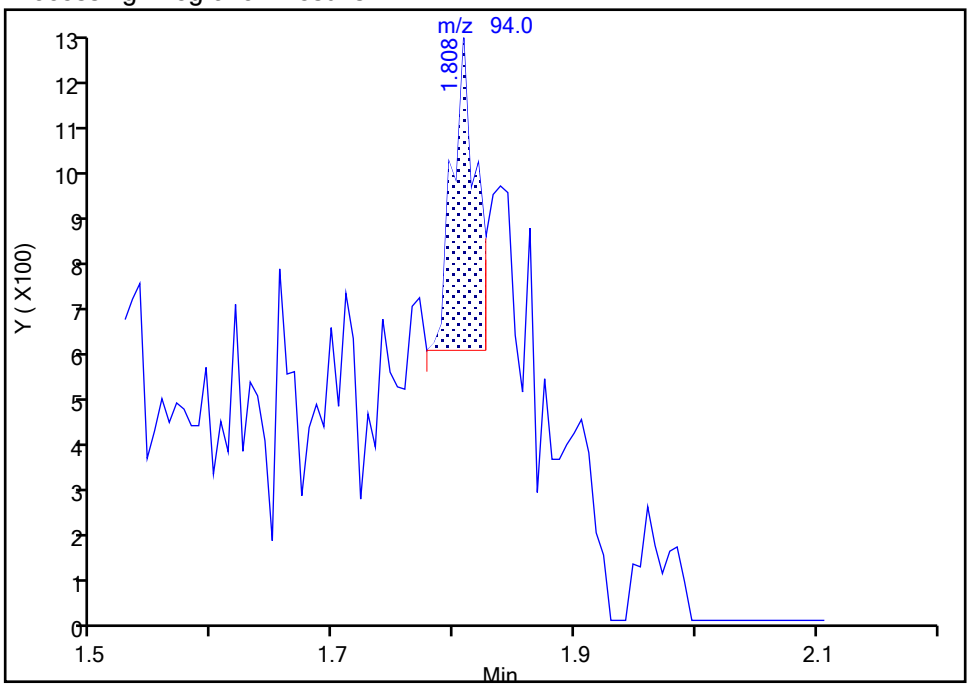
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

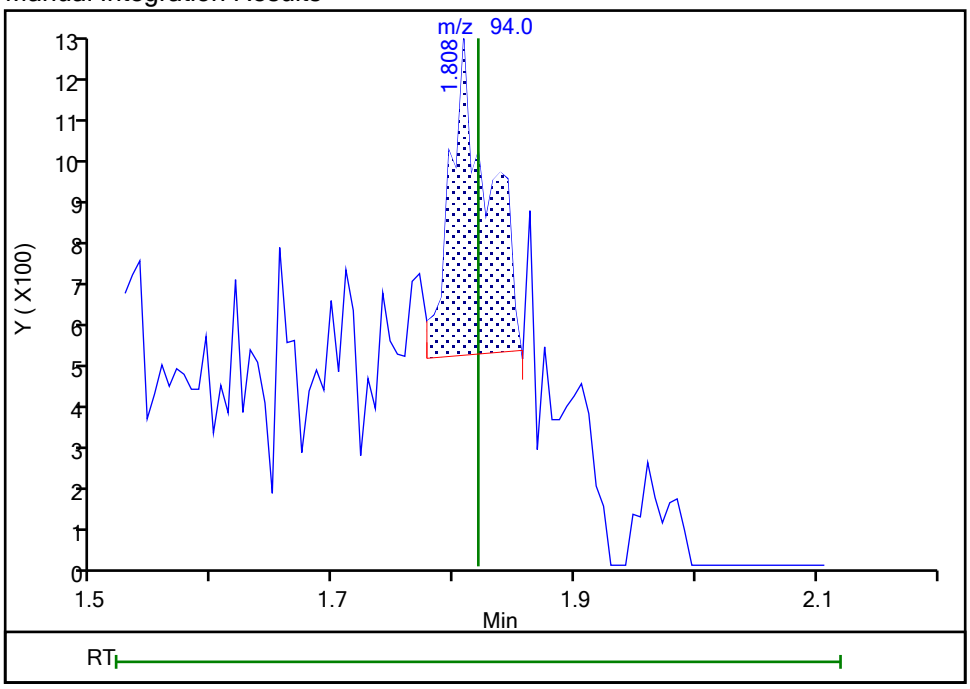
Processing Integration Results

RT: 1.81
Area: 901
Amount: 0.253556
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 1656
Amount: 0.483331
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:37:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

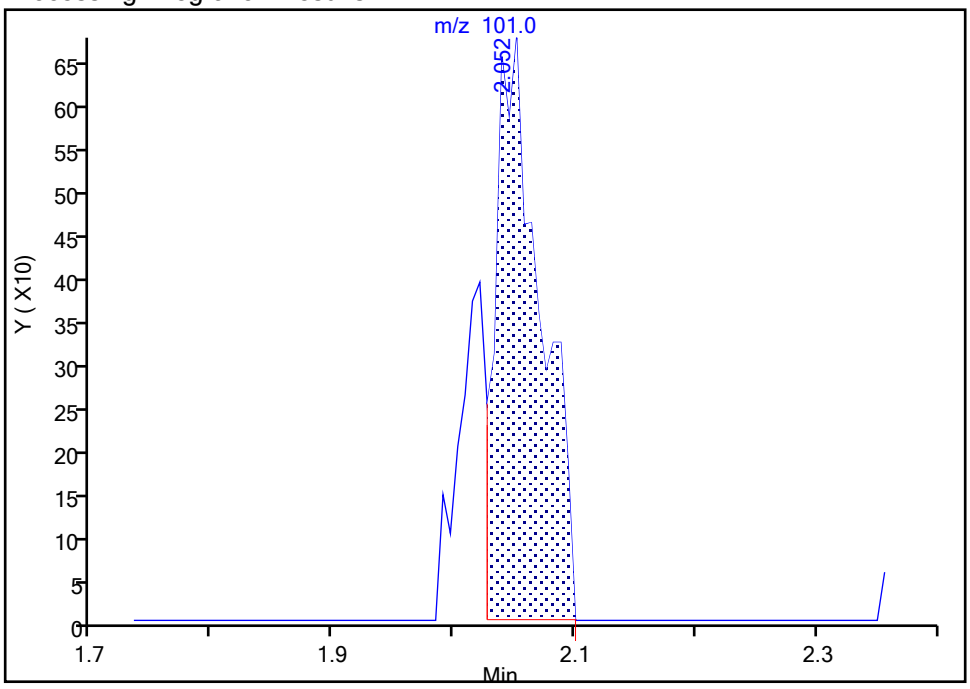
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

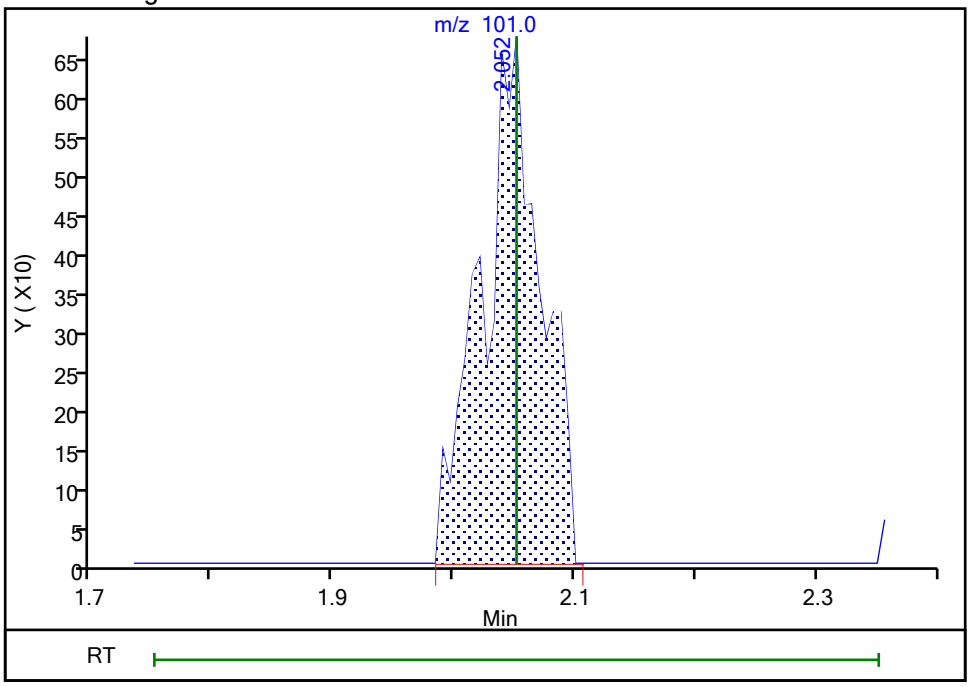
Processing Integration Results

RT: 2.05
Area: 1780
Amount: 0.395744
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 2320
Amount: 0.472409
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

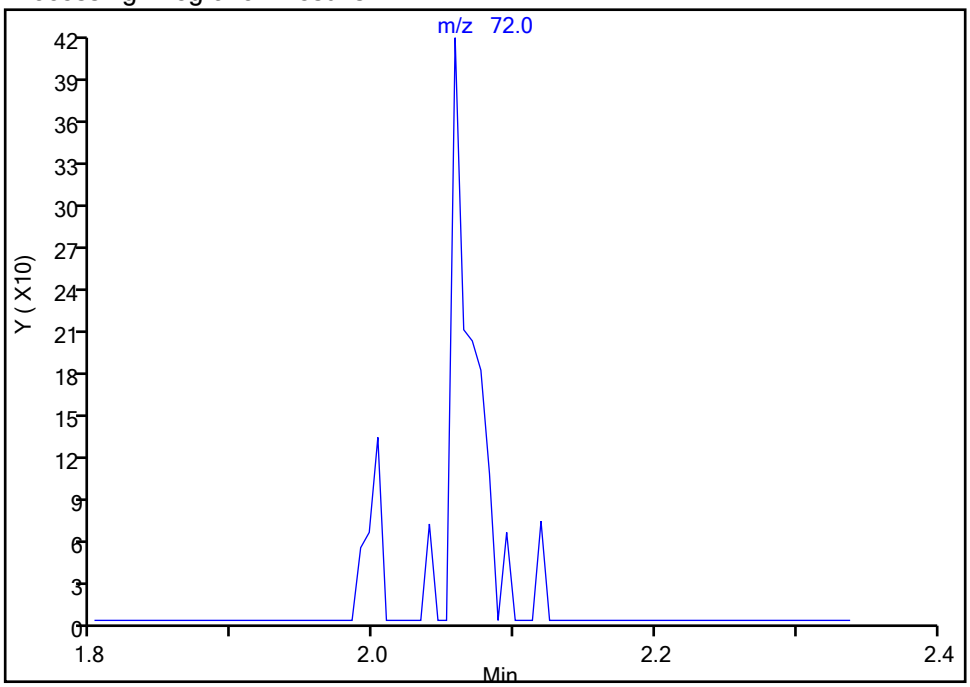
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

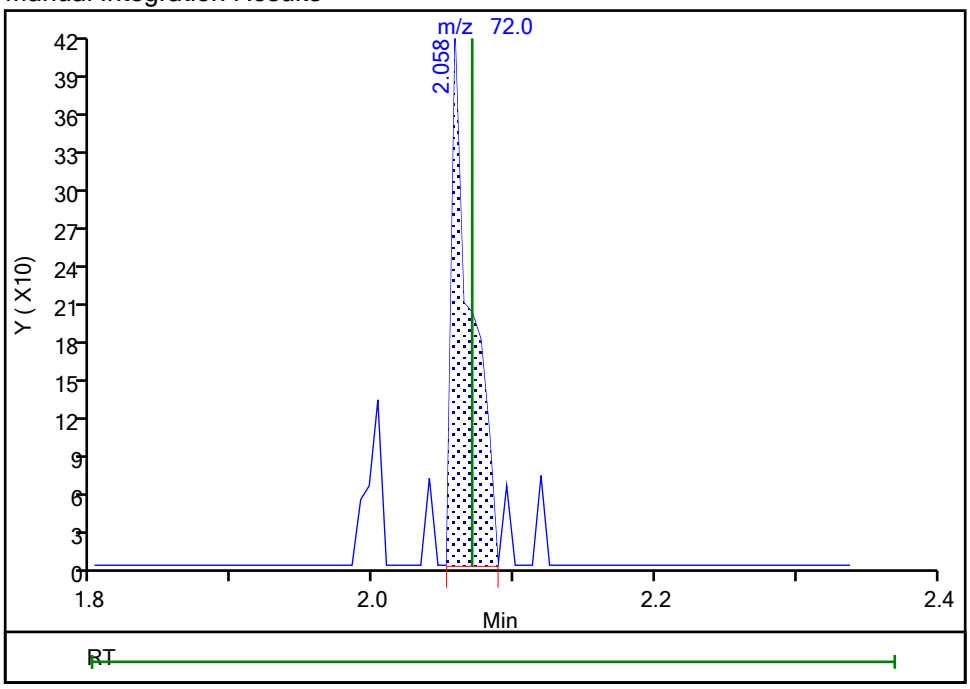
Not Detected
Expected RT: 2.07

Processing Integration Results



Manual Integration Results

RT: 2.06
Area: 406
Amount: 0.700949
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

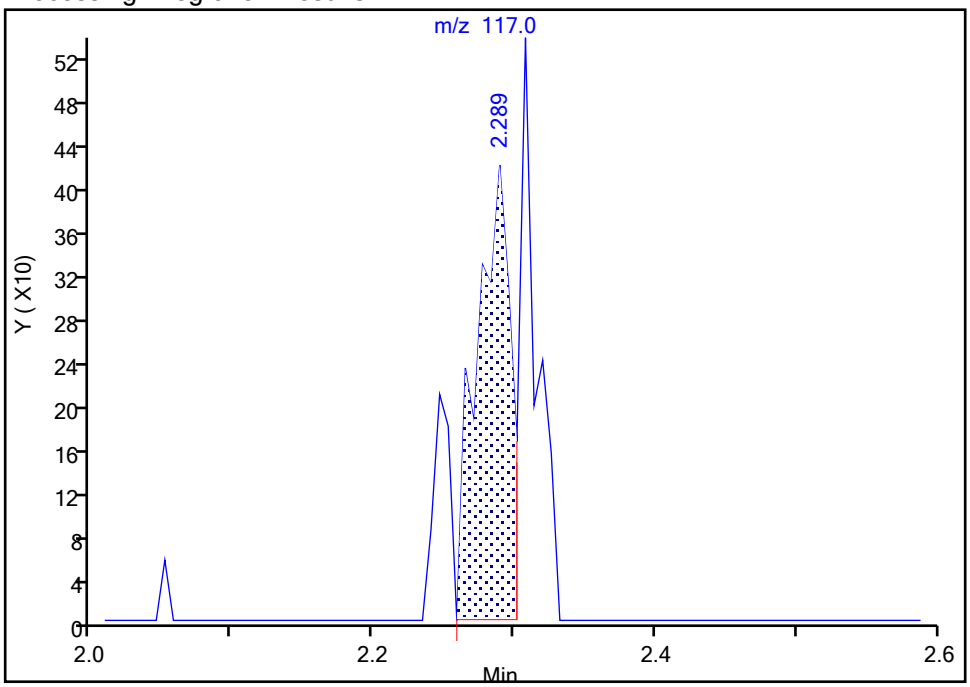
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

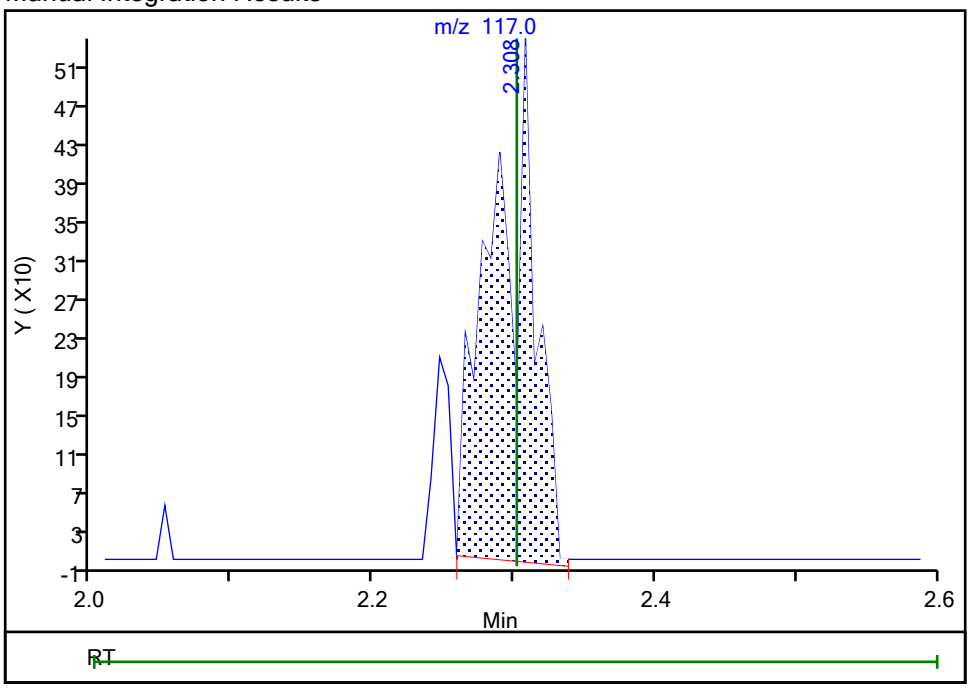
Processing Integration Results

RT: 2.29
Area: 705
Amount: 0.285347
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 1121
Amount: 0.362197
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

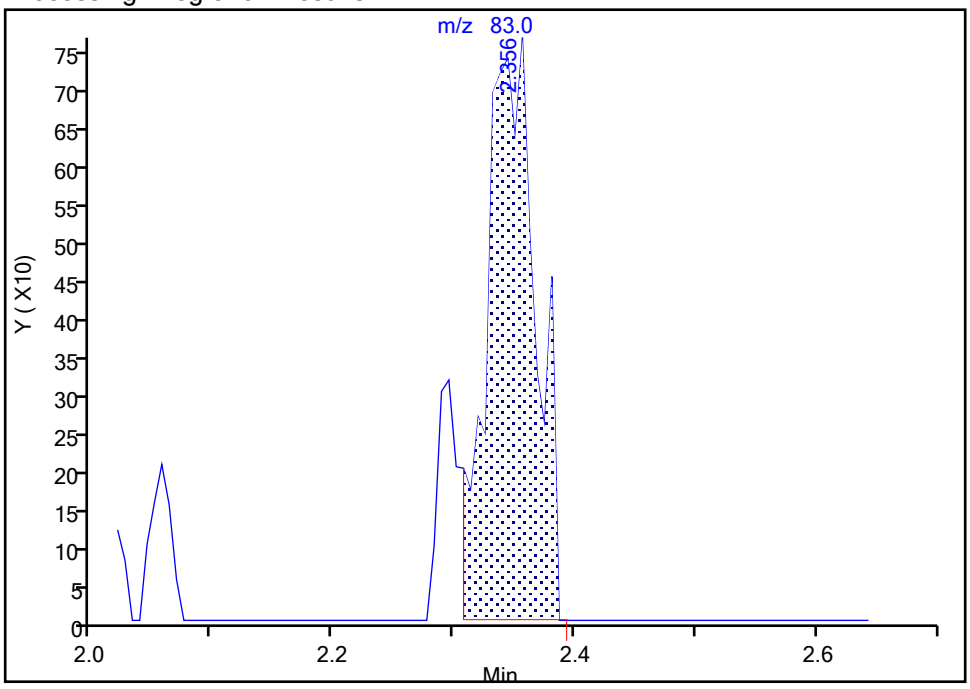
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

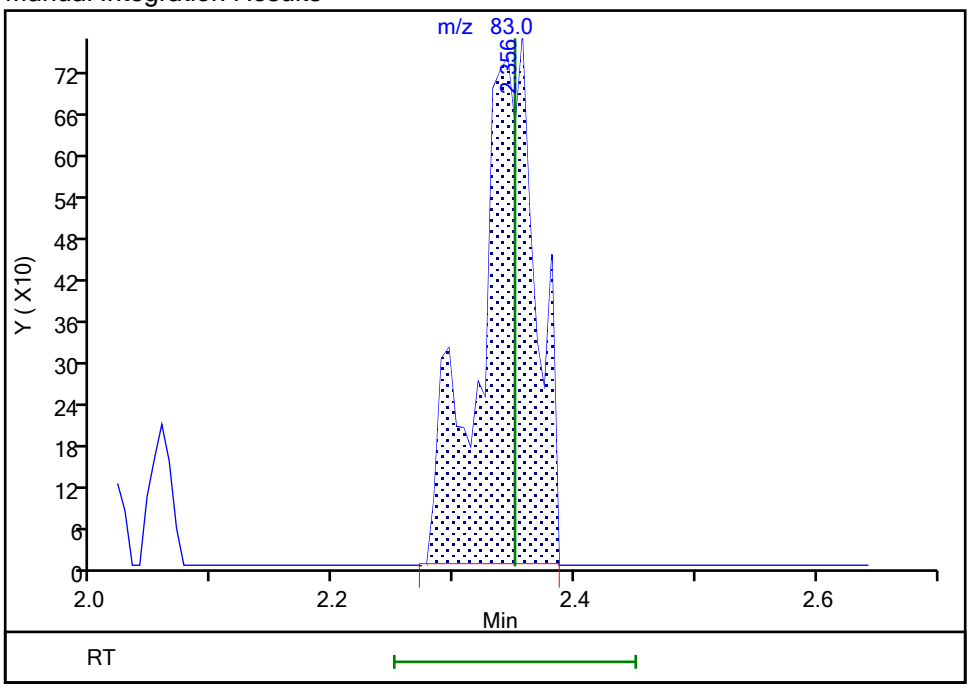
Processing Integration Results

RT: 2.36
Area: 2182
Amount: 0.400785
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 2510
Amount: 0.459866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

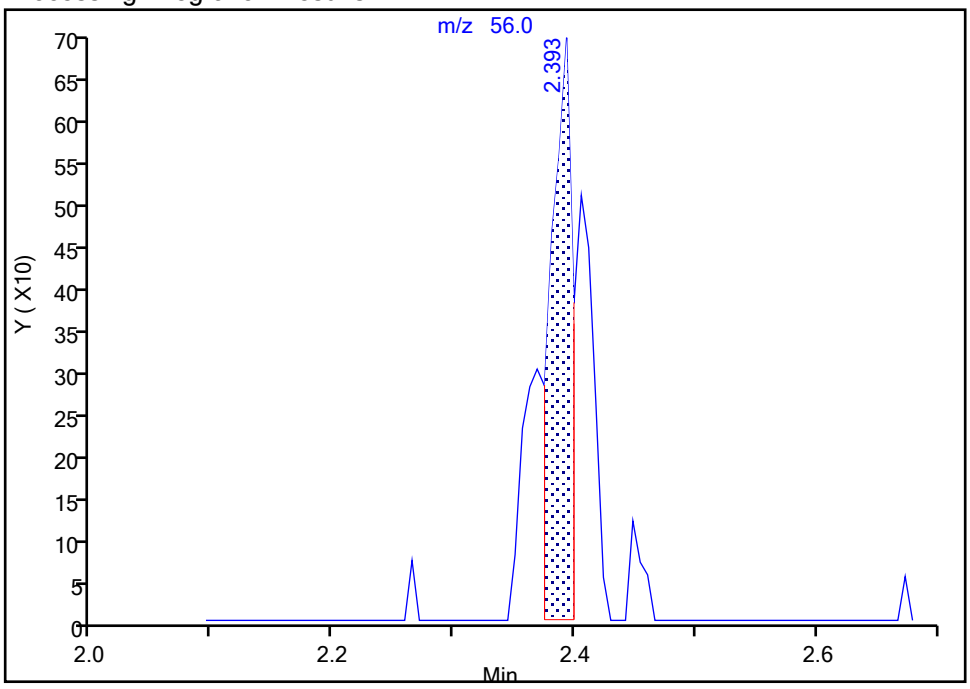
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

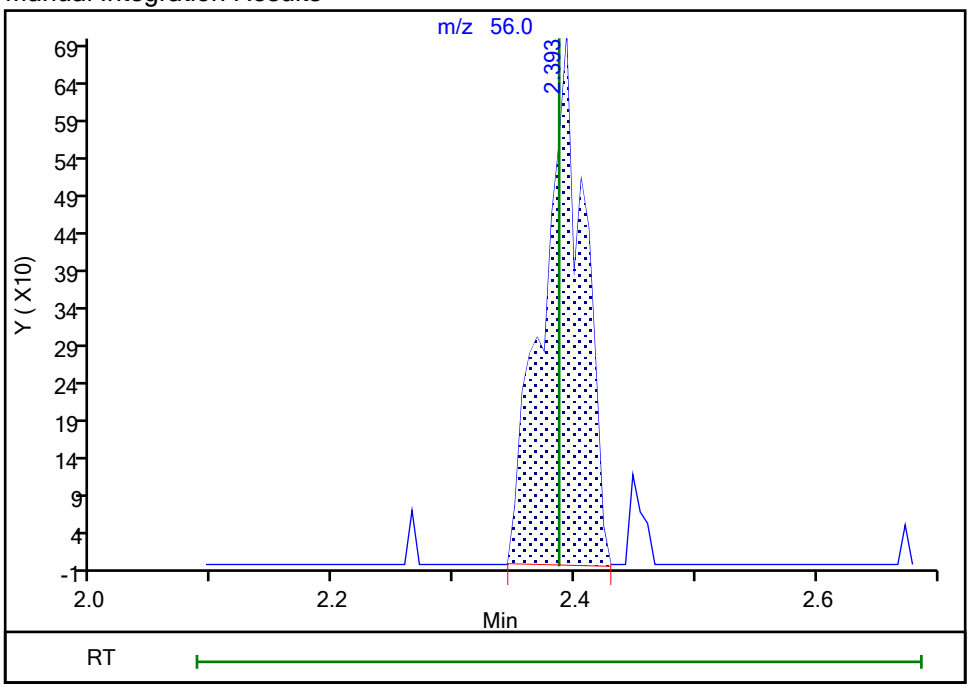
Processing Integration Results

RT: 2.39
Area: 862
Amount: 1.625985
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 1645
Amount: 2.492636
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

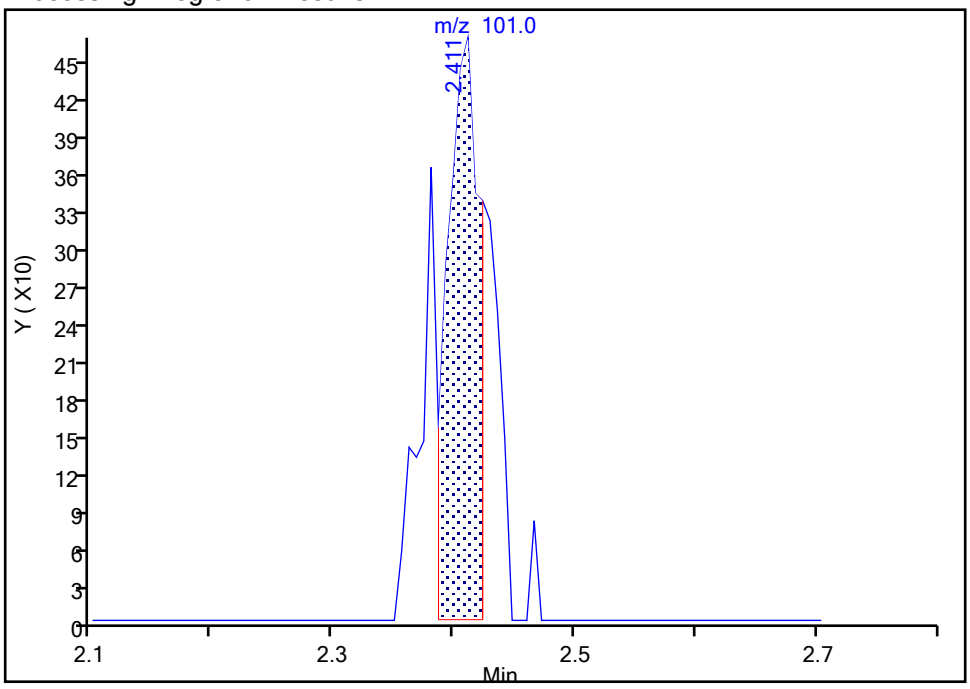
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

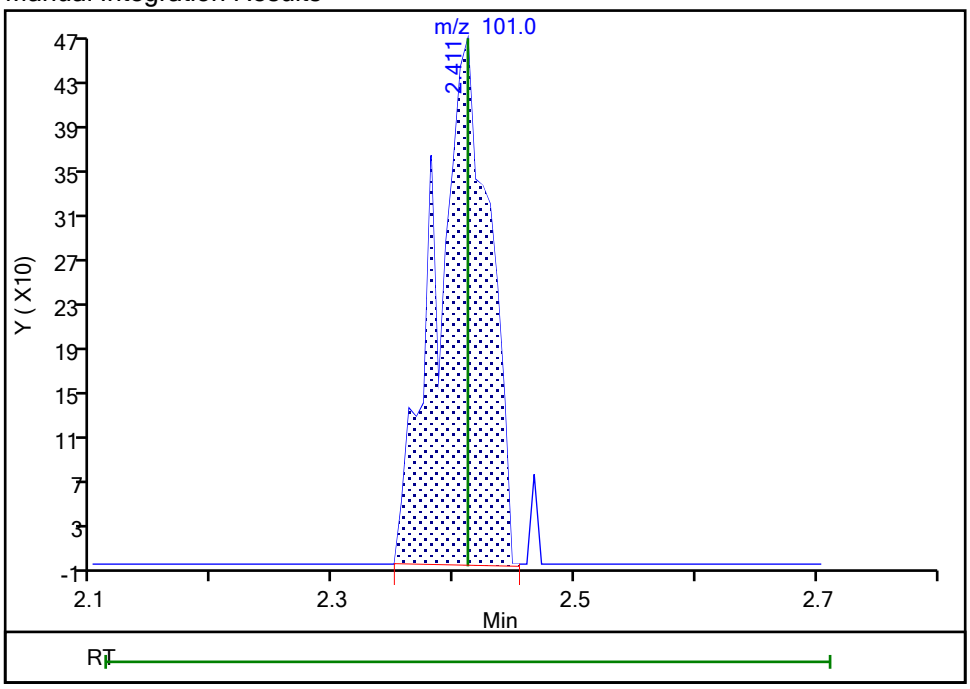
Processing Integration Results

RT: 2.41
Area: 873
Amount: 0.293944
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1440
Amount: 0.483302
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

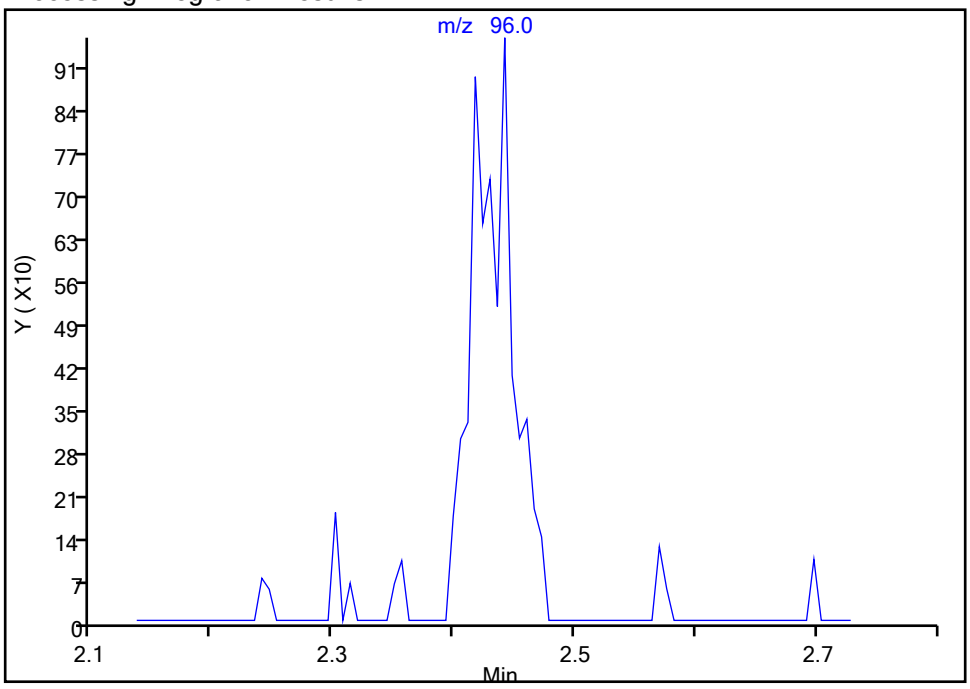
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

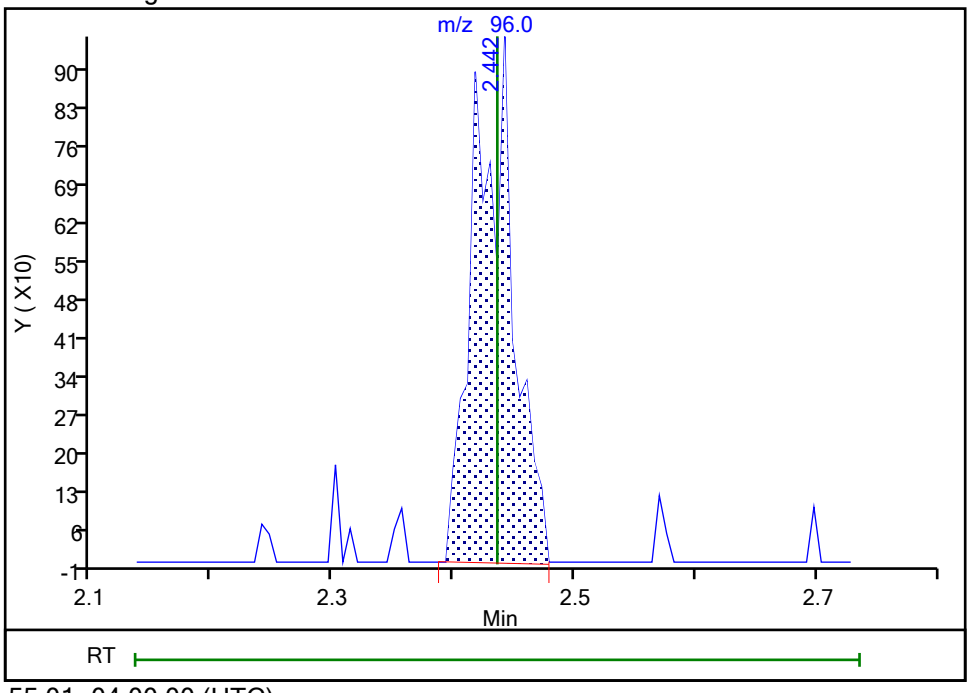
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 2158
Amount: 0.594833
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

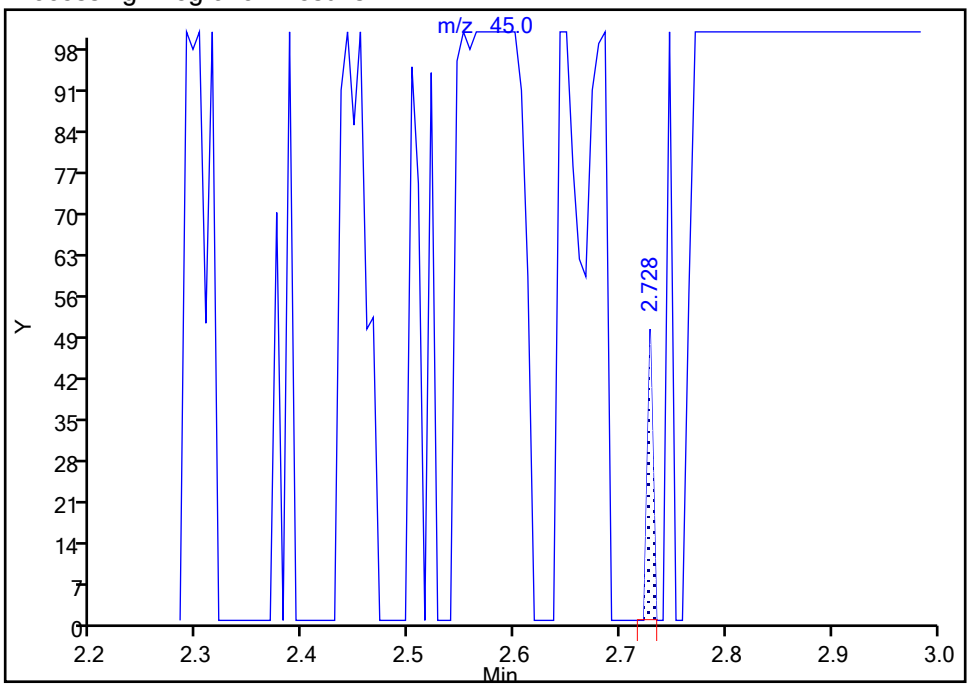
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

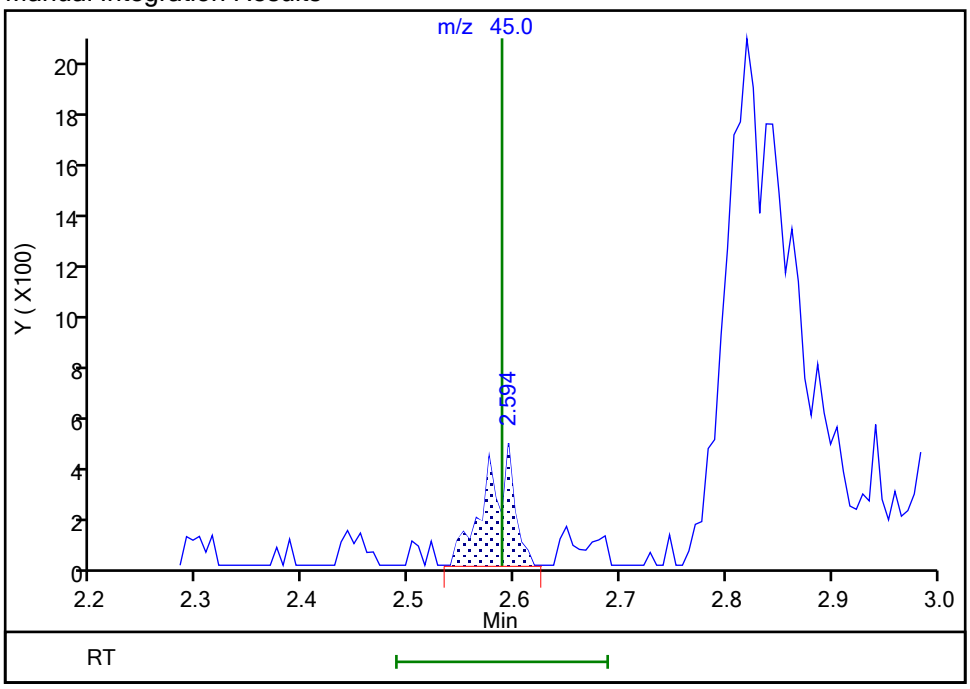
Processing Integration Results

RT: 2.73
Area: 18
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 880
Amount: 5.300947
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:01:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

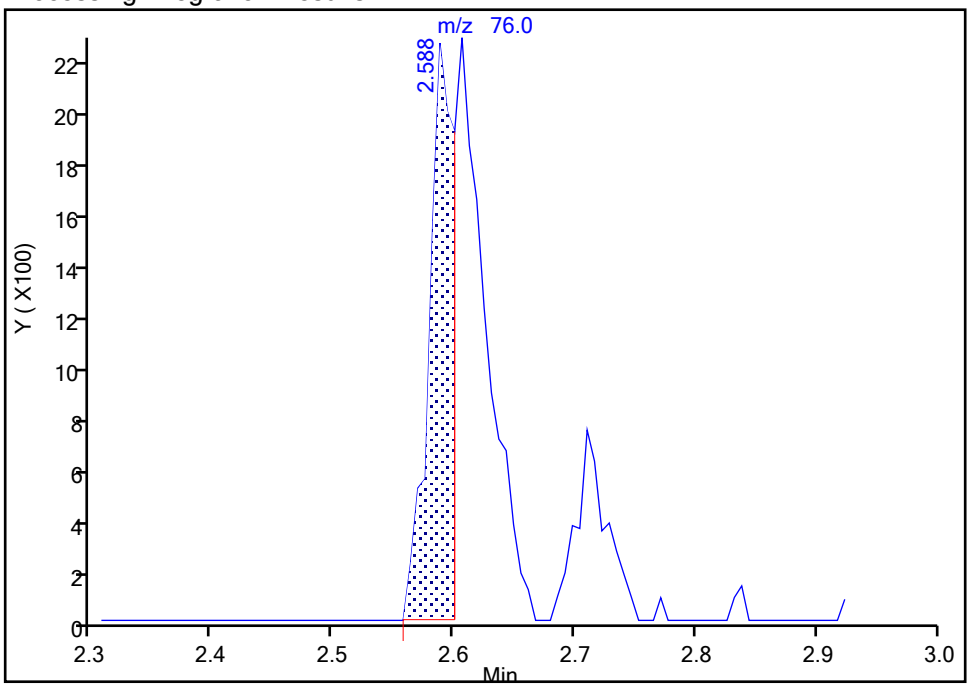
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

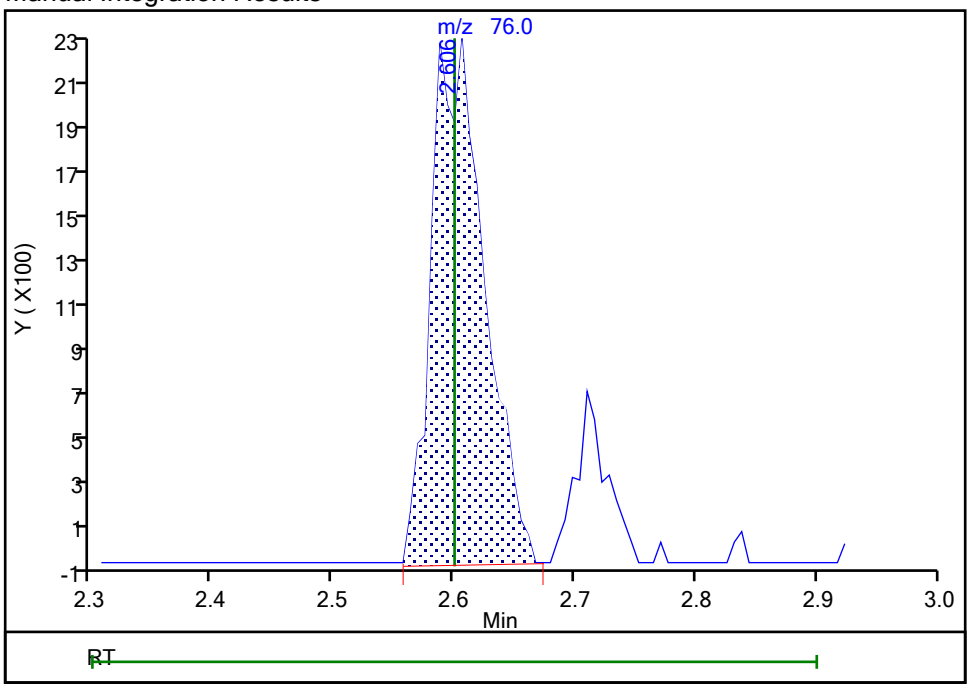
Processing Integration Results

RT: 2.59
Area: 3194
Amount: 0.236643
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 6783
Amount: 0.523030
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

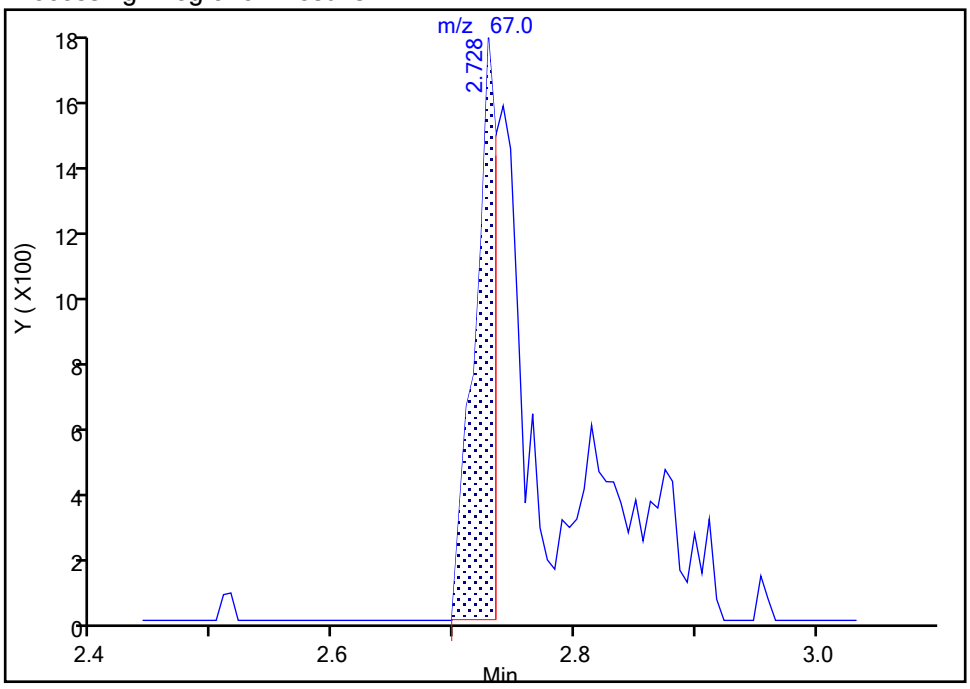
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

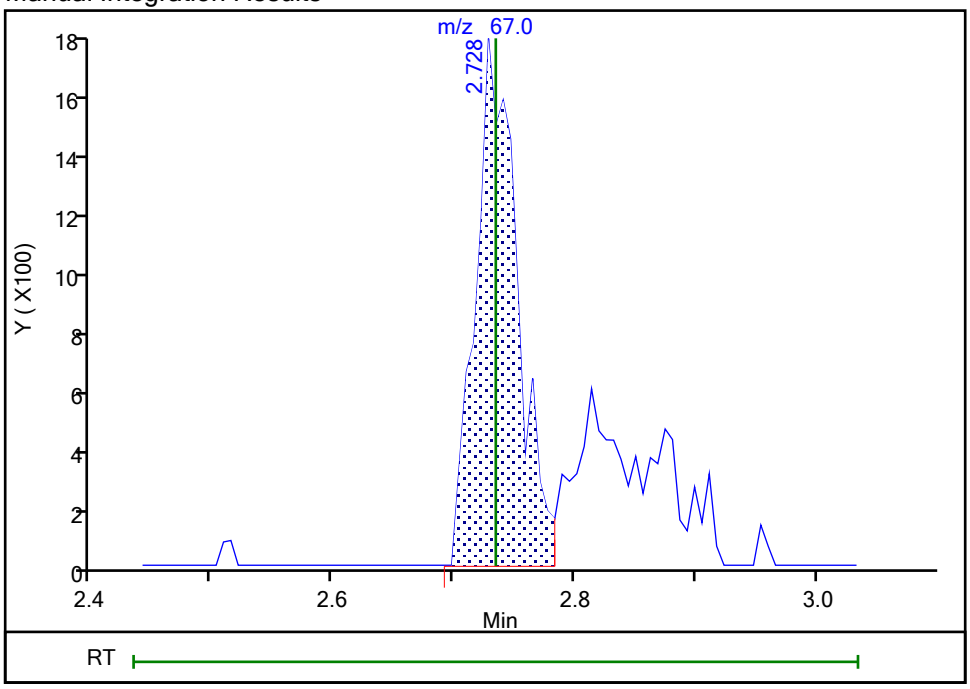
Processing Integration Results

RT: 2.73
Area: 2206
Amount: 0.293173
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 4195
Amount: 0.550701
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

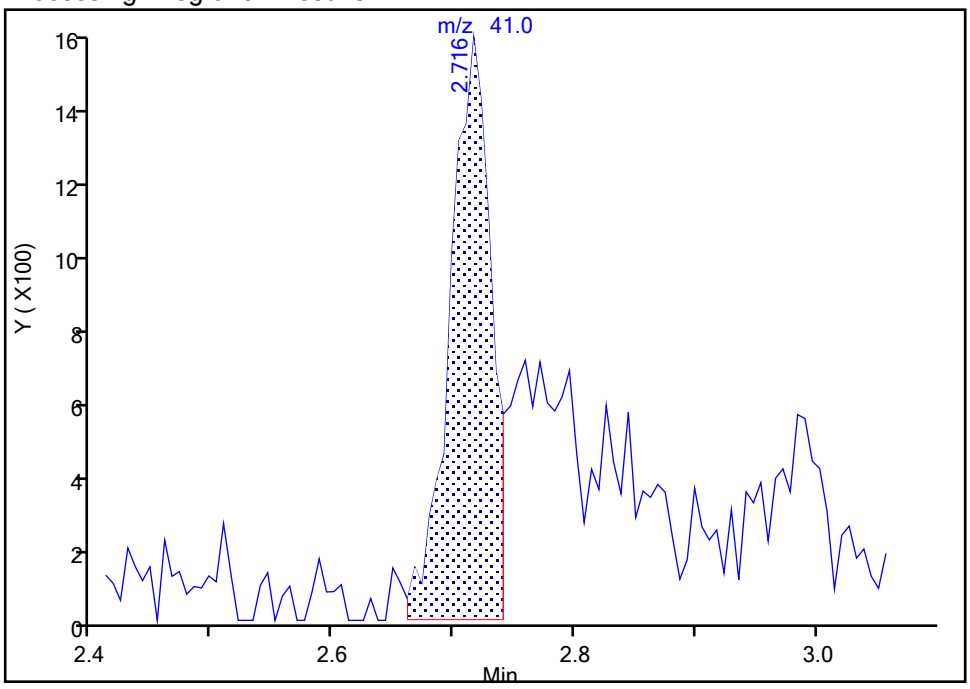
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

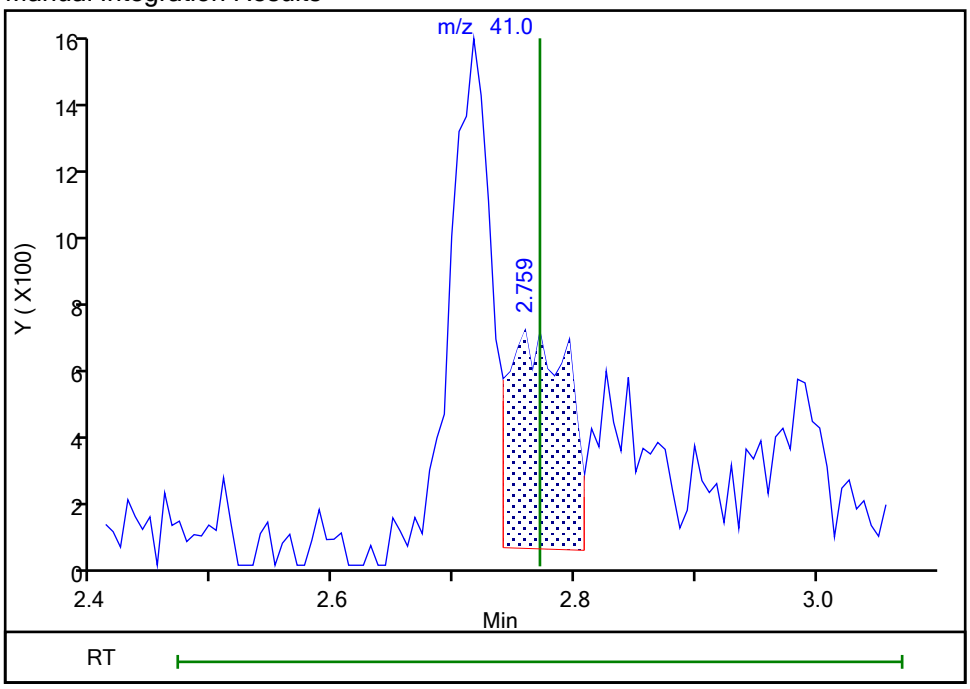
Processing Integration Results

RT: 2.72
Area: 3841
Amount: 6.194849
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 2358
Amount: 4.789629
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:42:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

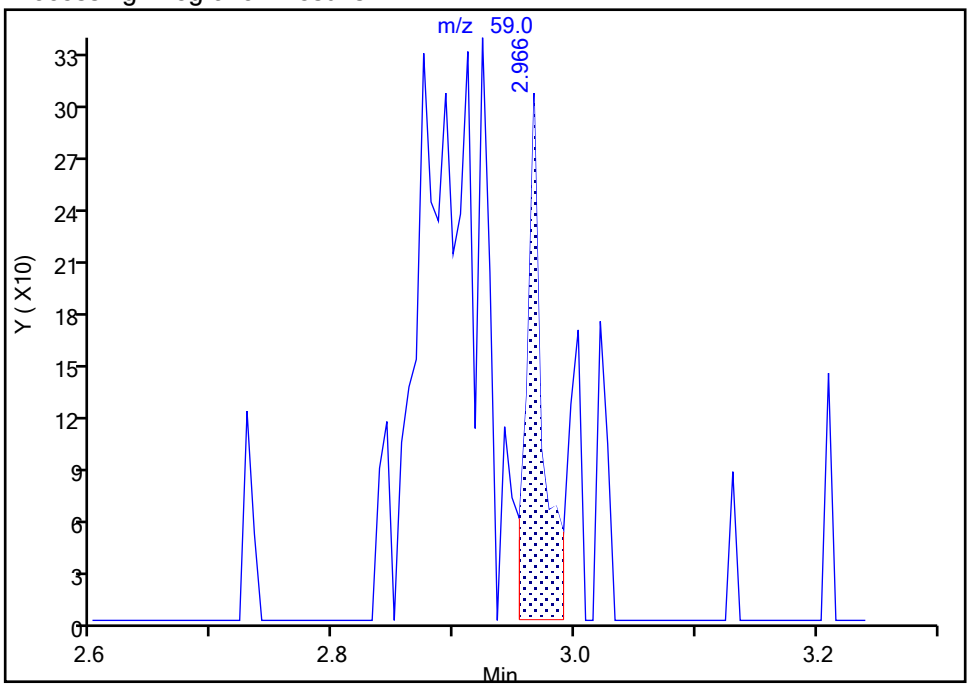
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

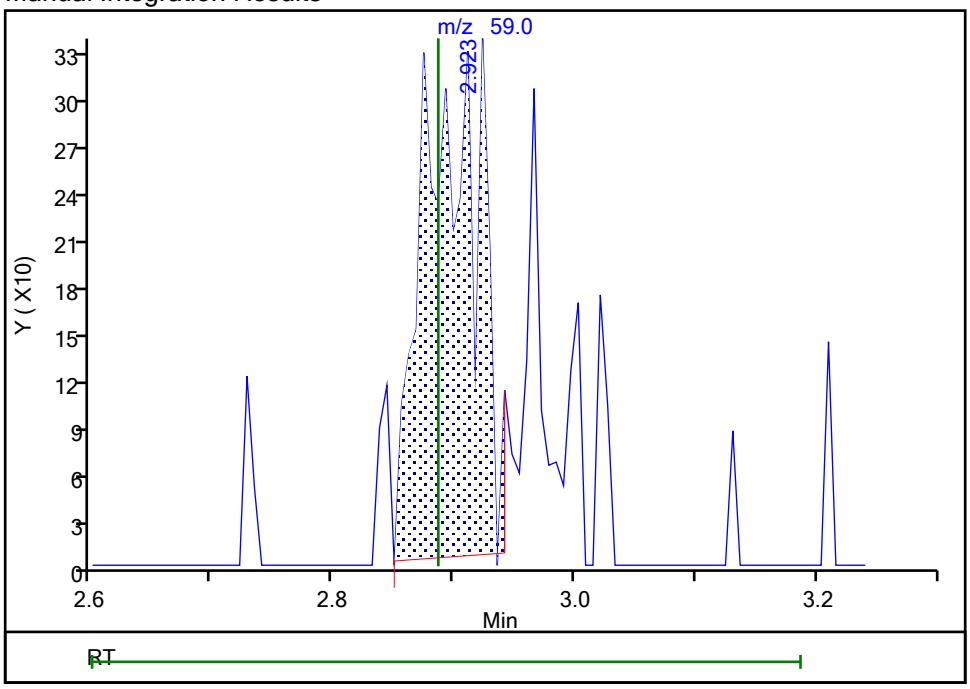
Processing Integration Results

RT: 2.97
Area: 284
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.92
Area: 1083
Amount: 4.078774
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

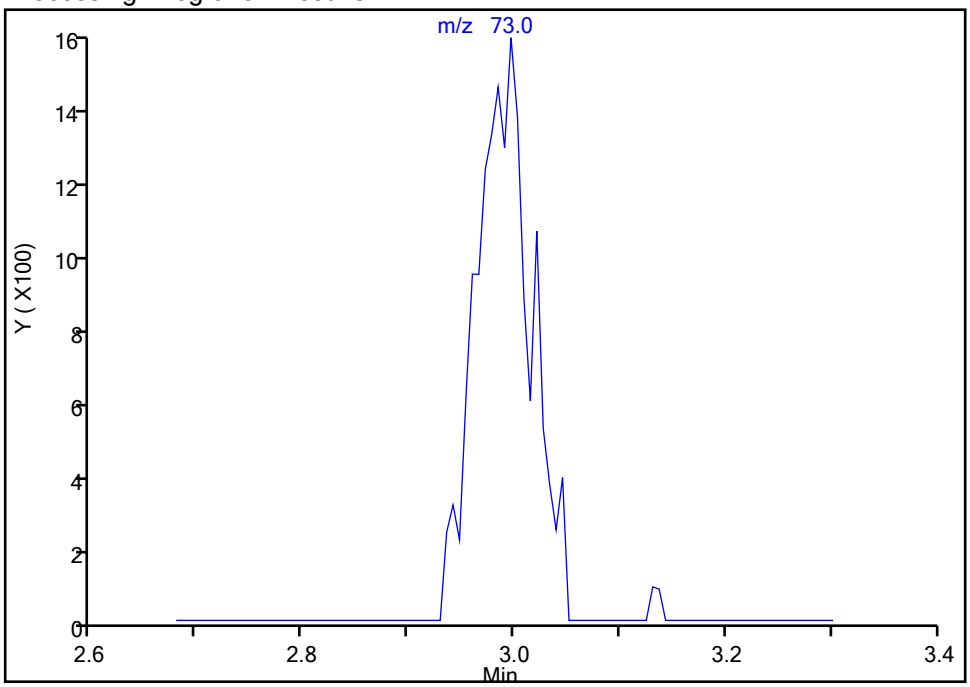
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

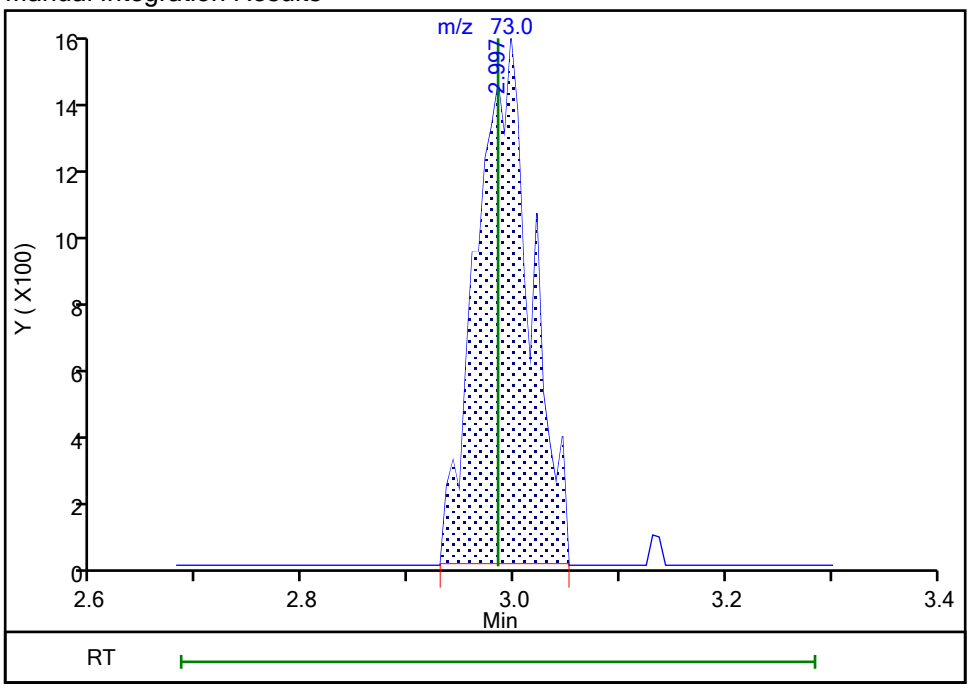
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 3.00
Area: 5738
Amount: 0.512753
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

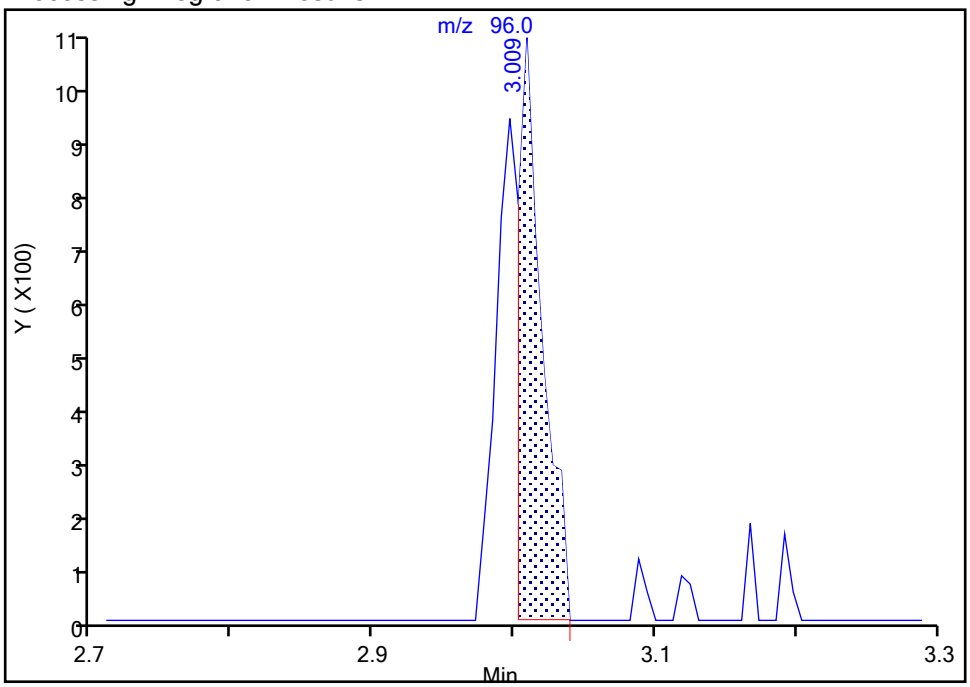
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

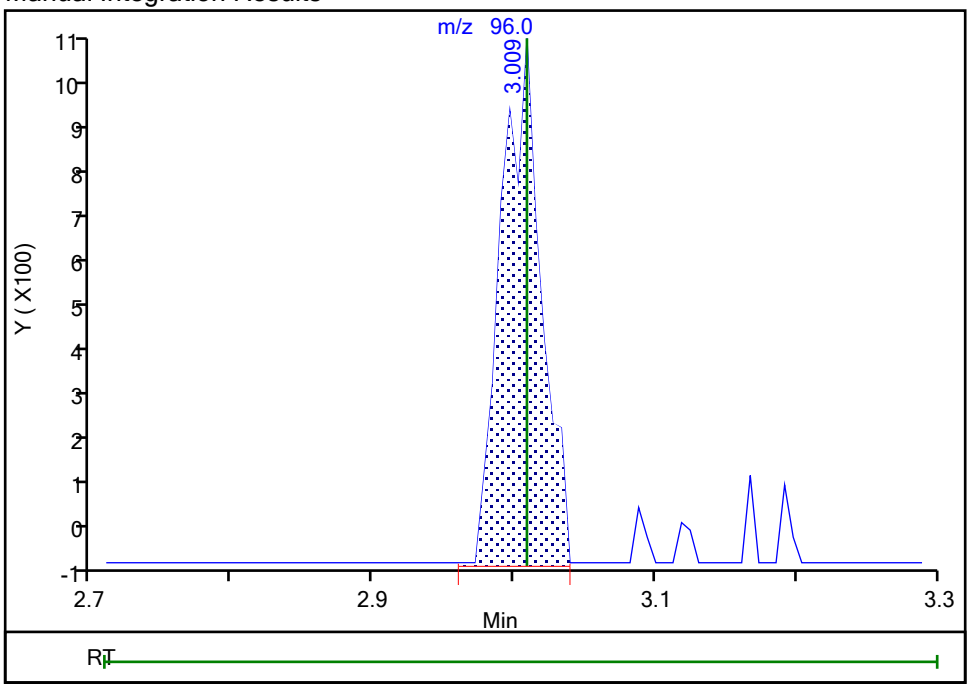
Processing Integration Results

RT: 3.01
Area: 1269
Amount: 0.295935
Amount Units: ug/l



Manual Integration Results

RT: 3.01
Area: 2083
Amount: 0.534093
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

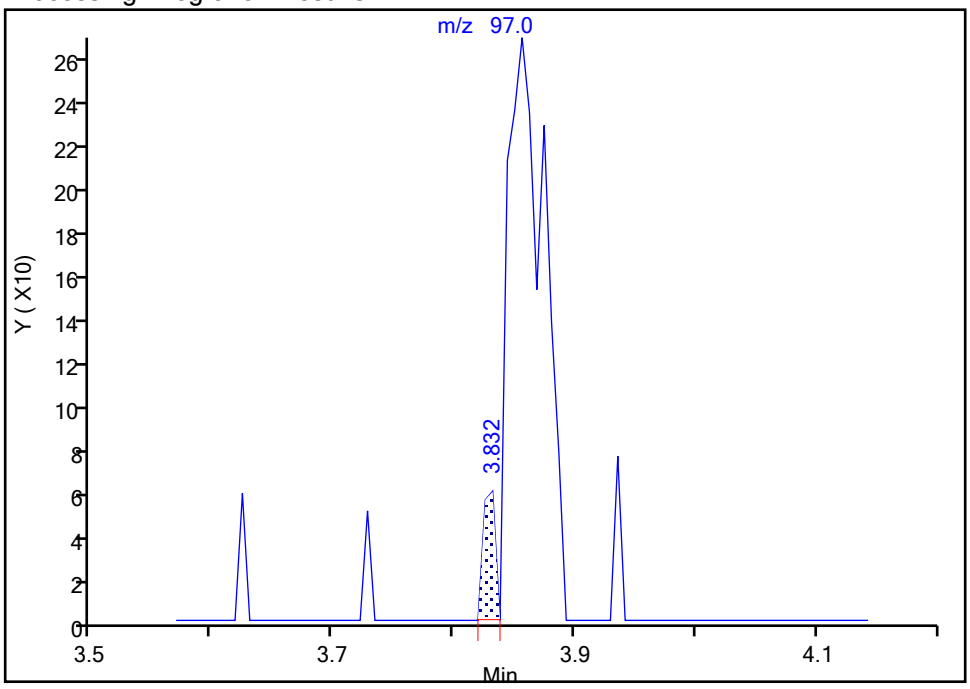
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

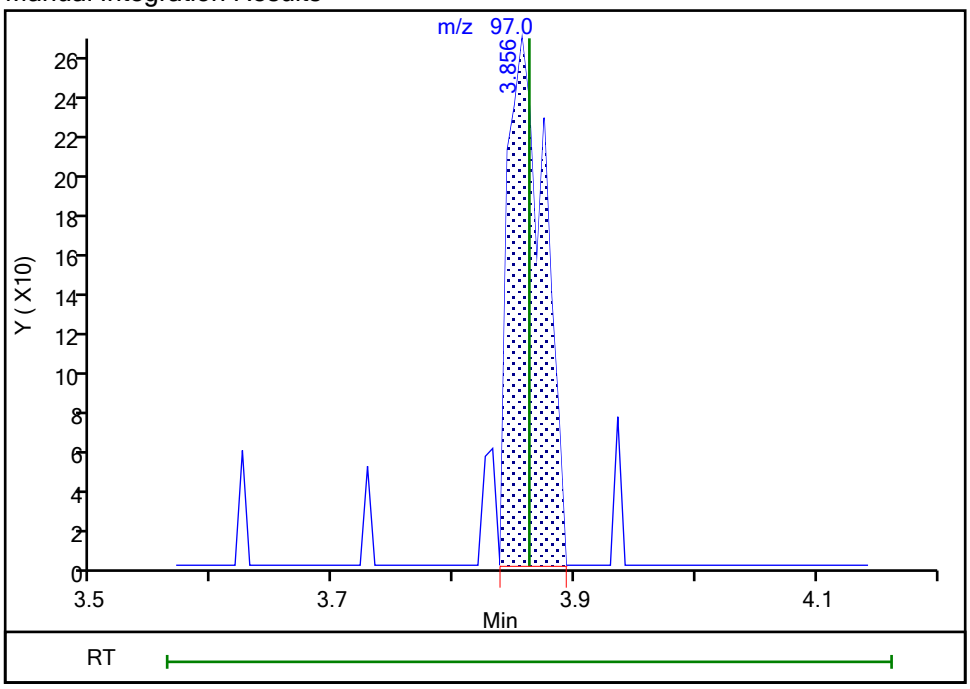
Processing Integration Results

RT: 3.83
Area: 42
Amount: 0.500000
Amount Units: ug/l



Manual Integration Results

RT: 3.86
Area: 560
Amount: 0.504043
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

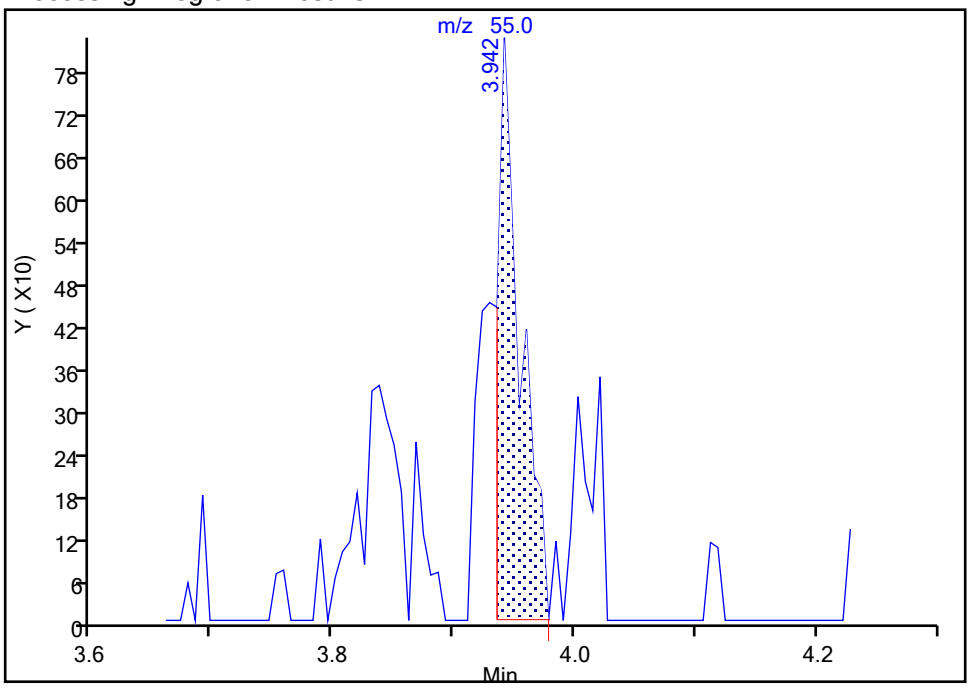
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

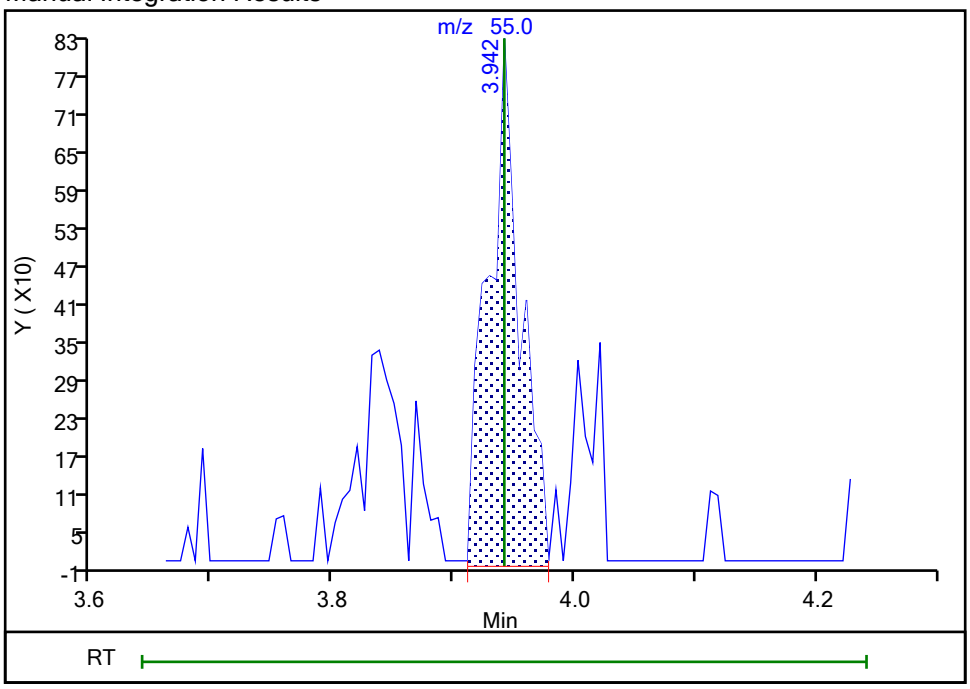
Processing Integration Results

RT: 3.94
Area: 1076
Amount: 0.391390
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 1543
Amount: 0.478318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

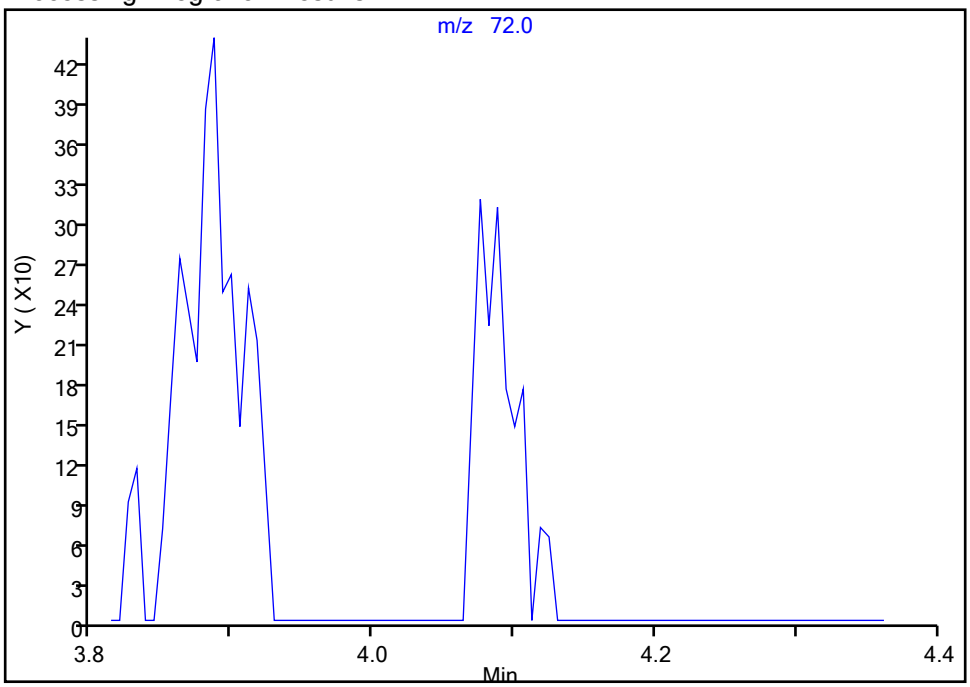
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

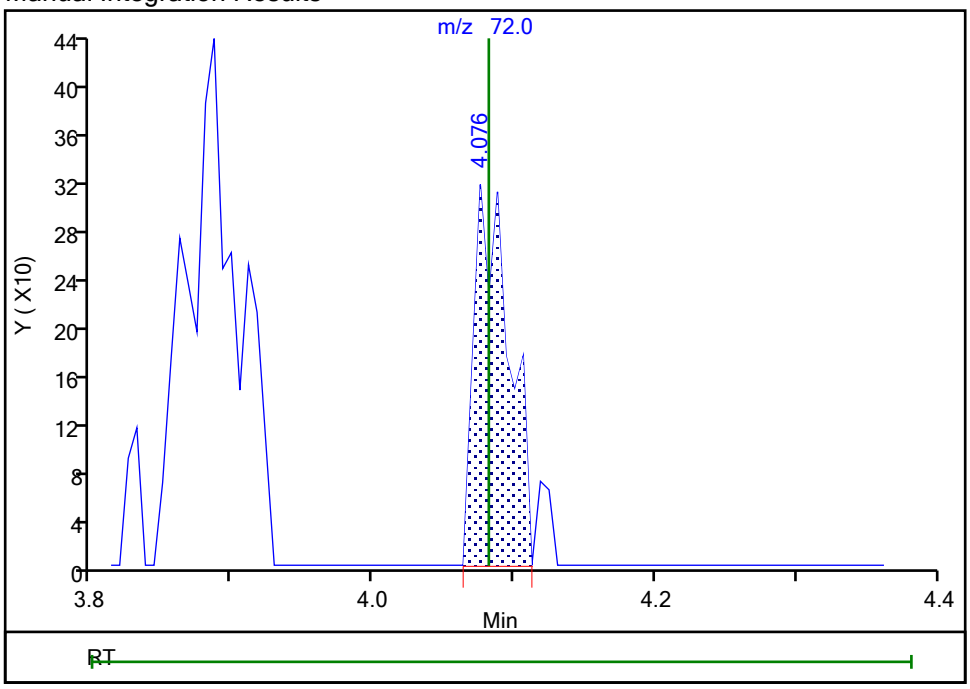
Not Detected
Expected RT: 4.08

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 543
Amount: 1.089094
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

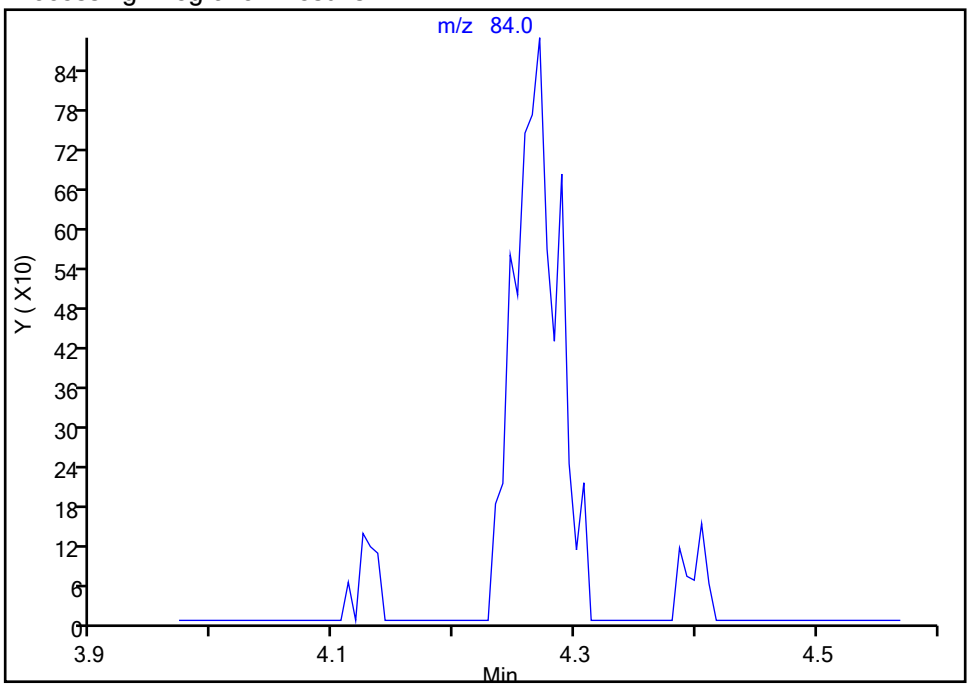
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

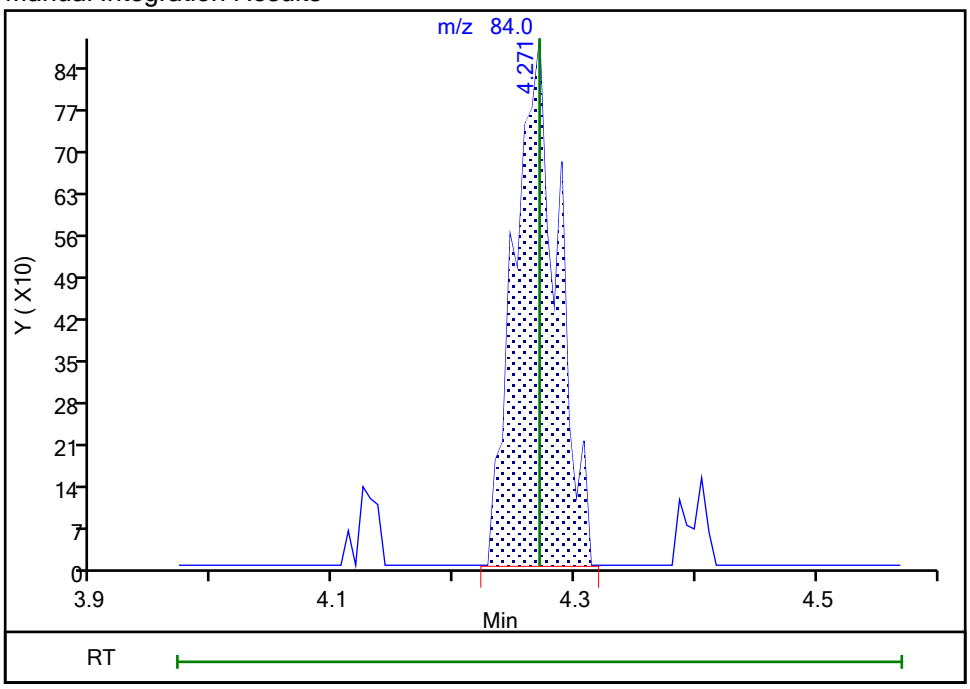
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.27
Area: 2212
Amount: 0.444021
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

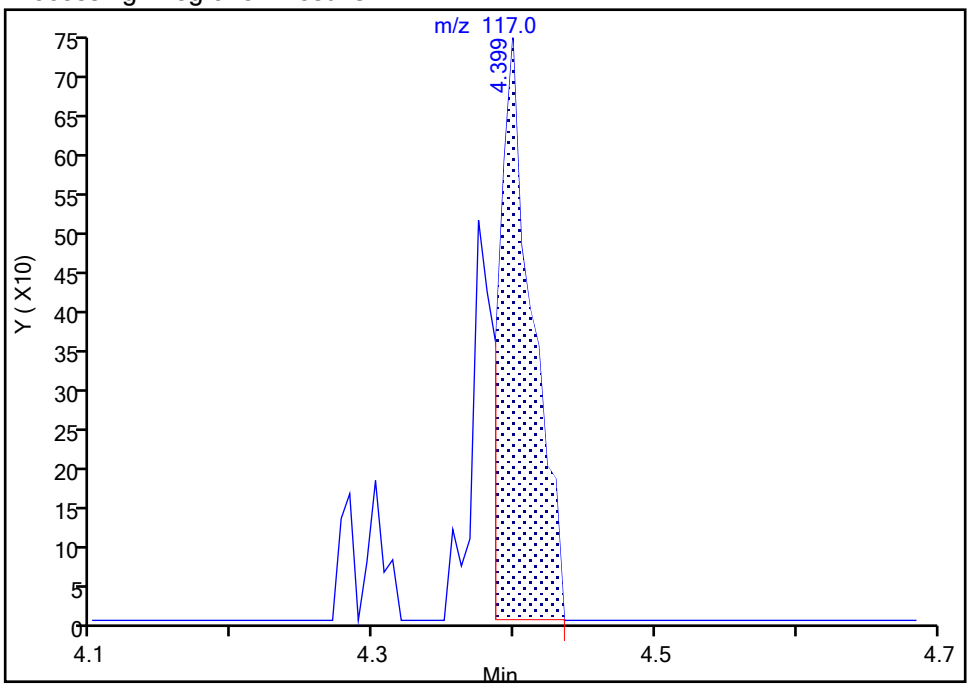
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

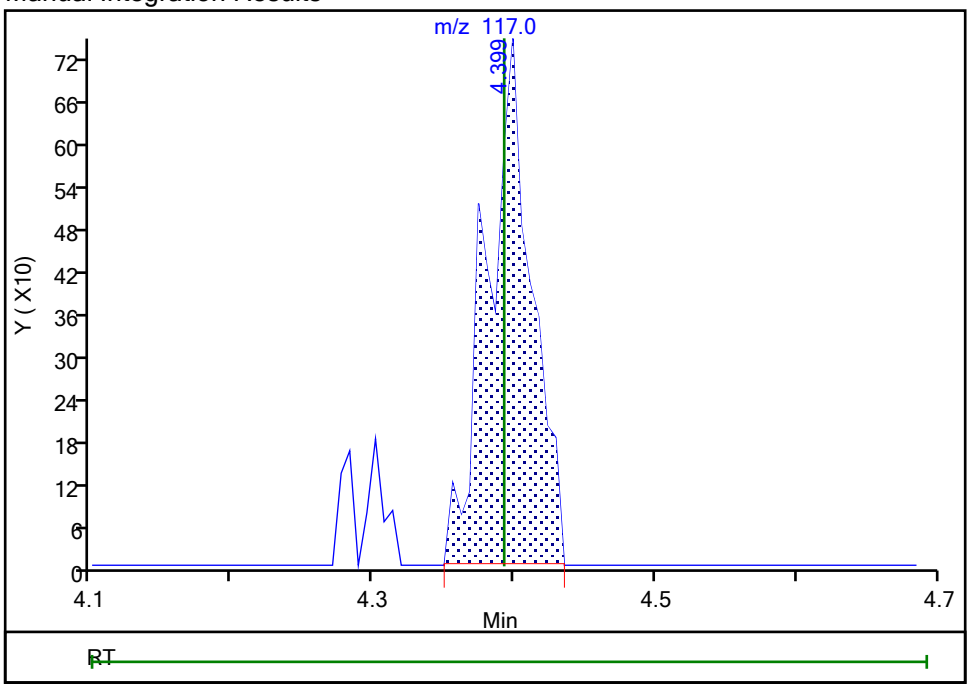
Processing Integration Results

RT: 4.40
Area: 1214
Amount: 0.410149
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 1653
Amount: 0.526950
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

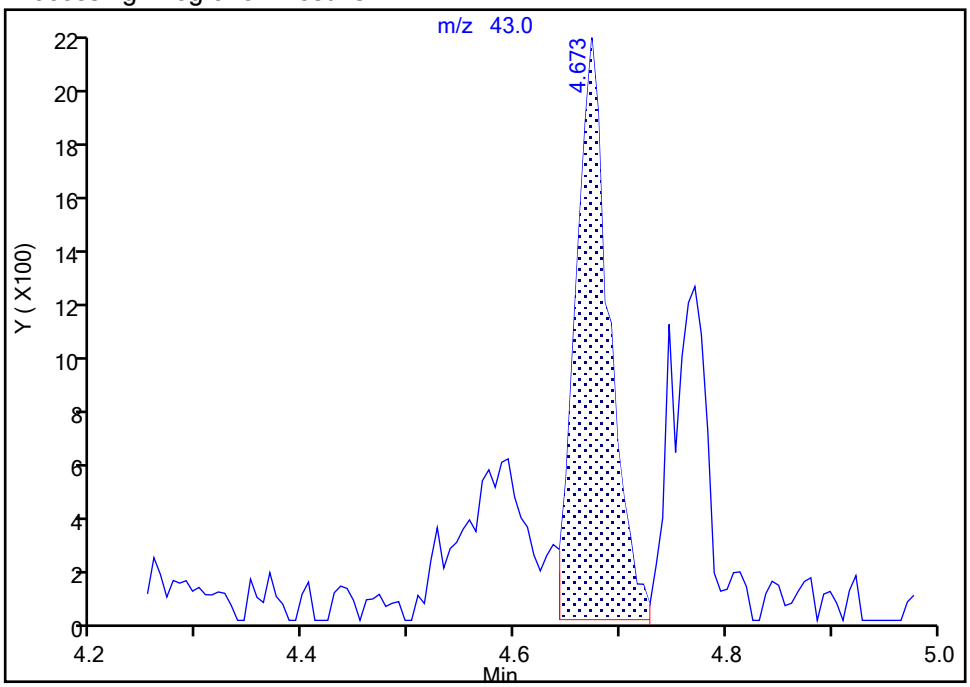
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

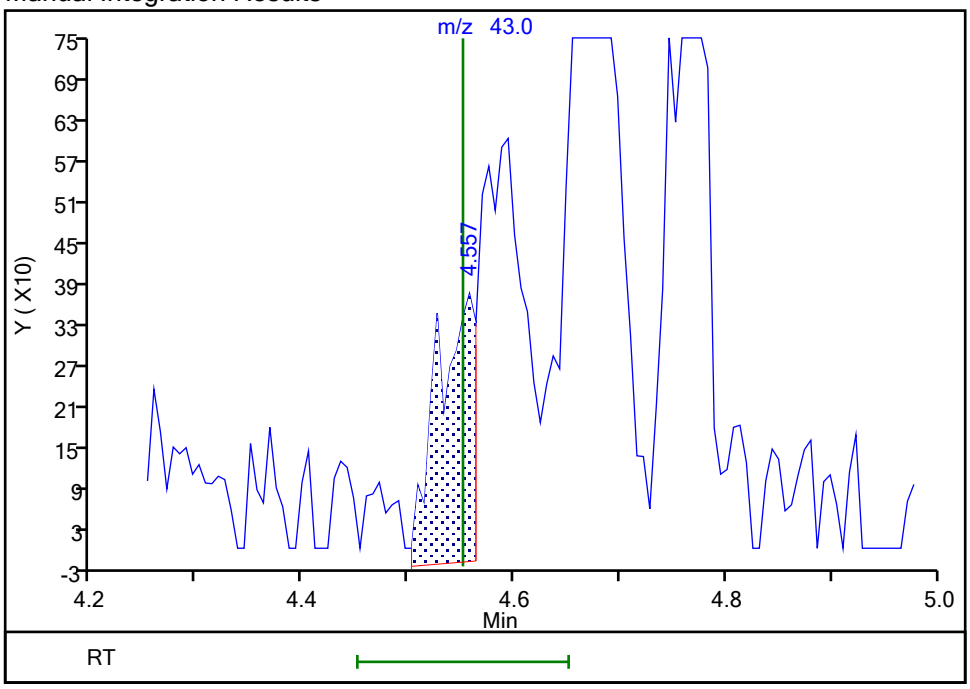
Processing Integration Results

RT: 4.67
Area: 4848
Amount: 30.110501
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 1012
Amount: 11.401889
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:34:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

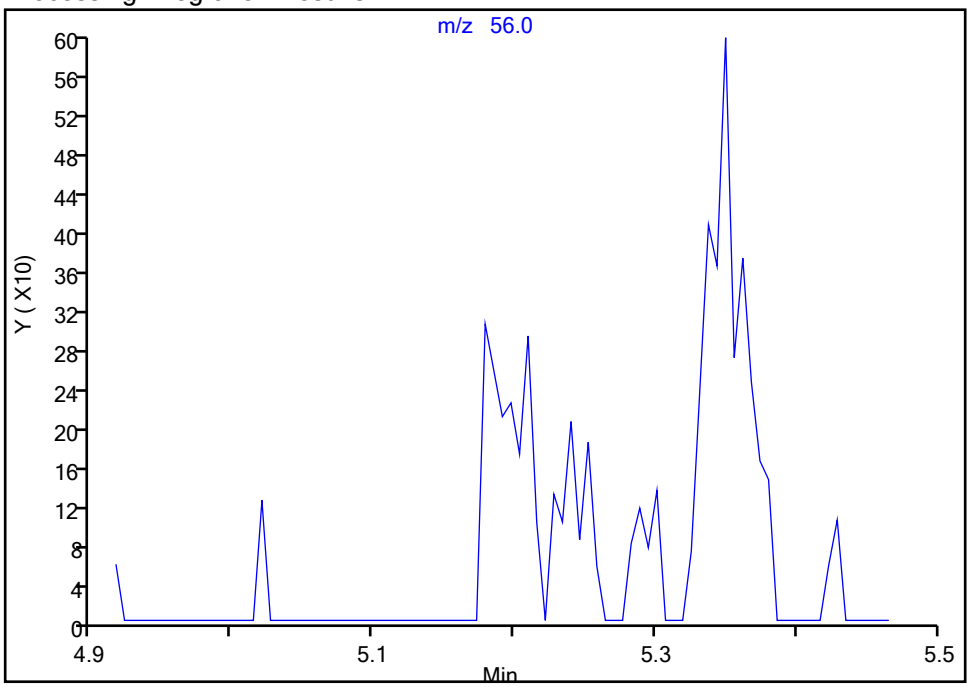
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

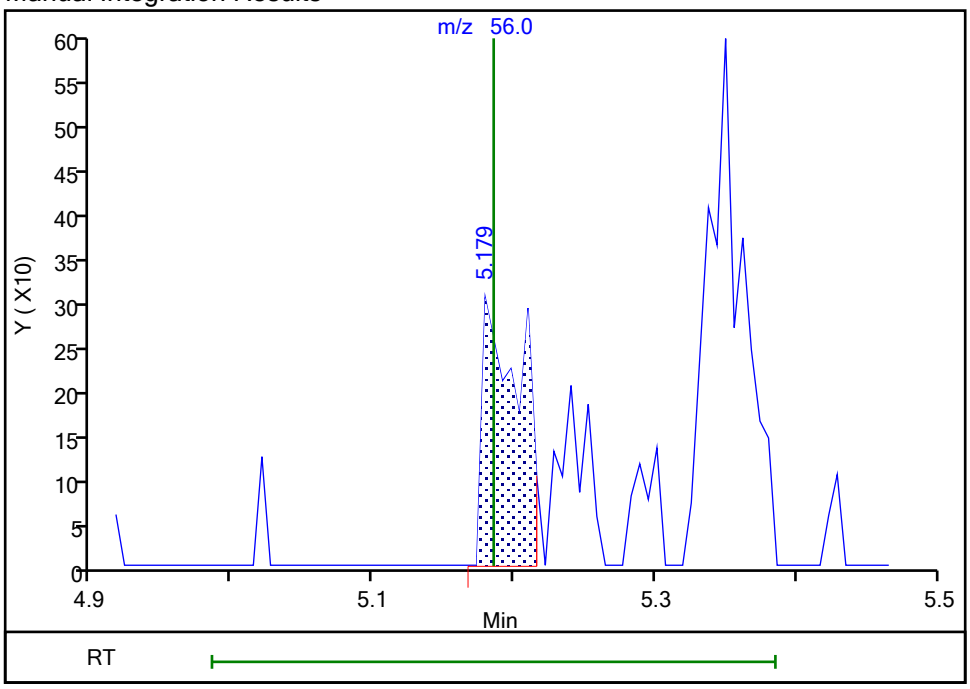
Not Detected
Expected RT: 5.19

Processing Integration Results



Manual Integration Results

RT: 5.18
Area: 564
Amount: 9.496150
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

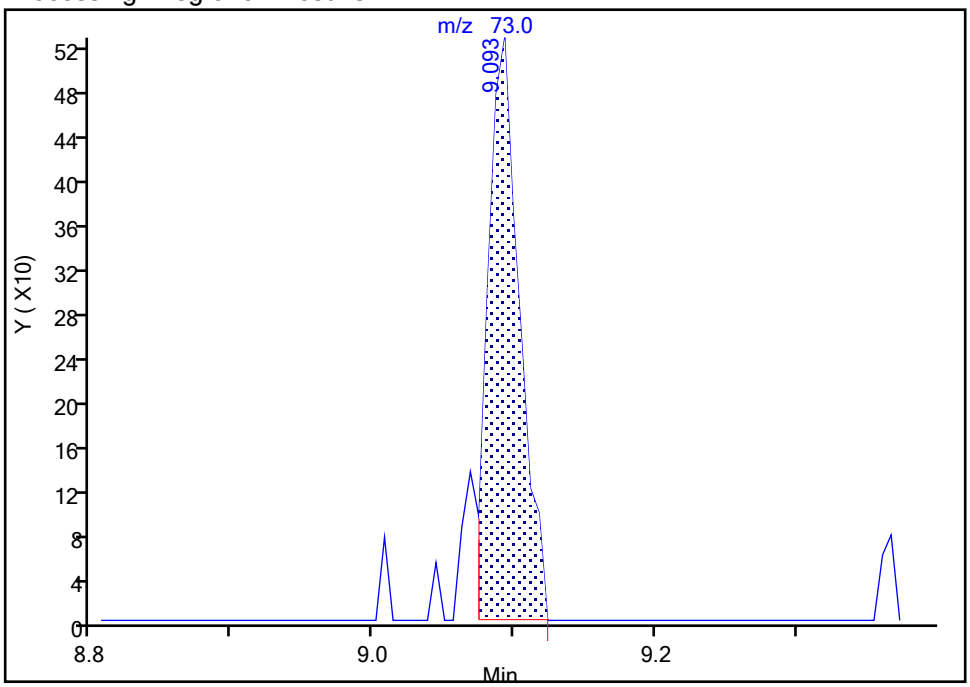
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

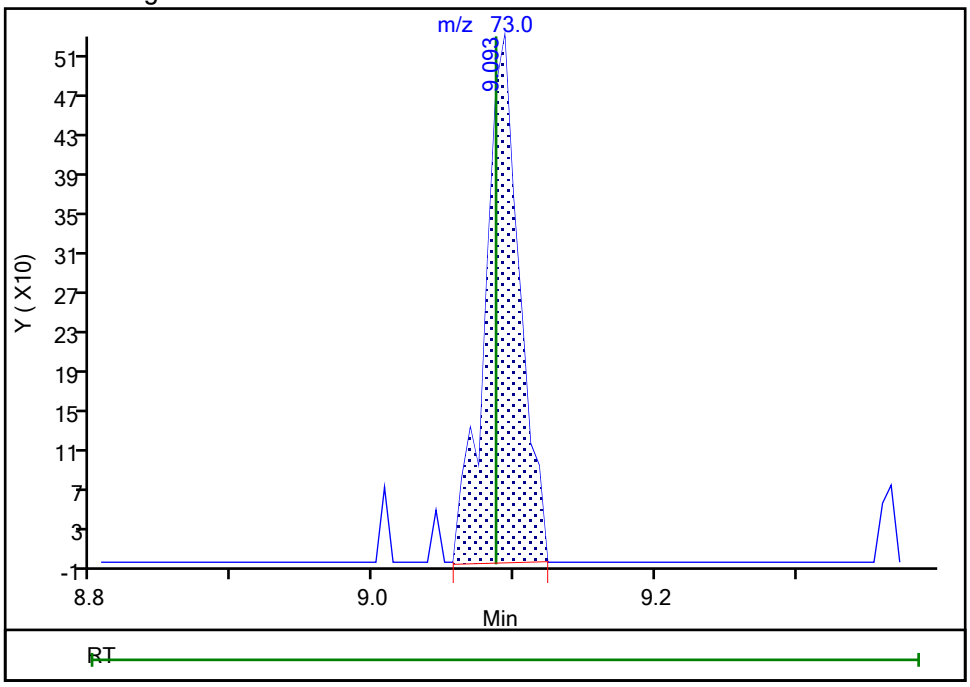
Processing Integration Results

RT: 9.09
Area: 814
Amount: 0.317831
Amount Units: ug/l



Manual Integration Results

RT: 9.09
Area: 893
Amount: 0.421318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

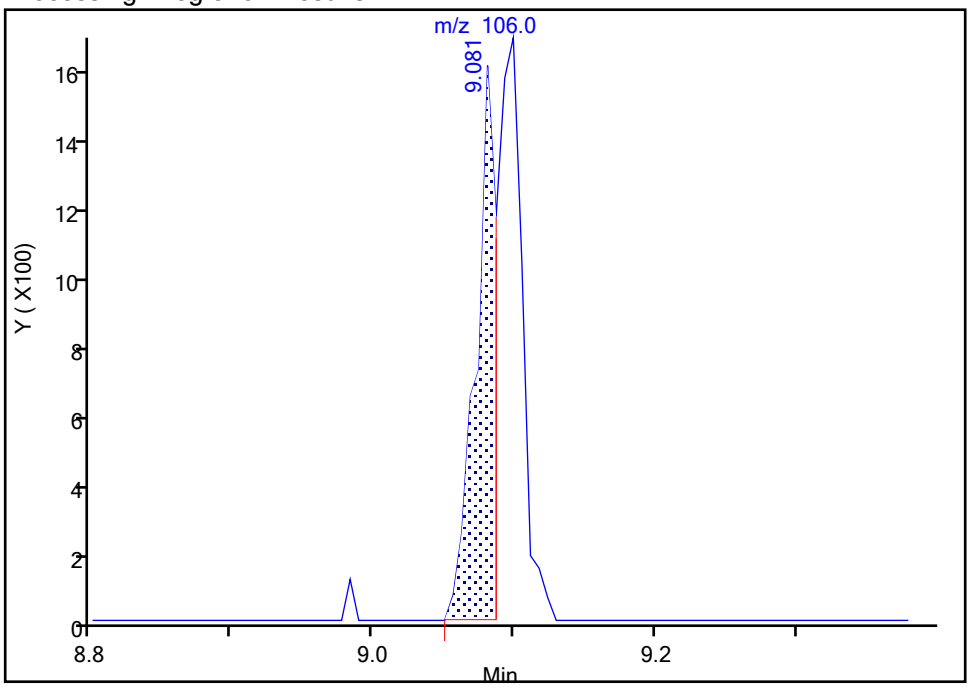
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

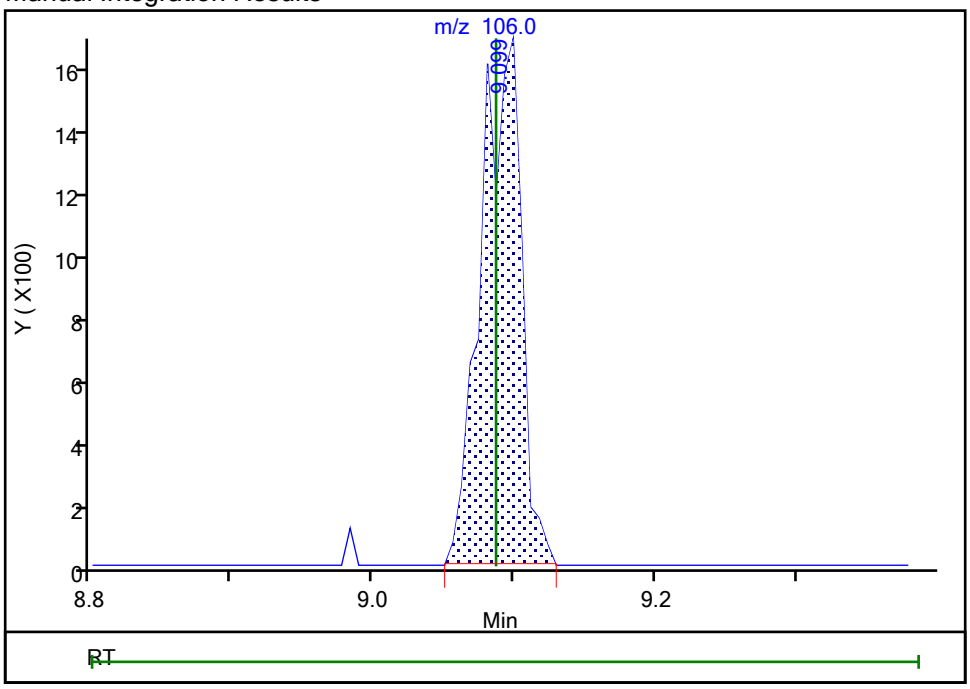
Processing Integration Results

RT: 9.08
Area: 1584
Amount: 0.267411
Amount Units: ug/l



Manual Integration Results

RT: 9.10
Area: 3238
Amount: 0.506956
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

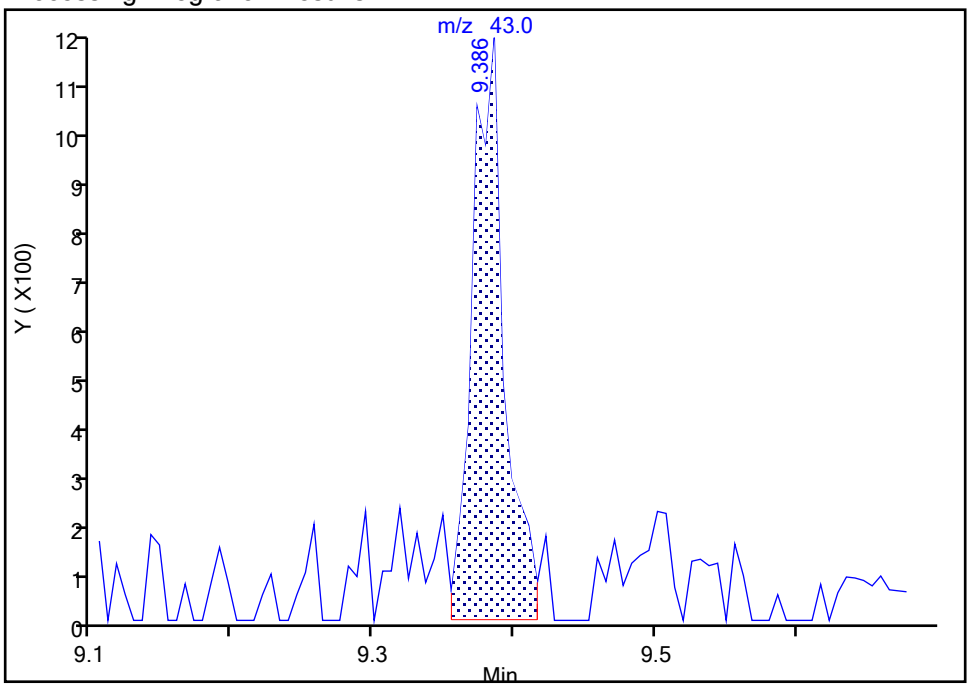
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

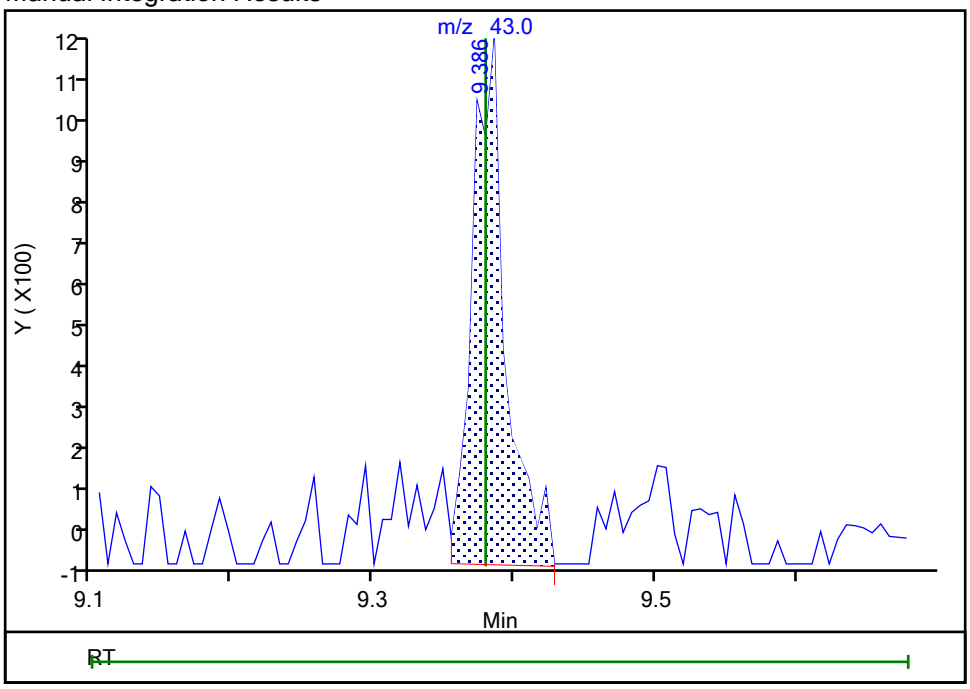
Processing Integration Results

RT: 9.39
Area: 1872
Amount: 0.286040
Amount Units: ug/l



Manual Integration Results

RT: 9.39
Area: 1937
Amount: 0.250808
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

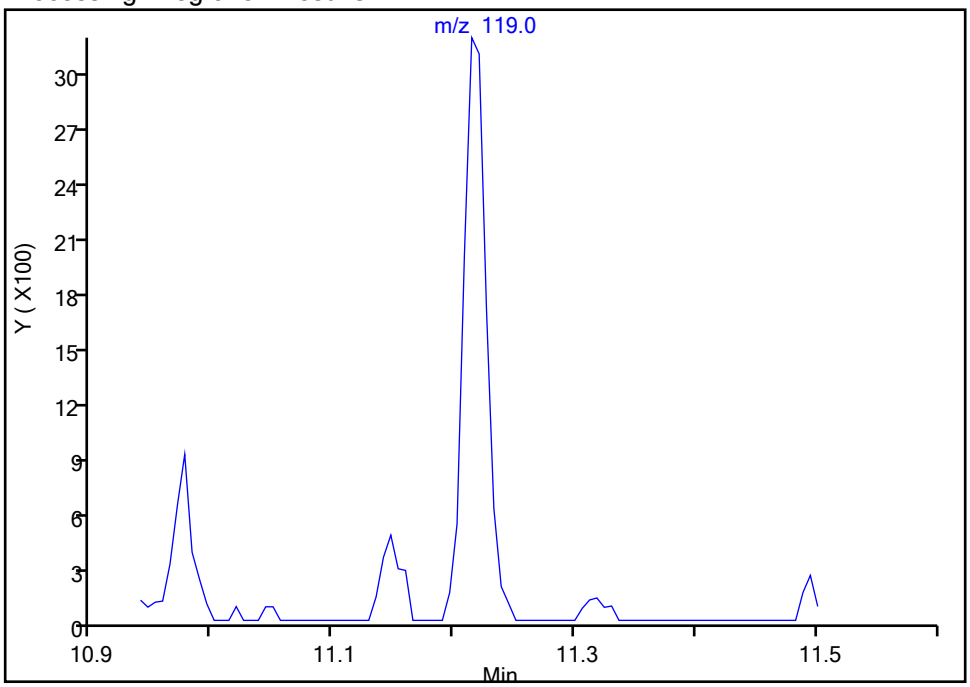
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

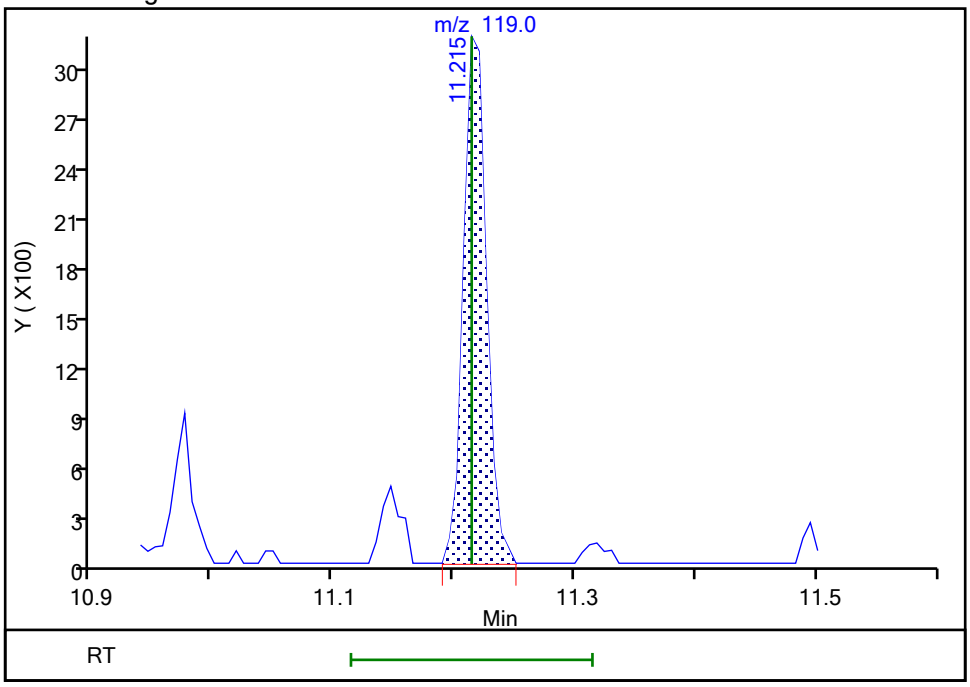
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.21
Area: 4207
Amount: 0.455304
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:50:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Aug-2024 08:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0180260-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:24:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	1	869	1.00	1.26	Ma
2 1,1-Difluoroethane	65	1.320	1.320	0.000	71	2330	1.00	1.25	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	29	4394	1.00	0.99	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	61	1301	1.00	2.45	
6 Chloromethane	50	1.491	1.491	0.000	98	5369	1.00	1.01	
7 Vinyl chloride	62	1.558	1.558	0.000	45	5188	1.00	1.11	
8 Butadiene	54	1.576	1.570	0.006	70	3511	1.00	0.8023	
9 Bromomethane	94	1.808	1.820	-0.012	94	3393	1.00	1.03	M
10 Chloroethane	64	1.875	1.881	-0.006	96	3391	1.00	1.10	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	98	8846	1.00	1.13	M
12 Trichlorofluoromethane	101	2.052	2.052	0.000	53	4636	1.00	0.9837	
13 Pentane	72	2.070	2.070	0.000	97	1088	2.00	1.96	
14 Ethanol	46	2.222	2.234	-0.012	71	145	40.0	-132.6	
15 Ethyl ether	74	2.228	2.234	-0.006	92	4176	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	2.247	2.259	-0.012	84	3384	1.00	1.11	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	49	2794	1.00	0.9407	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	84	5905	1.00	1.13	
19 Acrolein	56	2.393	2.387	0.006	26	2032	4.00	3.21	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	48	3210	1.00	1.12	M
21 1,1-Dichloroethene	96	2.436	2.436	0.000	94	3972	1.00	1.14	
22 Acetone	43	2.503	2.497	0.006	80	5810	5.00	5.07	
23 Iodomethane	142	2.576	2.570	0.006	94	7177	1.00	1.20	M
25 Isopropyl alcohol	45	2.600	2.588	0.012	29	1737	10.0	10.6	Ma
24 Carbon disulfide	76	2.600	2.600	0.000	100	15045	1.00	1.21	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	89	2667	1.00	1.13	
27 Methyl acetate	43	2.728	2.722	0.006	93	6056	2.00	2.07	
28 Cyclopentene	67	2.740	2.734	0.006	92	8150	1.00	1.11	
29 Acetonitrile	41	2.771	2.771	0.000	20	4940	10.0	9.97	Ma
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	40334	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	35	4512	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	28	3179	10.0	12.1	M
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	98	11405	1.00	1.06	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	4594	1.00	1.23	
35 Acrylonitrile	53	3.076	3.070	0.006	94	15505	10.0	10.7	
36 Hexane	57	3.155	3.155	0.000	92	4712	1.00	1.20	
37 Isopropyl ether	45	3.362	3.356	0.006	90	14858	1.00	1.15	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	98	7790	1.00	1.12	
39 Vinyl acetate	86	3.393	3.393	0.000	99	888	2.00	1.62	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	3649	1.00	1.16	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	12345	1.00	1.07	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	398180	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.862	-0.012	51	1071	1.00	1.00	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	98	4745	1.00	1.12	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	95	2506	5.00	5.99	
46 Ethyl acetate	70	3.911	3.887	0.024	91	939	2.00	2.56	a
47 Methyl acrylate	55	3.941	3.941	0.000	71	2978	1.00	0.9620	
48 Propionitrile	54	4.009	4.009	-0.001	98	5490	10.0	11.9	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	1289	2.00	2.57	
49 Chlorobromomethane	128	4.094	4.088	0.006	92	2359	1.00	1.14	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	16180	10.0	11.1	
52 Chloroform	83	4.143	4.143	0.000	97	6906	1.00	1.12	
53 Cyclohexane	84	4.271	4.271	0.000	31	5690	1.00	1.19	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	35	5153	1.00	1.13	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	181380	50.0	50.9	
56 Carbon tetrachloride	117	4.393	4.393	0.000	87	3168	1.00	1.05	M
57 1,1-Dichloropropene	75	4.423	4.423	0.000	91	5590	1.00	1.19	
58 Isobutyl alcohol	43	4.551	4.551	0.000	61	1897	25.0	21.6	a
59 Isooctane	57	4.582	4.582	0.000	93	12442	1.00	1.13	
60 Benzene	78	4.606	4.612	-0.006	94	16573	1.00	1.09	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209991	50.0	49.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	84	12811	1.00	1.10	
63 Isopropyl acetate	61	4.685	4.673	0.012	83	2077	1.00	1.08	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	93	5332	1.00	1.11	
65 n-Heptane	100	4.764	4.771	-0.007	95	912	1.00	1.40	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	736870	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	55	1331	25.0	22.7	a
68 Trichloroethene	95	5.234	5.228	0.006	94	3835	1.00	1.10	
69 Methylcyclohexane	83	5.356	5.356	0.000	84	6312	1.00	1.16	
70 Ethyl acrylate	99	5.362	5.356	0.006	93	572	1.00	0.9874	M
71 1,2-Dichloropropane	63	5.508	5.508	0.000	83	4091	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	31704	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	87	1554	2.00	1.89	
75 1,4-Dioxane	88	5.624	5.618	0.006	29	1575	50.0	45.7	a
74 Dibromomethane	93	5.630	5.630	0.000	90	2380	1.00	1.06	
76 n-Propyl acetate	43	5.648	5.648	0.000	90	5533	1.00	1.09	
77 Dichlorobromomethane	83	5.783	5.783	0.000	97	4020	1.00	0.99	
78 2-Nitropropane	41	6.112	6.112	0.000	68	1552	2.00	3.33	M
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	78	2389	1.00	0.9851	
80 Epichlorohydrin	57	6.228	6.222	0.006	99	7074	20.0	20.9	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	93	5680	1.00	1.02	M
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	98	7382	5.00	5.29	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	704212	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	94	19692	1.00	1.20	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	96	4654	1.00	1.00	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	89	3243	1.00	0.6650	
87 1,1,2-Trichloroethane	83	7.154	7.142	0.012	91	3041	1.00	1.13	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	3865	1.00	1.13	
89 1,3-Dichloropropane	76	7.343	7.349	-0.006	92	6115	1.00	1.13	
90 2-Hexanone	43	7.422	7.423	0.000	97	12214	5.00	5.49	
91 n-Butyl acetate	43	7.544	7.544	0.000	96	4509	1.00	0.9155	
92 Chlorodibromomethane	129	7.581	7.575	0.006	92	2181	1.00	0.8514	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	2975	1.00	0.9856	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	522214	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	96	11076	1.00	1.16	
96 Ethylbenzene	106	8.410	8.410	0.000	98	5799	1.00	1.13	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	87	2815	1.00	1.01	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	7106	1.00	1.15	
99 o-Xylene	106	9.087	9.087	0.000	94	6687	1.00	1.06	
100 n-Butyl acrylate	73	9.087	9.087	0.000	52	1919	1.00	0.9187	
101 Styrene	104	9.129	9.123	0.006	97	9961	1.00	1.00	
102 Bromoform	173	9.361	9.367	-0.006	59	1080	1.00	0.9298	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	90	4819	1.00	0.6275	
104 Isopropylbenzene	105	9.538	9.532	0.006	95	15739	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	221049	50.0	50.3	
106 Bromobenzene	156	9.904	9.898	0.006	96	4078	1.00	0.9730	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	93	4012	1.00	0.99	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	21227	1.00	1.12	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	1129	1.00	0.9777	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.044	-0.006	26	849	1.00	0.9074	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	14409	1.00	1.08	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	16837	1.00	1.06	
113 1,3,5-Trimethylbenzene	105	10.202	10.196	0.006	92	14153	1.00	1.07	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	13067	1.00	1.02	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	93	2244	1.00	0.4403	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	11311	1.00	1.02	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	14259	1.00	1.04	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	98	18295	1.00	1.09	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	98	8524	1.00	1.04	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	15319	1.00	1.07	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	294482	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	86	8465	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	15778	1.00	1.06	
124 Benzyl chloride	91	11.086	11.086	0.000	96	4897	1.00	0.8487	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	15163	1.00	1.07	
126 p-Diethylbenzene	119	11.221	11.214	0.007	90	9256	1.00	1.01	a
127 n-Butylbenzene	92	11.245	11.239	0.006	96	8177	1.00	1.04	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	97	8807	1.00	1.09	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	14702	1.00	1.02	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	14	476	1.00	0.8385	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	92	6785	1.00	0.9884	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	92	7291	1.00	1.19	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	94	3796	1.00	1.20	
134 Naphthalene	128	12.775	12.775	0.000	99	15492	1.00	1.08	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	6761	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 137 Xylenes, Total	100				0		2.00	2.21	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.02	
S 140 Total BTEX	1				0		5.00	5.63	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
14DIOXINTER_00172	Amount Added:	30.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:21 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D

Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17

Lims ID: STD1

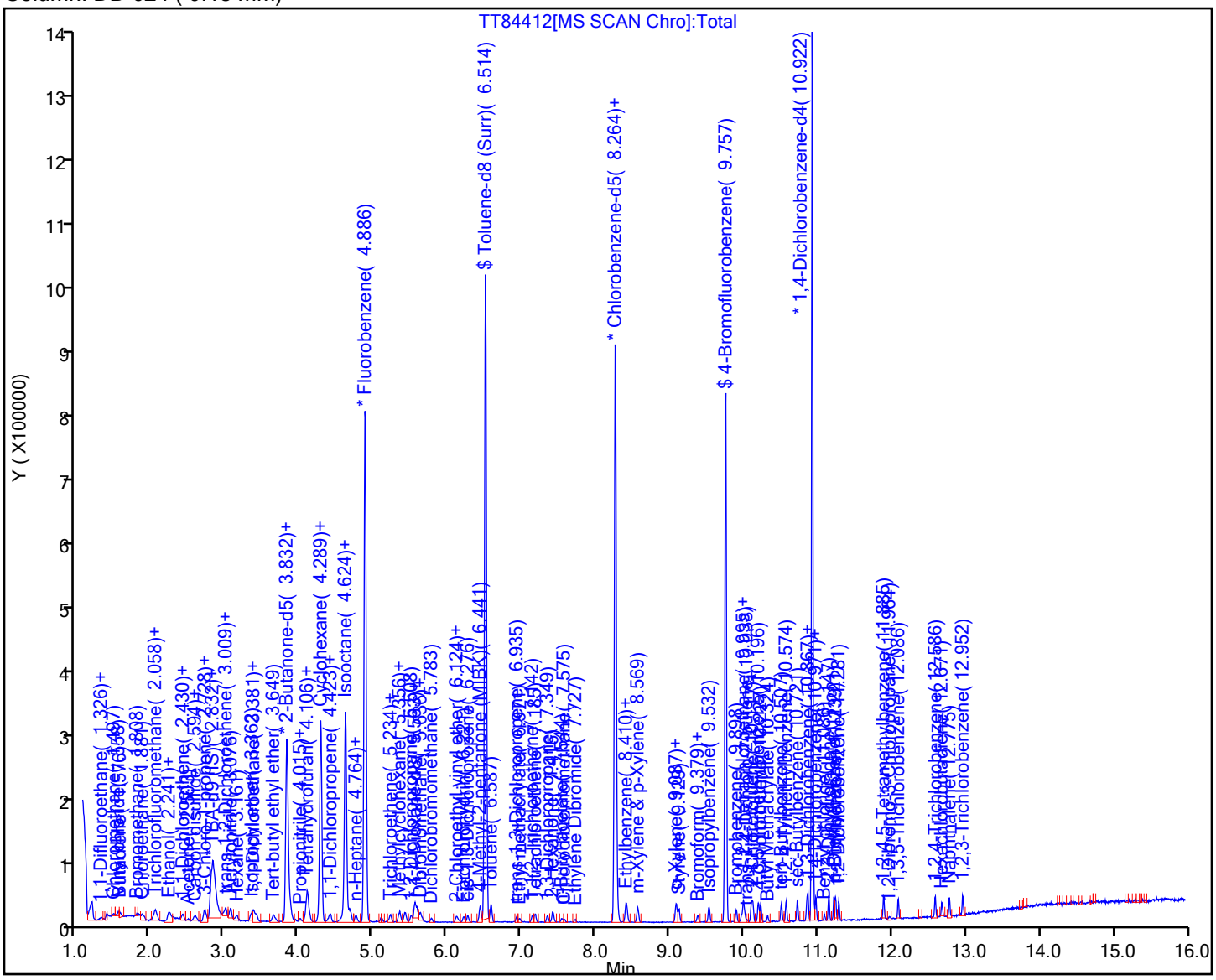
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

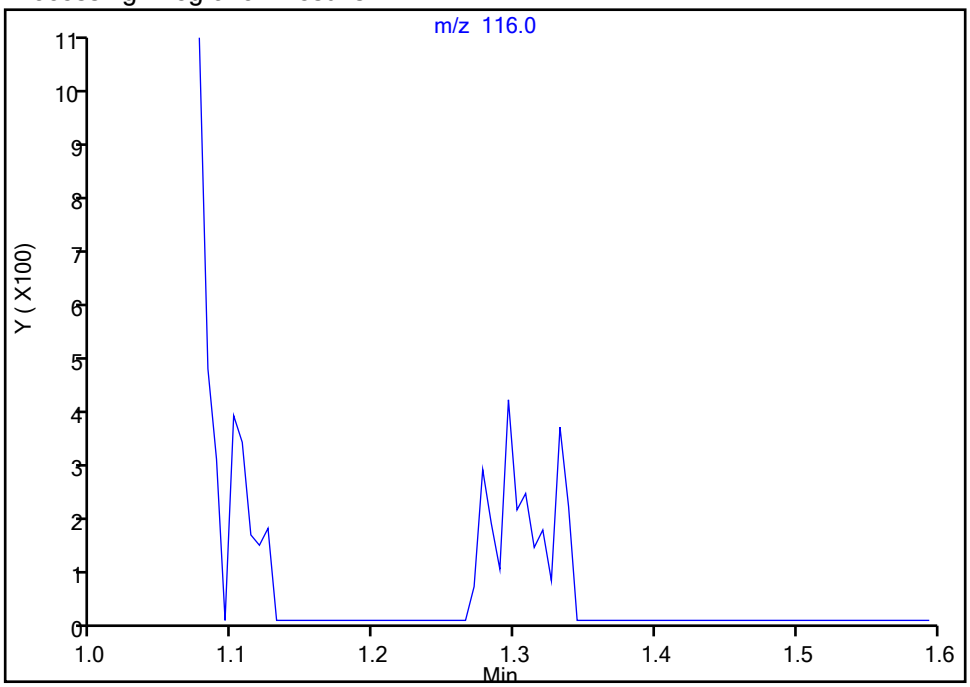
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

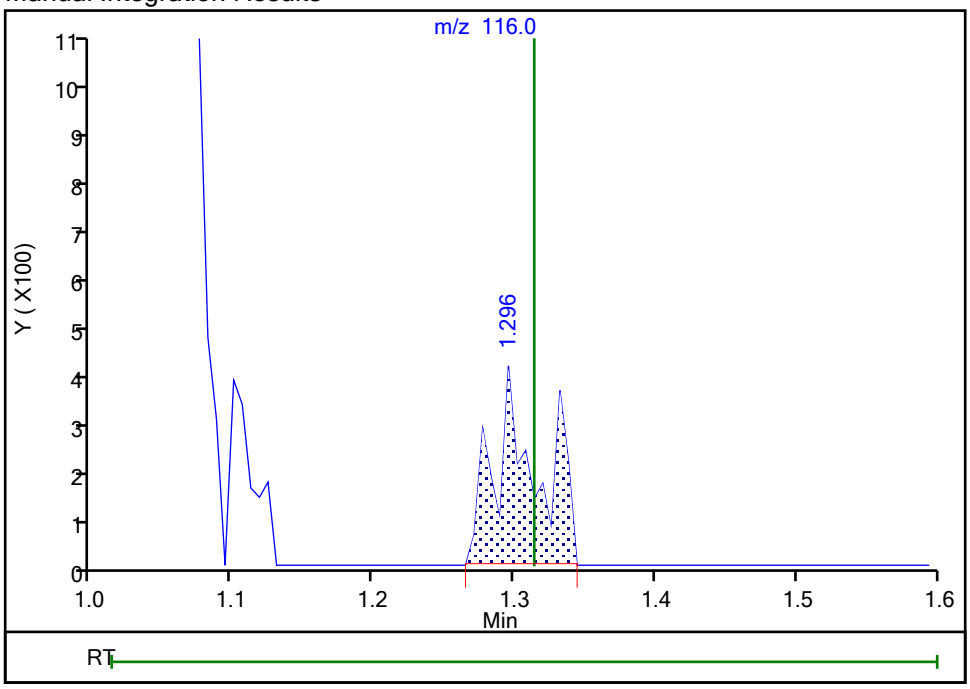
Not Detected
Expected RT: 1.31

Processing Integration Results



Manual Integration Results

RT: 1.30
Area: 869
Amount: 1.258878
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:05:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

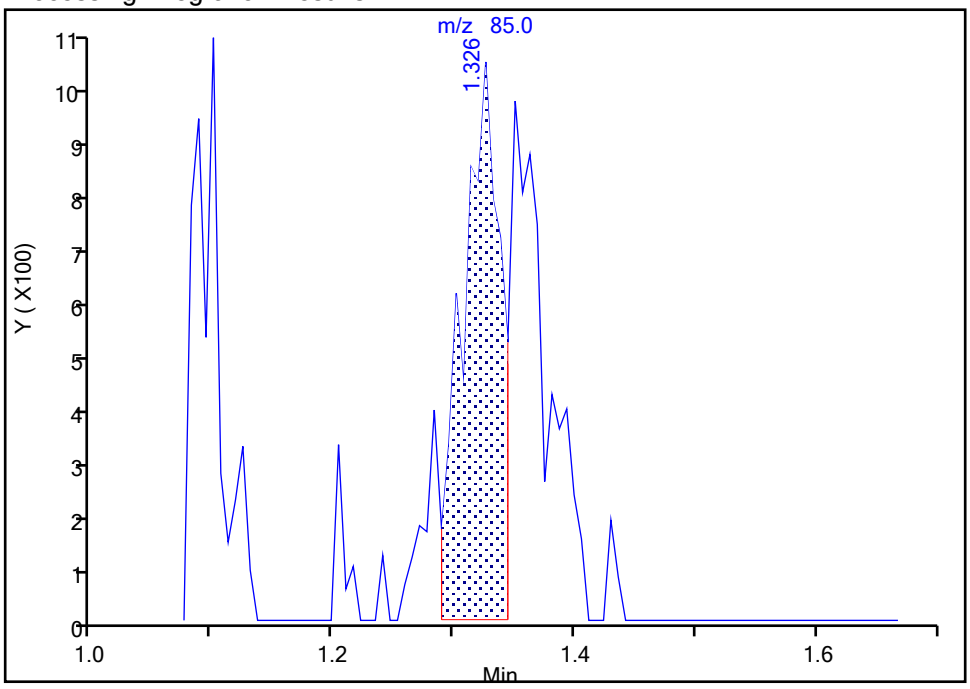
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

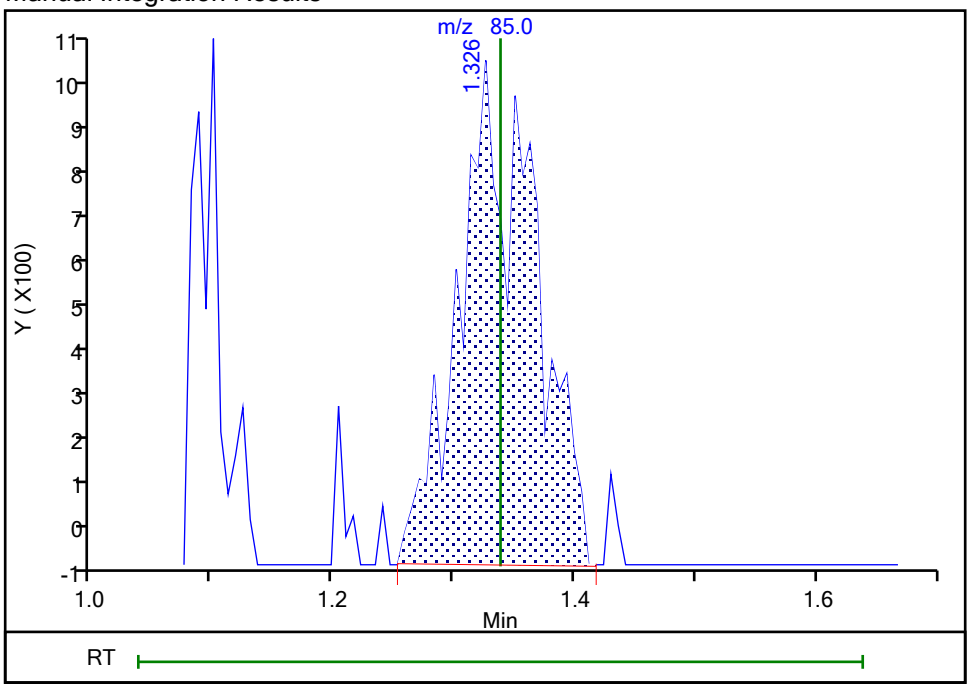
Processing Integration Results

RT: 1.33
Area: 2233
Amount: 1.060264
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 4394
Amount: 0.991763
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:41:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

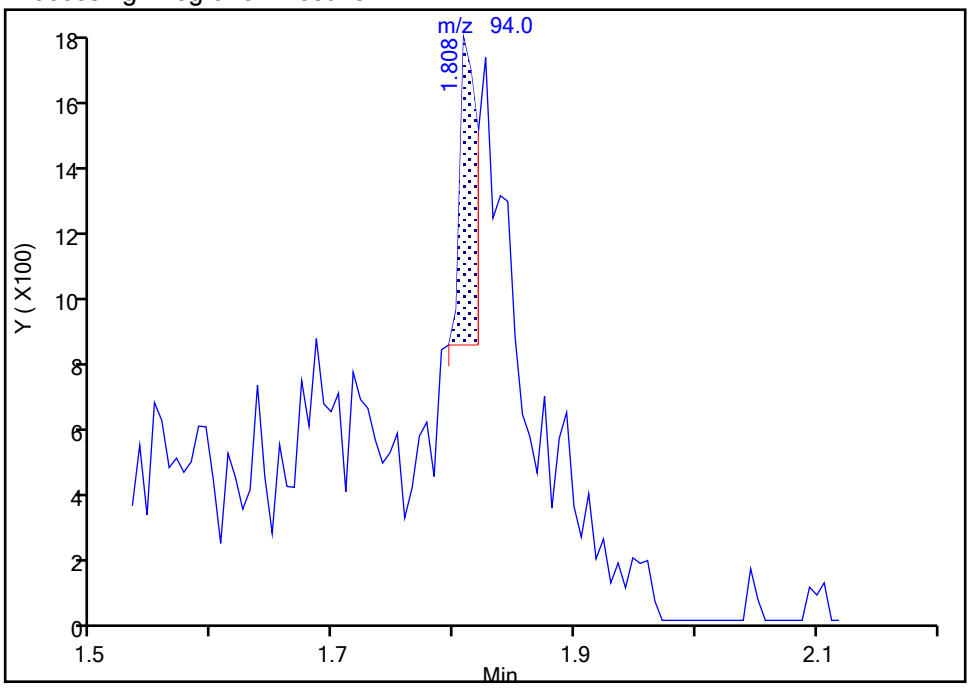
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

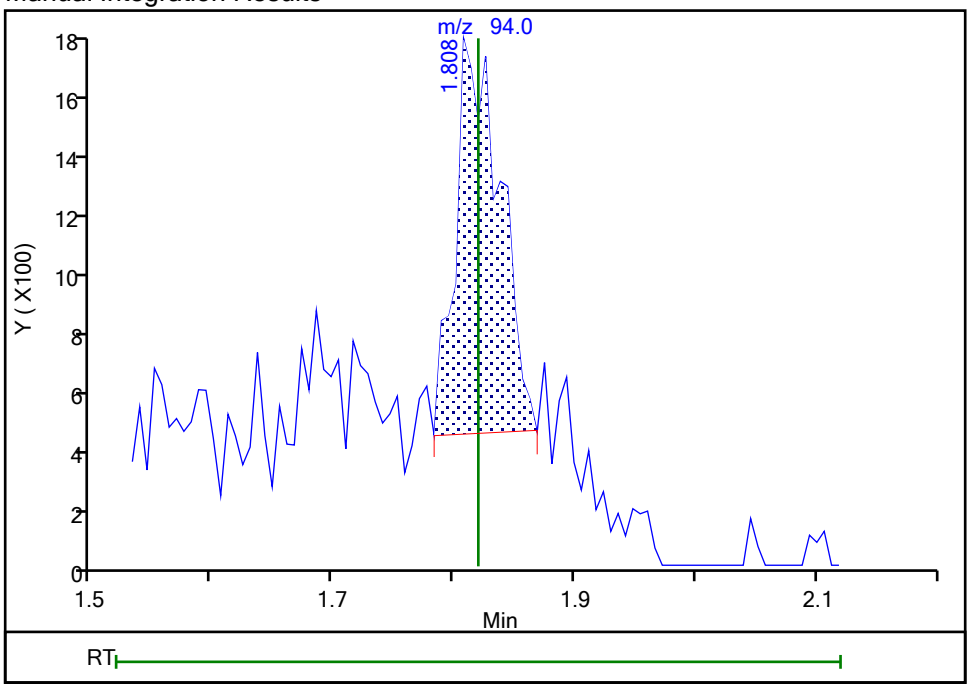
Processing Integration Results

RT: 1.81
Area: 921
Amount: 0.854896
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 3393
Amount: 1.031925
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

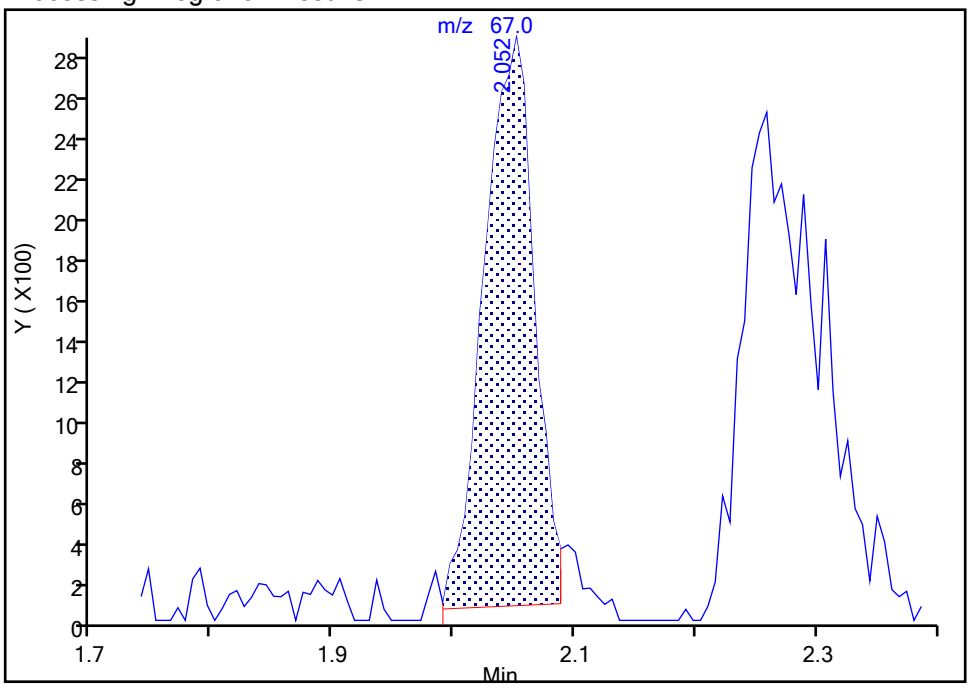
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

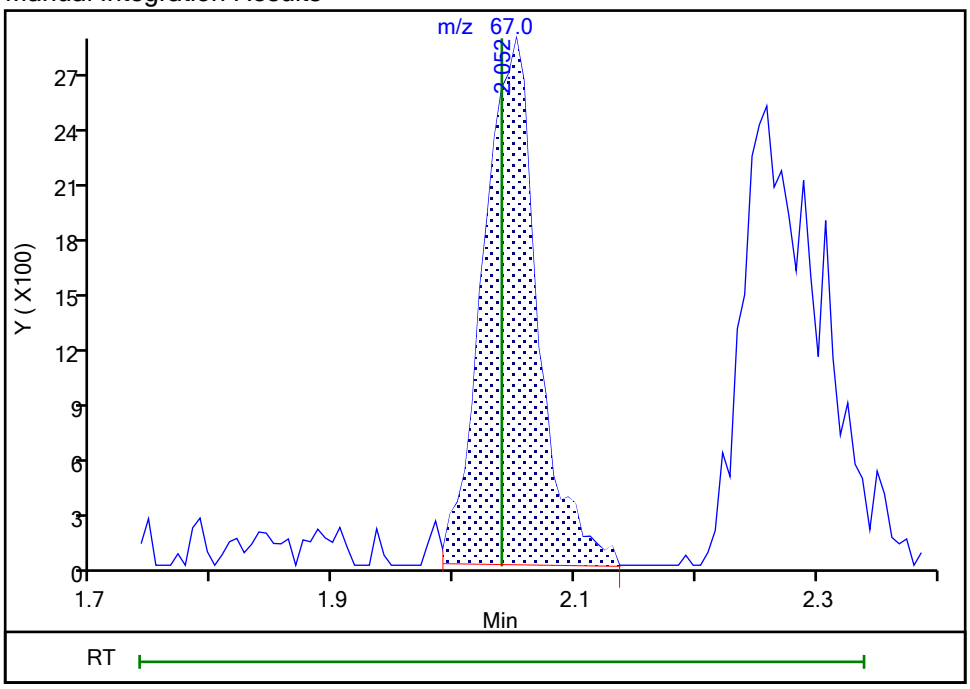
Processing Integration Results

RT: 2.05
Area: 7960
Amount: 0.980963
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 8846
Amount: 1.128337
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

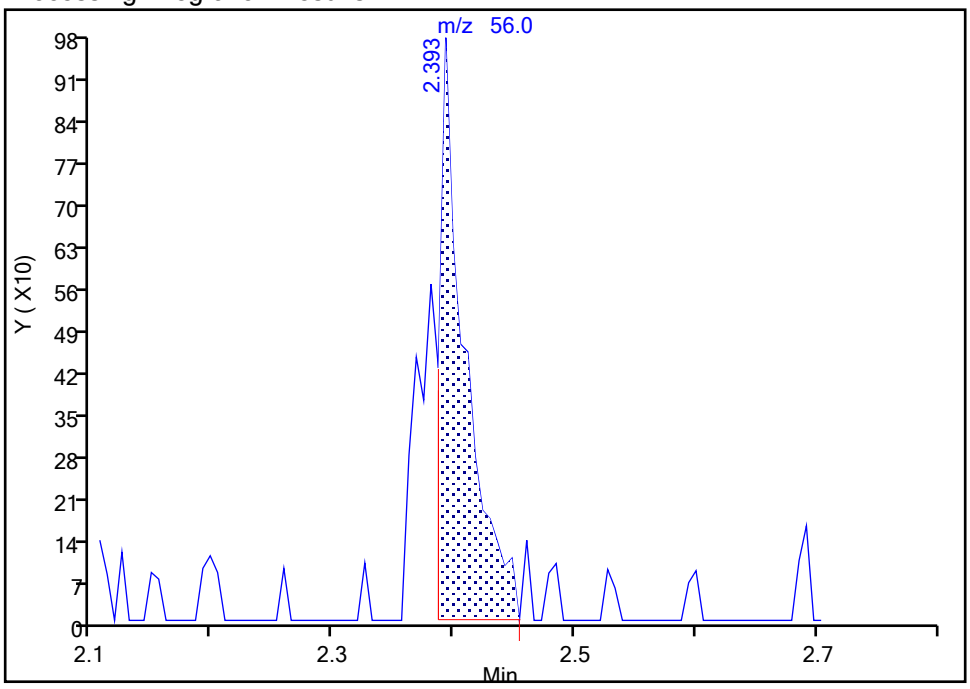
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

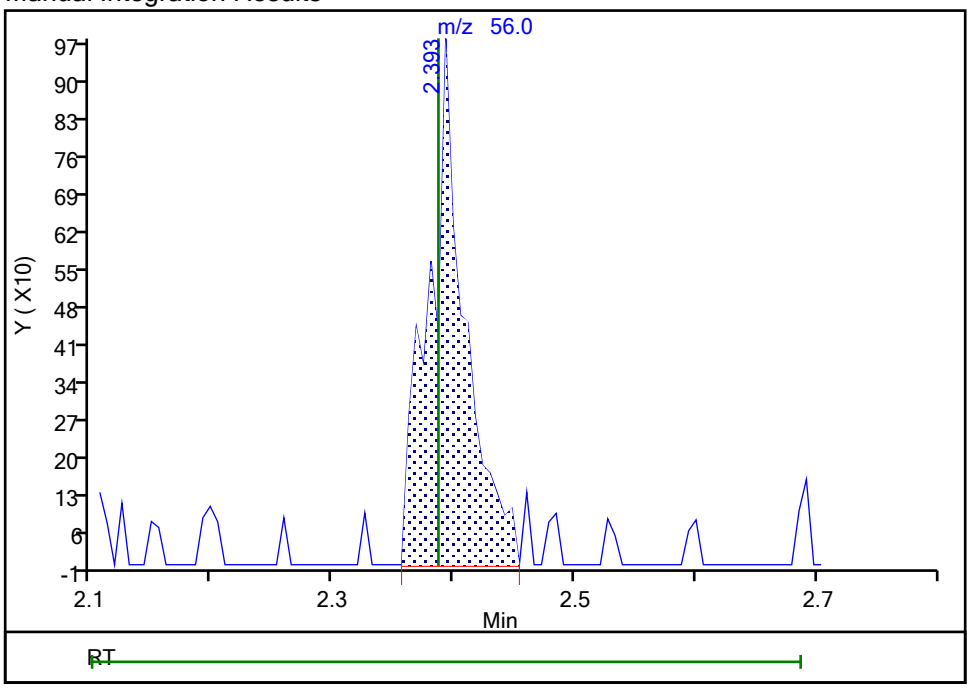
Processing Integration Results

RT: 2.39
Area: 1423
Amount: 3.823045
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 2032
Amount: 3.208463
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

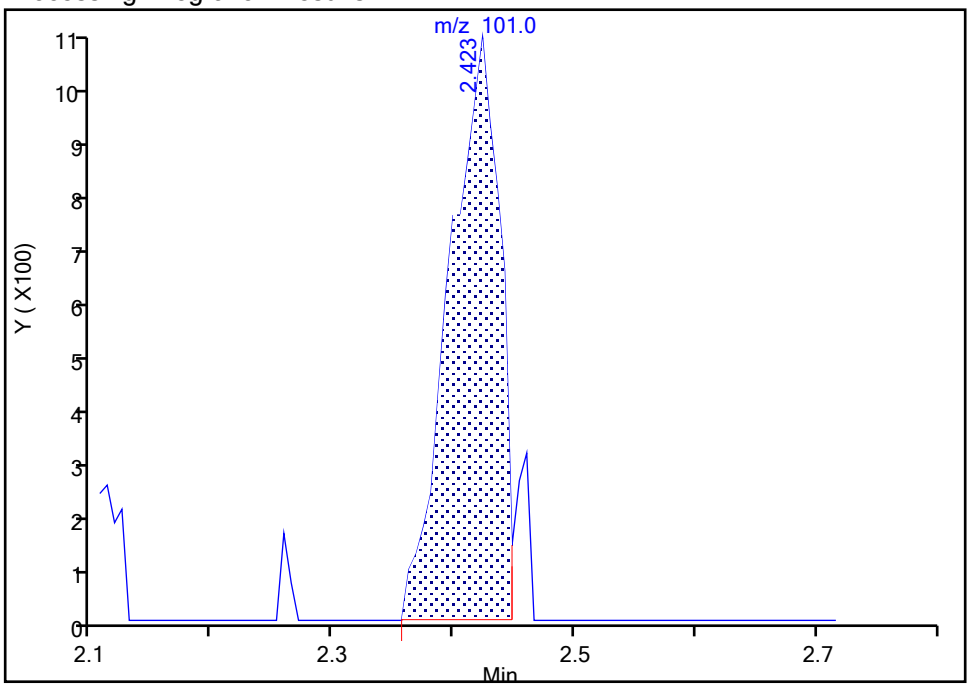
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

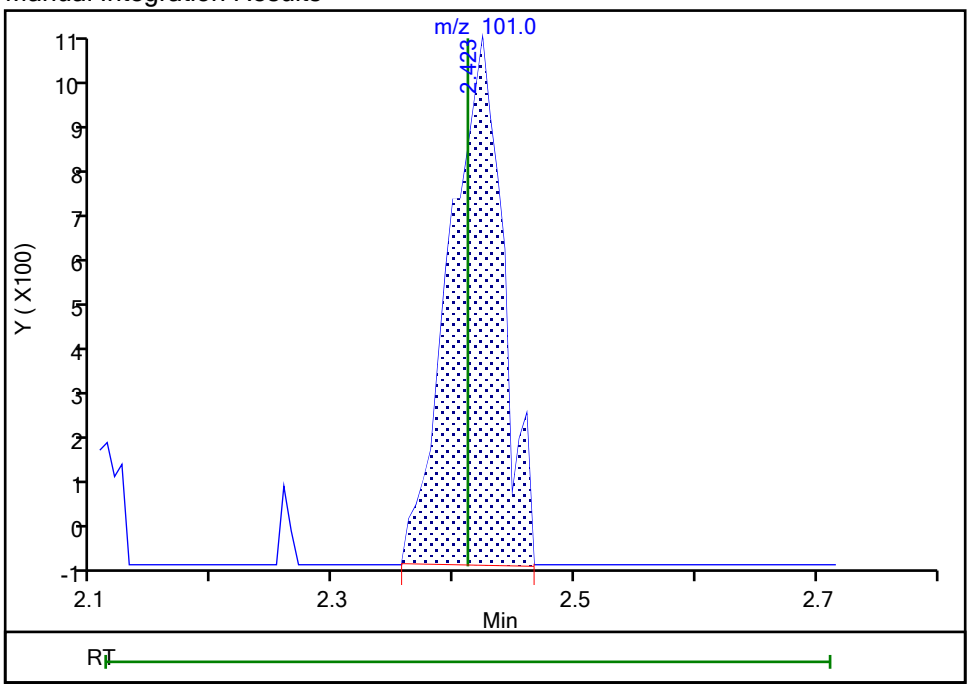
Processing Integration Results

RT: 2.42
Area: 3013
Amount: 1.101459
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 3210
Amount: 1.122642
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

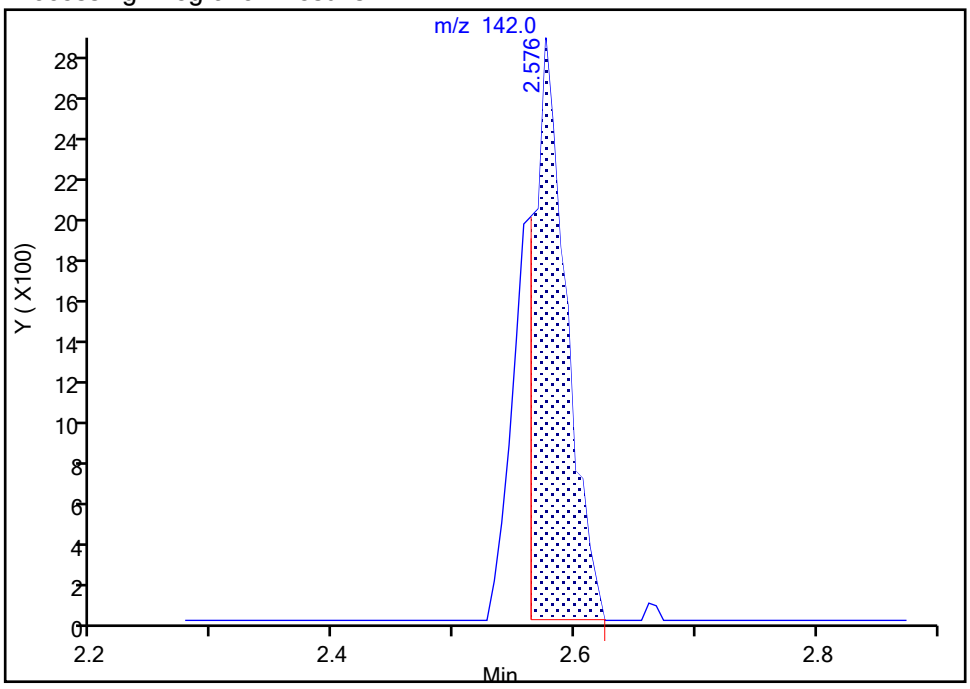
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

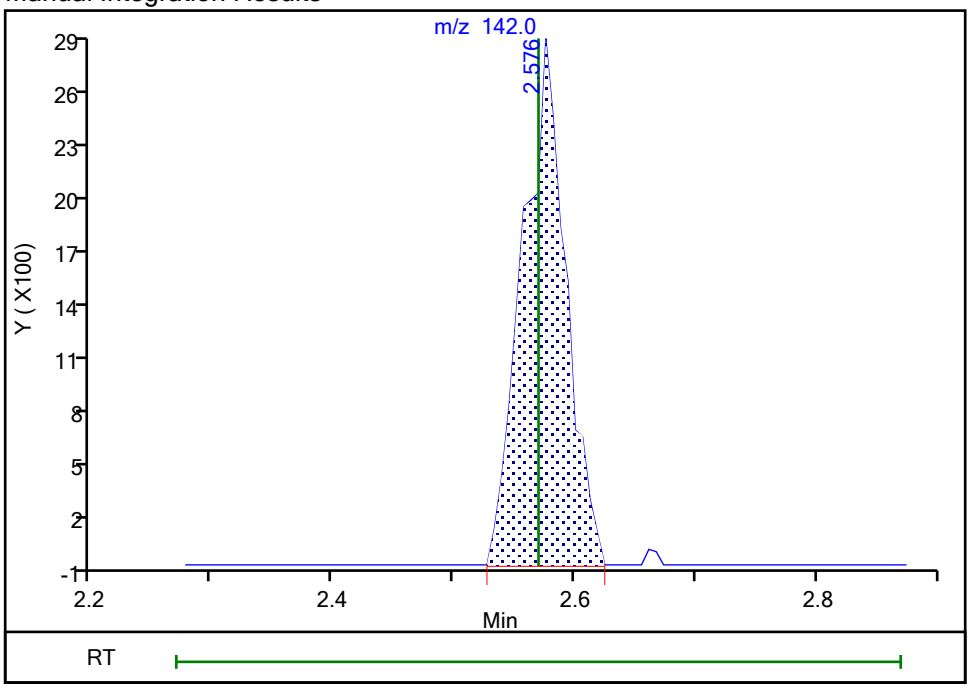
Processing Integration Results

RT: 2.58
Area: 5378
Amount: 0.885578
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 7177
Amount: 1.198481
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

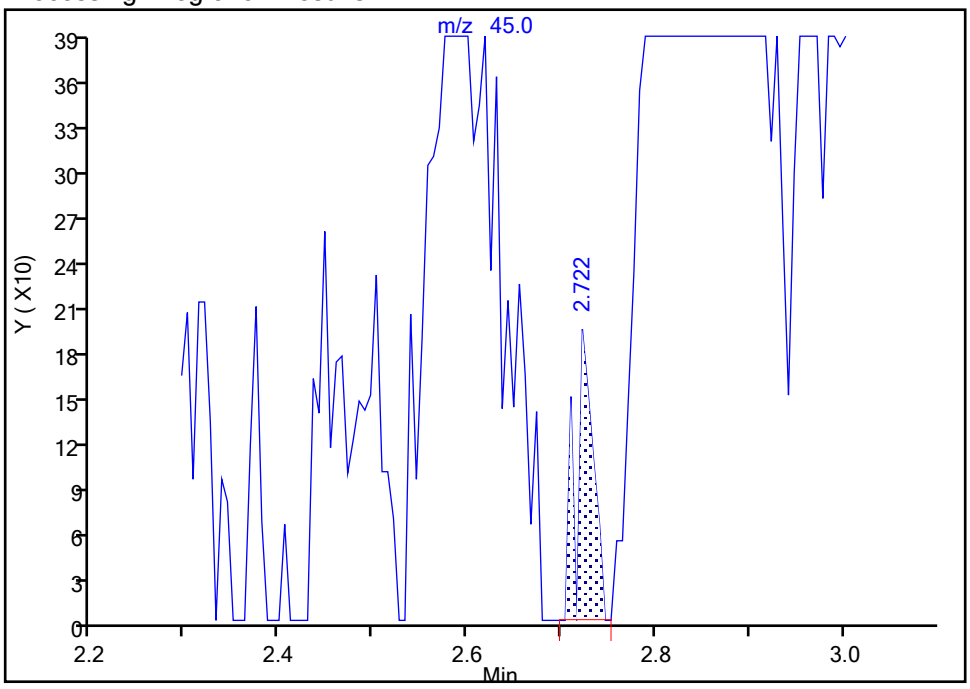
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

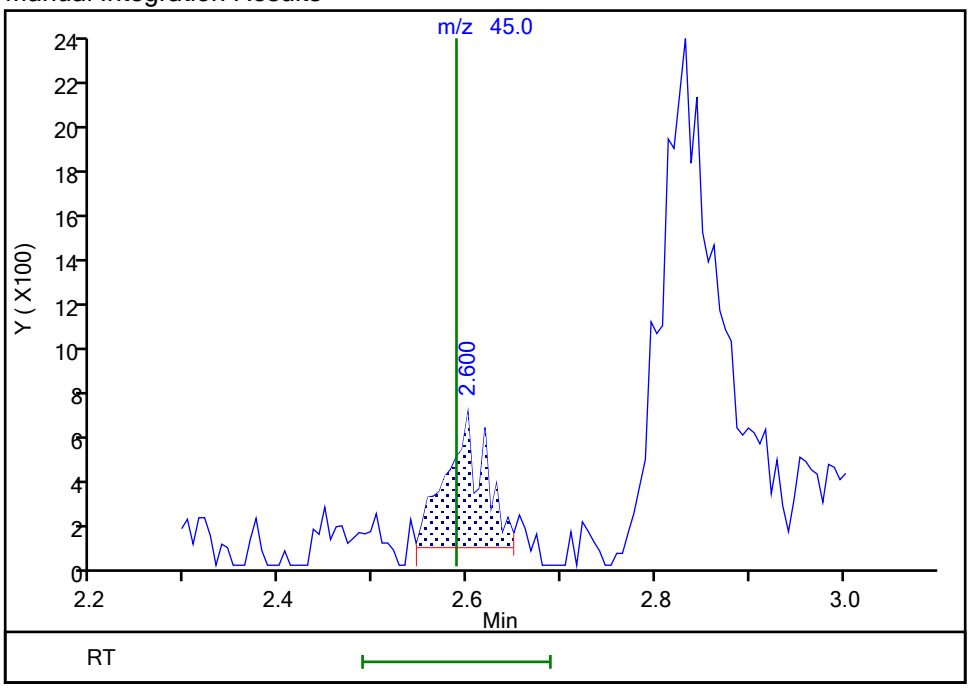
Processing Integration Results

RT: 2.72
Area: 243
Amount: 9.916147
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 1737
Amount: 10.589423
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 16:52:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

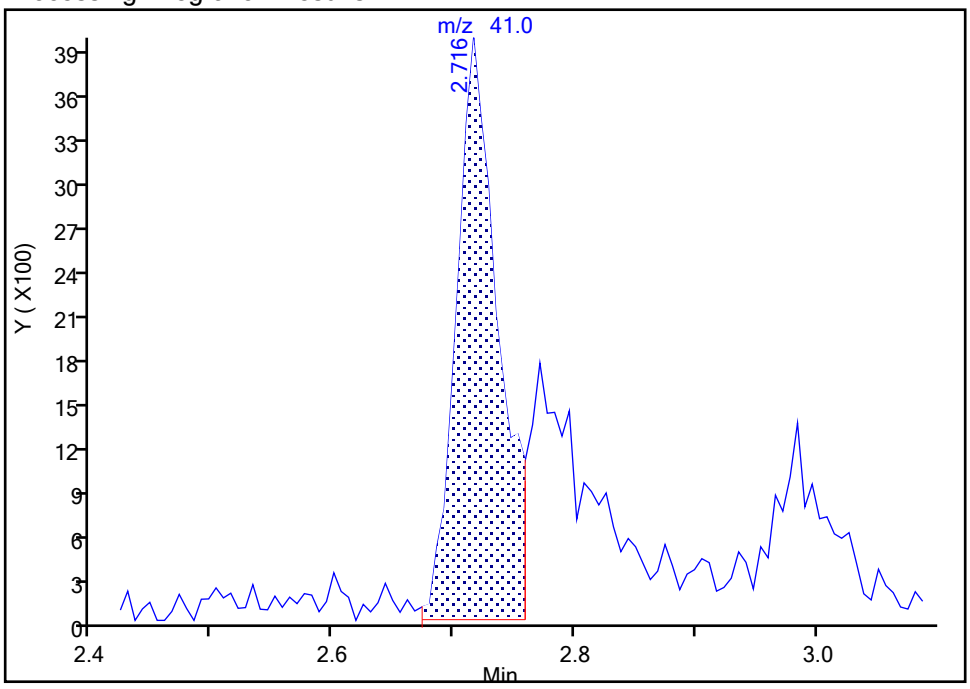
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

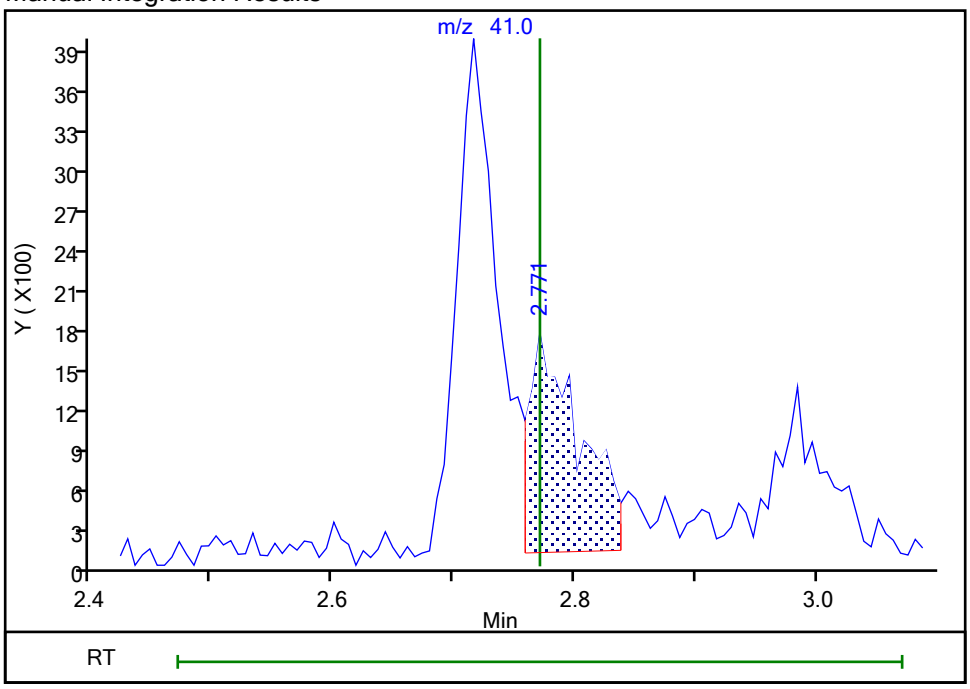
Processing Integration Results

RT: 2.72
Area: 9700
Amount: 10.629081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 4940
Amount: 9.966866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

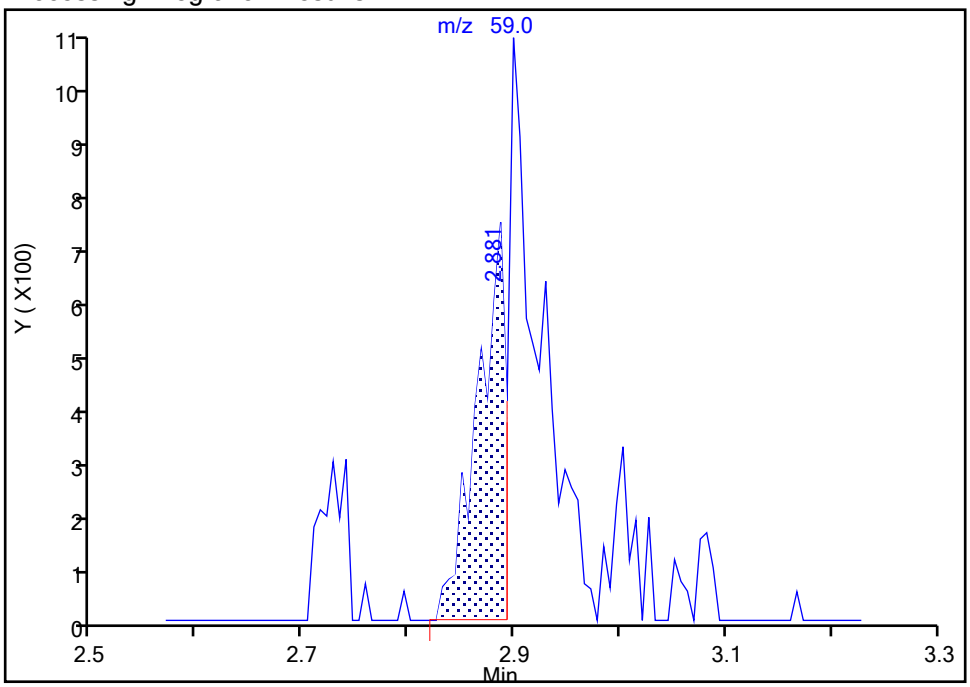
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

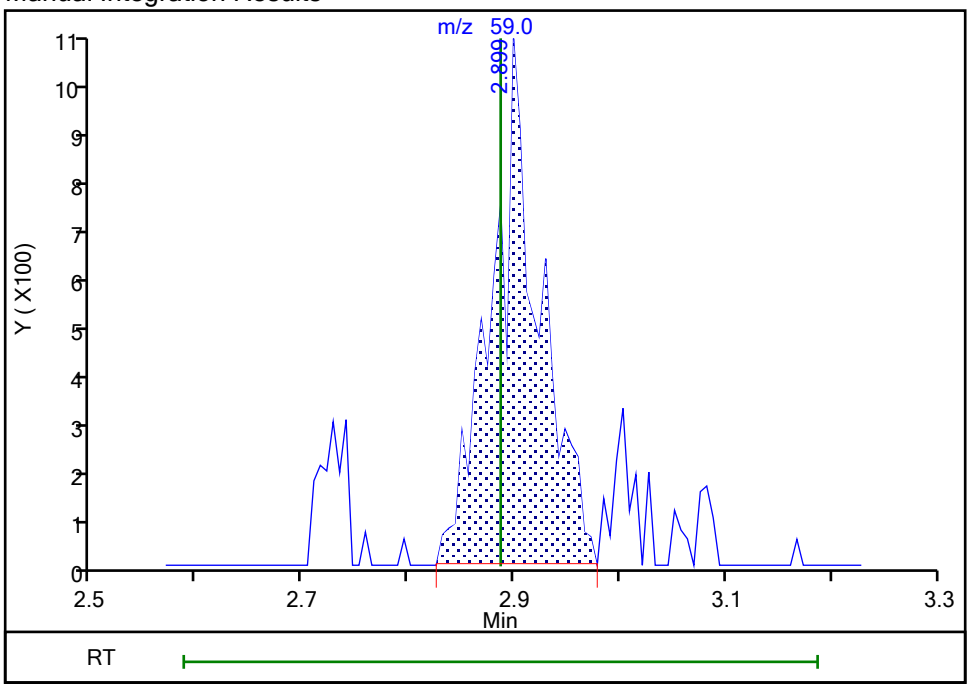
Processing Integration Results

RT: 2.88
Area: 1279
Amount: 10.783691
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 3179
Amount: 12.116954
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

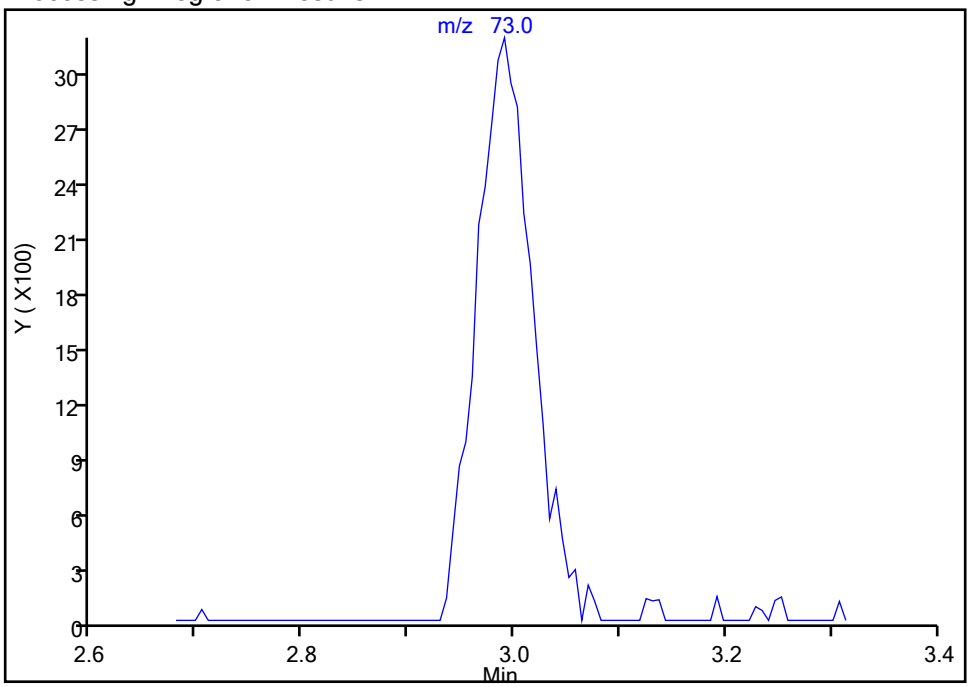
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

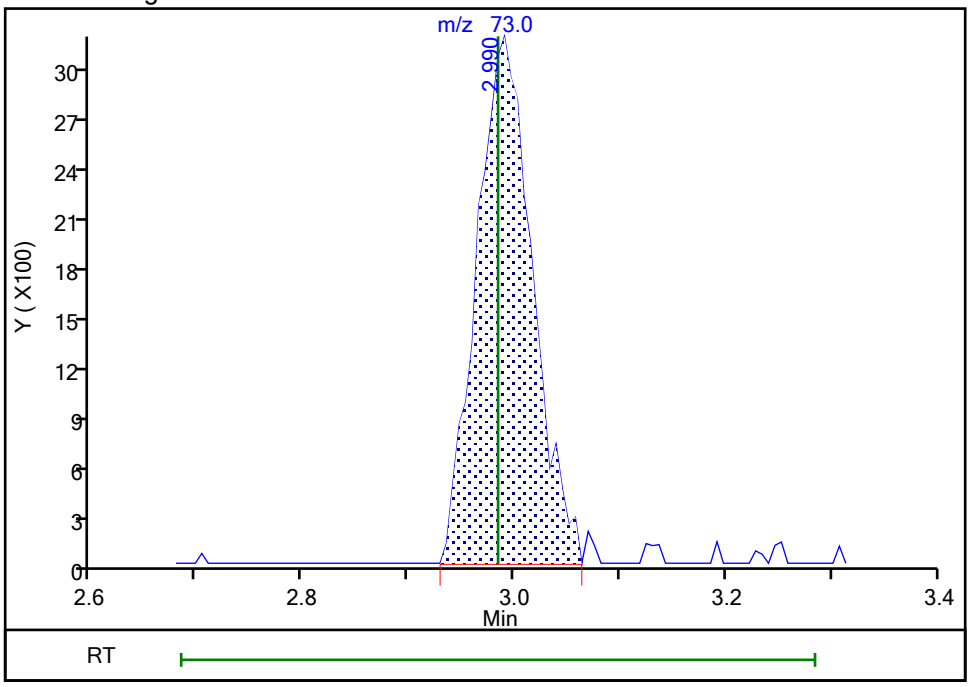
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 11405
Amount: 1.061998
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

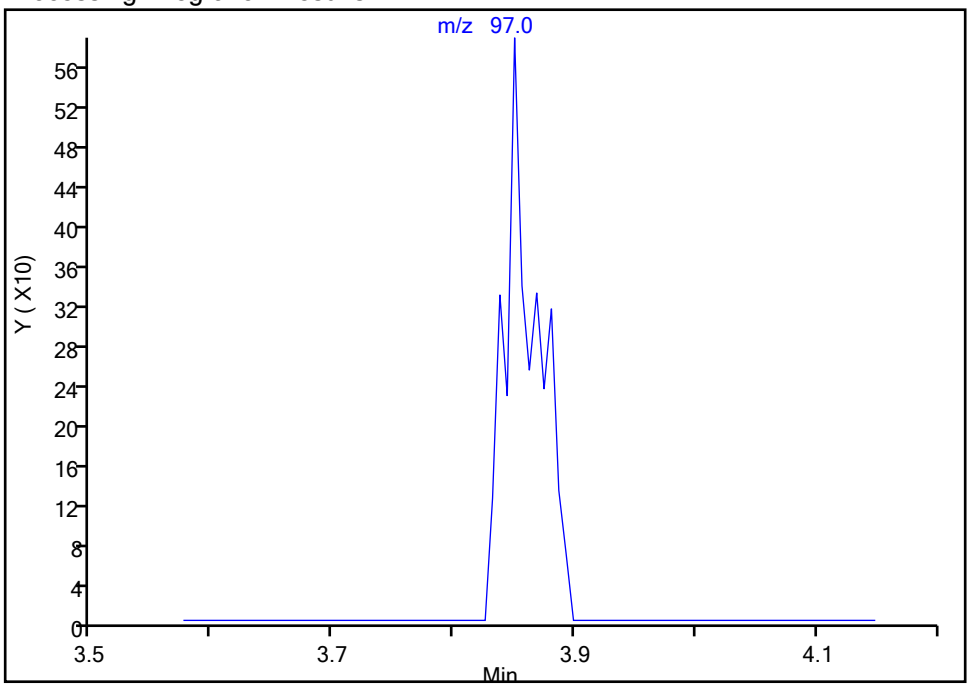
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

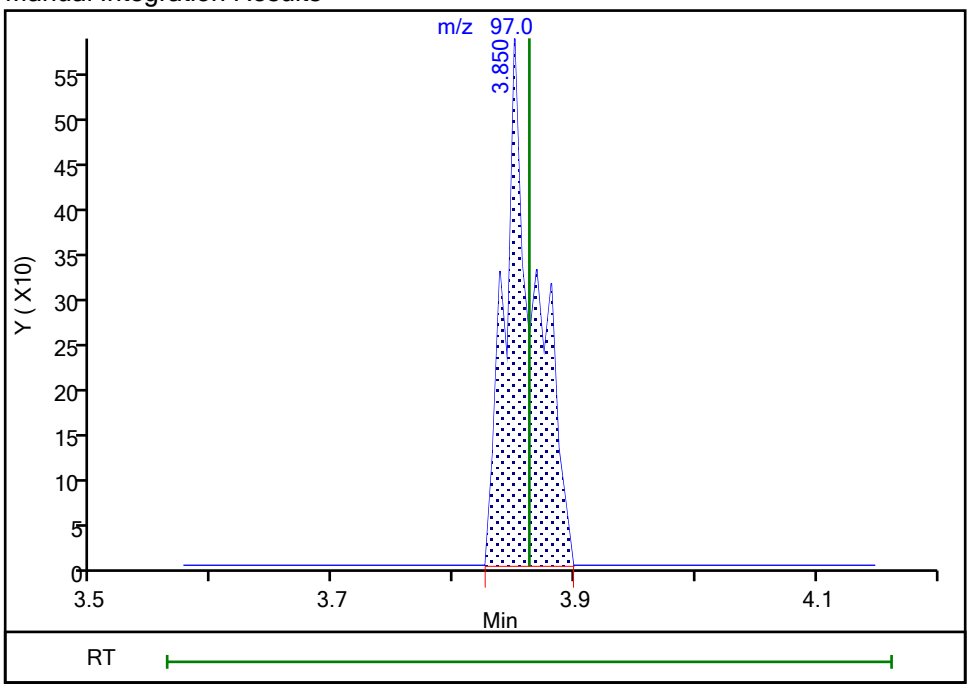
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 1071
Amount: 1.004500
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

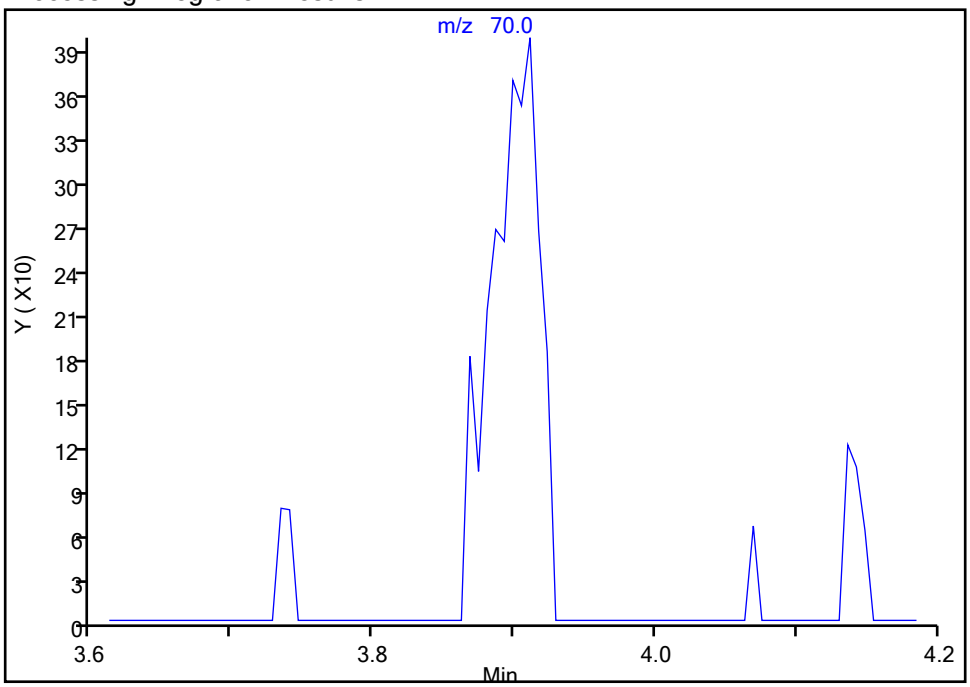
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

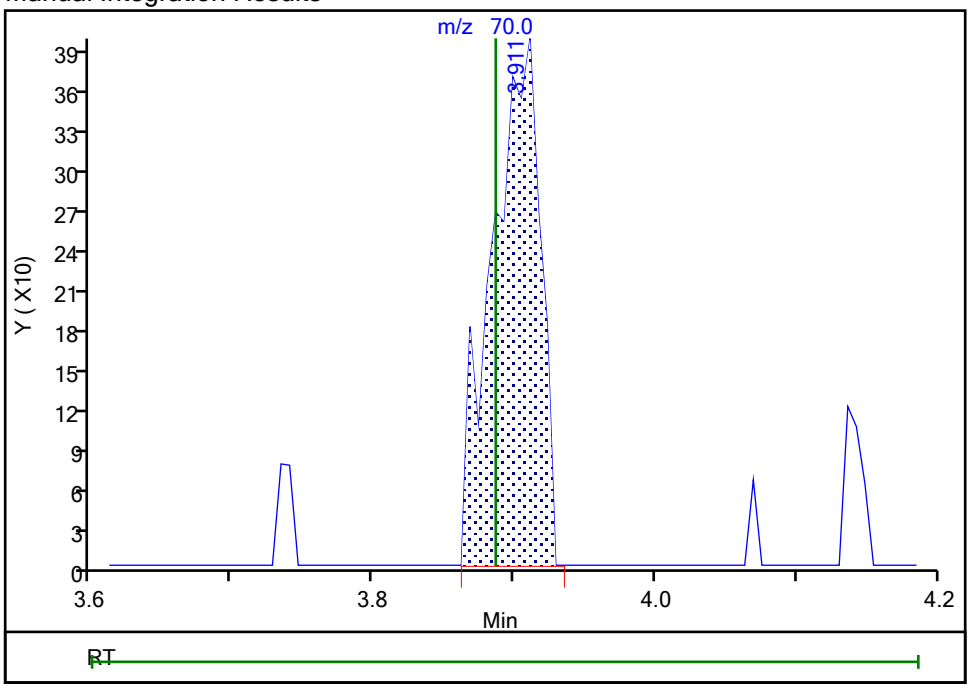
Not Detected
Expected RT: 3.89

Processing Integration Results



Manual Integration Results

RT: 3.91
Area: 939
Amount: 2.561731
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

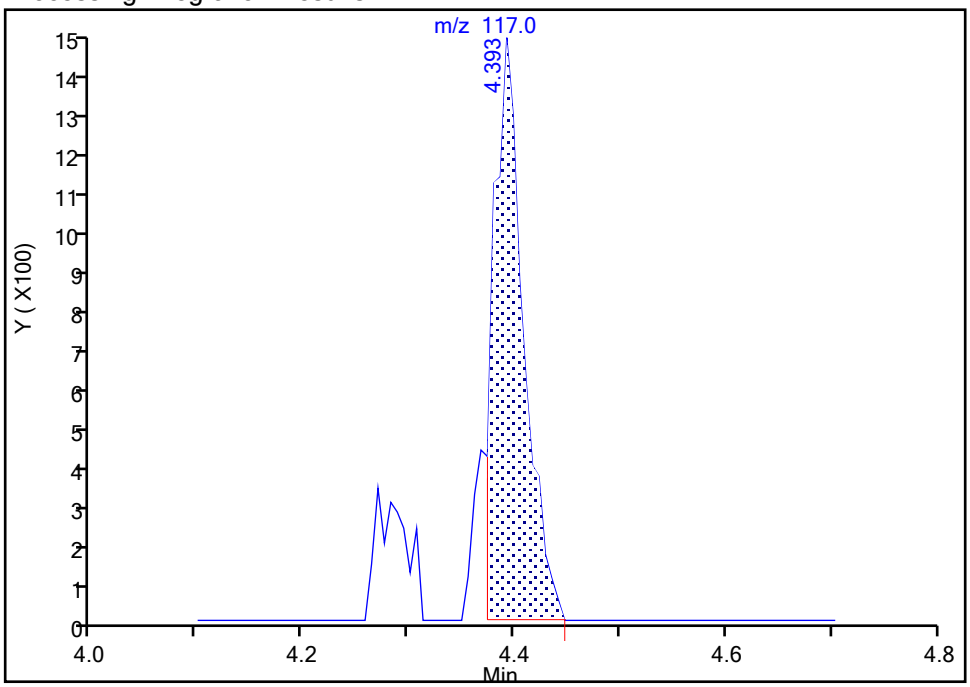
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

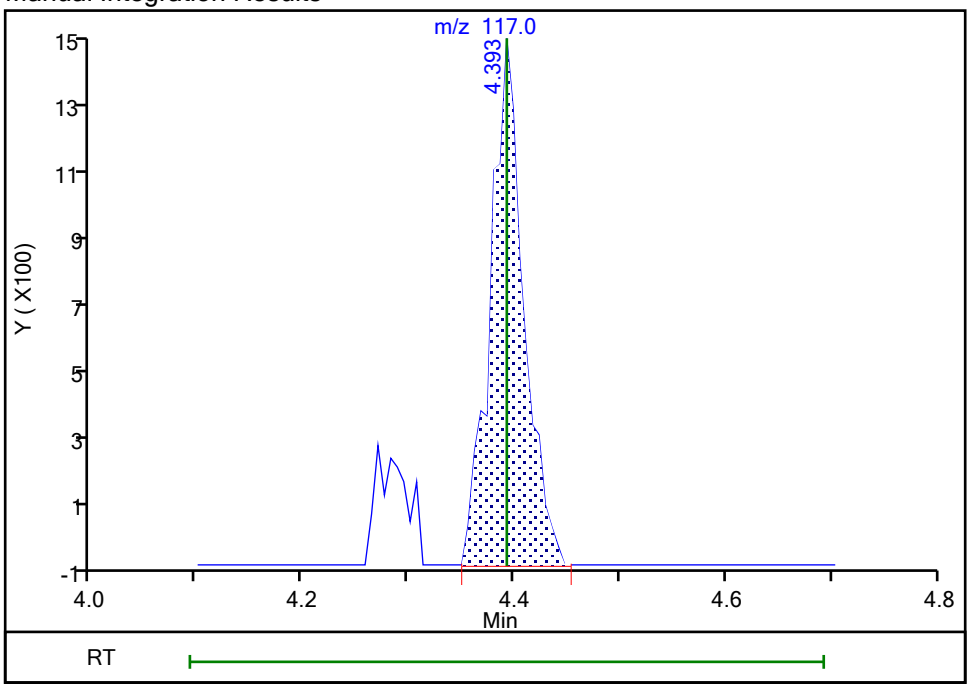
Processing Integration Results

RT: 4.39
Area: 2853
Amount: 1.042949
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 3168
Amount: 1.052355
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:46:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

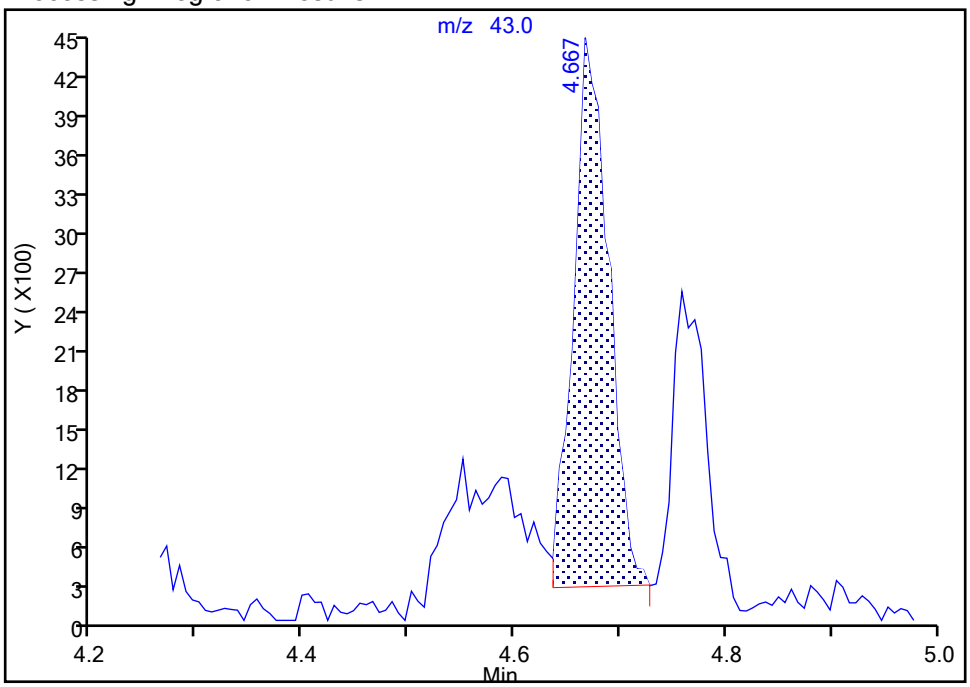
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

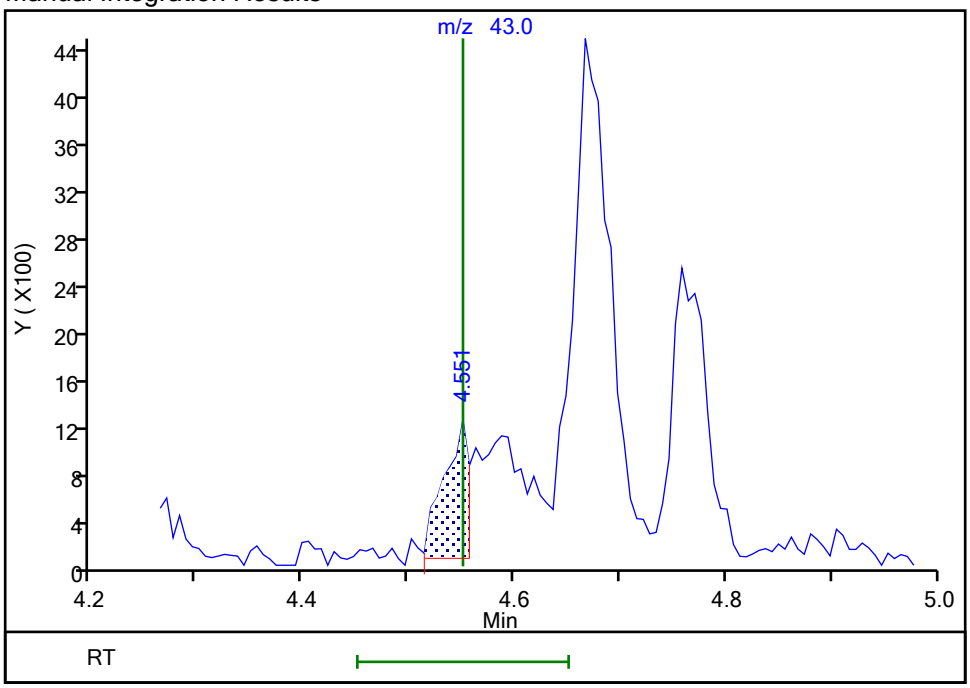
Processing Integration Results

RT: 4.67
Area: 9627
Amount: 99.861092
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 1897
Amount: 21.630439
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:33:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

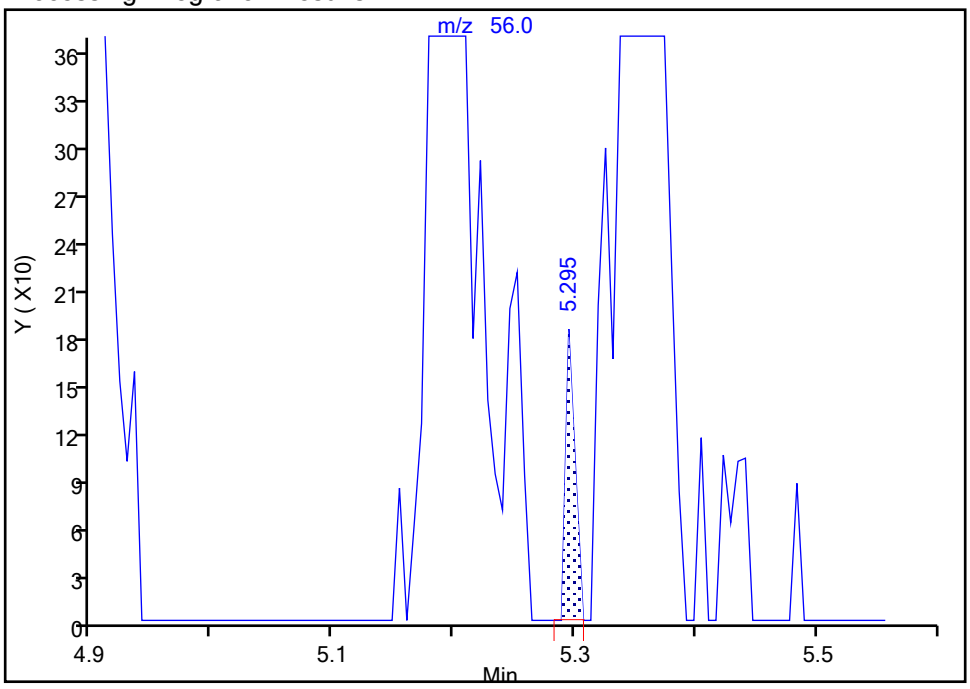
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

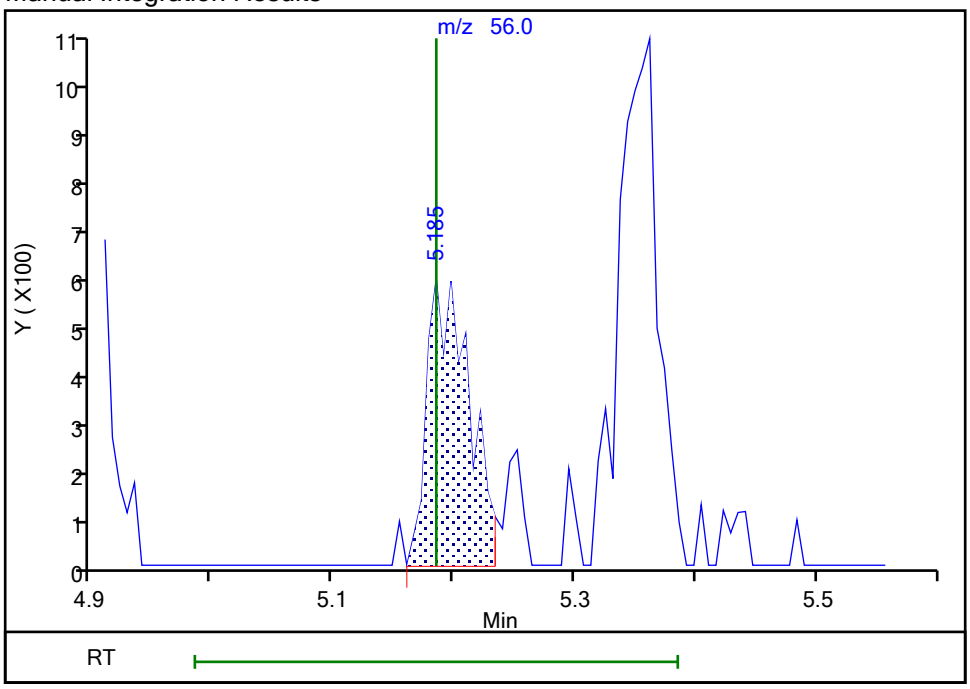
Processing Integration Results

RT: 5.29
Area: 101
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 1331
Amount: 22.680270
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

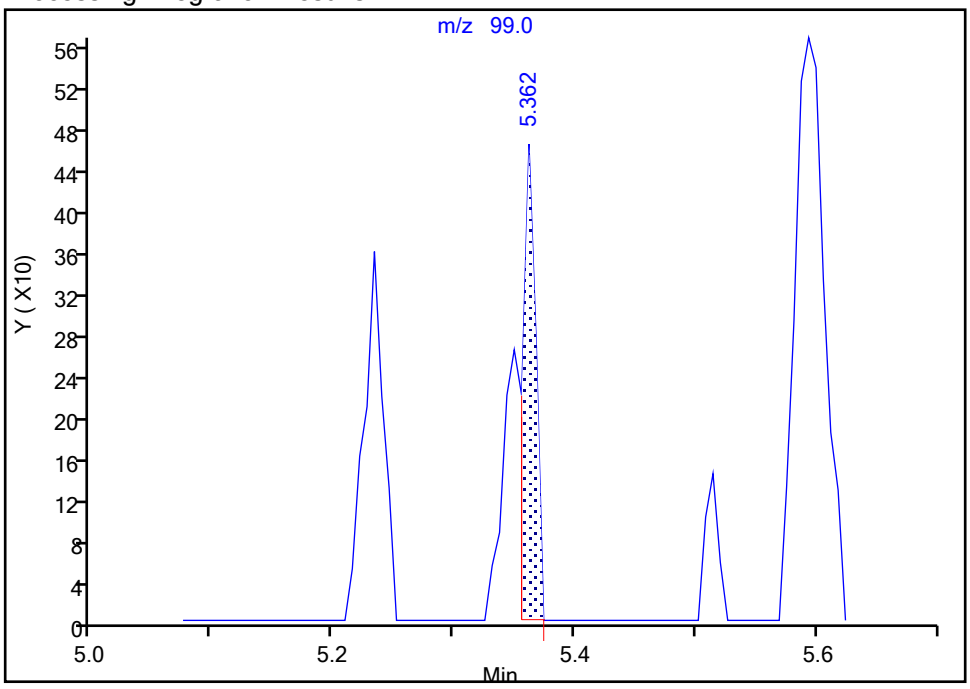
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

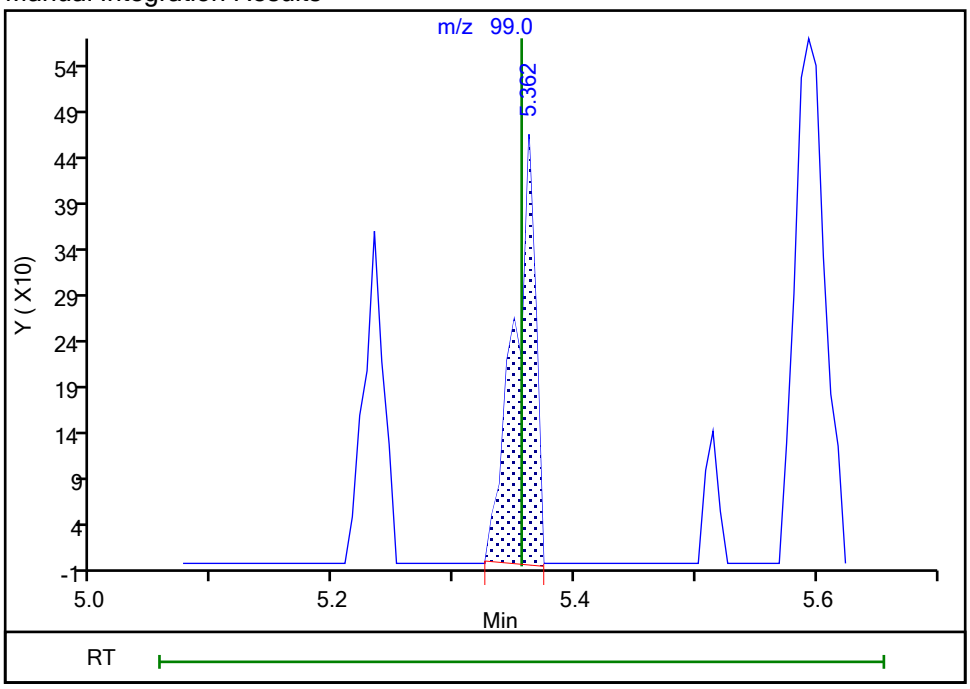
Processing Integration Results

RT: 5.36
Area: 346
Amount: 1.099983
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 572
Amount: 0.987371
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

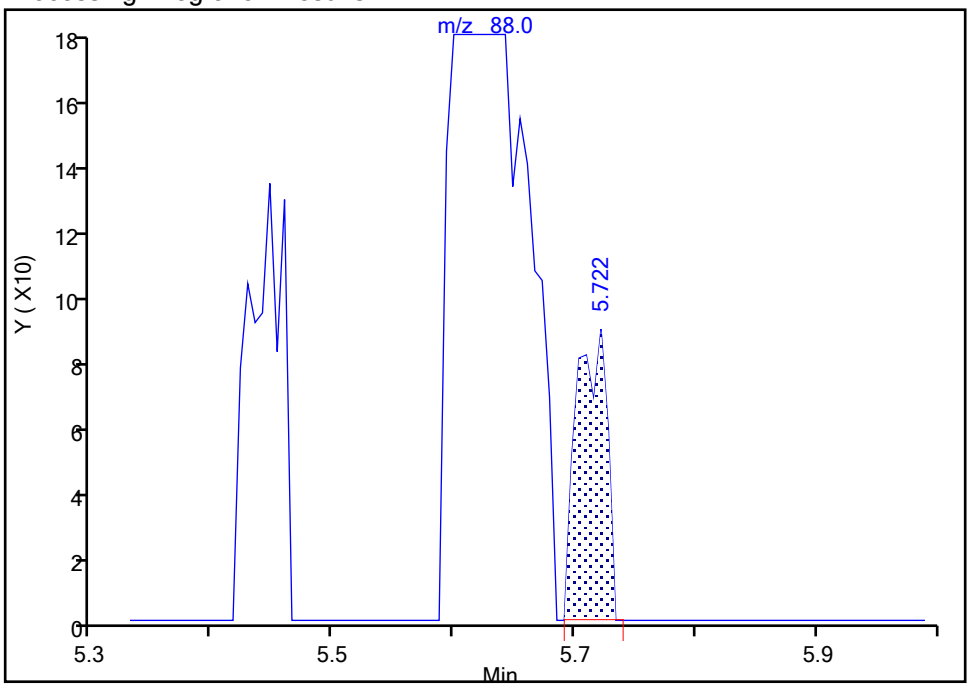
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

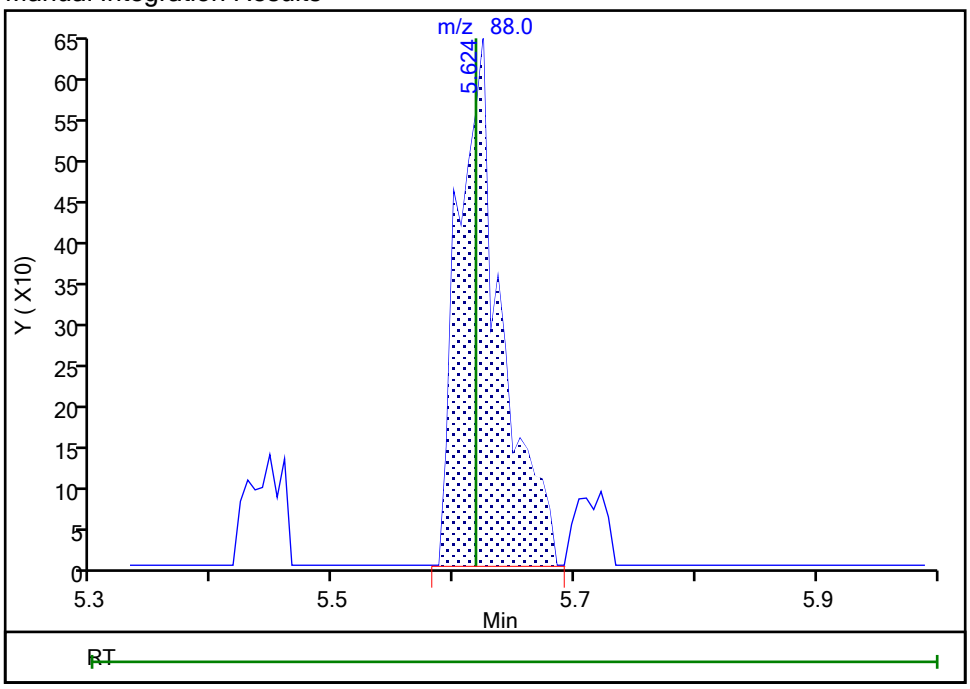
Processing Integration Results

RT: 5.72
Area: 157
Amount: 7.292910
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 1575
Amount: 45.717462
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

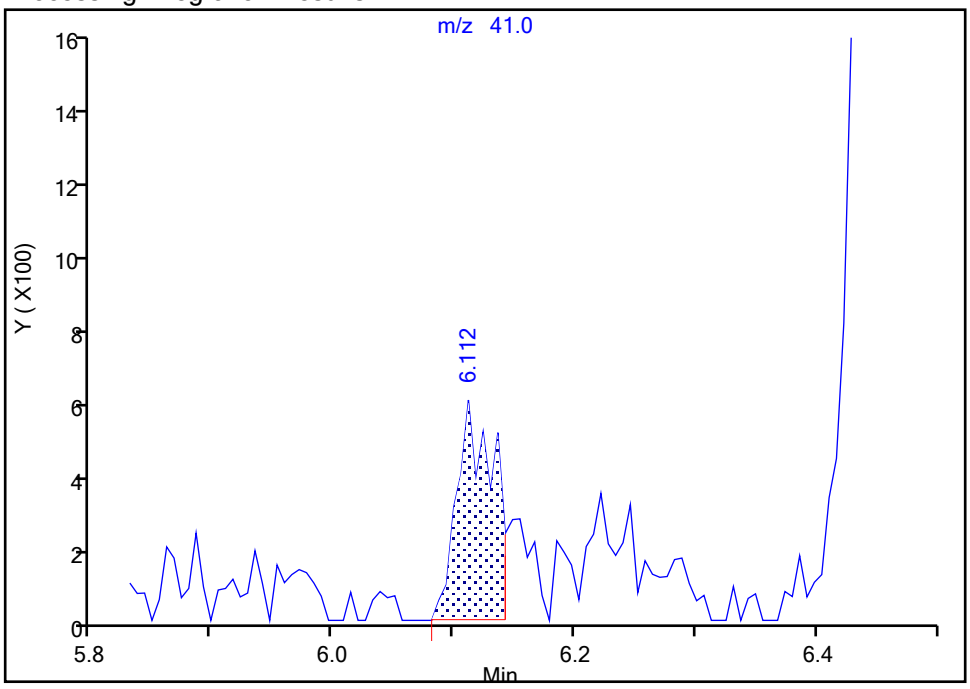
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

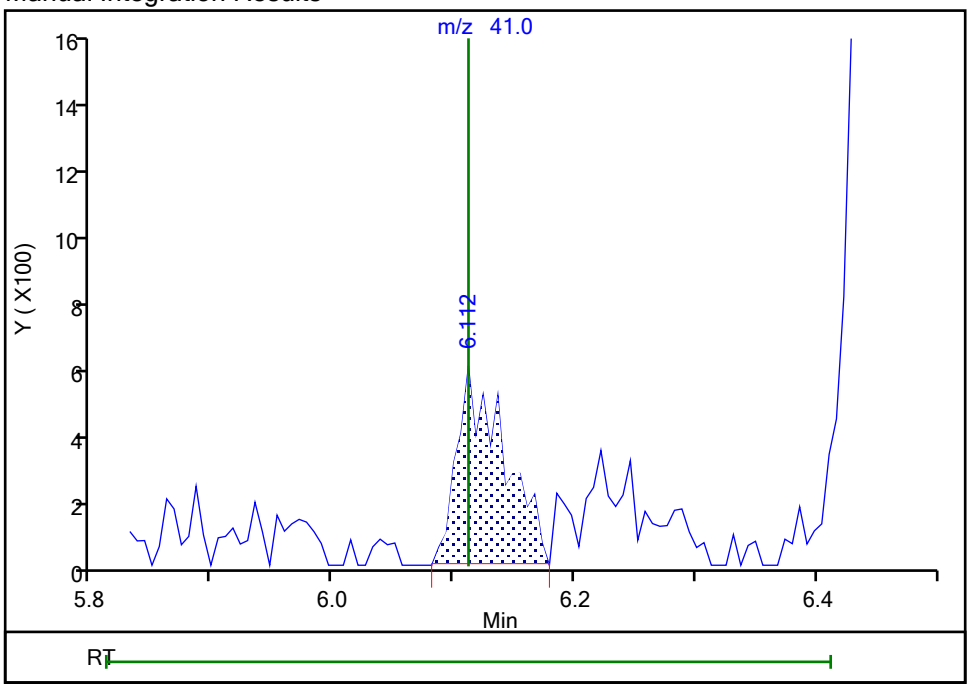
Processing Integration Results

RT: 6.11
Area: 1208
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 6.11
Area: 1552
Amount: 3.326051
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

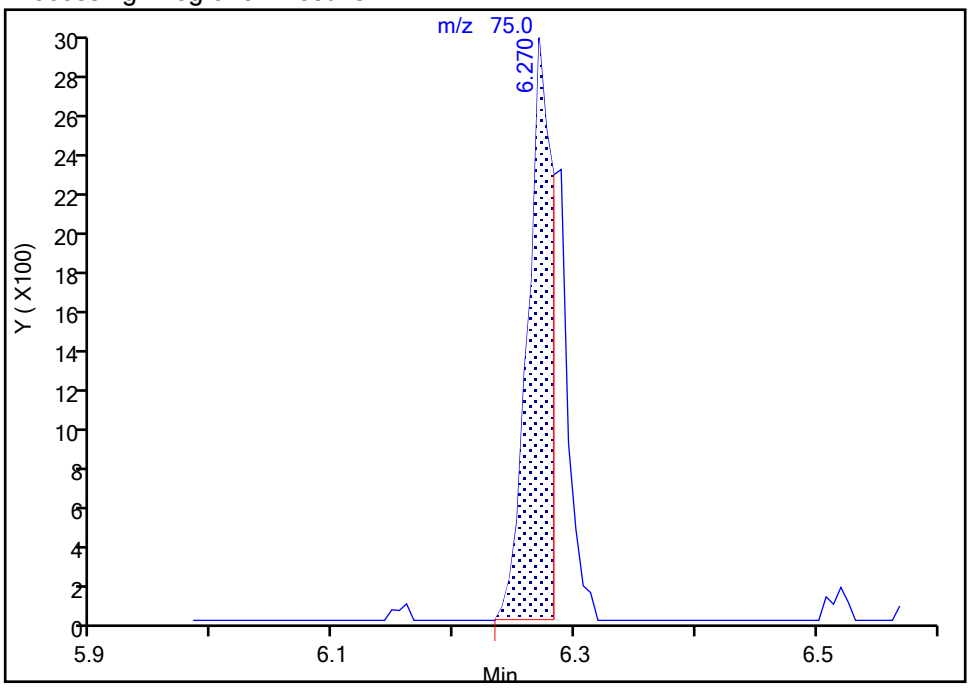
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

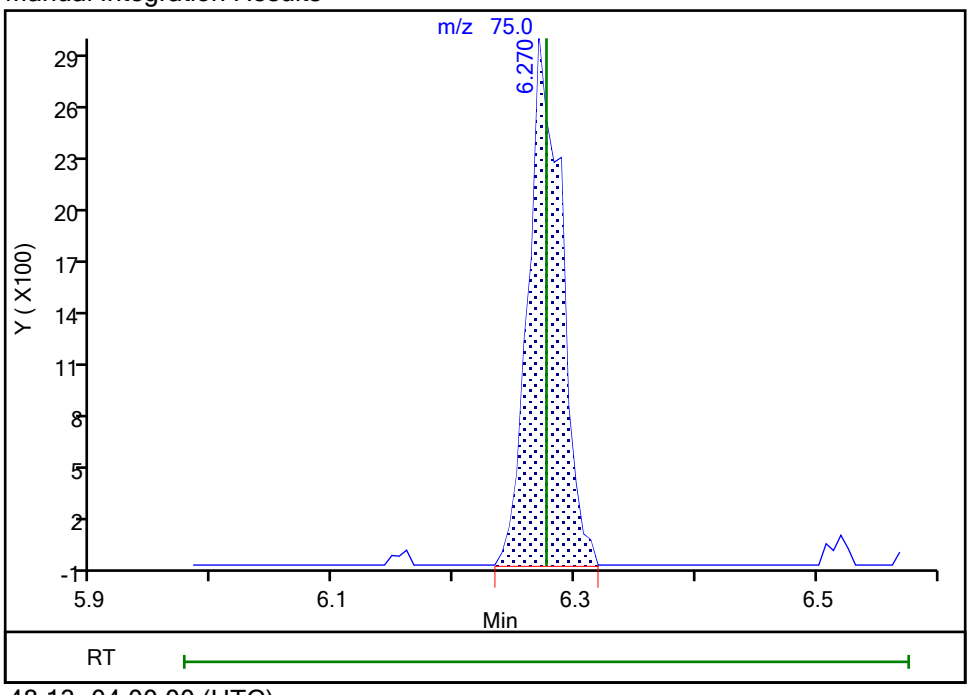
Processing Integration Results

RT: 6.27
Area: 4222
Amount: 0.844153
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 5680
Amount: 1.023859
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

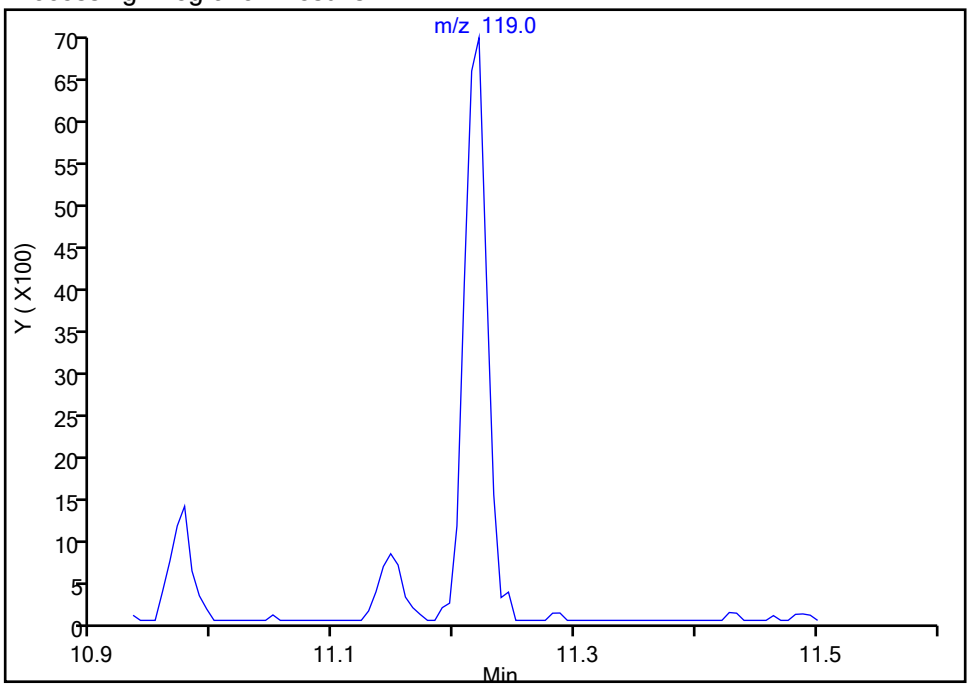
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

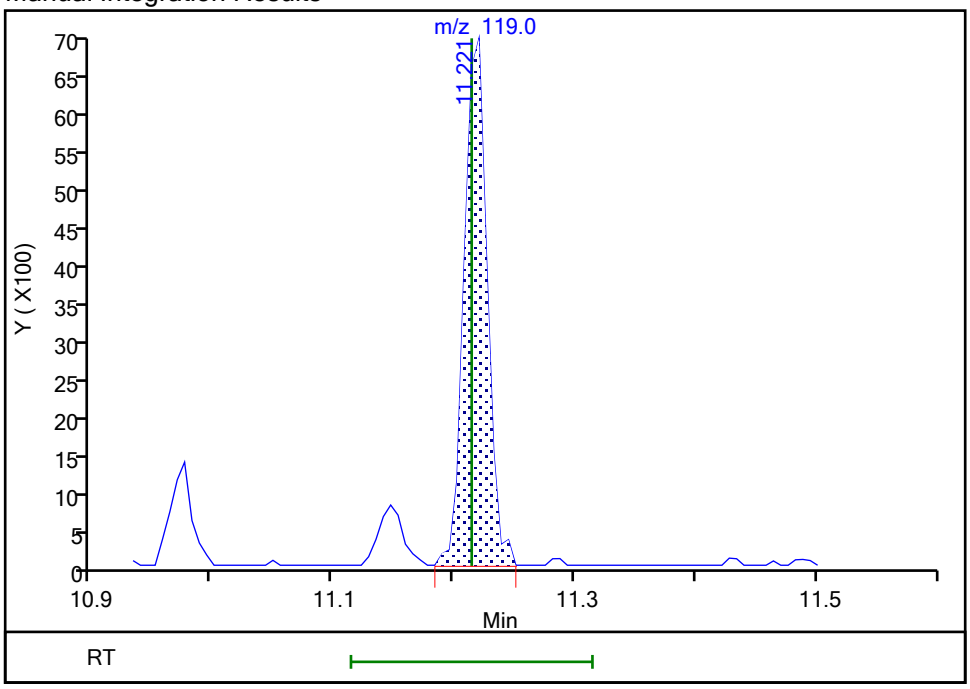
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.22
Area: 9256
Amount: 1.007183
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Aug-2024 09:05:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0180260-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:40:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.216	1.235	-0.019	1	190	5.00	3.87	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	58	5195	5.00	7.33	
2 1,1-Difluoroethane	65	1.320	1.320	0.000	97	10504	5.00	5.51	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	90	23398	5.00	5.17	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	96	3940	5.00	7.23	
6 Chloromethane	50	1.491	1.491	0.000	99	28347	5.00	5.22	
7 Vinyl chloride	62	1.558	1.558	0.000	96	24663	5.00	5.18	
8 Butadiene	54	1.570	1.570	0.000	97	24498	5.00	5.48	
9 Bromomethane	94	1.820	1.820	0.000	98	18168	5.00	5.40	
10 Chloroethane	64	1.875	1.881	-0.006	99	15726	5.00	5.01	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	43554	5.00	5.43	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	87	25033	5.00	5.20	
13 Pentane	72	2.058	2.070	-0.012	96	5396	10.0	9.52	
14 Ethanol	46	2.228	2.234	-0.006	70	4906	200.0	204.0	M
15 Ethyl ether	74	2.234	2.234	0.000	95	13497	5.00	5.14	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	95	16179	5.00	5.17	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.302	-0.007	84	16365	5.00	5.39	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	88	28531	5.00	5.33	
19 Acrolein	56	2.393	2.387	0.006	95	12364	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	91	15491	5.00	5.30	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	19159	5.00	5.38	
22 Acetone	43	2.503	2.497	0.006	85	26613	25.0	22.8	
23 Iodomethane	142	2.570	2.570	0.000	96	33312	5.00	5.44	
25 Isopropyl alcohol	45	2.570	2.588	-0.018	31	9537	50.0	56.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	71216	5.00	5.60	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	93	13206	5.00	5.46	
27 Methyl acetate	43	2.728	2.722	0.006	86	28766	10.0	9.61	
28 Cyclopentene	67	2.734	2.734	0.000	93	39689	5.00	5.31	
29 Acetonitrile	41	2.771	2.771	0.000	90	30008	50.0	59.3	Ma
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	41654	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.832	2.838	-0.006	75	23289	5.00	5.28	
32 2-Methyl-2-propanol	59	2.881	2.887	-0.006	92	13076	50.0	48.3	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	97	58732	5.00	5.35	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	21231	5.00	5.55	
35 Acrylonitrile	53	3.076	3.070	0.006	95	77919	50.0	52.6	
36 Hexane	57	3.155	3.155	0.000	93	21905	5.00	5.47	
37 Isopropyl ether	45	3.356	3.356	0.000	97	70772	5.00	5.36	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	70	37466	5.00	5.28	
39 Vinyl acetate	86	3.393	3.393	0.000	100	4982	10.0	8.87	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	17628	5.00	5.49	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	88	63169	5.00	5.37	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	406838	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	47	5417	5.00	4.97	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	94	22915	5.00	5.29	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	95	10594	25.0	24.8	a
46 Ethyl acetate	70	3.899	3.887	0.012	97	3945	10.0	10.5	
47 Methyl acrylate	55	3.941	3.941	0.000	98	14680	5.00	4.64	
48 Propionitrile	54	4.008	4.009	-0.001	98	28865	50.0	60.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	5140	10.0	10.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	88	11256	5.00	5.32	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	81049	50.0	54.2	
52 Chloroform	83	4.136	4.143	-0.007	97	34774	5.00	5.50	
53 Cyclohexane	84	4.258	4.271	-0.013	31	26195	5.00	5.36	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	39	25804	5.00	5.54	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	184231	50.0	50.5	
56 Carbon tetrachloride	117	4.386	4.393	-0.007	95	15456	5.00	5.02	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	26399	5.00	5.51	
58 Isobutyl alcohol	43	4.557	4.551	0.006	67	10579	125.0	116.8	Ma
59 Isooctane	57	4.588	4.582	0.006	97	57756	5.00	5.13	
60 Benzene	78	4.606	4.612	-0.006	96	82447	5.00	5.24	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	214599	50.0	49.8	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	93	62126	5.00	5.20	
63 Isopropyl acetate	61	4.667	4.673	-0.006	92	10035	5.00	5.10	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	94	26557	5.00	5.40	
65 n-Heptane	100	4.771	4.771	0.000	92	3828	5.00	5.76	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	753377	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	86	7535	125.0	124.3	
68 Trichloroethene	95	5.228	5.228	0.000	97	18897	5.00	5.29	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	27517	5.00	4.93	
70 Ethyl acrylate	99	5.350	5.356	-0.006	95	2273	5.00	3.84	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	90	21016	5.00	5.26	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	36410	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	8139	10.0	9.69	
75 1,4-Dioxane	88	5.624	5.618	0.006	27	4008	100.0	101.3	a
74 Dibromomethane	93	5.630	5.630	0.000	94	12311	5.00	5.36	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	23308	5.00	4.50	
77 Dichlorobromomethane	83	5.783	5.783	-0.001	99	21255	5.00	5.13	
78 2-Nitropropane	41	6.118	6.112	0.006	70	5247	10.0	11.0	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	89	12947	5.01	5.22	
80 Epichlorohydrin	57	6.221	6.222	-0.001	99	34795	100.0	100.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	28882	5.00	5.05	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	36688	25.0	25.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	710246	50.0	49.2	
84 Toluene	91	6.587	6.587	0.000	93	83026	5.00	4.91	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	22923	5.00	4.76	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	18880	5.00	3.76	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	95	13911	5.00	5.01	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	19255	5.00	5.43	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	28531	5.00	5.11	
90 2-Hexanone	43	7.422	7.423	0.000	97	60986	25.0	26.8	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	23134	5.00	4.55	
92 Chlorodibromomethane	129	7.575	7.575	0.000	96	12161	5.00	4.60	
93 Ethylene Dibromide	107	7.727	7.721	0.006	97	15537	5.00	4.99	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	538603	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	53911	5.00	5.48	
96 Ethylbenzene	106	8.410	8.410	0.000	99	27662	5.00	5.21	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	89	12287	5.00	4.30	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	33020	5.00	5.19	
99 o-Xylene	106	9.087	9.087	0.000	93	32707	5.00	5.04	
100 n-Butyl acrylate	73	9.093	9.087	0.006	55	9687	5.00	4.50	
101 Styrene	104	9.123	9.123	0.000	98	55715	5.00	5.42	
102 Bromoform	173	9.367	9.367	0.000	64	6654	5.00	4.61	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	92	24414	5.00	3.11	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	75249	5.00	5.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	228299	50.0	50.4	
106 Bromobenzene	156	9.898	9.898	0.000	98	22820	5.00	5.31	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	98	21405	5.00	5.16	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	101645	5.00	5.22	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	6461	5.00	5.46	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	70	3923	5.00	4.09	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	71886	5.00	5.26	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	84022	5.00	5.15	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	67688	5.00	5.01	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	67840	5.00	5.16	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	13540	5.00	2.59	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	56847	5.00	5.01	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	73188	5.00	5.20	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	88591	5.00	5.15	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	97	44299	5.00	5.28	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	78832	5.00	5.35	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	301749	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	94	43024	5.00	5.14	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	78236	5.00	5.12	
124 Benzyl chloride	91	11.086	11.086	0.000	99	25014	5.00	4.23	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	76935	5.00	5.30	
126 p-Diethylbenzene	119	11.220	11.214	0.006	93	49589	5.00	5.27	a
127 n-Butylbenzene	92	11.239	11.239	0.000	97	42601	5.00	5.28	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	95	42495	5.00	5.15	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	76366	5.00	5.18	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	86	2144	5.00	3.67	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	35371	5.00	5.03	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	33454	5.00	5.31	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	17169	5.00	5.29	
134 Naphthalene	128	12.775	12.775	0.000	99	75281	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	32618	5.00	5.04	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.81	
S 140 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D

Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17

Lims ID: STD5

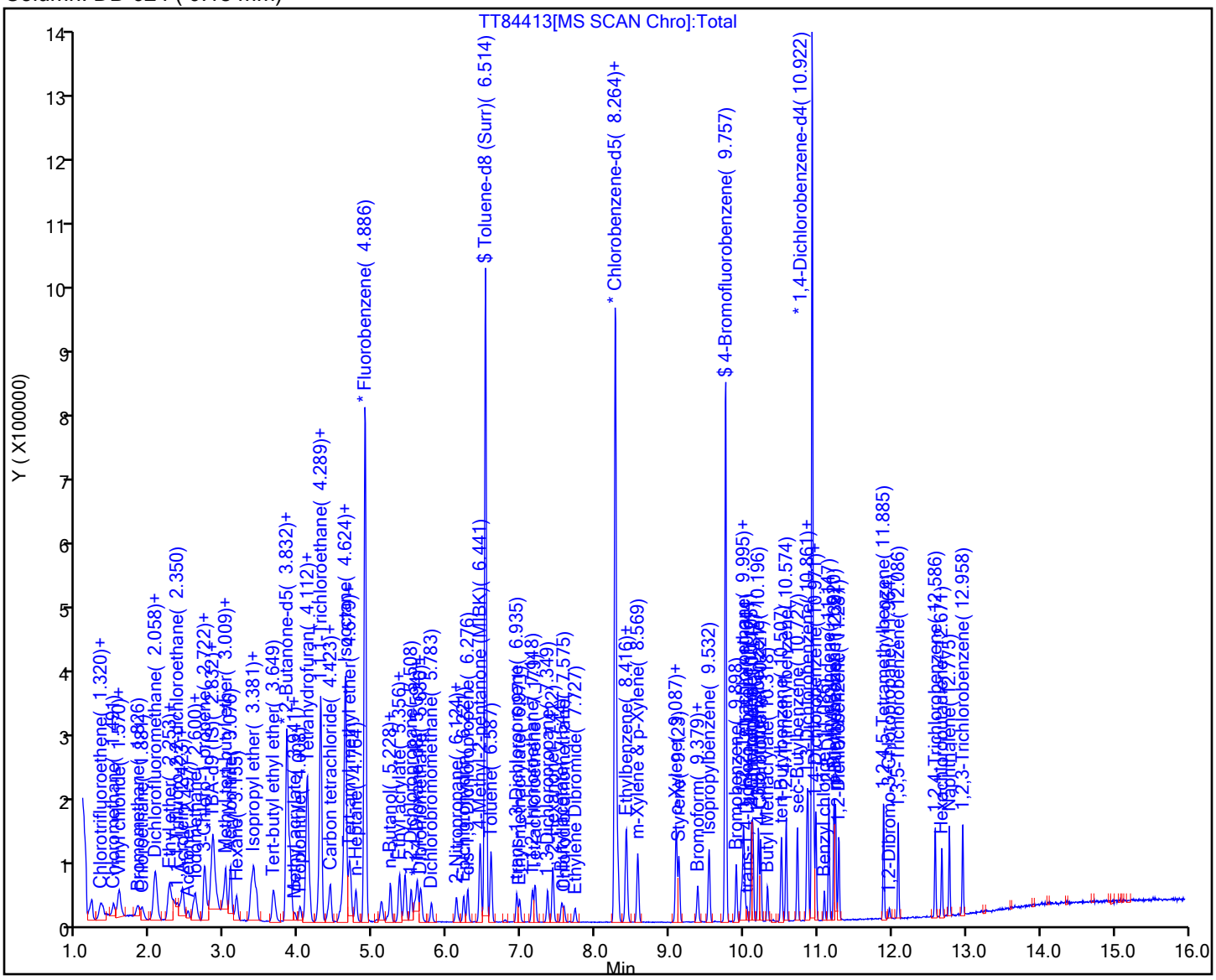
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

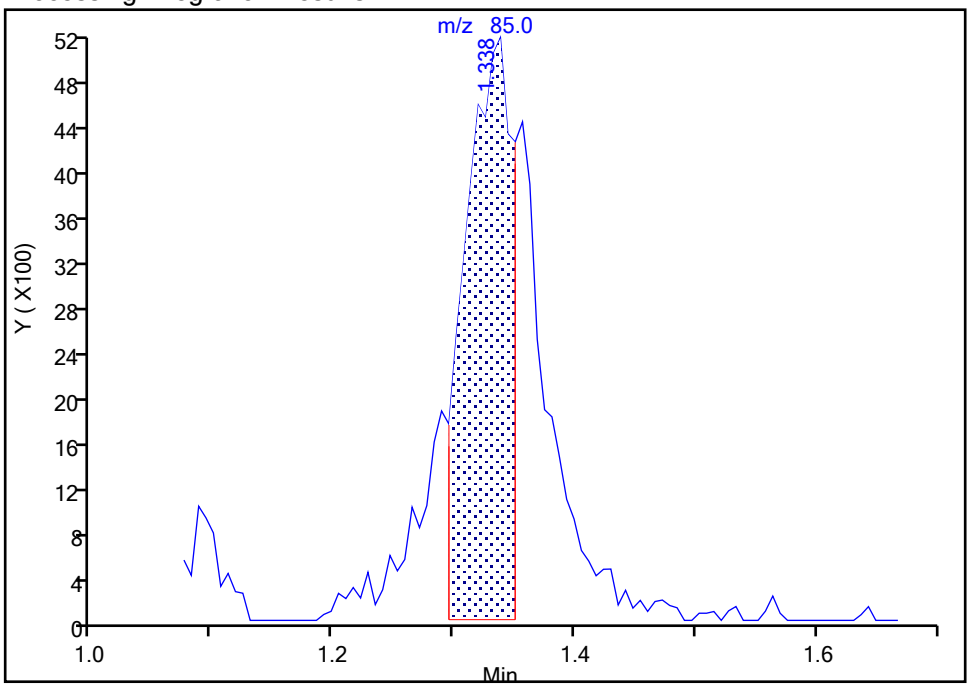
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

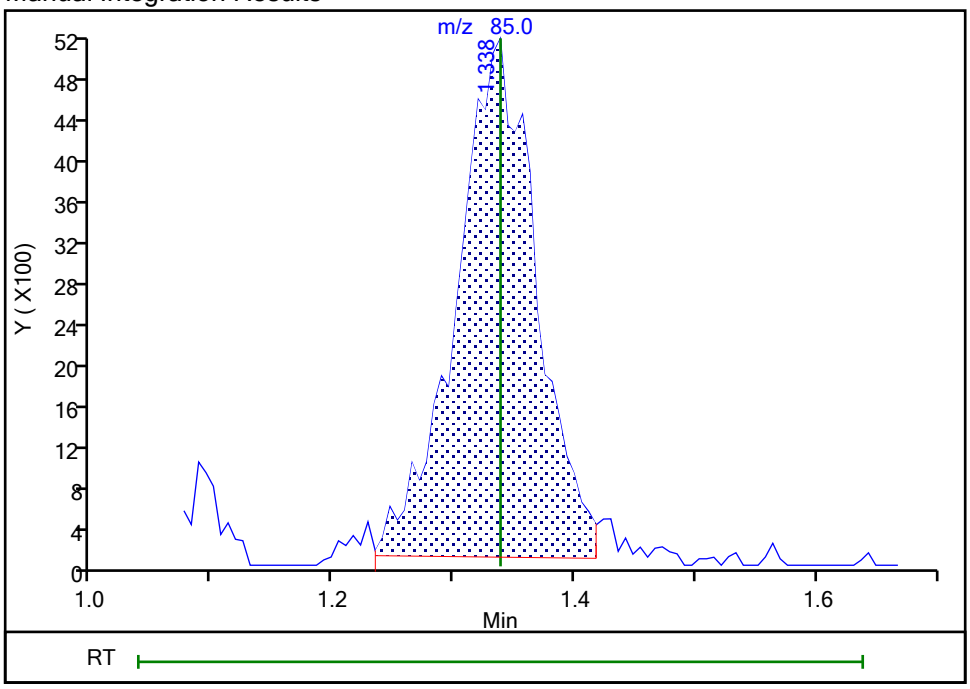
Processing Integration Results

RT: 1.34
Area: 14208
Amount: 4.998733
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 23398
Amount: 5.165415
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:37:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

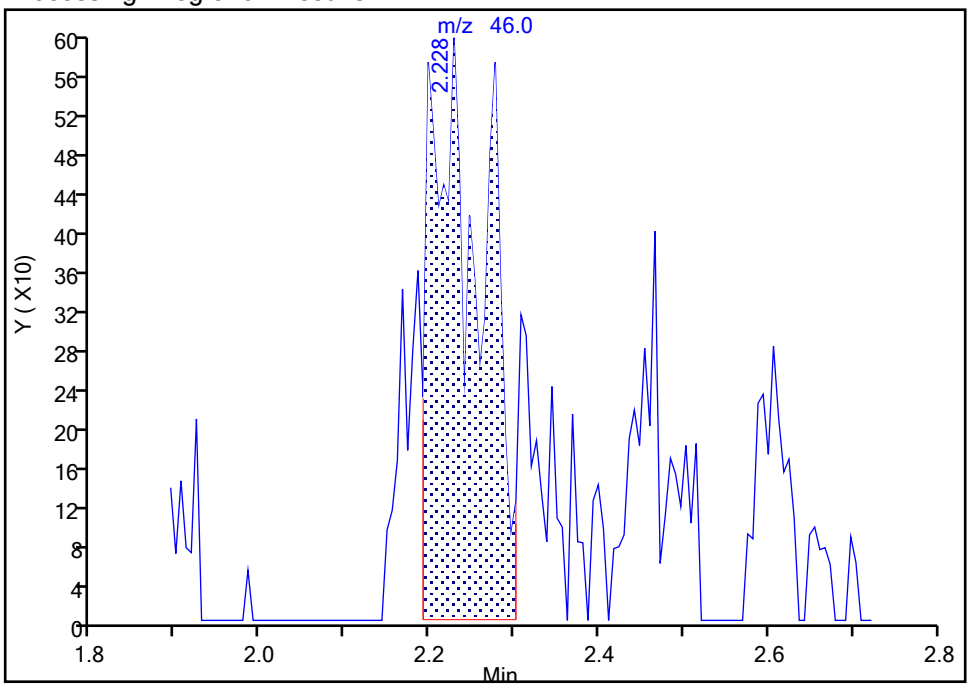
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

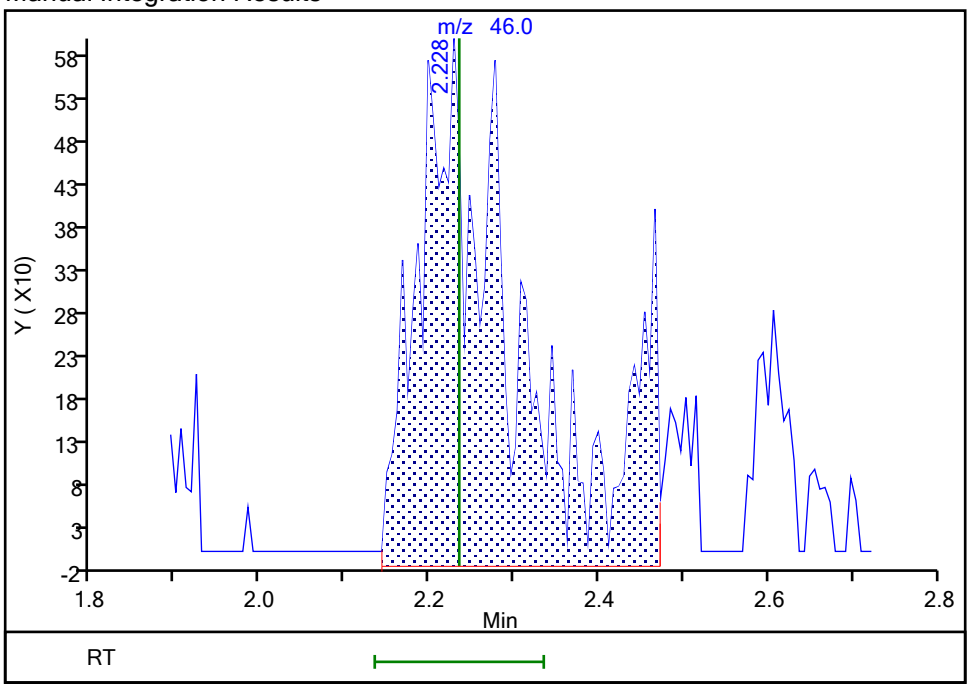
Processing Integration Results

RT: 2.23
Area: 2550
Amount: 198.8132
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 4906
Amount: 204.0450
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:34:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

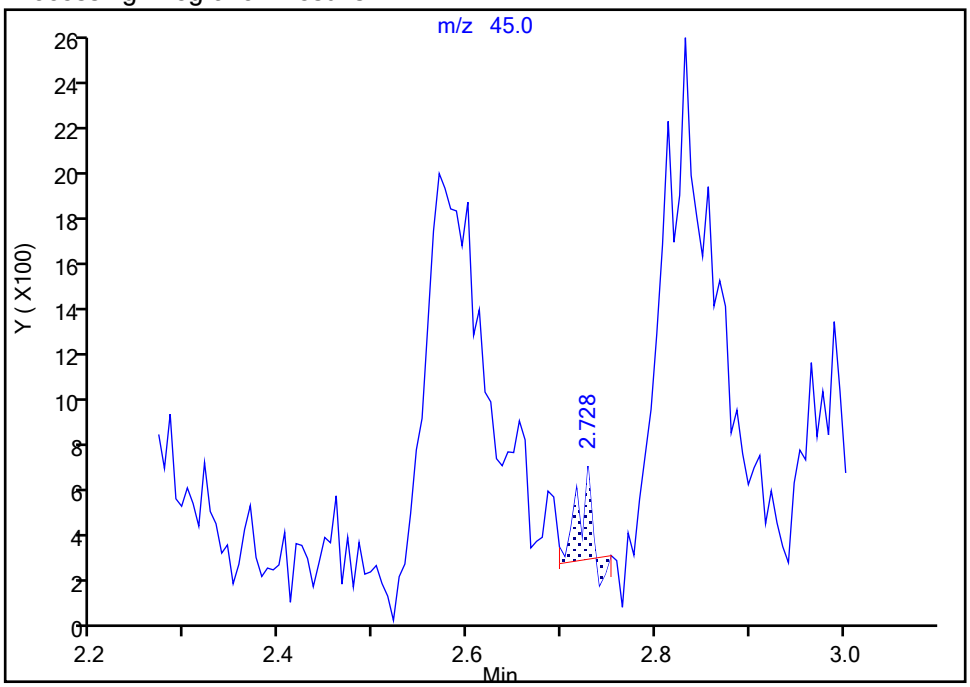
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

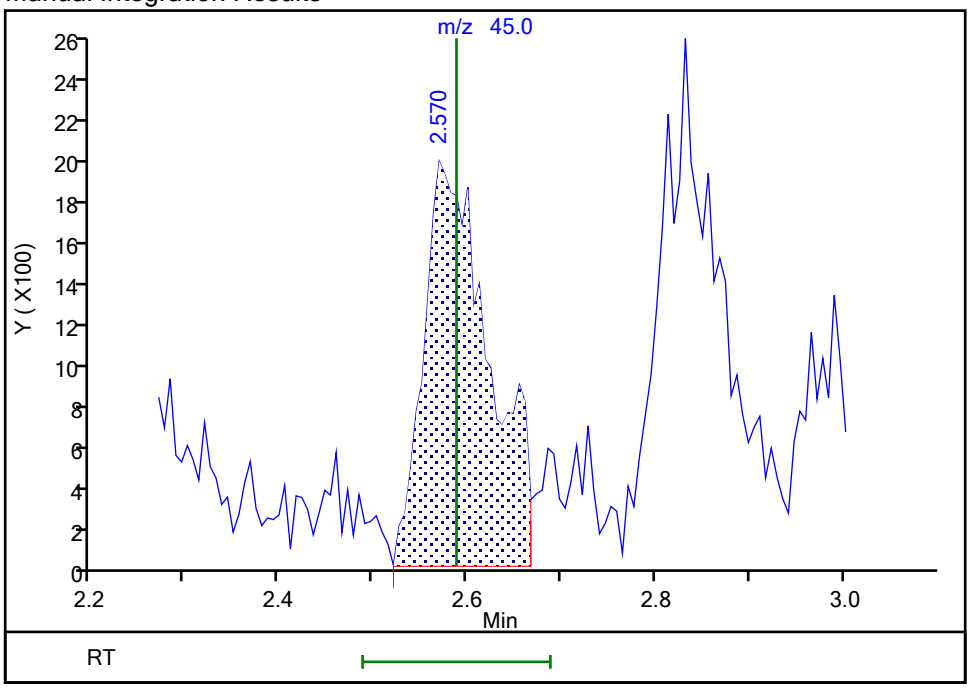
Processing Integration Results

RT: 2.73
Area: 338
Amount: 12.208539
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 9537
Amount: 56.298762
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:00:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

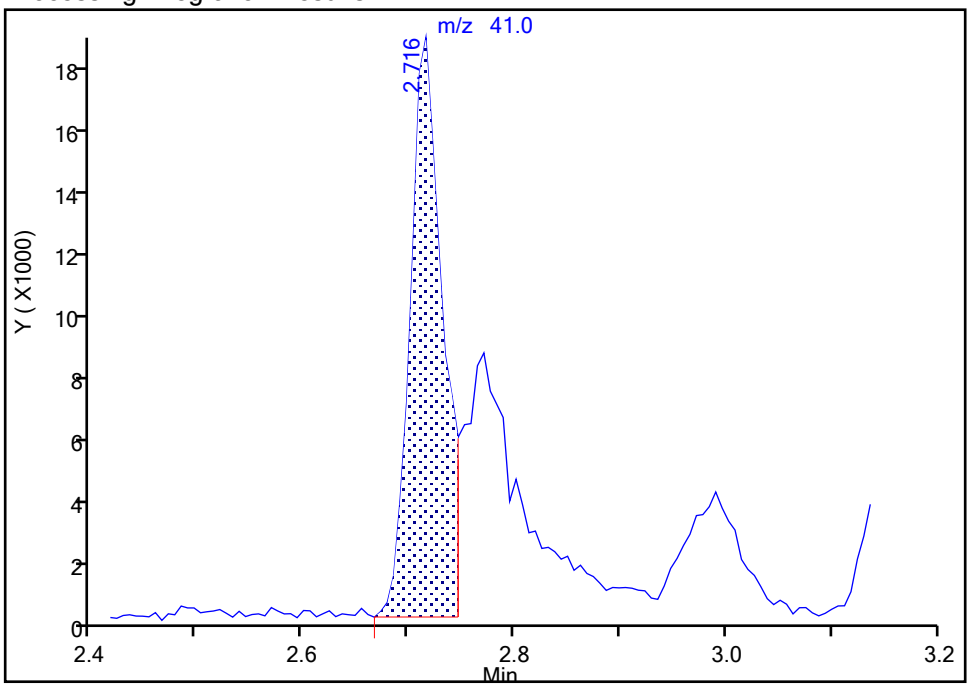
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

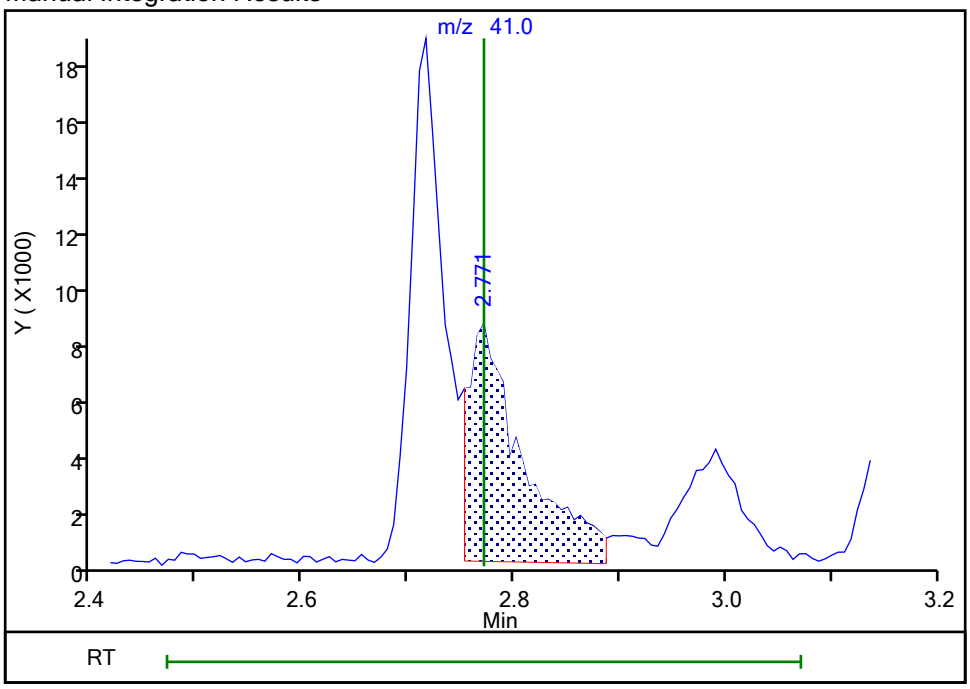
Processing Integration Results

RT: 2.72
Area: 38907
Amount: 45.604081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 30008
Amount: 59.255226
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

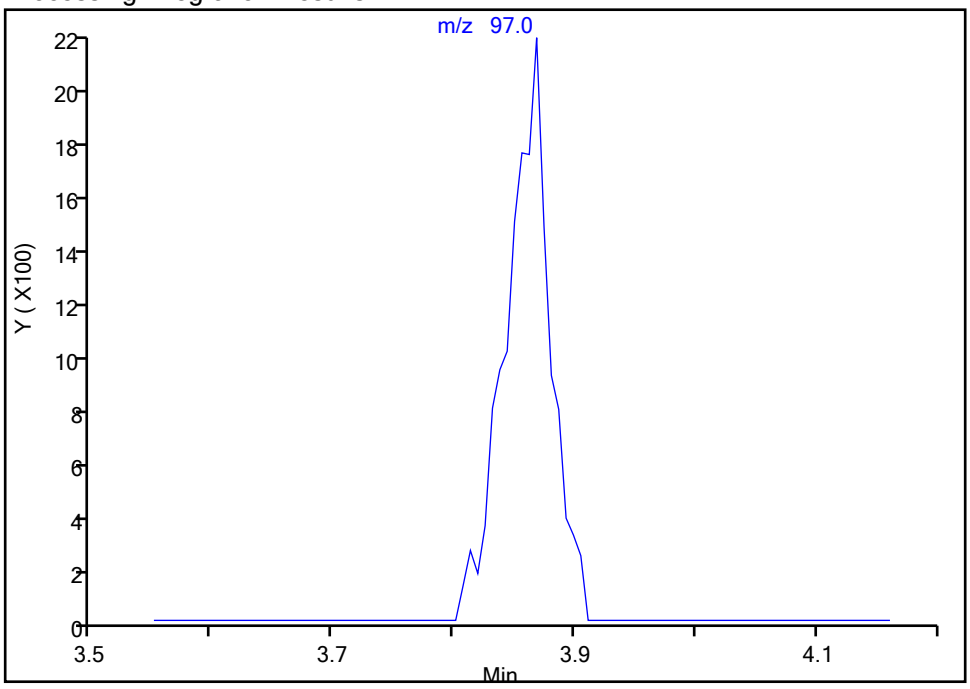
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

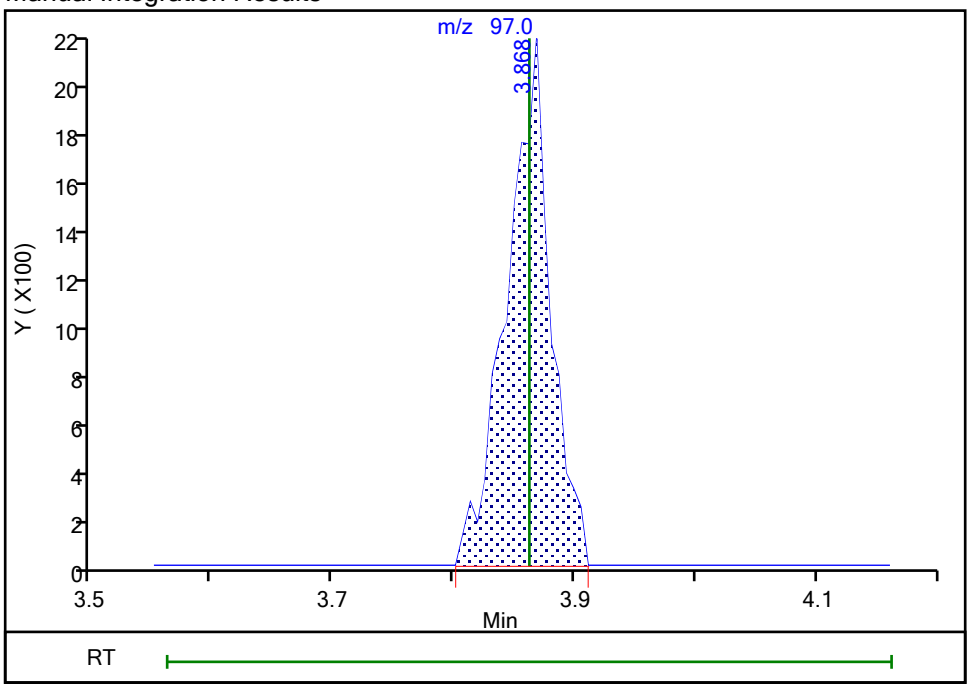
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 5417
Amount: 4.969328
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

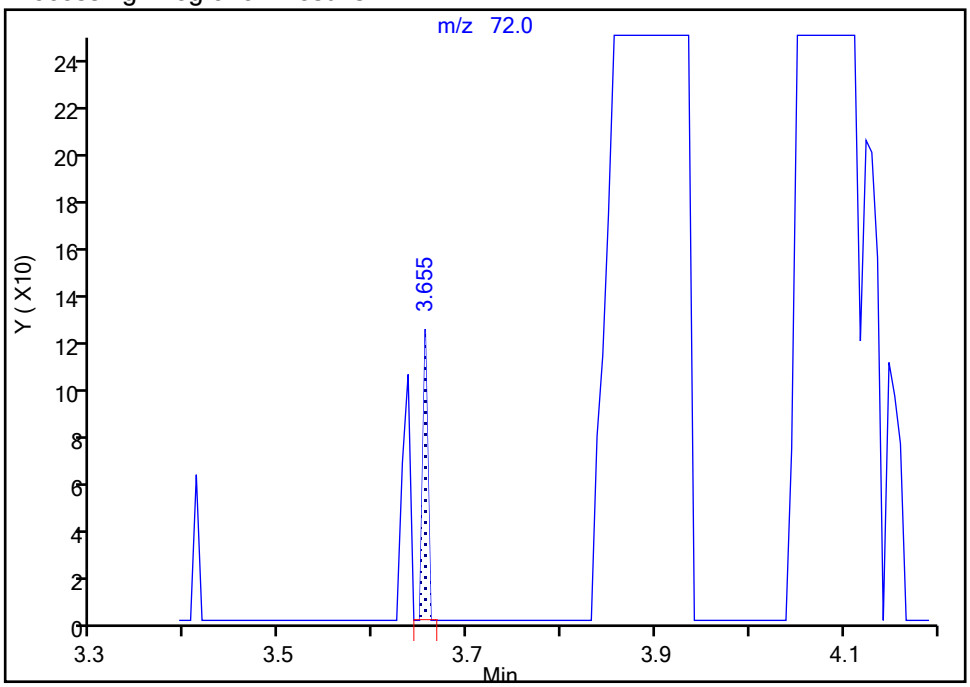
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Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

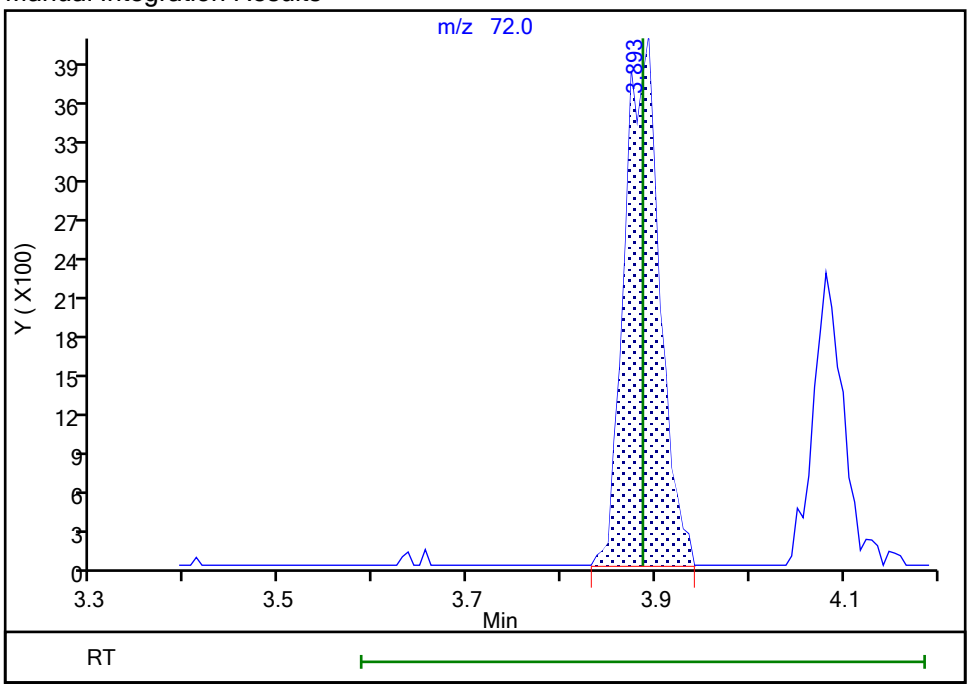
Processing Integration Results

RT: 3.65
Area: 45
Amount: 0.140999
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 10594
Amount: 24.795886
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

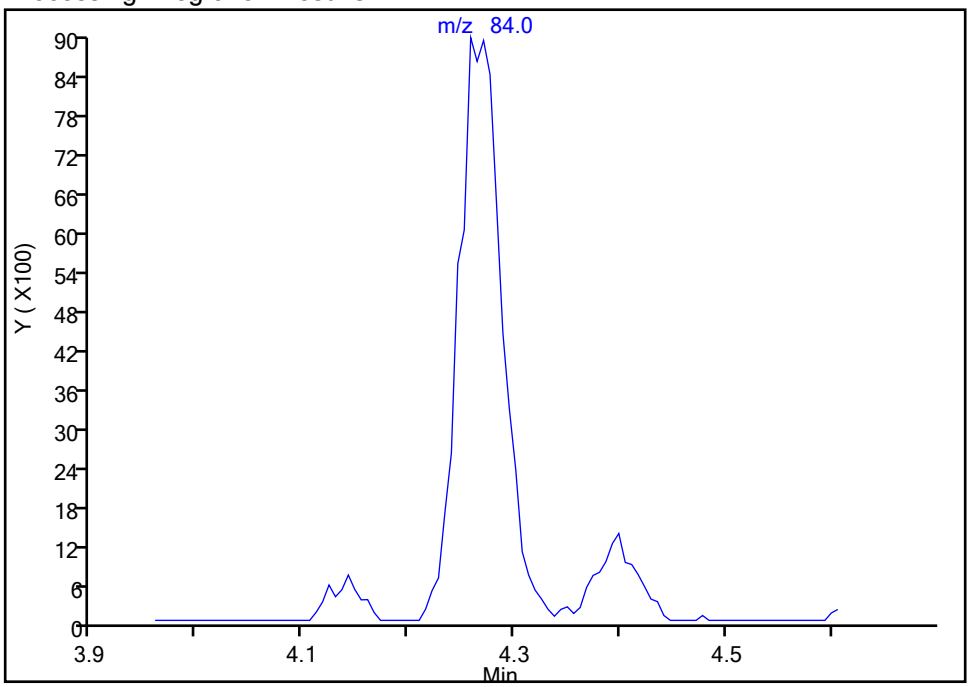
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

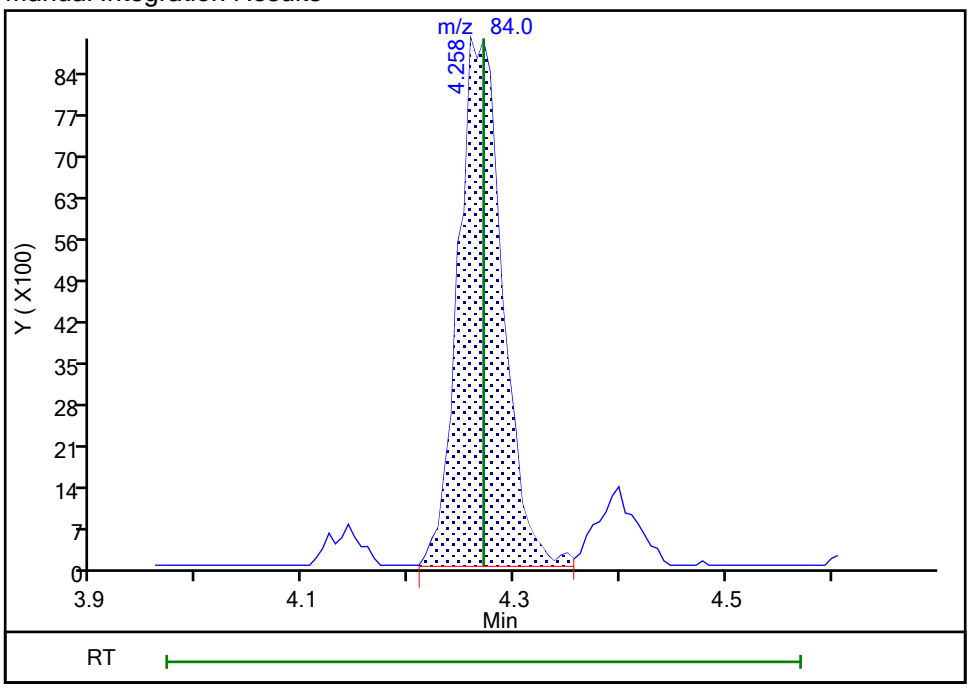
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 26195
Amount: 5.359147
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

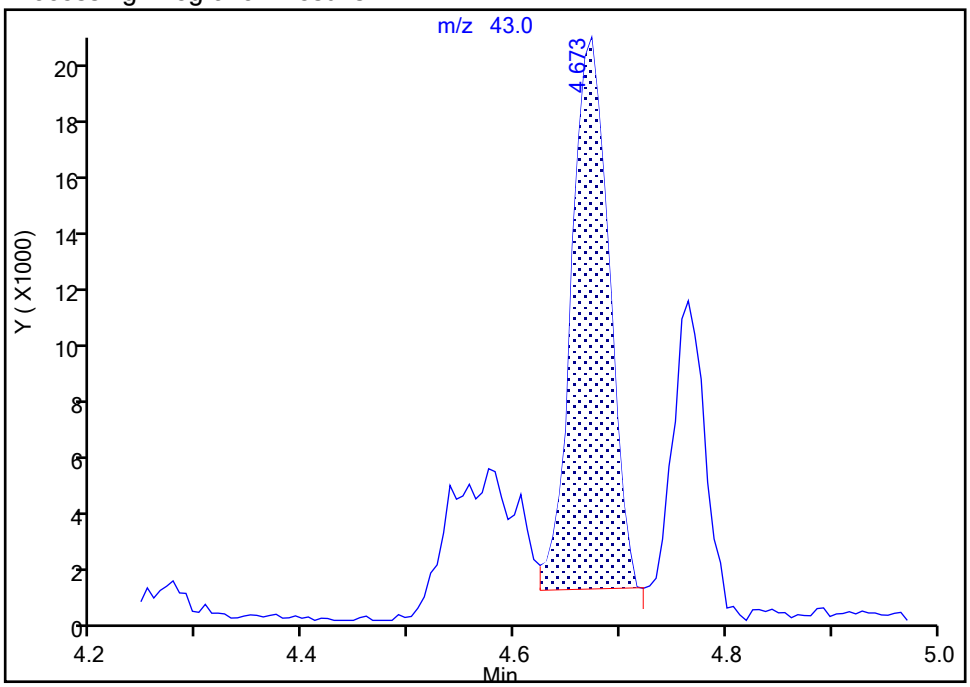
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

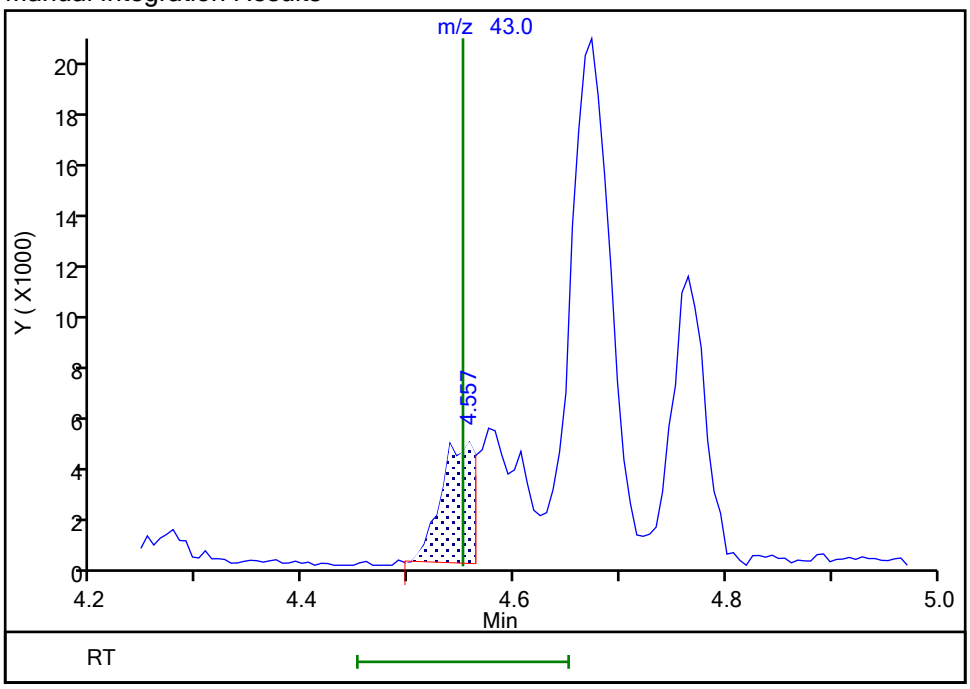
Processing Integration Results

RT: 4.67
Area: 47019
Amount: 120.6029
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 10579
Amount: 116.8039
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:35:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

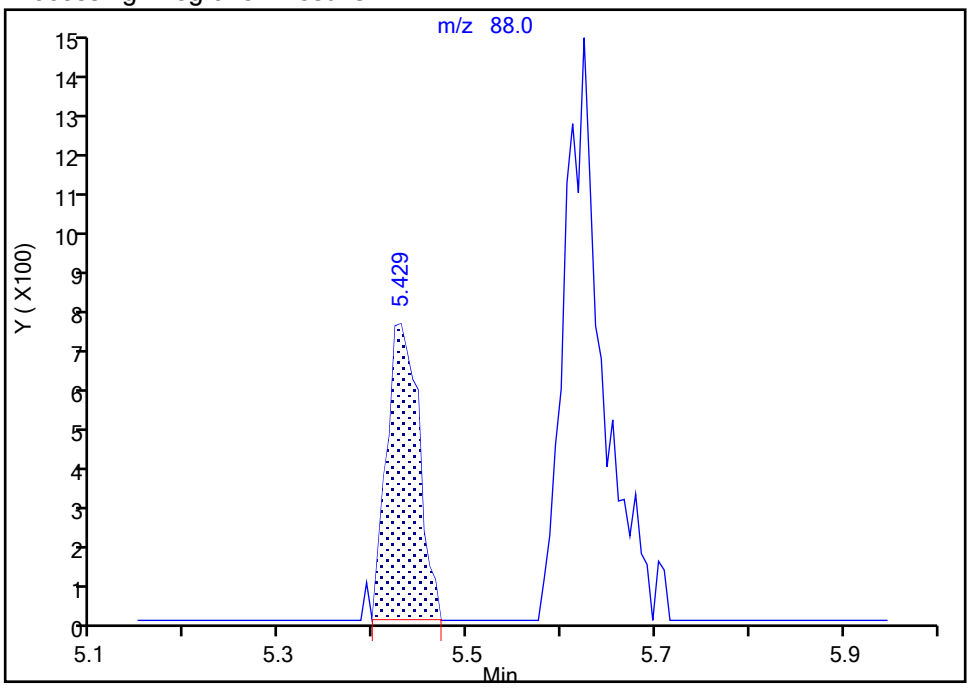
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

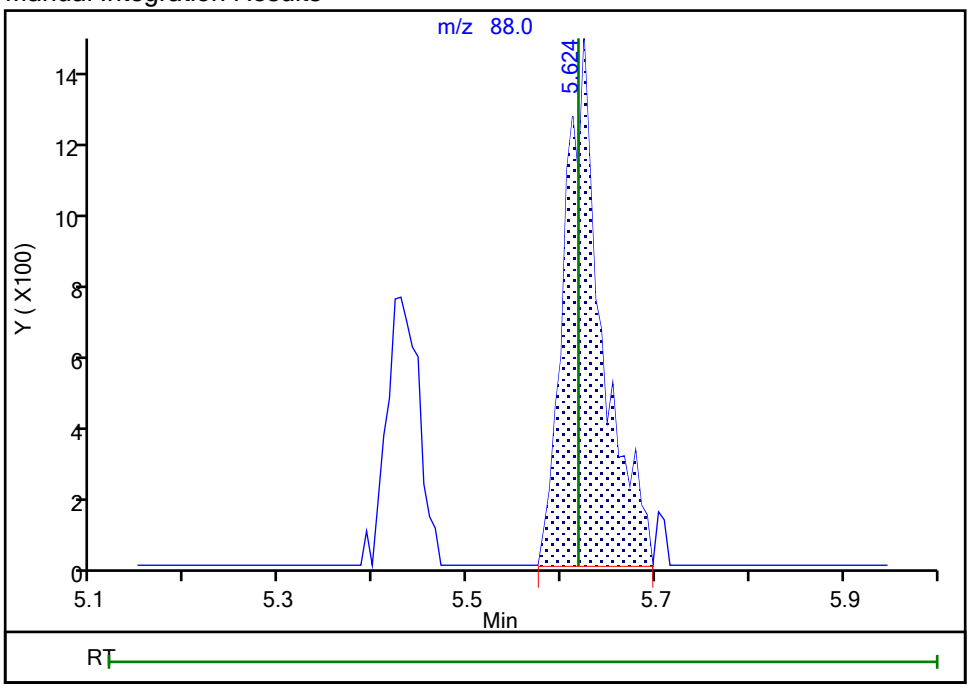
Processing Integration Results

RT: 5.43
Area: 1745
Amount: 101.5721
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 4008
Amount: 101.3031
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

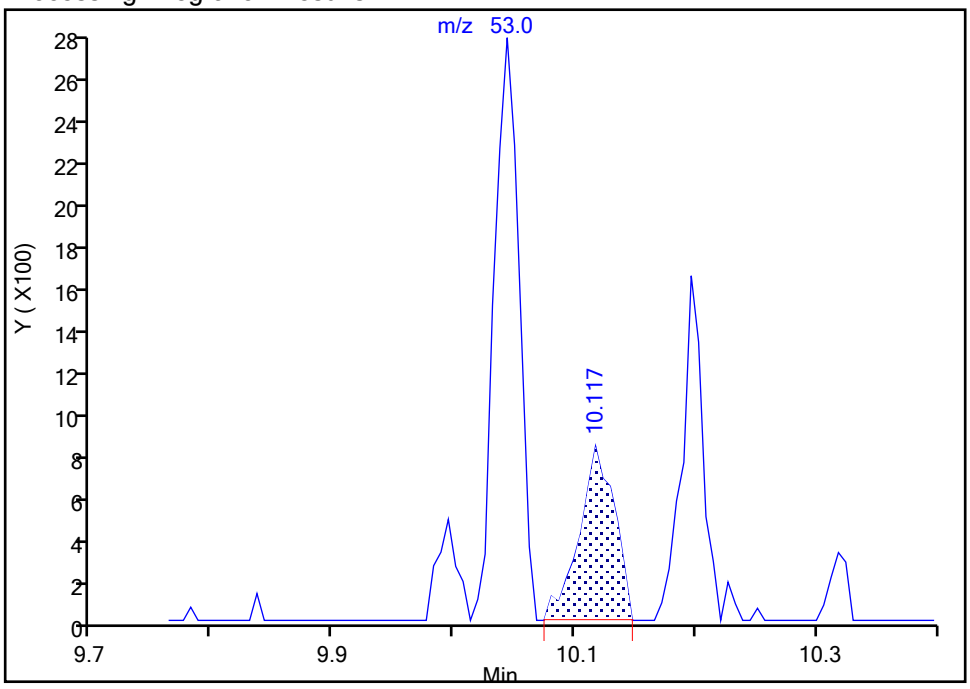
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

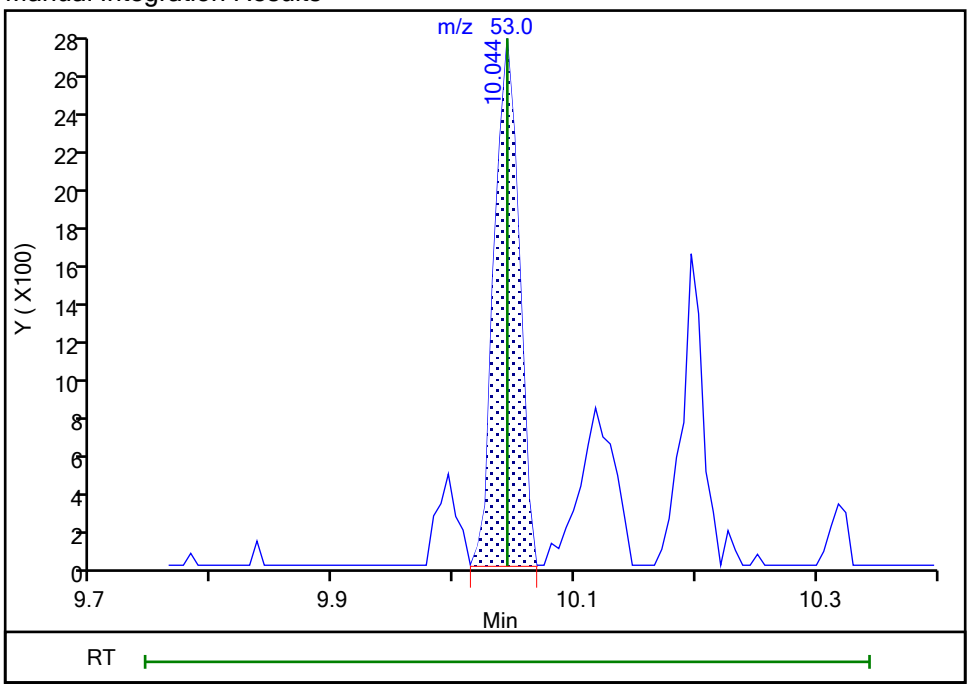
Processing Integration Results

RT: 10.12
Area: 1662
Amount: 2.659807
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 3923
Amount: 4.091967
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

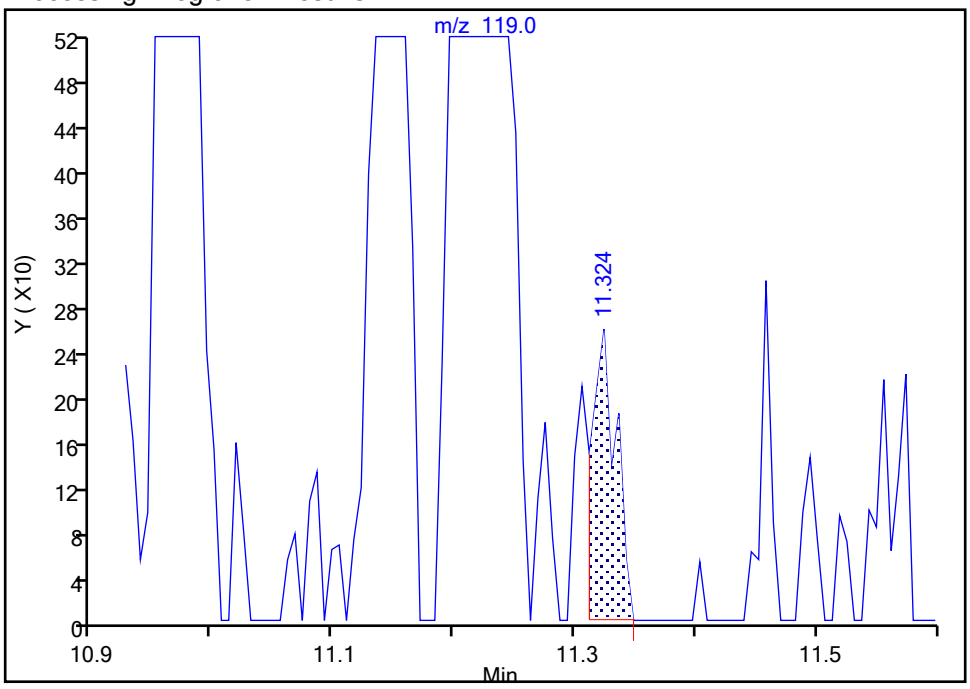
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

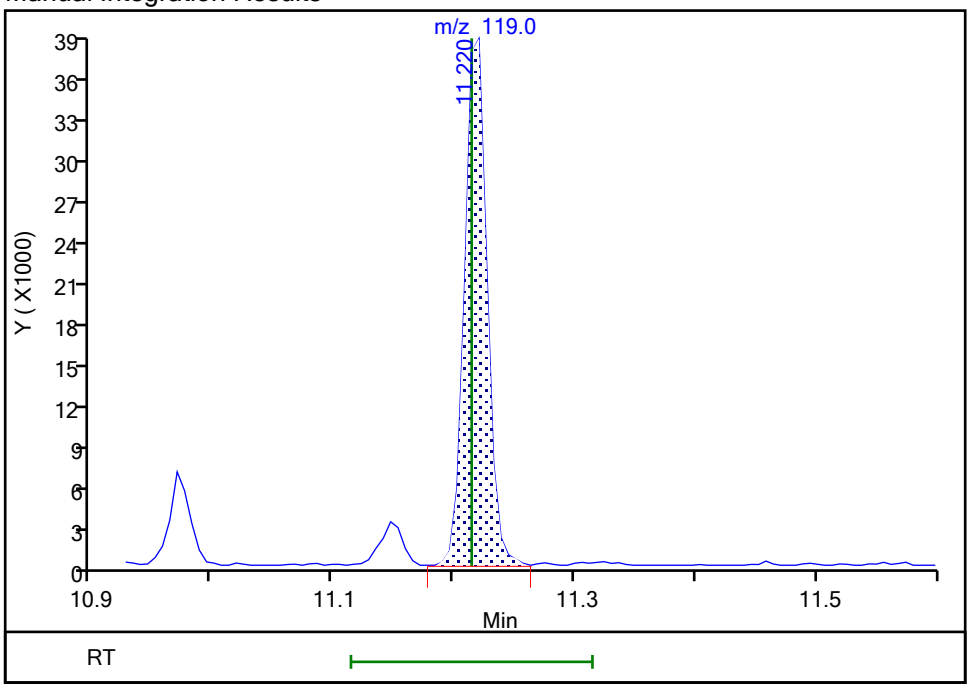
Processing Integration Results

RT: 11.32
Area: 360
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 49589
Amount: 5.266029
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 30-Aug-2024 09:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0180260-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:04 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:59:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	44	1170	20.0	22.4	a
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	51	19442	20.0	27.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	37121	20.0	19.5	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	64	90798	20.0	20.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	13027	20.0	23.9	a
6 Chloromethane	50	1.491	1.491	0.000	99	112662	20.0	20.8	
7 Vinyl chloride	62	1.558	1.558	0.000	97	93409	20.0	19.7	
8 Butadiene	54	1.570	1.570	0.000	96	91514	20.0	20.5	
9 Bromomethane	94	1.820	1.820	0.000	99	69906	20.0	20.9	
10 Chloroethane	64	1.881	1.881	0.000	99	56795	20.0	18.2	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	155424	20.0	19.5	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	56	97371	20.0	20.3	
13 Pentane	72	2.070	2.070	0.000	97	12371	40.0	22.0	
14 Ethanol	46	2.234	2.234	0.000	75	14031	800.0	746.2	
15 Ethyl ether	74	2.234	2.234	0.000	95	45741	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	46358	20.0	14.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	64690	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	94	106189	20.0	19.9	
19 Acrolein	56	2.387	2.387	0.000	97	27263	40.0	42.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	83	39322	20.0	13.5	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	53707	20.0	15.1	
22 Acetone	43	2.497	2.497	0.000	87	98299	100.0	83.5	
23 Iodomethane	142	2.570	2.570	0.000	96	112682	20.0	18.5	
25 Isopropyl alcohol	45	2.588	2.588	0.000	31	32866	200.0	173.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	208546	20.0	16.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	42210	20.0	17.5	
27 Methyl acetate	43	2.722	2.722	0.000	98	116061	40.0	38.9	
28 Cyclopentene	67	2.734	2.734	0.000	92	113930	20.0	15.3	
29 Acetonitrile	41	2.771	2.771	0.000	95	107930	200.0	211.9	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	46509	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	81396	20.0	18.5	
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	92	56492	200.0	186.7	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	214874	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	68954	20.0	18.1	
35 Acrylonitrile	53	3.070	3.070	0.000	95	296415	200.0	200.9	
36 Hexane	57	3.155	3.155	0.000	94	58343	20.0	14.6	
37 Isopropyl ether	45	3.356	3.356	0.000	96	249997	20.0	19.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	100	131331	20.0	18.6	
39 Vinyl acetate	86	3.393	3.393	0.000	100	21364	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	55366	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	237711	20.0	20.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	409216	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	46	20384	20.0	18.8	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	95	78756	20.0	18.2	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	39252	100.0	91.3	
46 Ethyl acetate	70	3.887	3.887	0.000	94	14658	40.0	38.9	
47 Methyl acrylate	55	3.941	3.941	0.000	100	62688	20.0	19.9	
48 Propionitrile	54	4.009	4.009	0.000	98	105890	200.0	198.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	56	18717	40.0	36.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	39394	20.0	18.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	310440	200.0	208.3	
52 Chloroform	83	4.143	4.143	0.000	99	119706	20.0	19.0	
53 Cyclohexane	84	4.271	4.271	0.000	93	71026	20.0	14.6	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	78	81308	20.0	17.5	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181765	50.0	50.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	51314	20.0	16.7	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	85126	20.0	17.8	
58 Isobutyl alcohol	43	4.551	4.551	0.000	89	59457	500.0	587.9	a
59 Isooctane	57	4.582	4.582	0.000	96	163531	20.0	14.6	
60 Benzene	78	4.612	4.612	0.000	96	281551	20.0	18.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209757	50.0	48.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	85	225670	20.0	19.0	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	38158	20.0	19.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	92940	20.0	19.0	
65 n-Heptane	100	4.771	4.771	0.000	95	10281	20.0	15.5	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	750665	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	88	30234	500.0	446.8	
68 Trichloroethene	95	5.228	5.228	0.000	98	65984	20.0	18.5	
69 Methylcyclohexane	83	5.356	5.356	0.000	74	82214	20.0	14.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	7693	20.0	13.1	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	78711	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	34687	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	33958	40.0	40.6	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	14292	400.0	379.2	
74 Dibromomethane	93	5.630	5.630	0.000	95	44051	20.0	19.2	
76 n-Propyl acetate	43	5.648	5.648	0.000	100	94713	20.0	18.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	75848	20.0	18.4	
78 2-Nitropropane	41	6.112	6.112	0.000	76	17241	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	46237	20.0	18.7	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	135521	400.0	390.4	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	107960	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	141420	100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	708732	50.0	49.6	
84 Toluene	91	6.587	6.587	0.000	93	285919	20.0	17.1	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	92220	20.0	19.3	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	80867	20.0	16.3	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	53882	20.0	19.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	63942	20.0	18.2	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	108095	20.0	19.6	
90 2-Hexanone	43	7.423	7.423	0.000	97	235893	100.0	103.2	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	95962	20.0	19.1	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	47553	20.0	18.2	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	59584	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	533106	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	186358	20.0	19.2	
96 Ethylbenzene	106	8.410	8.410	0.000	99	99148	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	92	48055	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	121807	20.0	19.3	
99 o-Xylene	106	9.087	9.087	0.000	94	126998	20.0	19.8	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	43763	20.0	20.5	
101 Styrene	104	9.123	9.123	0.000	95	204083	20.0	20.1	
102 Bromoform	173	9.367	9.367	0.000	96	27602	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	109884	20.0	14.2	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	274104	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	94	223148	50.0	49.8	
106 Bromobenzene	156	9.898	9.898	0.000	98	81261	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	82414	20.0	20.1	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	361817	20.0	18.8	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	97	23342	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	82	16928	20.0	17.9	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	256171	20.0	19.0	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	310997	20.0	19.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	256000	20.0	19.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	255786	20.0	19.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	92	65832	20.0	12.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	205306	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	270226	20.0	19.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	314892	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	158427	20.0	19.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	282371	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	297836	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	97	160218	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	295403	20.0	19.6	
124 Benzyl chloride	91	11.086	11.086	0.000	98	115528	20.0	19.8	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	290937	20.0	20.3	
126 p-Diethylbenzene	119	11.214	11.214	0.000	93	182074	20.0	19.6	a
127 n-Butylbenzene	92	11.239	11.239	0.000	98	152024	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	162977	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	290271	20.0	20.0	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	91	9829	20.0	16.8	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	135169	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	127533	20.0	20.5	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	59875	20.0	18.7	
134 Naphthalene	128	12.775	12.775	0.000	99	299067	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	124400	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.3	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.4	
S 140 Total BTEX	1				0		100.0	93.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D

Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17

Lims ID: STD20

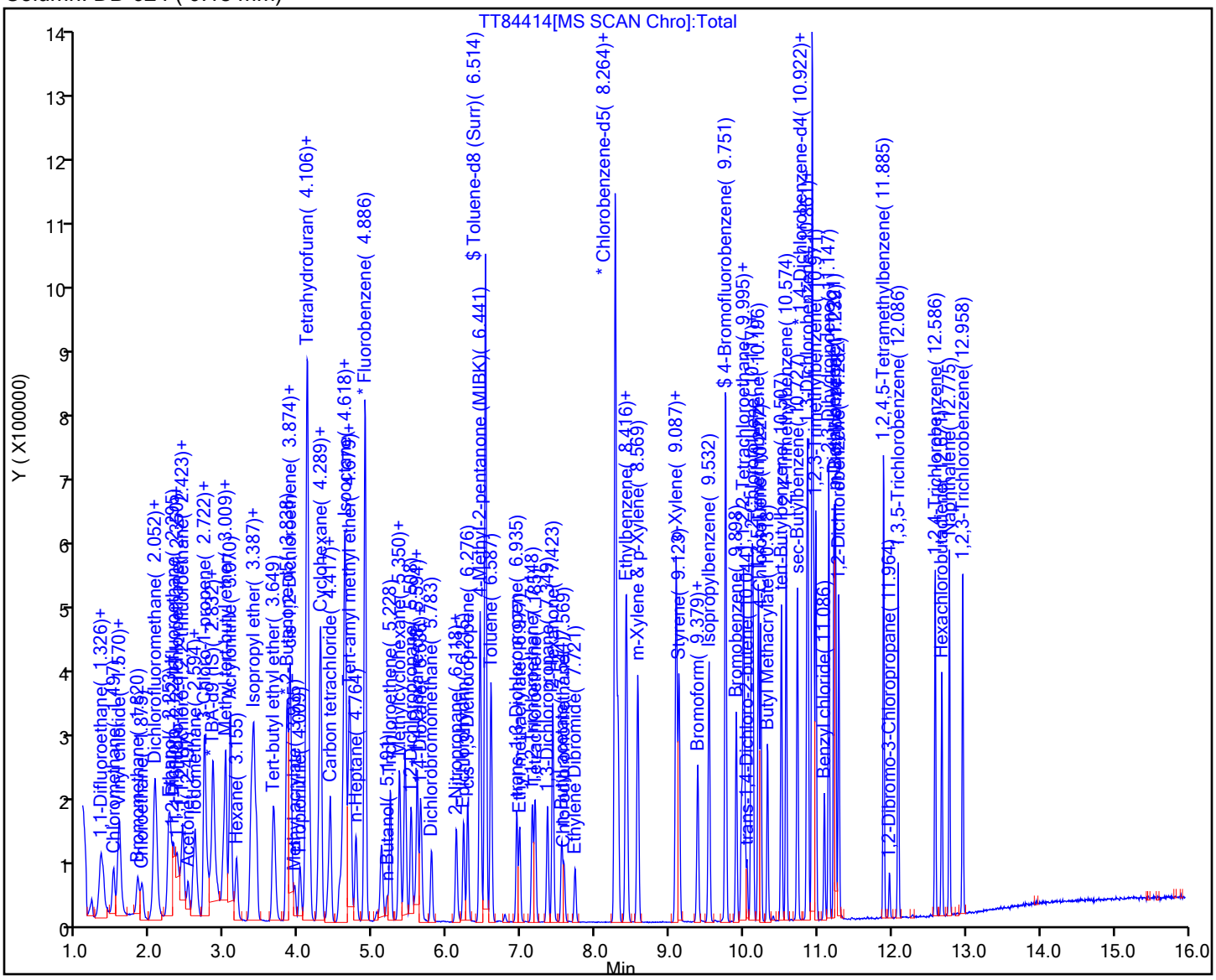
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

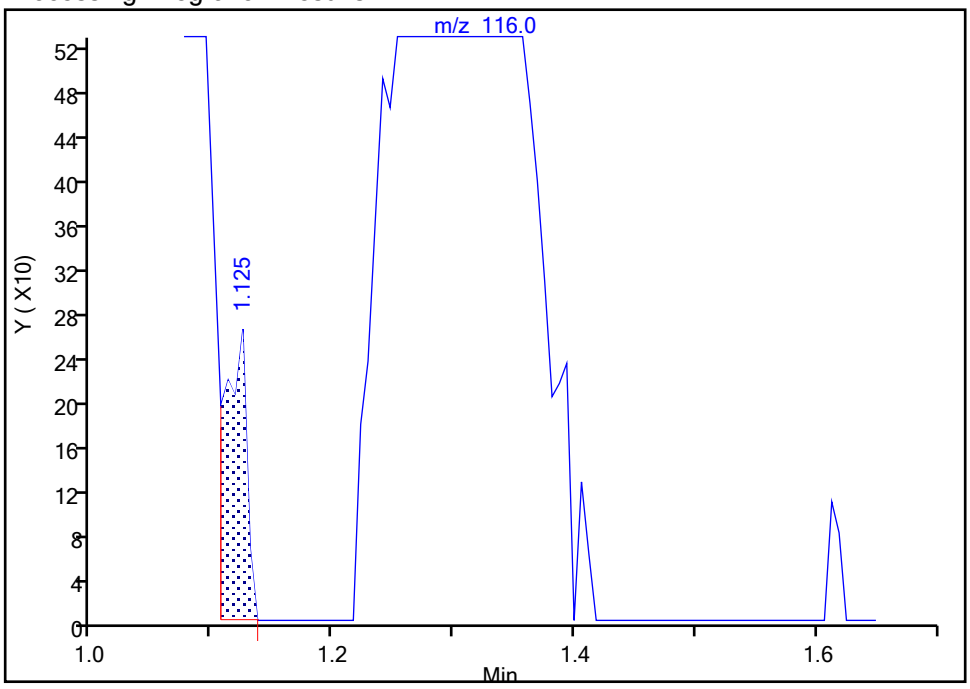
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

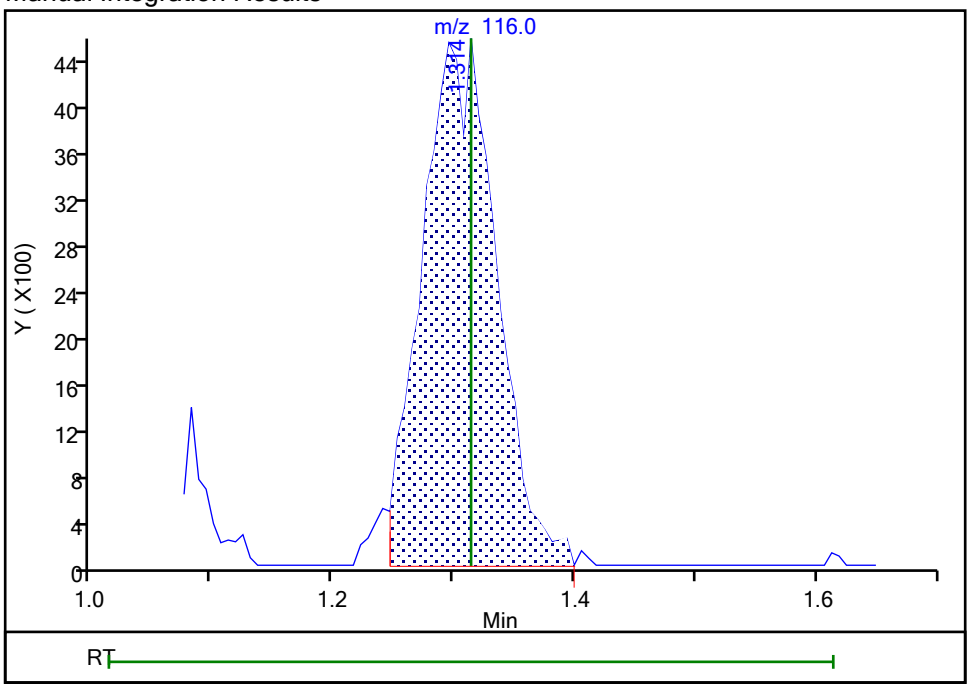
Processing Integration Results

RT: 1.12
Area: 344
Amount: 0.906463
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 19442
Amount: 27.125825
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

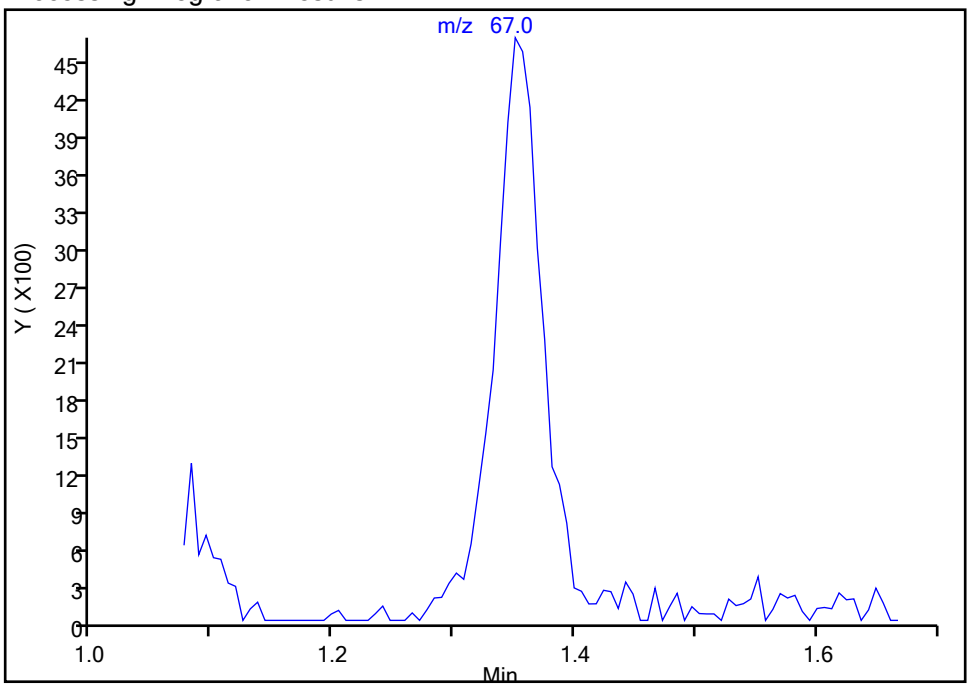
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

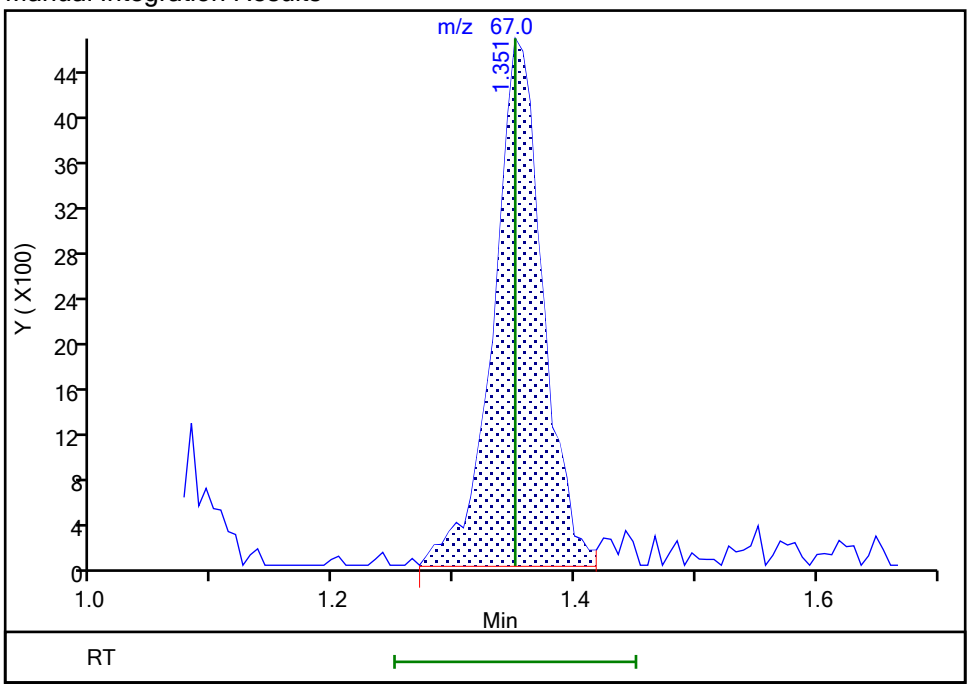
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 13027
Amount: 23.870588
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

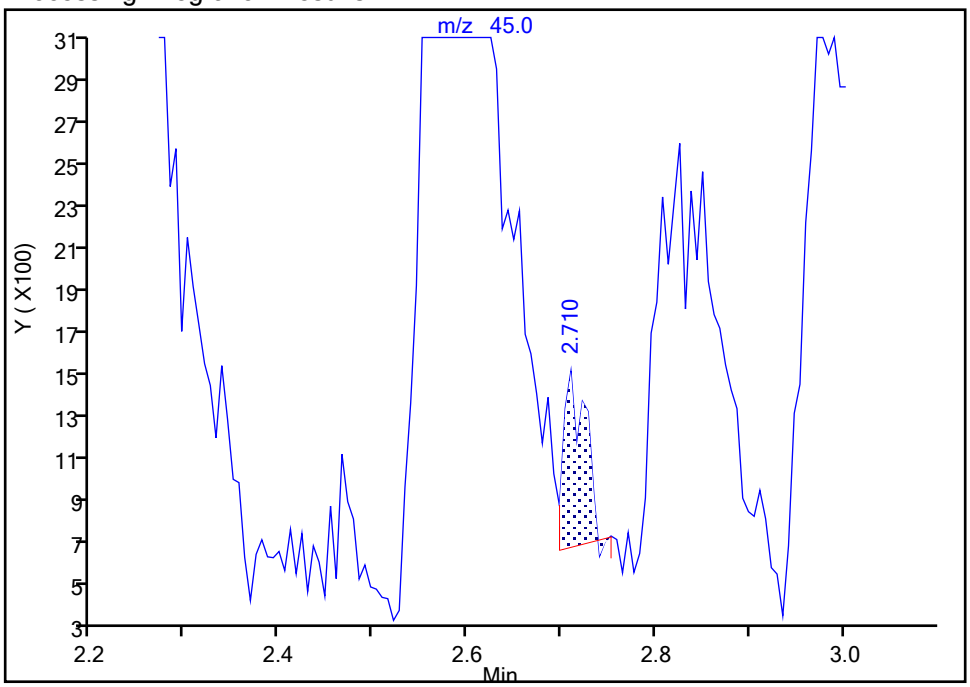
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

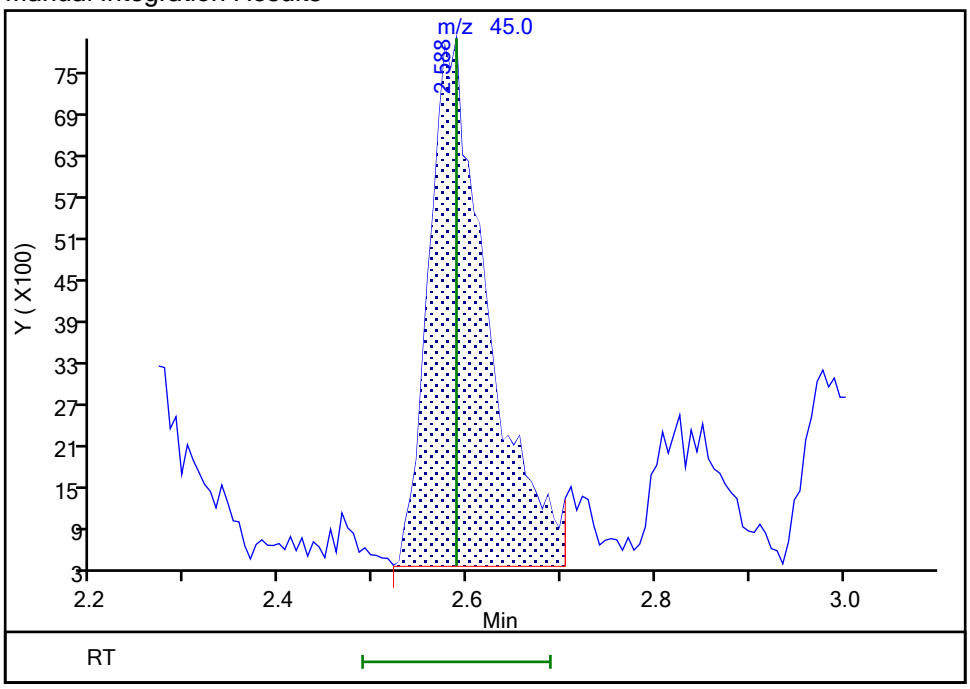
Processing Integration Results

RT: 2.71
Area: 1258
Amount: 1.318238
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 32866
Amount: 173.7615
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

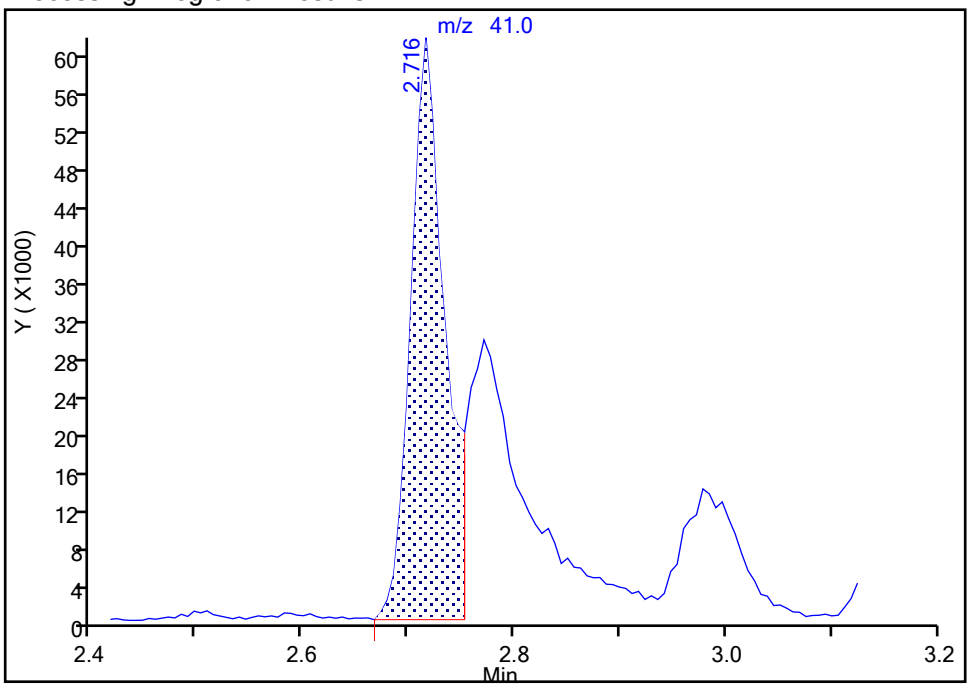
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

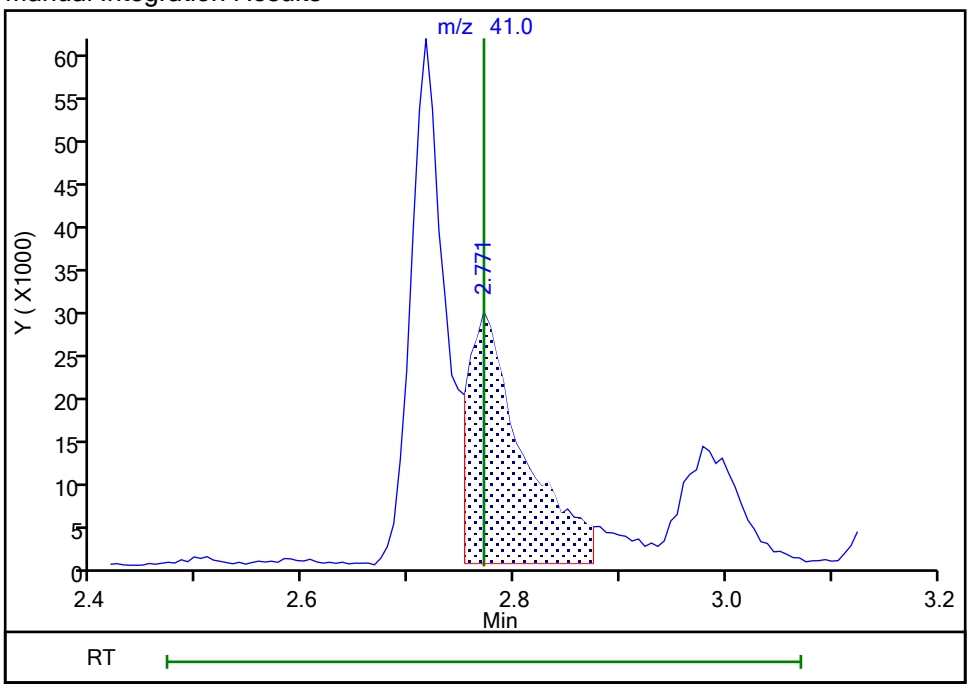
Processing Integration Results

RT: 2.72
Area: 138724
Amount: 213.4372
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 107930
Amount: 211.8852
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

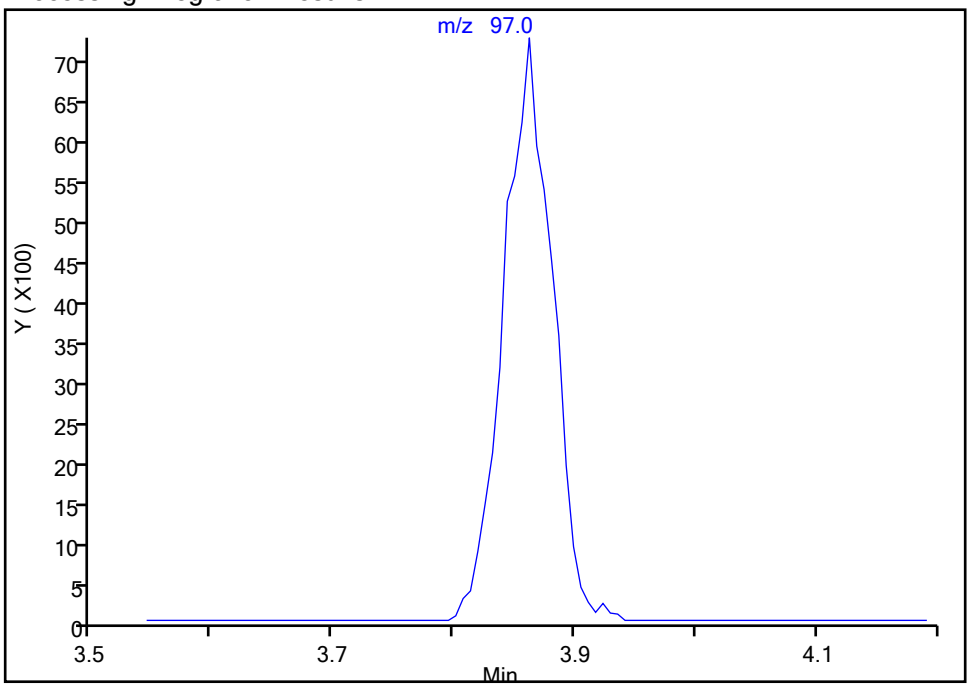
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

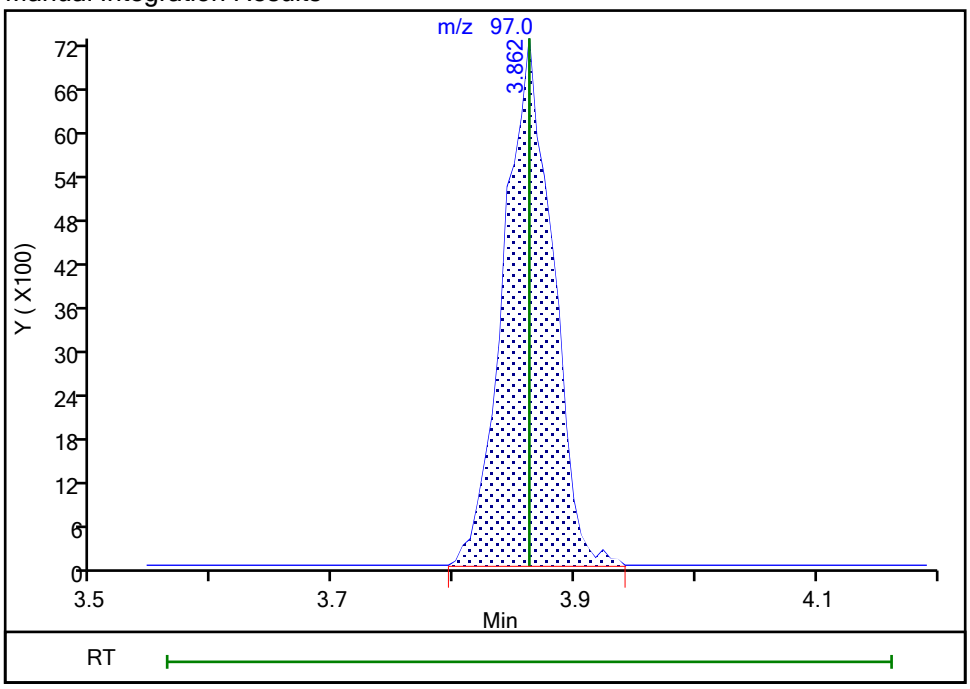
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 20384
Amount: 18.766982
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

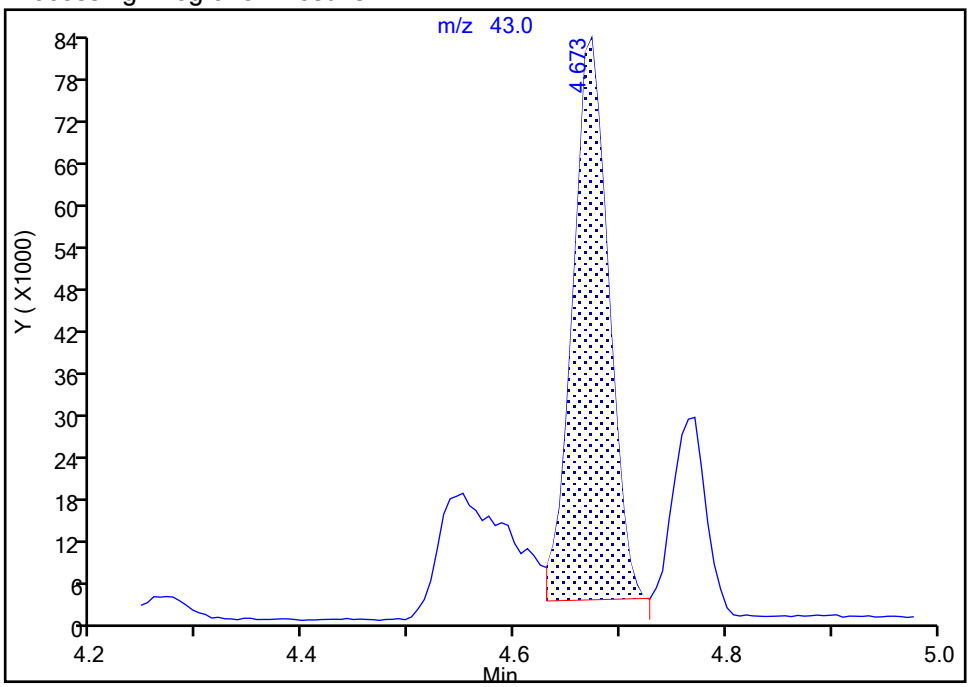
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

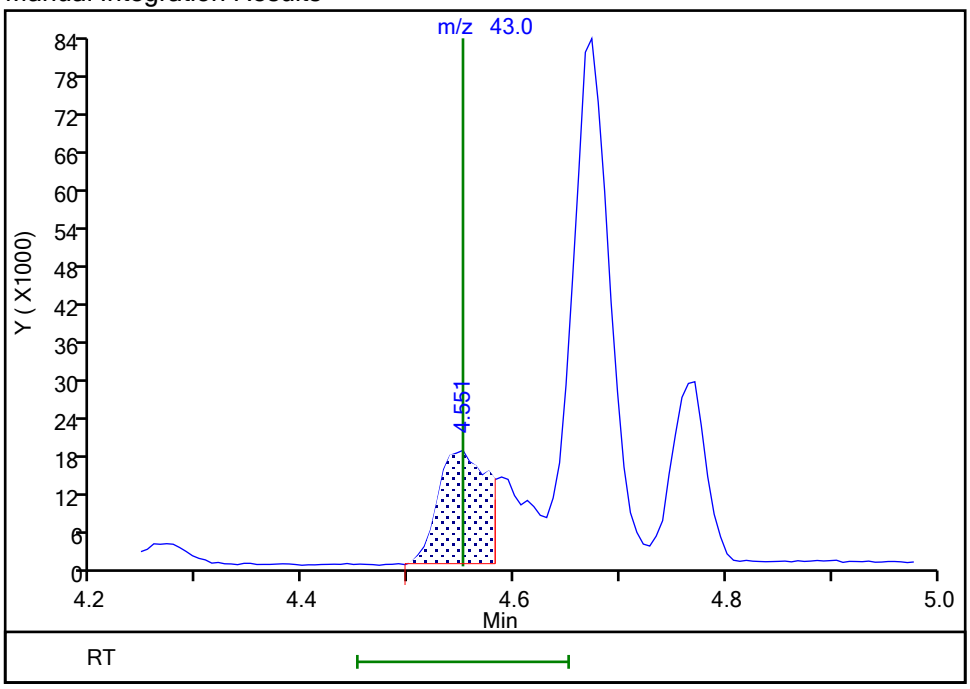
Processing Integration Results

RT: 4.67
Area: 190670
Amount: 500.1880
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 59457
Amount: 587.9431
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

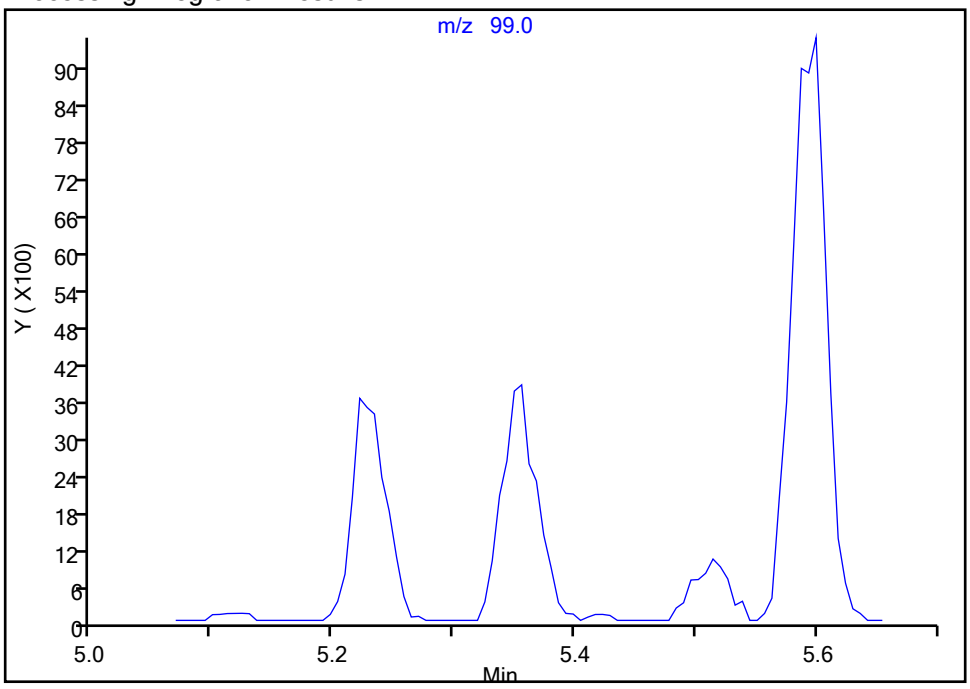
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

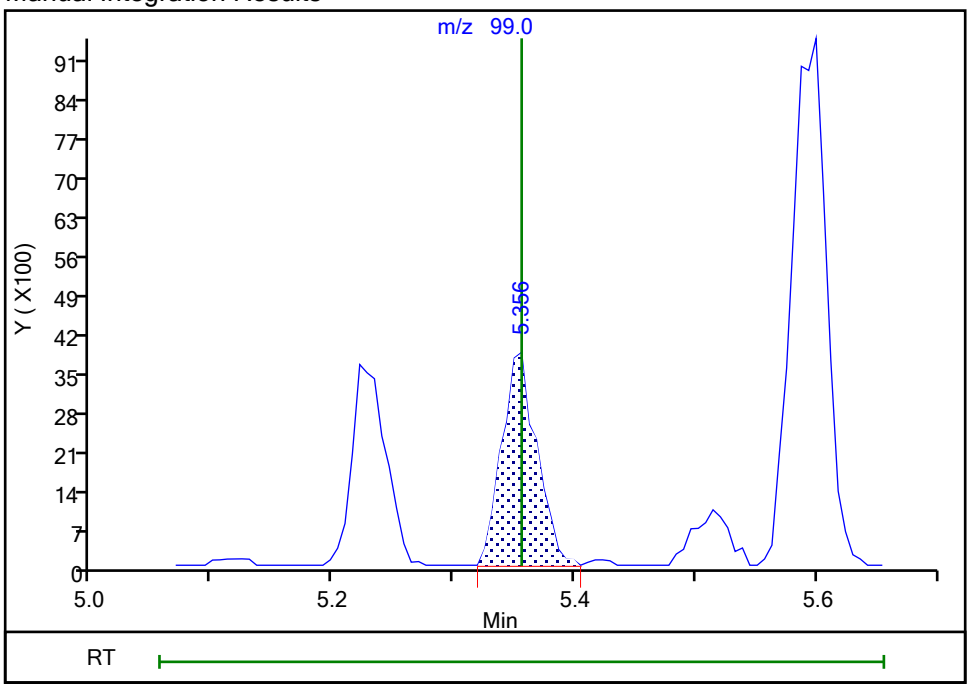
Not Detected
Expected RT: 5.36

Processing Integration Results



Manual Integration Results

RT: 5.36
Area: 7693
Amount: 13.123373
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:57:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

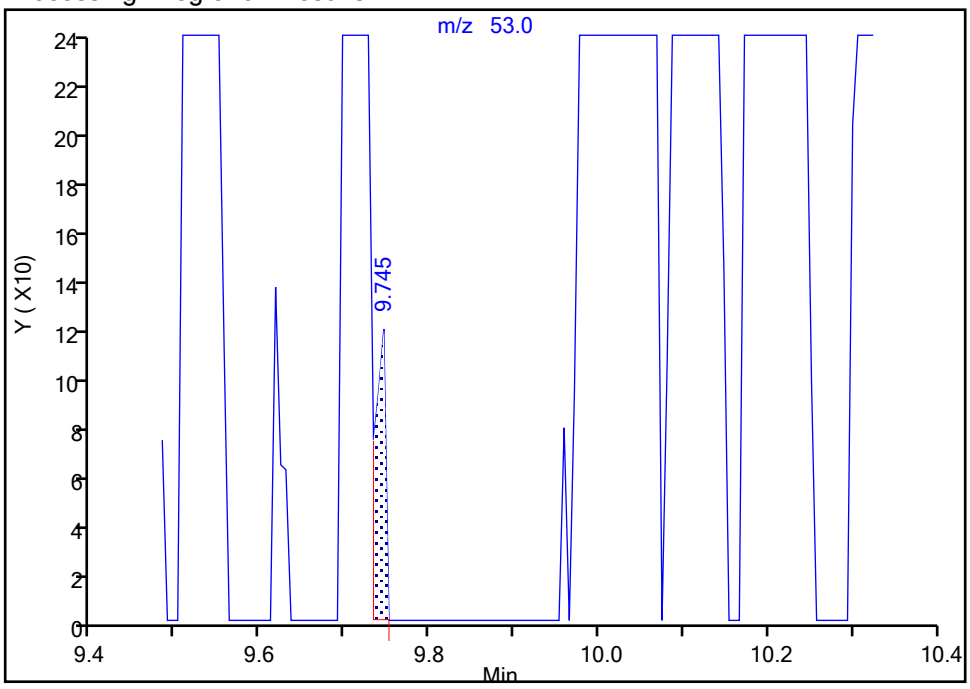
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

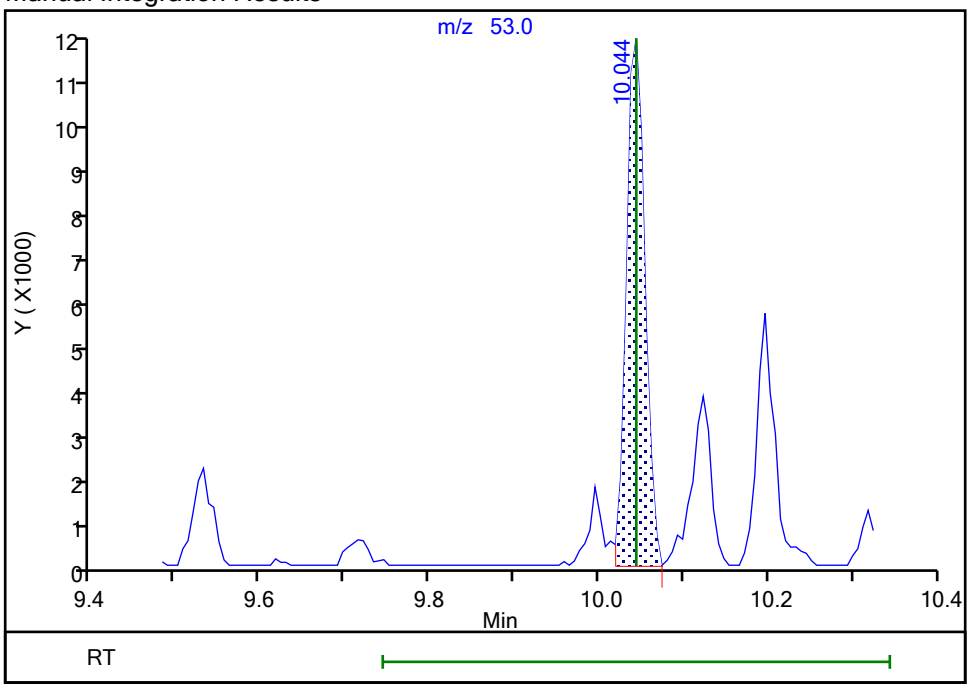
Processing Integration Results

RT: 9.75
Area: 104
Amount: 0.174153
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 16928
Amount: 17.889084
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

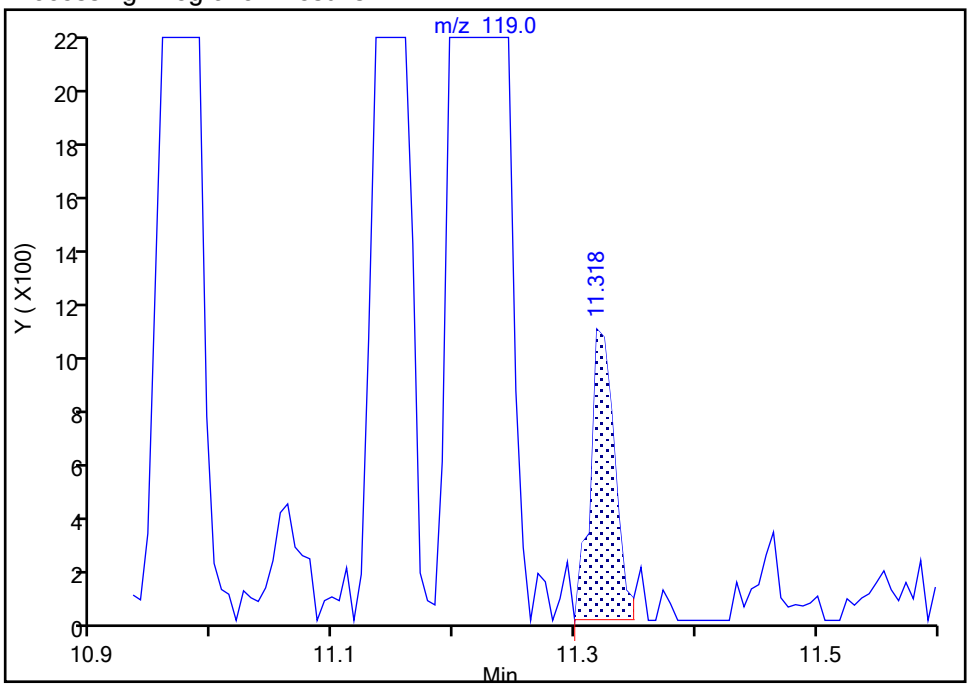
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

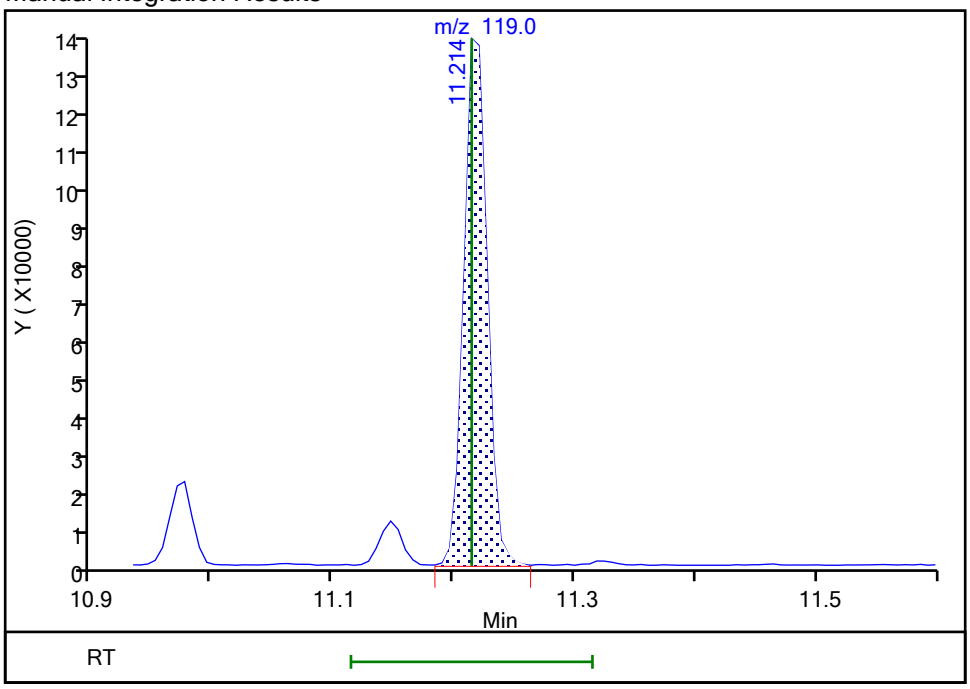
Processing Integration Results

RT: 11.32
Area: 1519
Amount: 0.219427
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 182074
Amount: 19.589099
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Aug-2024 09:45:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0180260-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:28 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:29:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	71	4253	50.0	69.5	
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	83	53801	50.0	71.8	a
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	92	98599	50.0	51.2	a
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	67	207020	50.0	45.3	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	34831	50.0	62.2	
6 Chloromethane	50	1.491	1.491	0.000	98	282674	50.0	51.6	
7 Vinyl chloride	62	1.564	1.558	0.006	97	228967	50.0	47.6	
8 Butadiene	54	1.570	1.570	0.000	97	216587	50.0	48.0	
9 Bromomethane	94	1.820	1.820	0.000	99	172000	50.0	50.7	
10 Chloroethane	64	1.881	1.881	0.000	100	141736	50.0	44.7	
11 Dichlorofluoromethane	67	2.040	2.039	0.001	99	395205	50.0	48.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	50	233053	50.0	47.9	
13 Pentane	72	2.064	2.070	-0.006	97	60290	100.0	109.2	
14 Ethanol	46	2.229	2.234	-0.006	78	35649	2000.0	1879.4	
15 Ethyl ether	74	2.229	2.234	-0.006	94	121906	50.0	53.2	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	96	172034	50.0	54.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	169711	50.0	55.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	92	274264	50.0	50.7	
19 Acrolein	56	2.393	2.387	0.006	95	64502	100.0	98.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	94	162278	50.0	55.0	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	96	172977	50.0	48.1	
22 Acetone	43	2.503	2.497	0.006	86	290517	250.0	237.2	
23 Iodomethane	142	2.570	2.570	0.000	97	326506	50.0	52.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	31	101890	500.0	482.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	668760	50.0	52.1	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	97	126041	50.0	51.6	
27 Methyl acetate	43	2.722	2.722	0.000	100	310991	100.0	102.9	
28 Cyclopentene	67	2.735	2.734	0.000	94	406899	50.0	53.9	
29 Acetonitrile	41	2.771	2.771	0.000	95	314535	500.0	593.2	
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	51962	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	95	217627	50.0	48.9	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	180527	500.0	534.1	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	563175	50.0	50.8	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	199528	50.0	51.6	
35 Acrylonitrile	53	3.070	3.070	0.000	95	784684	500.0	524.9	
36 Hexane	57	3.155	3.155	0.000	94	262399	50.0	64.9	
37 Isopropyl ether	45	3.356	3.356	0.000	95	680621	50.0	51.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	368161	50.0	51.4	
39 Vinyl acetate	86	3.393	3.393	0.000	100	61212	100.0	104.1	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	170832	50.0	52.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	621479	50.0	52.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	425965	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	94	59779	50.0	54.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	94	220273	50.0	50.4	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	107537	250.0	240.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	39794	100.0	101.5	
47 Methyl acrylate	55	3.942	3.941	0.001	99	172034	50.0	53.8	
48 Propionitrile	54	4.009	4.009	0.000	98	283613	500.0	476.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	50643	100.0	94.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	107921	50.0	50.5	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	827560	500.0	548.1	
52 Chloroform	83	4.143	4.143	0.000	99	327502	50.0	51.3	
53 Cyclohexane	84	4.271	4.271	0.000	93	274015	50.0	55.5	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	98	246535	50.0	52.4	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	185359	50.0	50.4	
56 Carbon tetrachloride	117	4.393	4.393	0.000	98	172948	50.0	55.7	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	97	258246	50.0	53.4	
58 Isobutyl alcohol	43	4.551	4.551	0.000	95	157092	1250.0	1390.4	
59 Isooctane	57	4.588	4.582	0.006	97	662562	50.0	58.3	
60 Benzene	78	4.612	4.612	0.000	97	789641	50.0	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	220651	50.0	50.7	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	91	659971	50.0	54.7	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	105081	50.0	52.9	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	96	247739	50.0	49.9	
65 n-Heptane	100	4.765	4.771	-0.006	94	43952	50.0	65.5	
* 66 Fluorobenzene	96	4.887	4.886	0.001	98	760583	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	90	95838	1250.0	1267.6	
68 Trichloroethene	95	5.228	5.228	0.000	99	192609	50.0	53.4	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	306689	50.0	54.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	27410	50.0	47.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	209351	50.0	51.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38624	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	96525	100.0	113.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	40830	1000.0	972.8	
74 Dibromomethane	93	5.636	5.630	0.006	96	116441	50.0	50.2	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	261956	50.0	50.1	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	210962	50.0	50.5	
78 2-Nitropropane	41	6.112	6.112	0.000	75	48209	100.0	96.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	130234	50.1	52.0	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	369479	1000.0	1022.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.000	92	308760	50.0	53.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	398487	250.0	267.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	724540	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	94	786819	50.0	46.4	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	259110	50.0	53.7	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	91	244497	50.0	48.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	143222	50.0	51.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	187252	50.0	52.7	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	288130	50.0	51.5	
90 2-Hexanone	43	7.423	7.423	0.001	97	657031	250.0	276.2	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	289879	50.0	56.9	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	144311	50.0	54.5	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	164226	50.0	52.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	539727	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	512880	50.0	52.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	282468	50.0	53.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	150105	50.0	52.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	345782	50.0	54.3	
99 o-Xylene	106	9.087	9.087	0.000	94	350433	50.0	53.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	141751	50.0	65.7	
101 Styrene	104	9.124	9.123	0.001	95	569661	50.0	55.3	
102 Bromoform	173	9.373	9.367	0.006	97	86385	50.0	54.8	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	362356	50.0	45.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	790679	50.0	53.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	229236	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	98	226091	50.0	51.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	224690	50.0	53.0	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	1031101	50.0	51.8	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	62032	50.0	51.3	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	55143	50.0	56.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	709689	50.0	50.8	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	868359	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	720436	50.0	52.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	707720	50.0	52.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	237463	50.0	44.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	611290	50.0	52.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	759181	50.0	52.8	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	935405	50.0	53.2	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	439369	50.0	51.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	97	815553	50.0	54.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	308318	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	95	439317	50.0	51.4	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	824614	50.0	52.8	
124 Benzyl chloride	91	11.087	11.086	0.001	99	356575	50.0	59.0	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	793118	50.0	53.4	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	521107	50.0	54.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	440576	50.0	53.4	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	430887	50.0	51.1	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	803294	50.0	53.4	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.000	94	32290	50.0	51.6	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	369501	50.0	51.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	353761	50.0	54.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	175312	50.0	52.9	
134 Naphthalene	128	12.775	12.775	0.000	99	822459	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	343502	50.0	51.9	
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.0	
S 137 Xylenes, Total	100				0		100.0	108.1	
S 139 1,3-Dichloropropene, Total	1				0		100.0	107.5	
S 140 Total BTEX	1				0		250.0	257.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00173	Amount Added:	10.00	Units: uL	
524FREONS_00023	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	50.00	Units: uL	
GASES Li_00600	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D

Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17

Lims ID: STD50

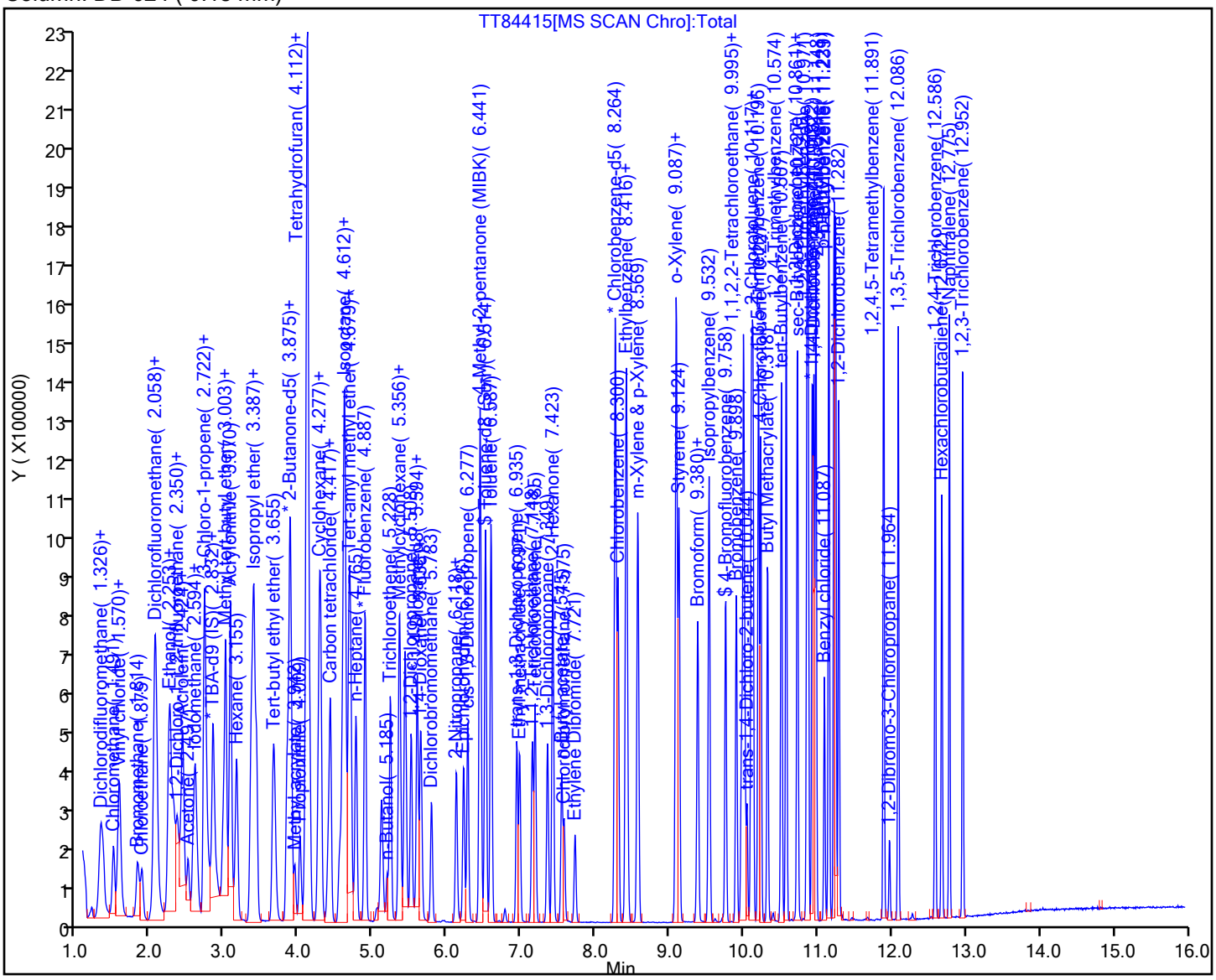
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

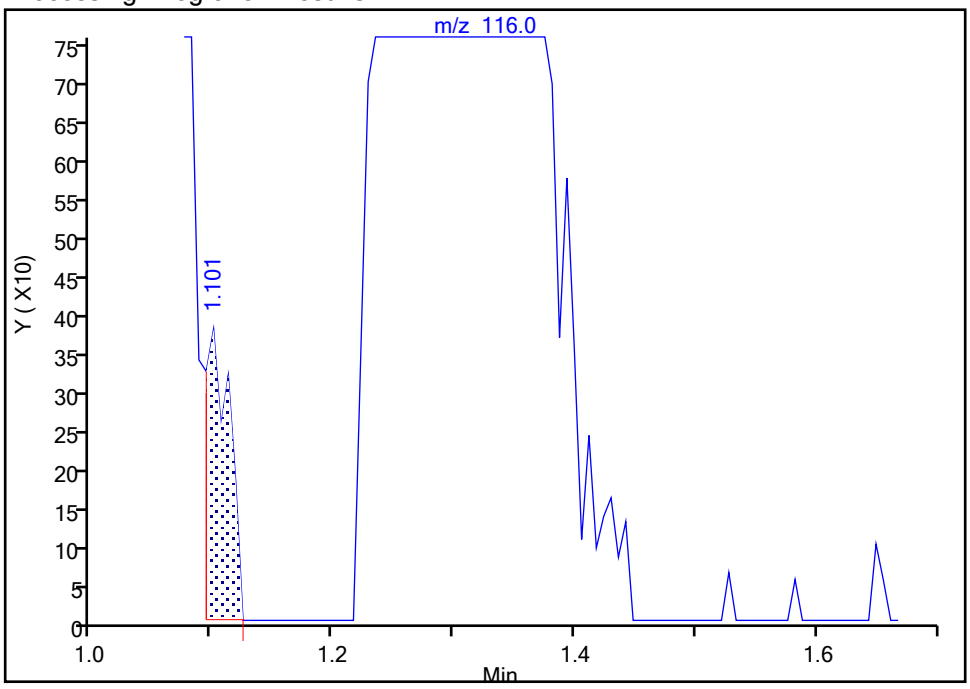
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Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

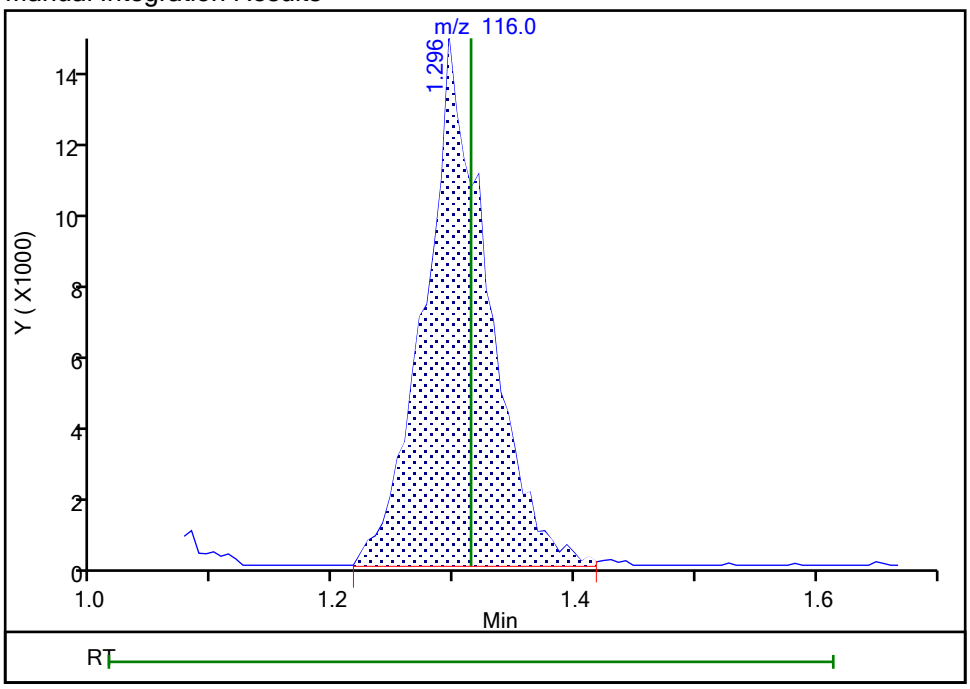
Processing Integration Results

RT: 1.10
Area: 532
Amount: 0.878278
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 53801
Amount: 71.751363
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:11:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

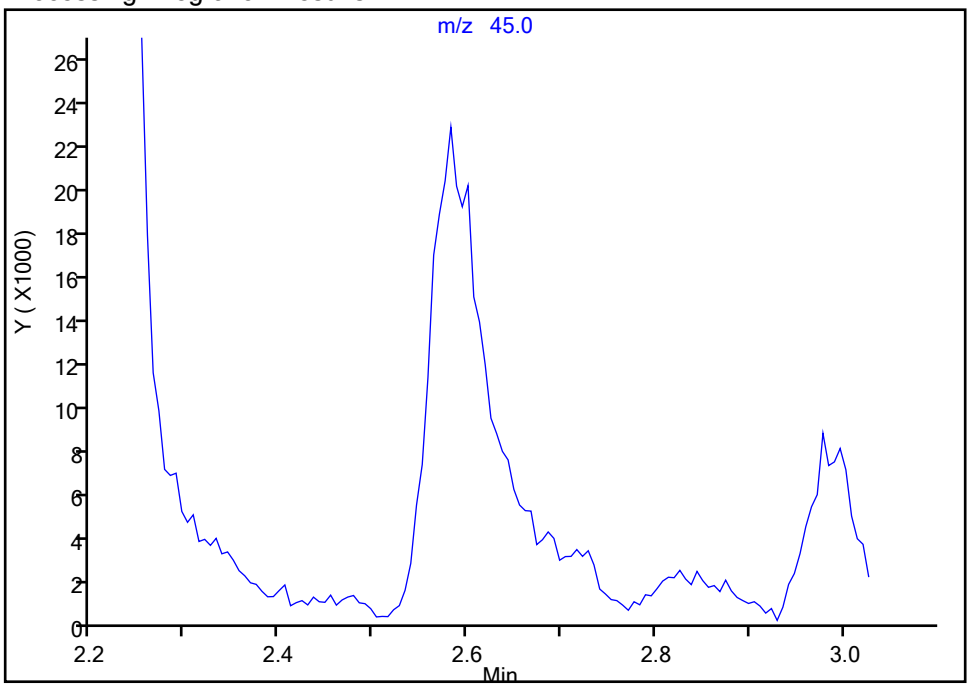
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Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

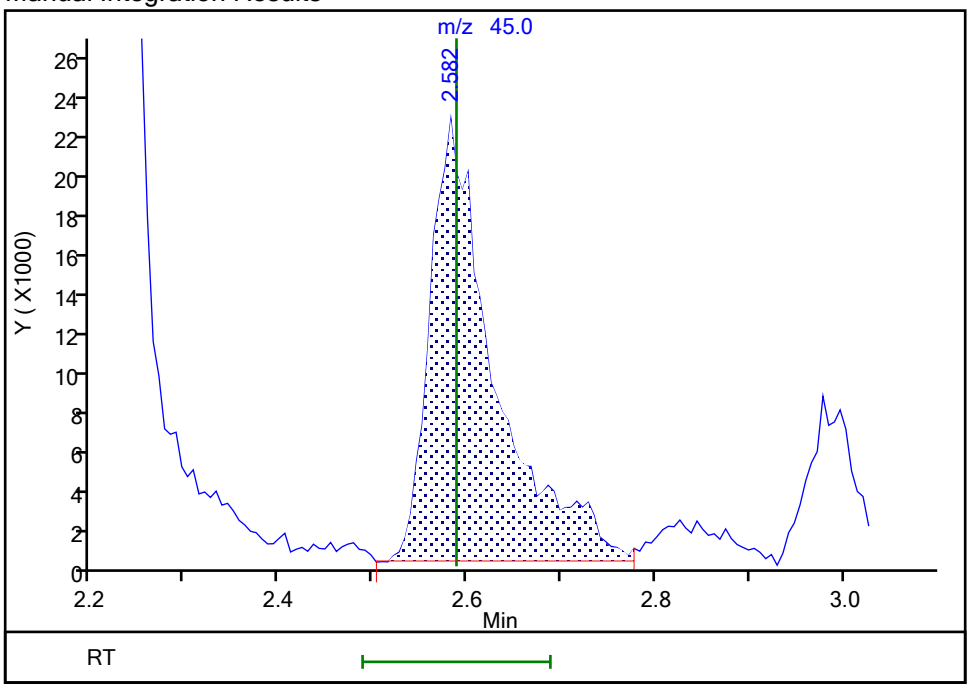
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.58
Area: 101890
Amount: 482.1581
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:28:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Aug-2024 10:04:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0180260-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:31:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	86	16971	200.0	195.5	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	94	162110	200.0	192.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	331859	200.0	166.3	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	78	1042245	200.0	219.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	95	118499	200.0	195.2	
6 Chloromethane	50	1.491	1.491	0.000	99	1150107	200.0	202.4	
7 Vinyl chloride	62	1.558	1.558	0.000	98	970397	200.0	194.6	
8 Butadiene	54	1.576	1.570	0.006	97	942423	200.0	201.2	
9 Bromomethane	94	1.820	1.820	0.000	99	672942	200.0	191.2	
10 Chloroethane	64	1.881	1.881	0.000	100	566334	200.0	172.3	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	1553847	200.0	185.1	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	1010002	200.0	200.2	
13 Pentane	72	2.070	2.070	0.000	96	204922	400.0	399.5	
14 Ethanol	46	2.229	2.234	-0.005	89	161235	8000.0	8823.5	
15 Ethyl ether	74	2.235	2.234	0.001	94	451936	200.0	192.6	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	624277	200.0	190.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	92	609493	200.0	191.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	988297	200.0	176.2	
19 Acrolein	56	2.393	2.387	0.006	94	130687	200.0	192.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	658910	200.0	215.3	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	650894	200.0	174.6	
22 Acetone	43	2.503	2.497	0.006	88	1294320	1000.0	1012.0	
23 Iodomethane	142	2.576	2.570	0.006	97	1167619	200.0	182.1	
25 Isopropyl alcohol	45	2.588	2.588	0.000	90	419842	2000.0	1947.4	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	2030726	200.0	152.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	98	496313	200.0	195.8	
27 Methyl acetate	43	2.722	2.722	0.000	99	1149438	400.0	366.7	
28 Cyclopentene	67	2.741	2.734	0.007	93	1374648	200.0	175.7	
29 Acetonitrile	41	2.771	2.771	0.000	98	927126	2000.0	1674.5	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	53011	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	823038	200.0	178.3	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	684533	2000.0	1985.2	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	2229557	200.0	193.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	742155	200.0	185.2	
35 Acrylonitrile	53	3.076	3.070	0.006	94	2917096	2000.0	1881.6	
36 Hexane	57	3.155	3.155	0.000	94	925192	200.0	220.8	
37 Isopropyl ether	45	3.356	3.356	0.000	94	2572298	200.0	186.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	1402859	200.0	188.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	268759	400.0	437.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	664236	200.0	197.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	2385024	200.0	193.5	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	444806	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	95	249805	200.0	218.9	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	840557	200.0	185.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	447232	1000.0	957.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	163873	400.0	400.2	
47 Methyl acrylate	55	3.942	3.941	0.001	99	684693	200.0	206.6	
48 Propionitrile	54	4.015	4.009	0.006	98	1122678	2000.0	1848.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	94	200427	400.0	357.4	
49 Chlorobromomethane	128	4.088	4.088	0.000	93	414865	200.0	187.1	
51 Methacrylonitrile	67	4.112	4.112	0.000	90	3067017	2000.0	1958.5	
52 Chloroform	83	4.143	4.143	0.000	98	1266553	200.0	191.4	
53 Cyclohexane	84	4.271	4.271	0.000	93	1034058	200.0	202.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	99	998235	200.0	204.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	191530	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	752803	200.0	233.6	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	989015	200.0	197.3	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	96	732334	5000.0	6353.5	
59 Isooctane	57	4.588	4.582	0.006	97	2781946	200.0	236.1	
60 Benzene	78	4.612	4.612	0.000	98	2848559	200.0	170.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	226145	50.0	50.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	2342305	200.0	187.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	434229	200.0	210.7	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	97	958964	200.0	186.3	
65 n-Heptane	100	4.771	4.771	0.000	93	171680	200.0	246.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	788850	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	478916	5000.0	6209.2	
68 Trichloroethene	95	5.234	5.228	0.006	98	744870	200.0	199.1	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	1238604	200.0	211.7	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	111757	200.0	202.8	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	836022	200.0	199.7	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	30695	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	397823	400.0	452.2	
75 1,4-Dioxane	88	5.618	5.618	0.000	88	164432	4000.0	4929.9	
74 Dibromomethane	93	5.636	5.630	0.006	96	464145	200.0	192.9	
76 n-Propyl acetate	43	5.649	5.648	0.001	98	1093991	200.0	201.9	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	905573	200.0	208.8	
78 2-Nitropropane	41	6.118	6.112	0.006	95	228389	400.0	401.4	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	525466	200.5	202.4	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	1472568	4000.0	3902.2	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	1269175	200.0	208.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	93	1602068	1000.0	1028.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	769312	50.0	50.2	
84 Toluene	91	6.594	6.587	0.007	96	2887517	200.0	160.7	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	1086262	200.0	212.4	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	1048621	200.0	201.2	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	580434	200.0	196.9	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	745266	200.0	198.0	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	1135169	200.0	191.4	
90 2-Hexanone	43	7.423	7.423	0.001	94	2451468	1000.0	986.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	1222252	200.0	226.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	658507	200.0	234.7	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	648323	200.0	196.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	63	572119	50.0	50.0	
95 Chlorobenzene	112	8.307	8.300	0.007	93	1981185	200.0	189.7	
96 Ethylbenzene	106	8.410	8.410	0.000	98	1126615	200.0	199.7	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	96	691463	200.0	227.6	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	1375720	200.0	203.6	
99 o-Xylene	106	9.087	9.087	0.000	95	1399457	200.0	202.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	664940	200.0	290.6	
101 Styrene	104	9.130	9.123	0.007	93	2197483	200.0	201.3	
102 Bromoform	173	9.373	9.367	0.006	98	426243	200.0	220.1	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	91	1575582	200.0	202.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	2932394	200.0	187.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	92	240593	50.0	50.0	
106 Bromobenzene	156	9.898	9.898	0.000	98	879797	200.0	191.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	893591	200.0	201.5	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	3418095	200.0	164.0	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	244842	200.0	193.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	91	245682	200.0	239.5	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	2626026	200.0	179.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	96	3061974	200.0	175.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	95	2651978	200.0	183.6	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	2457518	200.0	174.7	
115 Butyl Methacrylate	87	10.325	10.324	0.000	90	1095950	200.0	203.4	
116 tert-Butylbenzene	119	10.507	10.507	0.000	93	2384983	200.0	196.6	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	96	2685218	200.0	178.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	94	3214567	200.0	174.7	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	94	1653754	200.0	184.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	94	2835901	200.0	179.9	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	94	322863	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	92	1646817	200.0	183.9	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	94	2801254	200.0	171.3	
124 Benzyl chloride	91	11.087	11.086	0.001	99	1591290	200.0	251.5	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	96	2682634	200.0	172.6	
126 p-Diethylbenzene	119	11.221	11.214	0.007	93	1947360	200.0	193.3	
127 n-Butylbenzene	92	11.239	11.239	0.000	96	1692074	200.0	195.9	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	93	1619427	200.0	183.5	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	95	2687202	200.0	170.5	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	98	150385	200.0	199.9	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	1424767	200.0	189.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	1337970	200.0	198.4	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	750616	200.0	216.3	
134 Naphthalene	128	12.775	12.775	0.000	96	2688308	200.0	170.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	1314680	200.0	189.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	370.5	
S 137 Xylenes, Total	100				0		400.0	406.6	
S 139 1,3-Dichloropropene, Total	1				0		400.0	421.2	
S 140 Total BTEX	1				0		1000.0	937.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	20.00	Units: uL	
MIX I Hi_00179	Amount Added:	20.00	Units: uL	
Ethanol mix_00092	Amount Added:	20.00	Units: uL	
7 Freons Hi_00017	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	20.00	Units: uL	
GAS Hi_00477	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:53 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D

Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17

Lims ID: STD200

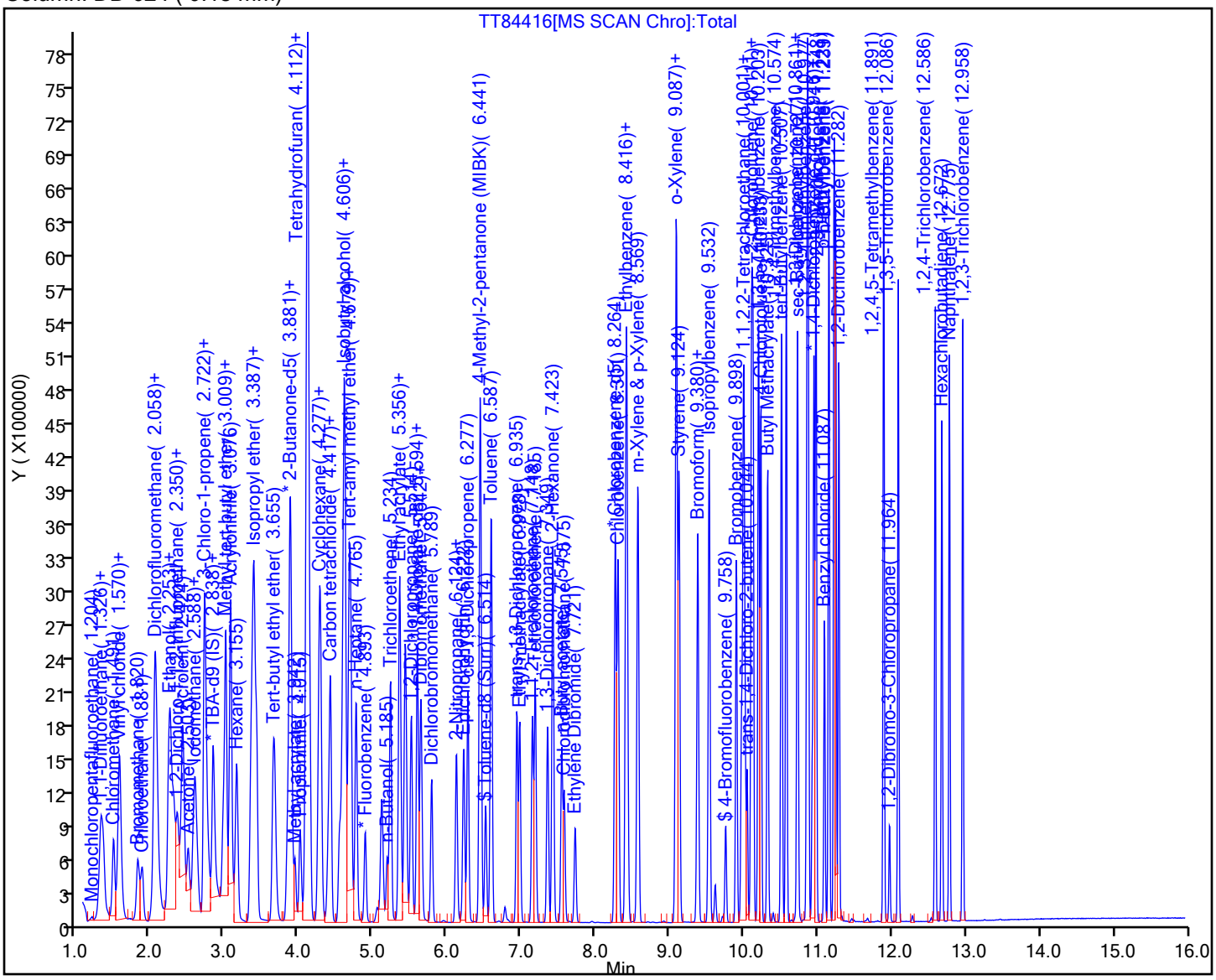
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

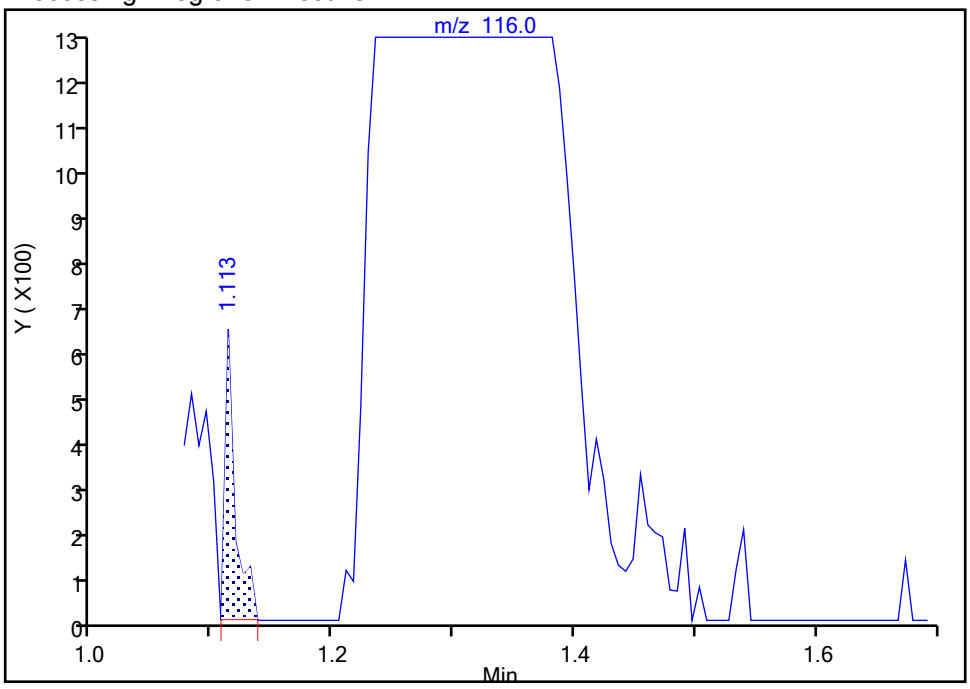
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Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

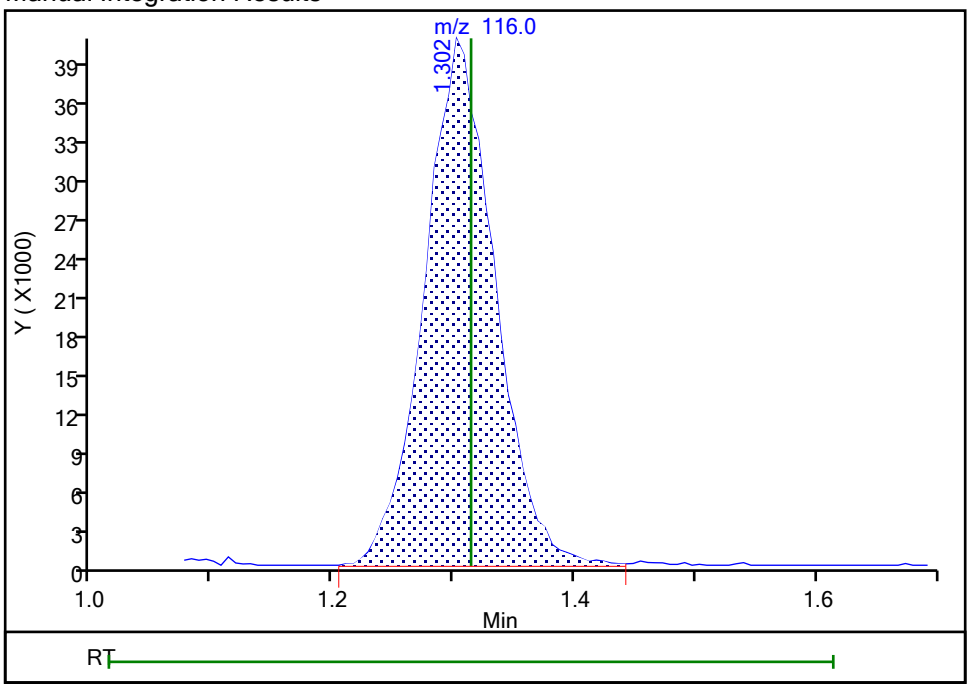
Processing Integration Results

RT: 1.11
Area: 374
Amount: 0.528241
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 162110
Amount: 192.1240
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

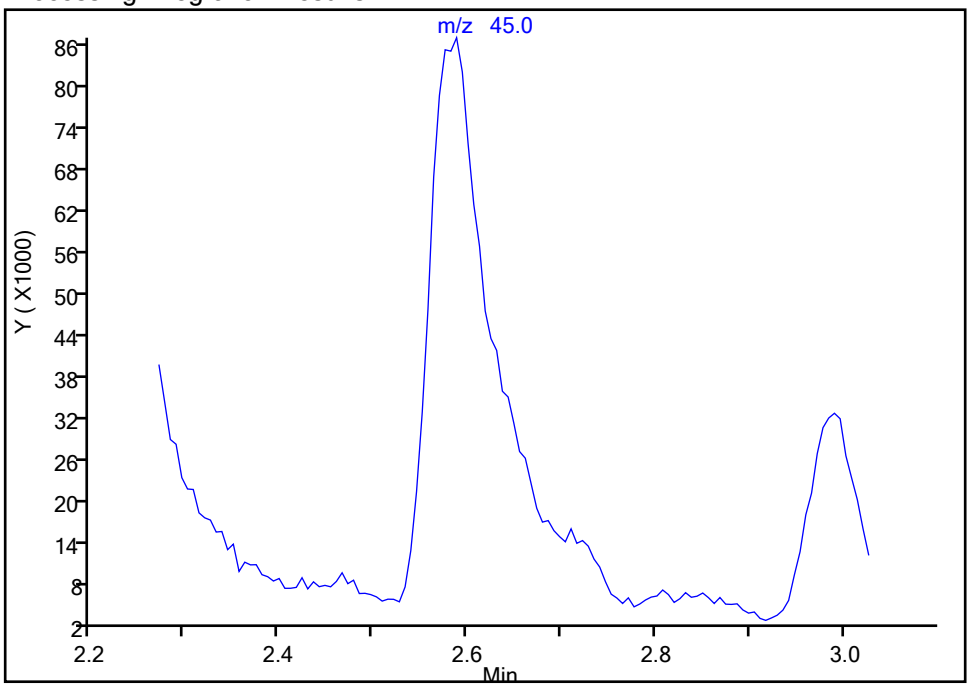
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Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

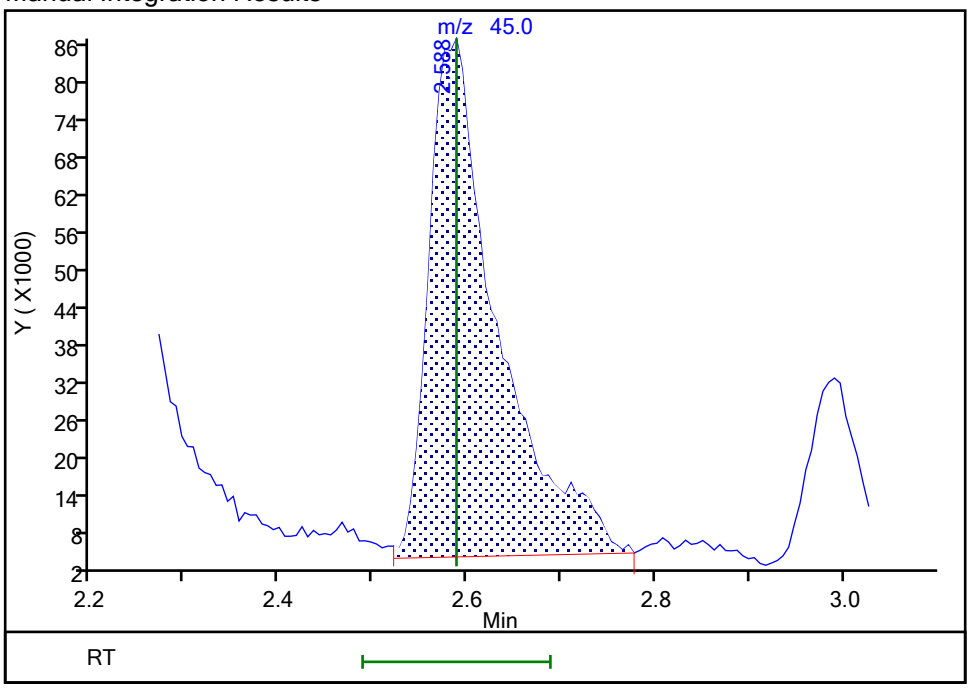
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 419842
Amount: 1947.4381
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

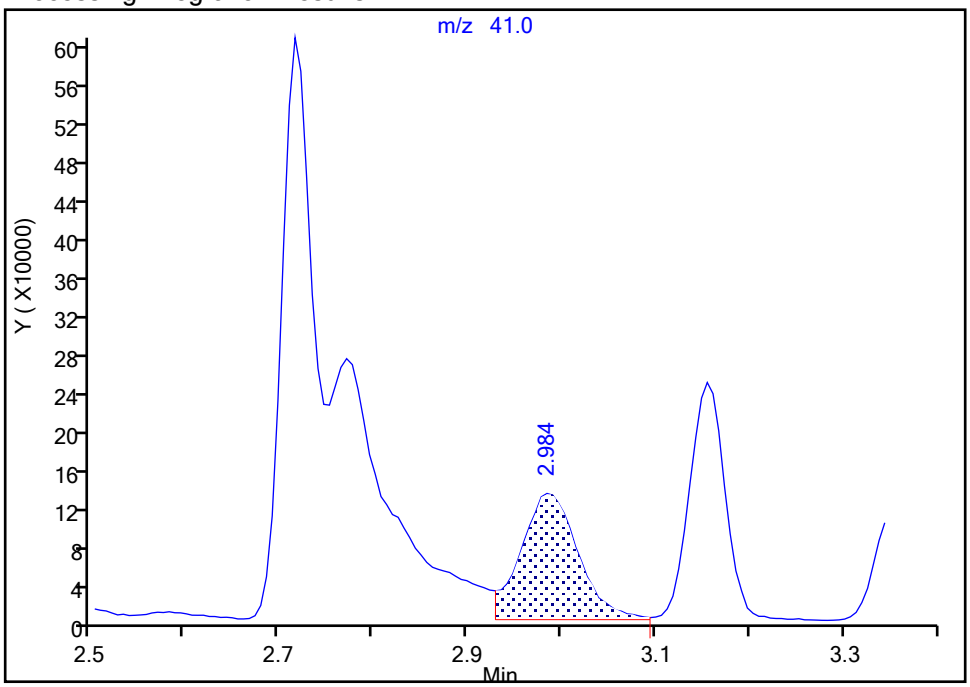
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

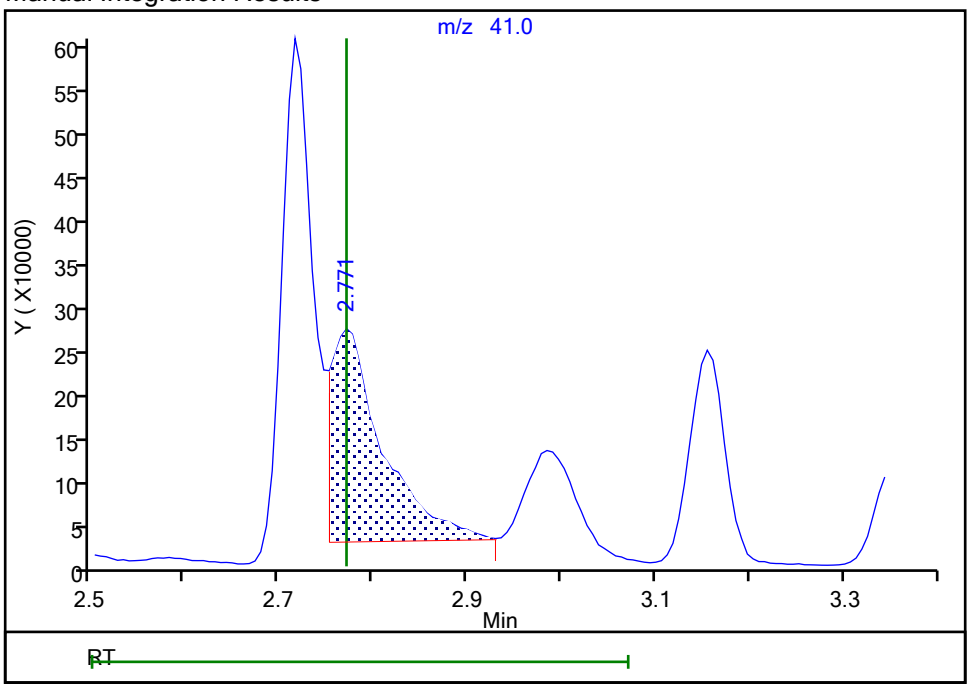
Processing Integration Results

RT: 2.98
Area: 566999
Amount: 1214.7668
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 927126
Amount: 1674.4772
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Aug-2024 10:24:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0180260-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:13:16 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:46:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	96	76108	500.0	500.3	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	89	539370	500.0	500.8	
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	994689	500.0	468.8	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	99	3114166	500.0	617.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	97	354929	500.0	500.6	
6 Chloromethane	50	1.497	1.491	0.006	98	2964620	500.0	490.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	2704086	500.0	510.1	
8 Butadiene	54	1.576	1.570	0.006	96	2662135	500.0	534.6	
9 Bromomethane	94	1.826	1.820	0.006	99	1697817	500.0	453.8	
10 Chloroethane	64	1.881	1.881	0.000	99	1470354	500.0	420.8	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	97	4043243	500.0	453.2	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	2840667	500.0	529.7	
13 Pentane	72	2.064	2.070	-0.006	98	274722	1000.0	532.2	
14 Ethanol	46	2.229	2.234	-0.005	82	458088	20000	20088	
15 Ethyl ether	74	2.235	2.234	0.001	94	1195813	500.0	480.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	90	1136334	500.0	326.1	a
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	93	1897047	500.0	561.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	94	2970032	500.0	498.3	
19 Acrolein	56	2.393	2.387	0.006	94	285379	400.0	396.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	93	613441	500.0	188.5	a
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	1028501	500.0	259.6	
22 Acetone	43	2.503	2.497	0.006	88	3402964	2500.0	2382.8	
23 Iodomethane	142	2.576	2.570	0.006	98	2612053	500.0	383.3	
25 Isopropyl alcohol	45	2.588	2.588	0.000	91	1286832	5000.0	4740.3	a
24 Carbon disulfide	76	2.613	2.600	0.013	99	3383441	500.0	238.9	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	99	1136356	500.0	421.8	
27 Methyl acetate	43	2.722	2.722	0.000	98	2915935	1000.0	875.1	
28 Cyclopentene	67	2.741	2.734	0.007	93	2547990	500.0	306.3	
29 Acetonitrile	41	2.771	2.771	0.000	99	2402595	5000.0	3886.0	a
* 31 TBA-d9 (IS)	66	2.856	2.832	0.024	0	66752	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.844	2.838	0.006	92	2054374	500.0	418.6	
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	96	2198901	5000.0	5064.3	
33 Methyl tert-butyl ether	73	2.985	2.984	0.000	98	5345732	500.0	437.4	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	1557539	500.0	365.7	
35 Acrylonitrile	53	3.076	3.070	0.006	93	6379978	5000.0	3871.4	
36 Hexane	57	3.155	3.155	0.000	94	706245	500.0	158.5	
37 Isopropyl ether	45	3.362	3.356	0.006	87	5903918	500.0	401.6	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	98	3148960	500.0	398.6	
39 Vinyl acetate	86	3.399	3.393	0.006	99	864927	1000.0	1261.4	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	1525911	500.0	427.3	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	93	5636746	500.0	430.3	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	496691	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	96	530531	500.0	437.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	97	2062470	500.0	427.7	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	99	1224508	2500.0	2347.6	
46 Ethyl acetate	70	3.893	3.887	0.006	97	451876	1000.0	988.3	
47 Methyl acrylate	55	3.948	3.941	0.007	99	1849793	500.0	525.1	
48 Propionitrile	54	4.015	4.009	0.006	98	2912975	5000.0	3809.6	
50 Tetrahydrofuran	72	4.088	4.082	0.006	85	551568	1000.0	880.9	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	1098245	500.0	465.9	
51 Methacrylonitrile	67	4.118	4.112	0.006	85	6230054	5000.0	3742.6	
52 Chloroform	83	4.143	4.143	0.000	97	2984524	500.0	424.3	
53 Cyclohexane	84	4.277	4.271	0.006	92	1082231	500.0	198.9	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	99	1891529	500.0	364.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203698	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	1321700	500.0	385.8	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	96	1753410	500.0	329.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	97	3425717	12500	23602	
59 Isooctane	57	4.594	4.582	0.012	94	4465955	500.0	356.5	
60 Benzene	78	4.612	4.612	0.000	98	5502222	500.0	308.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	249535	50.0	52.0	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	6321068	500.0	475.3	
63 Isopropyl acetate	61	4.679	4.673	0.006	95	1136534	500.0	518.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	94	2376646	500.0	434.3	
65 n-Heptane	100	4.771	4.771	0.000	93	155049	500.0	209.4	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	838521	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	89	1443443	12500	14862	
68 Trichloroethene	95	5.234	5.228	0.006	98	1589878	500.0	399.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	67	1336567	500.0	214.9	
70 Ethyl acrylate	99	5.356	5.356	0.000	98	238571	500.0	499.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	91	2090847	500.0	469.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37228	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	86	1074433	1000.0	1149.0	
75 1,4-Dioxane	88	5.624	5.618	0.006	89	464769	10000	11489	
74 Dibromomethane	93	5.636	5.630	0.006	96	1216586	500.0	475.7	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2842478	500.0	493.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	98	2332147	500.0	505.9	
78 2-Nitropropane	41	6.118	6.112	0.006	97	715471	1000.0	999.8	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	1374141	501.2	497.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	98	3645202	10000	8650.5	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	3111522	500.0	479.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	79	3860713	2500.0	2219.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	813589	50.0	49.7	
84 Toluene	91	6.594	6.587	0.007	96	5259836	500.0	273.9	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	98	2746373	500.0	502.5	
86 Ethyl methacrylate	69	6.978	6.977	0.001	92	2681146	500.0	499.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	1507602	500.0	478.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	95	1432037	500.0	356.1	
89 1,3-Dichloropropane	76	7.356	7.349	0.007	95	2826061	500.0	445.9	
90 2-Hexanone	43	7.423	7.423	0.001	84	5030824	2500.0	1813.5	
91 n-Butyl acetate	43	7.545	7.544	0.001	96	2973678	500.0	515.8	
92 Chlorodibromomethane	129	7.581	7.575	0.006	98	1822645	500.0	607.9	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	1692728	500.0	479.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	49	611293	50.0	50.0	a
95 Chlorobenzene	112	8.307	8.300	0.007	86	4171973	500.0	374.0	
96 Ethylbenzene	106	8.416	8.410	0.006	91	2438718	500.0	404.6	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	97	1784857	500.0	549.8	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2944065	500.0	407.8	
99 o-Xylene	106	9.093	9.087	0.006	94	3079741	500.0	418.0	
100 n-Butyl acrylate	73	9.093	9.087	0.006	94	1722962	500.0	704.7	
101 Styrene	104	9.130	9.123	0.007	85	4465588	500.0	382.8	
102 Bromoform	173	9.374	9.367	0.007	97	1217270	500.0	483.9	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	94	3478634	500.0	499.4	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	4782057	500.0	285.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	91	250955	50.0	48.8	
106 Bromobenzene	156	9.904	9.898	0.006	92	2061871	500.0	438.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	96	2204604	500.0	485.4	
108 N-Propylbenzene	91	10.001	9.995	0.006	98	5219083	500.0	244.5	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	96	642973	500.0	495.9	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	92	663589	500.0	631.7	
111 2-Chlorotoluene	91	10.105	10.105	0.000	94	4763159	500.0	317.8	
112 4-Ethyltoluene	105	10.129	10.123	0.006	95	5389679	500.0	301.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	4241934	500.0	286.7	
114 4-Chlorotoluene	91	10.233	10.227	0.006	89	4692334	500.0	325.8	
115 Butyl Methacrylate	87	10.325	10.324	0.001	90	2607074	500.0	499.5	
116 tert-Butylbenzene	119	10.514	10.507	0.007	85	3841395	500.0	309.2	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	89	4267433	500.0	276.9	
118 sec-Butylbenzene	105	10.727	10.727	0.000	88	4679577	500.0	248.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	86	3110125	500.0	338.0	
120 4-Isopropyltoluene	119	10.873	10.867	0.006	95	4178261	500.0	258.8	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	95	330651	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	83	3121694	500.0	340.3	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	83	4680186	500.0	279.5	
124 Benzyl chloride	91	11.093	11.086	0.007	94	3383816	500.0	522.3	
125 2,3-Dihydroindene	117	11.154	11.147	0.007	86	4472685	500.0	281.0	
126 p-Diethylbenzene	119	11.221	11.214	0.007	88	3488390	500.0	338.1	
127 n-Butylbenzene	92	11.239	11.239	0.000	88	2786416	500.0	315.1	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	83	3081778	500.0	341.0	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	86	4306351	500.0	266.7	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	97	402984	500.0	434.7	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	91	2688238	500.0	348.8	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	2426732	500.0	351.3	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	1220751	500.0	343.5	
134 Naphthalene	128	12.775	12.775	0.000	88	4342539	500.0	269.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	93	2415594	500.0	340.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	793.4	
S 137 Xylenes, Total	100				0		1000.0	825.8	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	981.6	
S 140 Total BTEX	1				0		2500.0	1812.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	50.00	Units: uL	
MIX I Hi_00179	Amount Added:	50.00	Units: uL	
Ethanol mix_00092	Amount Added:	50.00	Units: uL	
7 Freons Hi_00017	Amount Added:	50.00	Units: uL	
ACROLEIN W_00173	Amount Added:	40.00	Units: uL	
GAS Hi_00477	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17

Lims ID: STD500

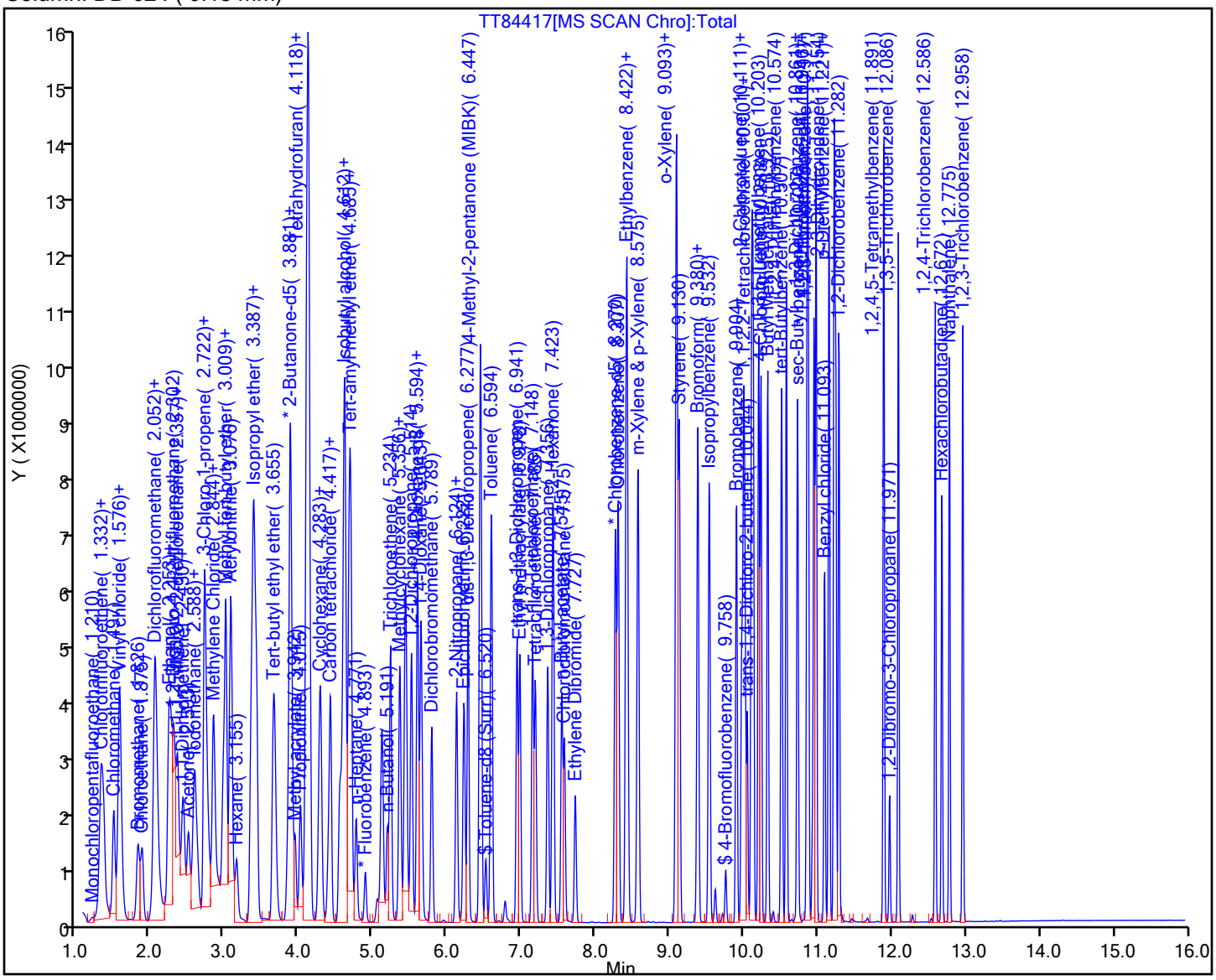
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

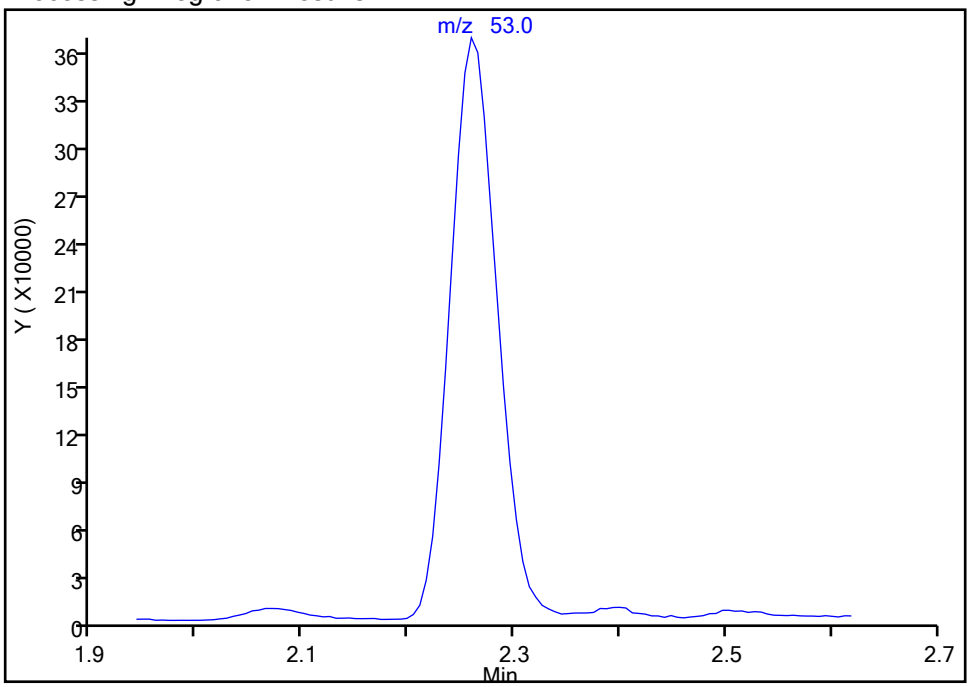
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

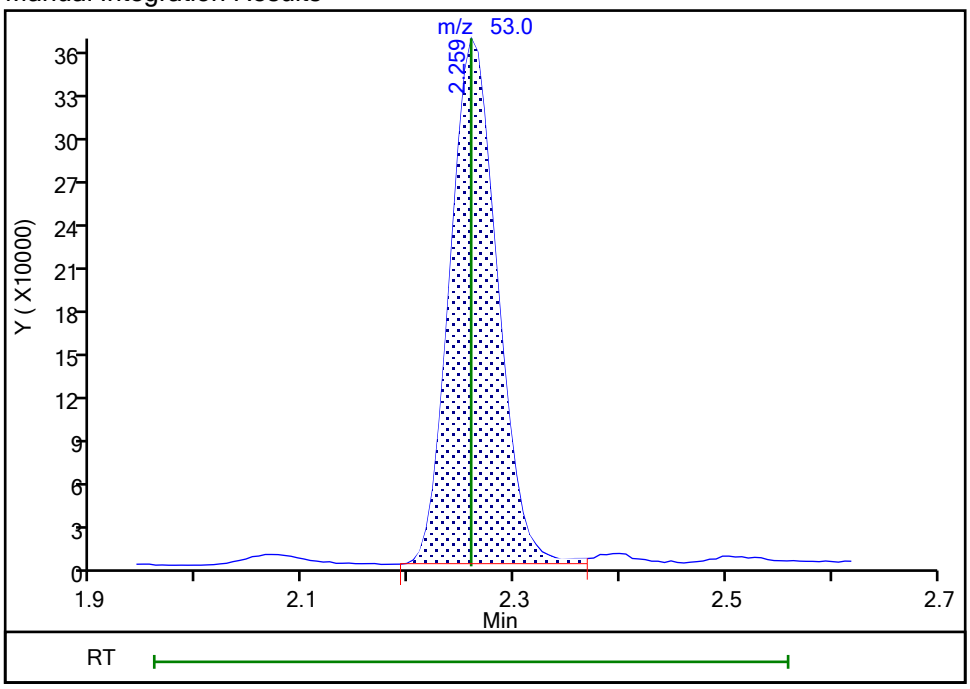
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 1136334
Amount: 326.1087
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

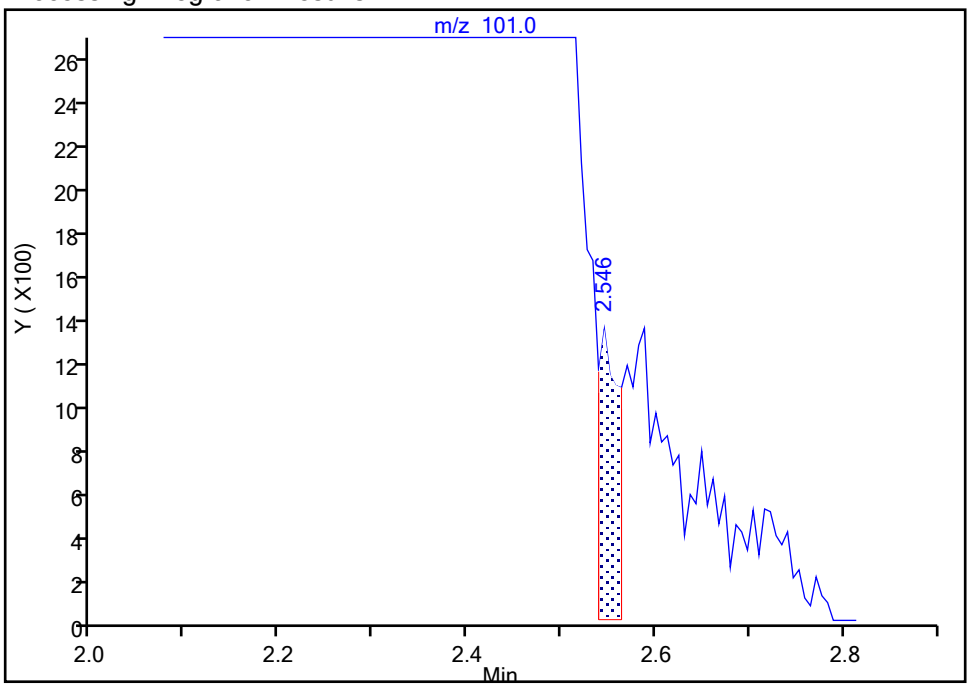
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

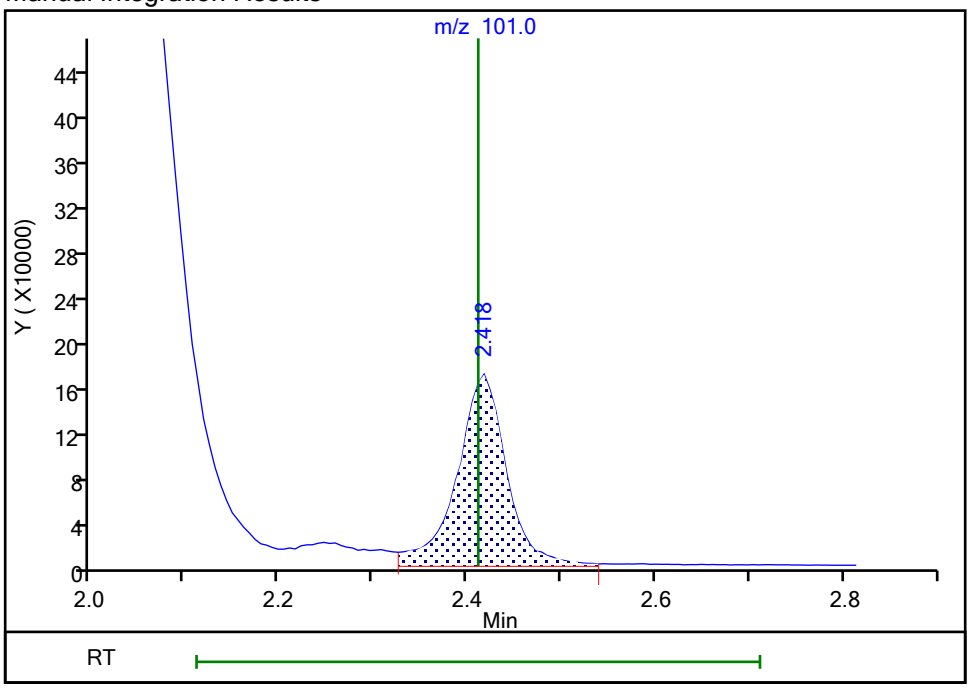
Processing Integration Results

RT: 2.55
Area: 2065
Amount: 0.740267
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 613441
Amount: 188.5325
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

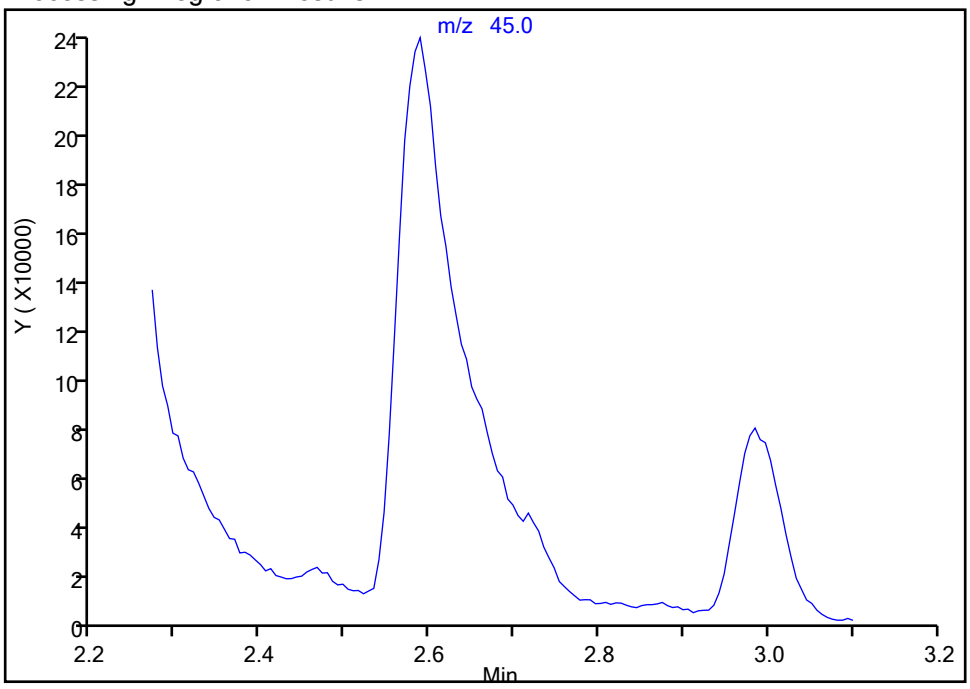
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

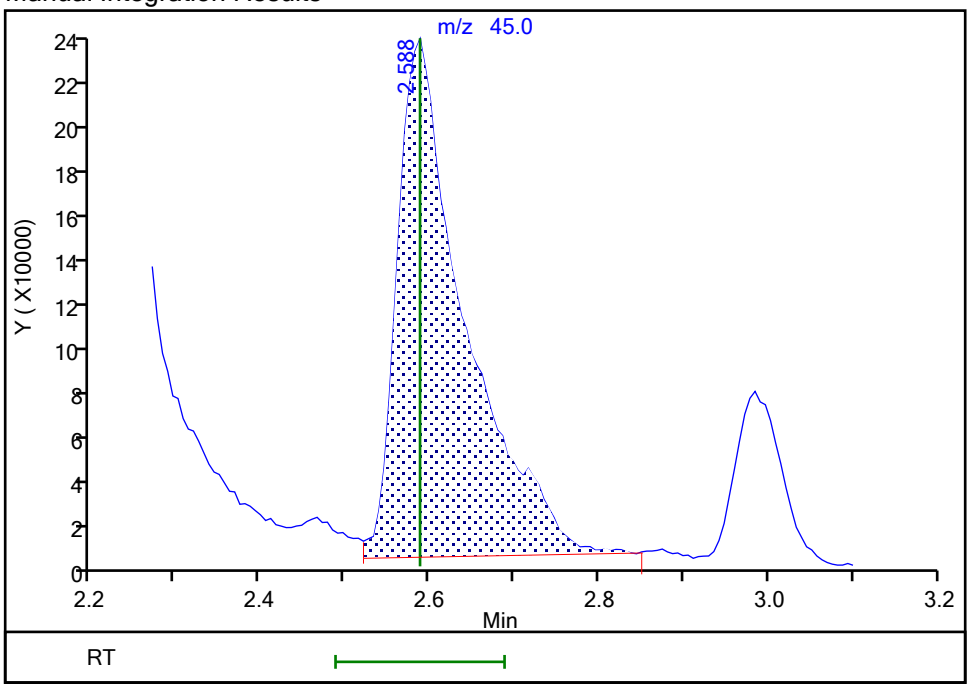
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 1286832
Amount: 4740.2510
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

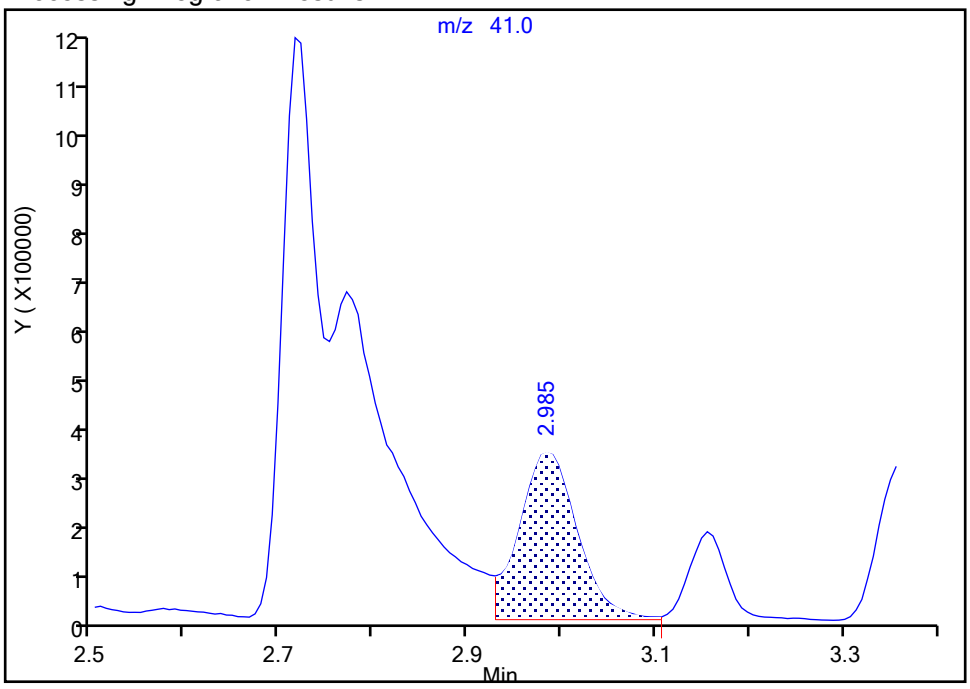
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

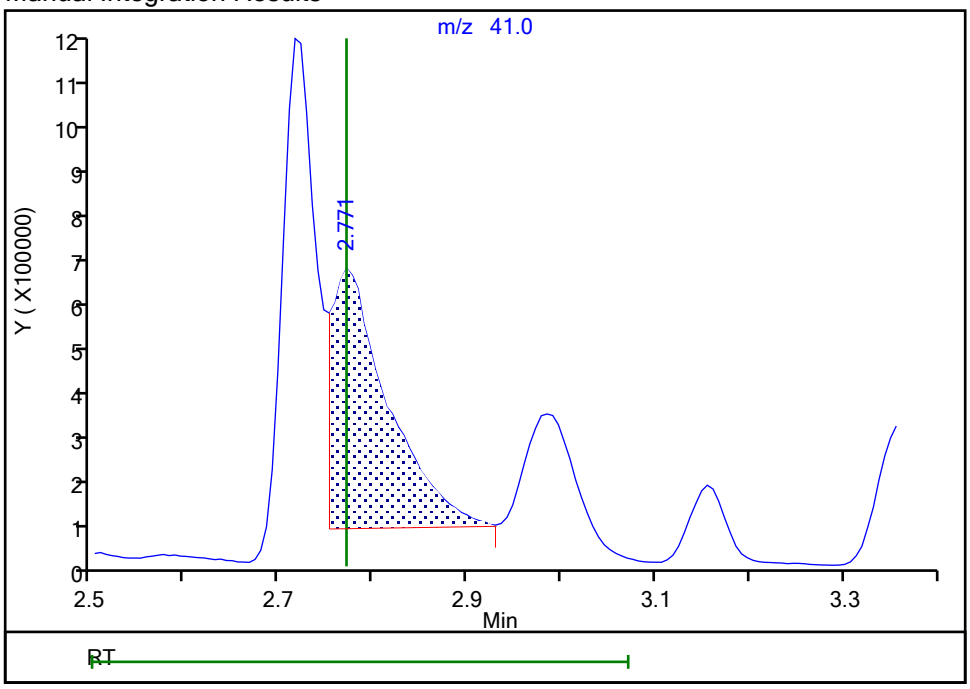
Processing Integration Results

RT: 2.98
Area: 1454079
Amount: 3720.3669
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 2402595
Amount: 3886.0232
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

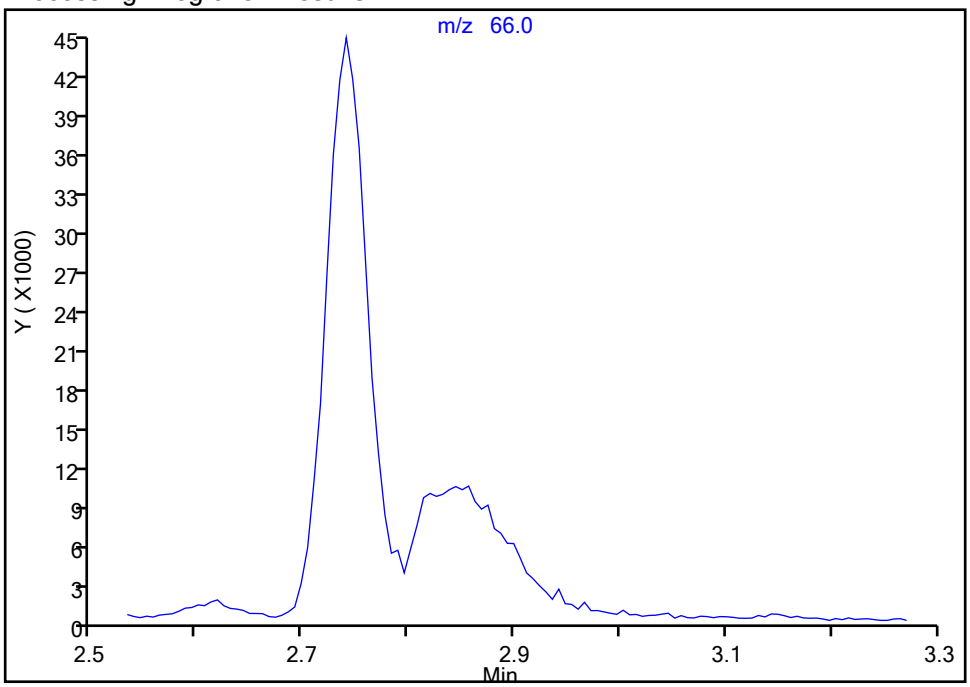
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

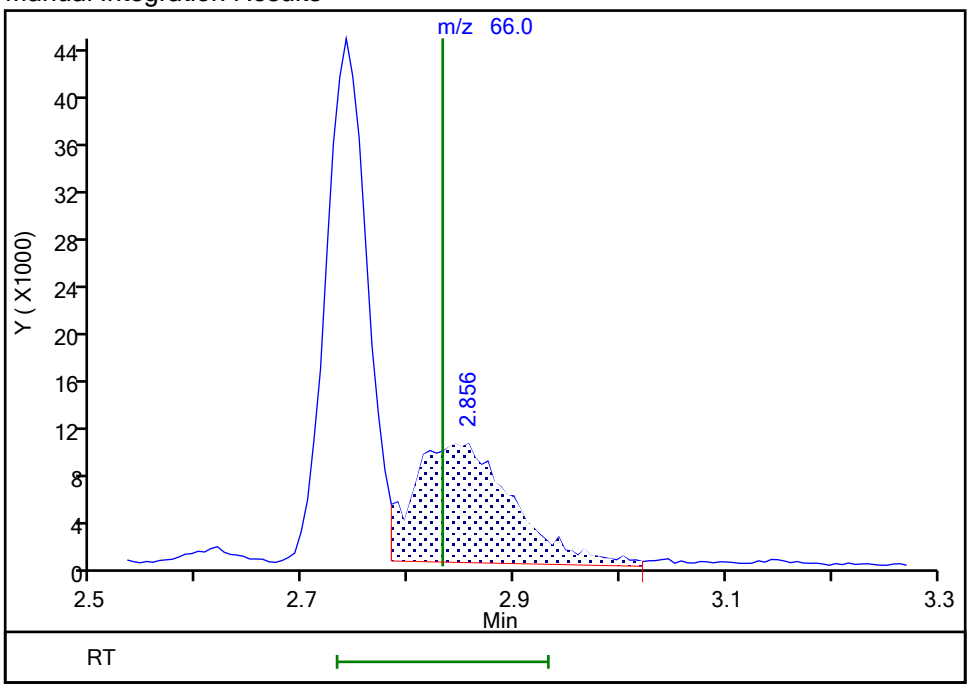
Not Detected
Expected RT: 2.83

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 66752
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

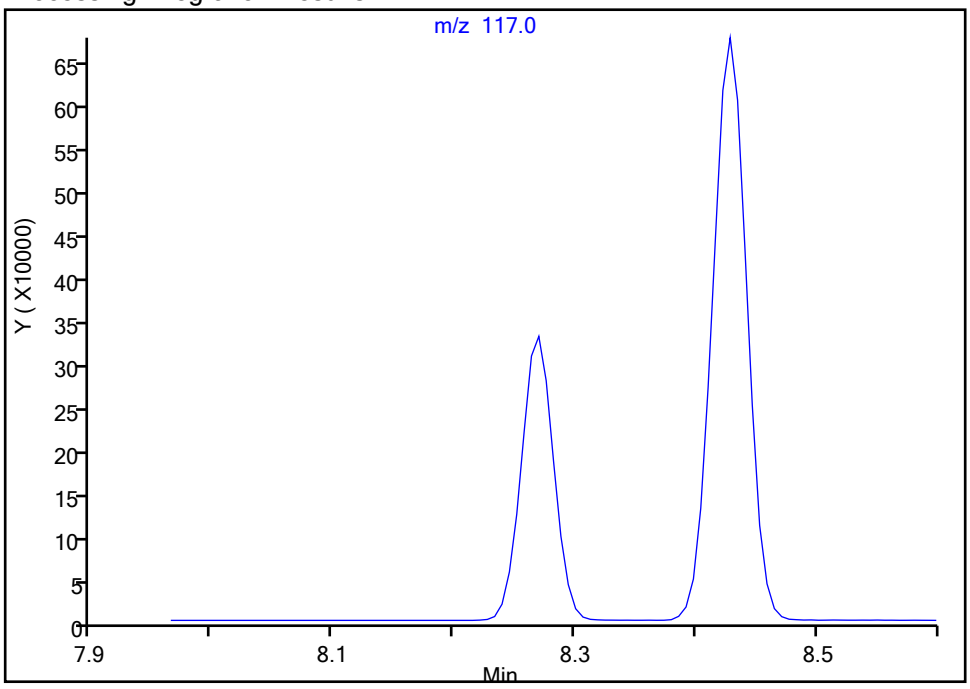
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

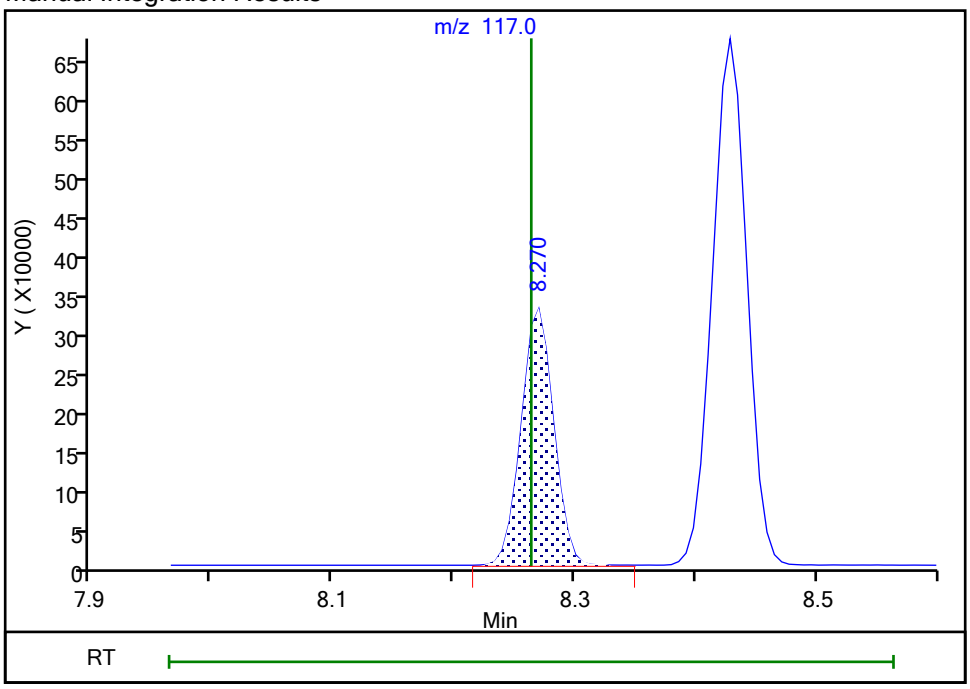
Not Detected
Expected RT: 8.26

Processing Integration Results



Manual Integration Results

RT: 8.27
Area: 611293
Amount: 50.000000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 12:23:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

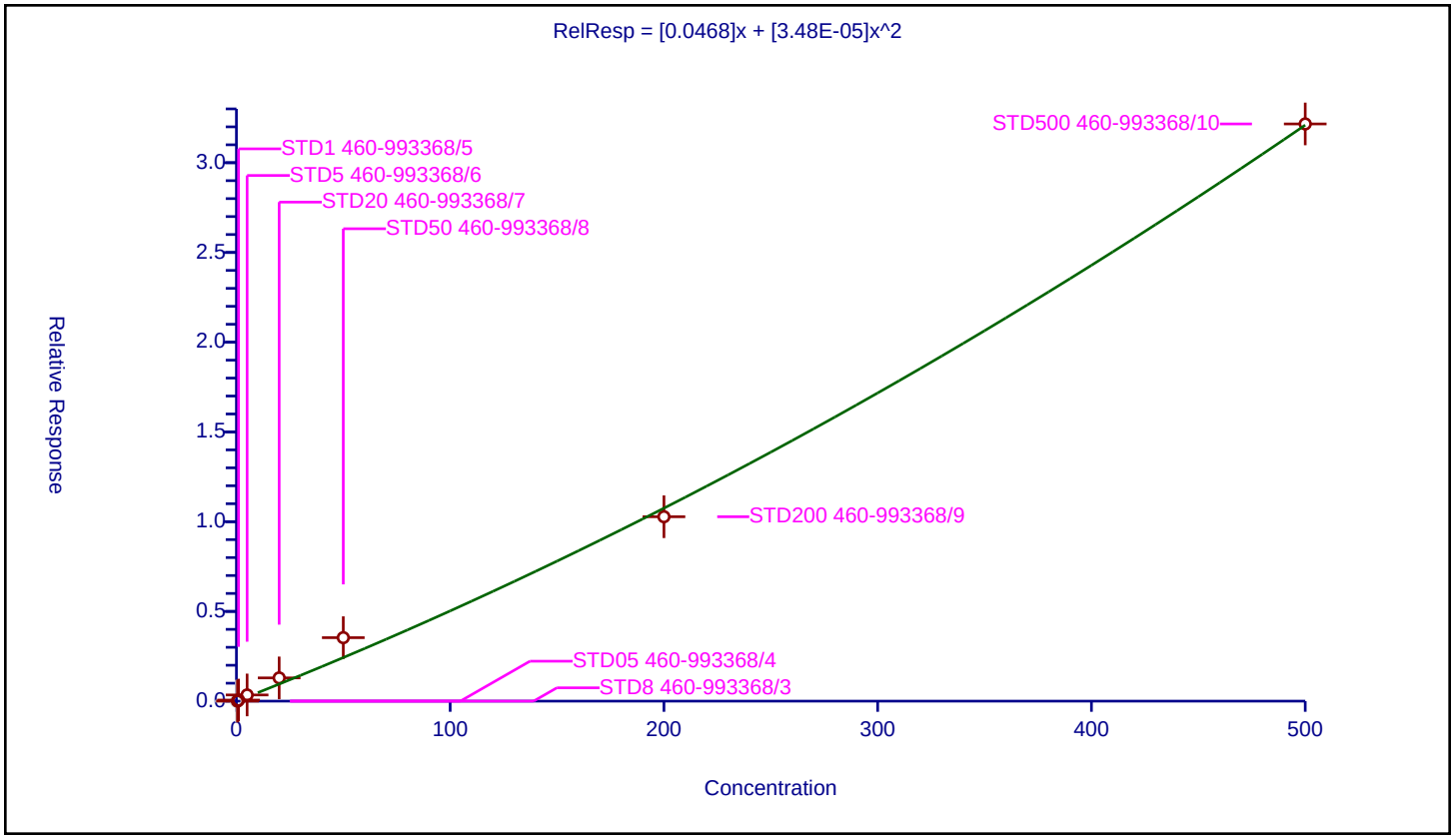
Curve Coefficients

Intercept:	0
Slope:	0.0468
Second Order:	3.48E-05

Error Coefficients

Relative Standard Deviation:	52.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.002865	50.0	767841.0	0.00573	Y
3	STD1 460-993368/5	1.0	0.058966	50.0	736870.0	0.058966	Y
4	STD5 460-993368/6	5.0	0.344781	50.0	753377.0	0.068956	Y
5	STD20 460-993368/7	20.0	1.294985	50.0	750665.0	0.064749	Y
6	STD50 460-993368/8	50.0	3.536826	50.0	760583.0	0.070737	Y
7	STD200 460-993368/9	200.0	10.275084	50.0	788850.0	0.051375	Y
8	STD500 460-993368/10	500.0	32.161985	50.0	838521.0	0.064324	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

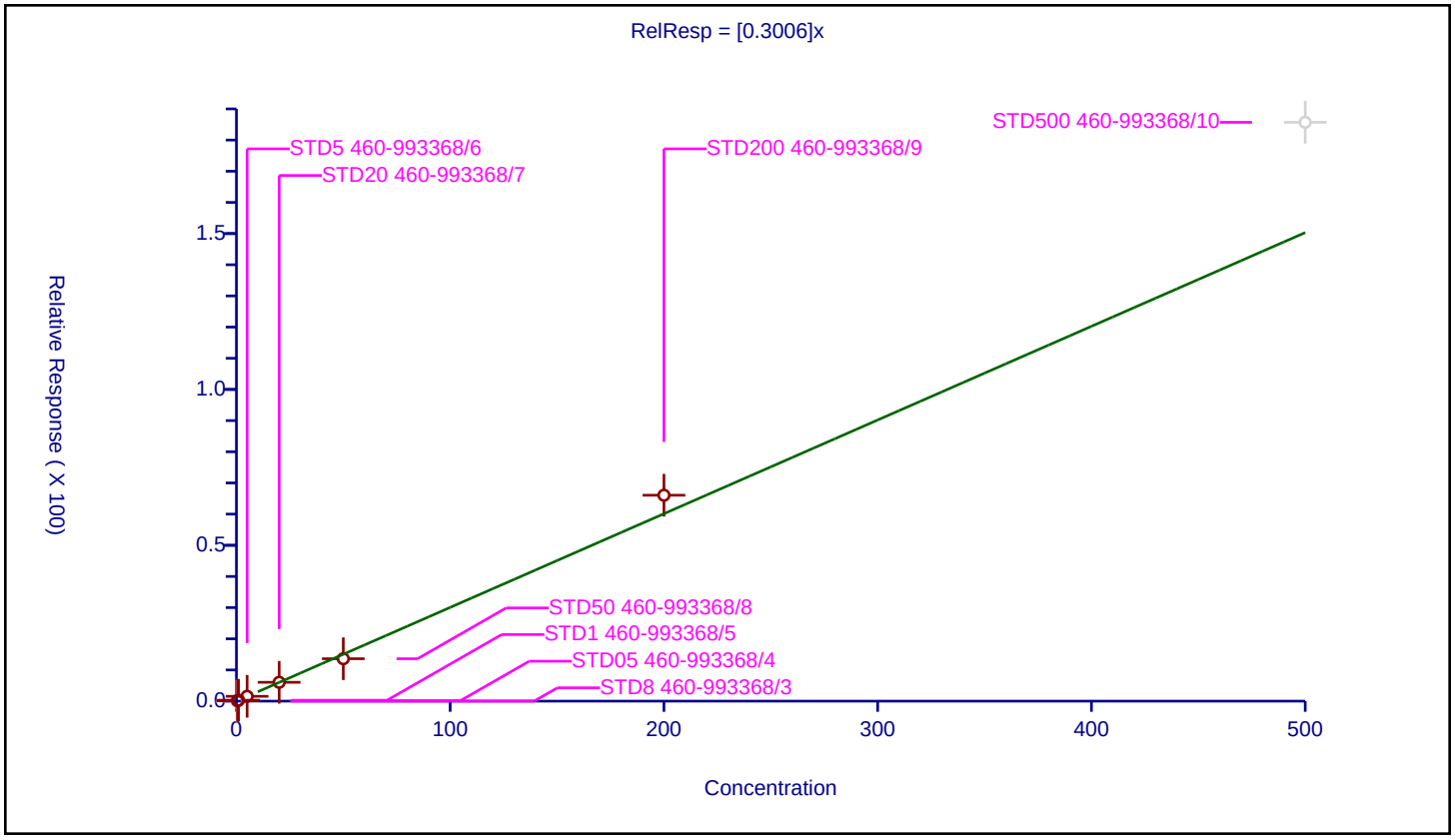
Curve Coefficients

Intercept:	0
Slope:	0.3006

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145082	50.0	767841.0	0.290164	Y
3	STD1 460-993368/5	1.0	0.298153	50.0	736870.0	0.298153	Y
4	STD5 460-993368/6	5.0	1.552875	50.0	753377.0	0.310575	Y
5	STD20 460-993368/7	20.0	6.047838	50.0	750665.0	0.302392	Y
6	STD50 460-993368/8	50.0	13.609297	50.0	760583.0	0.272186	Y
7	STD200 460-993368/9	200.0	66.061038	50.0	788850.0	0.330305	Y
8	STD500 460-993368/10	500.0	185.693978	50.0	838521.0	0.371388	N



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

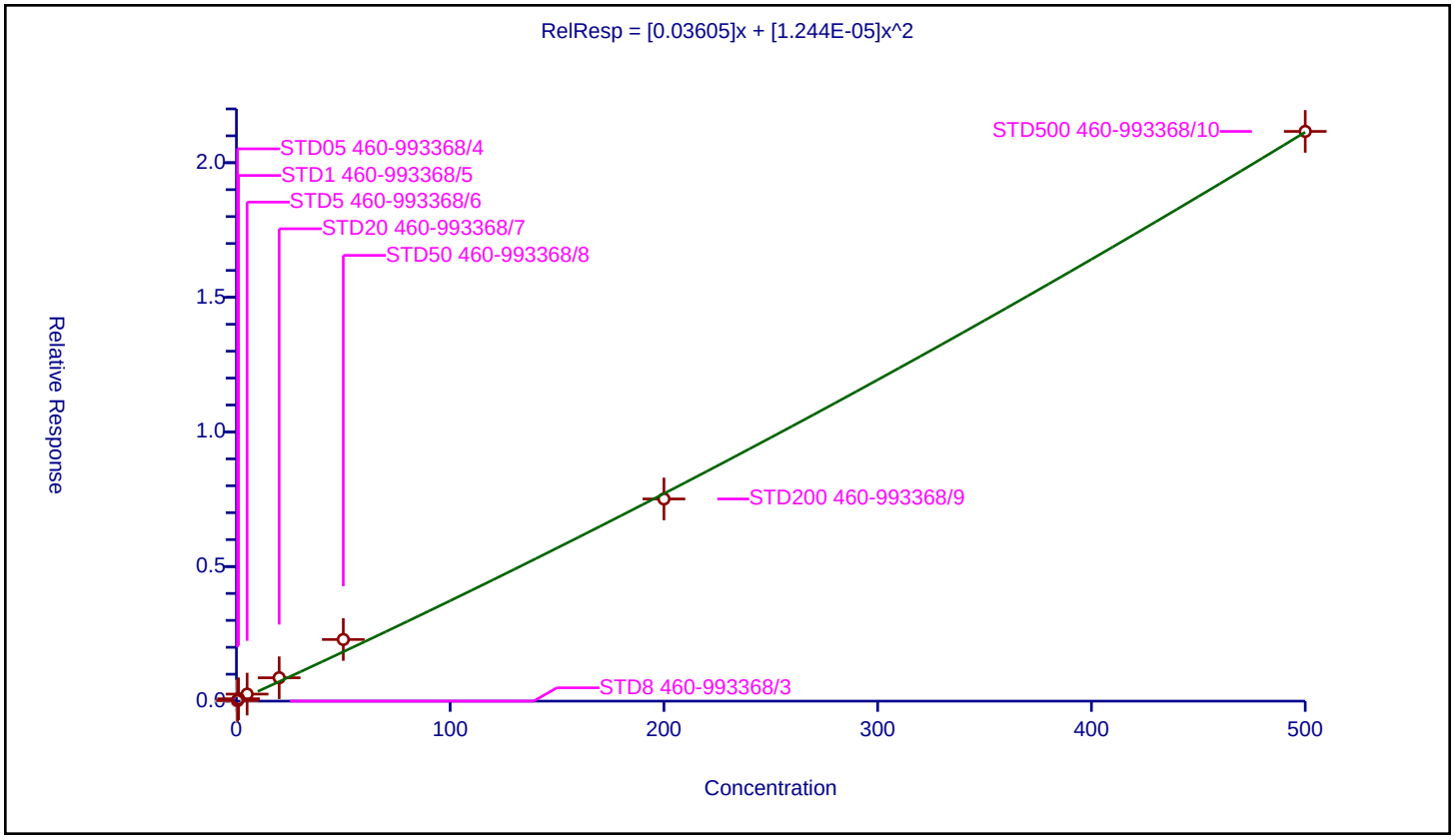
Curve Coefficients

Intercept:	0
Slope:	0.03605
Second Order:	1.244E-05

Error Coefficients

Relative Standard Deviation:	69.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.020382	50.0	767841.0	0.040764	Y
3	STD1 460-993368/5	1.0	0.088279	50.0	736870.0	0.088279	Y
4	STD5 460-993368/6	5.0	0.261489	50.0	753377.0	0.052298	Y
5	STD20 460-993368/7	20.0	0.867697	50.0	750665.0	0.043385	Y
6	STD50 460-993368/8	50.0	2.289757	50.0	760583.0	0.045795	Y
7	STD200 460-993368/9	200.0	7.51087	50.0	788850.0	0.037554	Y
8	STD500 460-993368/10	500.0	21.16399	50.0	838521.0	0.042328	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

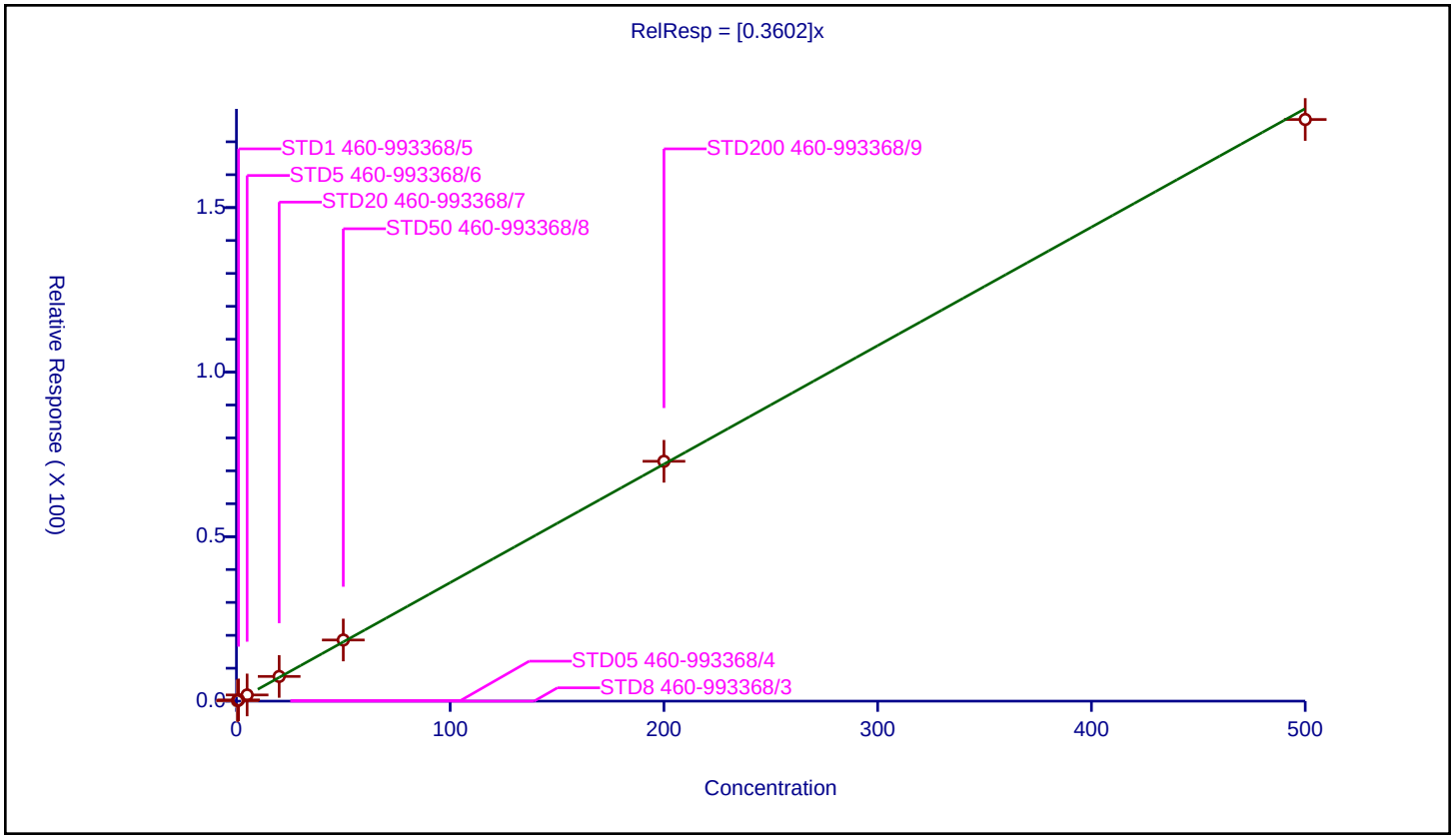
Curve Coefficients

Intercept:	0
Slope:	0.3602

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.157845	50.0	767841.0	0.31569	Y
3	STD1 460-993368/5	1.0	0.364311	50.0	736870.0	0.364311	Y
4	STD5 460-993368/6	5.0	1.881329	50.0	753377.0	0.376266	Y
5	STD20 460-993368/7	20.0	7.504146	50.0	750665.0	0.375207	Y
6	STD50 460-993368/8	50.0	18.582719	50.0	760583.0	0.371654	Y
7	STD200 460-993368/9	200.0	72.897699	50.0	788850.0	0.364488	Y
8	STD500 460-993368/10	500.0	176.77673	50.0	838521.0	0.353553	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

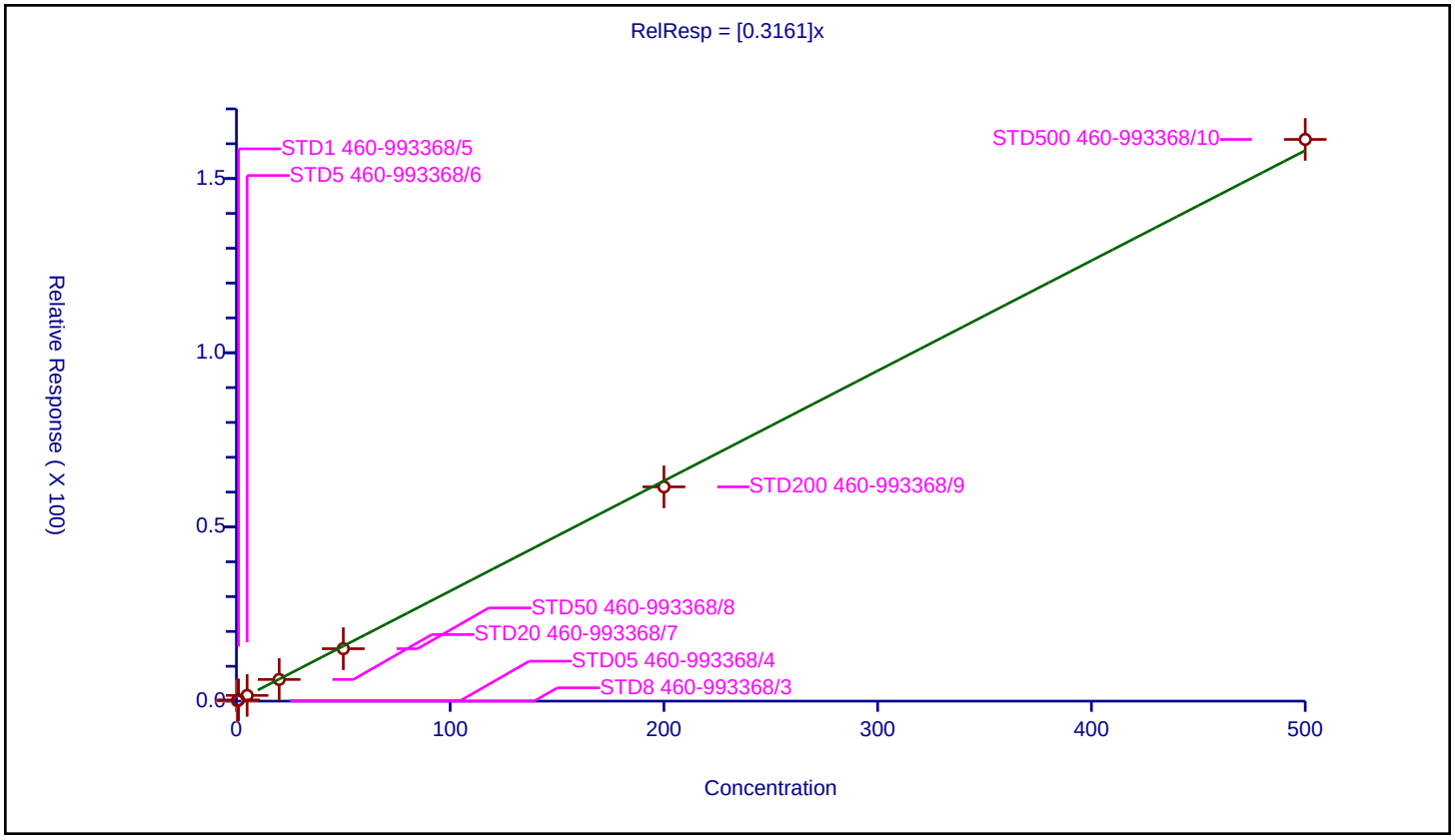
Curve Coefficients

Intercept:	0
Slope:	0.3161

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145603	50.0	767841.0	0.291206	Y
3	STD1 460-993368/5	1.0	0.35203	50.0	736870.0	0.35203	Y
4	STD5 460-993368/6	5.0	1.63683	50.0	753377.0	0.327366	Y
5	STD20 460-993368/7	20.0	6.22175	50.0	750665.0	0.311088	Y
6	STD50 460-993368/8	50.0	15.052072	50.0	760583.0	0.301041	Y
7	STD200 460-993368/9	200.0	61.507067	50.0	788850.0	0.307535	Y
8	STD500 460-993368/10	500.0	161.2414	50.0	838521.0	0.322483	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

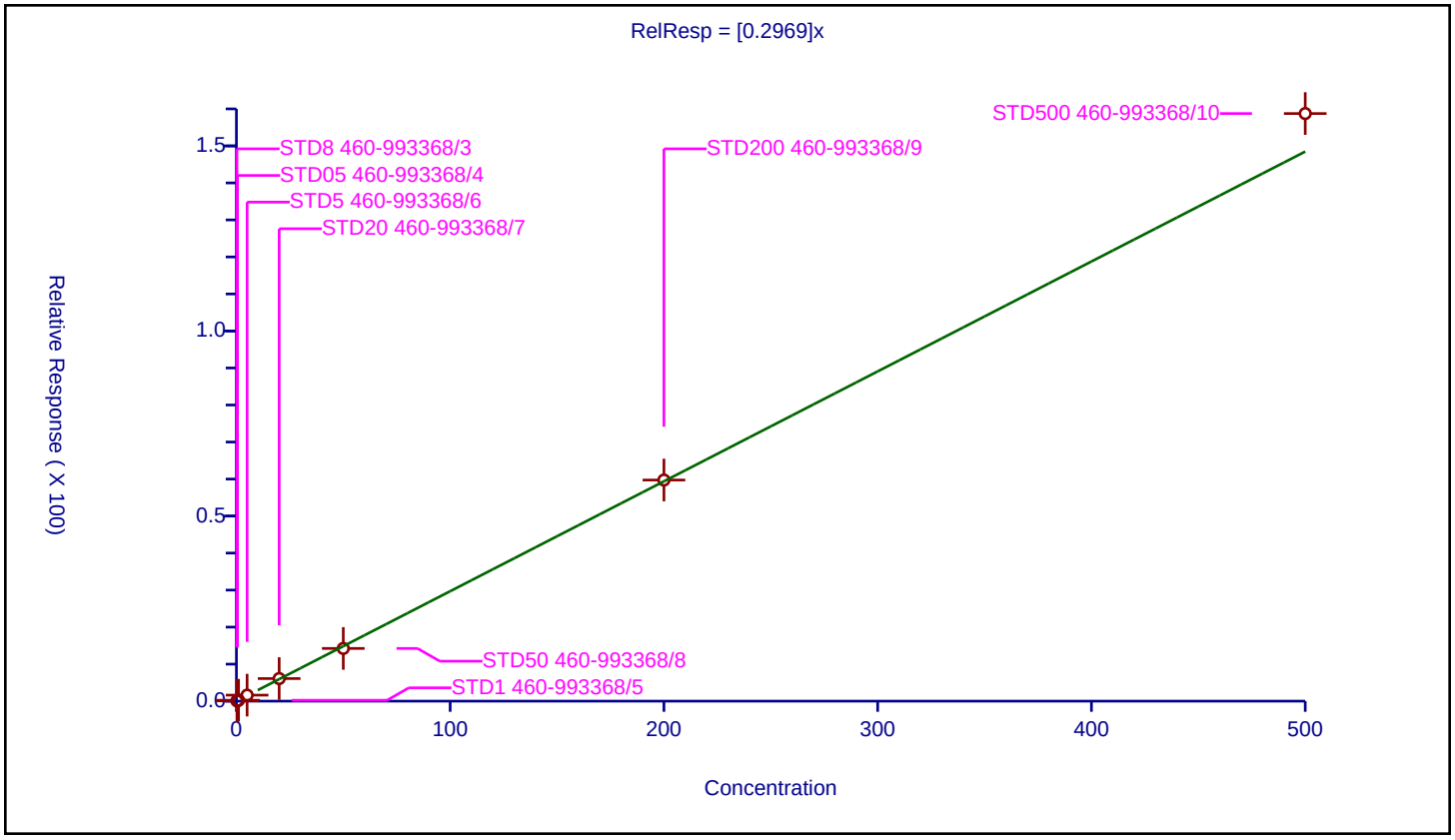
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.075755	50.0	794663.0	0.303022	Y
2	STD05 460-993368/4	0.5	0.151659	50.0	767841.0	0.303318	Y
3	STD1 460-993368/5	1.0	0.238237	50.0	736870.0	0.238237	Y
4	STD5 460-993368/6	5.0	1.625879	50.0	753377.0	0.325176	Y
5	STD20 460-993368/7	20.0	6.095529	50.0	750665.0	0.304776	Y
6	STD50 460-993368/8	50.0	14.238223	50.0	760583.0	0.284764	Y
7	STD200 460-993368/9	200.0	59.73398	50.0	788850.0	0.29867	Y
8	STD500 460-993368/10	500.0	158.739912	50.0	838521.0	0.31748	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

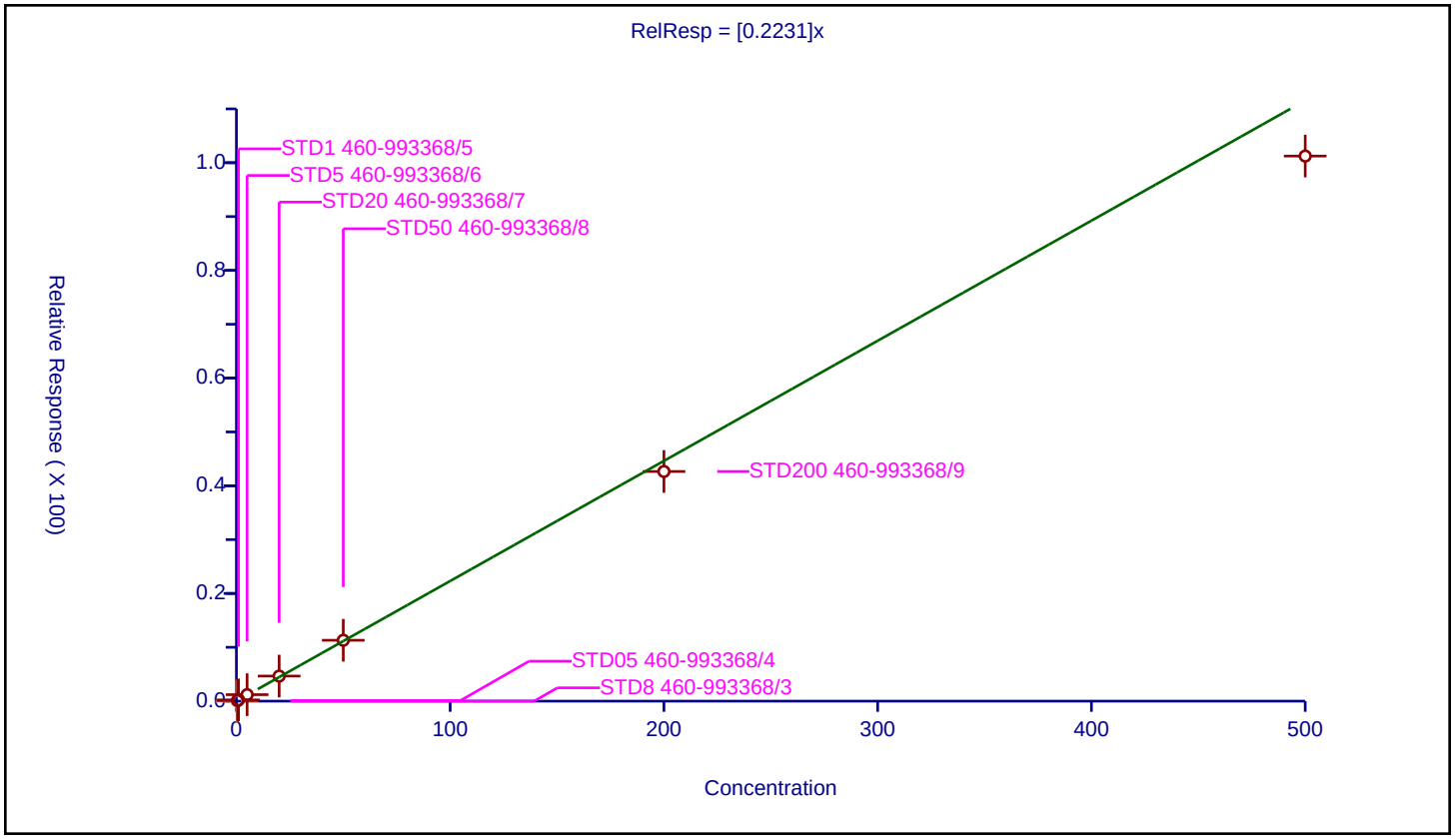
Curve Coefficients

Intercept:	0
Slope:	0.2231

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.107835	50.0	767841.0	0.21567	Y
3	STD1 460-993368/5	1.0	0.230231	50.0	736870.0	0.230231	Y
4	STD5 460-993368/6	5.0	1.205771	50.0	753377.0	0.241154	Y
5	STD20 460-993368/7	20.0	4.656271	50.0	750665.0	0.232814	Y
6	STD50 460-993368/8	50.0	11.307116	50.0	760583.0	0.226142	Y
7	STD200 460-993368/9	200.0	42.653356	50.0	788850.0	0.213267	Y
8	STD500 460-993368/10	500.0	101.238788	50.0	838521.0	0.202478	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

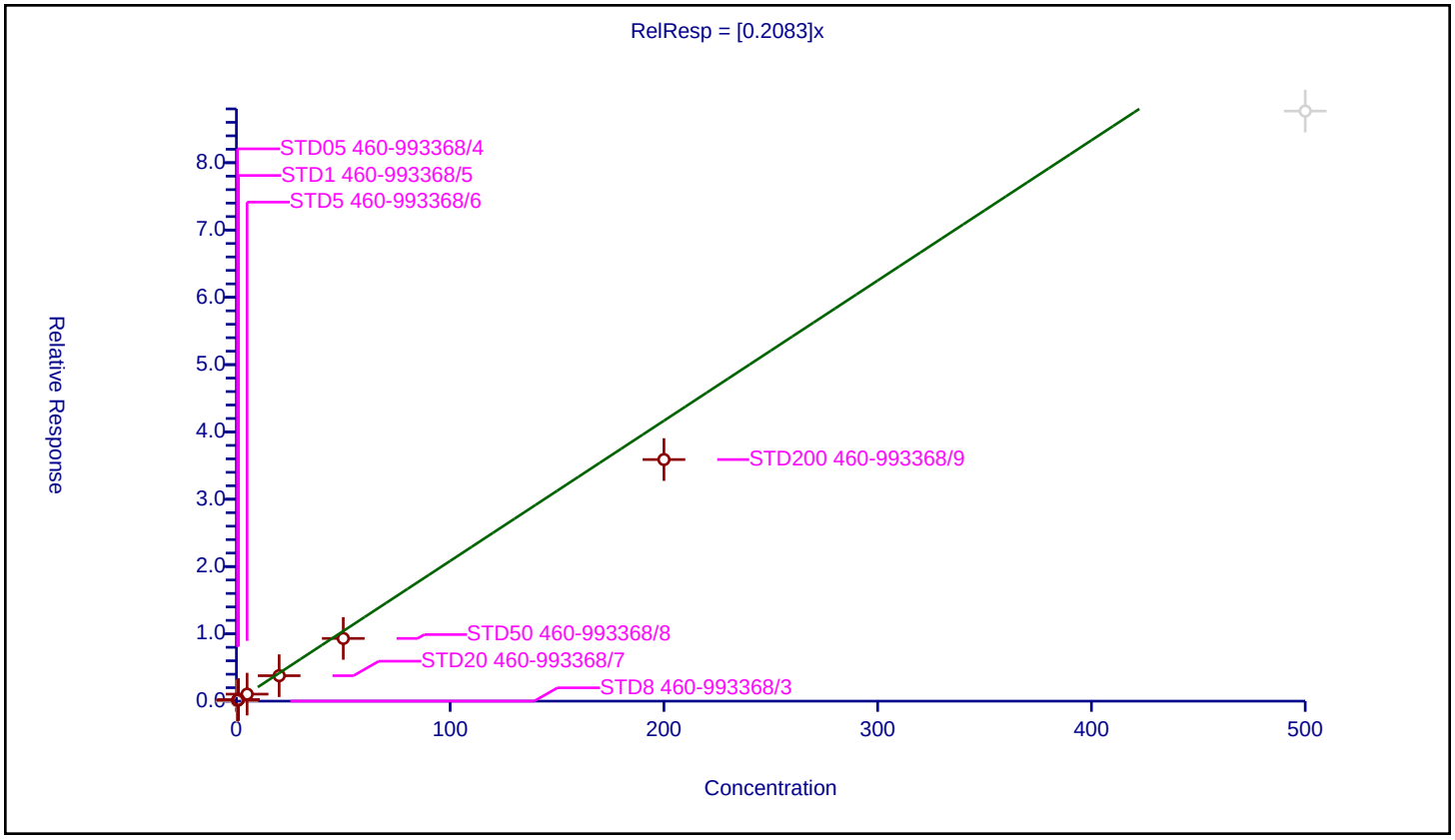
Curve Coefficients

Intercept:	0
Slope:	0.2083

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.128086	50.0	767841.0	0.256173	Y
3	STD1 460-993368/5	1.0	0.230095	50.0	736870.0	0.230095	Y
4	STD5 460-993368/6	5.0	1.043701	50.0	753377.0	0.20874	Y
5	STD20 460-993368/7	20.0	3.782979	50.0	750665.0	0.189149	Y
6	STD50 460-993368/8	50.0	9.317589	50.0	760583.0	0.186352	Y
7	STD200 460-993368/9	200.0	35.896178	50.0	788850.0	0.179481	Y
8	STD500 460-993368/10	500.0	87.675443	50.0	838521.0	0.175351	N



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

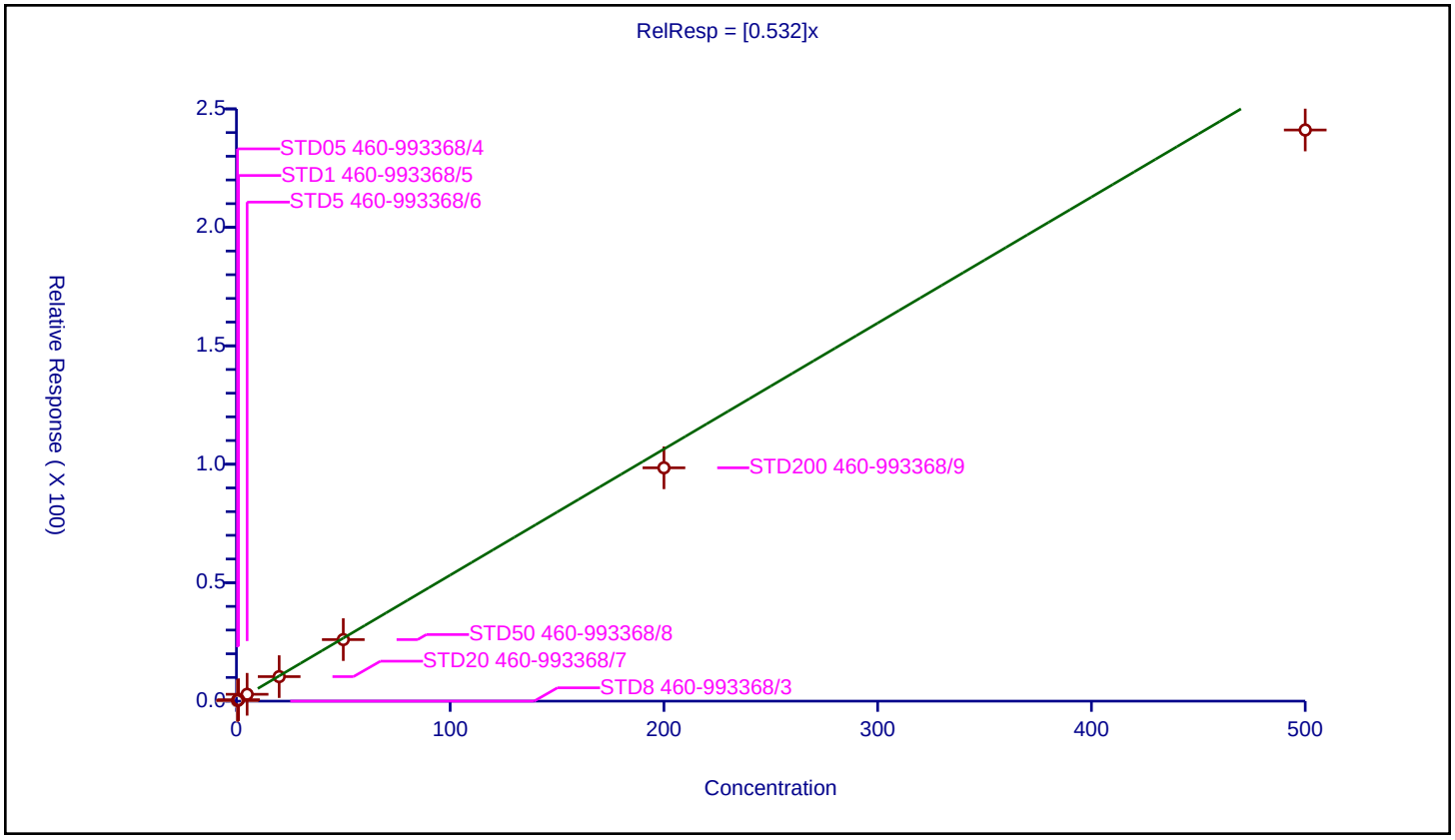
Curve Coefficients

Intercept:	0
Slope:	0.532

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.266787	50.0	767841.0	0.533574	Y
3	STD1 460-993368/5	1.0	0.600242	50.0	736870.0	0.600242	Y
4	STD5 460-993368/6	5.0	2.890585	50.0	753377.0	0.578117	Y
5	STD20 460-993368/7	20.0	10.352421	50.0	750665.0	0.517621	Y
6	STD50 460-993368/8	50.0	25.980399	50.0	760583.0	0.519608	Y
7	STD200 460-993368/9	200.0	98.488116	50.0	788850.0	0.492441	Y
8	STD500 460-993368/10	500.0	241.093723	50.0	838521.0	0.482187	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

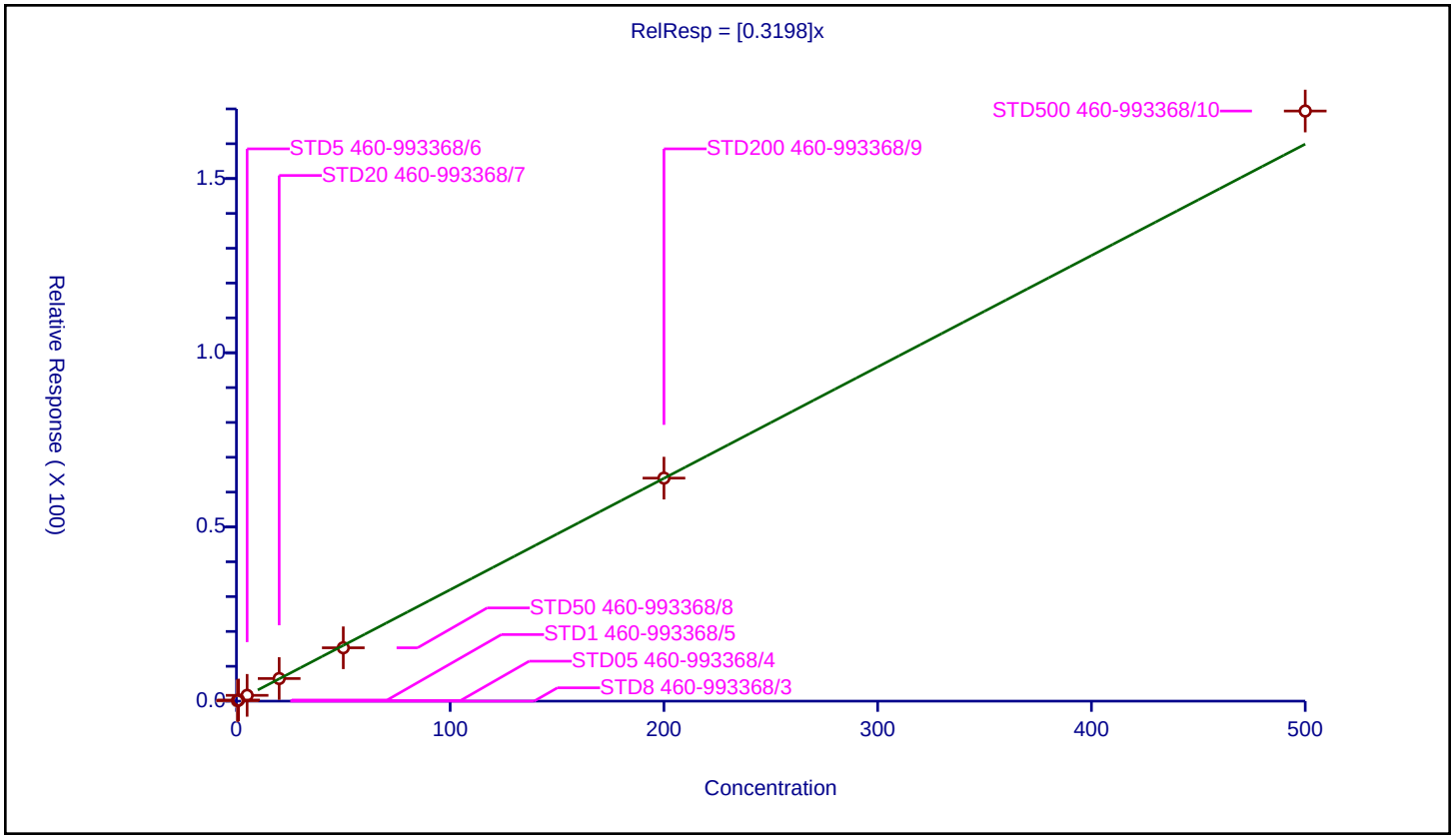
Curve Coefficients

Intercept:	0
Slope:	0.3198

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.151073	50.0	767841.0	0.302146	Y
3	STD1 460-993368/5	1.0	0.314574	50.0	736870.0	0.314574	Y
4	STD5 460-993368/6	5.0	1.661386	50.0	753377.0	0.332277	Y
5	STD20 460-993368/7	20.0	6.485649	50.0	750665.0	0.324282	Y
6	STD50 460-993368/8	50.0	15.320682	50.0	760583.0	0.306414	Y
7	STD200 460-993368/9	200.0	64.017367	50.0	788850.0	0.320087	Y
8	STD500 460-993368/10	500.0	169.385561	50.0	838521.0	0.338771	Y



Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

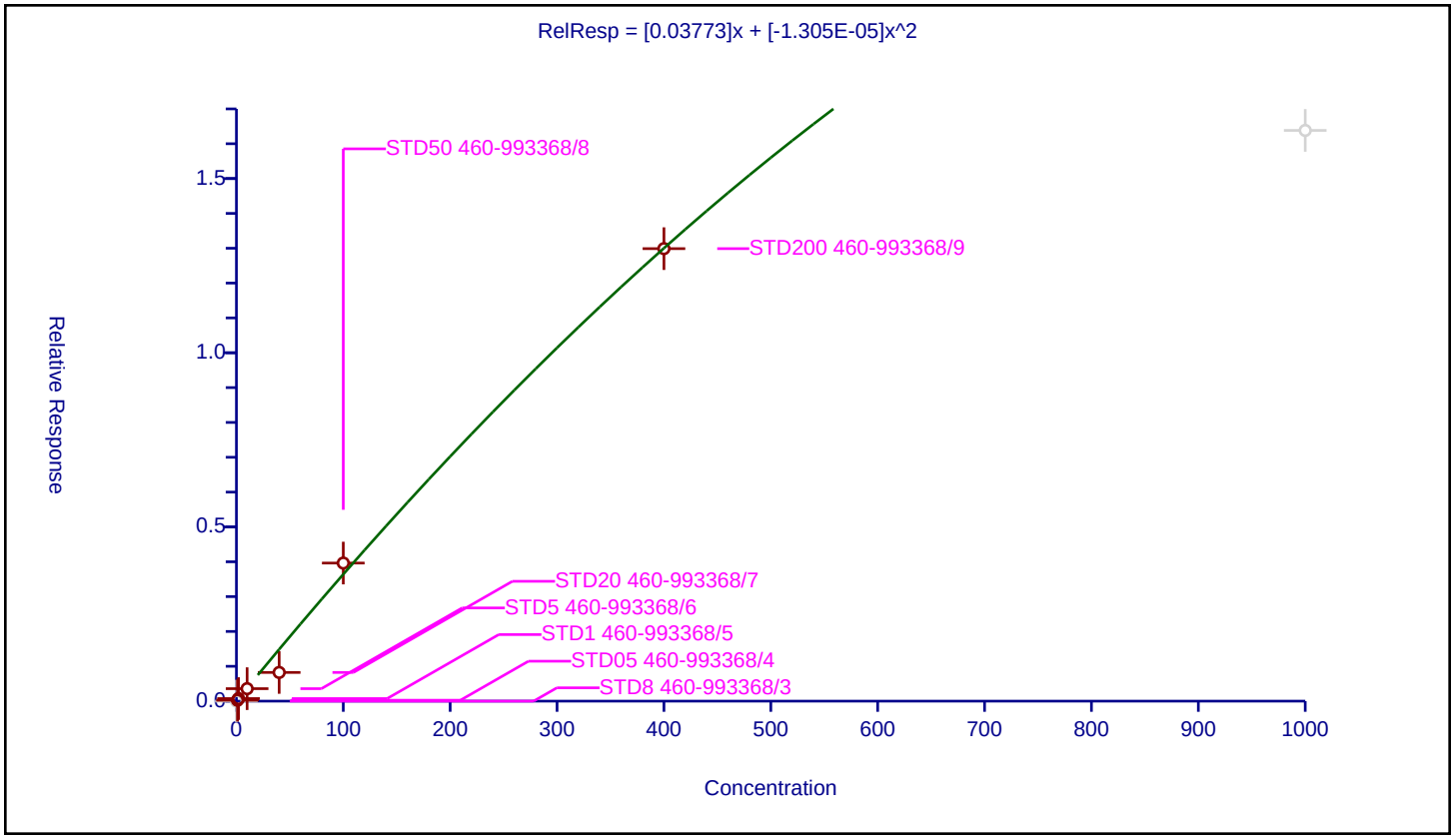
Curve Coefficients

Intercept:	0
Slope:	0.03773
Second Order:	-1.305E-05

Error Coefficients

Relative Standard Deviation:	27.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.026438	50.0	767841.0	0.026438	Y
3	STD1 460-993368/5	2.0	0.073826	50.0	736870.0	0.036913	Y
4	STD5 460-993368/6	10.0	0.358121	50.0	753377.0	0.035812	Y
5	STD20 460-993368/7	40.0	0.824003	50.0	750665.0	0.0206	Y
6	STD50 460-993368/8	100.0	3.963407	50.0	760583.0	0.039634	Y
7	STD200 460-993368/9	400.0	12.988654	50.0	788850.0	0.032472	Y
8	STD500 460-993368/10	1000.0	16.381343	50.0	838521.0	0.016381	N



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

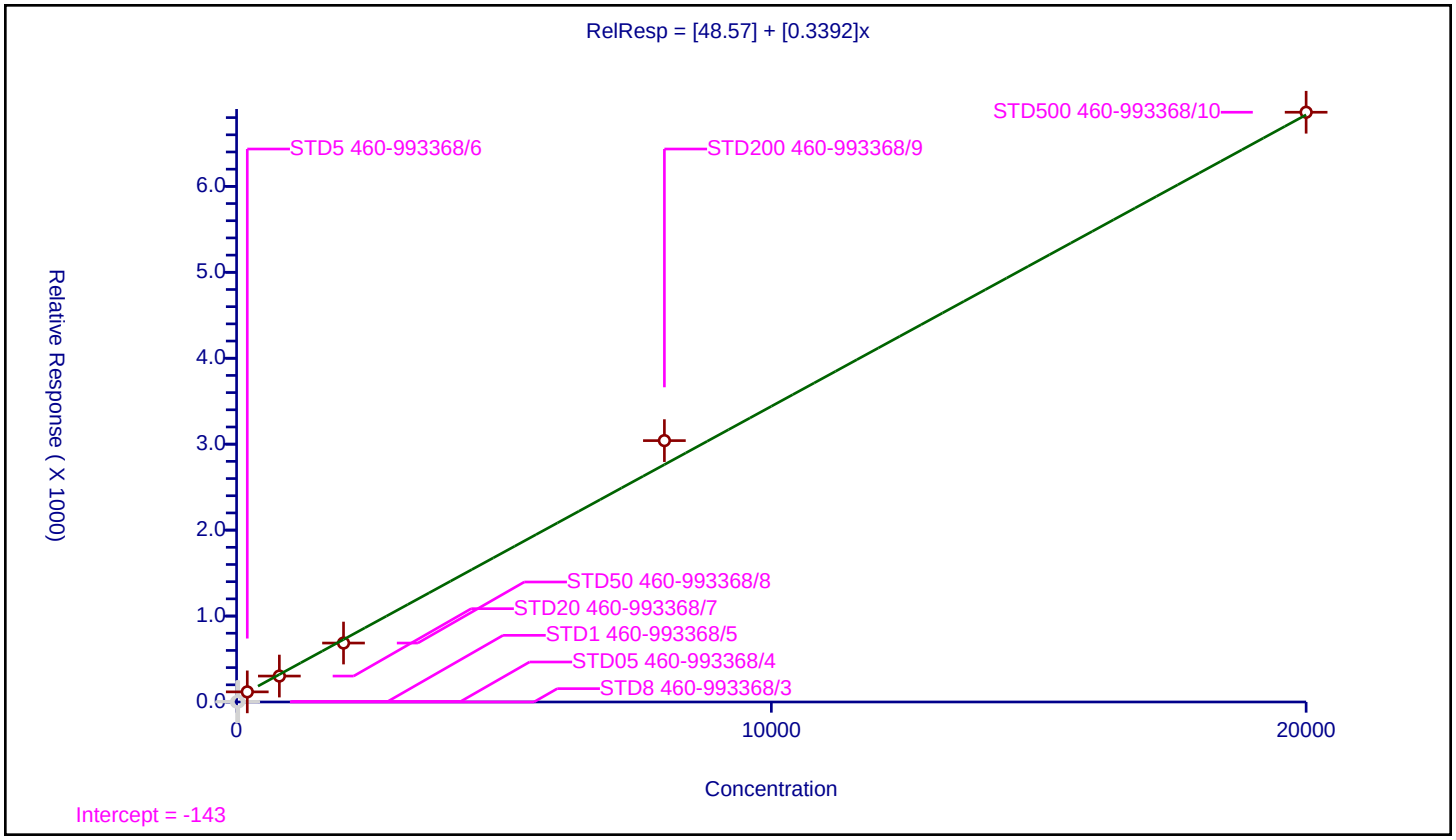
Curve Coefficients

Intercept:	48.57
Slope:	0.3392

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	20.0	6.320431	1000.0	40820.0	0.316022	N
3	STD1 460-993368/5	40.0	3.594982	1000.0	40334.0	0.089875	N
4	STD5 460-993368/6	200.0	117.779805	1000.0	41654.0	0.588899	Y
5	STD20 460-993368/7	800.0	301.683545	1000.0	46509.0	0.377104	Y
6	STD50 460-993368/8	2000.0	686.059043	1000.0	51962.0	0.34303	Y
7	STD200 460-993368/9	8000.0	3041.538549	1000.0	53011.0	0.380192	Y
8	STD500 460-993368/10	20000.0	6862.535954	1000.0	66752.0	0.343127	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

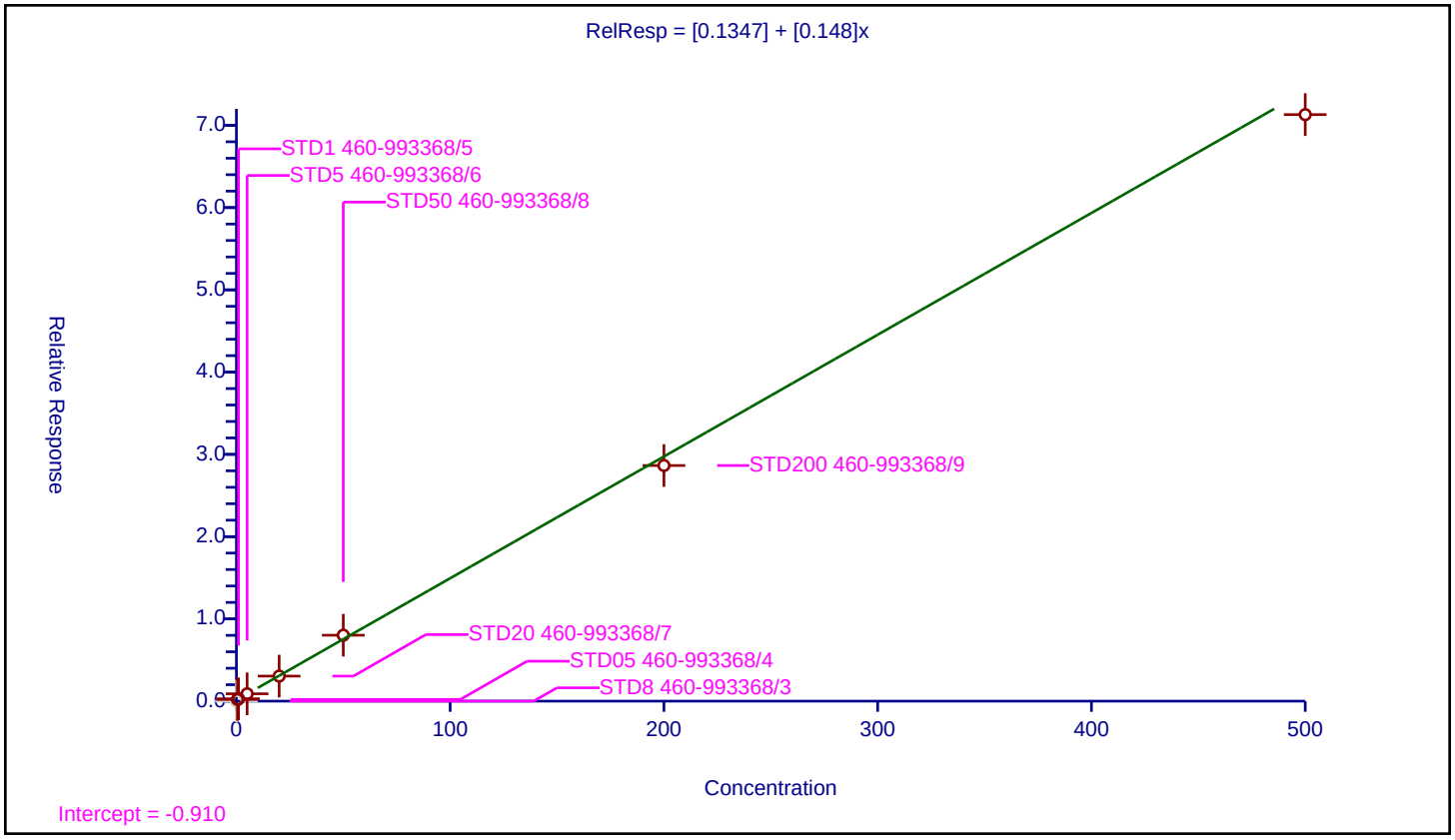
Curve Coefficients

Intercept:	0.1347
Slope:	0.148

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.208376	50.0	767841.0	0.416753	Y
3	STD1 460-993368/5	1.0	0.283361	50.0	736870.0	0.283361	Y
4	STD5 460-993368/6	5.0	0.895767	50.0	753377.0	0.179153	Y
5	STD20 460-993368/7	20.0	3.046699	50.0	750665.0	0.152335	Y
6	STD50 460-993368/8	50.0	8.013984	50.0	760583.0	0.16028	Y
7	STD200 460-993368/9	200.0	28.645243	50.0	788850.0	0.143226	Y
8	STD500 460-993368/10	500.0	71.304893	50.0	838521.0	0.14261	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

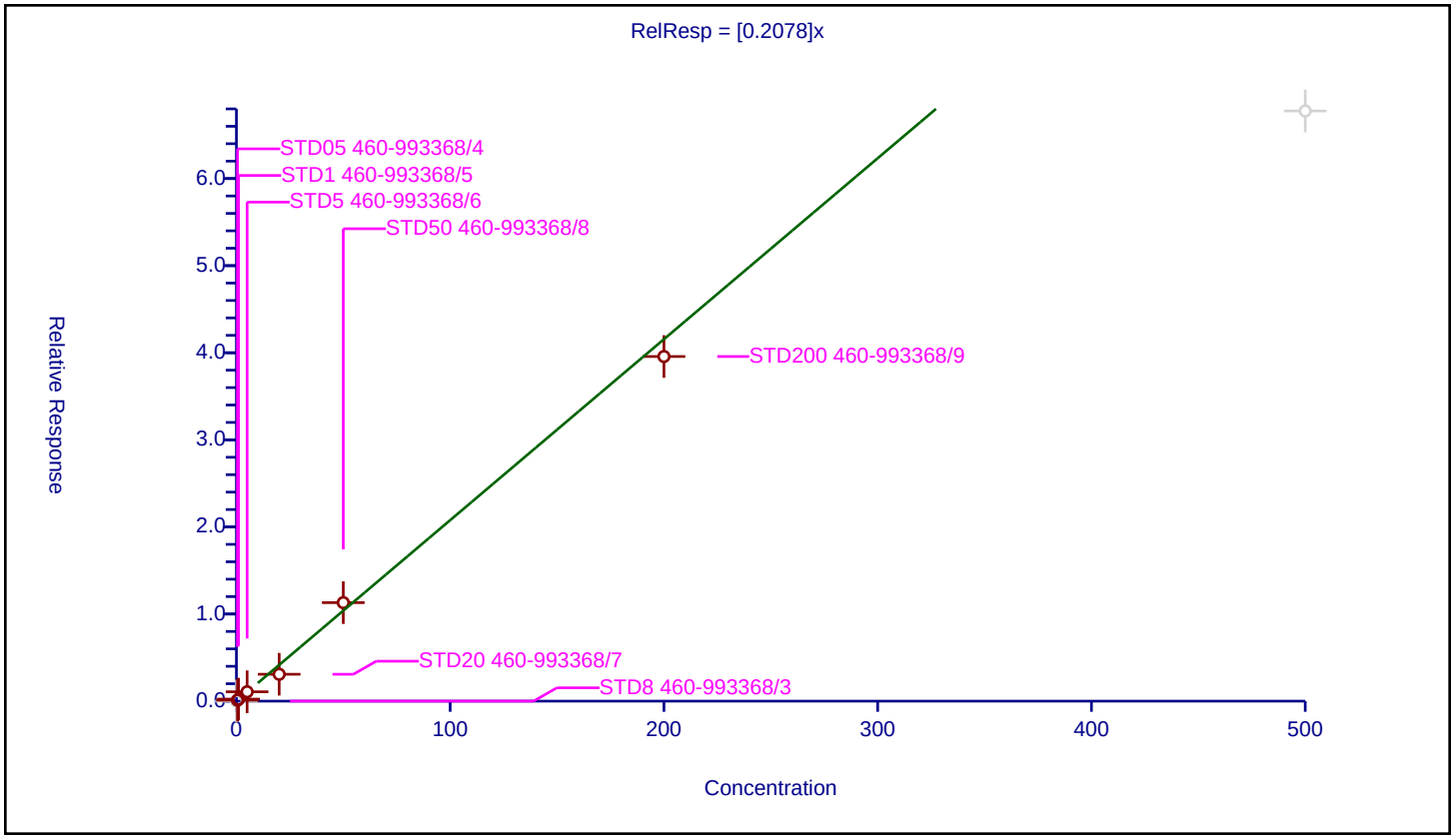
Curve Coefficients

Intercept:	0
Slope:	0.2078

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.111937	50.0	767841.0	0.223874	Y
3	STD1 460-993368/5	1.0	0.22962	50.0	736870.0	0.22962	Y
4	STD5 460-993368/6	5.0	1.073765	50.0	753377.0	0.214753	Y
5	STD20 460-993368/7	20.0	3.087795	50.0	750665.0	0.15439	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	39.568803	50.0	788850.0	0.197844	Y
8	STD500 460-993368/10	500.0	67.758231	50.0	838521.0	0.135516	N



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

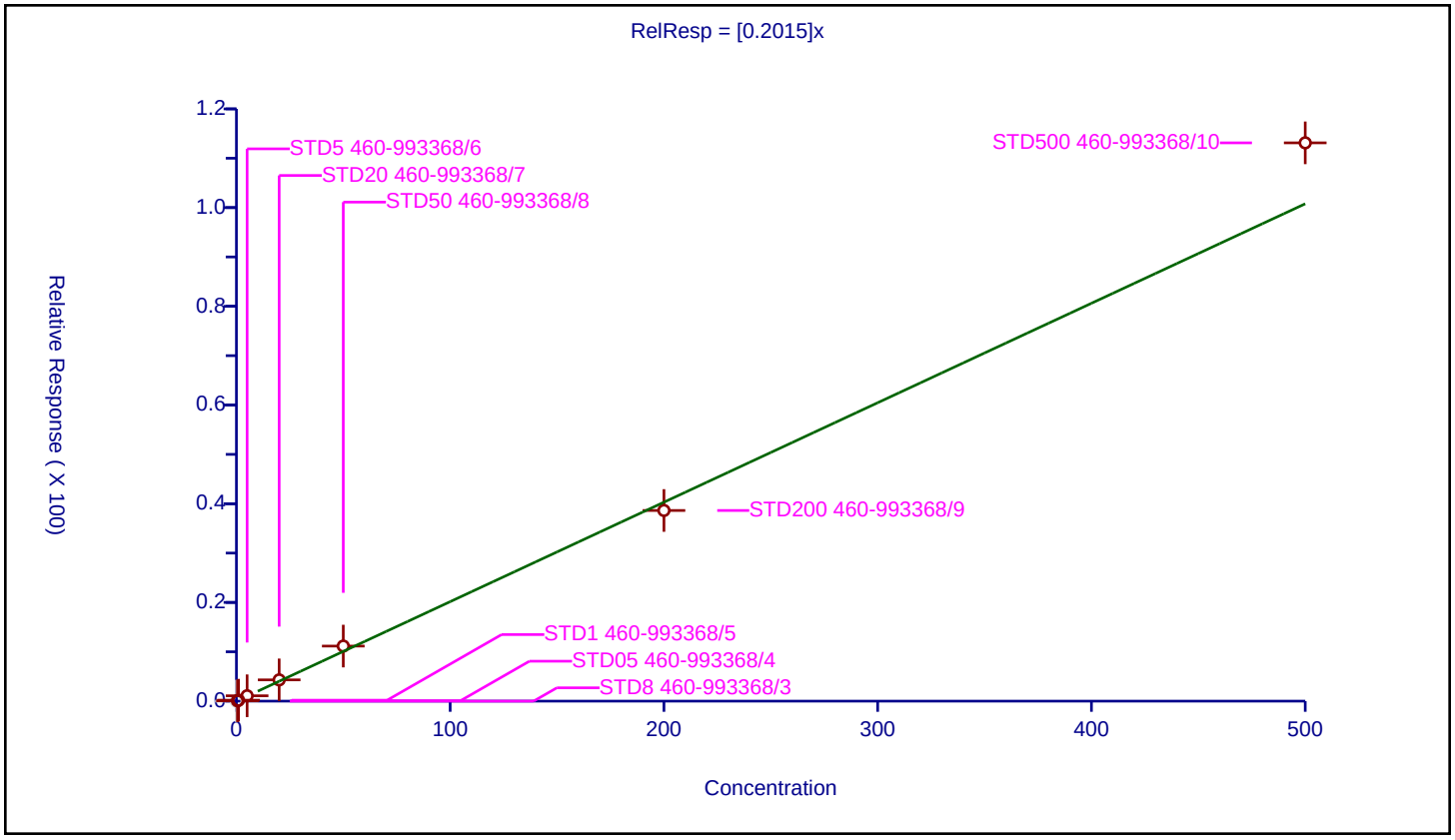
Curve Coefficients

Intercept:	0
Slope:	0.2015

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.072997	50.0	767841.0	0.145994	Y
3	STD1 460-993368/5	1.0	0.189586	50.0	736870.0	0.189586	Y
4	STD5 460-993368/6	5.0	1.08611	50.0	753377.0	0.217222	Y
5	STD20 460-993368/7	20.0	4.308846	50.0	750665.0	0.215442	Y
6	STD50 460-993368/8	50.0	11.156639	50.0	760583.0	0.223133	Y
7	STD200 460-993368/9	200.0	38.631742	50.0	788850.0	0.193159	Y
8	STD500 460-993368/10	500.0	113.118634	50.0	838521.0	0.226237	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

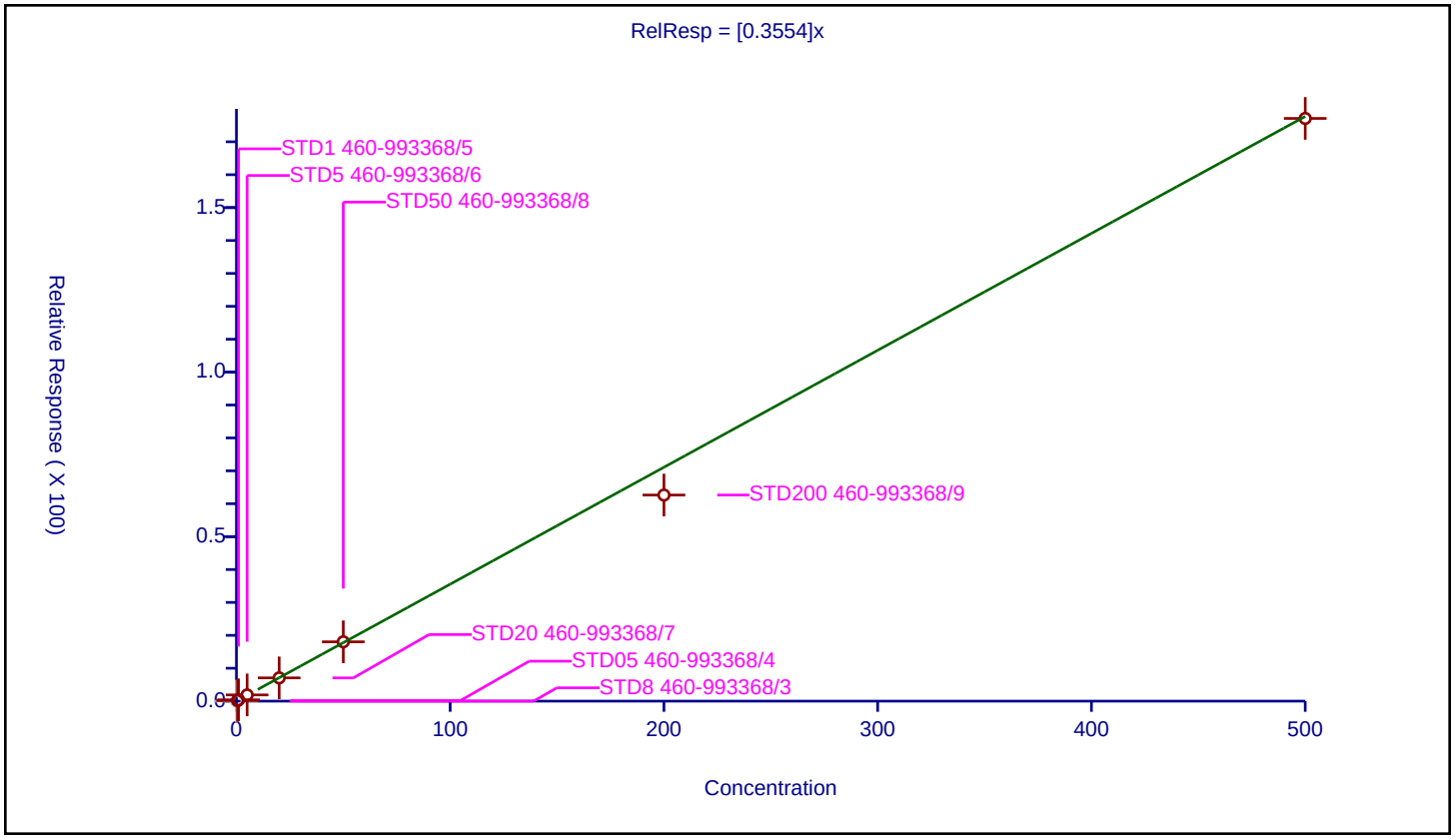
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.163445	50.0	767841.0	0.326891	Y
3	STD1 460-993368/5	1.0	0.400681	50.0	736870.0	0.400681	Y
4	STD5 460-993368/6	5.0	1.893541	50.0	753377.0	0.378708	Y
5	STD20 460-993368/7	20.0	7.072995	50.0	750665.0	0.35365	Y
6	STD50 460-993368/8	50.0	18.029853	50.0	760583.0	0.360597	Y
7	STD200 460-993368/9	200.0	62.64163	50.0	788850.0	0.313208	Y
8	STD500 460-993368/10	500.0	177.099441	50.0	838521.0	0.354199	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

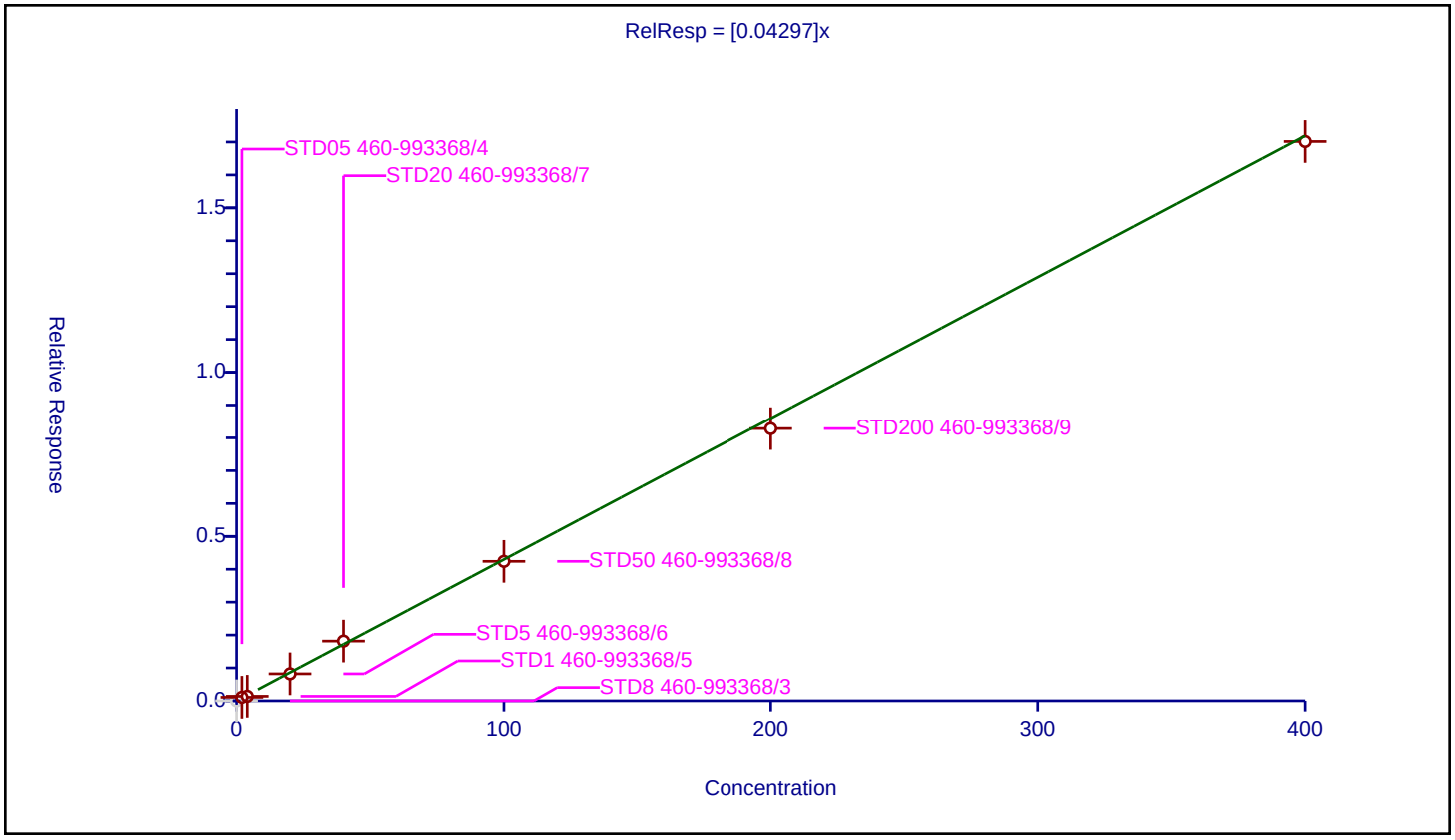
Curve Coefficients

Intercept:	0
Slope:	0.04297

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	2.0	0.107119	50.0	767841.0	0.053559	Y
3	STD1 460-993368/5	4.0	0.13788	50.0	736870.0	0.03447	Y
4	STD5 460-993368/6	20.0	0.820572	50.0	753377.0	0.041029	Y
5	STD20 460-993368/7	40.0	1.815923	50.0	750665.0	0.045398	Y
6	STD50 460-993368/8	100.0	4.2403	50.0	760583.0	0.042403	Y
7	STD200 460-993368/9	200.0	8.283387	50.0	788850.0	0.041417	Y
8	STD500 460-993368/10	400.0	17.016807	50.0	838521.0	0.042542	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

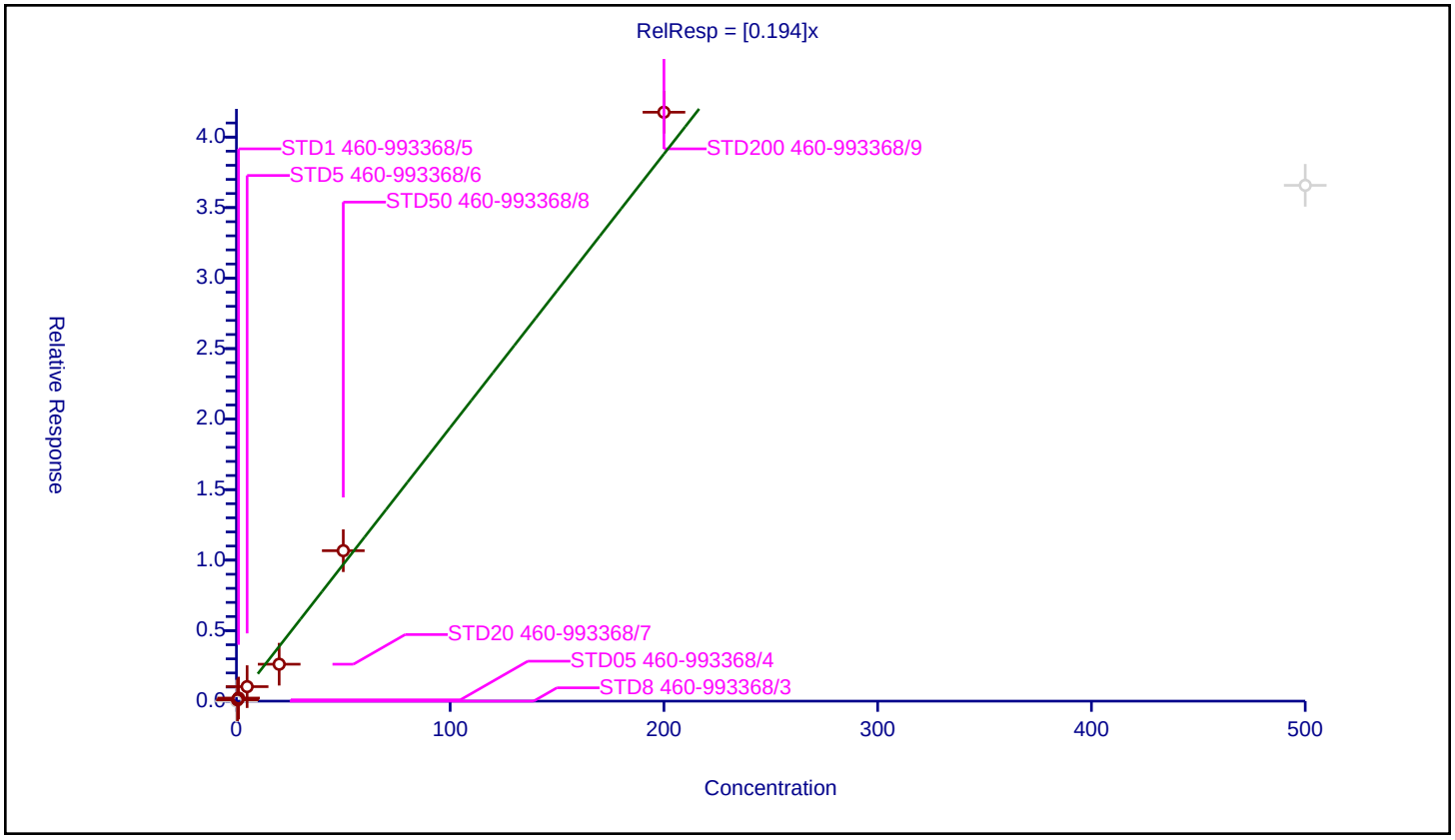
Curve Coefficients

Intercept:	0
Slope:	0.194

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.093769	50.0	767841.0	0.187539	Y
3	STD1 460-993368/5	1.0	0.217813	50.0	736870.0	0.217813	Y
4	STD5 460-993368/6	5.0	1.028104	50.0	753377.0	0.205621	Y
5	STD20 460-993368/7	20.0	2.619144	50.0	750665.0	0.130957	Y
6	STD50 460-993368/8	50.0	10.668001	50.0	760583.0	0.21336	Y
7	STD200 460-993368/9	200.0	41.76396	50.0	788850.0	0.20882	Y
8	STD500 460-993368/10	500.0	36.57875	50.0	838521.0	0.073157	N



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

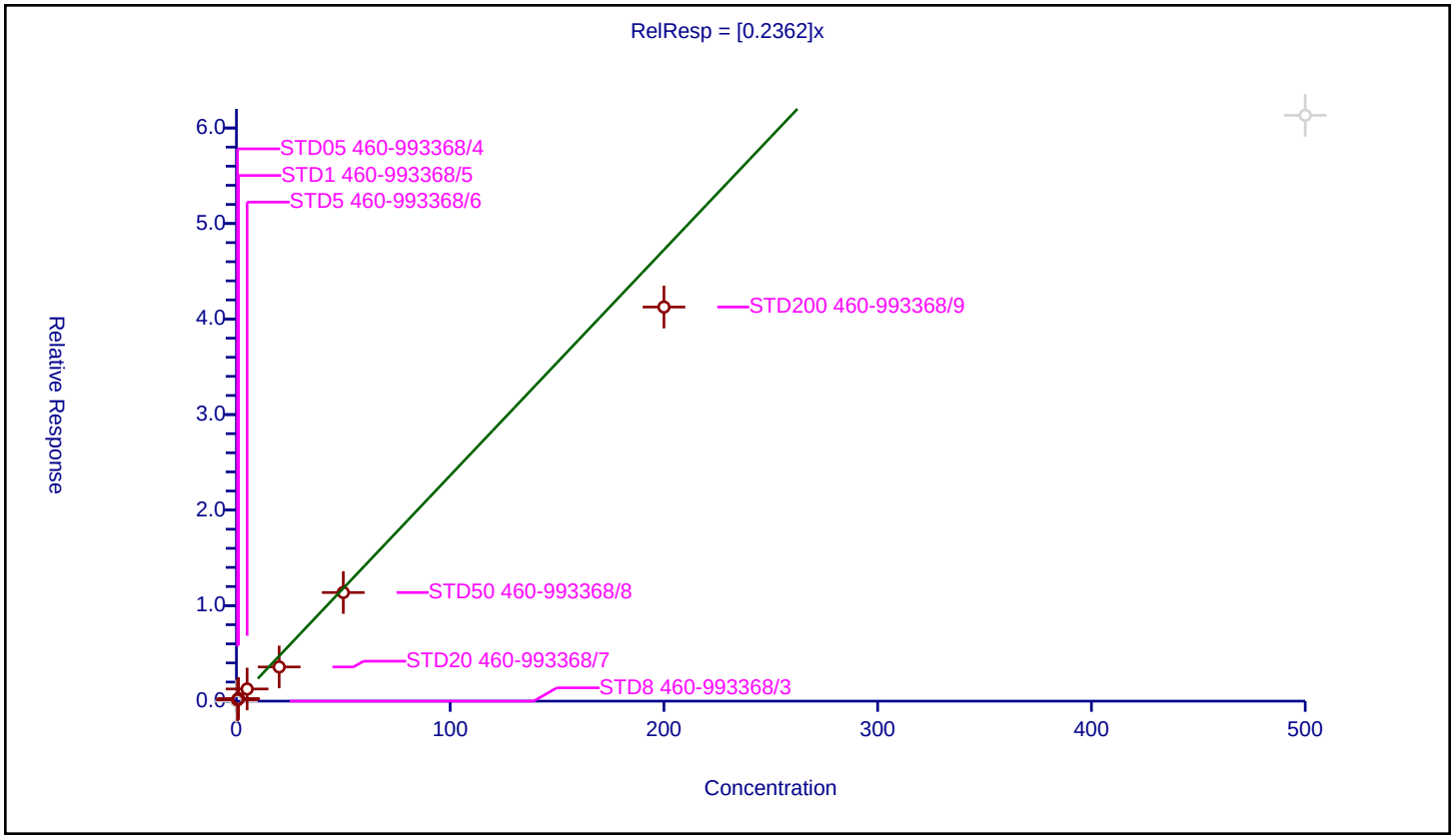
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.140524	50.0	767841.0	0.281048	Y
3	STD1 460-993368/5	1.0	0.269518	50.0	736870.0	0.269518	Y
4	STD5 460-993368/6	5.0	1.271541	50.0	753377.0	0.254308	Y
5	STD20 460-993368/7	20.0	3.577295	50.0	750665.0	0.178865	Y
6	STD50 460-993368/8	50.0	11.371343	50.0	760583.0	0.227427	Y
7	STD200 460-993368/9	200.0	41.255879	50.0	788850.0	0.206279	Y
8	STD500 460-993368/10	500.0	61.328279	50.0	838521.0	0.122657	N



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

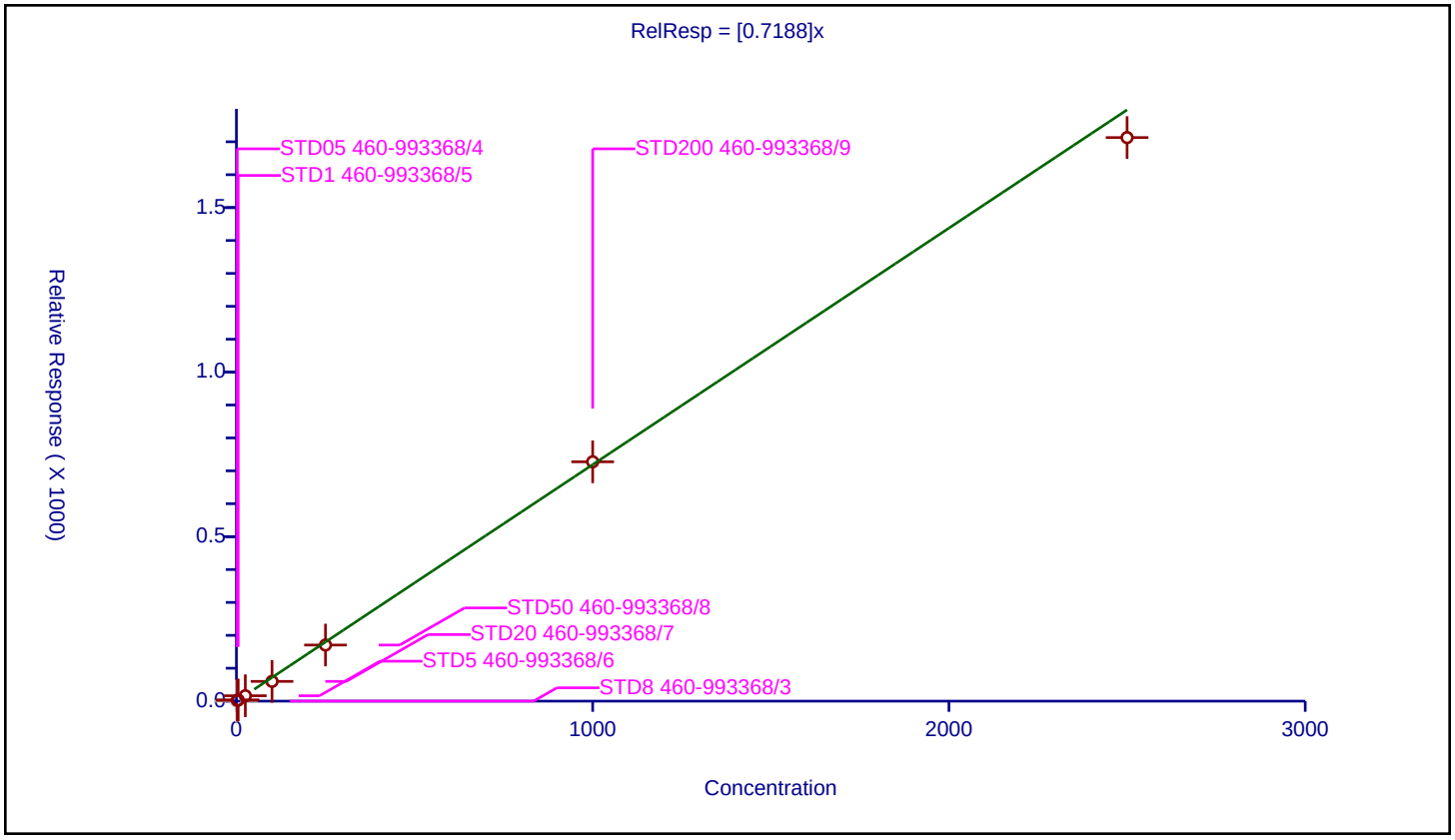
Curve Coefficients

Intercept:	0
Slope:	0.7188

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.382391	250.0	395506.0	0.952956	Y
3	STD1 460-993368/5	5.0	3.647848	250.0	398180.0	0.72957	Y
4	STD5 460-993368/6	25.0	16.353561	250.0	406838.0	0.654142	Y
5	STD20 460-993368/7	100.0	60.053248	250.0	409216.0	0.600532	Y
6	STD50 460-993368/8	250.0	170.505206	250.0	425965.0	0.682021	Y
7	STD200 460-993368/9	1000.0	727.463209	250.0	444806.0	0.727463	Y
8	STD500 460-993368/10	2500.0	1712.817426	250.0	496691.0	0.685127	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

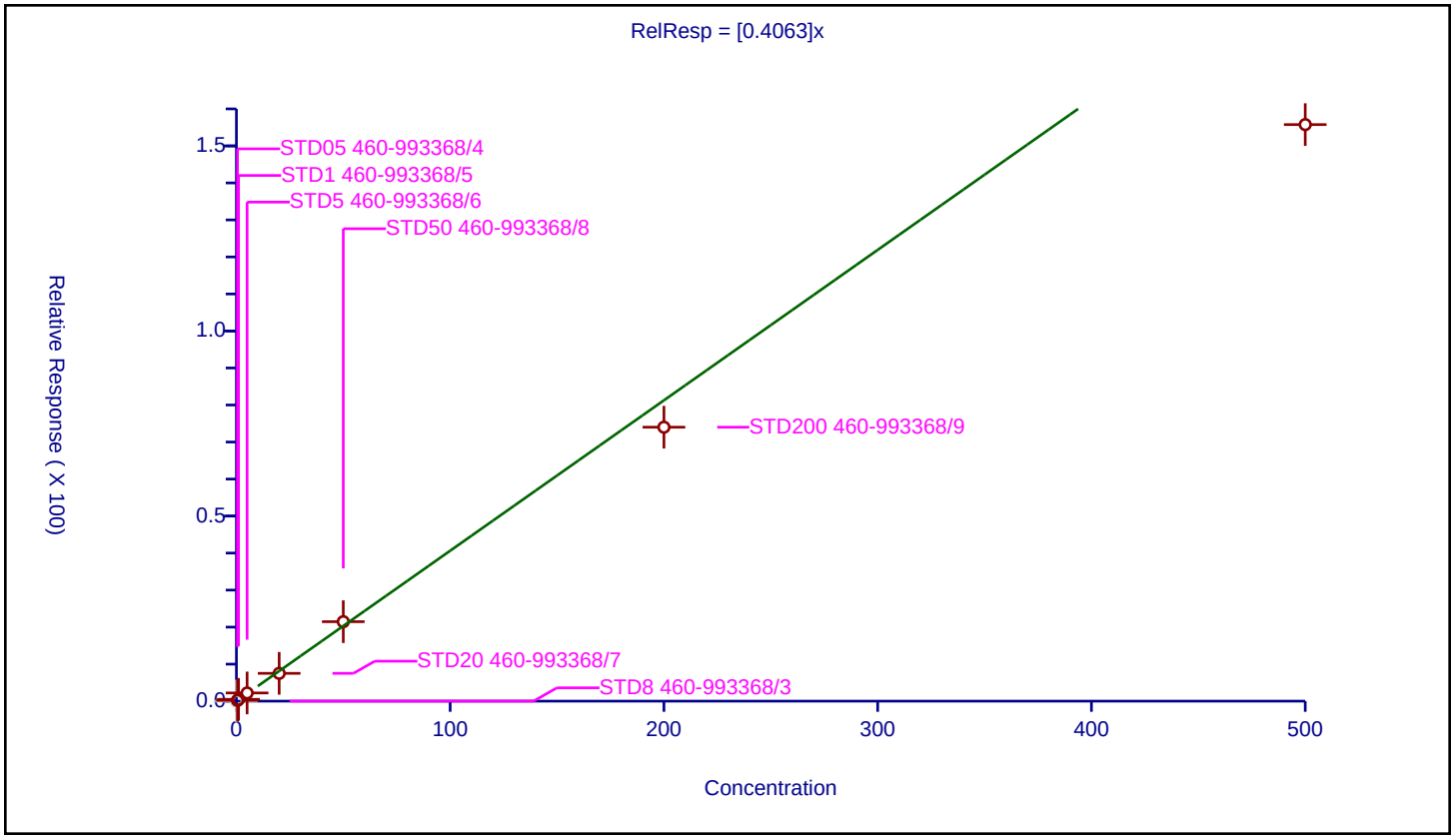
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.214563	50.0	767841.0	0.429125	Y
3	STD1 460-993368/5	1.0	0.486992	50.0	736870.0	0.486992	Y
4	STD5 460-993368/6	5.0	2.210845	50.0	753377.0	0.442169	Y
5	STD20 460-993368/7	20.0	7.505478	50.0	750665.0	0.375274	Y
6	STD50 460-993368/8	50.0	21.464193	50.0	760583.0	0.429284	Y
7	STD200 460-993368/9	200.0	74.007669	50.0	788850.0	0.370038	Y
8	STD500 460-993368/10	500.0	155.753583	50.0	838521.0	0.311507	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

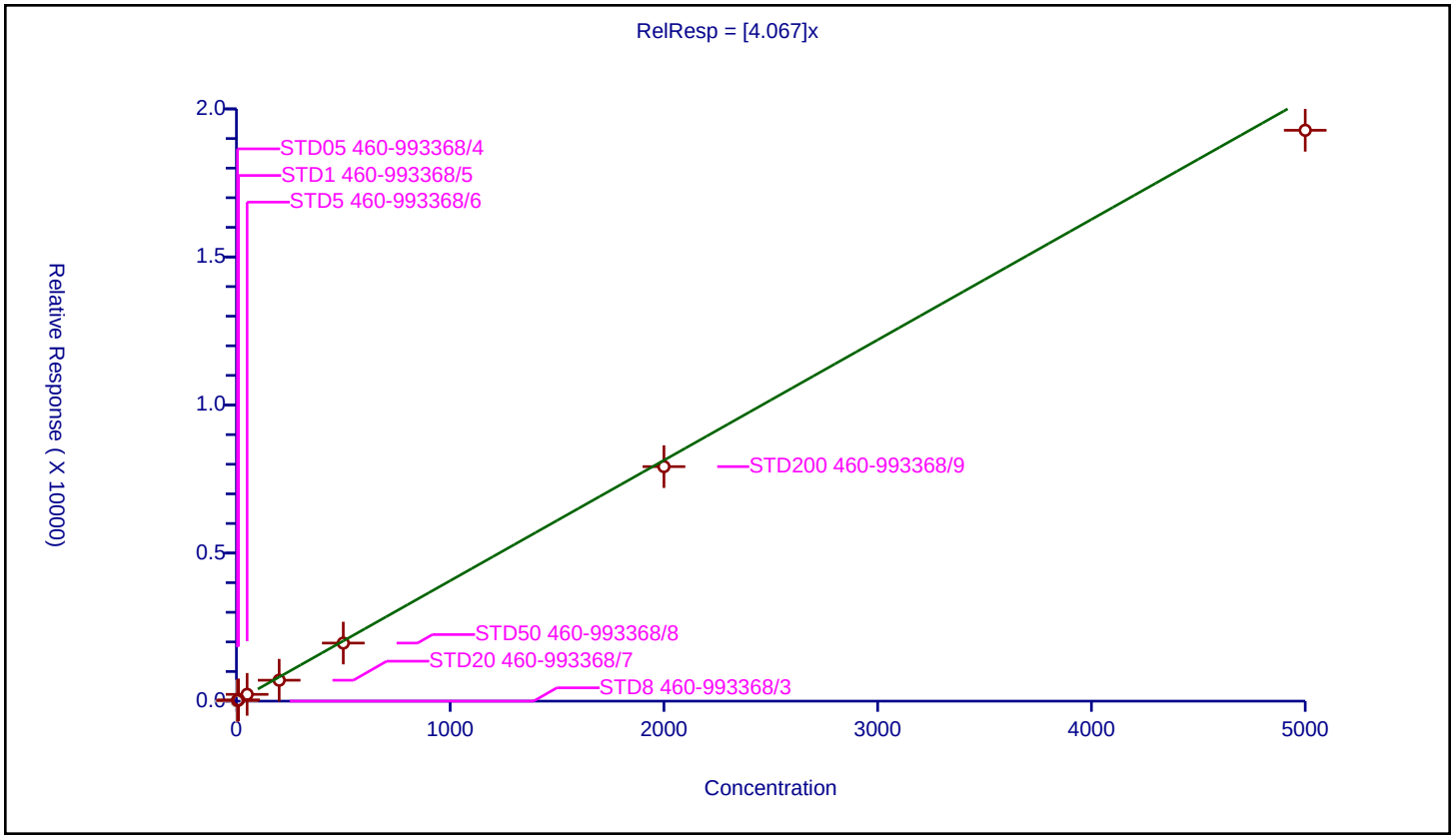
Curve Coefficients

Intercept:	0
Slope:	4.067

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	21.55806	1000.0	40820.0	4.311612	Y
3	STD1 460-993368/5	10.0	43.065404	1000.0	40334.0	4.30654	Y
4	STD5 460-993368/6	50.0	228.957603	1000.0	41654.0	4.579152	Y
5	STD20 460-993368/7	200.0	706.658926	1000.0	46509.0	3.533295	Y
6	STD50 460-993368/8	500.0	1960.85601	1000.0	51962.0	3.921712	Y
7	STD200 460-993368/9	2000.0	7919.903416	1000.0	53011.0	3.959952	Y
8	STD500 460-993368/10	5000.0	19277.80441	1000.0	66752.0	3.855561	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

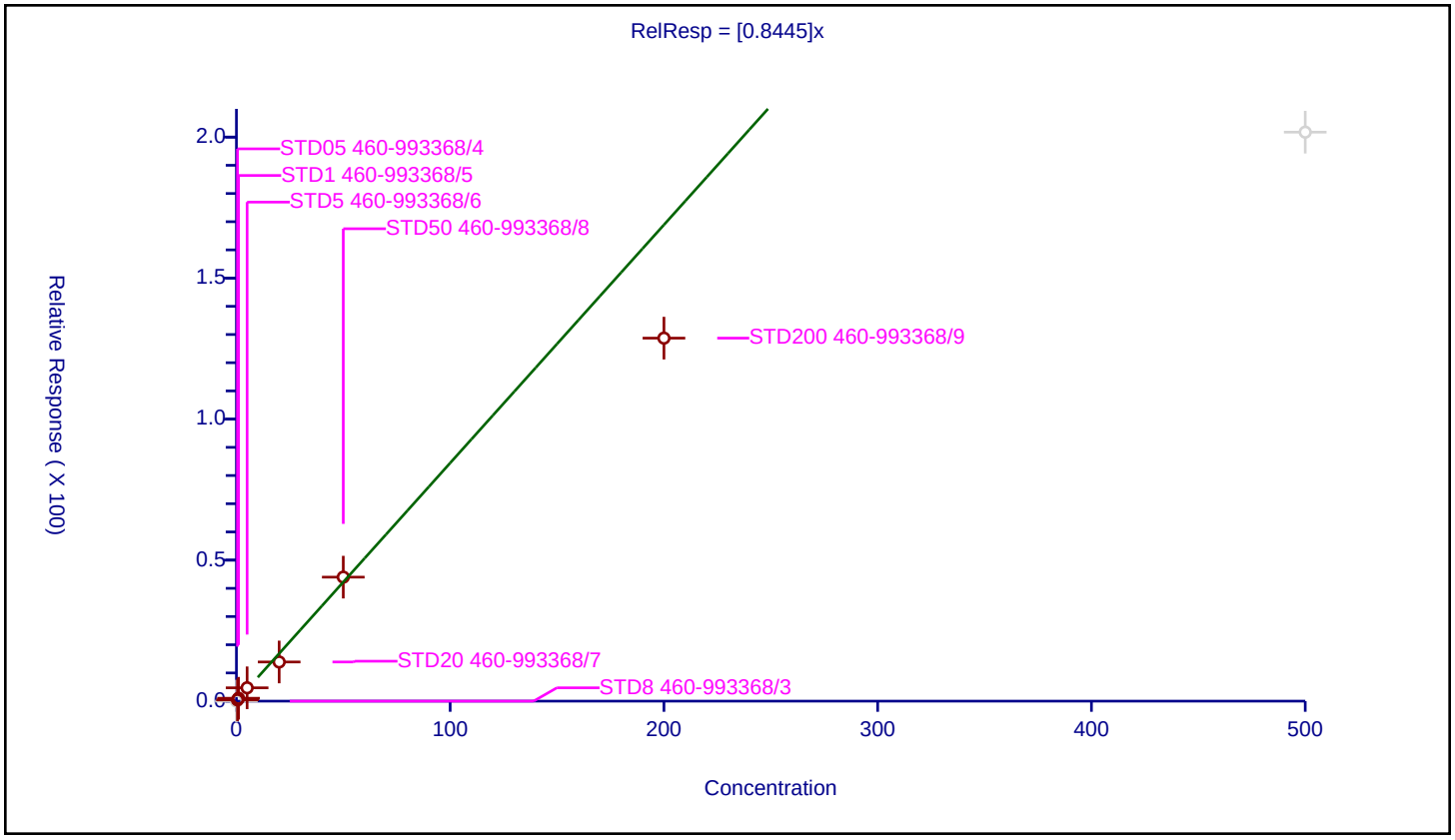
Curve Coefficients

Intercept:	0
Slope:	0.8445

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.441693	50.0	767841.0	0.883386	Y
3	STD1 460-993368/5	1.0	1.020872	50.0	736870.0	1.020872	Y
4	STD5 460-993368/6	5.0	4.726452	50.0	753377.0	0.94529	Y
5	STD20 460-993368/7	20.0	13.89075	50.0	750665.0	0.694538	Y
6	STD50 460-993368/8	50.0	43.963644	50.0	760583.0	0.879273	Y
7	STD200 460-993368/9	200.0	128.714331	50.0	788850.0	0.643572	Y
8	STD500 460-993368/10	500.0	201.750523	50.0	838521.0	0.403501	N



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

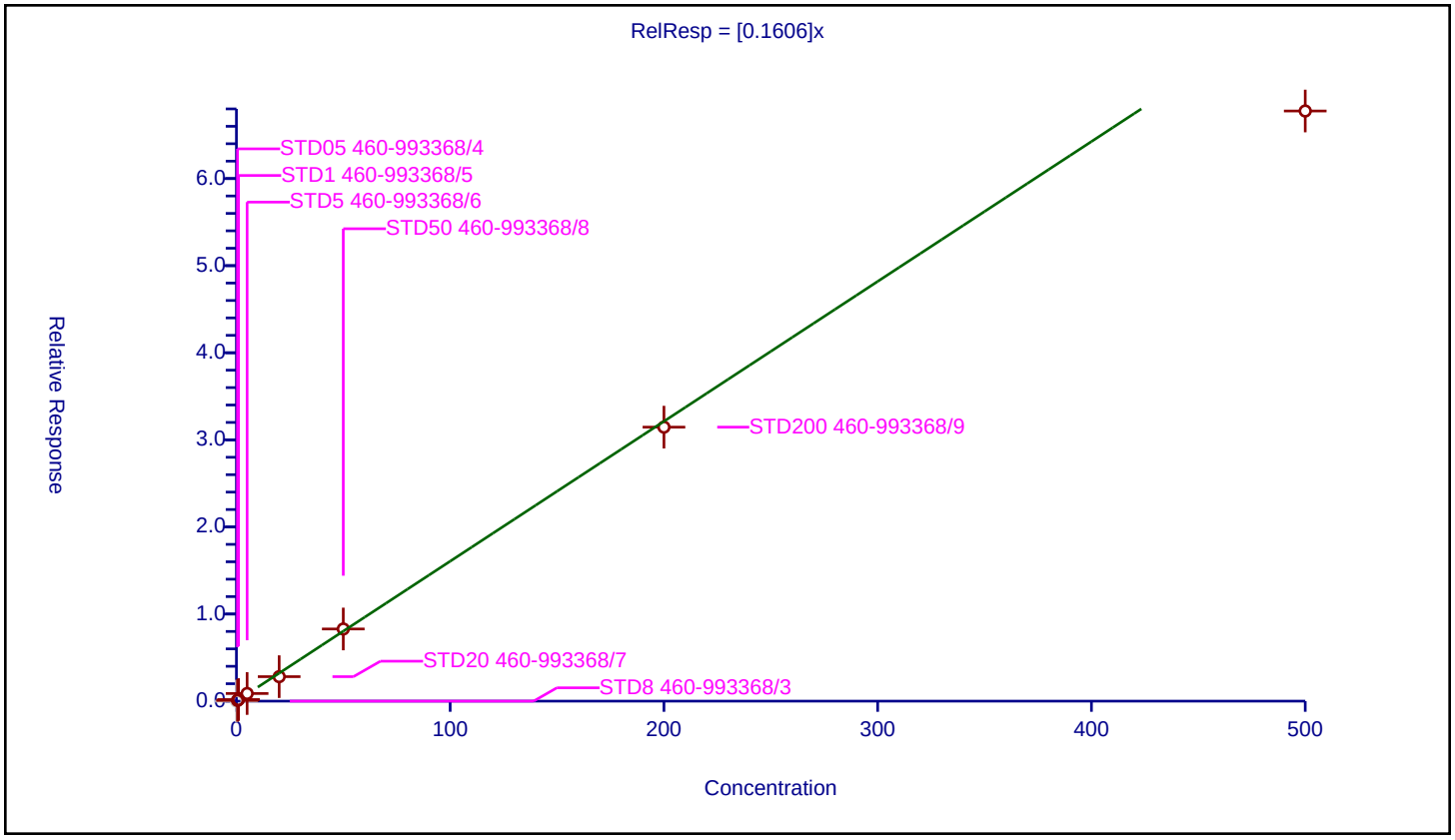
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.084523	50.0	767841.0	0.169045	Y
3	STD1 460-993368/5	1.0	0.180968	50.0	736870.0	0.180968	Y
4	STD5 460-993368/6	5.0	0.876454	50.0	753377.0	0.175291	Y
5	STD20 460-993368/7	20.0	2.811507	50.0	750665.0	0.140575	Y
6	STD50 460-993368/8	50.0	8.285815	50.0	760583.0	0.165716	Y
7	STD200 460-993368/9	200.0	31.458008	50.0	788850.0	0.15729	Y
8	STD500 460-993368/10	500.0	67.759543	50.0	838521.0	0.135519	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

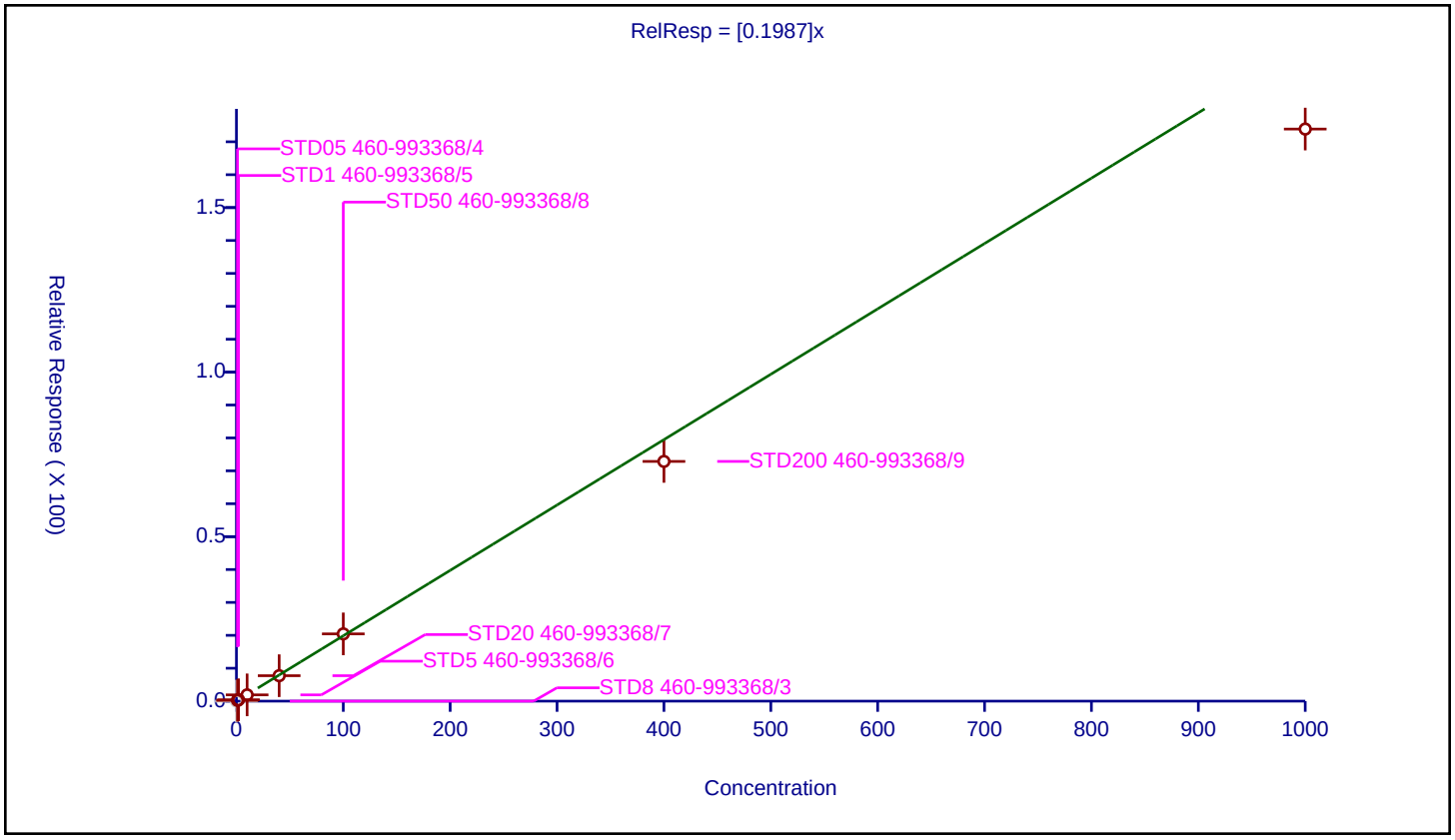
Curve Coefficients

Intercept:	0
Slope:	0.1987

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.24074	50.0	767841.0	0.24074	Y
3	STD1 460-993368/5	2.0	0.410927	50.0	736870.0	0.205464	Y
4	STD5 460-993368/6	10.0	1.909137	50.0	753377.0	0.190914	Y
5	STD20 460-993368/7	40.0	7.730546	50.0	750665.0	0.193264	Y
6	STD50 460-993368/8	100.0	20.444251	50.0	760583.0	0.204443	Y
7	STD200 460-993368/9	400.0	72.855296	50.0	788850.0	0.182138	Y
8	STD500 460-993368/10	1000.0	173.873701	50.0	838521.0	0.173874	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

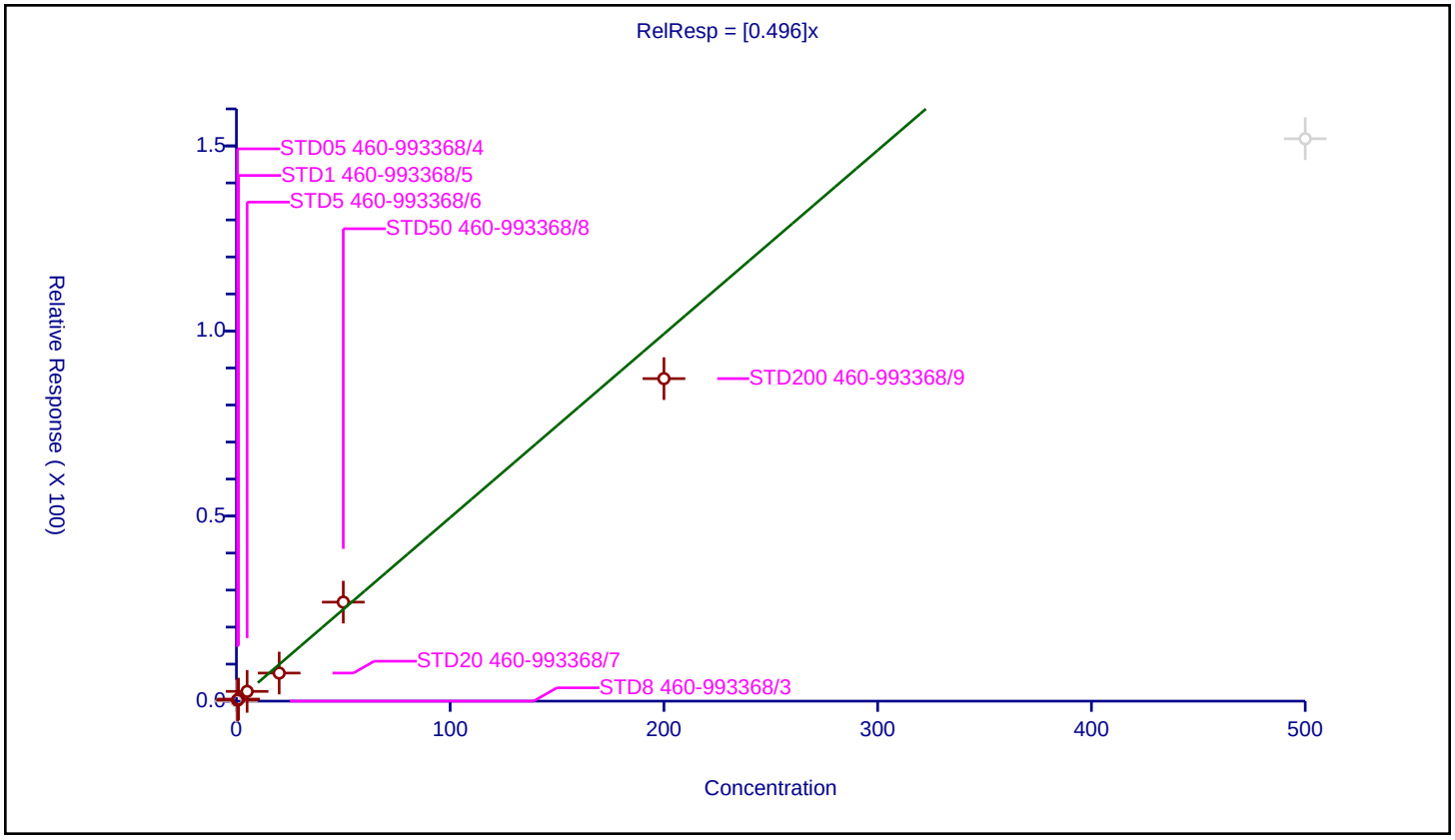
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.273169	50.0	767841.0	0.546337	Y
3	STD1 460-993368/5	1.0	0.553015	50.0	736870.0	0.553015	Y
4	STD5 460-993368/6	5.0	2.634073	50.0	753377.0	0.526815	Y
5	STD20 460-993368/7	20.0	7.588605	50.0	750665.0	0.37943	Y
6	STD50 460-993368/8	50.0	26.749152	50.0	760583.0	0.534983	Y
7	STD200 460-993368/9	200.0	87.129873	50.0	788850.0	0.435649	Y
8	STD500 460-993368/10	500.0	151.933583	50.0	838521.0	0.303867	N



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

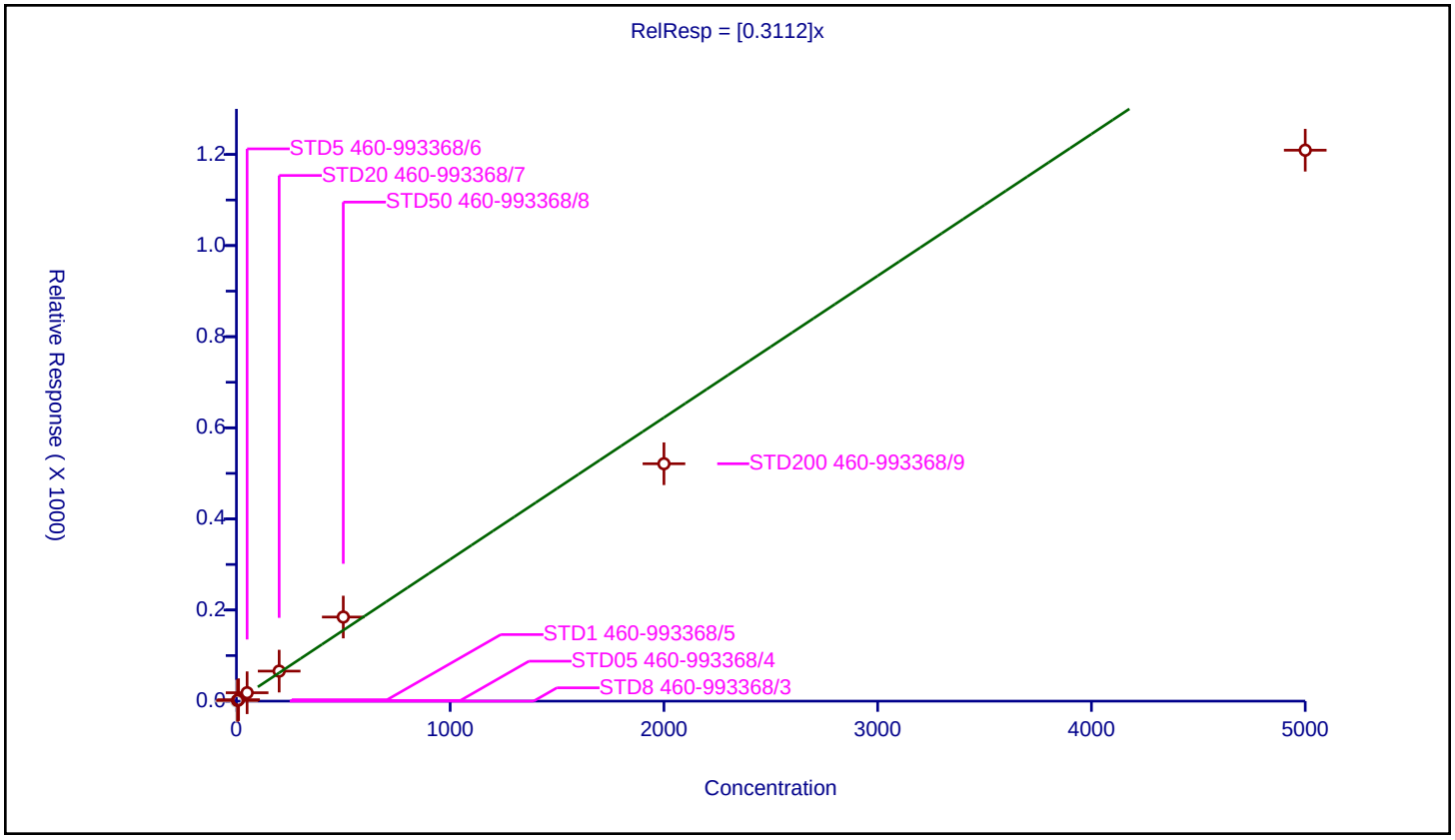
Curve Coefficients

Intercept:	0
Slope:	0.3112

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	5.0	1.490496	250.0	395506.0	0.298099	Y
3	STD1 460-993368/5	10.0	3.101612	250.0	398180.0	0.310161	Y
4	STD5 460-993368/6	50.0	18.439772	250.0	406838.0	0.368795	Y
5	STD20 460-993368/7	200.0	65.93706	250.0	409216.0	0.329685	Y
6	STD50 460-993368/8	500.0	184.601434	250.0	425965.0	0.369203	Y
7	STD200 460-993368/9	2000.0	521.084473	250.0	444806.0	0.260542	Y
8	STD500 460-993368/10	5000.0	1209.300652	250.0	496691.0	0.24186	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

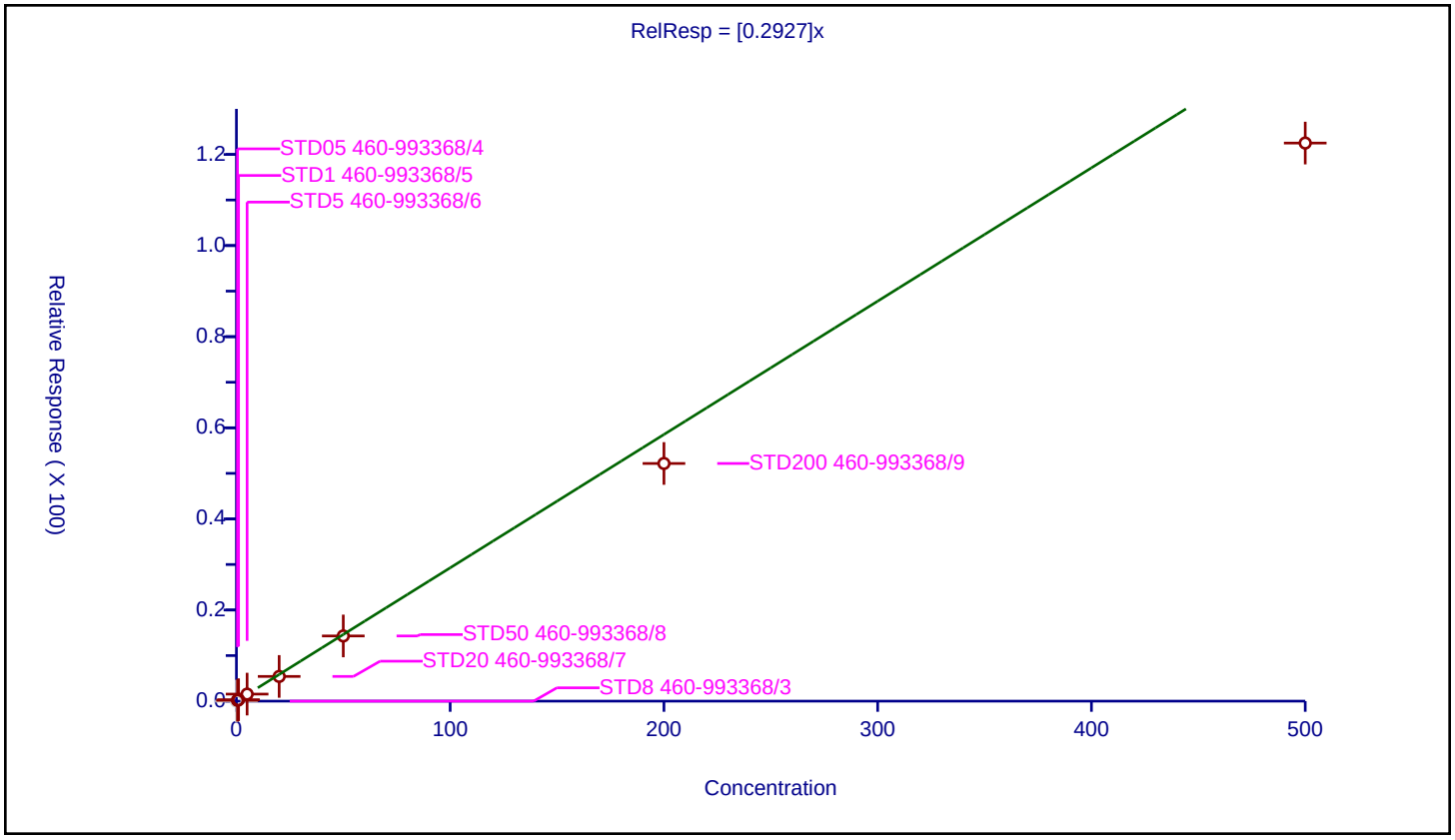
Curve Coefficients

Intercept:	0
Slope:	0.2927

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.185129	50.0	767841.0	0.370259	Y
3	STD1 460-993368/5	1.0	0.30616	50.0	736870.0	0.30616	Y
4	STD5 460-993368/6	5.0	1.54564	50.0	753377.0	0.309128	Y
5	STD20 460-993368/7	20.0	5.421593	50.0	750665.0	0.27108	Y
6	STD50 460-993368/8	50.0	14.306591	50.0	760583.0	0.286132	Y
7	STD200 460-993368/9	200.0	52.166952	50.0	788850.0	0.260835	Y
8	STD500 460-993368/10	500.0	122.499854	50.0	838521.0	0.245	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

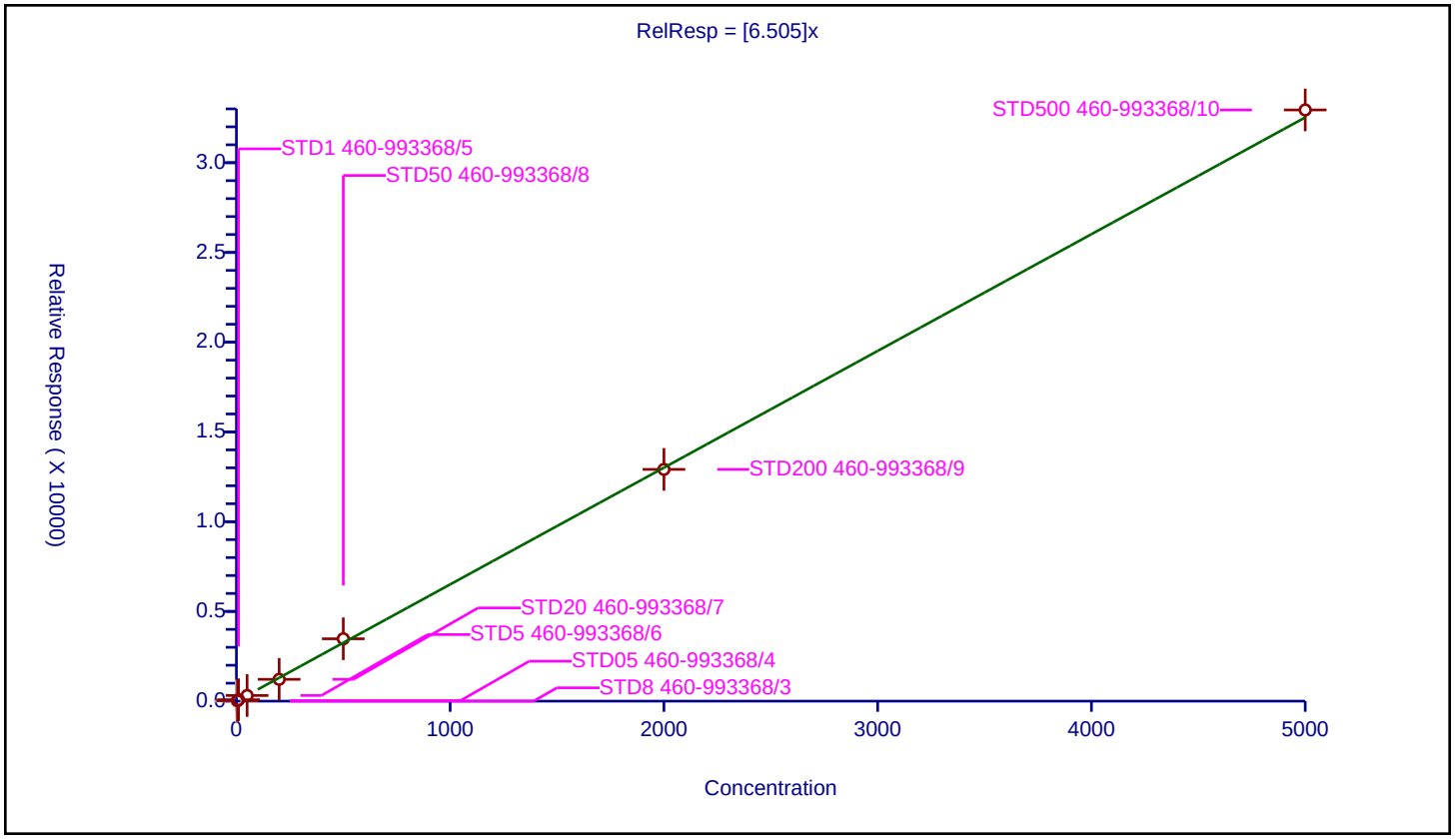
Curve Coefficients

Intercept:	0
Slope:	6.505

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	26.531112	1000.0	40820.0	5.306222	Y
3	STD1 460-993368/5	10.0	78.816879	1000.0	40334.0	7.881688	Y
4	STD5 460-993368/6	50.0	313.919432	1000.0	41654.0	6.278389	Y
5	STD20 460-993368/7	200.0	1214.646628	1000.0	46509.0	6.073233	Y
6	STD50 460-993368/8	500.0	3474.211924	1000.0	51962.0	6.948424	Y
7	STD200 460-993368/9	2000.0	12913.036917	1000.0	53011.0	6.456518	Y
8	STD500 460-993368/10	5000.0	32941.350072	1000.0	66752.0	6.58827	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

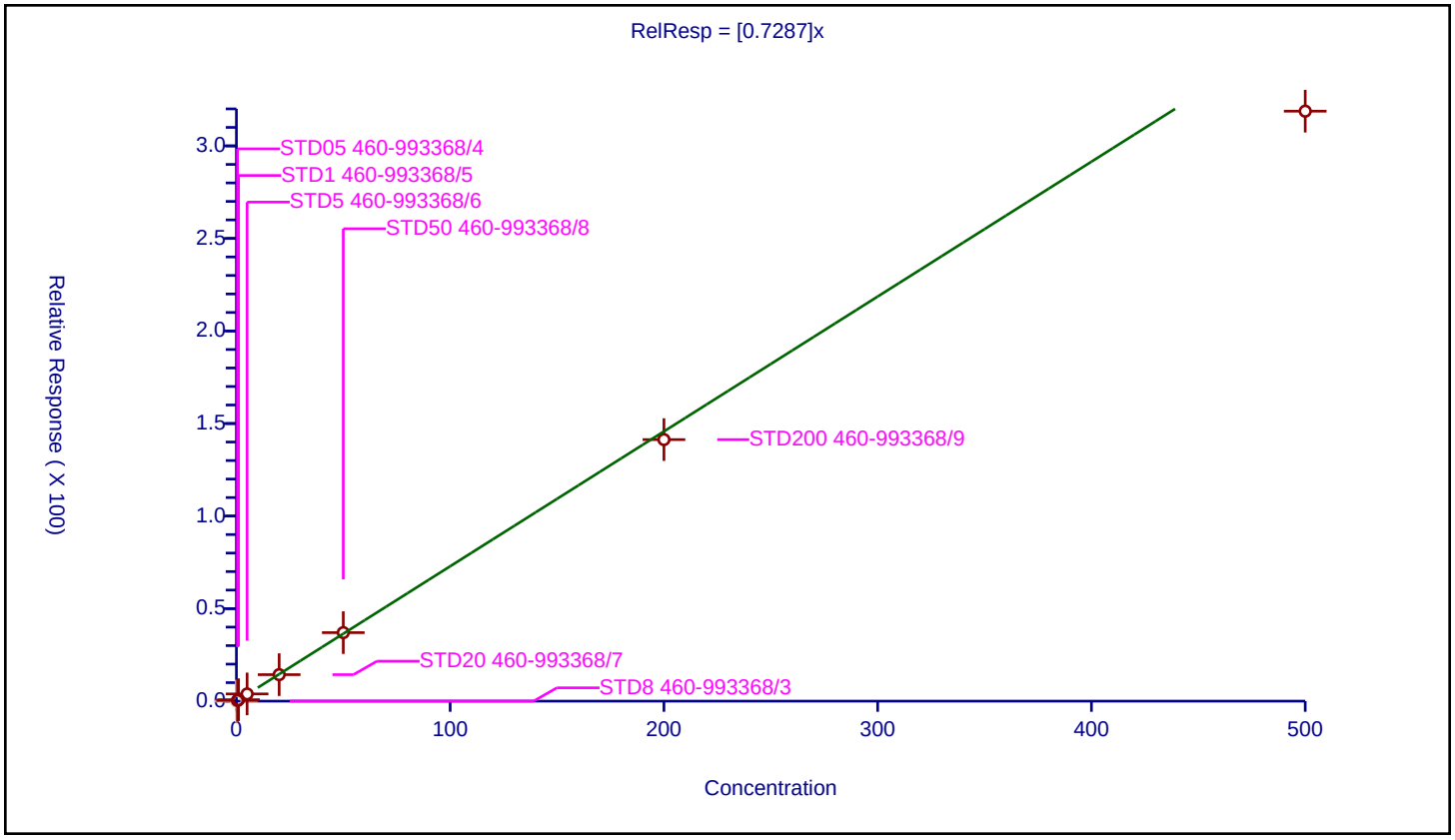
Curve Coefficients

Intercept:	0
Slope:	0.7287

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.373645	50.0	767841.0	0.74729	Y
3	STD1 460-993368/5	1.0	0.773881	50.0	736870.0	0.773881	Y
4	STD5 460-993368/6	5.0	3.897916	50.0	753377.0	0.779583	Y
5	STD20 460-993368/7	20.0	14.312243	50.0	750665.0	0.715612	Y
6	STD50 460-993368/8	50.0	37.022587	50.0	760583.0	0.740452	Y
7	STD200 460-993368/9	200.0	141.316917	50.0	788850.0	0.706585	Y
8	STD500 460-993368/10	500.0	318.759578	50.0	838521.0	0.637519	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

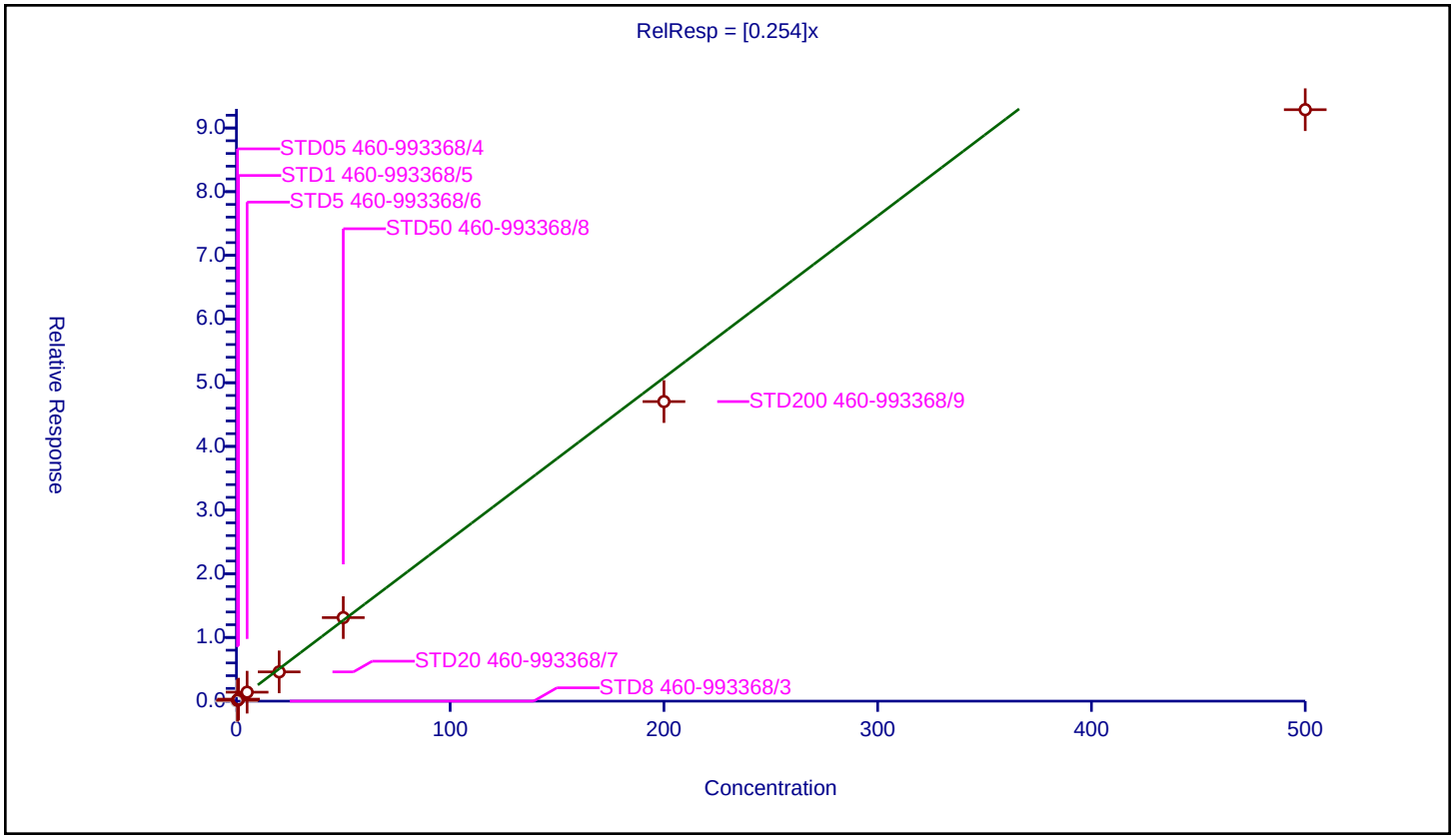
Curve Coefficients

Intercept:	0
Slope:	0.254

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.13564	50.0	767841.0	0.27128	Y
3	STD1 460-993368/5	1.0	0.311724	50.0	736870.0	0.311724	Y
4	STD5 460-993368/6	5.0	1.409055	50.0	753377.0	0.281811	Y
5	STD20 460-993368/7	20.0	4.592861	50.0	750665.0	0.229643	Y
6	STD50 460-993368/8	50.0	13.11678	50.0	760583.0	0.262336	Y
7	STD200 460-993368/9	200.0	47.040312	50.0	788850.0	0.235202	Y
8	STD500 460-993368/10	500.0	92.87418	50.0	838521.0	0.185748	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

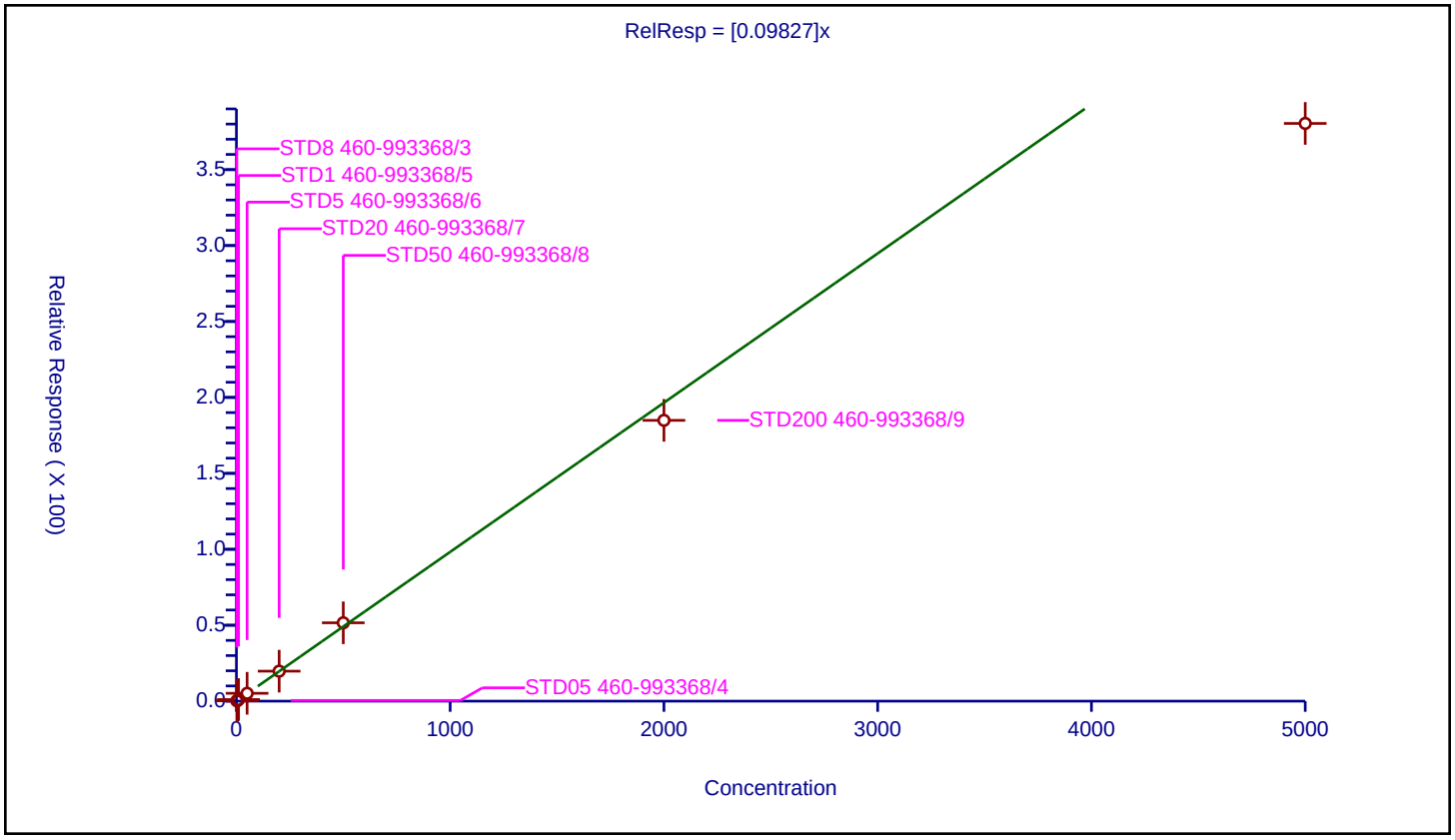
Curve Coefficients

Intercept:	0
Slope:	0.09827

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	2.0	0.230098	50.0	794663.0	0.115049	Y
2	STD05 460-993368/4	5.0	0.460186	50.0	767841.0	0.092037	Y
3	STD1 460-993368/5	10.0	1.052085	50.0	736870.0	0.105209	Y
4	STD5 460-993368/6	50.0	5.171315	50.0	753377.0	0.103426	Y
5	STD20 460-993368/7	200.0	19.743494	50.0	750665.0	0.098717	Y
6	STD50 460-993368/8	500.0	51.584377	50.0	760583.0	0.103169	Y
7	STD200 460-993368/9	2000.0	184.895481	50.0	788850.0	0.092448	Y
8	STD500 460-993368/10	5000.0	380.430425	50.0	838521.0	0.076086	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

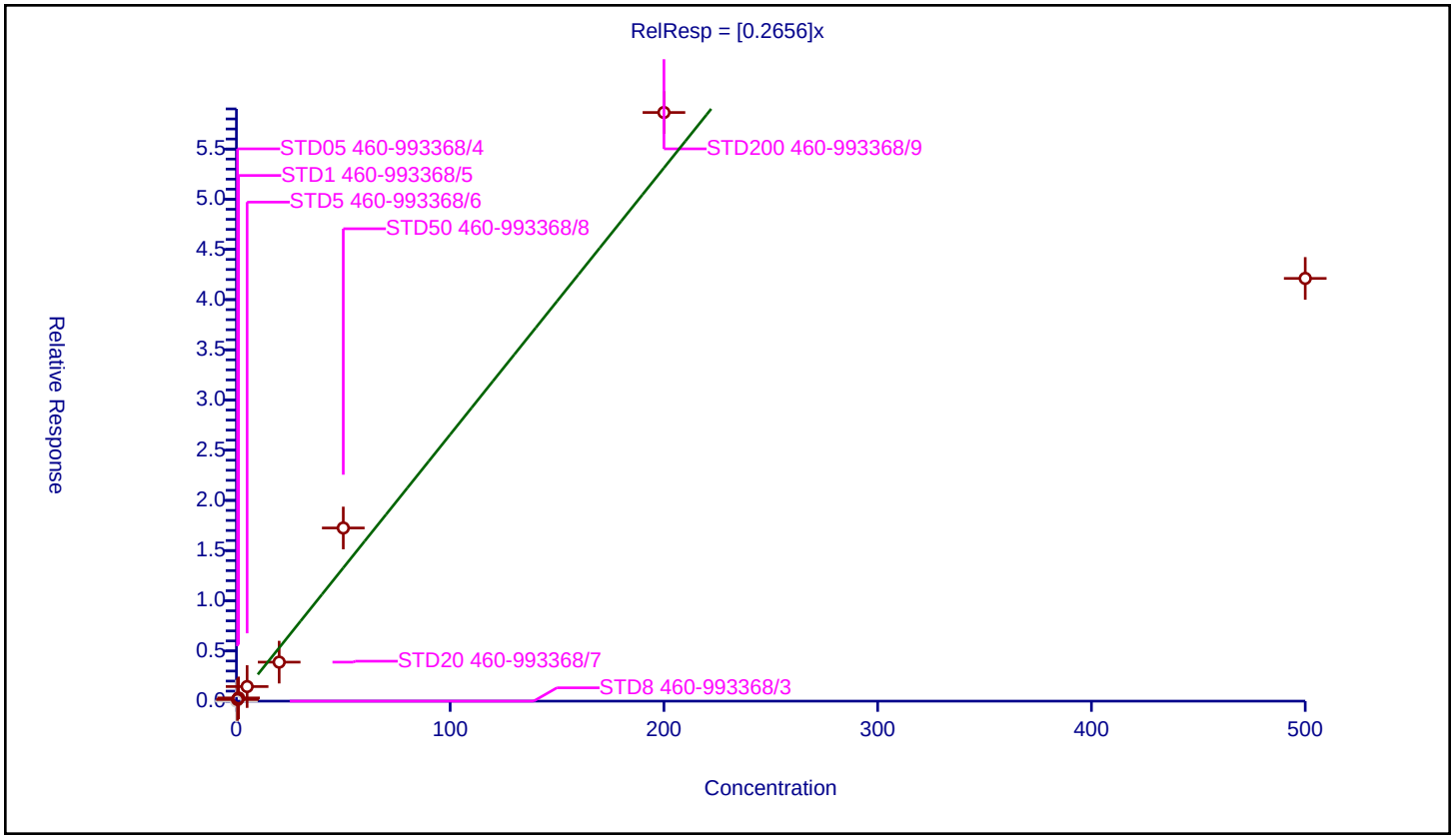
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	35.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.16605	50.0	767841.0	0.3321	Y
3	STD1 460-993368/5	1.0	0.319731	50.0	736870.0	0.319731	Y
4	STD5 460-993368/6	5.0	1.453787	50.0	753377.0	0.290757	Y
5	STD20 460-993368/7	20.0	3.886088	50.0	750665.0	0.194304	Y
6	STD50 460-993368/8	50.0	17.24986	50.0	760583.0	0.344997	Y
7	STD200 460-993368/9	200.0	58.64182	50.0	788850.0	0.293209	Y
8	STD500 460-993368/10	500.0	42.112541	50.0	838521.0	0.084225	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

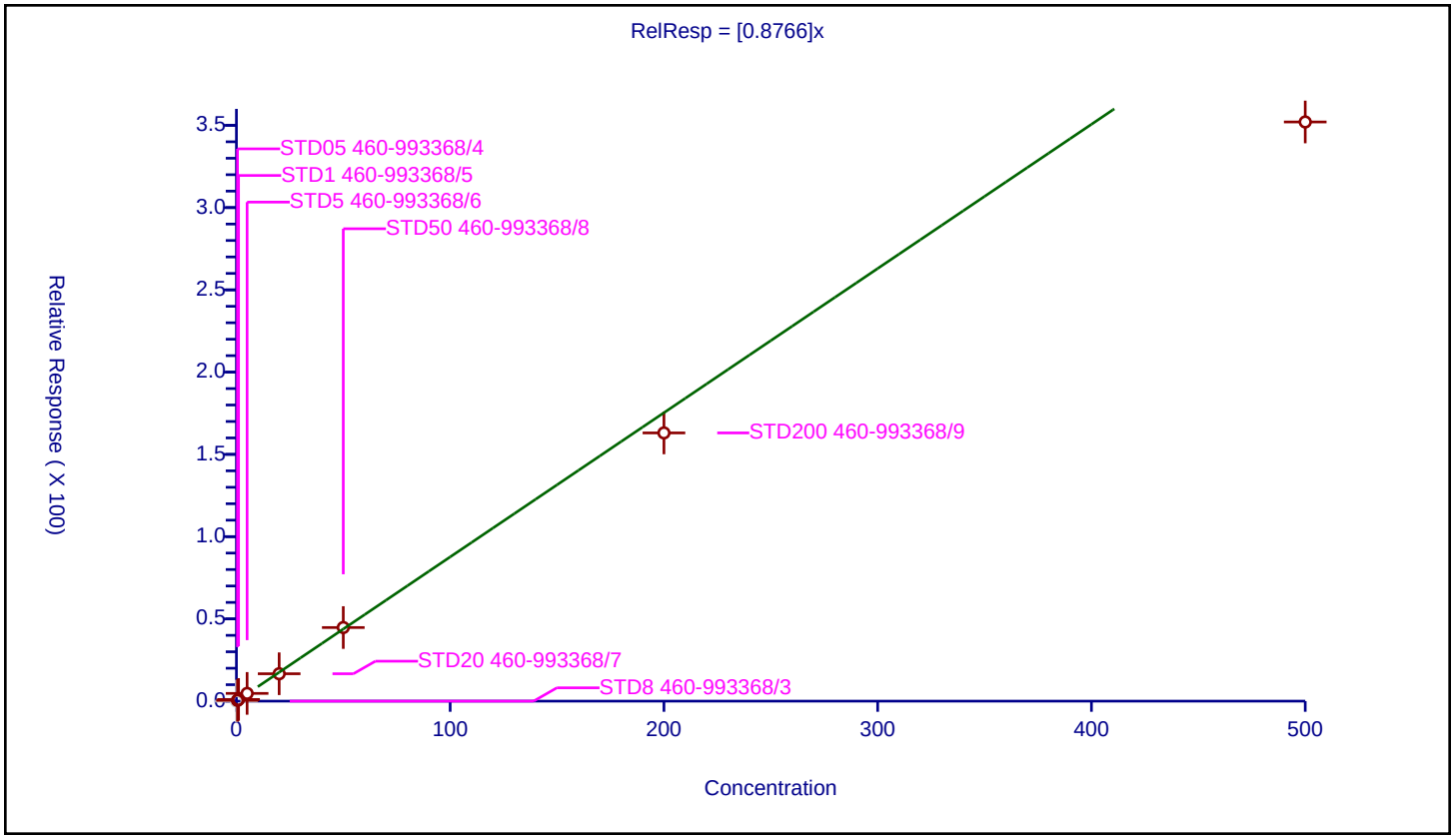
Curve Coefficients

Intercept:	0
Slope:	0.8766

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.470866	50.0	767841.0	0.941731	Y
3	STD1 460-993368/5	1.0	1.008183	50.0	736870.0	1.008183	Y
4	STD5 460-993368/6	5.0	4.696984	50.0	753377.0	0.939397	Y
5	STD20 460-993368/7	20.0	16.651702	50.0	750665.0	0.832585	Y
6	STD50 460-993368/8	50.0	44.743374	50.0	760583.0	0.894867	Y
7	STD200 460-993368/9	200.0	163.041009	50.0	788850.0	0.815205	Y
8	STD500 460-993368/10	500.0	352.043539	50.0	838521.0	0.704087	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

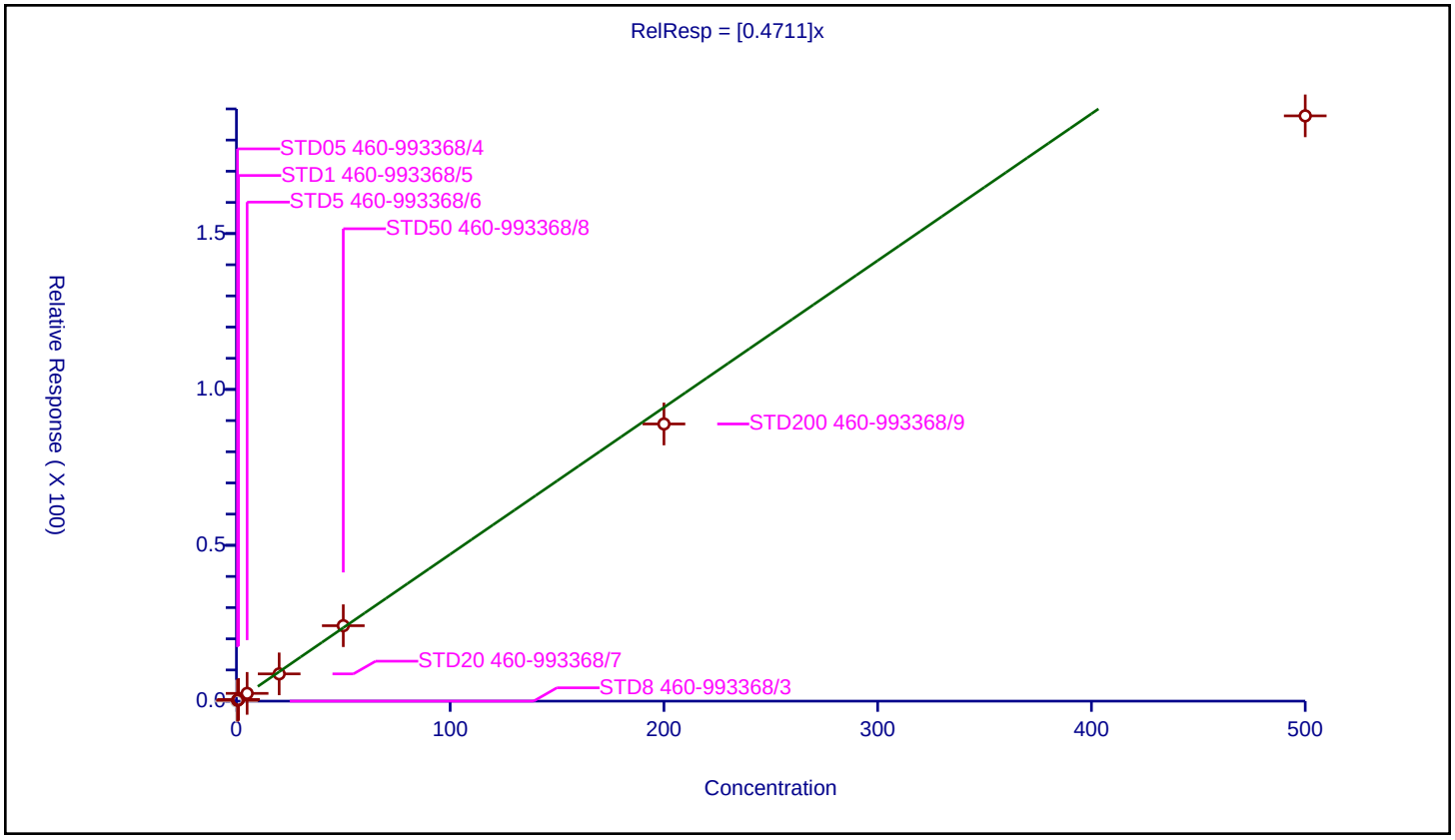
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.265224	50.0	767841.0	0.530448	Y
3	STD1 460-993368/5	1.0	0.528587	50.0	736870.0	0.528587	Y
4	STD5 460-993368/6	5.0	2.486537	50.0	753377.0	0.497307	Y
5	STD20 460-993368/7	20.0	8.747644	50.0	750665.0	0.437382	Y
6	STD50 460-993368/8	50.0	24.202553	50.0	760583.0	0.484051	Y
7	STD200 460-993368/9	200.0	88.917982	50.0	788850.0	0.44459	Y
8	STD500 460-993368/10	500.0	187.768702	50.0	838521.0	0.375537	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

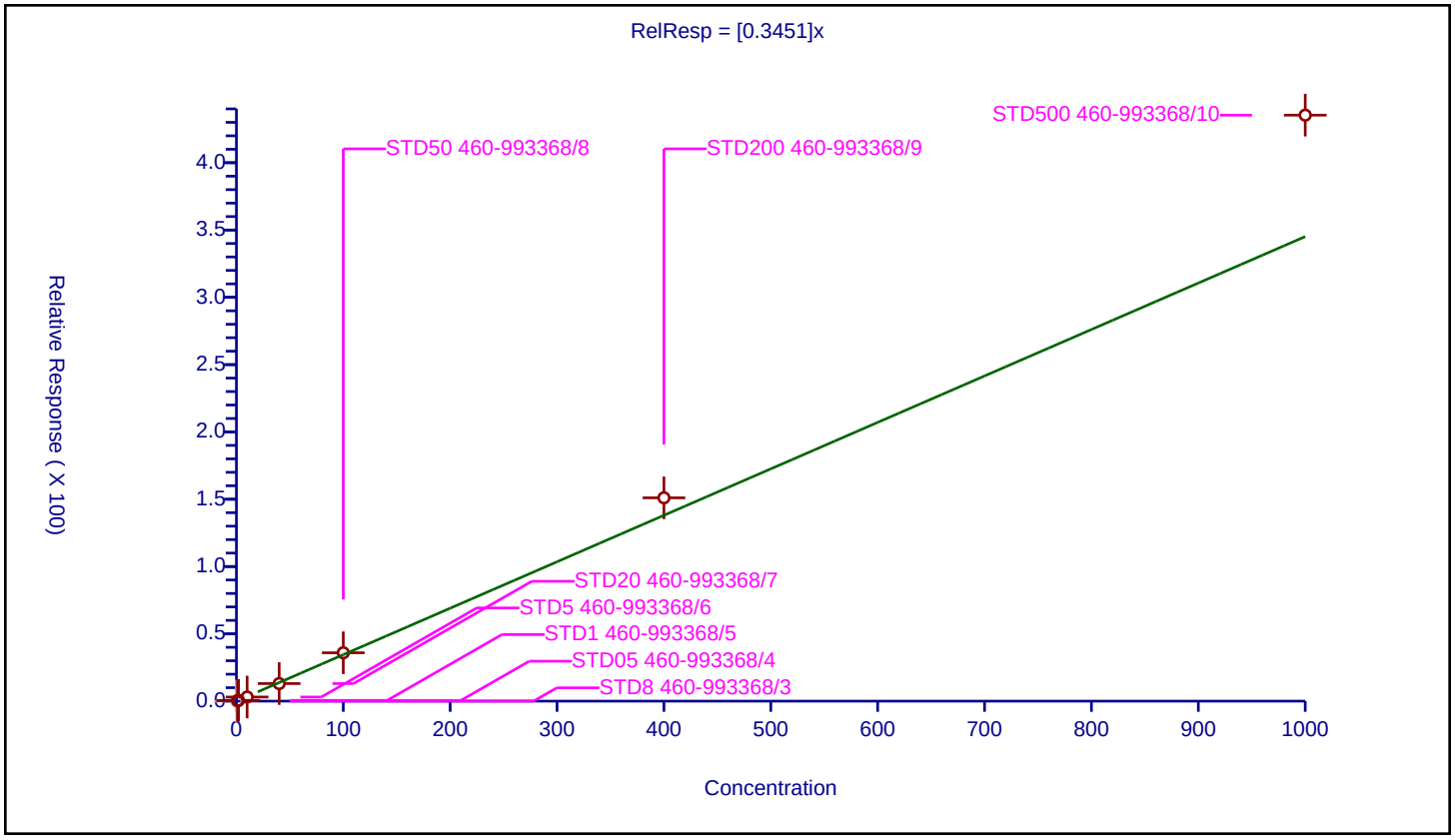
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.332485	250.0	395506.0	0.332485	Y
3	STD1 460-993368/5	2.0	0.557537	250.0	398180.0	0.278768	Y
4	STD5 460-993368/6	10.0	3.061415	250.0	406838.0	0.306142	Y
5	STD20 460-993368/7	40.0	13.051787	250.0	409216.0	0.326295	Y
6	STD50 460-993368/8	100.0	35.925487	250.0	425965.0	0.359255	Y
7	STD200 460-993368/9	400.0	151.054055	250.0	444806.0	0.377635	Y
8	STD500 460-993368/10	1000.0	435.344611	250.0	496691.0	0.435345	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

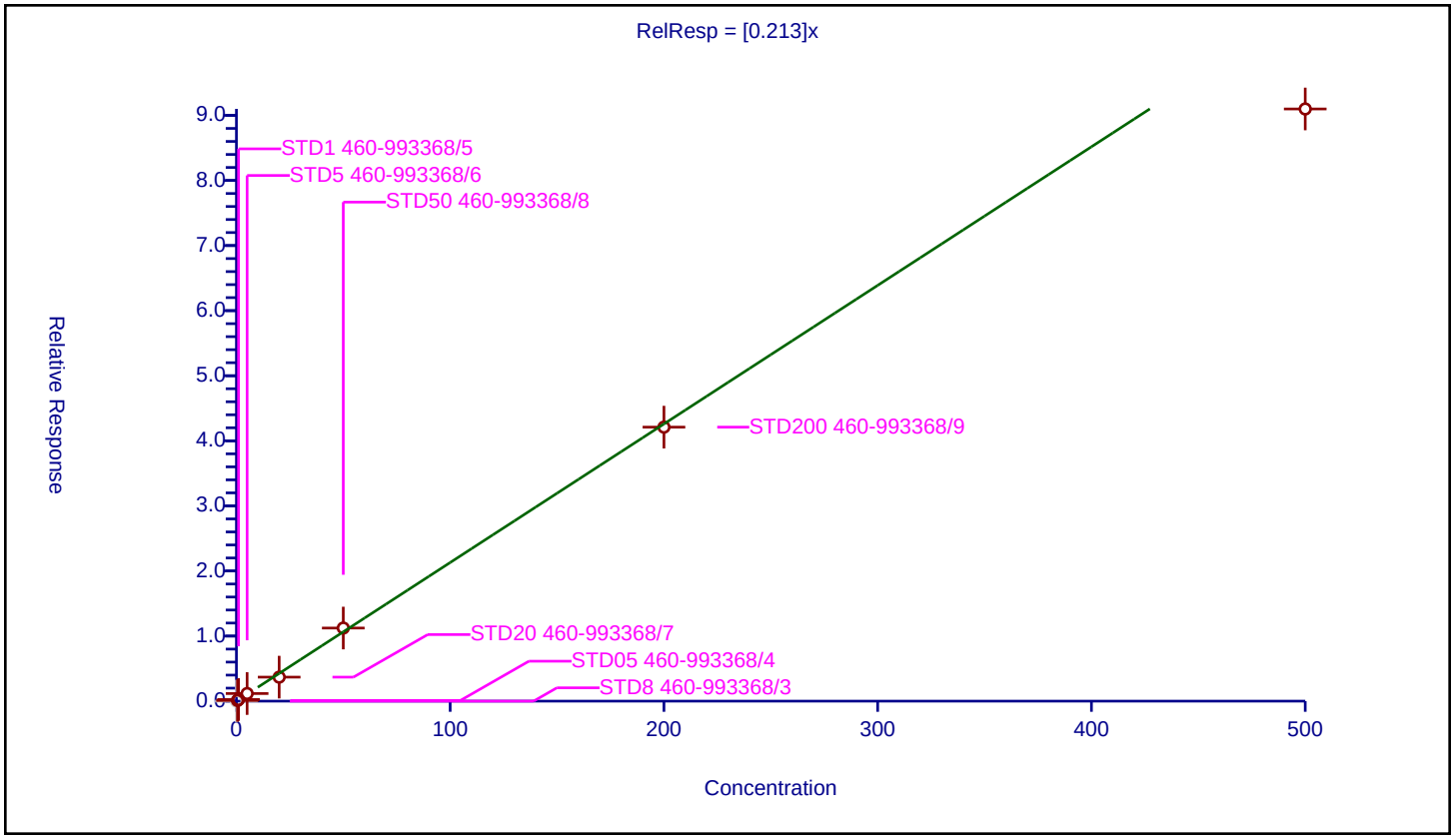
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.103798	50.0	767841.0	0.207595	Y
3	STD1 460-993368/5	1.0	0.247601	50.0	736870.0	0.247601	Y
4	STD5 460-993368/6	5.0	1.169932	50.0	753377.0	0.233986	Y
5	STD20 460-993368/7	20.0	3.687797	50.0	750665.0	0.18439	Y
6	STD50 460-993368/8	50.0	11.230333	50.0	760583.0	0.224607	Y
7	STD200 460-993368/9	200.0	42.10154	50.0	788850.0	0.210508	Y
8	STD500 460-993368/10	500.0	90.98824	50.0	838521.0	0.181976	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

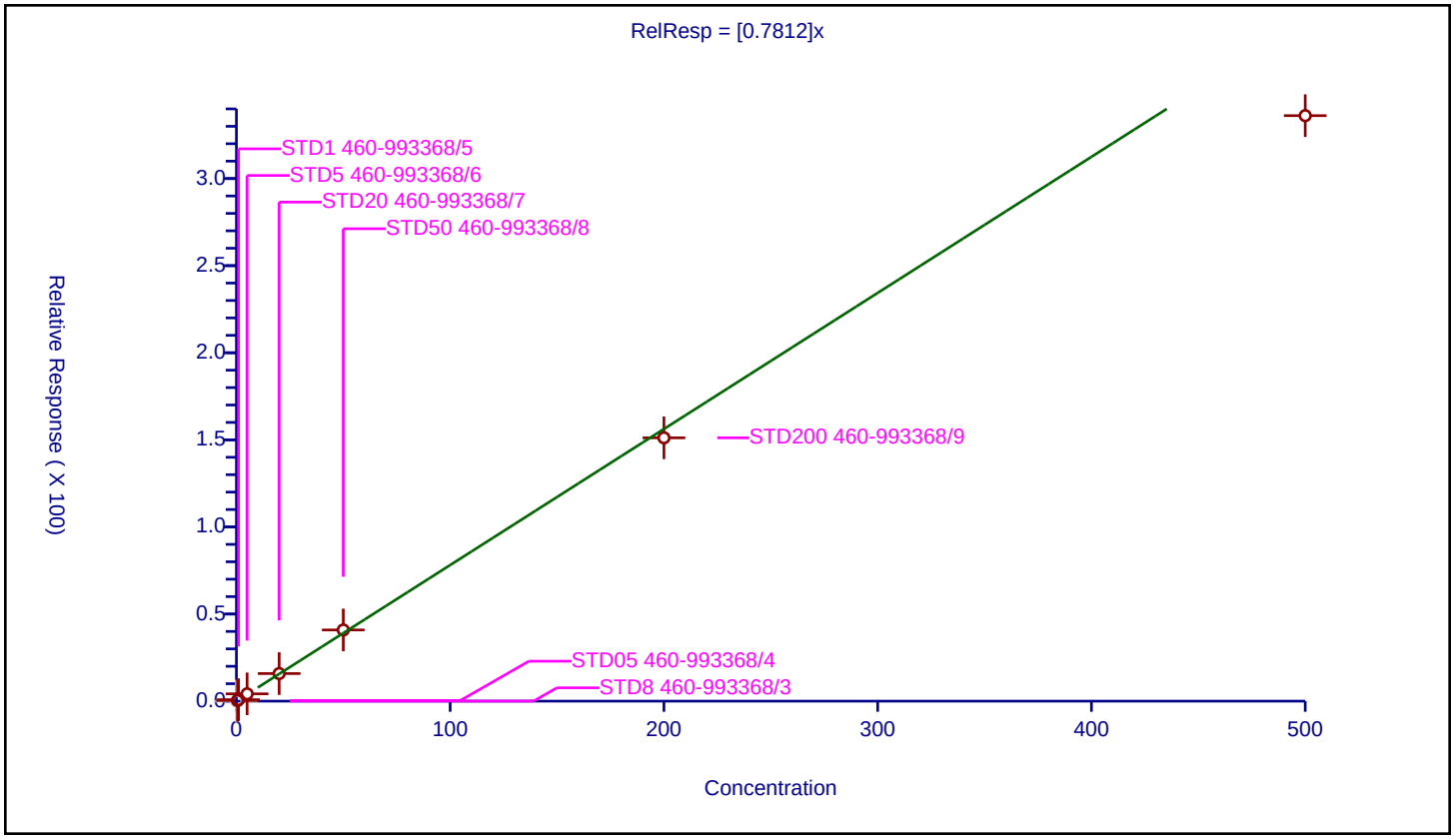
Curve Coefficients

Intercept:	0
Slope:	0.7812

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.377617	50.0	767841.0	0.755234	Y
3	STD1 460-993368/5	1.0	0.837665	50.0	736870.0	0.837665	Y
4	STD5 460-993368/6	5.0	4.19239	50.0	753377.0	0.838478	Y
5	STD20 460-993368/7	20.0	15.833361	50.0	750665.0	0.791668	Y
6	STD50 460-993368/8	50.0	40.855436	50.0	760583.0	0.817109	Y
7	STD200 460-993368/9	200.0	151.170945	50.0	788850.0	0.755855	Y
8	STD500 460-993368/10	500.0	336.112393	50.0	838521.0	0.672225	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

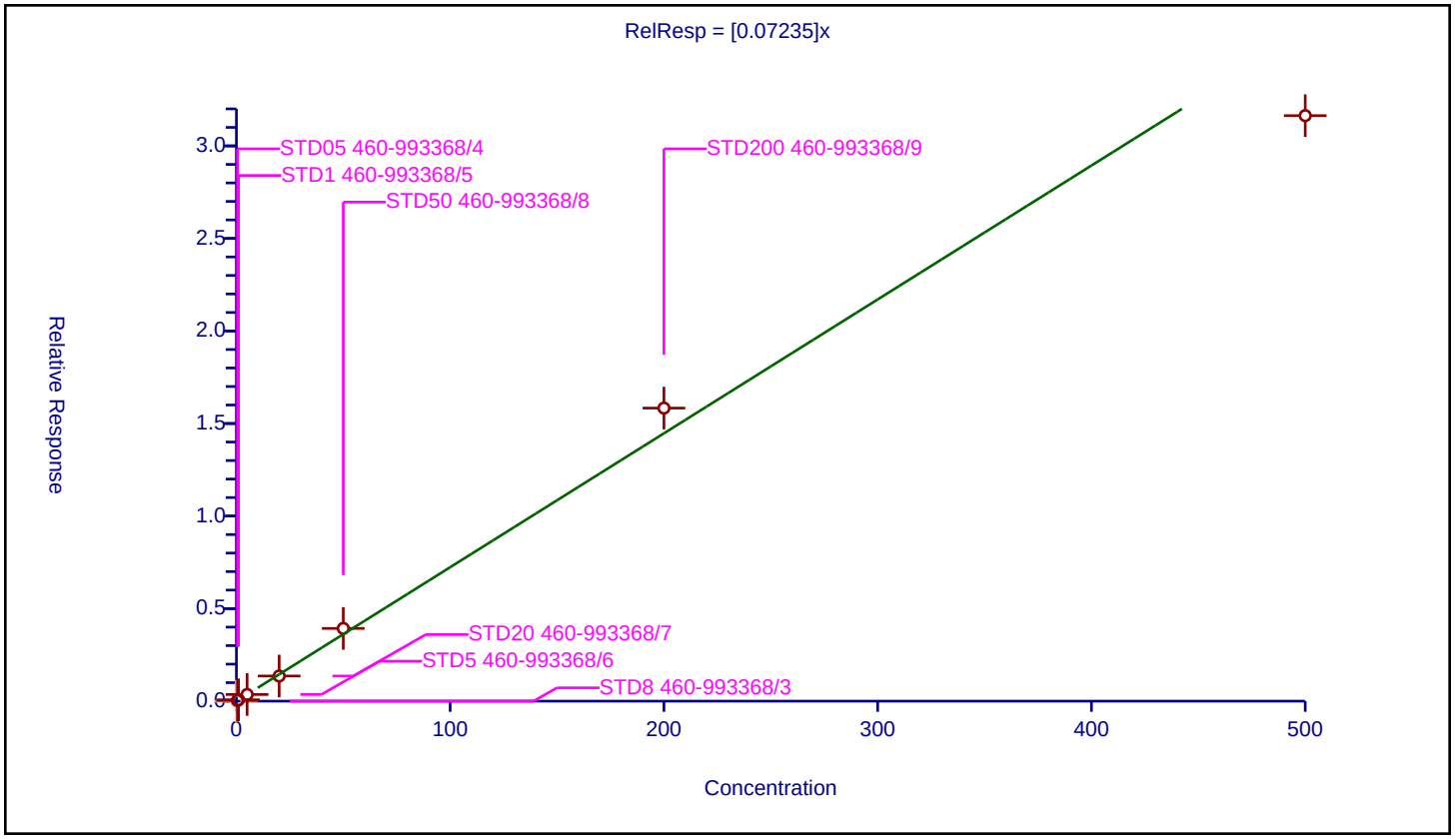
Curve Coefficients

Intercept:	0
Slope:	0.07235

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.036466	50.0	767841.0	0.072932	Y
3	STD1 460-993368/5	1.0	0.072672	50.0	736870.0	0.072672	Y
4	STD5 460-993368/6	5.0	0.359515	50.0	753377.0	0.071903	Y
5	STD20 460-993368/7	20.0	1.357729	50.0	750665.0	0.067886	Y
6	STD50 460-993368/8	50.0	3.929814	50.0	760583.0	0.078596	Y
7	STD200 460-993368/9	200.0	15.833492	50.0	788850.0	0.079167	Y
8	STD500 460-993368/10	500.0	31.634926	50.0	838521.0	0.06327	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

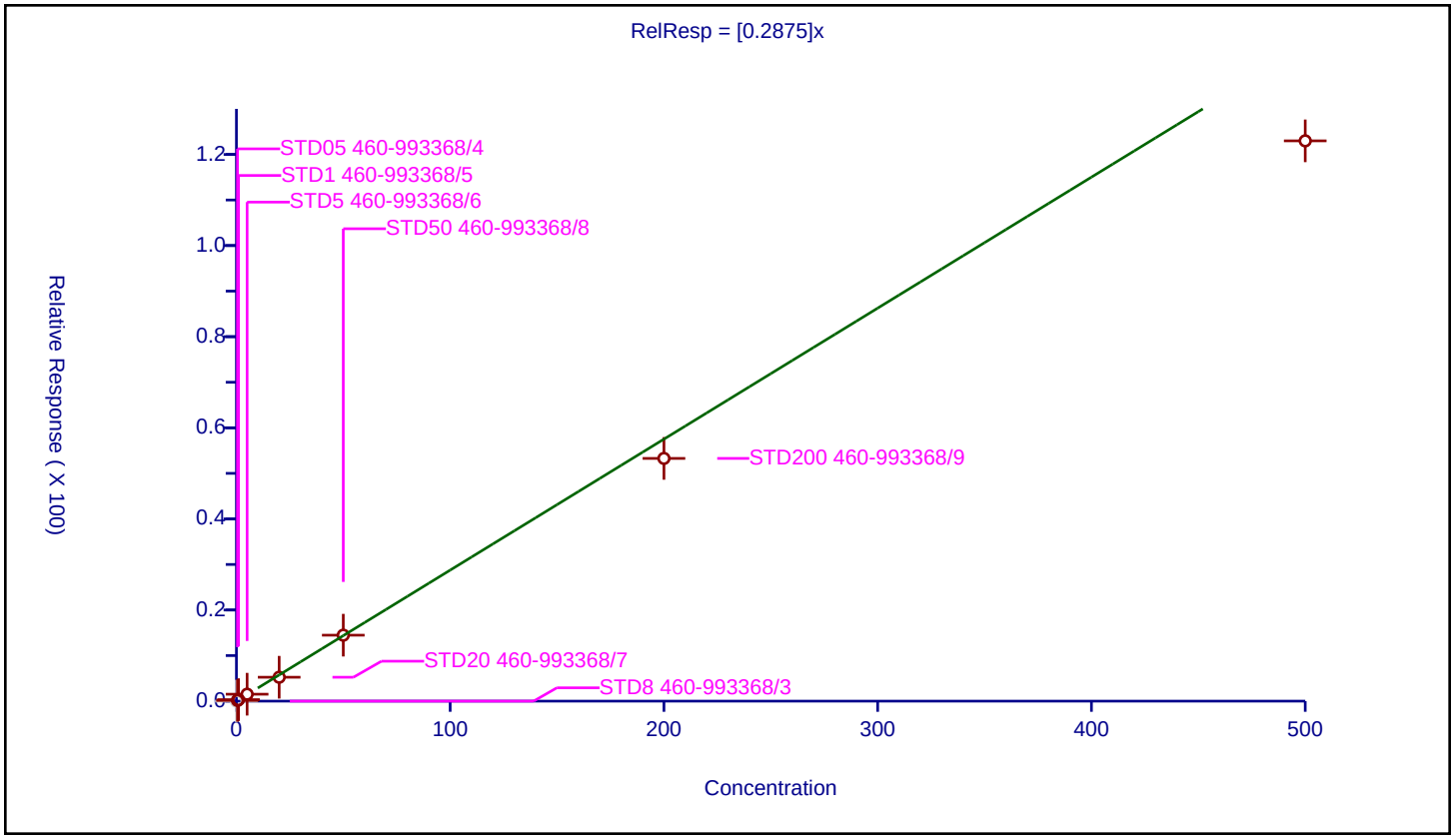
Curve Coefficients

Intercept:	0
Slope:	0.2875

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.161231	50.0	767841.0	0.322463	Y
3	STD1 460-993368/5	1.0	0.32197	50.0	736870.0	0.32197	Y
4	STD5 460-993368/6	5.0	1.520819	50.0	753377.0	0.304164	Y
5	STD20 460-993368/7	20.0	5.245749	50.0	750665.0	0.262287	Y
6	STD50 460-993368/8	50.0	14.480537	50.0	760583.0	0.289611	Y
7	STD200 460-993368/9	200.0	53.277366	50.0	788850.0	0.266387	Y
8	STD500 460-993368/10	500.0	122.982609	50.0	838521.0	0.245965	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

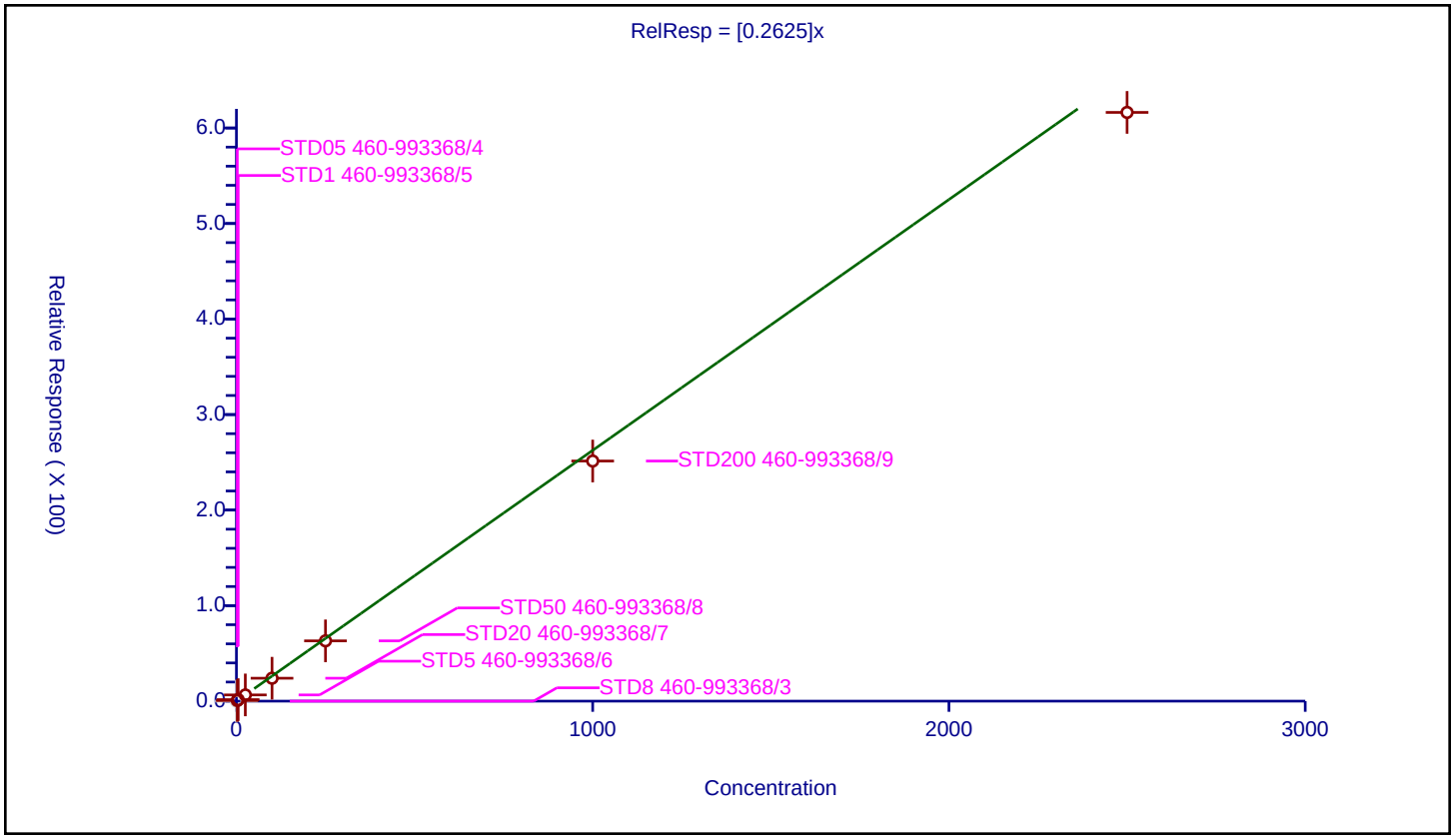
Curve Coefficients

Intercept:	0
Slope:	0.2625

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	0.681406	250.0	395506.0	0.272562	Y
3	STD1 460-993368/5	5.0	1.573409	250.0	398180.0	0.314682	Y
4	STD5 460-993368/6	25.0	6.509962	250.0	406838.0	0.260398	Y
5	STD20 460-993368/7	100.0	23.980001	250.0	409216.0	0.2398	Y
6	STD50 460-993368/8	250.0	63.113753	250.0	425965.0	0.252455	Y
7	STD200 460-993368/9	1000.0	251.363516	250.0	444806.0	0.251364	Y
8	STD500 460-993368/10	2500.0	616.332891	250.0	496691.0	0.246533	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

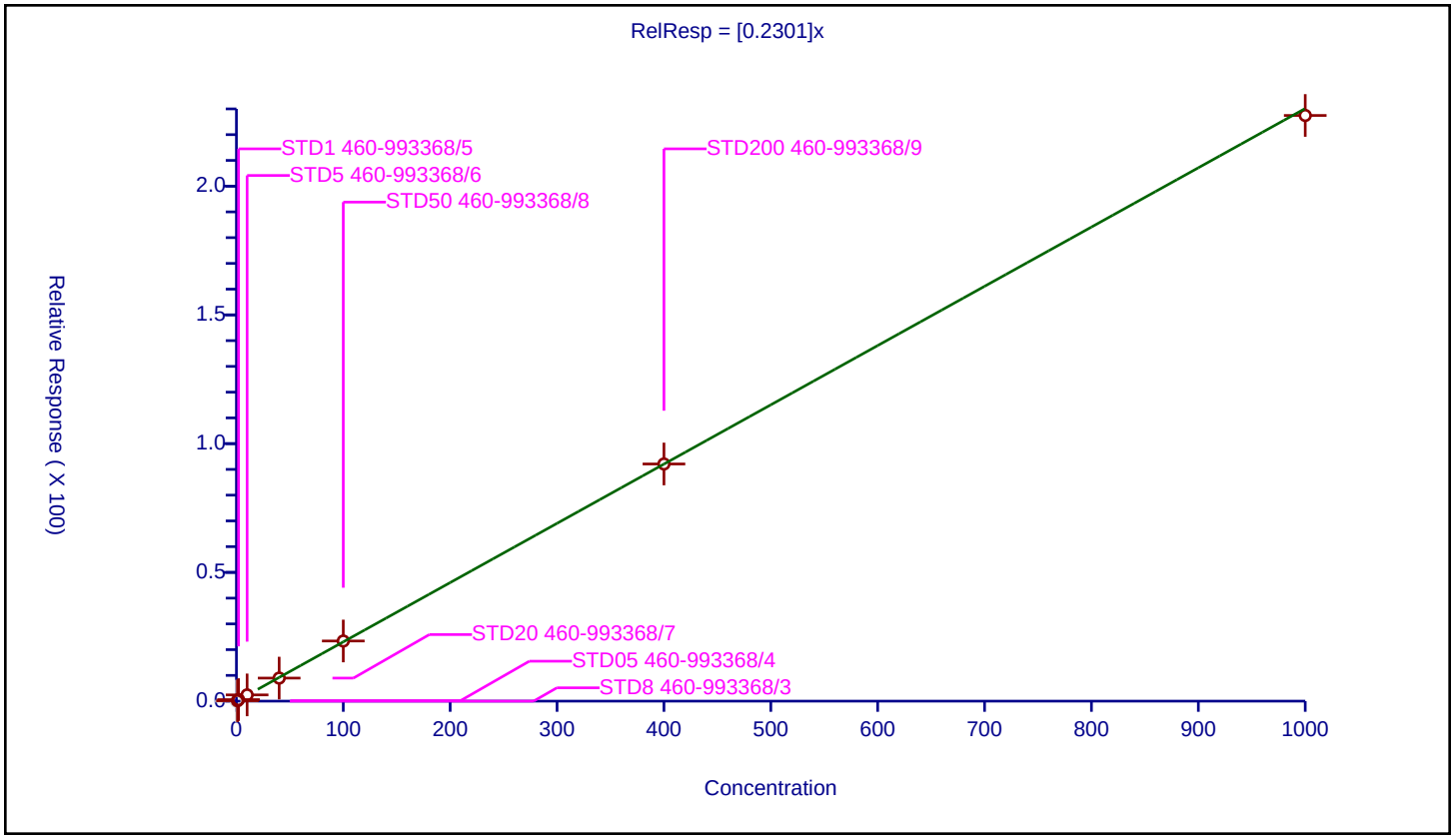
Curve Coefficients

Intercept:	0
Slope:	0.2301

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.158658	250.0	395506.0	0.158658	Y
3	STD1 460-993368/5	2.0	0.589557	250.0	398180.0	0.294779	Y
4	STD5 460-993368/6	10.0	2.424184	250.0	406838.0	0.242418	Y
5	STD20 460-993368/7	40.0	8.954928	250.0	409216.0	0.223873	Y
6	STD50 460-993368/8	100.0	23.355205	250.0	425965.0	0.233552	Y
7	STD200 460-993368/9	400.0	92.103636	250.0	444806.0	0.230259	Y
8	STD500 460-993368/10	1000.0	227.443219	250.0	496691.0	0.227443	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

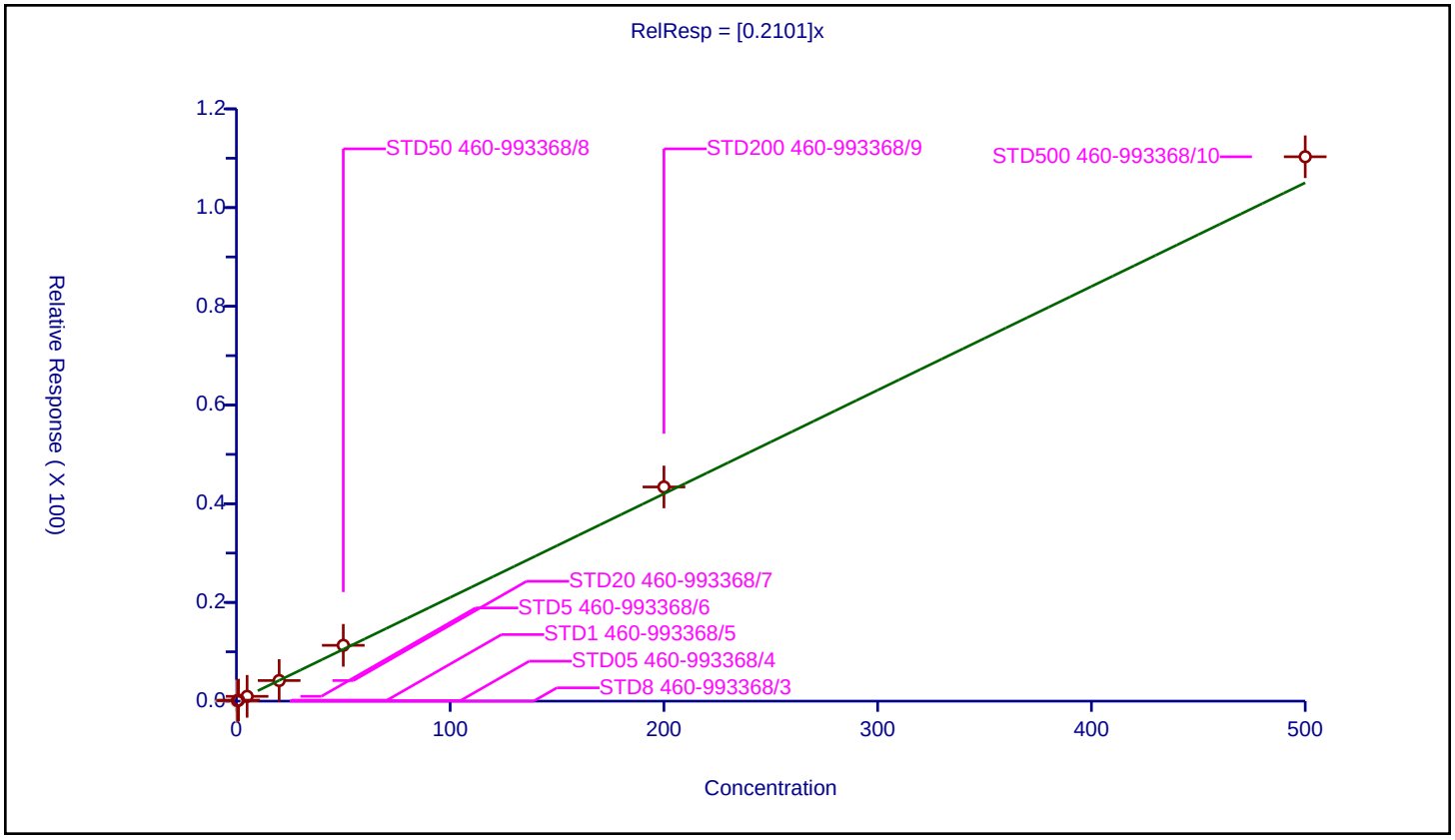
Curve Coefficients

Intercept:	0
Slope:	0.2101

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.100477	50.0	767841.0	0.200953	Y
3	STD1 460-993368/5	1.0	0.202071	50.0	736870.0	0.202071	Y
4	STD5 460-993368/6	5.0	0.97428	50.0	753377.0	0.194856	Y
5	STD20 460-993368/7	20.0	4.175498	50.0	750665.0	0.208775	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	43.398175	50.0	788850.0	0.216991	Y
8	STD500 460-993368/10	500.0	110.300935	50.0	838521.0	0.220602	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

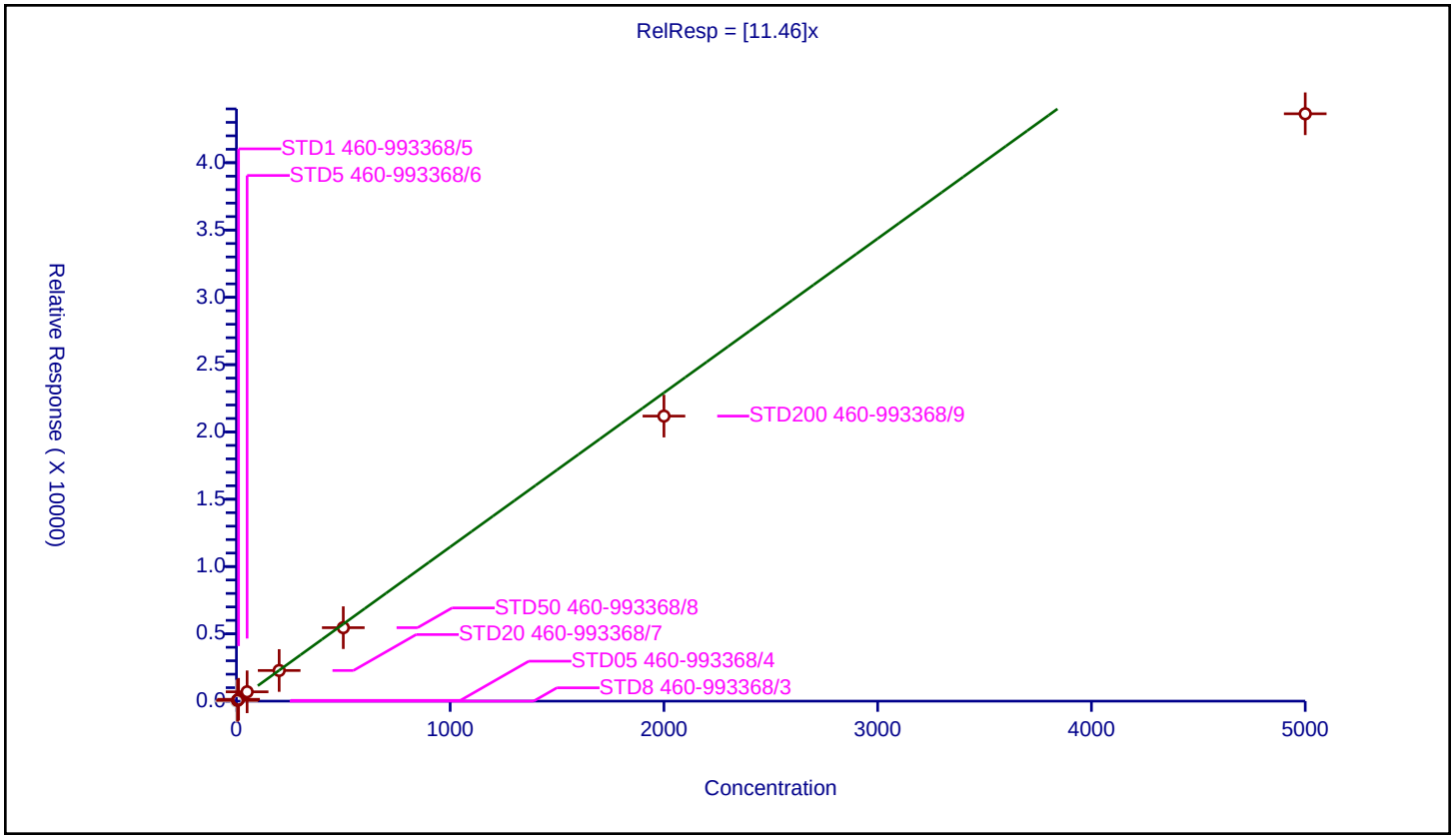
Curve Coefficients

Intercept:	0
Slope:	11.46

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	55.487506	1000.0	40820.0	11.097501	Y
3	STD1 460-993368/5	10.0	136.113453	1000.0	40334.0	13.611345	Y
4	STD5 460-993368/6	50.0	692.970663	1000.0	41654.0	13.859413	Y
5	STD20 460-993368/7	200.0	2276.763637	1000.0	46509.0	11.383818	Y
6	STD50 460-993368/8	500.0	5458.084754	1000.0	51962.0	10.91617	Y
7	STD200 460-993368/9	2000.0	21178.208296	1000.0	53011.0	10.589104	Y
8	STD500 460-993368/10	5000.0	43638.767378	1000.0	66752.0	8.727753	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

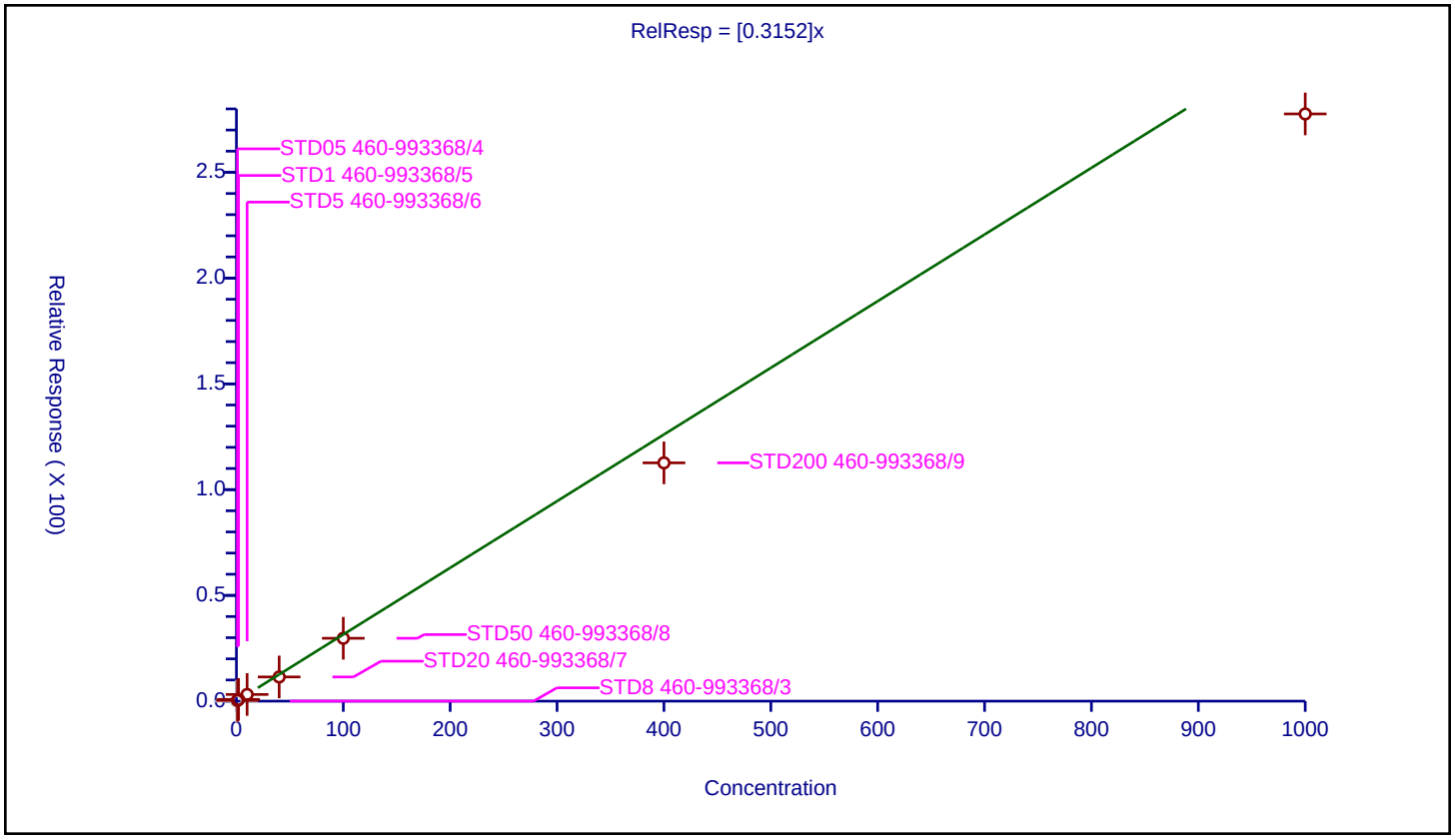
Curve Coefficients

Intercept:	0
Slope:	0.3152

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.343231	250.0	395506.0	0.343231	Y
3	STD1 460-993368/5	2.0	0.809307	250.0	398180.0	0.404654	Y
4	STD5 460-993368/6	10.0	3.158505	250.0	406838.0	0.315851	Y
5	STD20 460-993368/7	40.0	11.43467	250.0	409216.0	0.285867	Y
6	STD50 460-993368/8	100.0	29.722512	250.0	425965.0	0.297225	Y
7	STD200 460-993368/9	400.0	112.648548	250.0	444806.0	0.281621	Y
8	STD500 460-993368/10	1000.0	277.621298	250.0	496691.0	0.277621	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

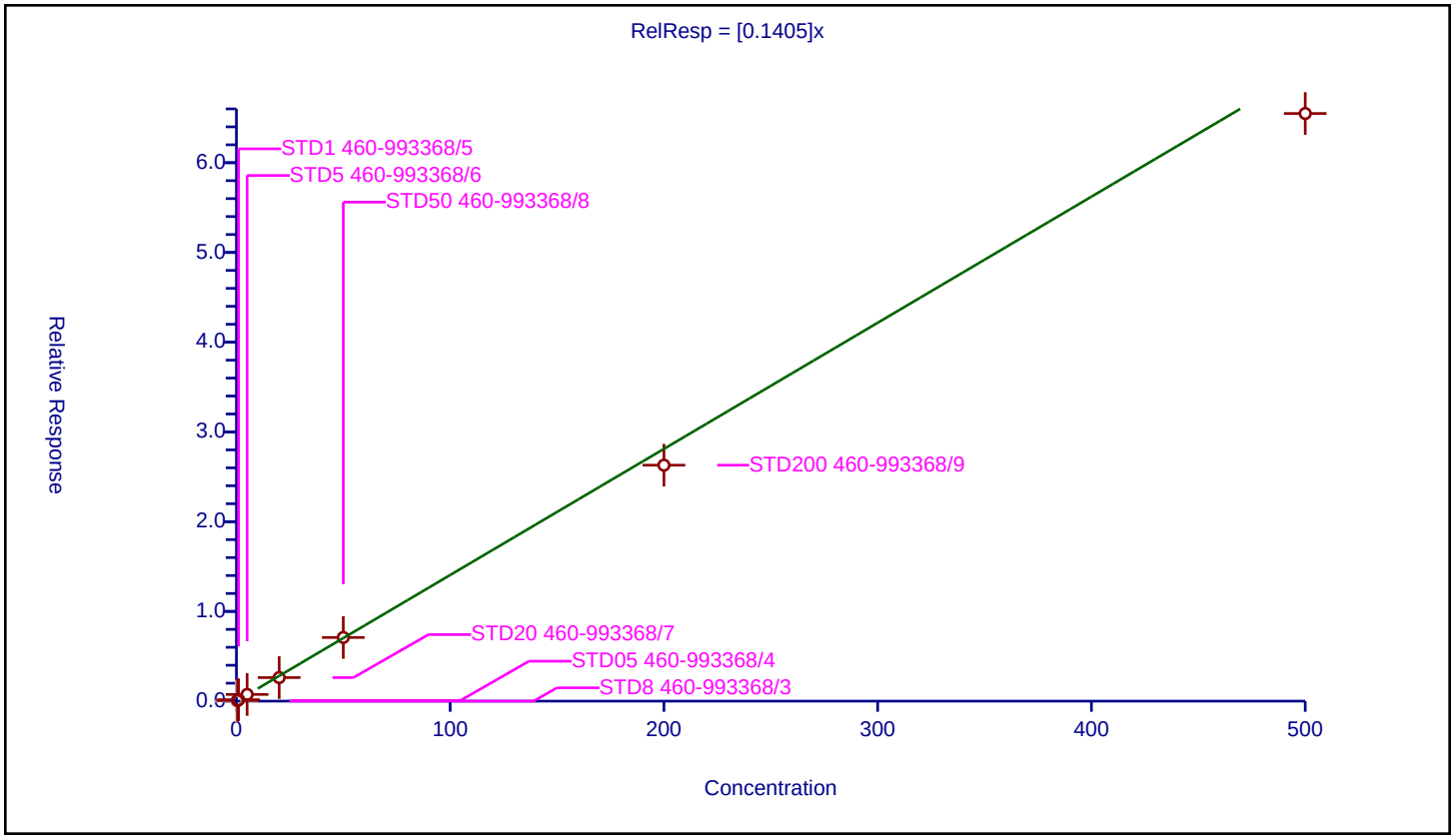
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.069415	50.0	767841.0	0.138831	Y
3	STD1 460-993368/5	1.0	0.160069	50.0	736870.0	0.160069	Y
4	STD5 460-993368/6	5.0	0.747036	50.0	753377.0	0.149407	Y
5	STD20 460-993368/7	20.0	2.62394	50.0	750665.0	0.131197	Y
6	STD50 460-993368/8	50.0	7.094623	50.0	760583.0	0.141892	Y
7	STD200 460-993368/9	200.0	26.295557	50.0	788850.0	0.131478	Y
8	STD500 460-993368/10	500.0	65.48703	50.0	838521.0	0.130974	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

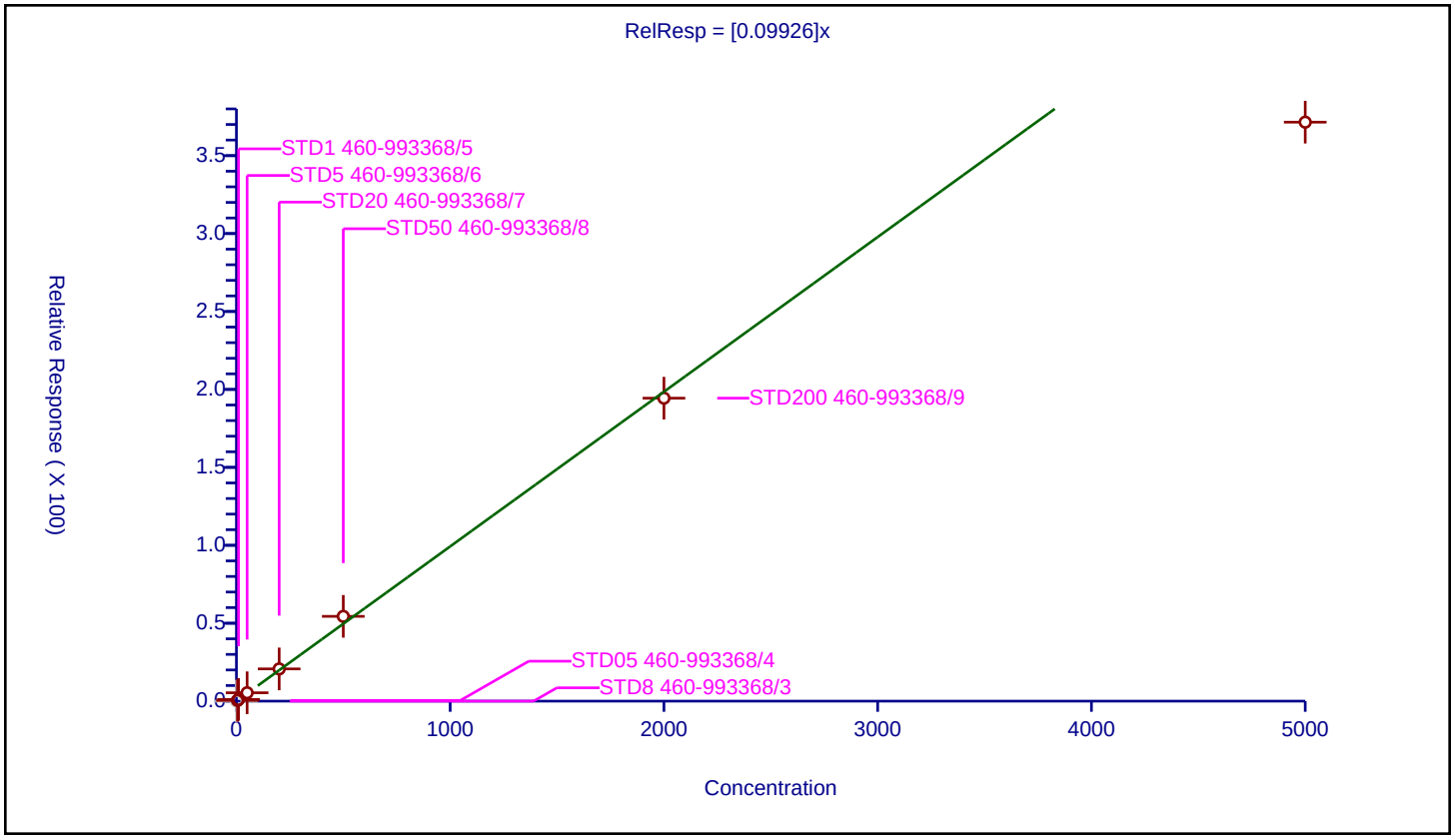
Curve Coefficients

Intercept:	0
Slope:	0.09926

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	5.0	0.468782	50.0	767841.0	0.093756	Y
3	STD1 460-993368/5	10.0	1.097887	50.0	736870.0	0.109789	Y
4	STD5 460-993368/6	50.0	5.379047	50.0	753377.0	0.107581	Y
5	STD20 460-993368/7	200.0	20.677666	50.0	750665.0	0.103388	Y
6	STD50 460-993368/8	500.0	54.403004	50.0	760583.0	0.108806	Y
7	STD200 460-993368/9	2000.0	194.397984	50.0	788850.0	0.097199	Y
8	STD500 460-993368/10	5000.0	371.490636	50.0	838521.0	0.074298	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

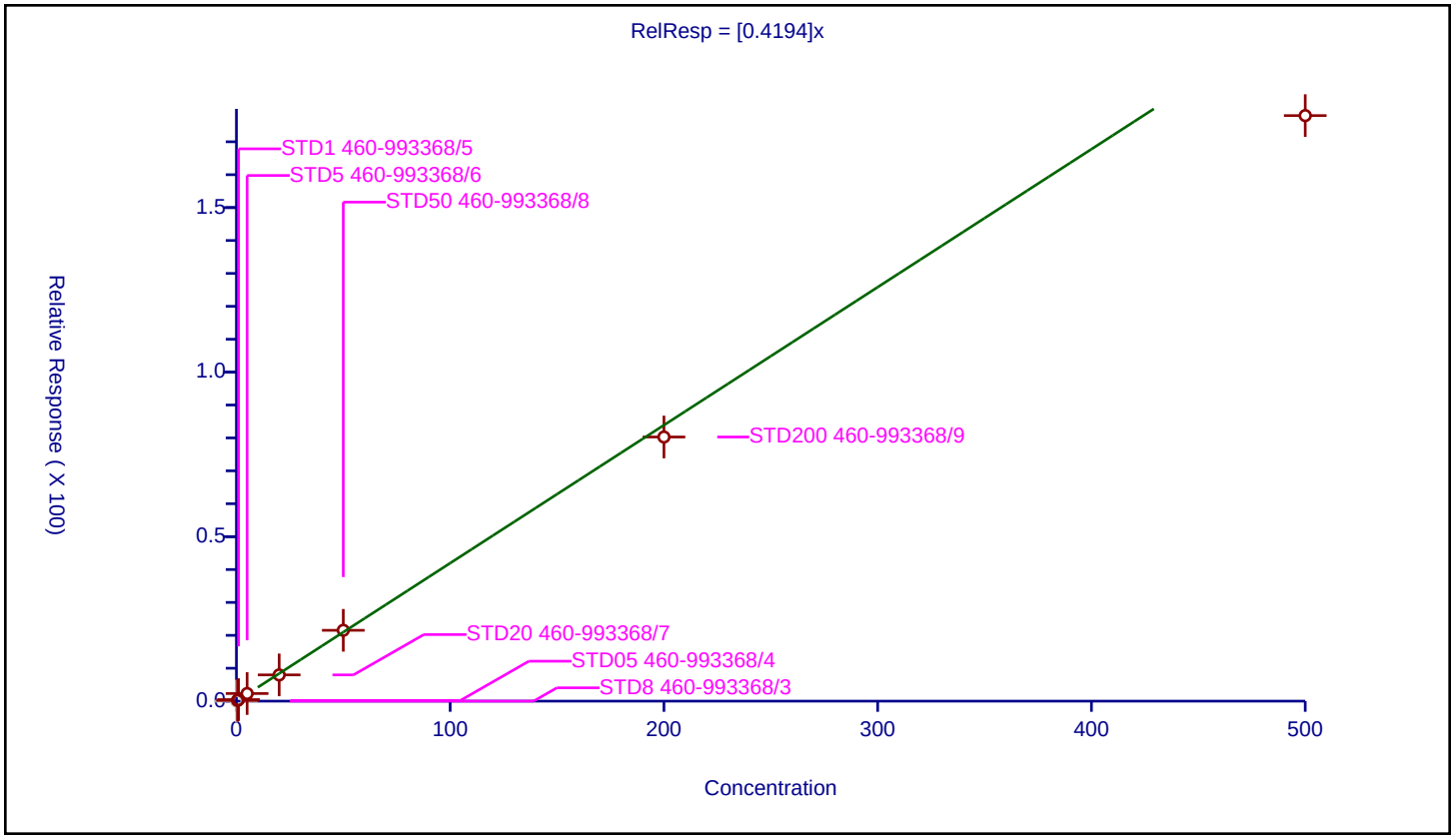
Curve Coefficients

Intercept:	0
Slope:	0.4194

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.209549	50.0	767841.0	0.419097	Y
3	STD1 460-993368/5	1.0	0.468604	50.0	736870.0	0.468604	Y
4	STD5 460-993368/6	5.0	2.307875	50.0	753377.0	0.461575	Y
5	STD20 460-993368/7	20.0	7.97333	50.0	750665.0	0.398667	Y
6	STD50 460-993368/8	50.0	21.529669	50.0	760583.0	0.430593	Y
7	STD200 460-993368/9	200.0	80.278443	50.0	788850.0	0.401392	Y
8	STD500 460-993368/10	500.0	177.963581	50.0	838521.0	0.355927	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

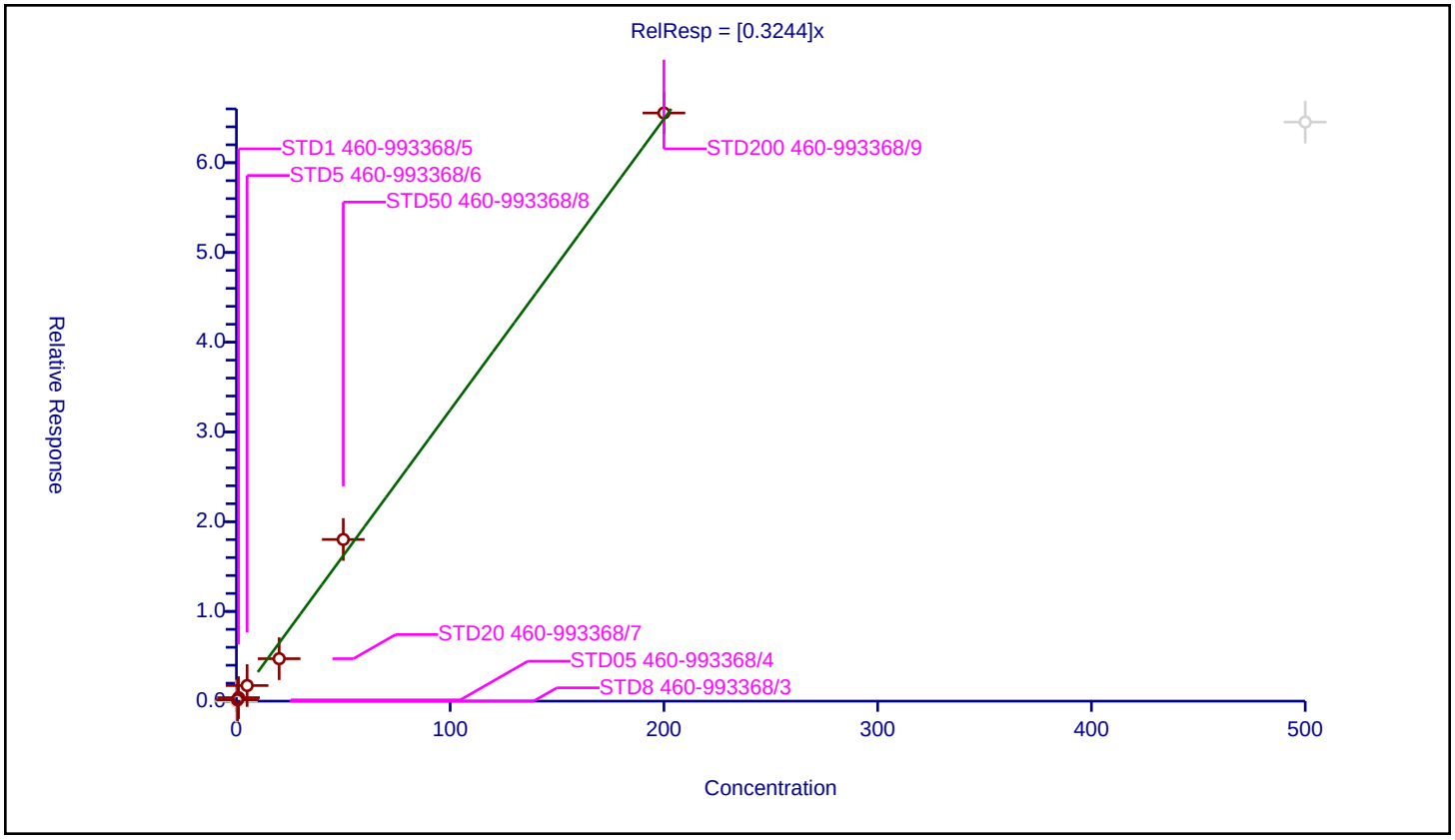
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.14404	50.0	767841.0	0.28808	Y
3	STD1 460-993368/5	1.0	0.386093	50.0	736870.0	0.386093	Y
4	STD5 460-993368/6	5.0	1.738505	50.0	753377.0	0.347701	Y
5	STD20 460-993368/7	20.0	4.730872	50.0	750665.0	0.236544	Y
6	STD50 460-993368/8	50.0	18.013484	50.0	760583.0	0.36027	Y
7	STD200 460-993368/9	200.0	65.542118	50.0	788850.0	0.327711	Y
8	STD500 460-993368/10	500.0	64.532135	50.0	838521.0	0.129064	N



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

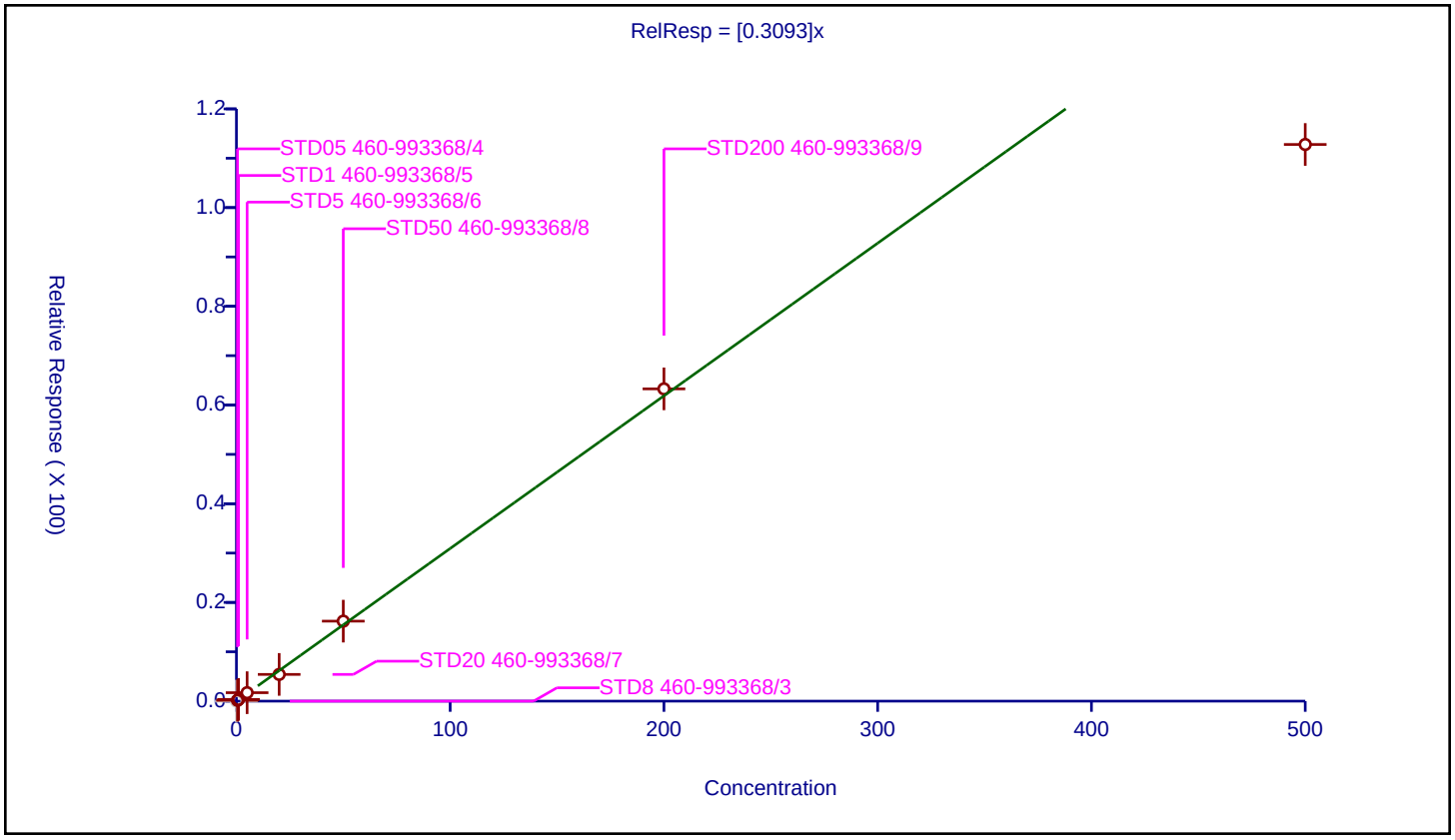
Curve Coefficients

Intercept:	0
Slope:	0.3093

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.168069	50.0	767841.0	0.336137	Y
3	STD1 460-993368/5	1.0	0.349655	50.0	736870.0	0.349655	Y
4	STD5 460-993368/6	5.0	1.712556	50.0	753377.0	0.342511	Y
5	STD20 460-993368/7	20.0	5.415731	50.0	750665.0	0.270787	Y
6	STD50 460-993368/8	50.0	16.206975	50.0	760583.0	0.32414	Y
7	STD200 460-993368/9	200.0	63.271535	50.0	788850.0	0.316358	Y
8	STD500 460-993368/10	500.0	112.789602	50.0	838521.0	0.225579	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

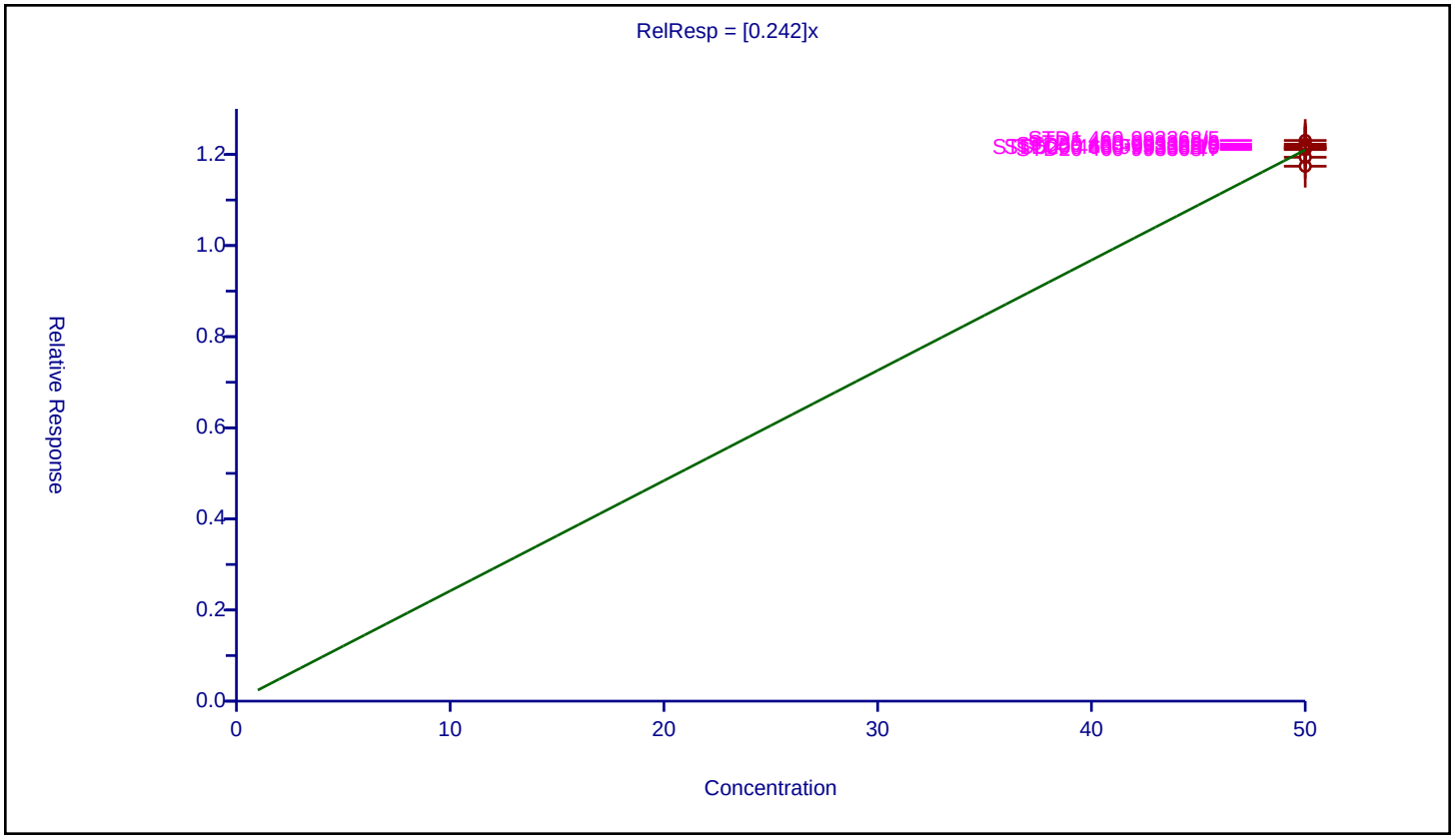
Curve Coefficients

Intercept:	0
Slope:	0.242

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	11.741204	50.0	794663.0	0.234824	Y
2	STD05 460-993368/4	50.0	11.938409	50.0	767841.0	0.238768	Y
3	STD1 460-993368/5	50.0	12.307463	50.0	736870.0	0.246149	Y
4	STD5 460-993368/6	50.0	12.227013	50.0	753377.0	0.24454	Y
5	STD20 460-993368/7	50.0	12.106932	50.0	750665.0	0.242139	Y
6	STD50 460-993368/8	50.0	12.185324	50.0	760583.0	0.243706	Y
7	STD200 460-993368/9	50.0	12.139824	50.0	788850.0	0.242796	Y
8	STD500 460-993368/10	50.0	12.146267	50.0	838521.0	0.242925	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

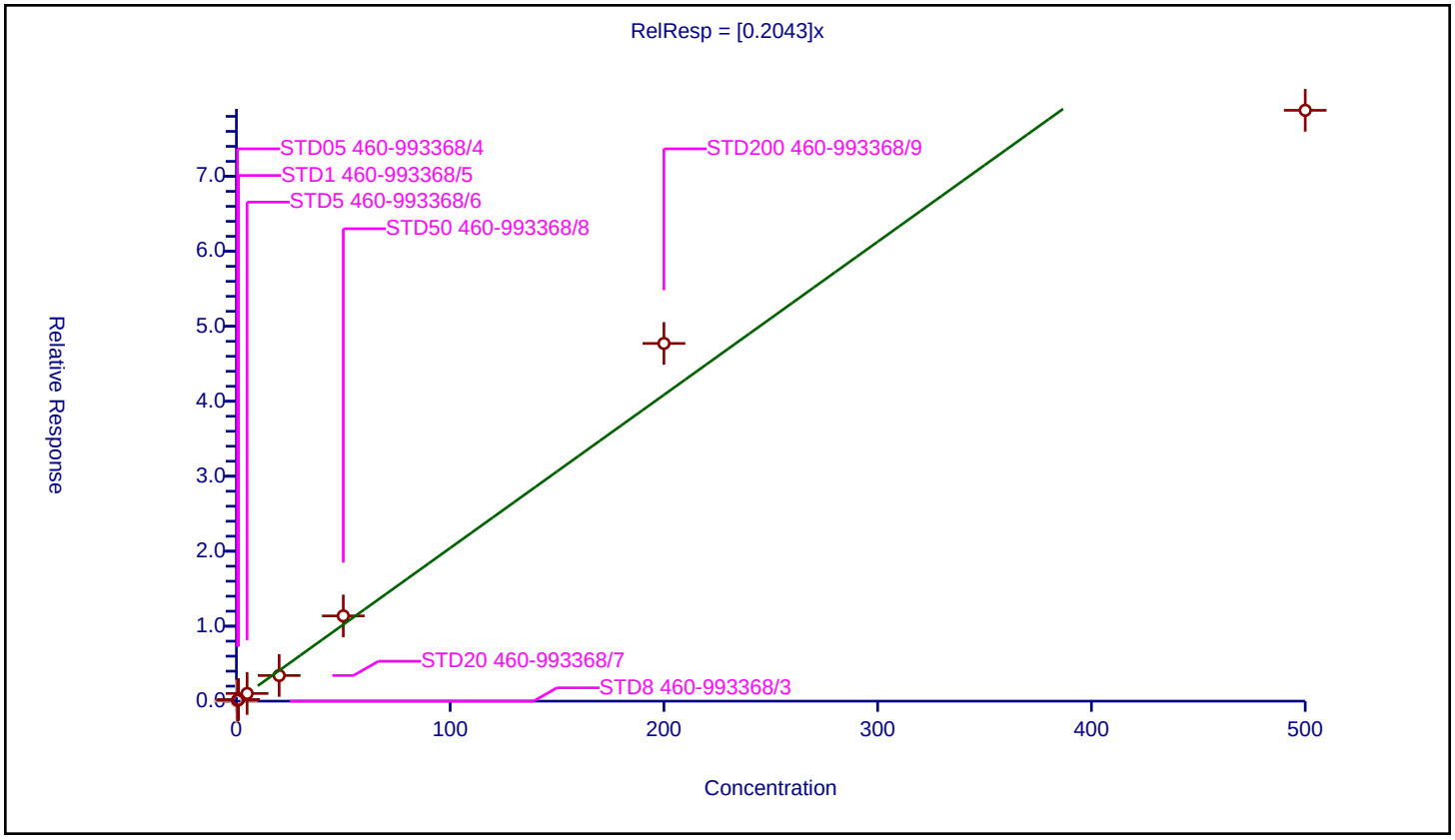
Curve Coefficients

Intercept:	0
Slope:	0.2043

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.107639	50.0	767841.0	0.215279	Y
3	STD1 460-993368/5	1.0	0.214963	50.0	736870.0	0.214963	Y
4	STD5 460-993368/6	5.0	1.025781	50.0	753377.0	0.205156	Y
5	STD20 460-993368/7	20.0	3.417903	50.0	750665.0	0.170895	Y
6	STD50 460-993368/8	50.0	11.369436	50.0	760583.0	0.227389	Y
7	STD200 460-993368/9	200.0	47.715218	50.0	788850.0	0.238576	Y
8	STD500 460-993368/10	500.0	78.811383	50.0	838521.0	0.157623	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

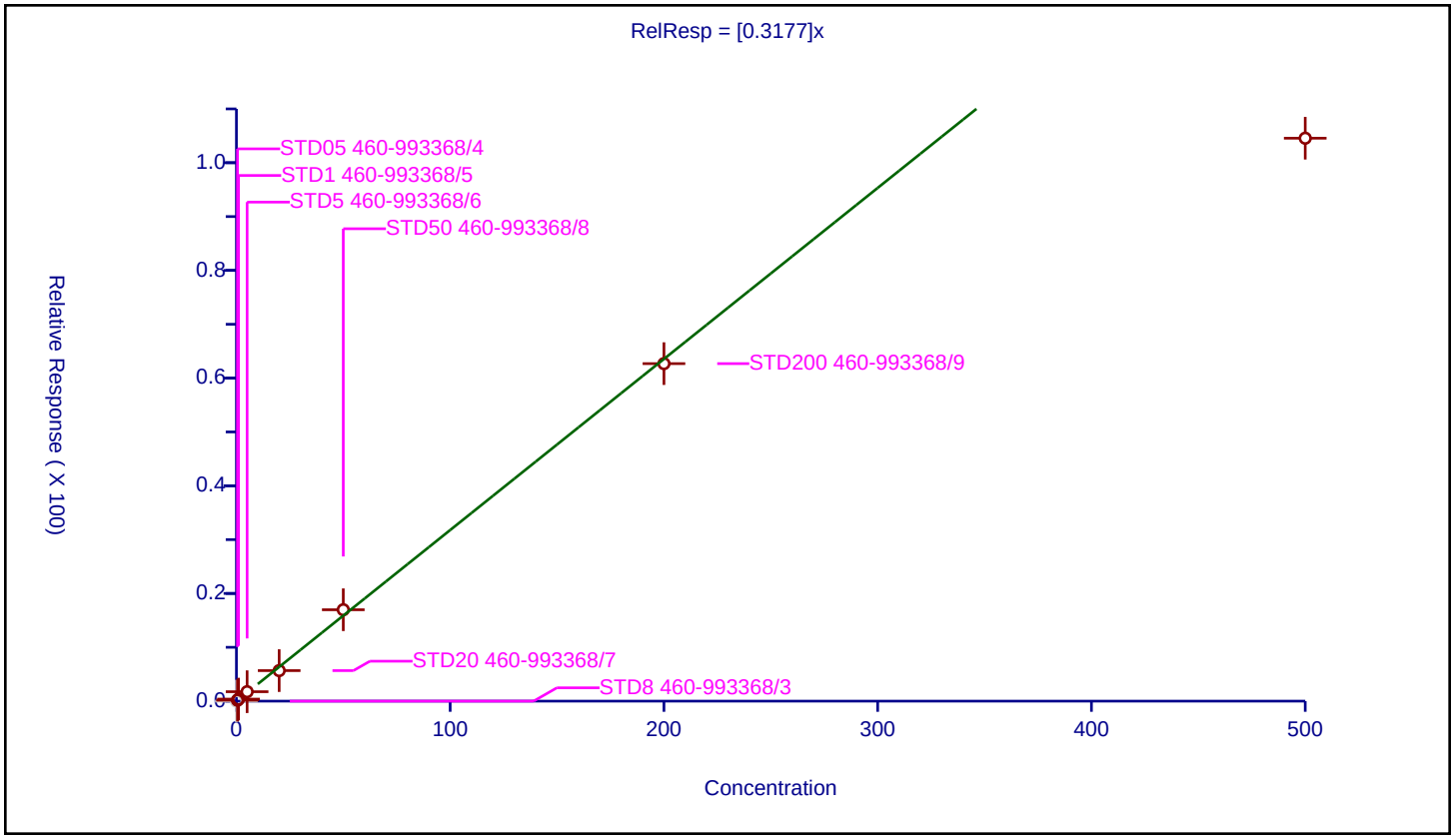
Curve Coefficients

Intercept:	0
Slope:	0.3177

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.17445	50.0	767841.0	0.3489	Y
3	STD1 460-993368/5	1.0	0.379307	50.0	736870.0	0.379307	Y
4	STD5 460-993368/6	5.0	1.752044	50.0	753377.0	0.350409	Y
5	STD20 460-993368/7	20.0	5.670039	50.0	750665.0	0.283502	Y
6	STD50 460-993368/8	50.0	16.976845	50.0	760583.0	0.339537	Y
7	STD200 460-993368/9	200.0	62.68714	50.0	788850.0	0.313436	Y
8	STD500 460-993368/10	500.0	104.553732	50.0	838521.0	0.209107	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

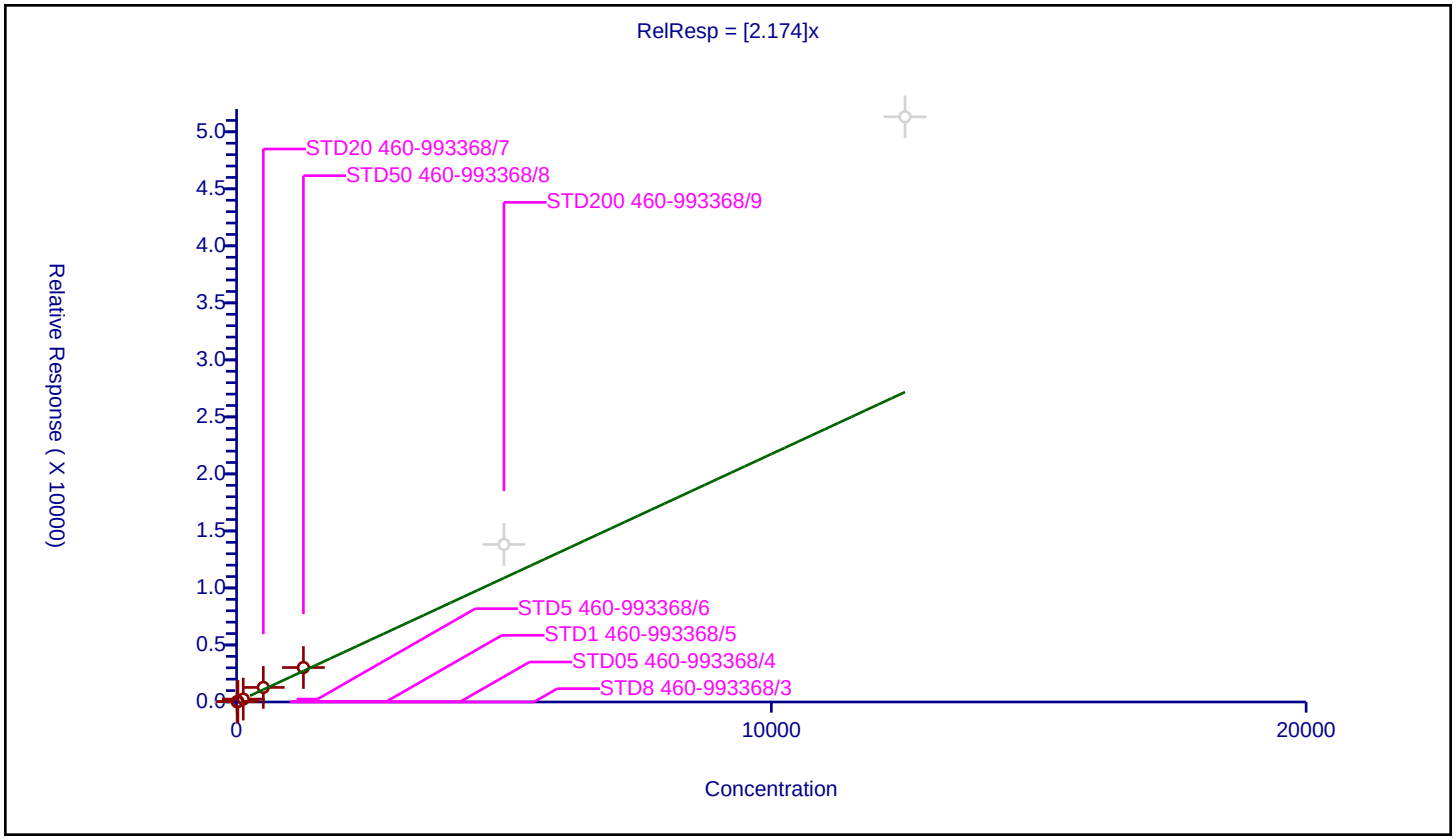
Curve Coefficients

Intercept:	0
Slope:	2.174

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	24.791769	1000.0	40820.0	1.983341	Y
3	STD1 460-993368/5	25.0	47.03228	1000.0	40334.0	1.881291	Y
4	STD5 460-993368/6	125.0	253.973208	1000.0	41654.0	2.031786	Y
5	STD20 460-993368/7	500.0	1278.397729	1000.0	46509.0	2.556795	Y
6	STD50 460-993368/8	1250.0	3023.209268	1000.0	51962.0	2.418567	Y
7	STD200 460-993368/9	5000.0	13814.755428	1000.0	53011.0	2.762951	N
8	STD500 460-993368/10	12500.0	51320.065316	1000.0	66752.0	4.105605	N



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

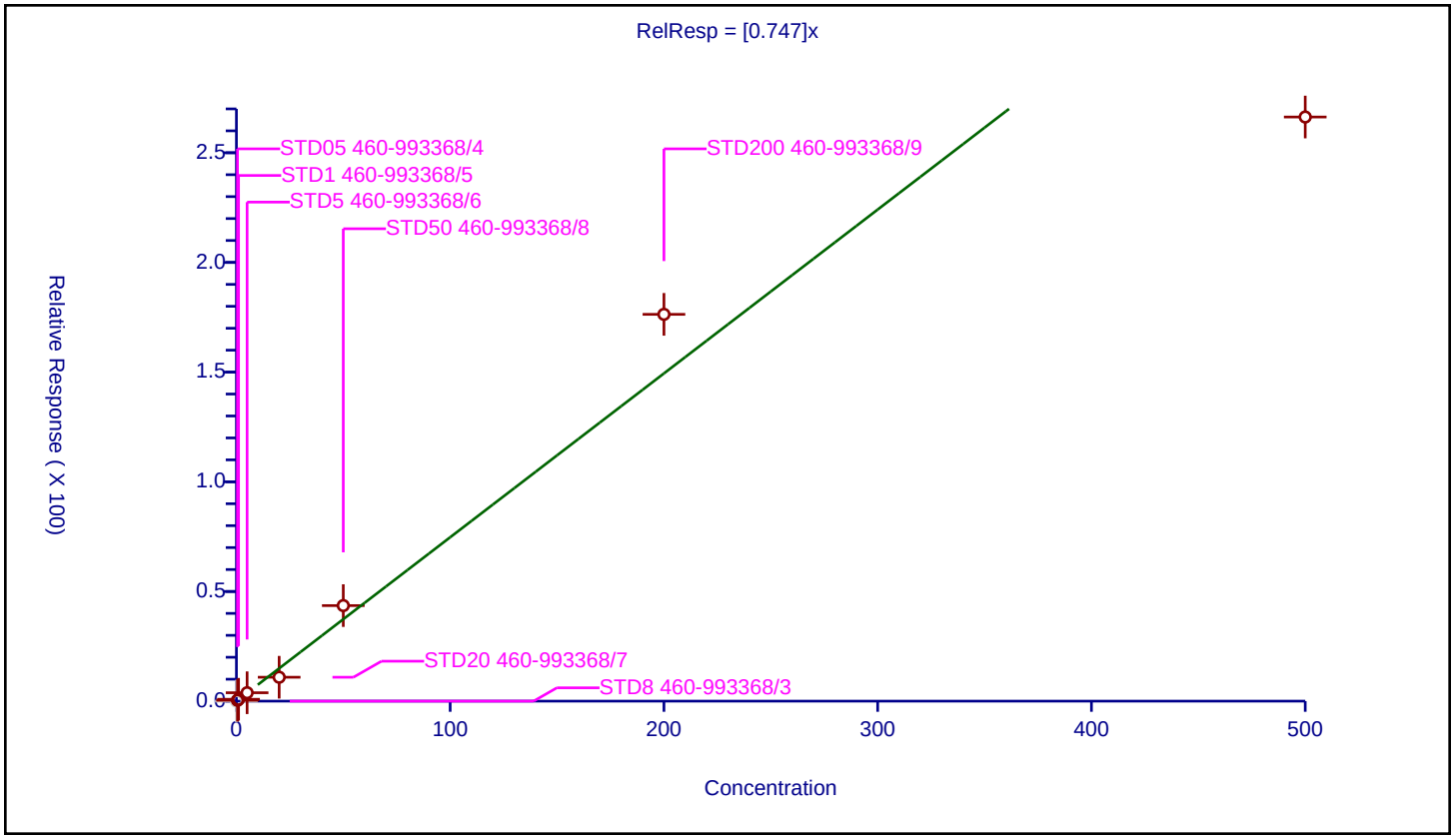
Curve Coefficients

Intercept:	0
Slope:	0.747

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.394027	50.0	767841.0	0.788054	Y
3	STD1 460-993368/5	1.0	0.844247	50.0	736870.0	0.844247	Y
4	STD5 460-993368/6	5.0	3.833141	50.0	753377.0	0.766628	Y
5	STD20 460-993368/7	20.0	10.892409	50.0	750665.0	0.54462	Y
6	STD50 460-993368/8	50.0	43.556193	50.0	760583.0	0.871124	Y
7	STD200 460-993368/9	200.0	176.329213	50.0	788850.0	0.881646	Y
8	STD500 460-993368/10	500.0	266.299532	50.0	838521.0	0.532599	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

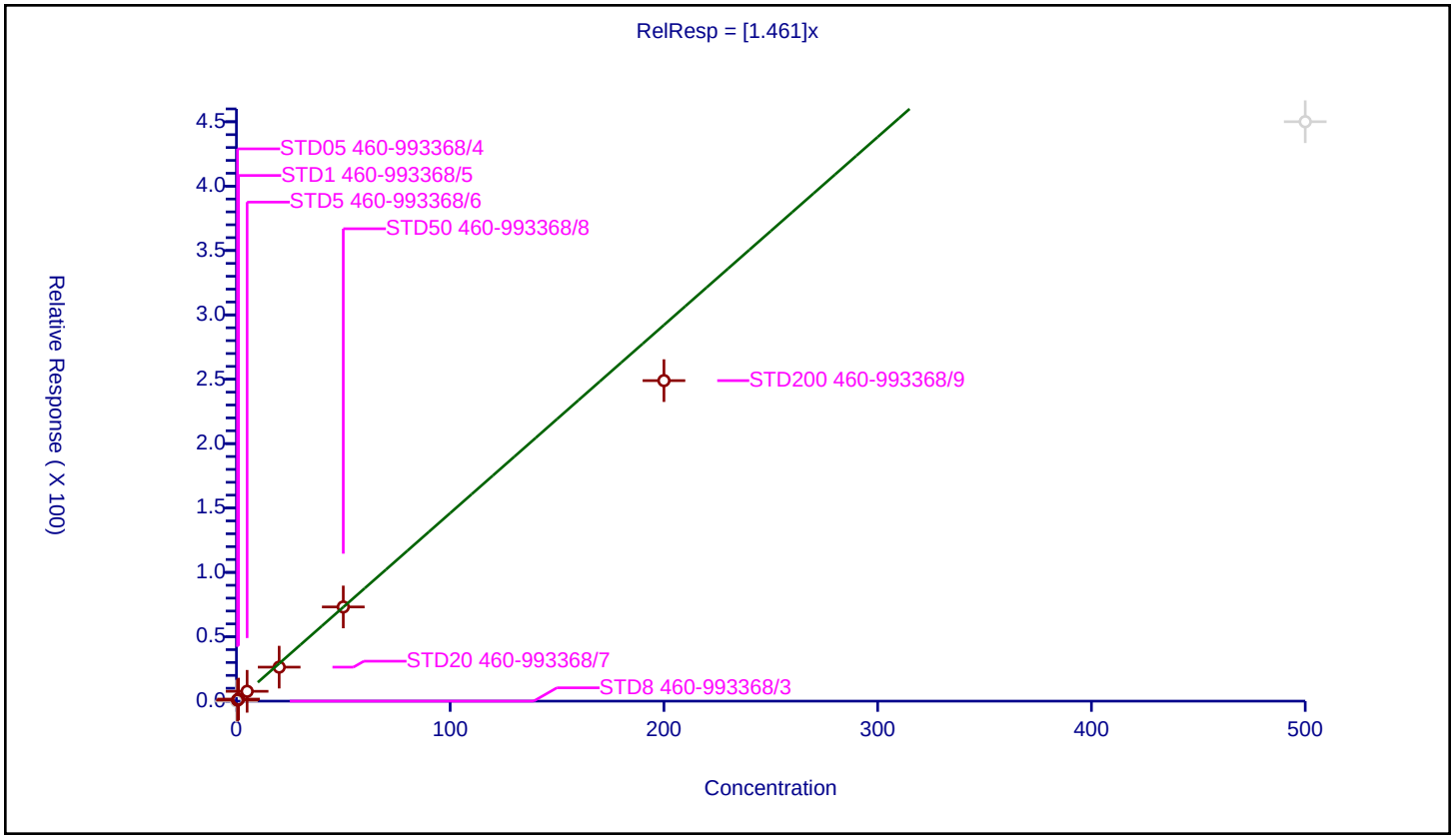
Curve Coefficients

Intercept:	0
Slope:	1.461

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.809024	50.0	529898.0	1.618047	Y
3	STD1 460-993368/5	1.0	1.586802	50.0	522214.0	1.586802	Y
4	STD5 460-993368/6	5.0	7.653782	50.0	538603.0	1.530756	Y
5	STD20 460-993368/7	20.0	26.406662	50.0	533106.0	1.320333	Y
6	STD50 460-993368/8	50.0	73.15189	50.0	539727.0	1.463038	Y
7	STD200 460-993368/9	200.0	248.948121	50.0	572119.0	1.244741	Y
8	STD500 460-993368/10	500.0	450.047849	50.0	611293.0	0.900096	N



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

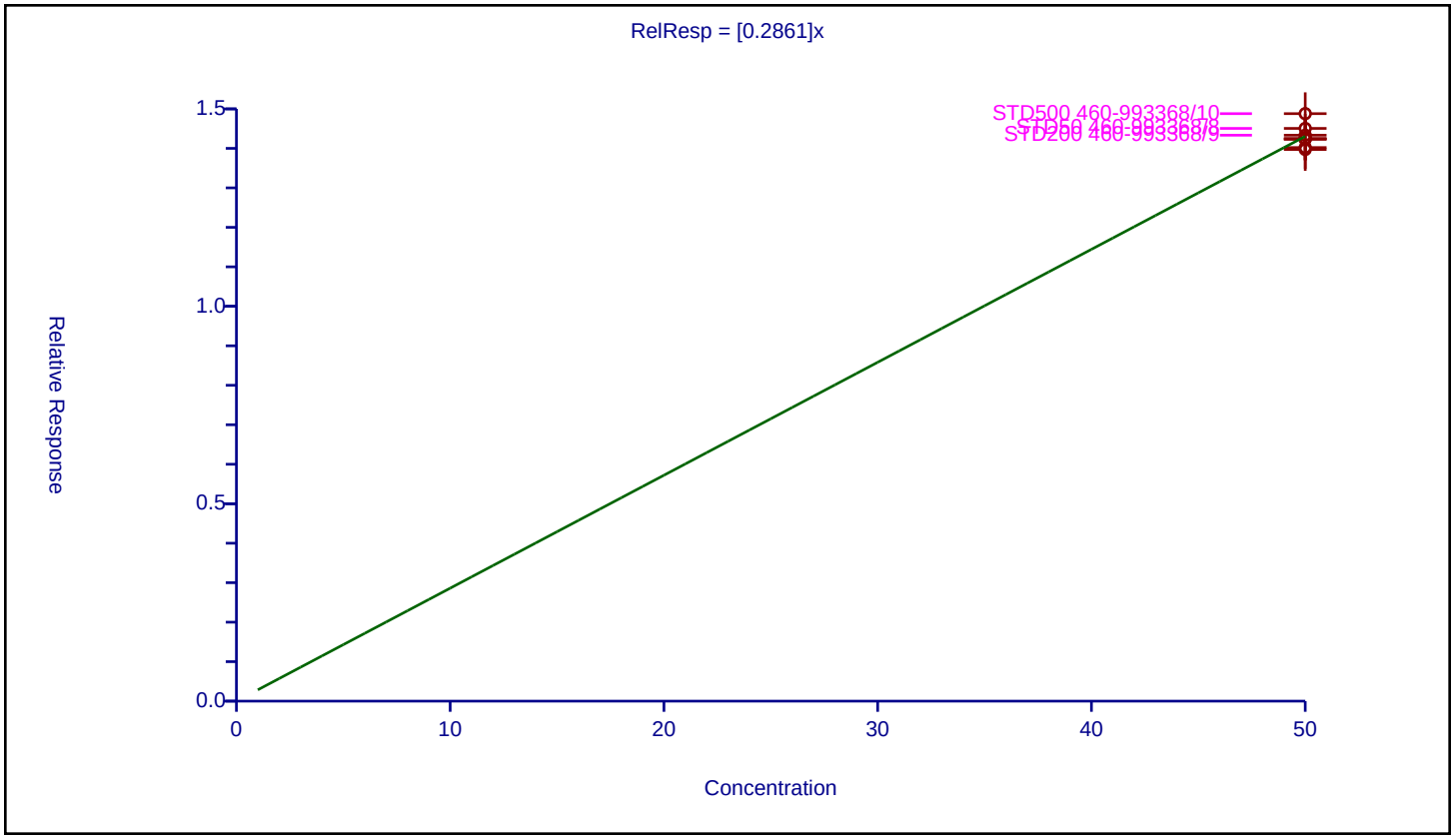
Curve Coefficients

Intercept:	0
Slope:	0.2861

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	14.229302	50.0	794663.0	0.284586	Y
2	STD05 460-993368/4	50.0	14.020741	50.0	767841.0	0.280415	Y
3	STD1 460-993368/5	50.0	14.24885	50.0	736870.0	0.284977	Y
4	STD5 460-993368/6	50.0	14.242471	50.0	753377.0	0.284849	Y
5	STD20 460-993368/7	50.0	13.971412	50.0	750665.0	0.279428	Y
6	STD50 460-993368/8	50.0	14.505386	50.0	760583.0	0.290108	Y
7	STD200 460-993368/9	50.0	14.33384	50.0	788850.0	0.286677	Y
8	STD500 460-993368/10	50.0	14.879472	50.0	838521.0	0.297589	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

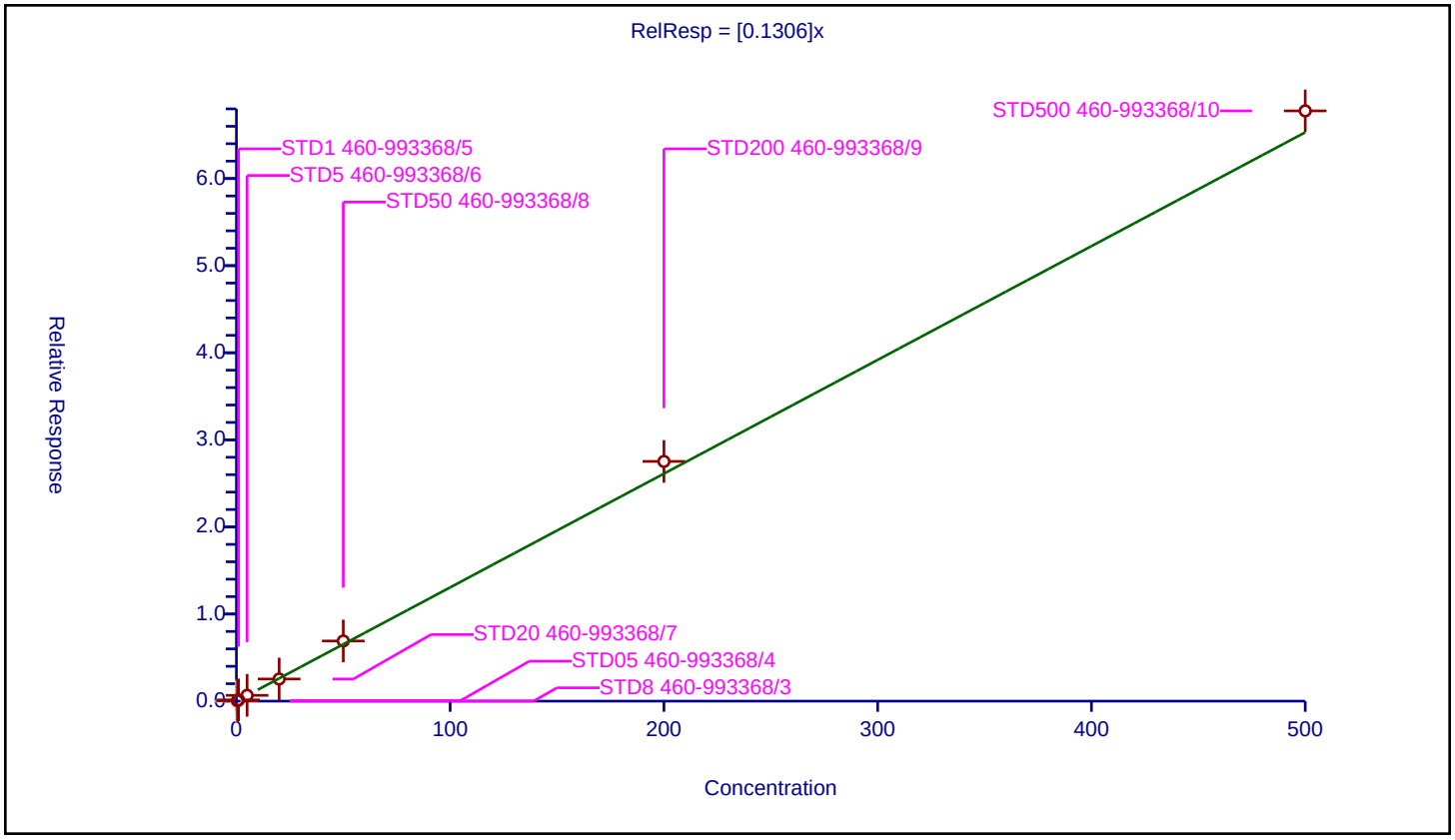
Curve Coefficients

Intercept:	0
Slope:	0.1306

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.050857	50.0	767841.0	0.101714	Y
3	STD1 460-993368/5	1.0	0.140934	50.0	736870.0	0.140934	Y
4	STD5 460-993368/6	5.0	0.666001	50.0	753377.0	0.1332	Y
5	STD20 460-993368/7	20.0	2.541613	50.0	750665.0	0.127081	Y
6	STD50 460-993368/8	50.0	6.907925	50.0	760583.0	0.138158	Y
7	STD200 460-993368/9	200.0	27.522913	50.0	788850.0	0.137615	Y
8	STD500 460-993368/10	500.0	67.770157	50.0	838521.0	0.13554	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

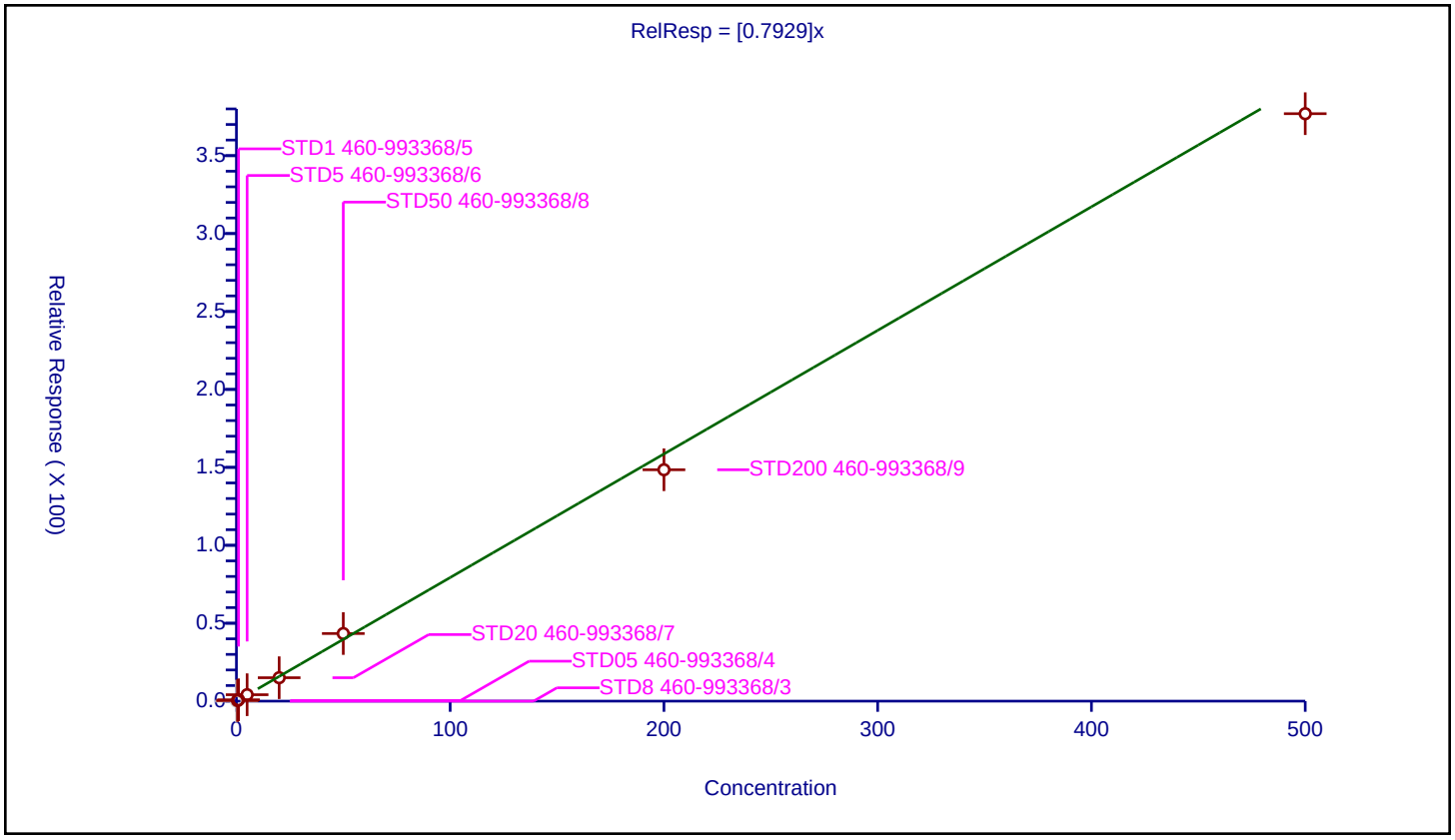
Curve Coefficients

Intercept:	0
Slope:	0.7929

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.370585	50.0	767841.0	0.741169	Y
3	STD1 460-993368/5	1.0	0.869285	50.0	736870.0	0.869285	Y
4	STD5 460-993368/6	5.0	4.123168	50.0	753377.0	0.824634	Y
5	STD20 460-993368/7	20.0	15.031339	50.0	750665.0	0.751567	Y
6	STD50 460-993368/8	50.0	43.385863	50.0	760583.0	0.867717	Y
7	STD200 460-993368/9	200.0	148.463269	50.0	788850.0	0.742316	Y
8	STD500 460-993368/10	500.0	376.917692	50.0	838521.0	0.753835	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

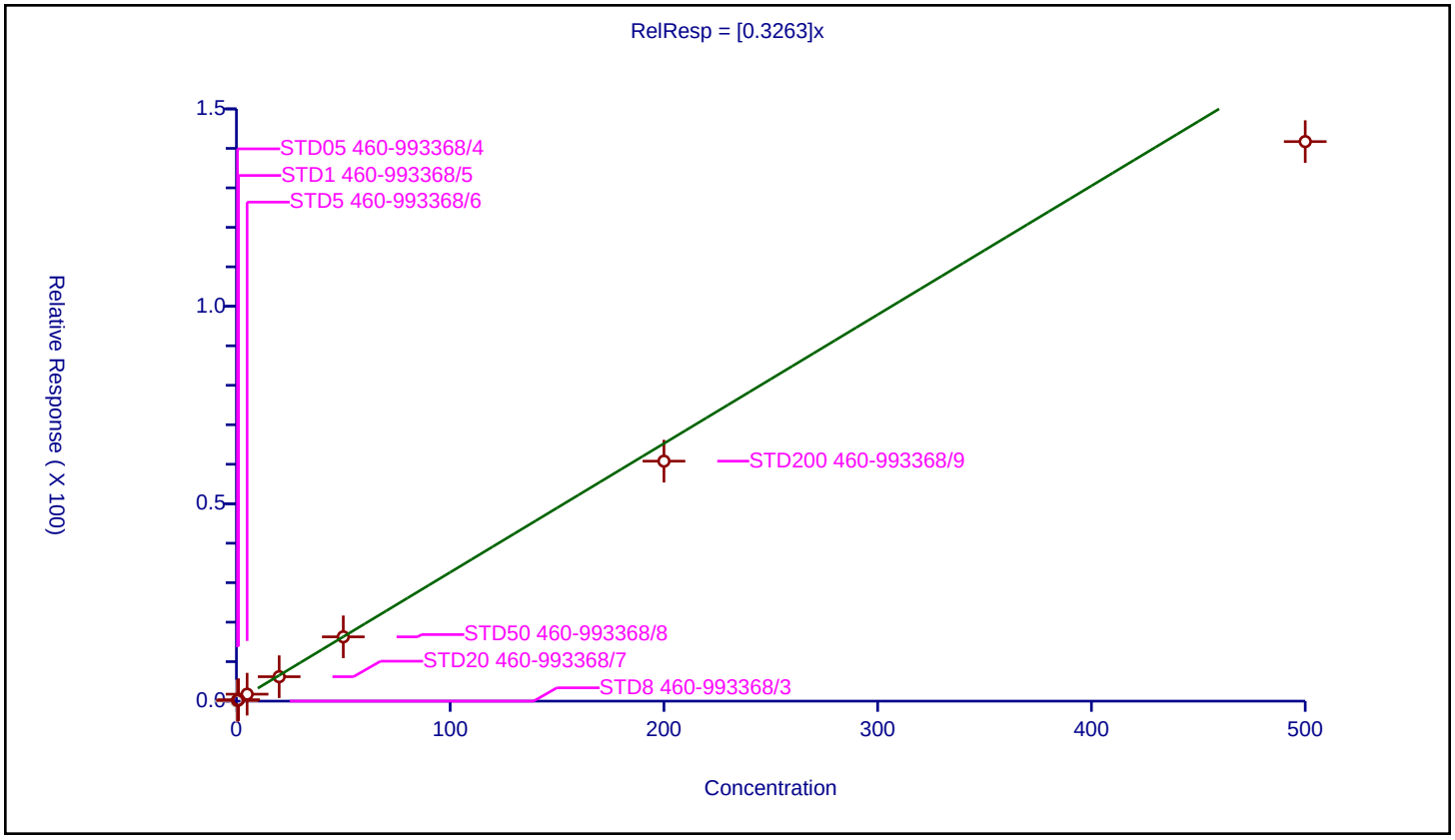
Curve Coefficients

Intercept:	0
Slope:	0.3263

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.173539	50.0	767841.0	0.347077	Y
3	STD1 460-993368/5	1.0	0.361801	50.0	736870.0	0.361801	Y
4	STD5 460-993368/6	5.0	1.762531	50.0	753377.0	0.352506	Y
5	STD20 460-993368/7	20.0	6.190511	50.0	750665.0	0.309526	Y
6	STD50 460-993368/8	50.0	16.286125	50.0	760583.0	0.325723	Y
7	STD200 460-993368/9	200.0	60.782405	50.0	788850.0	0.303912	Y
8	STD500 460-993368/10	500.0	141.716546	50.0	838521.0	0.283433	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

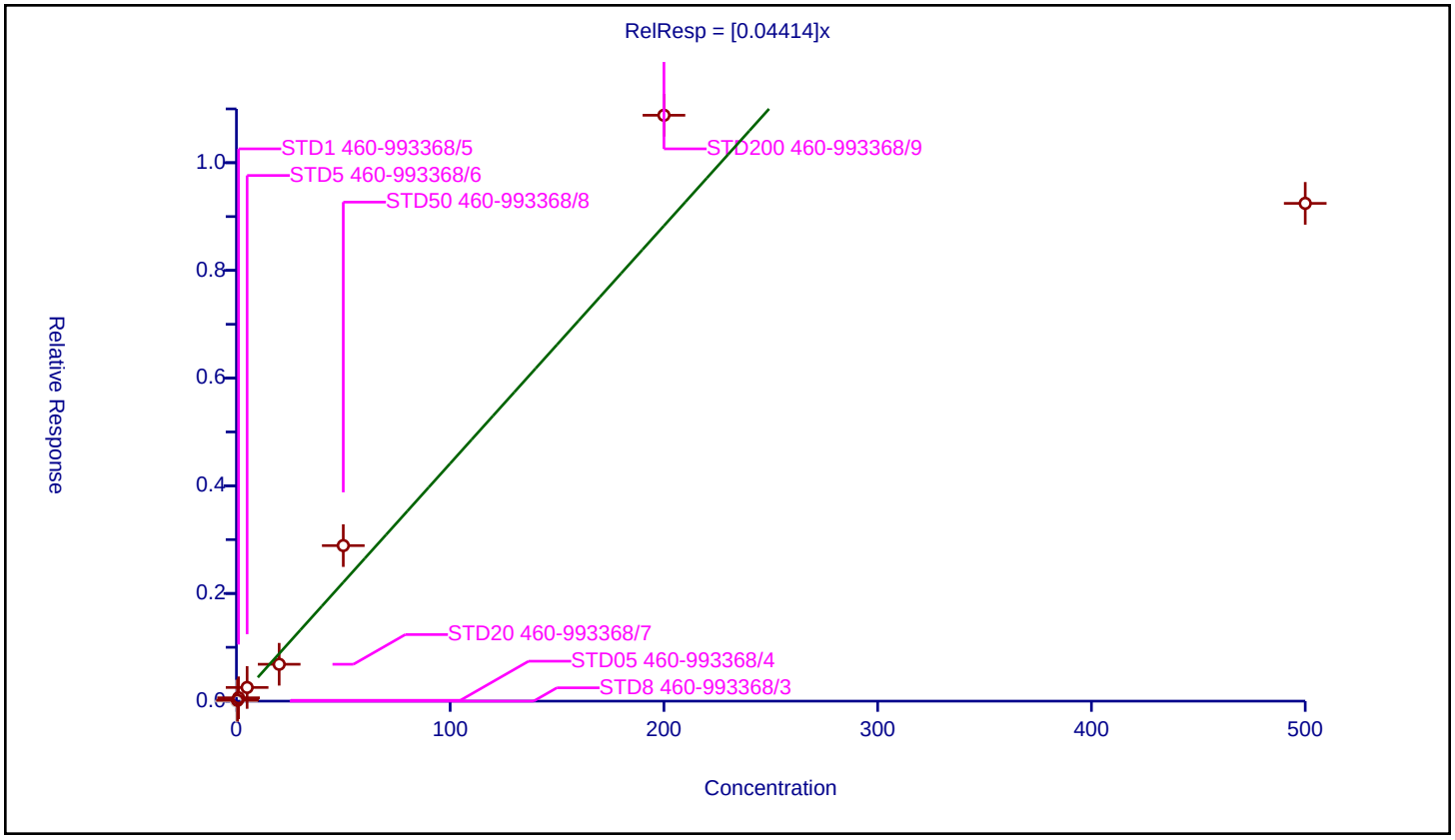
Curve Coefficients

Intercept:	0
Slope:	0.04414

Error Coefficients

Relative Standard Deviation:	36.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.015693	50.0	767841.0	0.031387	Y
3	STD1 460-993368/5	1.0	0.061883	50.0	736870.0	0.061883	Y
4	STD5 460-993368/6	5.0	0.254056	50.0	753377.0	0.050811	Y
5	STD20 460-993368/7	20.0	0.684793	50.0	750665.0	0.03424	Y
6	STD50 460-993368/8	50.0	2.889363	50.0	760583.0	0.057787	Y
7	STD200 460-993368/9	200.0	10.881663	50.0	788850.0	0.054408	Y
8	STD500 460-993368/10	500.0	9.245386	50.0	838521.0	0.018491	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

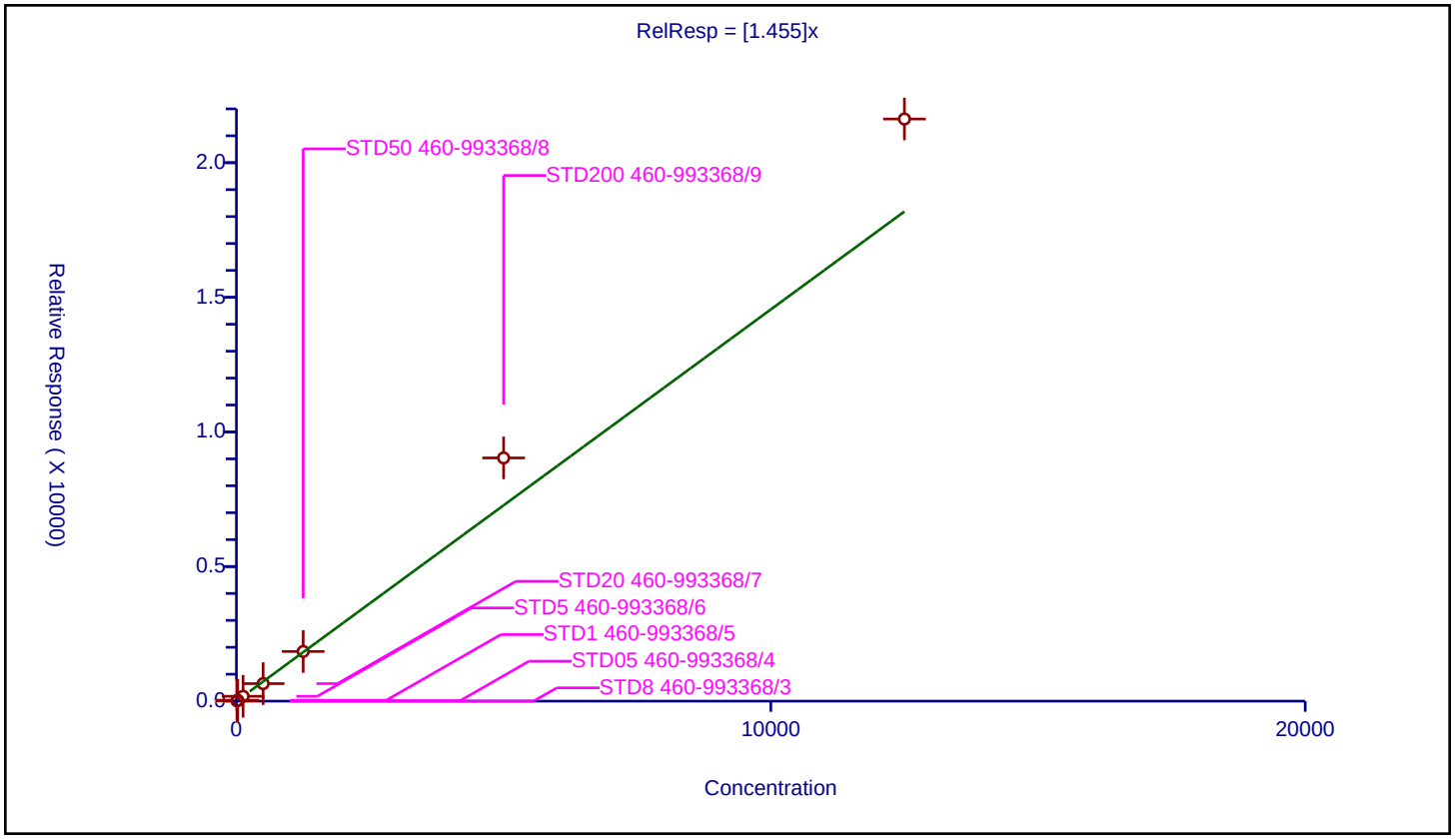
Curve Coefficients

Intercept:	0
Slope:	1.455

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	13.816756	1000.0	40820.0	1.105341	Y
3	STD1 460-993368/5	25.0	32.999455	1000.0	40334.0	1.319978	Y
4	STD5 460-993368/6	125.0	180.894992	1000.0	41654.0	1.44716	Y
5	STD20 460-993368/7	500.0	650.067729	1000.0	46509.0	1.300135	Y
6	STD50 460-993368/8	1250.0	1844.386282	1000.0	51962.0	1.475509	Y
7	STD200 460-993368/9	5000.0	9034.275905	1000.0	53011.0	1.806855	Y
8	STD500 460-993368/10	12500.0	21623.966323	1000.0	66752.0	1.729917	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

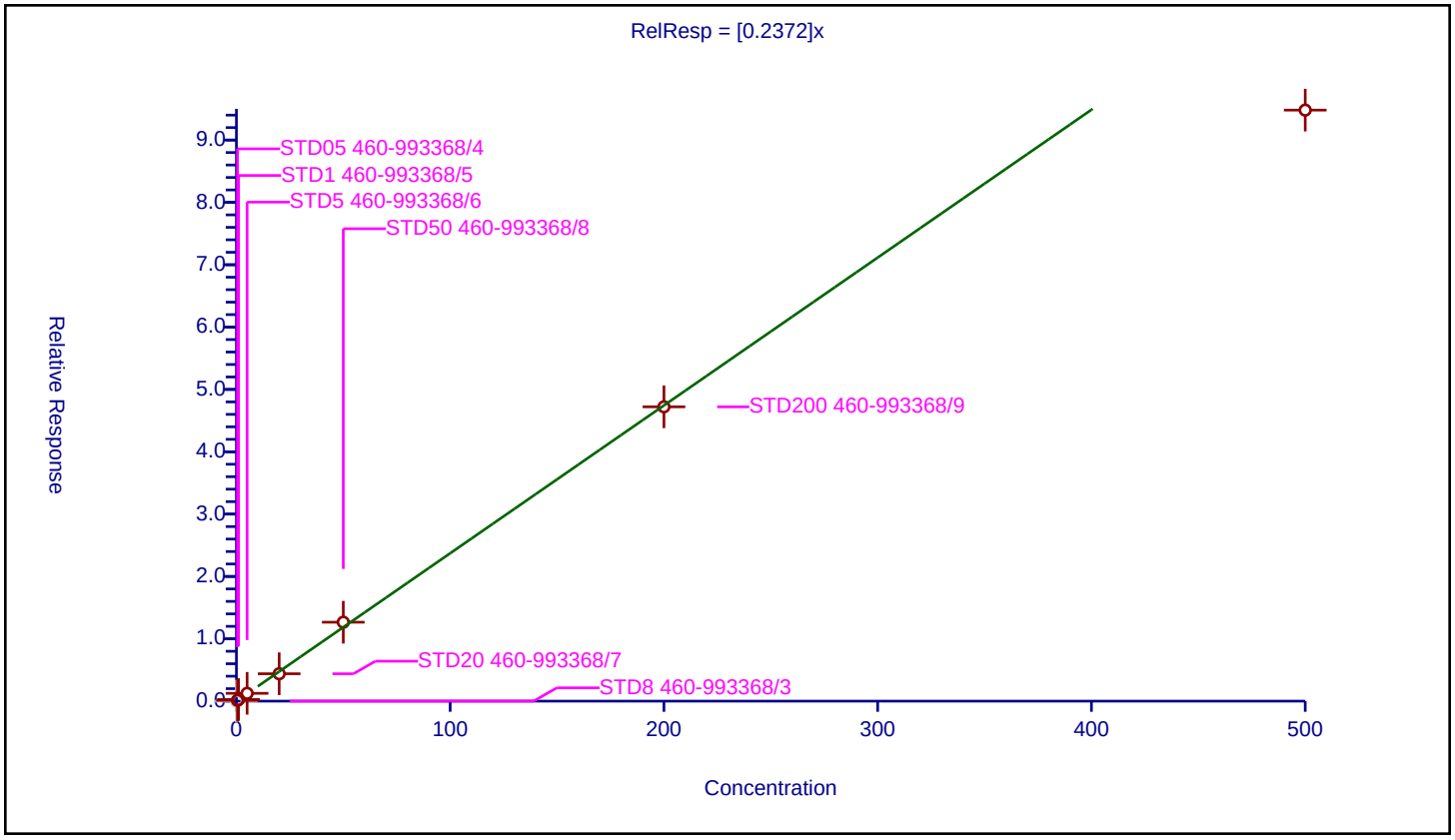
Curve Coefficients

Intercept:	0
Slope:	0.2372

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.125221	50.0	767841.0	0.250442	Y
3	STD1 460-993368/5	1.0	0.260222	50.0	736870.0	0.260222	Y
4	STD5 460-993368/6	5.0	1.254153	50.0	753377.0	0.250831	Y
5	STD20 460-993368/7	20.0	4.395036	50.0	750665.0	0.219752	Y
6	STD50 460-993368/8	50.0	12.661932	50.0	760583.0	0.253239	Y
7	STD200 460-993368/9	200.0	47.212398	50.0	788850.0	0.236062	Y
8	STD500 460-993368/10	500.0	94.802515	50.0	838521.0	0.189605	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

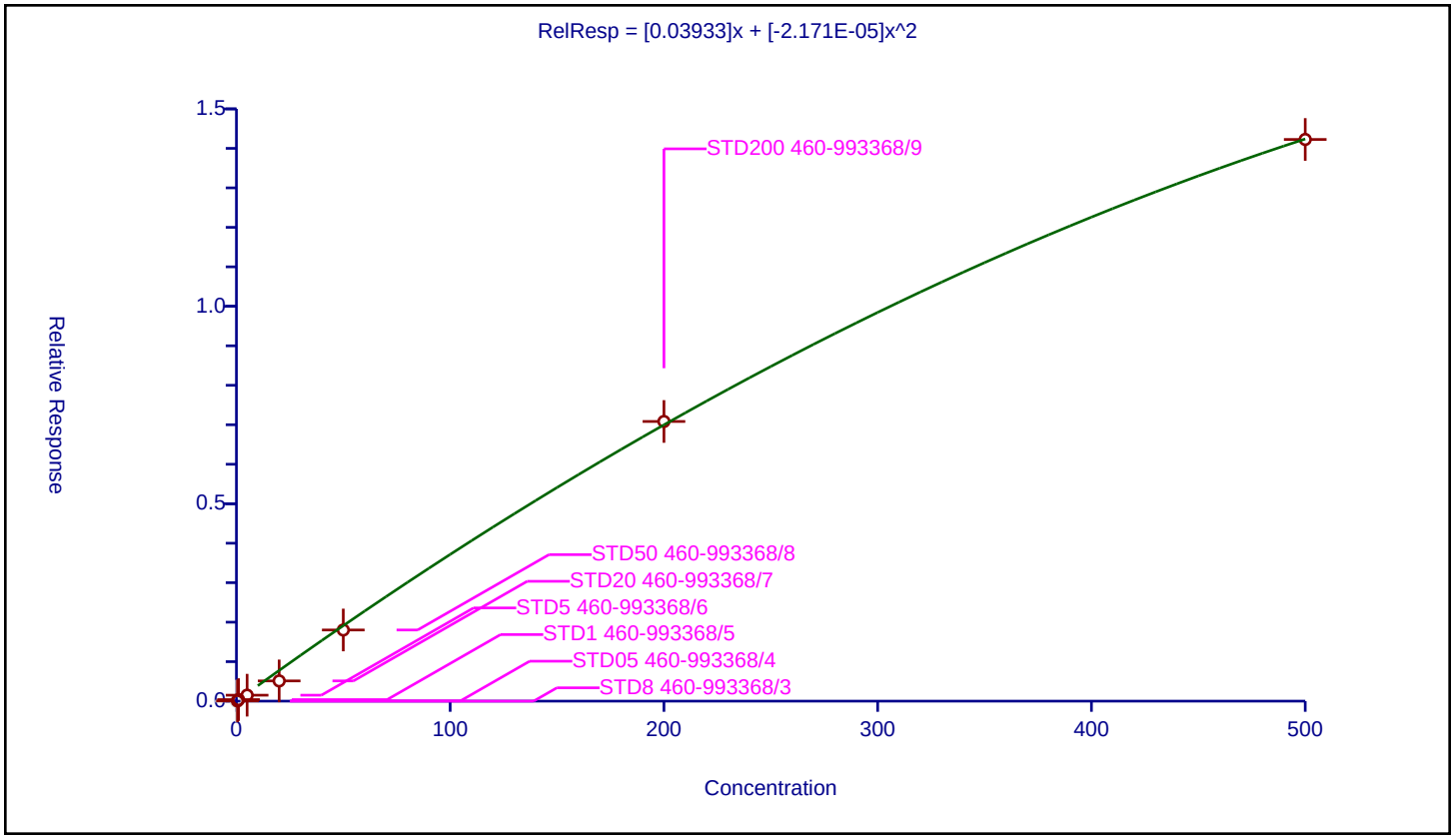
Curve Coefficients

Intercept:	0
Slope:	0.03933
Second Order:	-2.171E-05

Error Coefficients

Relative Standard Deviation:	36.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.005795	50.0	767841.0	0.011591	Y
3	STD1 460-993368/5	1.0	0.038813	50.0	736870.0	0.038813	Y
4	STD5 460-993368/6	5.0	0.150854	50.0	753377.0	0.030171	Y
5	STD20 460-993368/7	20.0	0.512412	50.0	750665.0	0.025621	Y
6	STD50 460-993368/8	50.0	1.801907	50.0	760583.0	0.036038	Y
7	STD200 460-993368/9	200.0	7.083539	50.0	788850.0	0.035418	Y
8	STD500 460-993368/10	500.0	14.225702	50.0	838521.0	0.028451	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

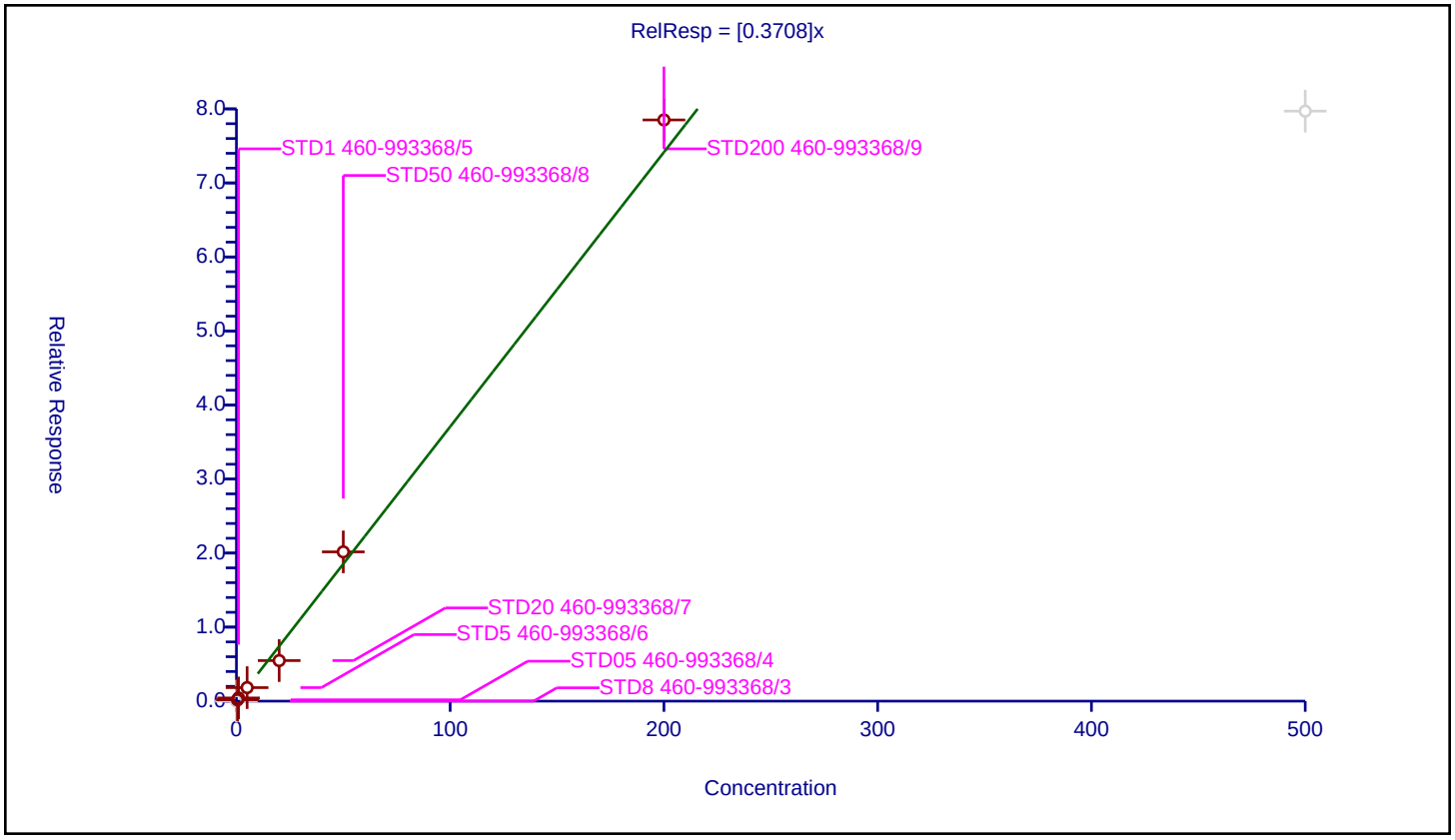
Curve Coefficients

Intercept:	0
Slope:	0.3708

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.180767	50.0	767841.0	0.361533	Y
3	STD1 460-993368/5	1.0	0.428298	50.0	736870.0	0.428298	Y
4	STD5 460-993368/6	5.0	1.826244	50.0	753377.0	0.365249	Y
5	STD20 460-993368/7	20.0	5.476078	50.0	750665.0	0.273804	Y
6	STD50 460-993368/8	50.0	20.161442	50.0	760583.0	0.403229	Y
7	STD200 460-993368/9	200.0	78.50694	50.0	788850.0	0.392535	Y
8	STD500 460-993368/10	500.0	79.697885	50.0	838521.0	0.159396	N



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

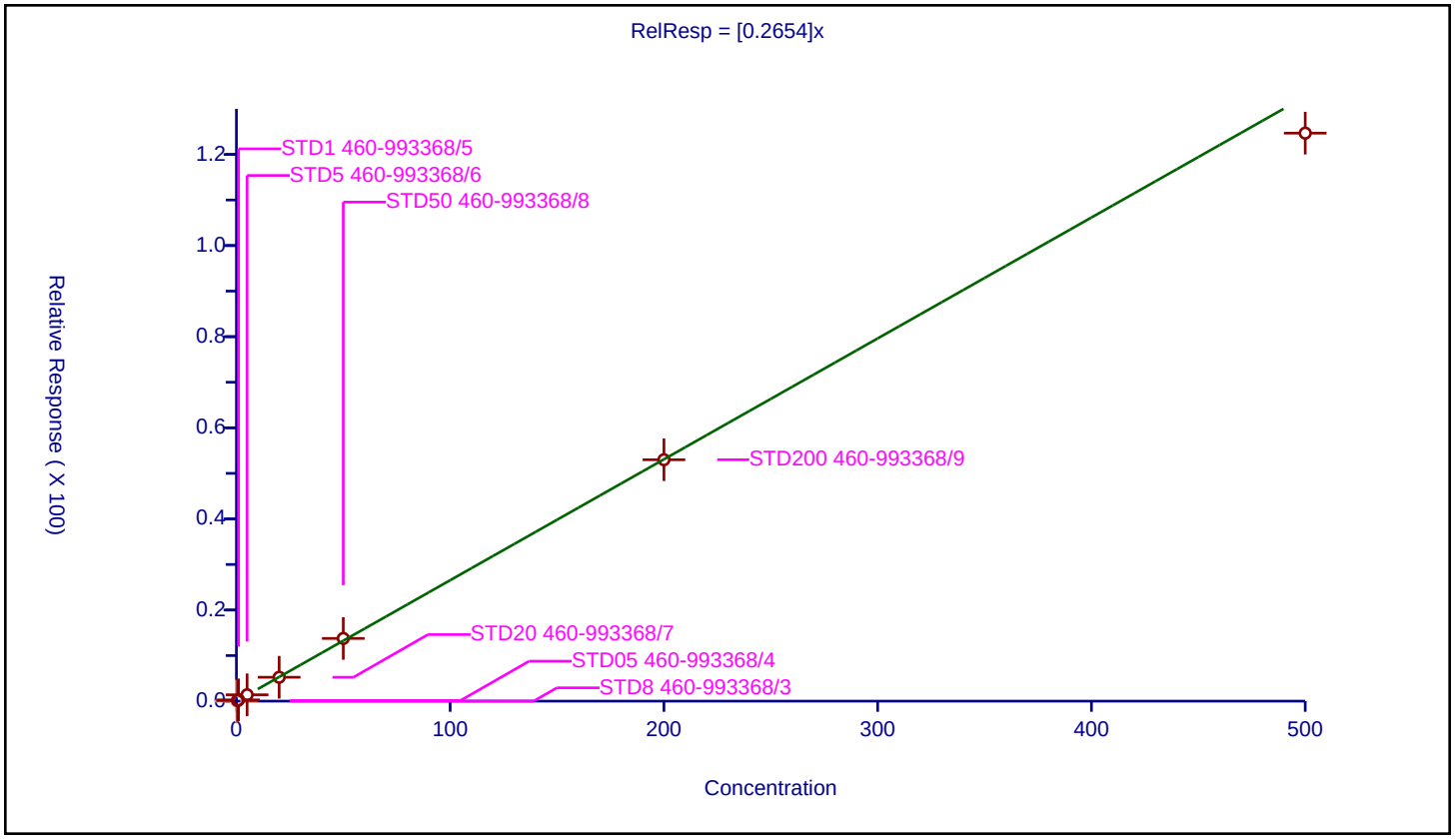
Curve Coefficients

Intercept:	0
Slope:	0.2654

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.124765	50.0	767841.0	0.249531	Y
3	STD1 460-993368/5	1.0	0.277593	50.0	736870.0	0.277593	Y
4	STD5 460-993368/6	5.0	1.394786	50.0	753377.0	0.278957	Y
5	STD20 460-993368/7	20.0	5.242751	50.0	750665.0	0.262138	Y
6	STD50 460-993368/8	50.0	13.762535	50.0	760583.0	0.275251	Y
7	STD200 460-993368/9	200.0	52.989922	50.0	788850.0	0.26495	Y
8	STD500 460-993368/10	500.0	124.674695	50.0	838521.0	0.249349	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

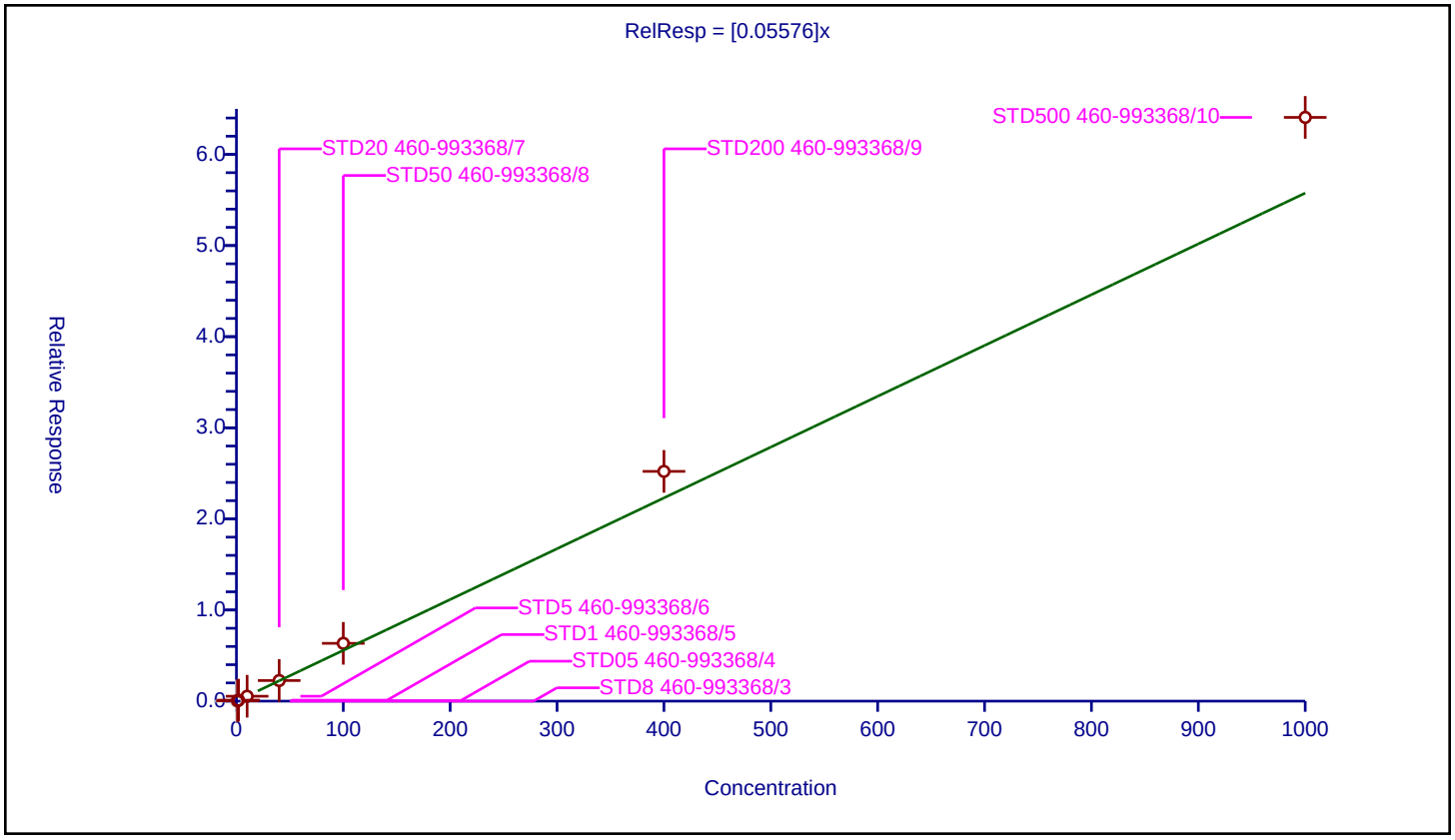
Curve Coefficients

Intercept:	0
Slope:	0.05576

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.036466	50.0	767841.0	0.036466	Y
3	STD1 460-993368/5	2.0	0.105446	50.0	736870.0	0.052723	Y
4	STD5 460-993368/6	10.0	0.540168	50.0	753377.0	0.054017	Y
5	STD20 460-993368/7	40.0	2.261861	50.0	750665.0	0.056547	Y
6	STD50 460-993368/8	100.0	6.345461	50.0	760583.0	0.063455	Y
7	STD200 460-993368/9	400.0	25.215377	50.0	788850.0	0.063038	Y
8	STD500 460-993368/10	1000.0	64.067149	50.0	838521.0	0.064067	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

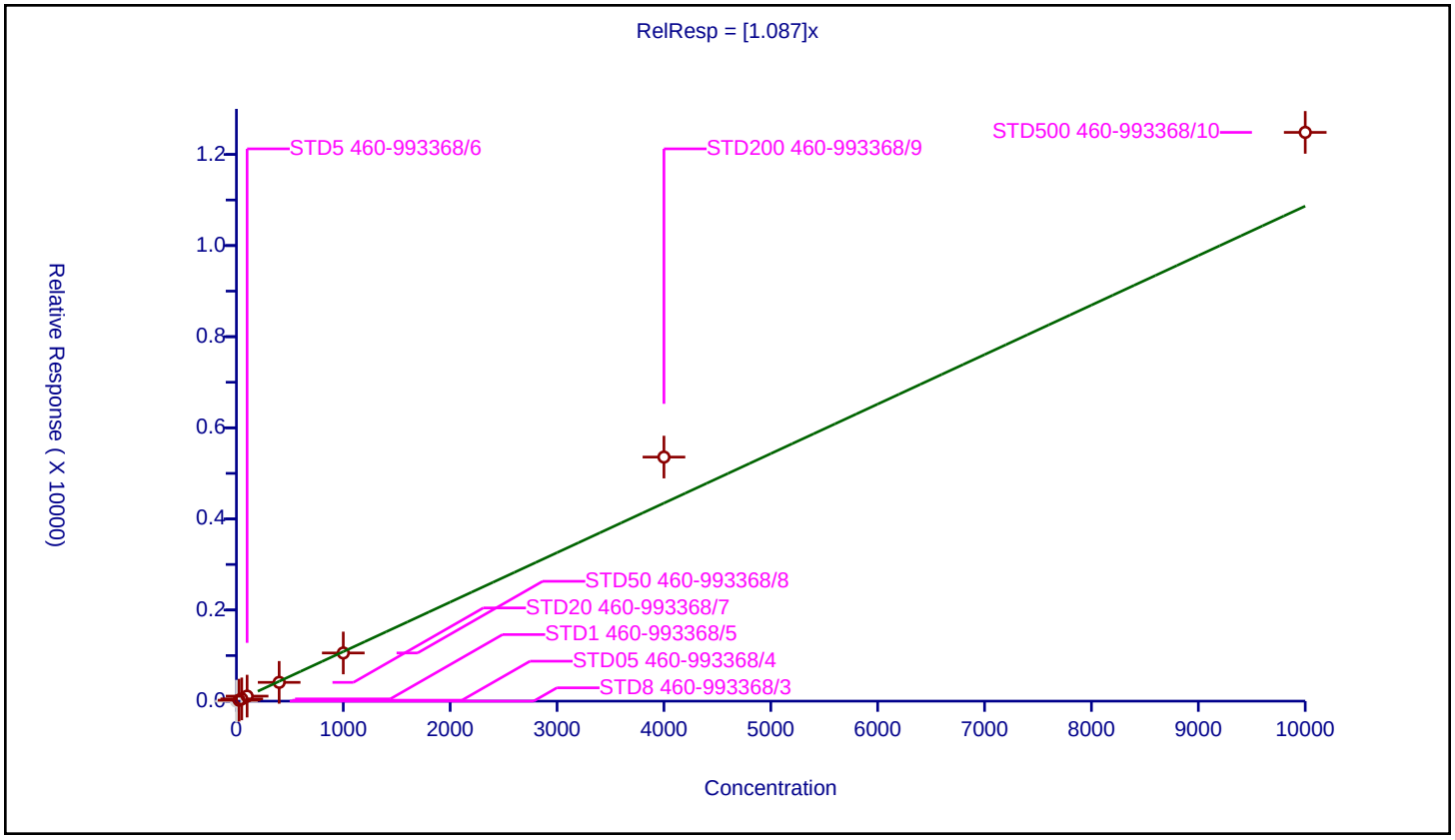
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	29940.0	NaN	N
2	STD05 460-993368/4	25.000031	20.930841	1000.0	34399.0	0.837233	Y
3	STD1 460-993368/5	50.000062	49.678274	1000.0	31704.0	0.993564	Y
4	STD5 460-993368/6	100.0	110.079648	1000.0	36410.0	1.100796	Y
5	STD20 460-993368/7	400.0	412.027561	1000.0	34687.0	1.030069	Y
6	STD50 460-993368/8	1000.0	1057.114747	1000.0	38624.0	1.057115	Y
7	STD200 460-993368/9	4000.0	5356.963675	1000.0	30695.0	1.339241	Y
8	STD500 460-993368/10	10000.0	12484.393467	1000.0	37228.0	1.248439	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

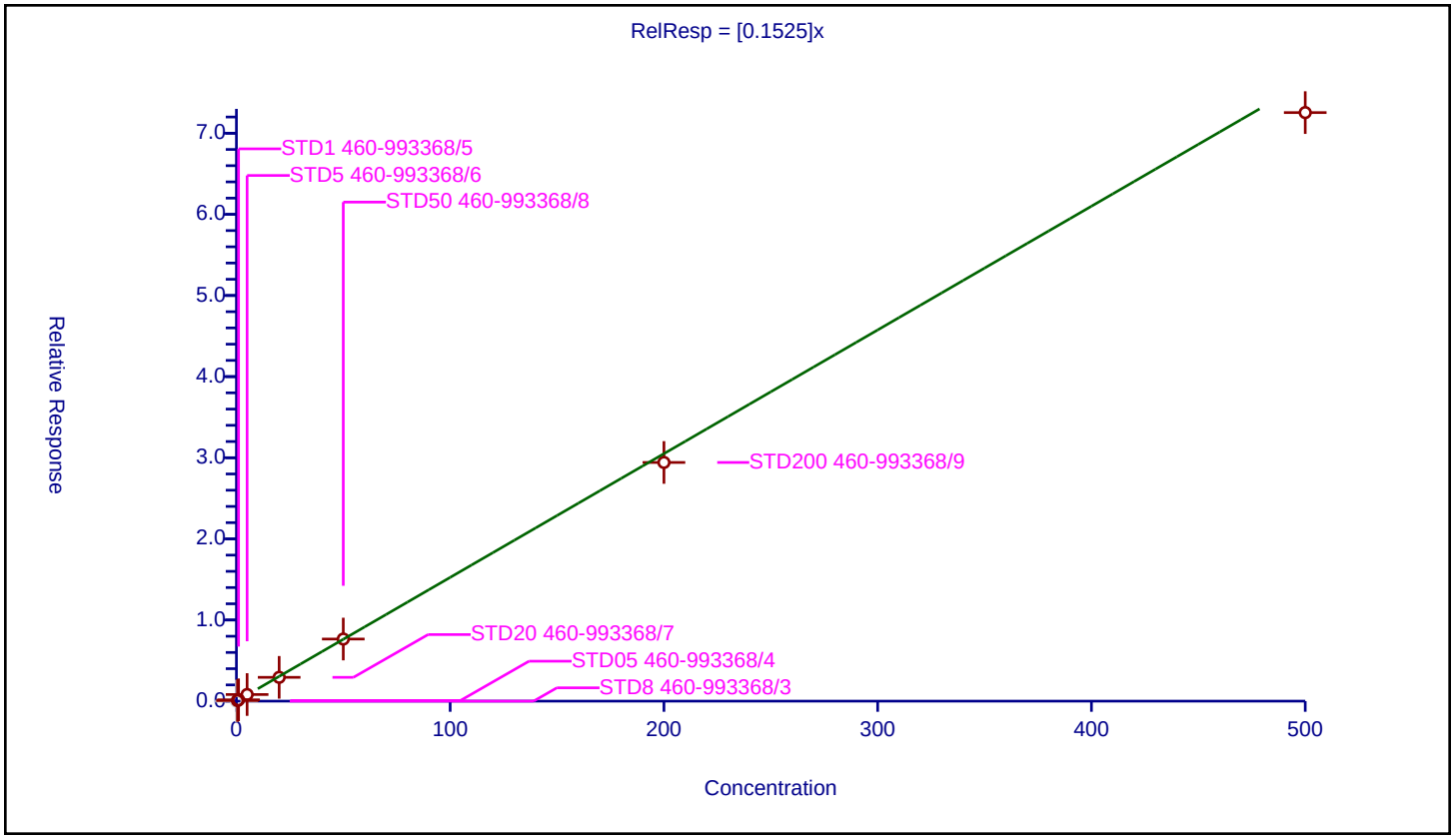
Curve Coefficients

Intercept:	0
Slope:	0.1525

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.075341	50.0	767841.0	0.150682	Y
3	STD1 460-993368/5	1.0	0.161494	50.0	736870.0	0.161494	Y
4	STD5 460-993368/6	5.0	0.817054	50.0	753377.0	0.163411	Y
5	STD20 460-993368/7	20.0	2.934132	50.0	750665.0	0.146707	Y
6	STD50 460-993368/8	50.0	7.65472	50.0	760583.0	0.153094	Y
7	STD200 460-993368/9	200.0	29.419091	50.0	788850.0	0.147095	Y
8	STD500 460-993368/10	500.0	72.543562	50.0	838521.0	0.145087	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

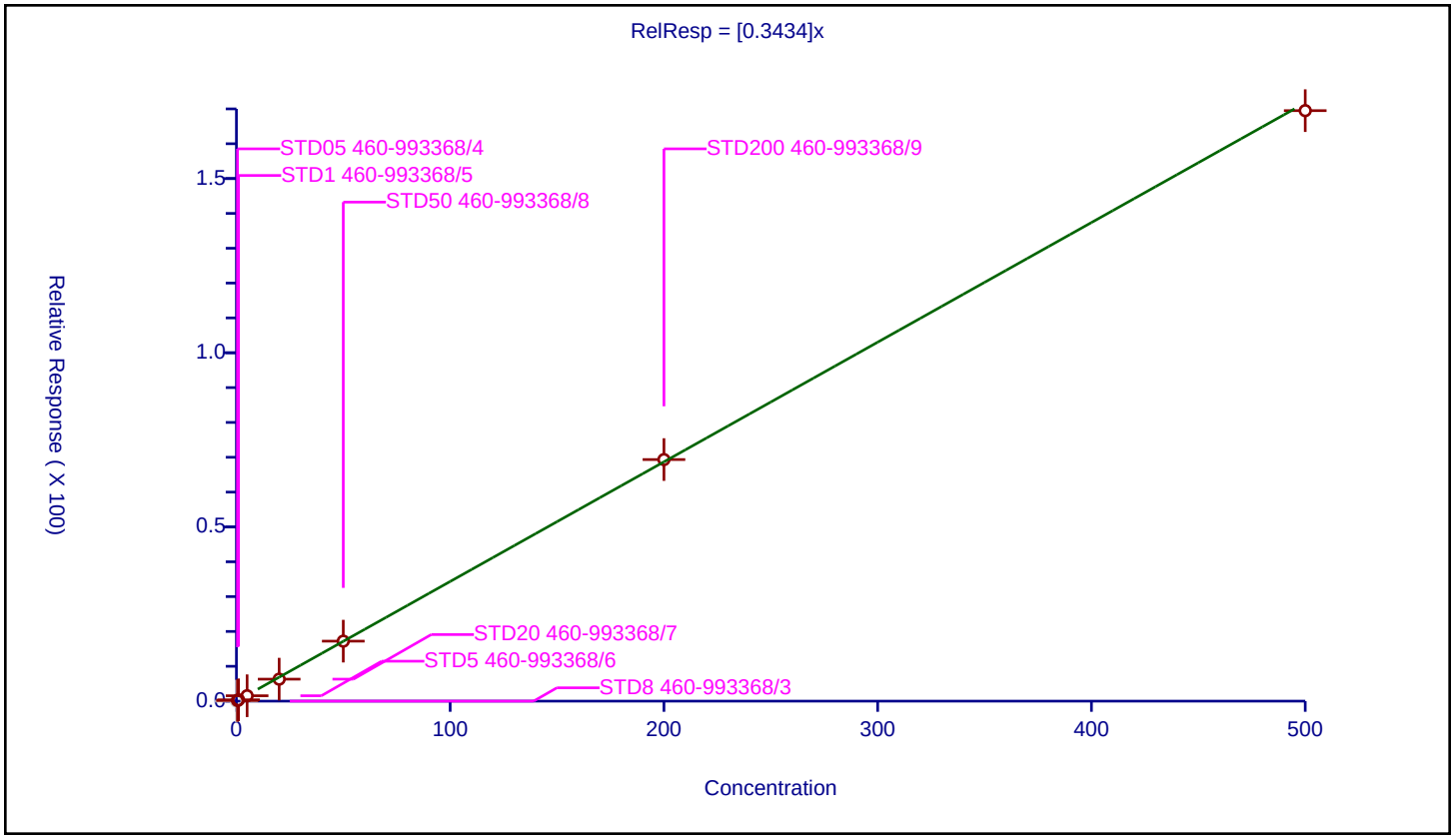
Curve Coefficients

Intercept:	0
Slope:	0.3434

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.186888	50.0	767841.0	0.373775	Y
3	STD1 460-993368/5	1.0	0.375439	50.0	736870.0	0.375439	Y
4	STD5 460-993368/6	5.0	1.546901	50.0	753377.0	0.30938	Y
5	STD20 460-993368/7	20.0	6.308606	50.0	750665.0	0.31543	Y
6	STD50 460-993368/8	50.0	17.220737	50.0	760583.0	0.344415	Y
7	STD200 460-993368/9	200.0	69.340876	50.0	788850.0	0.346704	Y
8	STD500 460-993368/10	500.0	169.493549	50.0	838521.0	0.338987	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

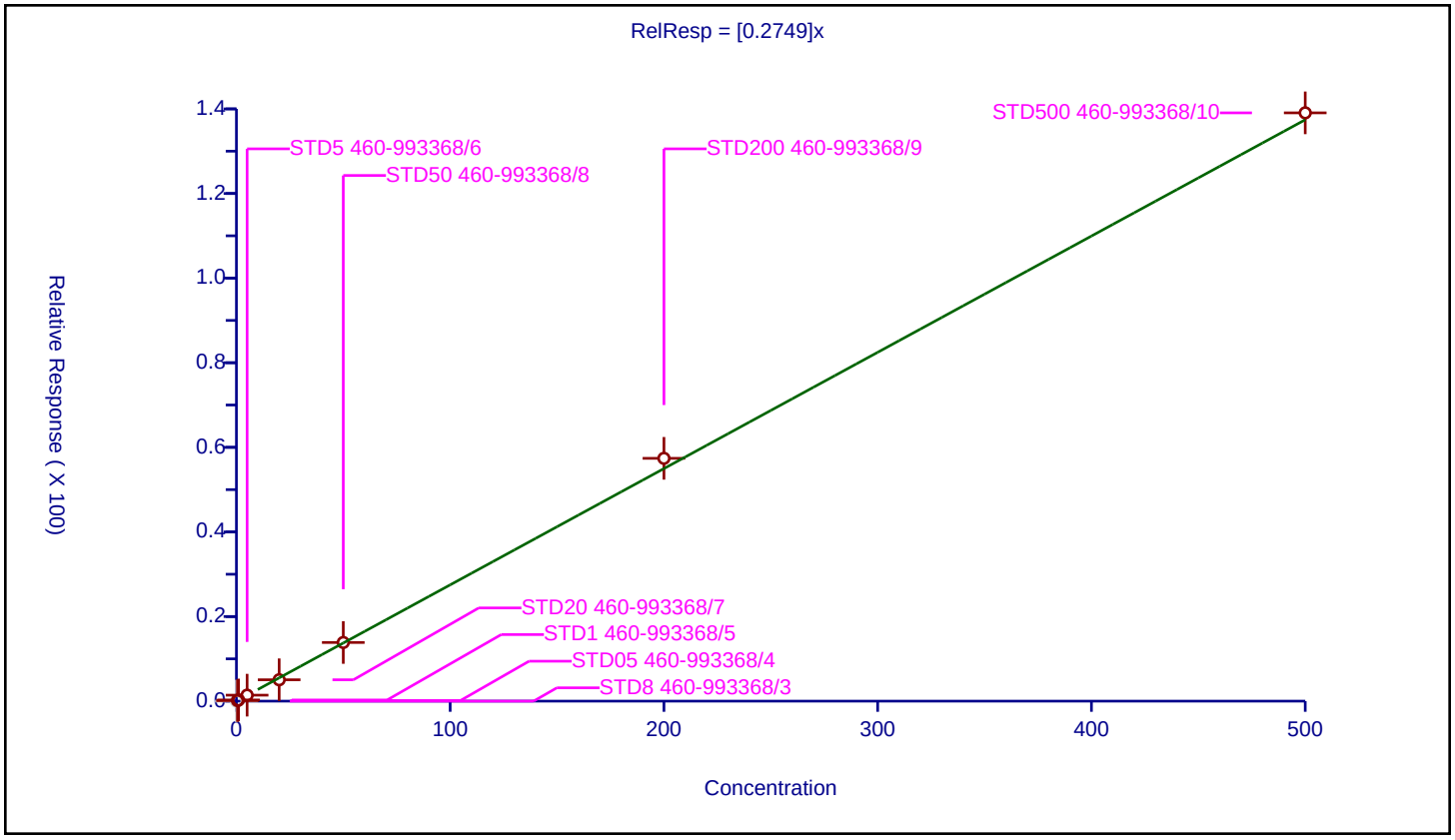
Curve Coefficients

Intercept:	0
Slope:	0.2749

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.137008	50.0	767841.0	0.274015	Y
3	STD1 460-993368/5	1.0	0.272775	50.0	736870.0	0.272775	Y
4	STD5 460-993368/6	5.0	1.410648	50.0	753377.0	0.28213	Y
5	STD20 460-993368/7	20.0	5.052054	50.0	750665.0	0.252603	Y
6	STD50 460-993368/8	50.0	13.86844	50.0	760583.0	0.277369	Y
7	STD200 460-993368/9	200.0	57.398301	50.0	788850.0	0.286992	Y
8	STD500 460-993368/10	500.0	139.063124	50.0	838521.0	0.278126	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

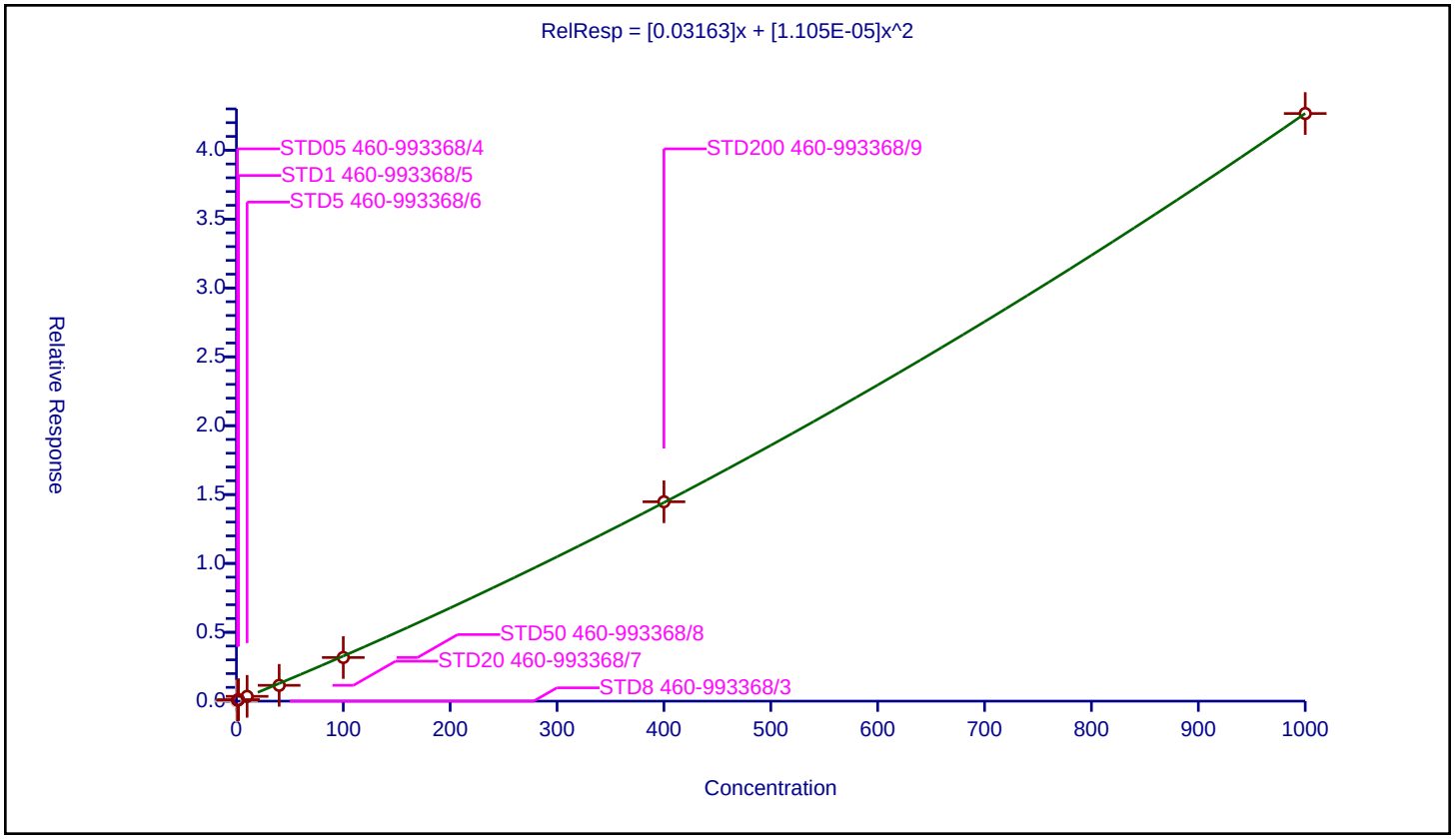
Curve Coefficients

Intercept:	0
Slope:	0.03163
Second Order:	1.105E-05

Error Coefficients

Relative Standard Deviation:	65.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.072606	50.0	767841.0	0.072606	Y
3	STD1 460-993368/5	2.0	0.10531	50.0	736870.0	0.052655	Y
4	STD5 460-993368/6	10.0	0.348232	50.0	753377.0	0.034823	Y
5	STD20 460-993368/7	40.0	1.148382	50.0	750665.0	0.02871	Y
6	STD50 460-993368/8	100.0	3.169214	50.0	760583.0	0.031692	Y
7	STD200 460-993368/9	400.0	14.476073	50.0	788850.0	0.03619	Y
8	STD500 460-993368/10	1000.0	42.662676	50.0	838521.0	0.042663	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

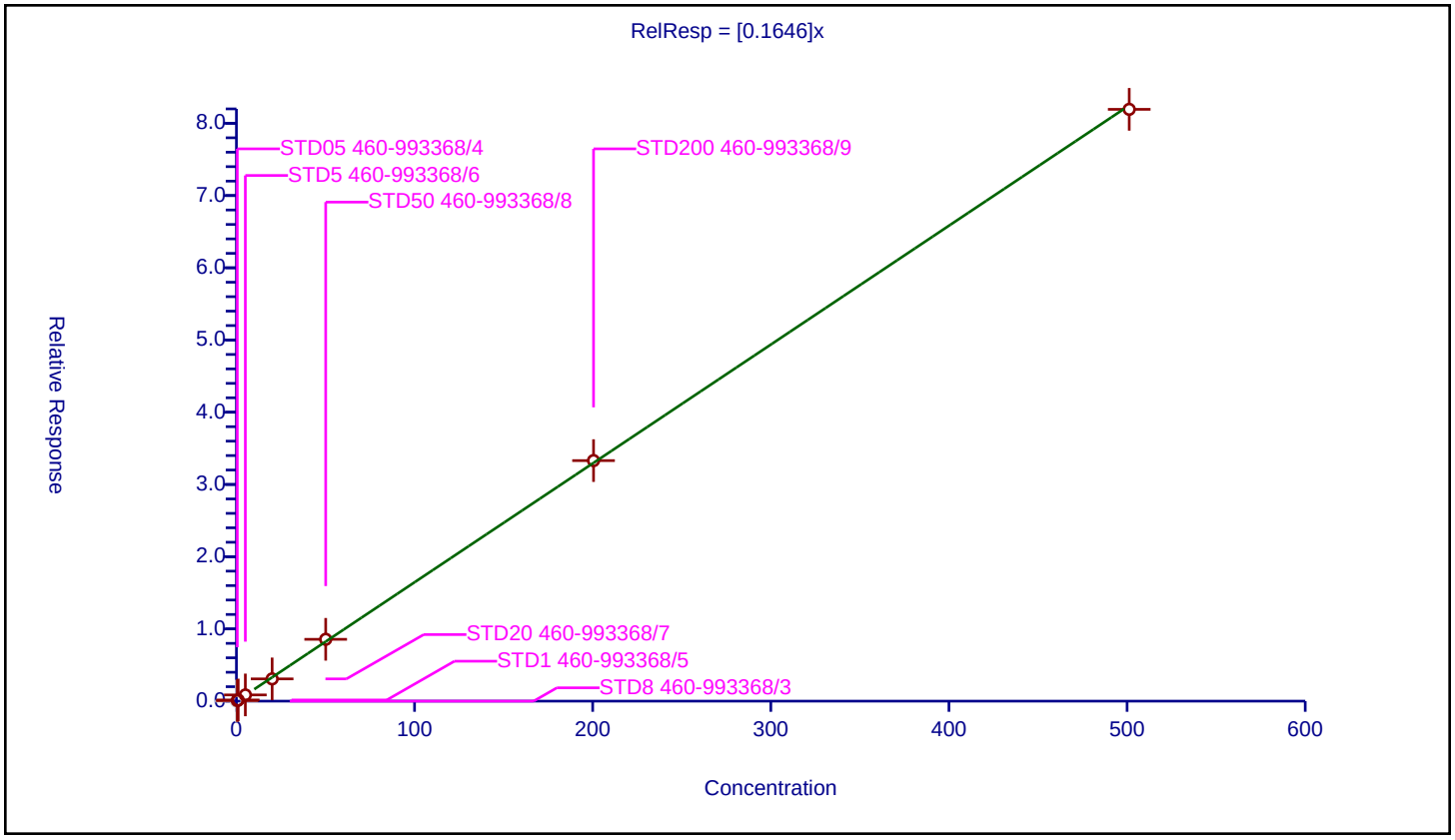
Curve Coefficients

Intercept:	0
Slope:	0.1646

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5012	0.082569	50.0	767841.0	0.164743	Y
3	STD1 460-993368/5	1.0024	0.162105	50.0	736870.0	0.161716	Y
4	STD5 460-993368/6	5.012	0.859264	50.0	753377.0	0.171441	Y
5	STD20 460-993368/7	20.048	3.079736	50.0	750665.0	0.153618	Y
6	STD50 460-993368/8	50.12	8.561459	50.0	760583.0	0.170819	Y
7	STD200 460-993368/9	200.48	33.305825	50.0	788850.0	0.16613	Y
8	STD500 460-993368/10	501.2	81.938377	50.0	838521.0	0.163484	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

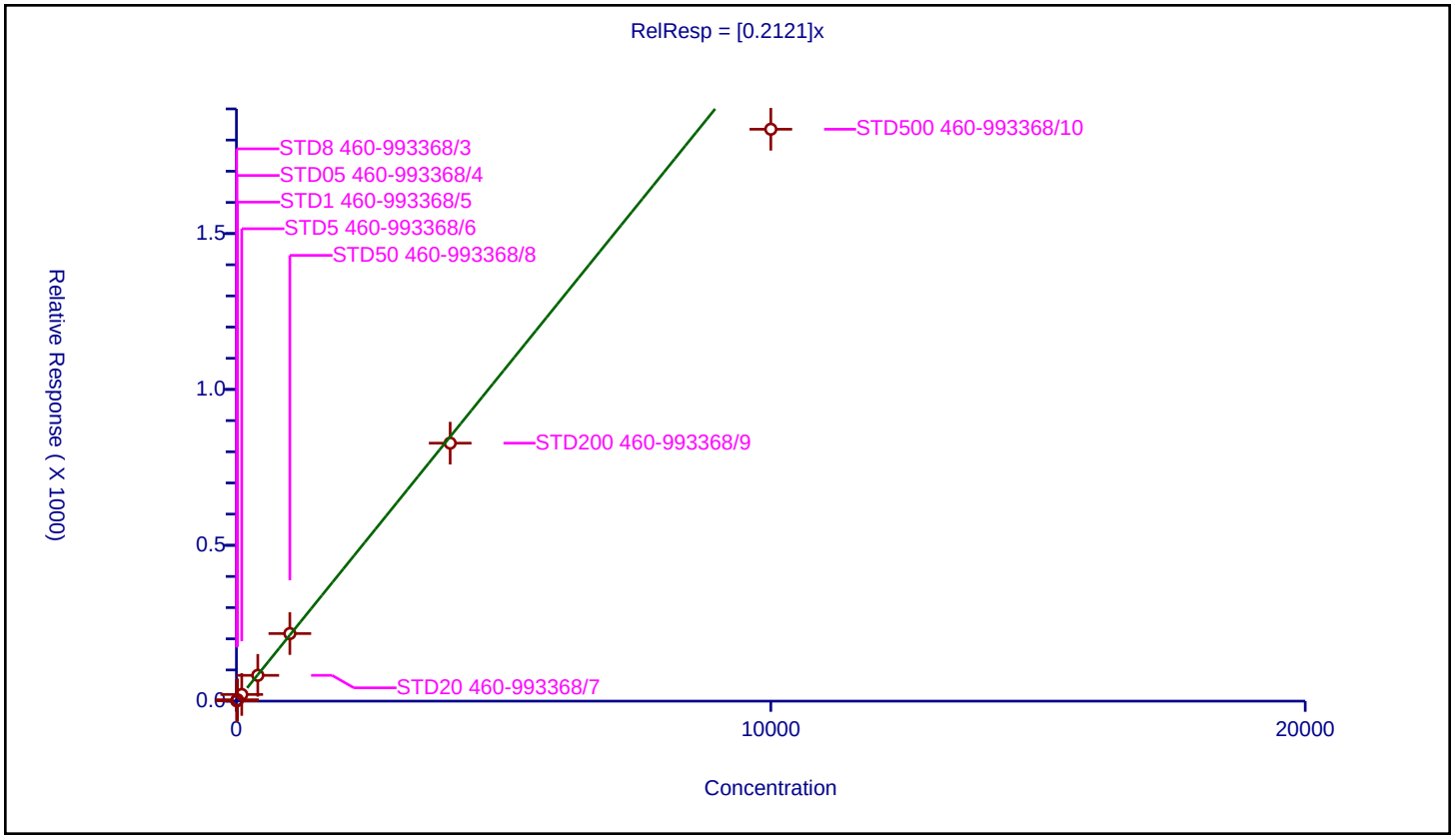
Curve Coefficients

Intercept:	0
Slope:	0.2121

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	5.000009	1.098436	250.0	419005.0	0.219687	Y
2	STD05 460-993368/4	10.000017	2.269877	250.0	395506.0	0.226987	Y
3	STD1 460-993368/5	20.000035	4.441459	250.0	398180.0	0.222073	Y
4	STD5 460-993368/6	100.000173	21.381361	250.0	406838.0	0.213813	Y
5	STD20 460-993368/7	400.000692	82.793073	250.0	409216.0	0.206982	Y
6	STD50 460-993368/8	1000.00173	216.848215	250.0	425965.0	0.216848	Y
7	STD200 460-993368/9	4000.00692	827.64621	250.0	444806.0	0.206911	Y
8	STD500 460-993368/10	10000.0173	1834.743331	250.0	496691.0	0.183474	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

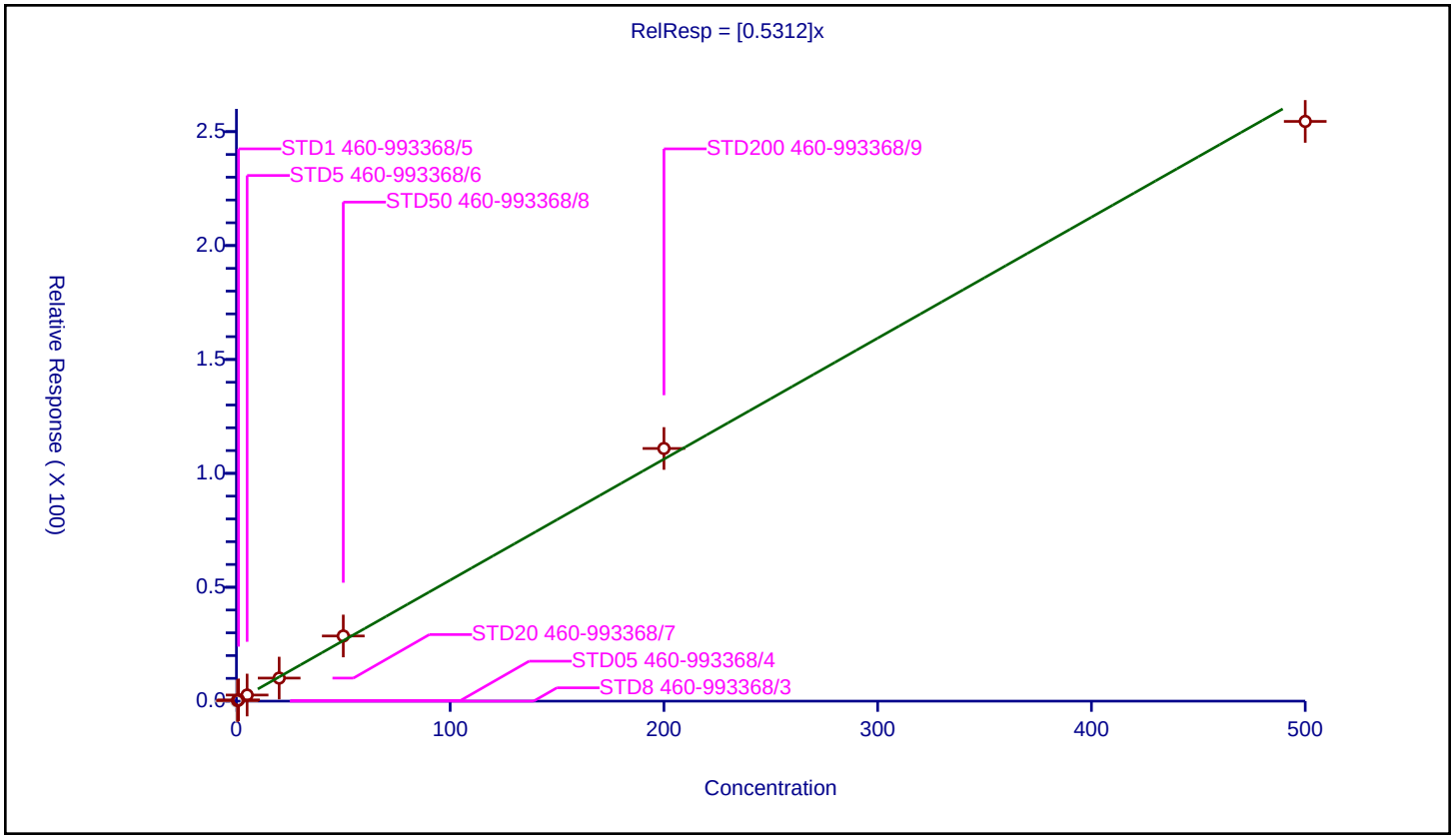
Curve Coefficients

Intercept:	0
Slope:	0.5312

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.248067	50.0	529898.0	0.496133	Y
3	STD1 460-993368/5	1.0	0.543838	50.0	522214.0	0.543838	Y
4	STD5 460-993368/6	5.0	2.681196	50.0	538603.0	0.536239	Y
5	STD20 460-993368/7	20.0	10.125566	50.0	533106.0	0.506278	Y
6	STD50 460-993368/8	50.0	28.603349	50.0	539727.0	0.572067	Y
7	STD200 460-993368/9	200.0	110.918795	50.0	572119.0	0.554594	Y
8	STD500 460-993368/10	500.0	254.503323	50.0	611293.0	0.509007	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

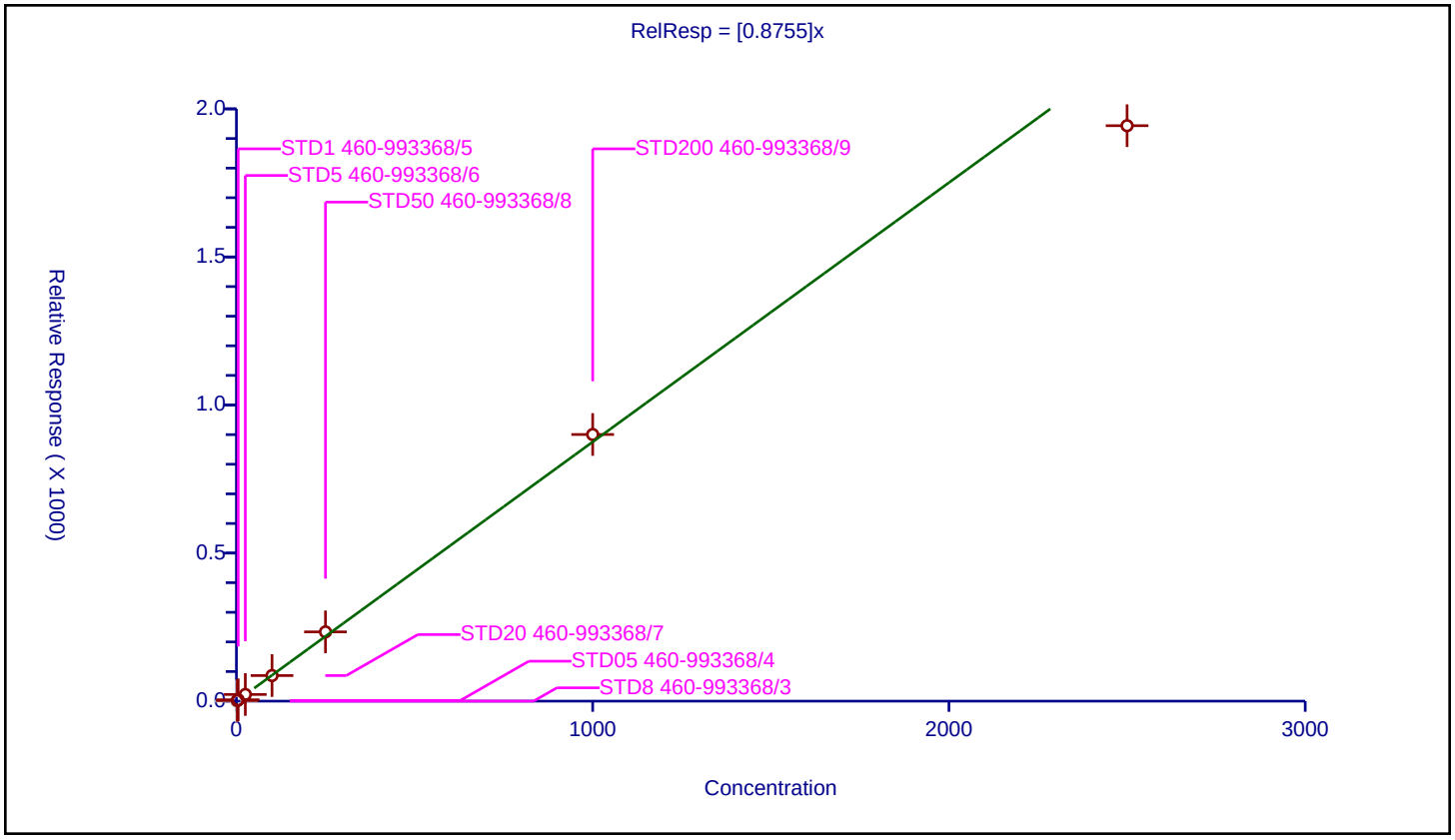
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.055595	250.0	395506.0	0.822238	Y
3	STD1 460-993368/5	5.0	4.634839	250.0	398180.0	0.926968	Y
4	STD5 460-993368/6	25.0	22.5446	250.0	406838.0	0.901784	Y
5	STD20 460-993368/7	100.0	86.396915	250.0	409216.0	0.863969	Y
6	STD50 460-993368/8	250.0	233.873088	250.0	425965.0	0.935492	Y
7	STD200 460-993368/9	1000.0	900.43075	250.0	444806.0	0.900431	Y
8	STD500 460-993368/10	2500.0	1943.216708	250.0	496691.0	0.777287	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

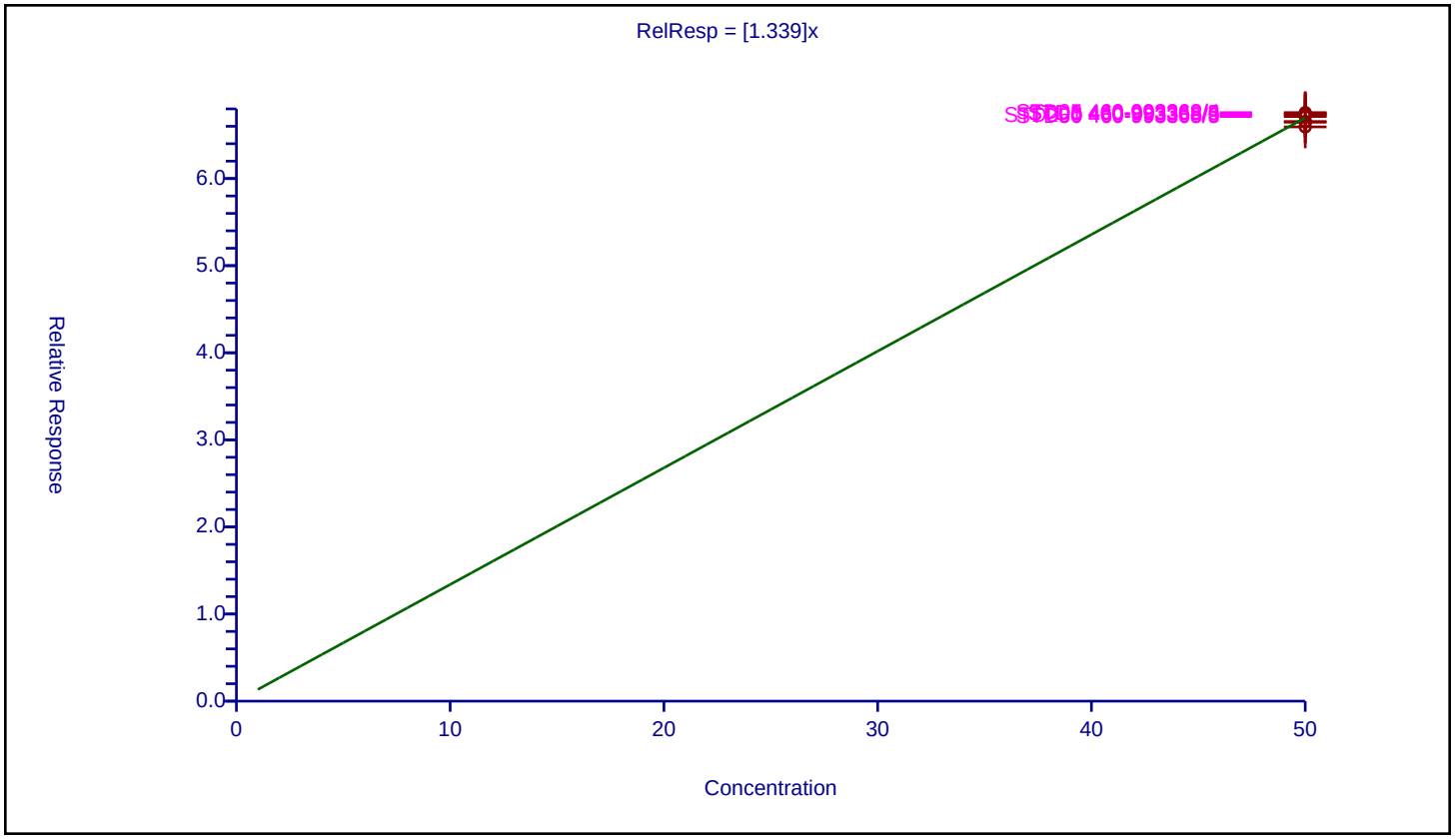
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	67.437362	50.0	565550.0	1.348747	Y
2	STD05 460-993368/4	50.0	67.570457	50.0	529898.0	1.351409	Y
3	STD1 460-993368/5	50.0	67.425615	50.0	522214.0	1.348512	Y
4	STD5 460-993368/6	50.0	65.934092	50.0	538603.0	1.318682	Y
5	STD20 460-993368/7	50.0	66.471959	50.0	533106.0	1.329439	Y
6	STD50 460-993368/8	50.0	67.12097	50.0	539727.0	1.342419	Y
7	STD200 460-993368/9	50.0	67.233565	50.0	572119.0	1.344671	Y
8	STD500 460-993368/10	50.0	66.546566	50.0	611293.0	1.330931	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

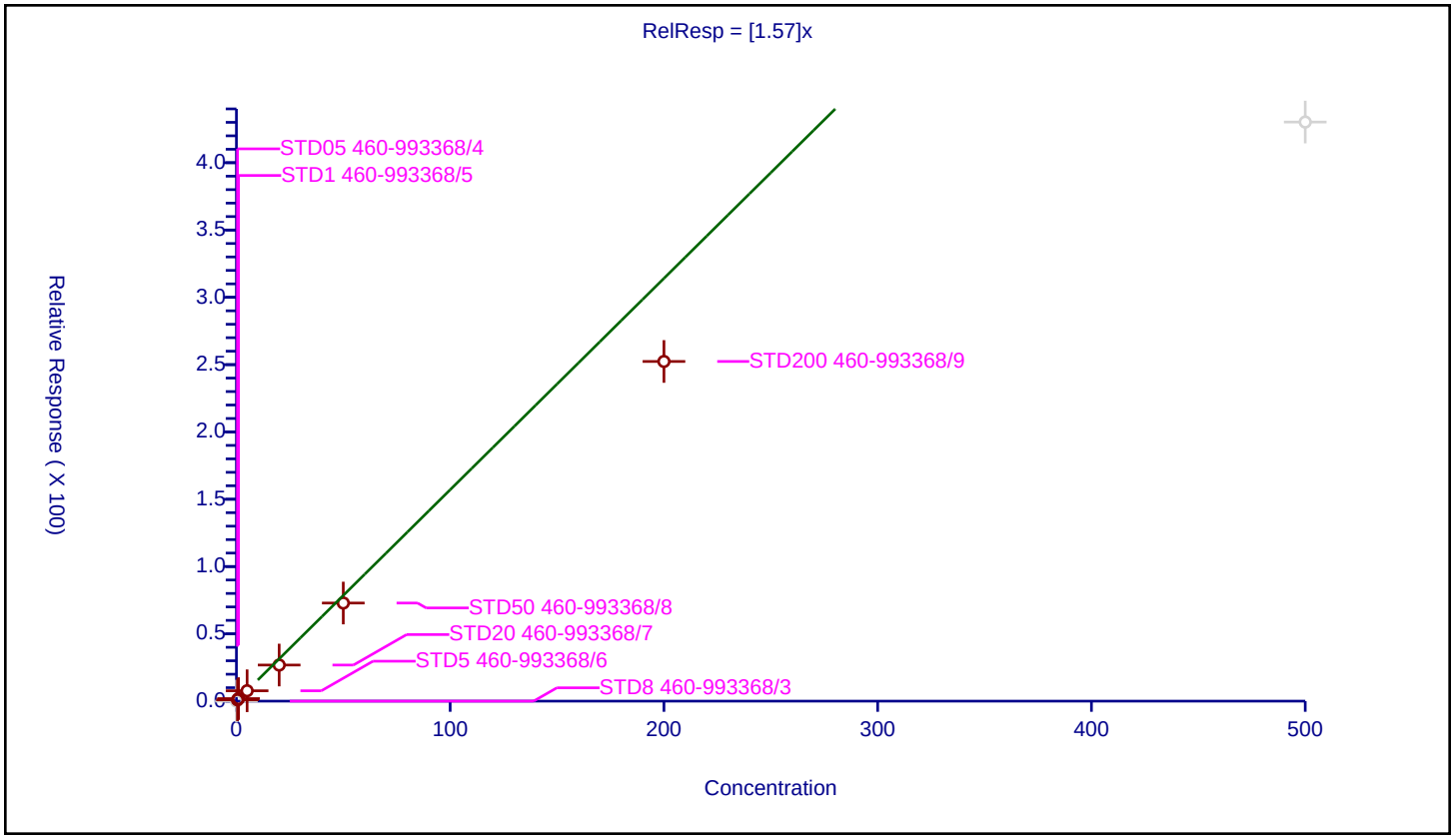
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.967733	50.0	529898.0	1.935467	Y
3	STD1 460-993368/5	1.0	1.885434	50.0	522214.0	1.885434	Y
4	STD5 460-993368/6	5.0	7.707532	50.0	538603.0	1.541506	Y
5	STD20 460-993368/7	20.0	26.816337	50.0	533106.0	1.340817	Y
6	STD50 460-993368/8	50.0	72.890461	50.0	539727.0	1.457809	Y
7	STD200 460-993368/9	200.0	252.352832	50.0	572119.0	1.261764	Y
8	STD500 460-993368/10	500.0	430.222168	50.0	611293.0	0.860444	N



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

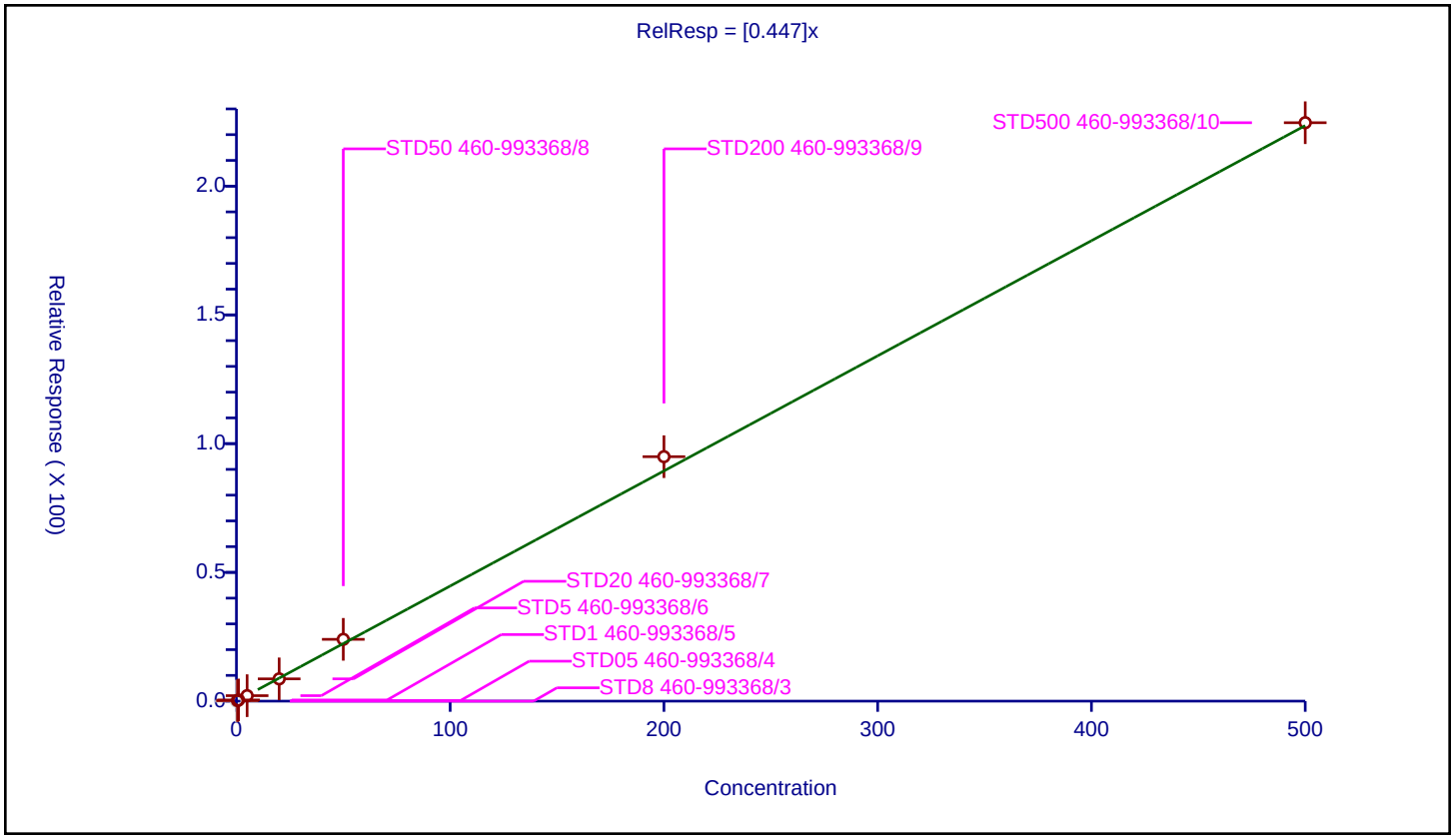
Curve Coefficients

Intercept:	0
Slope:	0.447

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.210795	50.0	529898.0	0.421591	Y
3	STD1 460-993368/5	1.0	0.445603	50.0	522214.0	0.445603	Y
4	STD5 460-993368/6	5.0	2.128005	50.0	538603.0	0.425601	Y
5	STD20 460-993368/7	20.0	8.649312	50.0	533106.0	0.432466	Y
6	STD50 460-993368/8	50.0	24.003802	50.0	539727.0	0.480076	Y
7	STD200 460-993368/9	200.0	94.933222	50.0	572119.0	0.474666	Y
8	STD500 460-993368/10	500.0	224.636385	50.0	611293.0	0.449273	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

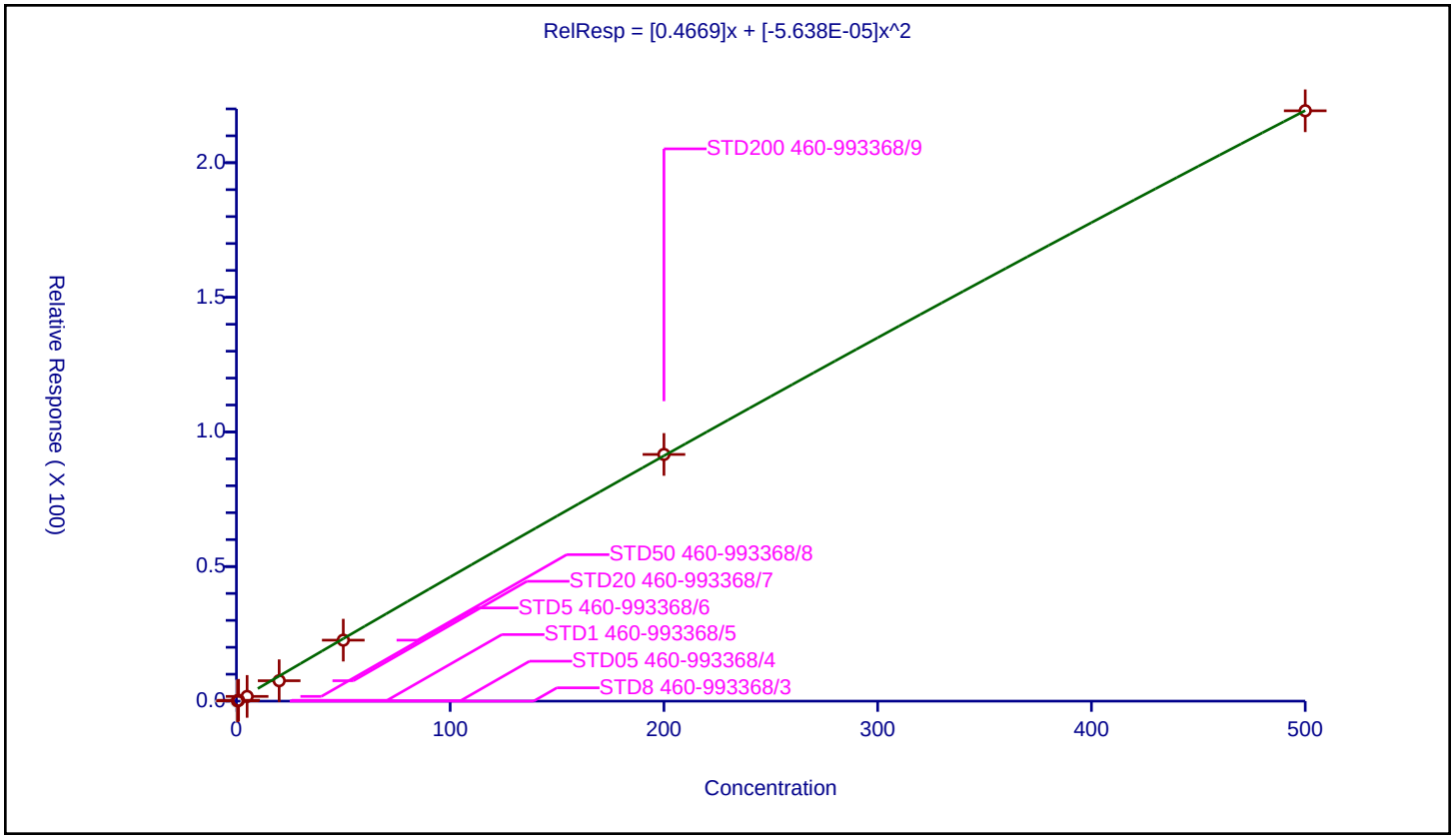
Curve Coefficients

Intercept:	0
Slope:	0.4669
Second Order:	-5.638E-05

Error Coefficients

Relative Standard Deviation:	29.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.120117	50.0	529898.0	0.240235	Y
3	STD1 460-993368/5	1.0	0.310505	50.0	522214.0	0.310505	Y
4	STD5 460-993368/6	5.0	1.752682	50.0	538603.0	0.350536	Y
5	STD20 460-993368/7	20.0	7.584514	50.0	533106.0	0.379226	Y
6	STD50 460-993368/8	50.0	22.650062	50.0	539727.0	0.453001	Y
7	STD200 460-993368/9	200.0	91.643609	50.0	572119.0	0.458218	Y
8	STD500 460-993368/10	500.0	219.301219	50.0	611293.0	0.438602	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

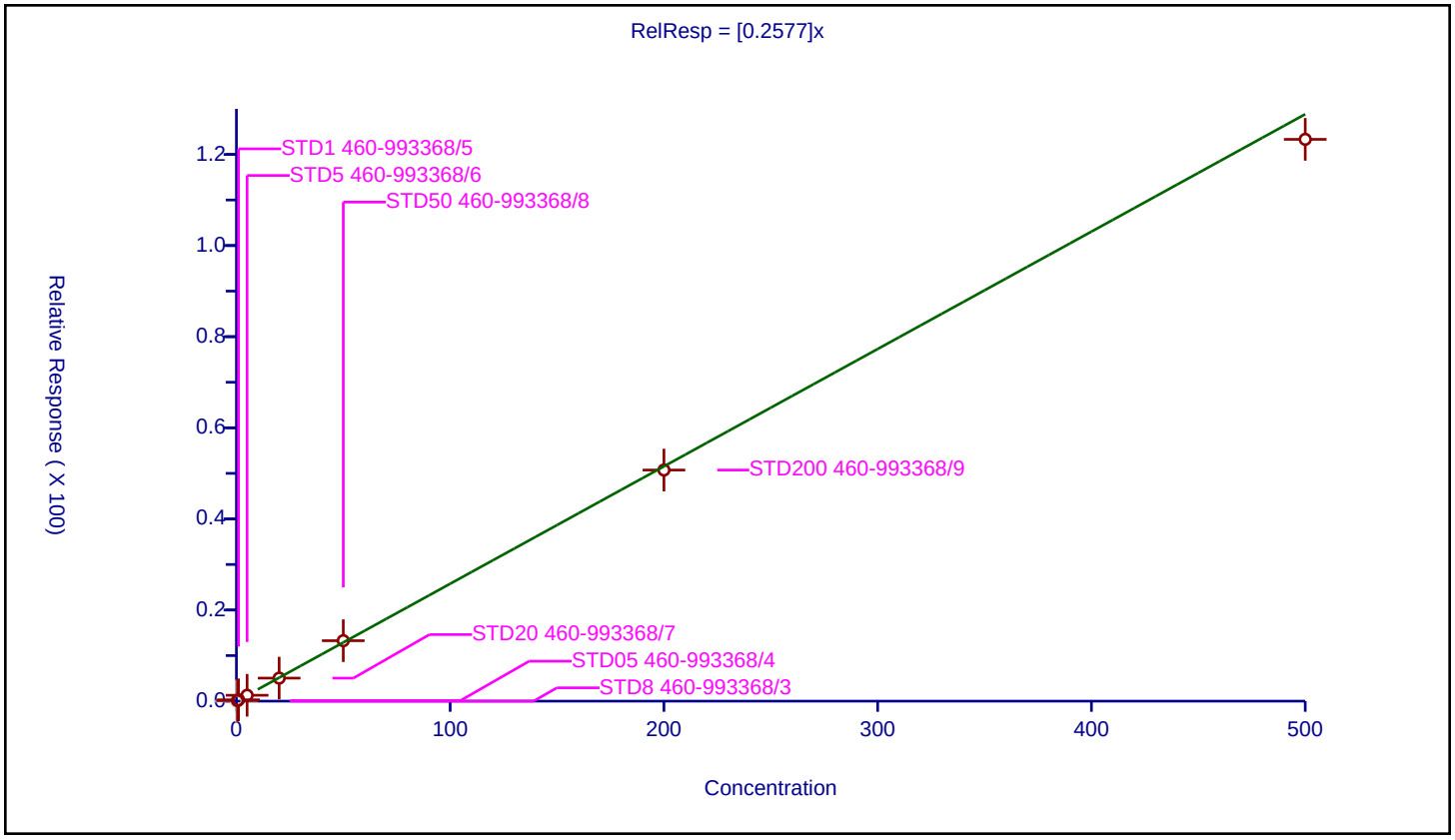
Curve Coefficients

Intercept:	0
Slope:	0.2577

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.117947	50.0	529898.0	0.235894	Y
3	STD1 460-993368/5	1.0	0.291164	50.0	522214.0	0.291164	Y
4	STD5 460-993368/6	5.0	1.291396	50.0	538603.0	0.258279	Y
5	STD20 460-993368/7	20.0	5.053592	50.0	533106.0	0.25268	Y
6	STD50 460-993368/8	50.0	13.268004	50.0	539727.0	0.26536	Y
7	STD200 460-993368/9	200.0	50.726684	50.0	572119.0	0.253633	Y
8	STD500 460-993368/10	500.0	123.312552	50.0	611293.0	0.246625	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

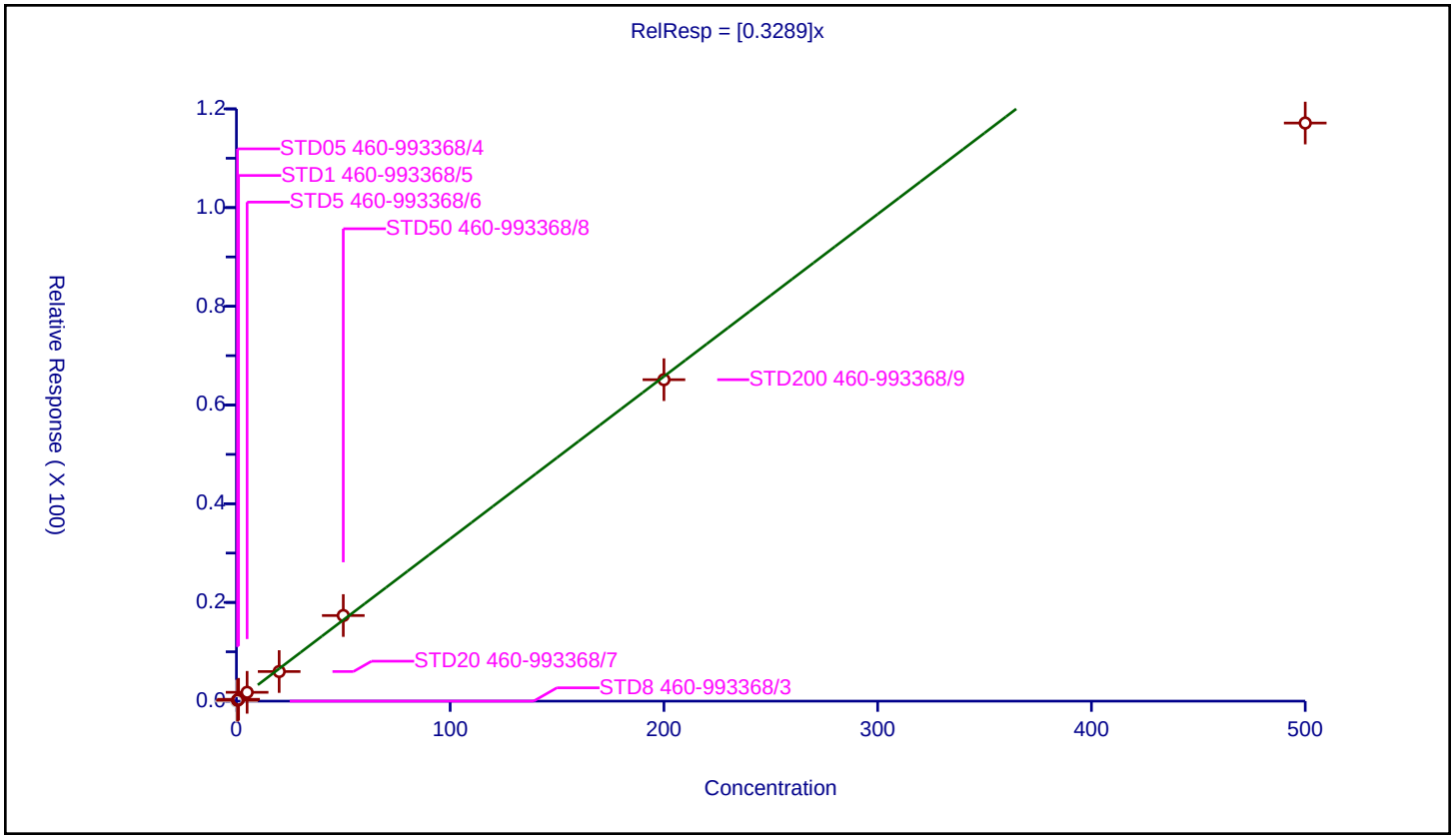
Curve Coefficients

Intercept:	0
Slope:	0.3289

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.184092	50.0	529898.0	0.368184	Y
3	STD1 460-993368/5	1.0	0.370059	50.0	522214.0	0.370059	Y
4	STD5 460-993368/6	5.0	1.787495	50.0	538603.0	0.357499	Y
5	STD20 460-993368/7	20.0	5.997119	50.0	533106.0	0.299856	Y
6	STD50 460-993368/8	50.0	17.346918	50.0	539727.0	0.346938	Y
7	STD200 460-993368/9	200.0	65.132079	50.0	572119.0	0.32566	Y
8	STD500 460-993368/10	500.0	117.131801	50.0	611293.0	0.234264	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

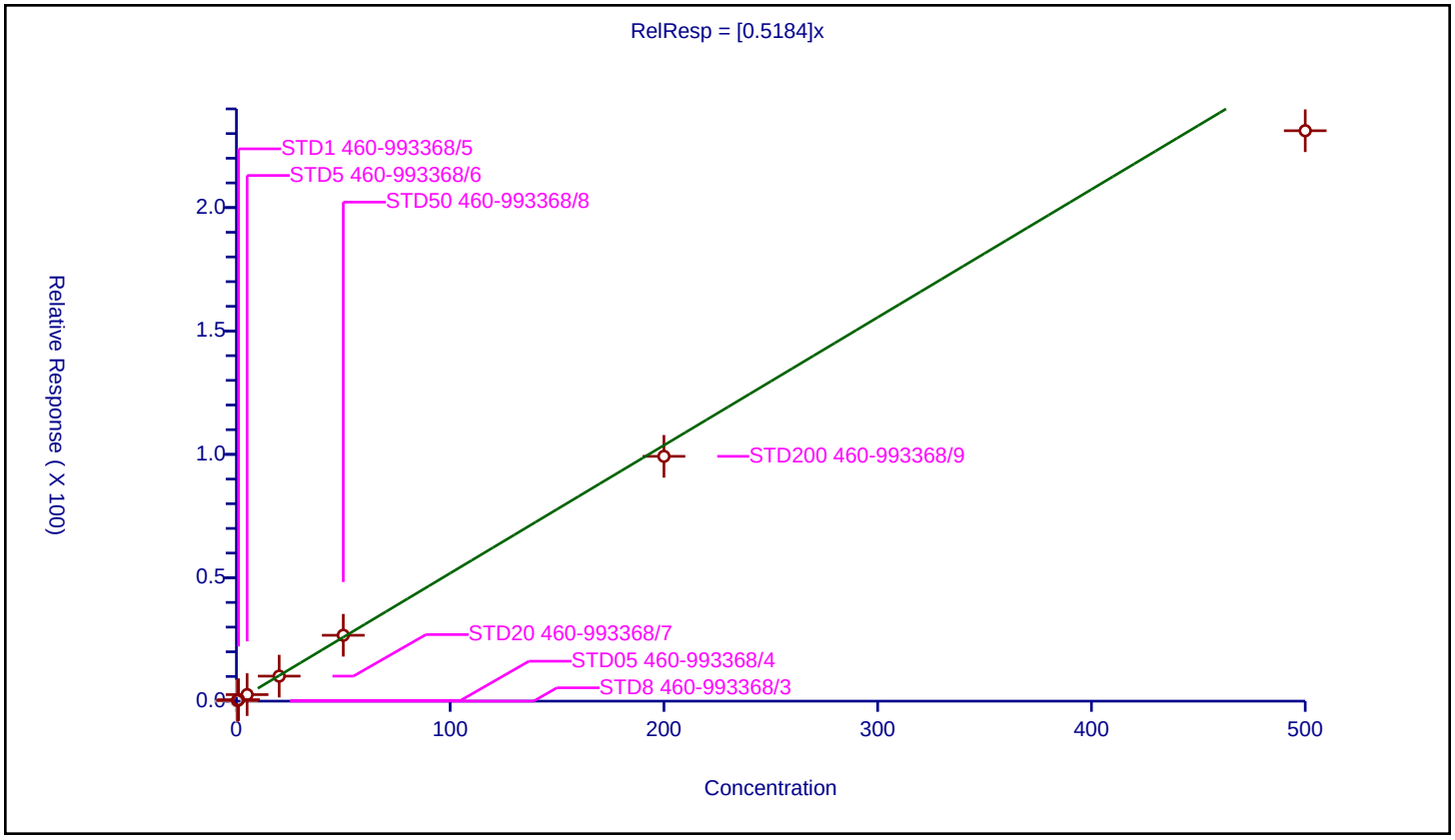
Curve Coefficients

Intercept:	0
Slope:	0.5184

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.257219	50.0	529898.0	0.514439	Y
3	STD1 460-993368/5	1.0	0.585488	50.0	522214.0	0.585488	Y
4	STD5 460-993368/6	5.0	2.648611	50.0	538603.0	0.529722	Y
5	STD20 460-993368/7	20.0	10.138228	50.0	533106.0	0.506911	Y
6	STD50 460-993368/8	50.0	26.692198	50.0	539727.0	0.533844	Y
7	STD200 460-993368/9	200.0	99.20742	50.0	572119.0	0.496037	Y
8	STD500 460-993368/10	500.0	231.154373	50.0	611293.0	0.462309	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

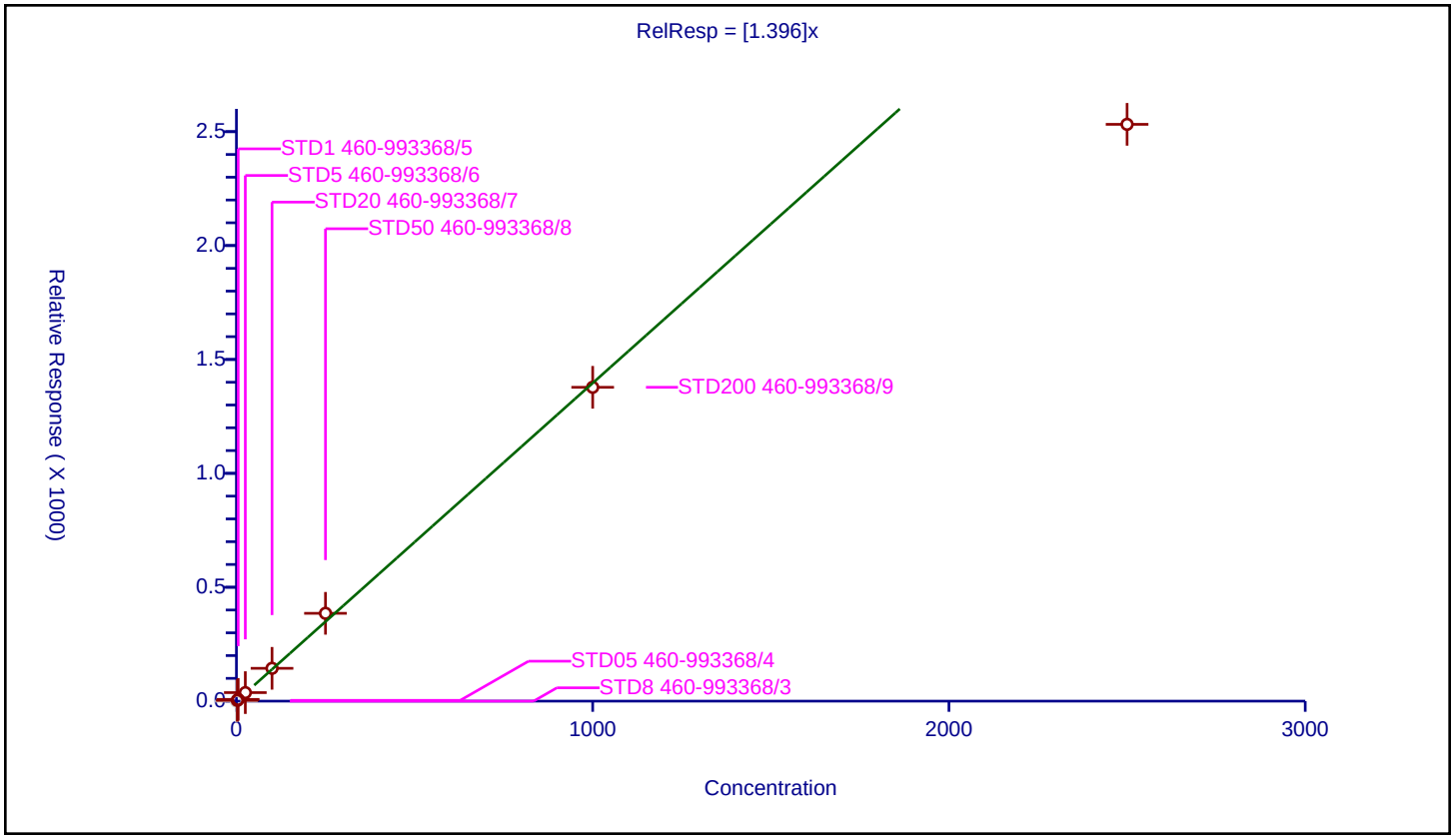
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	3.417774	250.0	395506.0	1.367109	Y
3	STD1 460-993368/5	5.0	7.668642	250.0	398180.0	1.533728	Y
4	STD5 460-993368/6	25.0	37.475605	250.0	406838.0	1.499024	Y
5	STD20 460-993368/7	100.0	144.112767	250.0	409216.0	1.441128	Y
6	STD50 460-993368/8	250.0	385.613255	250.0	425965.0	1.542453	Y
7	STD200 460-993368/9	1000.0	1377.829885	250.0	444806.0	1.37783	Y
8	STD500 460-993368/10	2500.0	2532.1699	250.0	496691.0	1.012868	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

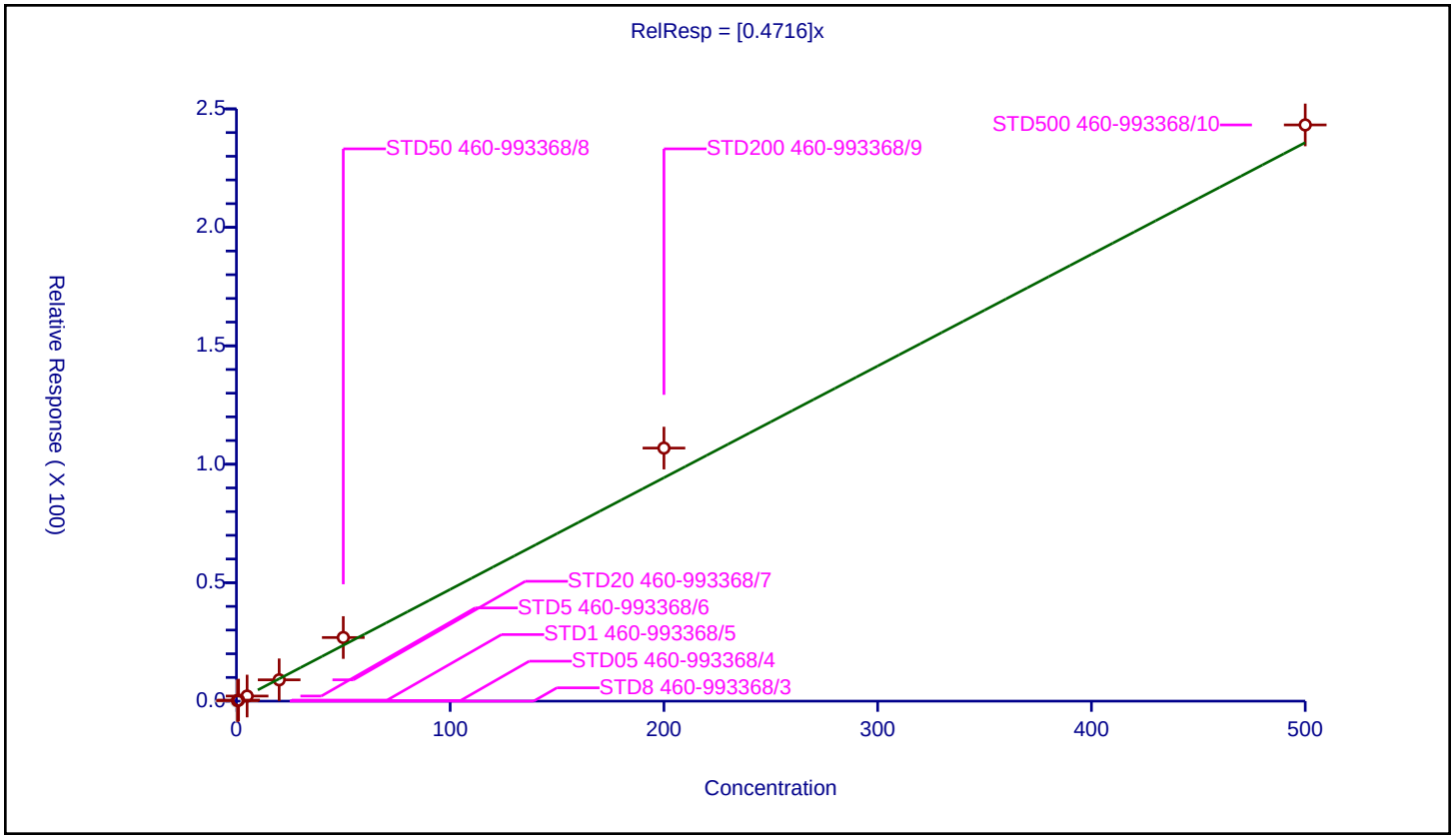
Curve Coefficients

Intercept:	0
Slope:	0.4716

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.215985	50.0	529898.0	0.43197	Y
3	STD1 460-993368/5	1.0	0.43172	50.0	522214.0	0.43172	Y
4	STD5 460-993368/6	5.0	2.147593	50.0	538603.0	0.429519	Y
5	STD20 460-993368/7	20.0	9.000274	50.0	533106.0	0.450014	Y
6	STD50 460-993368/8	50.0	26.854224	50.0	539727.0	0.537084	Y
7	STD200 460-993368/9	200.0	106.817987	50.0	572119.0	0.53409	Y
8	STD500 460-993368/10	500.0	243.228534	50.0	611293.0	0.486457	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

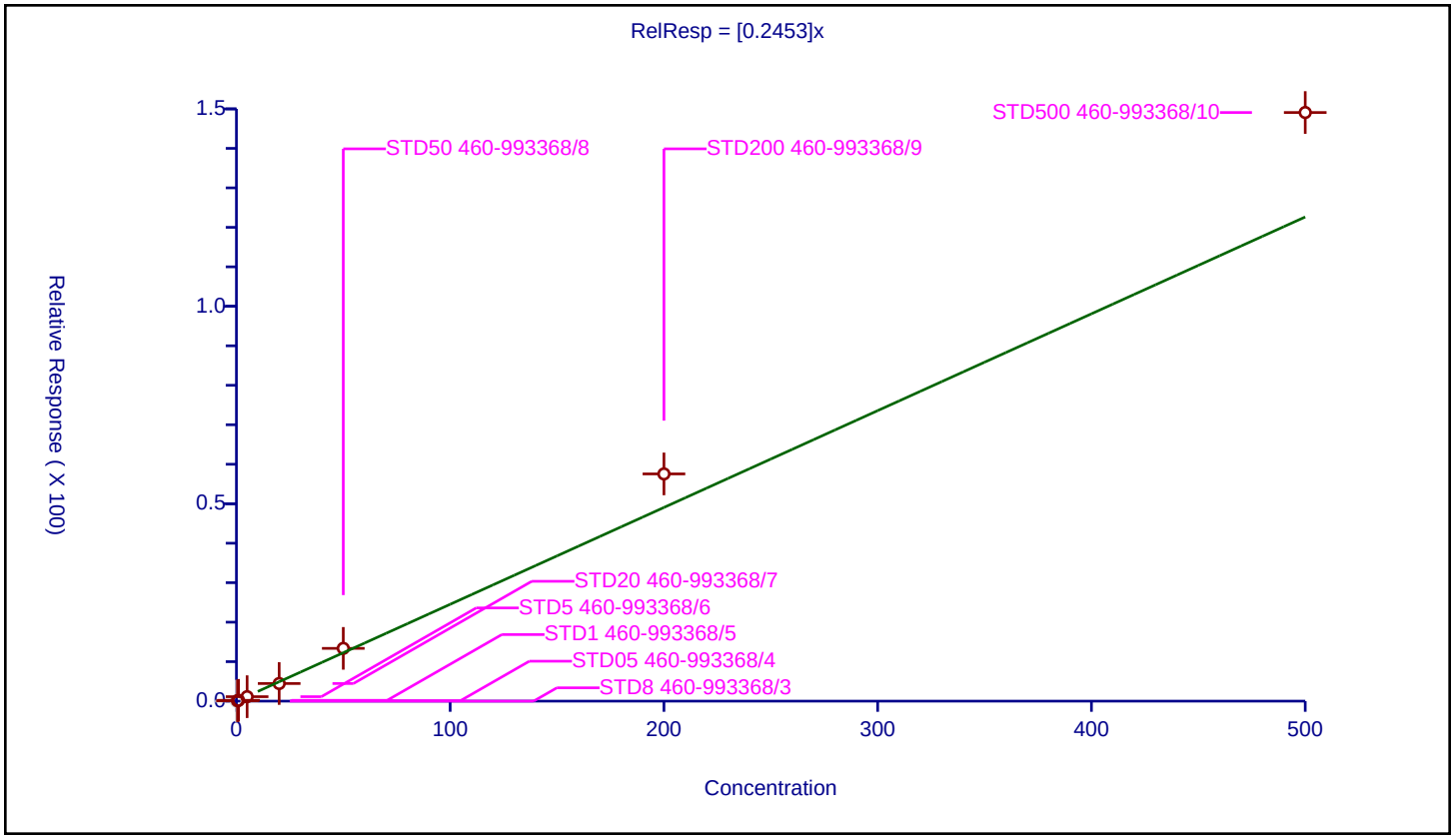
Curve Coefficients

Intercept:	0
Slope:	0.2453

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.102944	50.0	529898.0	0.205889	Y
3	STD1 460-993368/5	1.0	0.208822	50.0	522214.0	0.208822	Y
4	STD5 460-993368/6	5.0	1.128939	50.0	538603.0	0.225788	Y
5	STD20 460-993368/7	20.0	4.459995	50.0	533106.0	0.223	Y
6	STD50 460-993368/8	50.0	13.368888	50.0	539727.0	0.267378	Y
7	STD200 460-993368/9	200.0	57.549828	50.0	572119.0	0.287749	Y
8	STD500 460-993368/10	500.0	149.081128	50.0	611293.0	0.298162	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

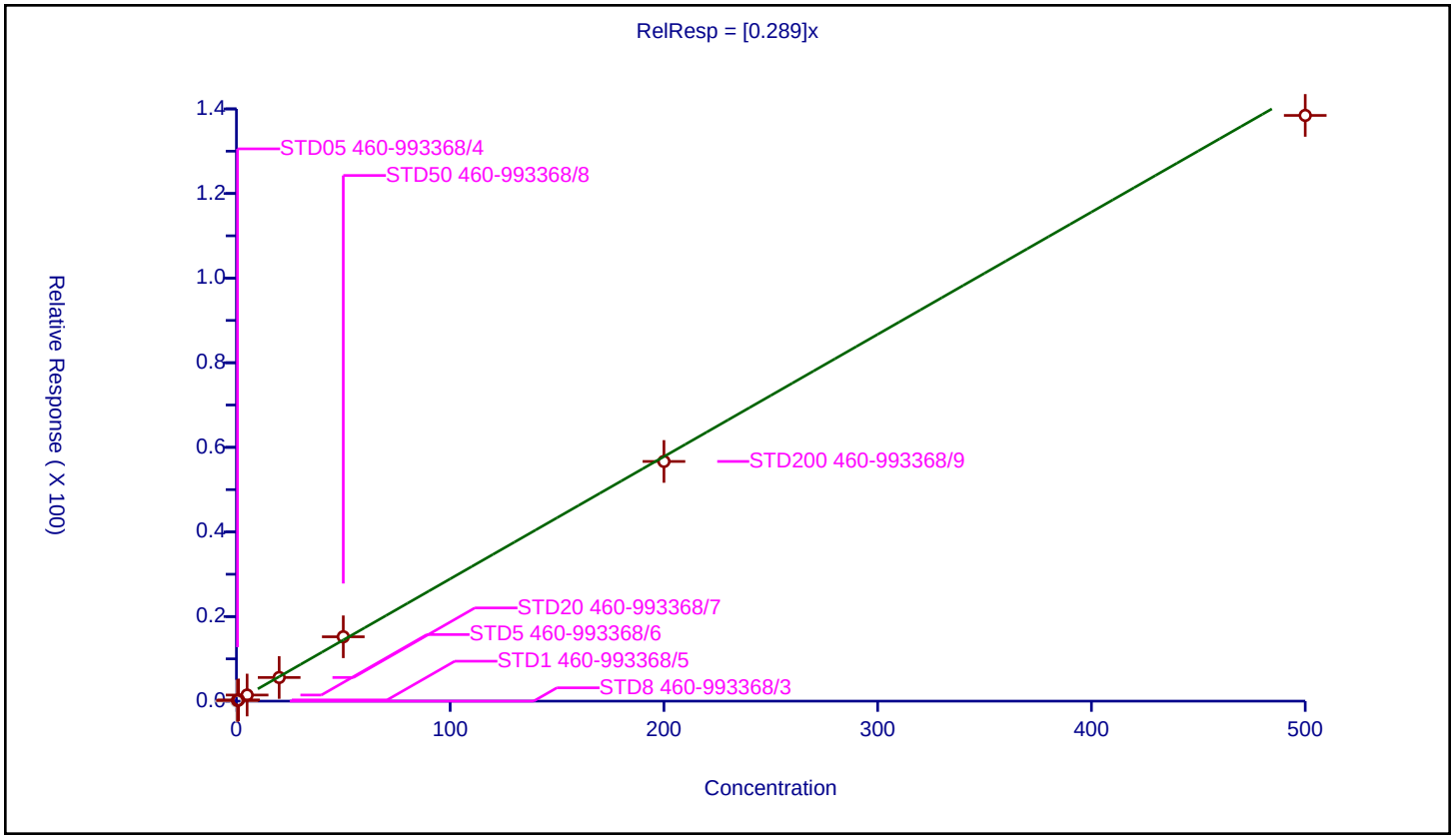
Curve Coefficients

Intercept:	0
Slope:	0.289

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.152954	50.0	529898.0	0.305908	Y
3	STD1 460-993368/5	1.0	0.284845	50.0	522214.0	0.284845	Y
4	STD5 460-993368/6	5.0	1.442343	50.0	538603.0	0.288469	Y
5	STD20 460-993368/7	20.0	5.588382	50.0	533106.0	0.279419	Y
6	STD50 460-993368/8	50.0	15.213803	50.0	539727.0	0.304276	Y
7	STD200 460-993368/9	200.0	56.659803	50.0	572119.0	0.283299	Y
8	STD500 460-993368/10	500.0	138.454718	50.0	611293.0	0.276909	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

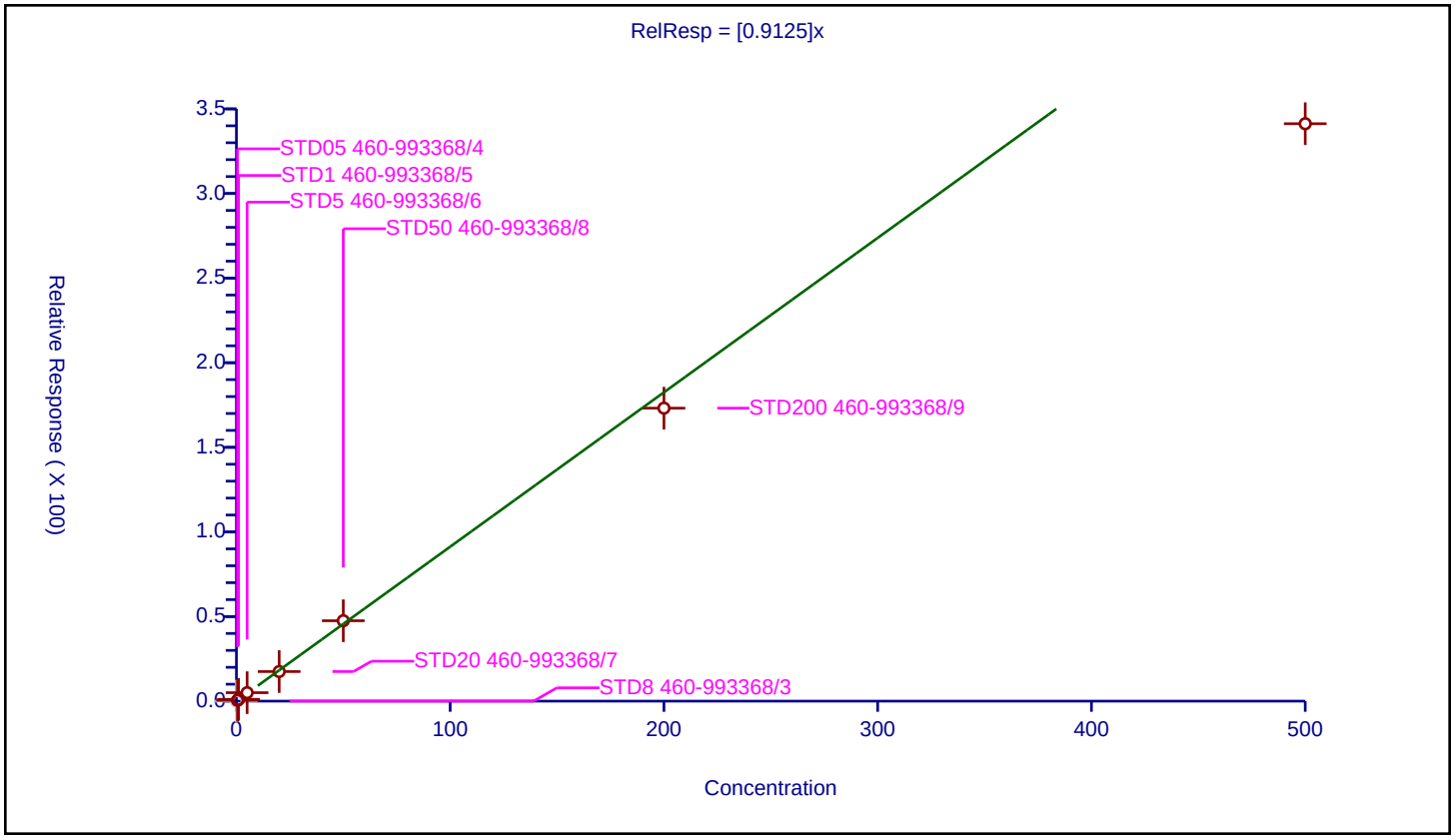
Curve Coefficients

Intercept:	0
Slope:	0.9125

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.476884	50.0	529898.0	0.953768	Y
3	STD1 460-993368/5	1.0	1.060485	50.0	522214.0	1.060485	Y
4	STD5 460-993368/6	5.0	5.004707	50.0	538603.0	1.000941	Y
5	STD20 460-993368/7	20.0	17.478513	50.0	533106.0	0.873926	Y
6	STD50 460-993368/8	50.0	47.512909	50.0	539727.0	0.950258	Y
7	STD200 460-993368/9	200.0	173.144486	50.0	572119.0	0.865722	Y
8	STD500 460-993368/10	500.0	341.24168	50.0	611293.0	0.682483	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

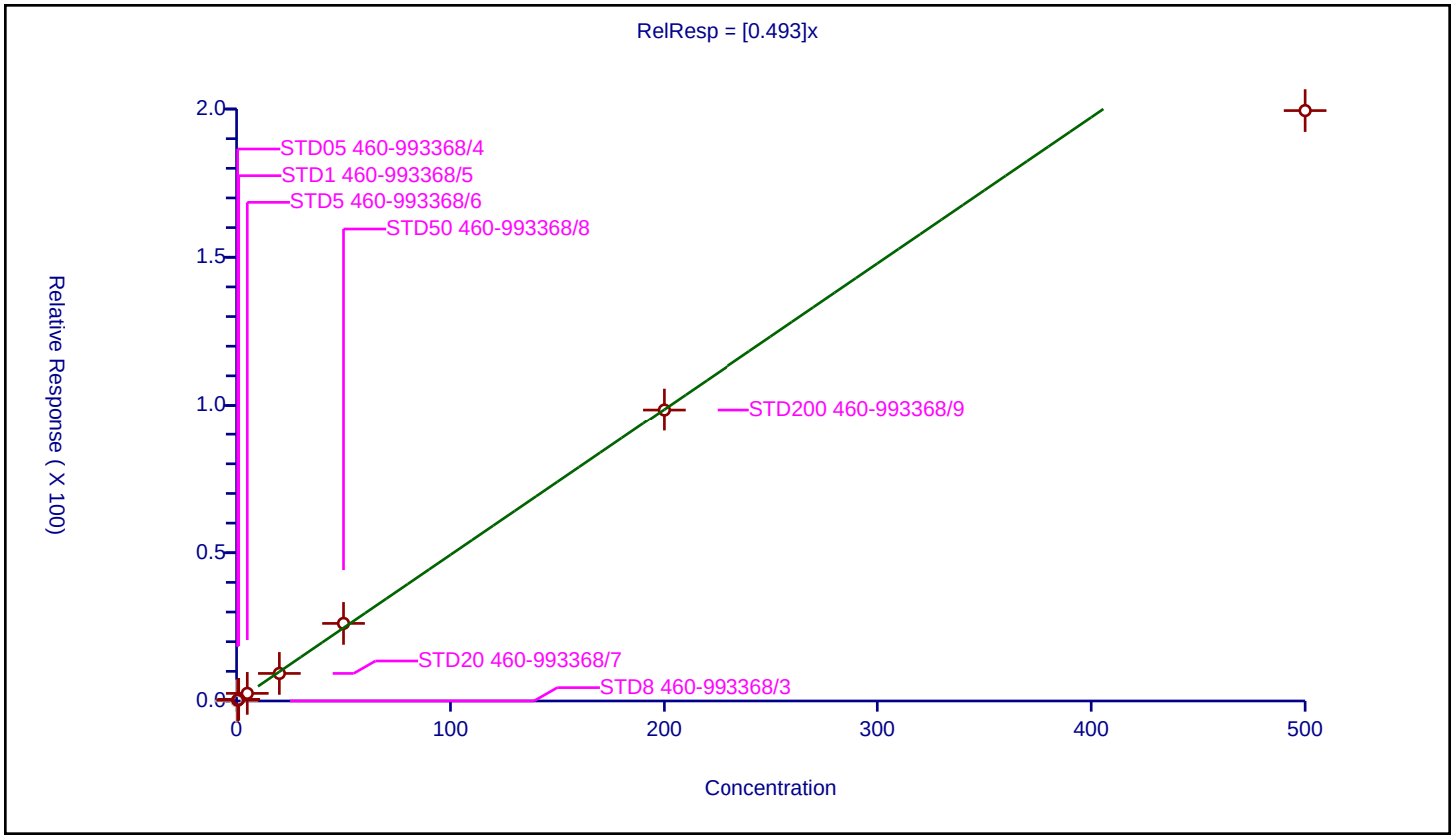
Curve Coefficients

Intercept:	0
Slope:	0.493

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.251275	50.0	529898.0	0.50255	Y
3	STD1 460-993368/5	1.0	0.555232	50.0	522214.0	0.555232	Y
4	STD5 460-993368/6	5.0	2.56794	50.0	538603.0	0.513588	Y
5	STD20 460-993368/7	20.0	9.299089	50.0	533106.0	0.464954	Y
6	STD50 460-993368/8	50.0	26.167674	50.0	539727.0	0.523353	Y
7	STD200 460-993368/9	200.0	98.459848	50.0	572119.0	0.492299	Y
8	STD500 460-993368/10	500.0	199.472103	50.0	611293.0	0.398944	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

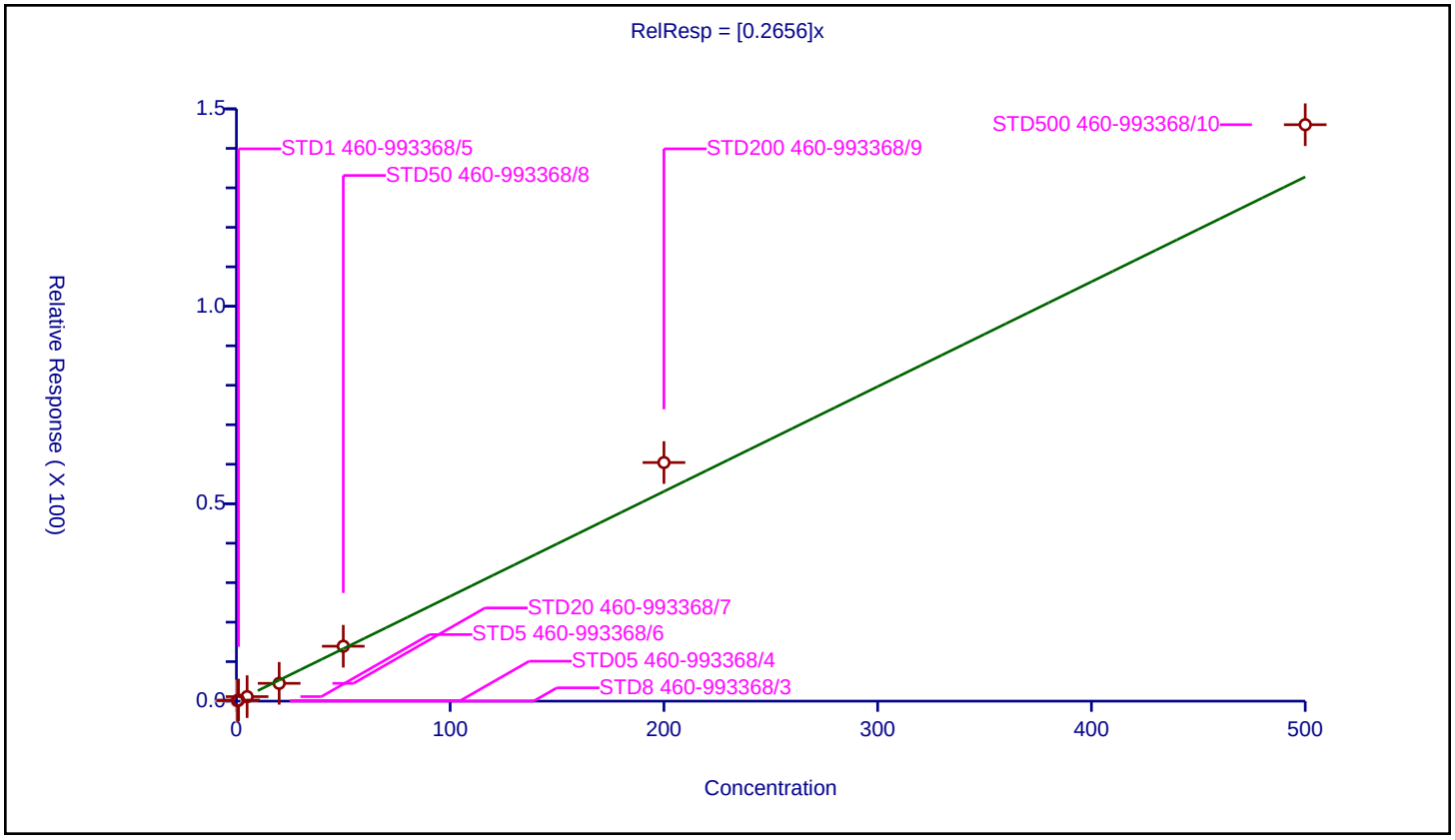
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.131818	50.0	529898.0	0.263636	Y
3	STD1 460-993368/5	1.0	0.269526	50.0	522214.0	0.269526	Y
4	STD5 460-993368/6	5.0	1.140636	50.0	538603.0	0.228127	Y
5	STD20 460-993368/7	20.0	4.507077	50.0	533106.0	0.225354	Y
6	STD50 460-993368/8	50.0	13.905641	50.0	539727.0	0.278113	Y
7	STD200 460-993368/9	200.0	60.429998	50.0	572119.0	0.30215	Y
8	STD500 460-993368/10	500.0	145.990303	50.0	611293.0	0.291981	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

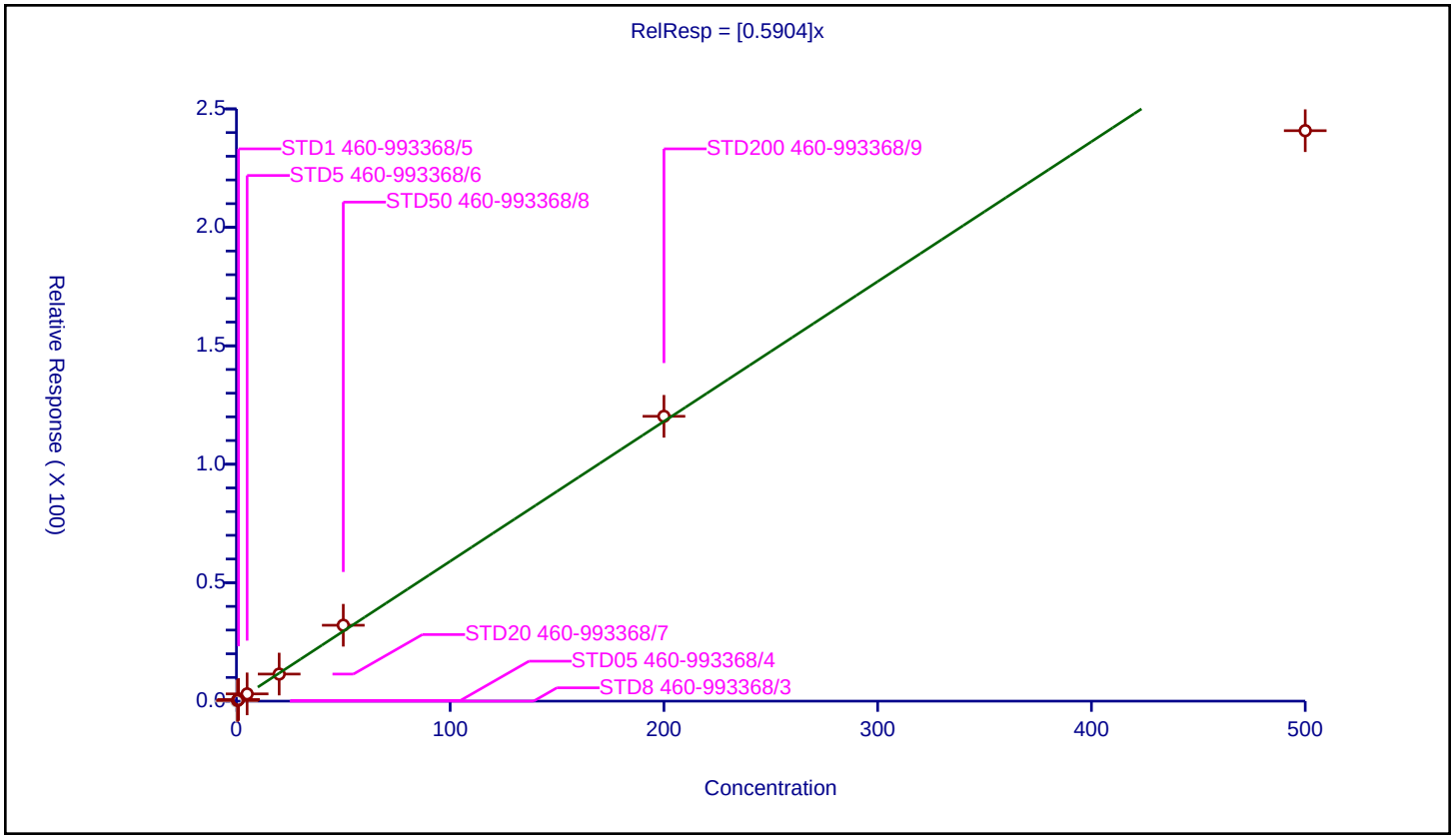
Curve Coefficients

Intercept:	0
Slope:	0.5904

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.272505	50.0	529898.0	0.545011	Y
3	STD1 460-993368/5	1.0	0.680372	50.0	522214.0	0.680372	Y
4	STD5 460-993368/6	5.0	3.065338	50.0	538603.0	0.613068	Y
5	STD20 460-993368/7	20.0	11.424276	50.0	533106.0	0.571214	Y
6	STD50 460-993368/8	50.0	32.033046	50.0	539727.0	0.640661	Y
7	STD200 460-993368/9	200.0	120.230232	50.0	572119.0	0.601151	Y
8	STD500 460-993368/10	500.0	240.806373	50.0	611293.0	0.481613	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

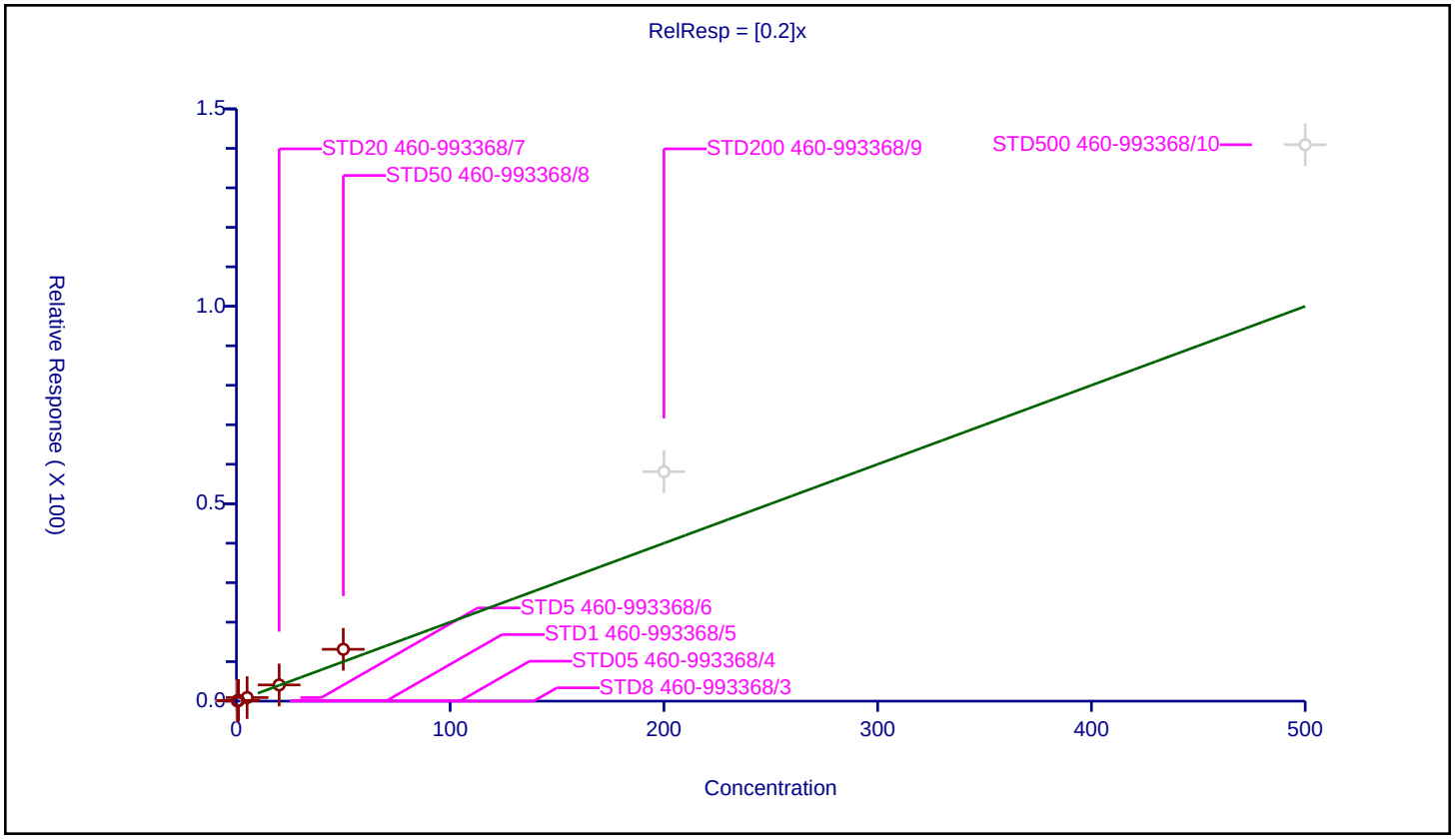
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.084261	50.0	529898.0	0.168523	Y
3	STD1 460-993368/5	1.0	0.183737	50.0	522214.0	0.183737	Y
4	STD5 460-993368/6	5.0	0.899271	50.0	538603.0	0.179854	Y
5	STD20 460-993368/7	20.0	4.104531	50.0	533106.0	0.205227	Y
6	STD50 460-993368/8	50.0	13.131731	50.0	539727.0	0.262635	Y
7	STD200 460-993368/9	200.0	58.112036	50.0	572119.0	0.29056	N
8	STD500 460-993368/10	500.0	140.927673	50.0	611293.0	0.281855	N



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

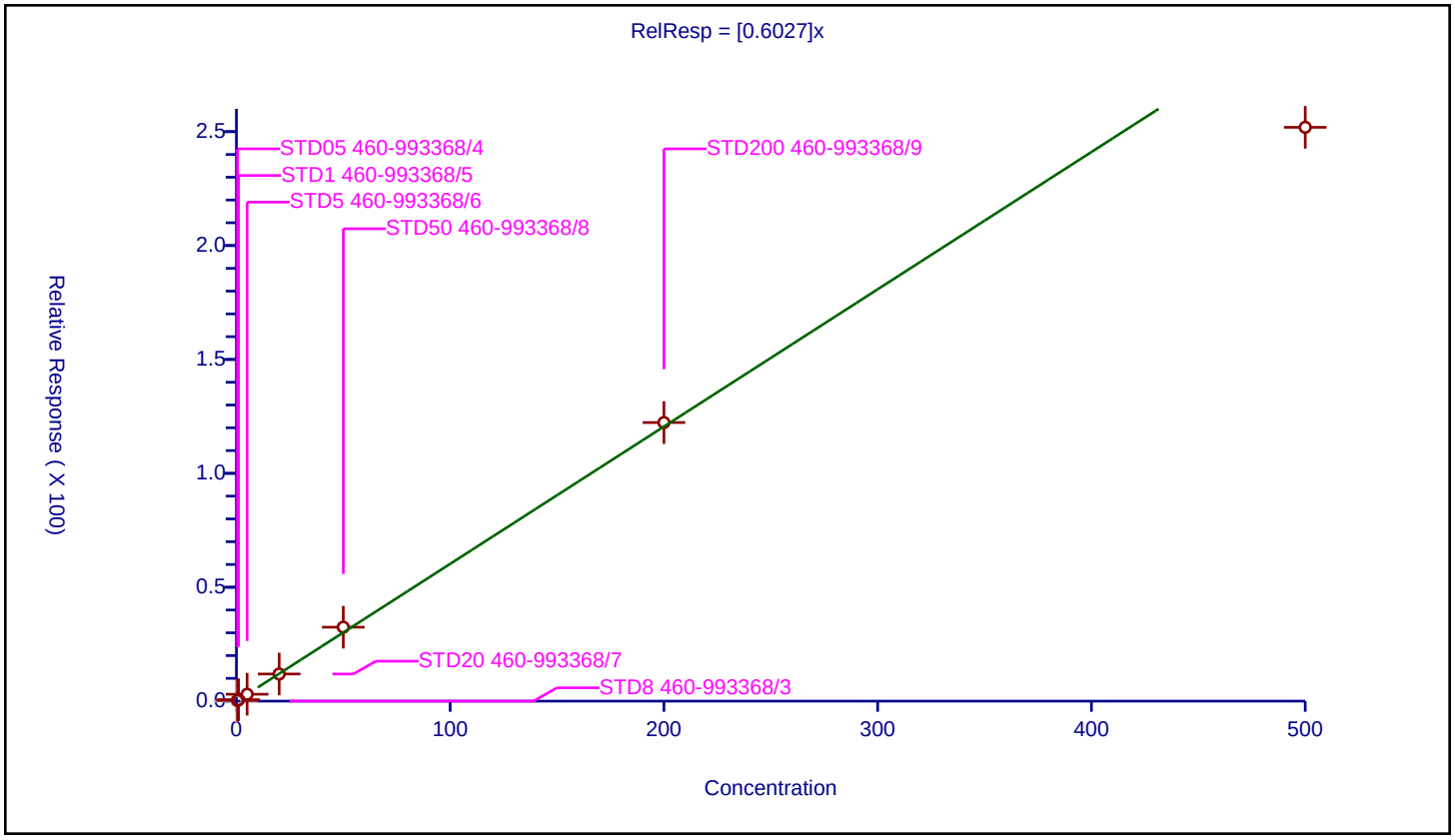
Curve Coefficients

Intercept:	0
Slope:	0.6027

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.30553	50.0	529898.0	0.611061	Y
3	STD1 460-993368/5	1.0	0.640255	50.0	522214.0	0.640255	Y
4	STD5 460-993368/6	5.0	3.036281	50.0	538603.0	0.607256	Y
5	STD20 460-993368/7	20.0	11.91114	50.0	533106.0	0.595557	Y
6	STD50 460-993368/8	50.0	32.463912	50.0	539727.0	0.649278	Y
7	STD200 460-993368/9	200.0	122.304713	50.0	572119.0	0.611524	Y
8	STD500 460-993368/10	500.0	251.903833	50.0	611293.0	0.503808	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

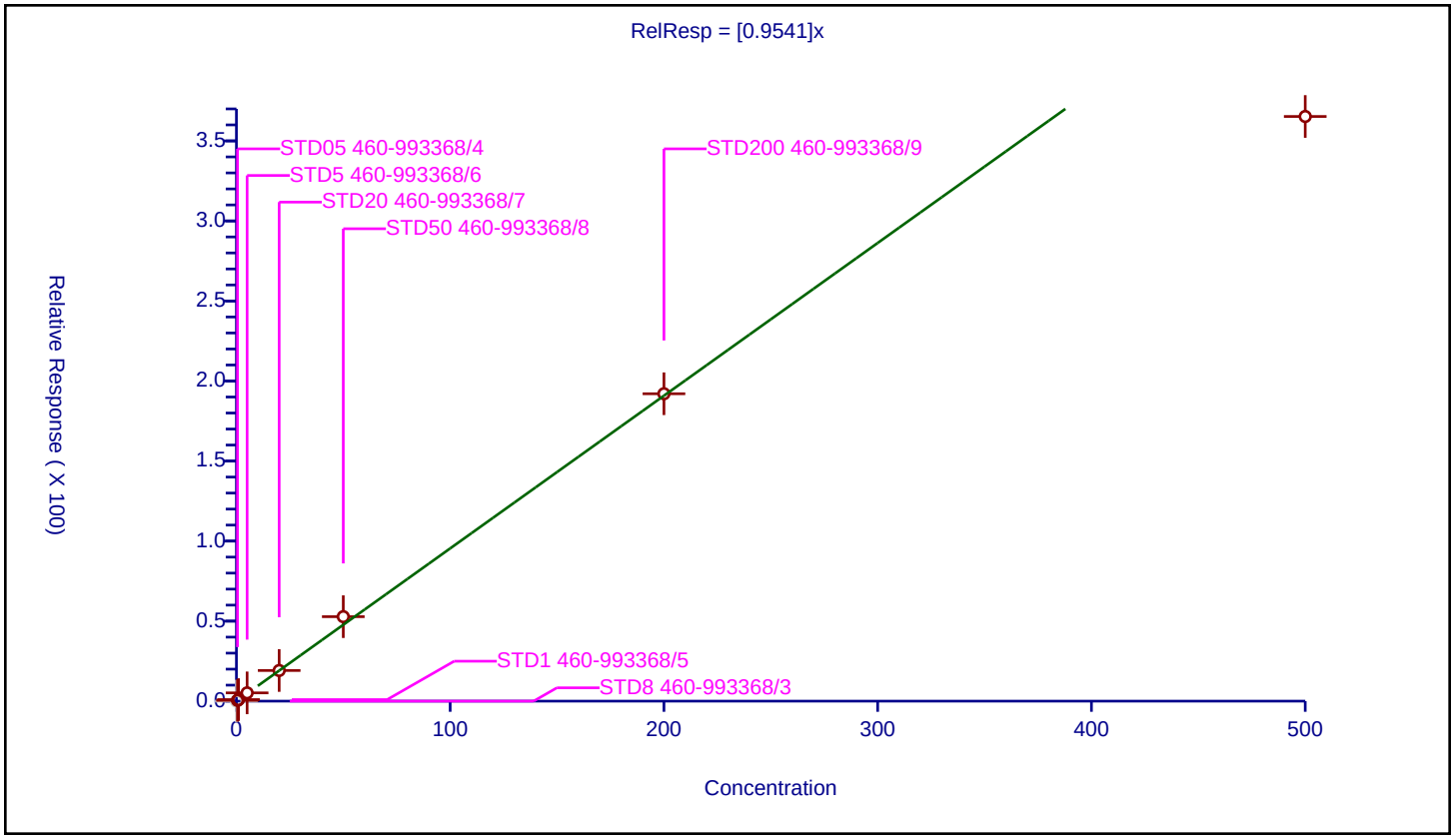
Curve Coefficients

Intercept:	0
Slope:	0.9541

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.49368	50.0	529898.0	0.98736	Y
3	STD1 460-993368/5	1.0	0.953728	50.0	522214.0	0.953728	Y
4	STD5 460-993368/6	5.0	5.172177	50.0	538603.0	1.034435	Y
5	STD20 460-993368/7	20.0	19.14094	50.0	533106.0	0.957047	Y
6	STD50 460-993368/8	50.0	52.773069	50.0	539727.0	1.055461	Y
7	STD200 460-993368/9	200.0	192.047721	50.0	572119.0	0.960239	Y
8	STD500 460-993368/10	500.0	365.257577	50.0	611293.0	0.730515	Y



Calibration / Bromoform

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

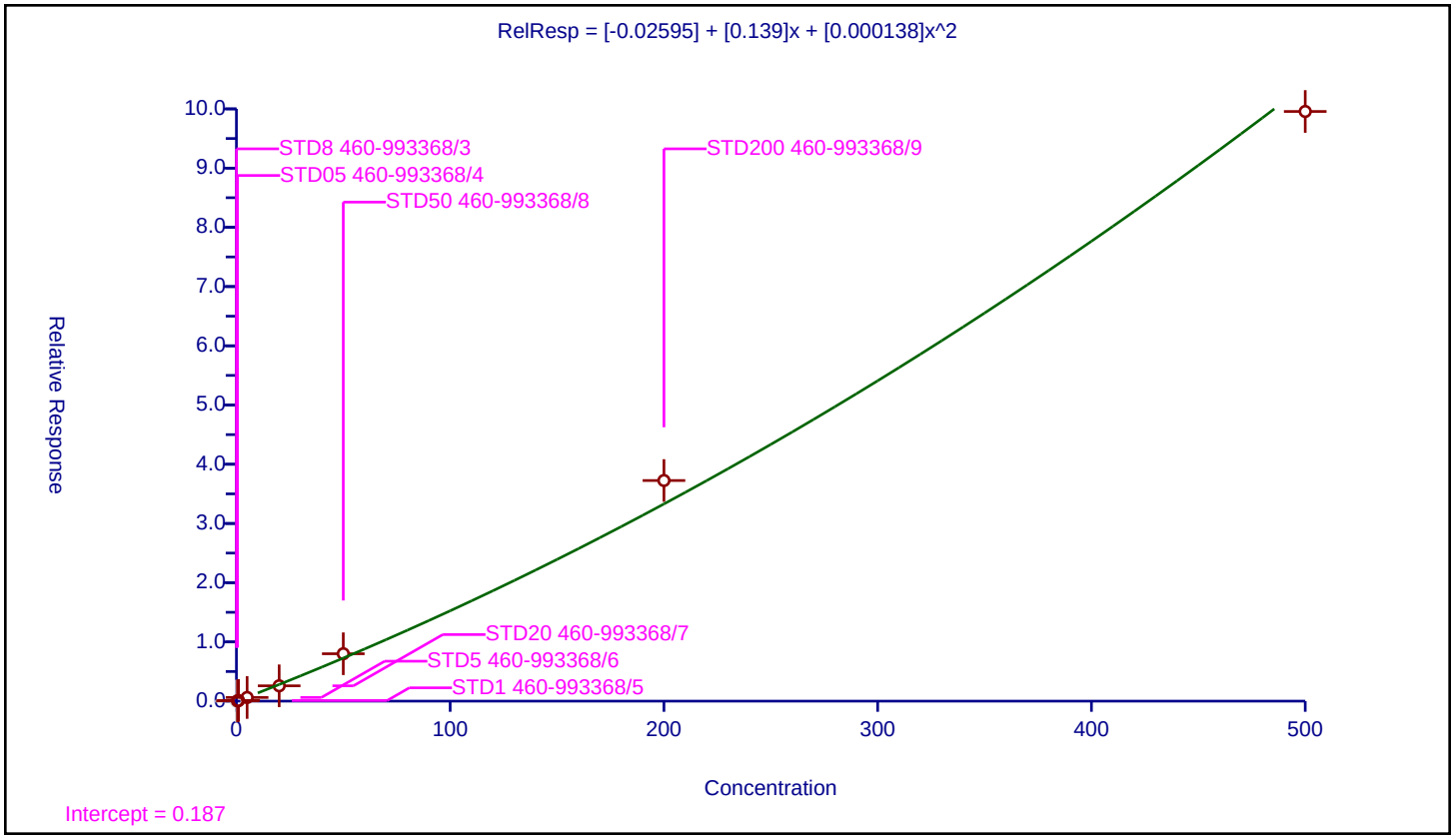
Curve Coefficients

Intercept:	-0.02595
Slope:	0.139
Second Order:	0.000138

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.046613	50.0	529898.0	0.093225	Y
3	STD1 460-993368/5	1.0	0.103406	50.0	522214.0	0.103406	Y
4	STD5 460-993368/6	5.0	0.617709	50.0	538603.0	0.123542	Y
5	STD20 460-993368/7	20.0	2.588791	50.0	533106.0	0.12944	Y
6	STD50 460-993368/8	50.0	8.002657	50.0	539727.0	0.160053	Y
7	STD200 460-993368/9	200.0	37.251254	50.0	572119.0	0.186256	Y
8	STD500 460-993368/10	500.0	99.565184	50.0	611293.0	0.19913	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

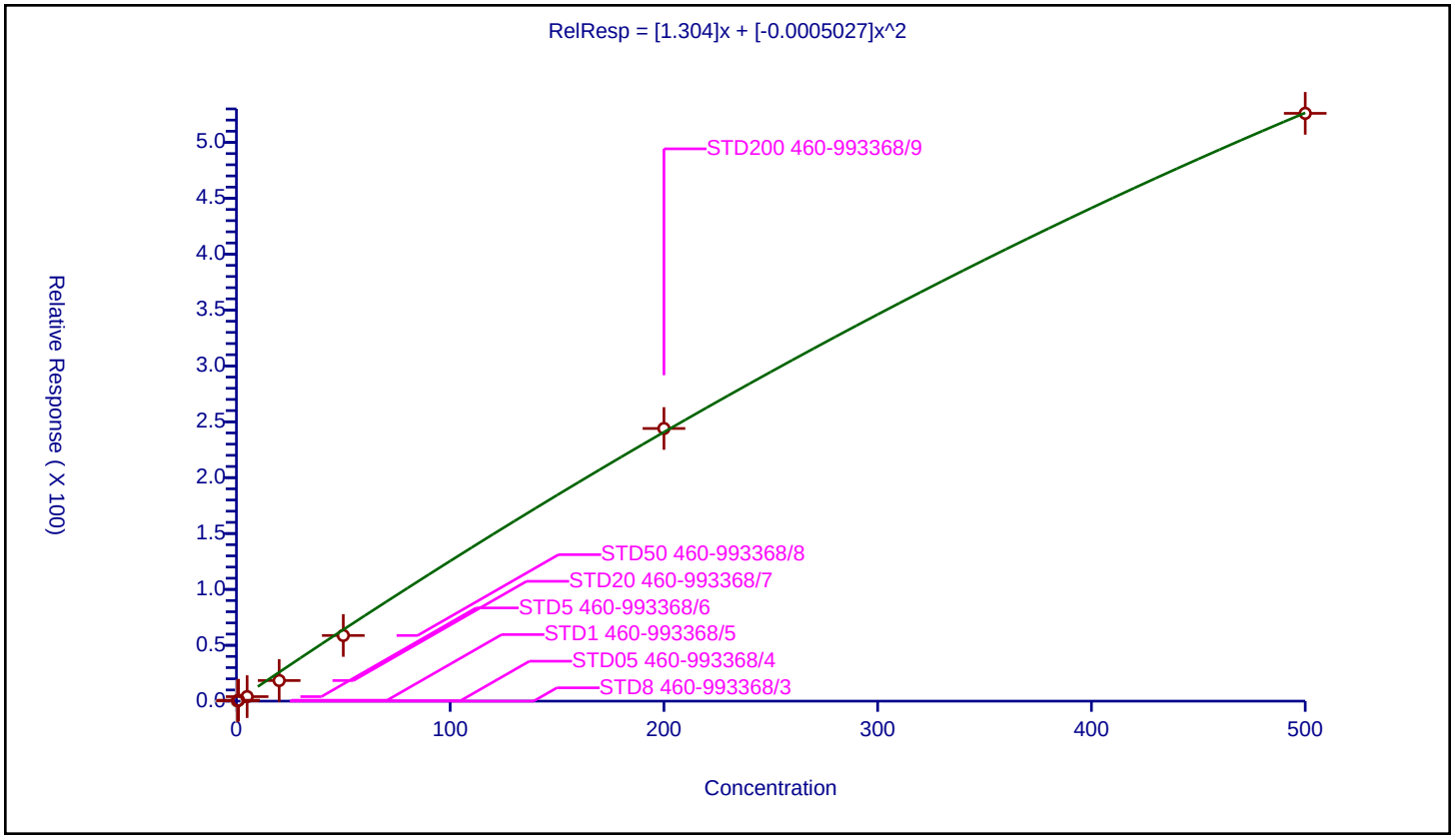
Curve Coefficients

Intercept:	0
Slope:	1.304
Second Order:	-0.0005027

Error Coefficients

Relative Standard Deviation:	35.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.327103	50.0	296084.0	0.654206	Y
3	STD1 460-993368/5	1.0	0.818216	50.0	294482.0	0.818216	Y
4	STD5 460-993368/6	5.0	4.045415	50.0	301749.0	0.809083	Y
5	STD20 460-993368/7	20.0	18.447065	50.0	297836.0	0.922353	Y
6	STD50 460-993368/8	50.0	58.763355	50.0	308318.0	1.175267	Y
7	STD200 460-993368/9	200.0	244.001635	50.0	322863.0	1.220008	Y
8	STD500 460-993368/10	500.0	526.028048	50.0	330651.0	1.052056	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

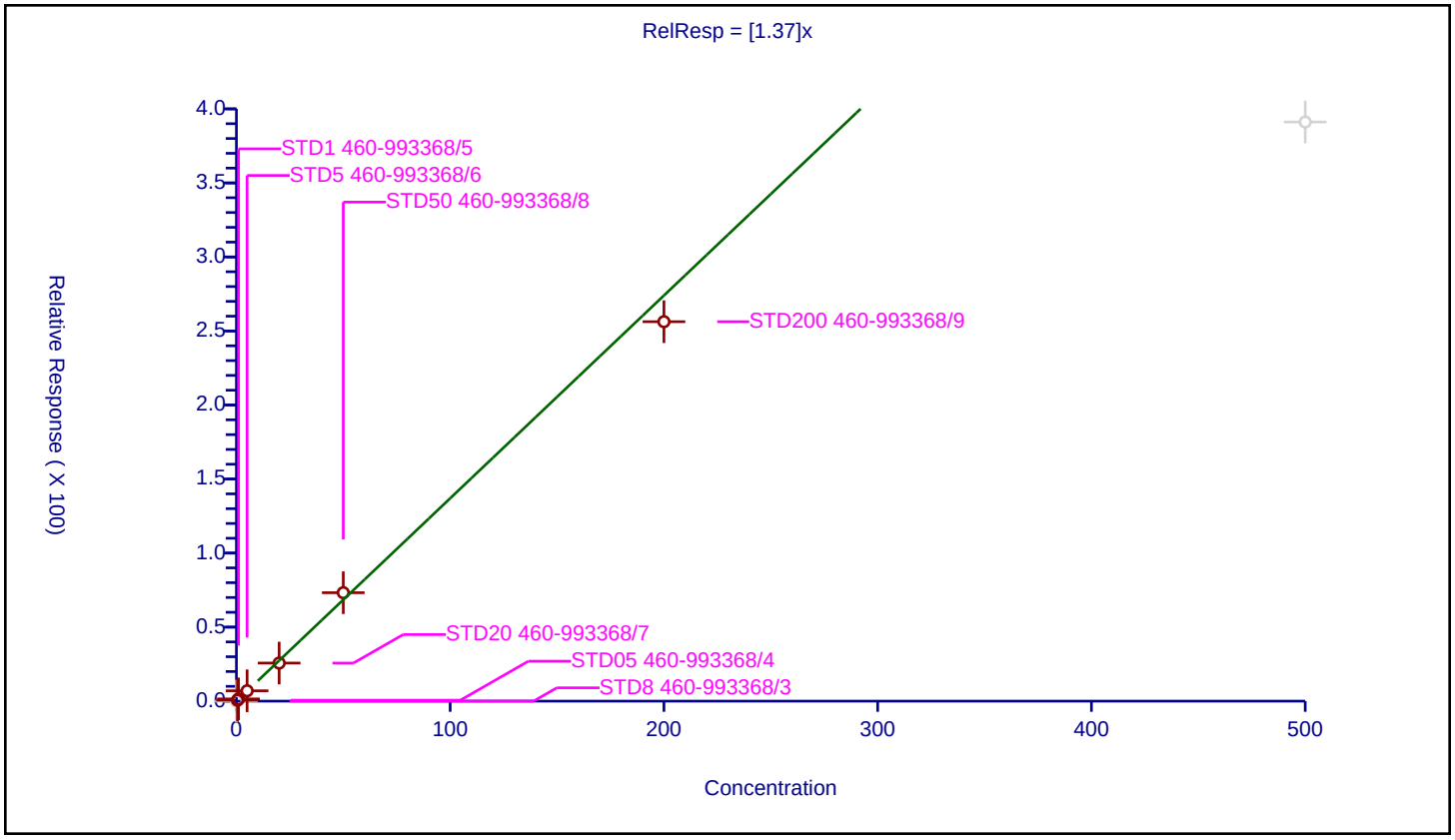
Curve Coefficients

Intercept:	0
Slope:	1.37

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.641727	50.0	529898.0	1.283455	Y
3	STD1 460-993368/5	1.0	1.506949	50.0	522214.0	1.506949	Y
4	STD5 460-993368/6	5.0	6.985572	50.0	538603.0	1.397114	Y
5	STD20 460-993368/7	20.0	25.708208	50.0	533106.0	1.28541	Y
6	STD50 460-993368/8	50.0	73.248049	50.0	539727.0	1.464961	Y
7	STD200 460-993368/9	200.0	256.274831	50.0	572119.0	1.281374	Y
8	STD500 460-993368/10	500.0	391.142791	50.0	611293.0	0.782286	N



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

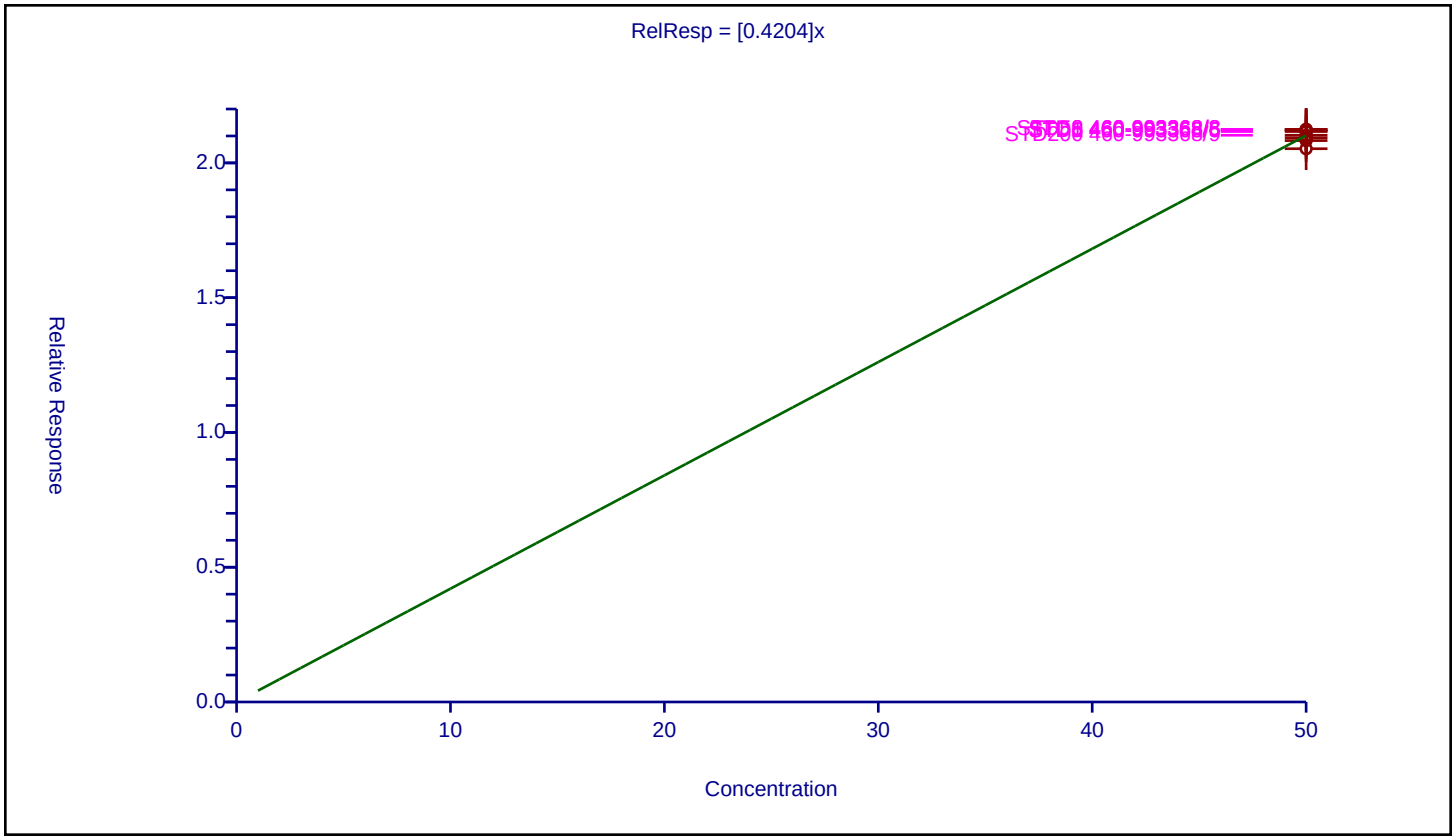
Curve Coefficients

Intercept:	0
Slope:	0.4204

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	21.246574	50.0	565550.0	0.424931	Y
2	STD05 460-993368/4	50.0	20.827499	50.0	529898.0	0.41655	Y
3	STD1 460-993368/5	50.0	21.164599	50.0	522214.0	0.423292	Y
4	STD5 460-993368/6	50.0	21.193625	50.0	538603.0	0.423872	Y
5	STD20 460-993368/7	50.0	20.929046	50.0	533106.0	0.418581	Y
6	STD50 460-993368/8	50.0	21.236292	50.0	539727.0	0.424726	Y
7	STD200 460-993368/9	50.0	21.026482	50.0	572119.0	0.42053	Y
8	STD500 460-993368/10	50.0	20.526572	50.0	611293.0	0.410531	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

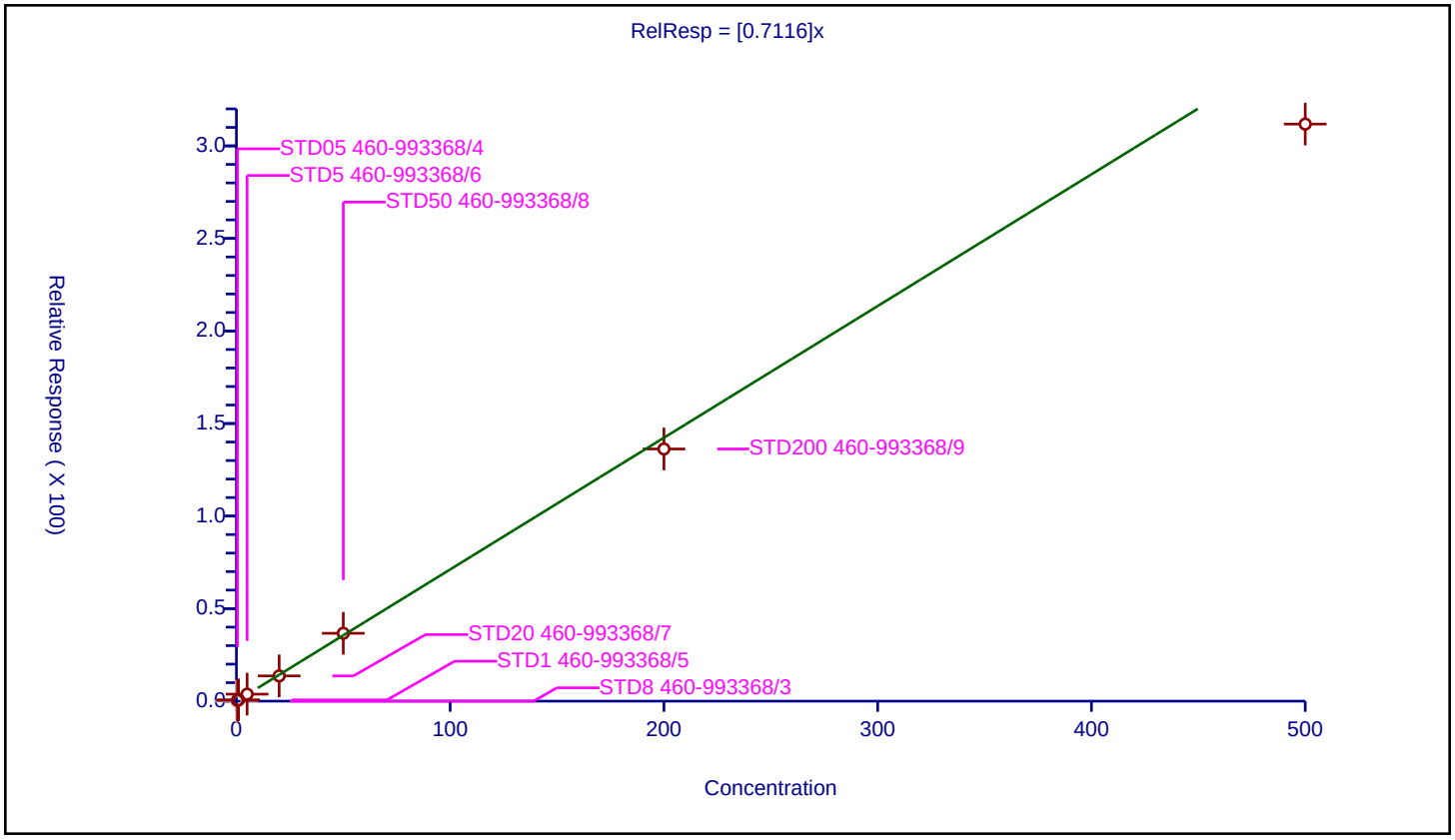
Curve Coefficients

Intercept:	0
Slope:	0.7116

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.406135	50.0	296084.0	0.812269	Y
3	STD1 460-993368/5	1.0	0.692402	50.0	294482.0	0.692402	Y
4	STD5 460-993368/6	5.0	3.781288	50.0	301749.0	0.756258	Y
5	STD20 460-993368/7	20.0	13.641904	50.0	297836.0	0.682095	Y
6	STD50 460-993368/8	50.0	36.665229	50.0	308318.0	0.733305	Y
7	STD200 460-993368/9	200.0	136.249276	50.0	322863.0	0.681246	Y
8	STD500 460-993368/10	500.0	311.789621	50.0	330651.0	0.623579	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

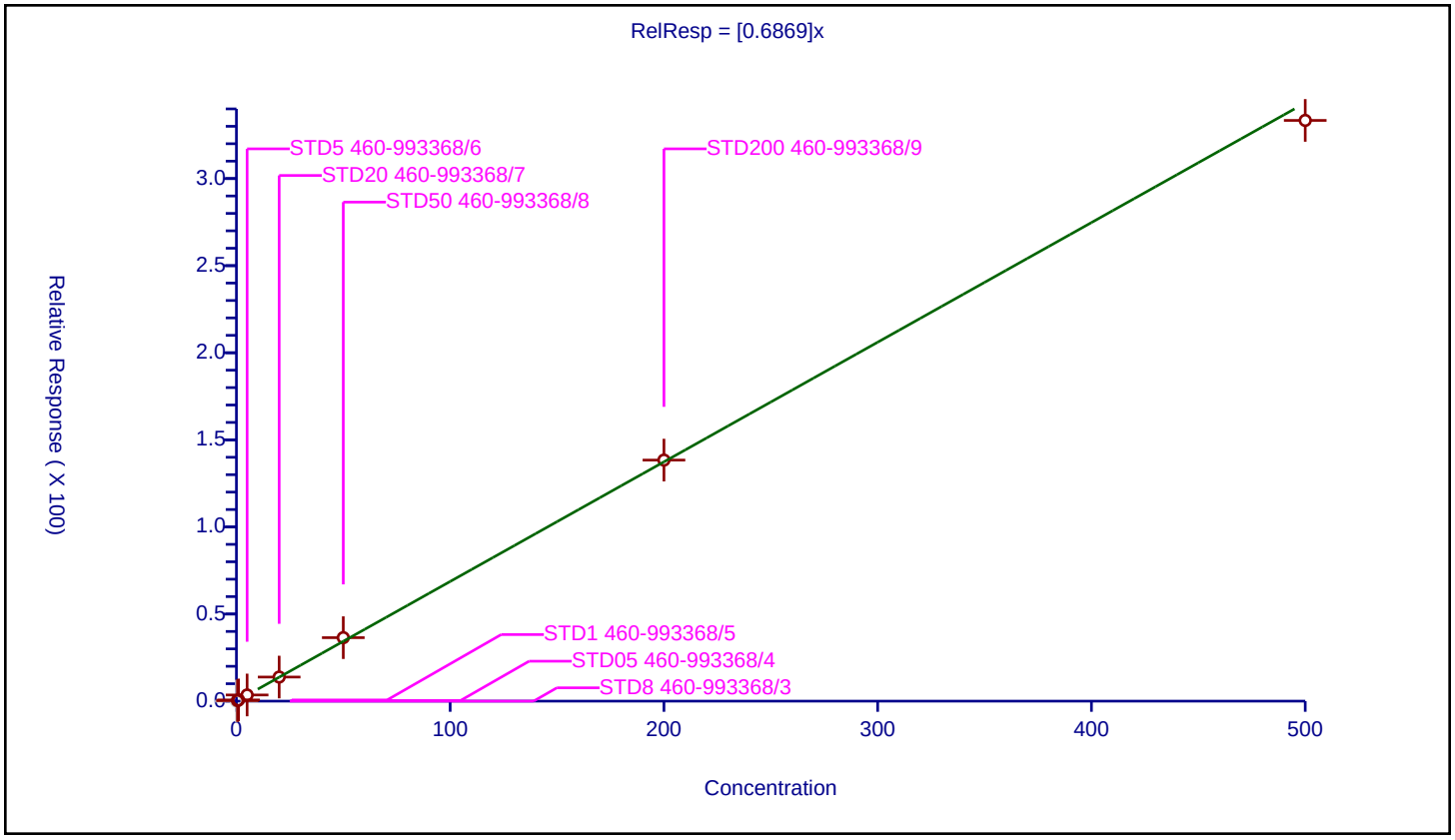
Curve Coefficients

Intercept:	0
Slope:	0.6869

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.319166	50.0	296084.0	0.638332	Y
3	STD1 460-993368/5	1.0	0.681196	50.0	294482.0	0.681196	Y
4	STD5 460-993368/6	5.0	3.546822	50.0	301749.0	0.709364	Y
5	STD20 460-993368/7	20.0	13.835466	50.0	297836.0	0.691773	Y
6	STD50 460-993368/8	50.0	36.438028	50.0	308318.0	0.728761	Y
7	STD200 460-993368/9	200.0	138.385476	50.0	322863.0	0.691927	Y
8	STD500 460-993368/10	500.0	333.373255	50.0	330651.0	0.666747	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

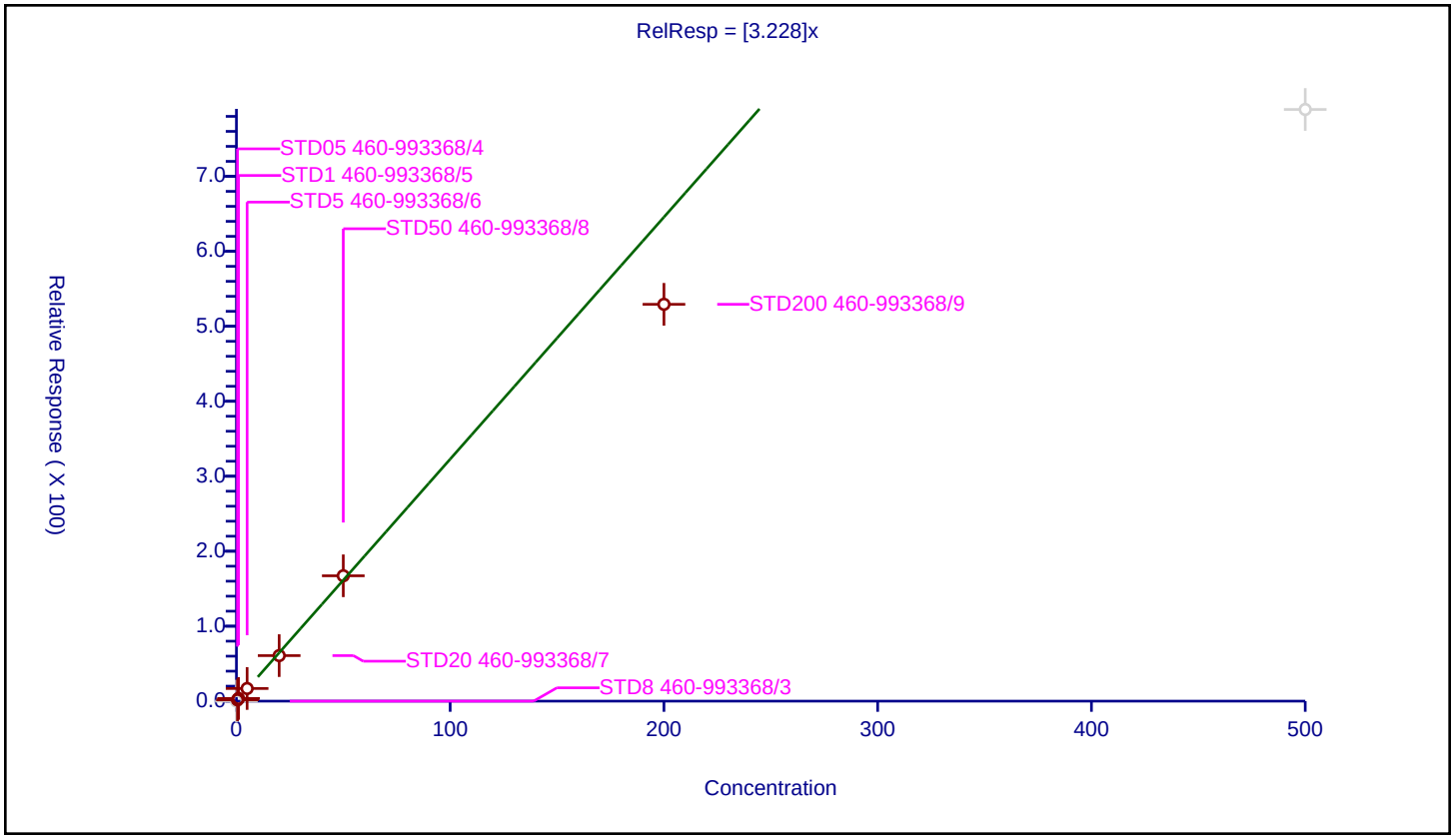
Curve Coefficients

Intercept:	0
Slope:	3.228

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.684488	50.0	296084.0	3.368976	Y
3	STD1 460-993368/5	1.0	3.604125	50.0	294482.0	3.604125	Y
4	STD5 460-993368/6	5.0	16.842641	50.0	301749.0	3.368528	Y
5	STD20 460-993368/7	20.0	60.740978	50.0	297836.0	3.037049	Y
6	STD50 460-993368/8	50.0	167.213883	50.0	308318.0	3.344278	Y
7	STD200 460-993368/9	200.0	529.341392	50.0	322863.0	2.646707	Y
8	STD500 460-993368/10	500.0	789.213249	50.0	330651.0	1.578426	N



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

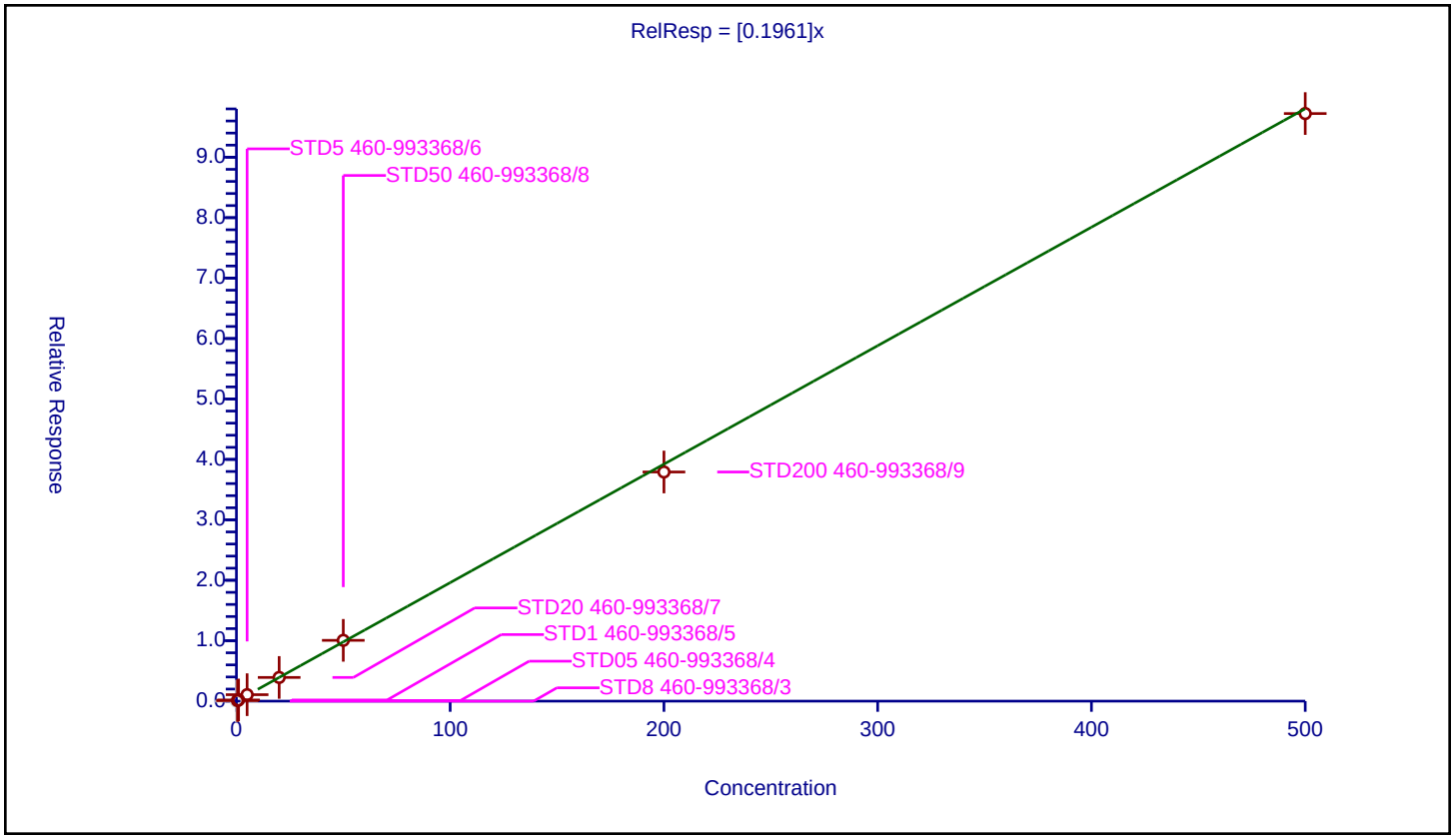
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.09271	50.0	296084.0	0.18542	Y
3	STD1 460-993368/5	1.0	0.191693	50.0	294482.0	0.191693	Y
4	STD5 460-993368/6	5.0	1.070592	50.0	301749.0	0.214118	Y
5	STD20 460-993368/7	20.0	3.918599	50.0	297836.0	0.19593	Y
6	STD50 460-993368/8	50.0	10.059744	50.0	308318.0	0.201195	Y
7	STD200 460-993368/9	200.0	37.917321	50.0	322863.0	0.189587	Y
8	STD500 460-993368/10	500.0	97.228347	50.0	330651.0	0.194457	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

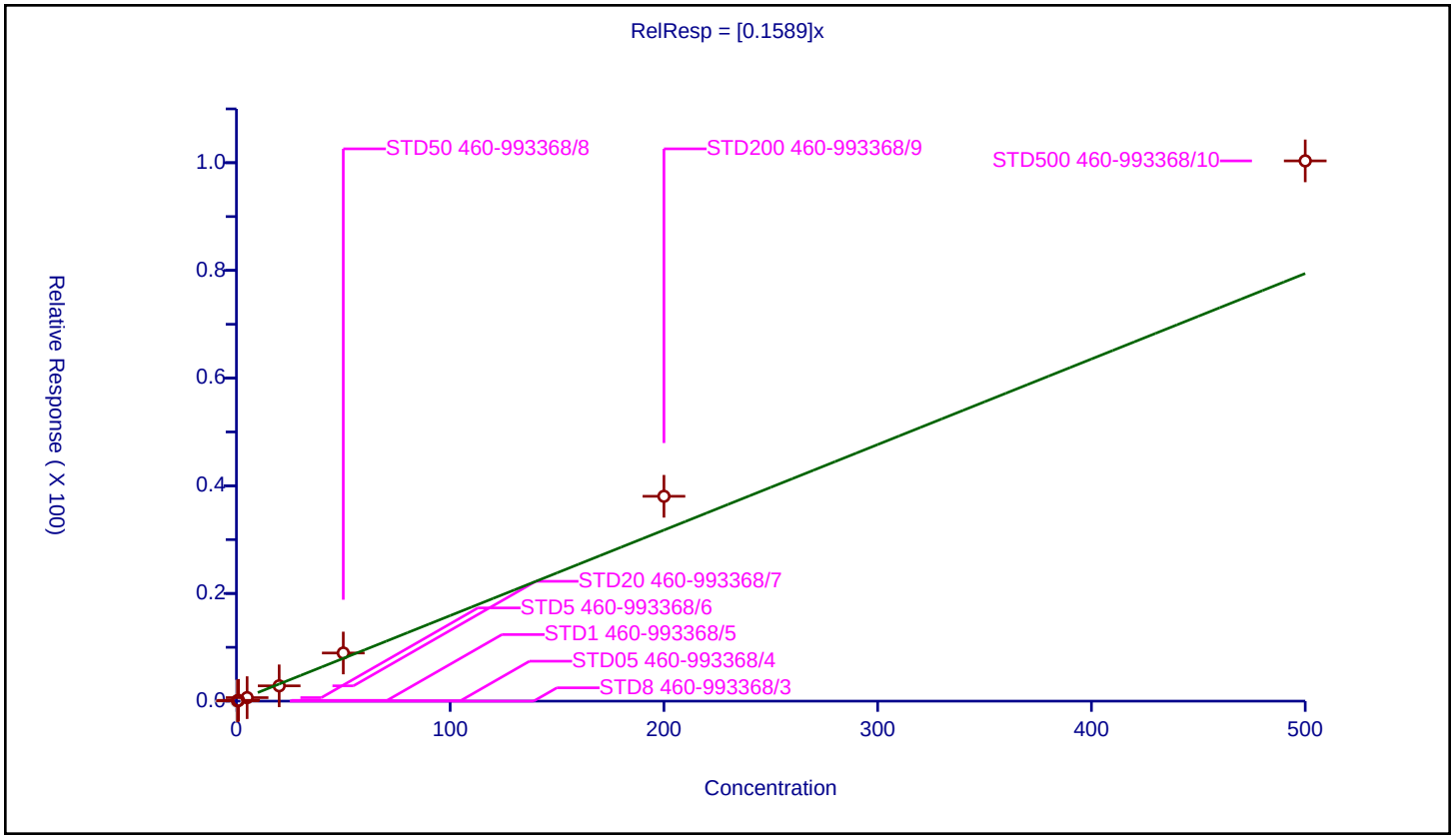
Curve Coefficients

Intercept:	0
Slope:	0.1589

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.062989	50.0	296084.0	0.125978	Y
3	STD1 460-993368/5	1.0	0.144151	50.0	294482.0	0.144151	Y
4	STD5 460-993368/6	5.0	0.650044	50.0	301749.0	0.130009	Y
5	STD20 460-993368/7	20.0	2.841832	50.0	297836.0	0.142092	Y
6	STD50 460-993368/8	50.0	8.942553	50.0	308318.0	0.178851	Y
7	STD200 460-993368/9	200.0	38.047407	50.0	322863.0	0.190237	Y
8	STD500 460-993368/10	500.0	100.345833	50.0	330651.0	0.200692	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

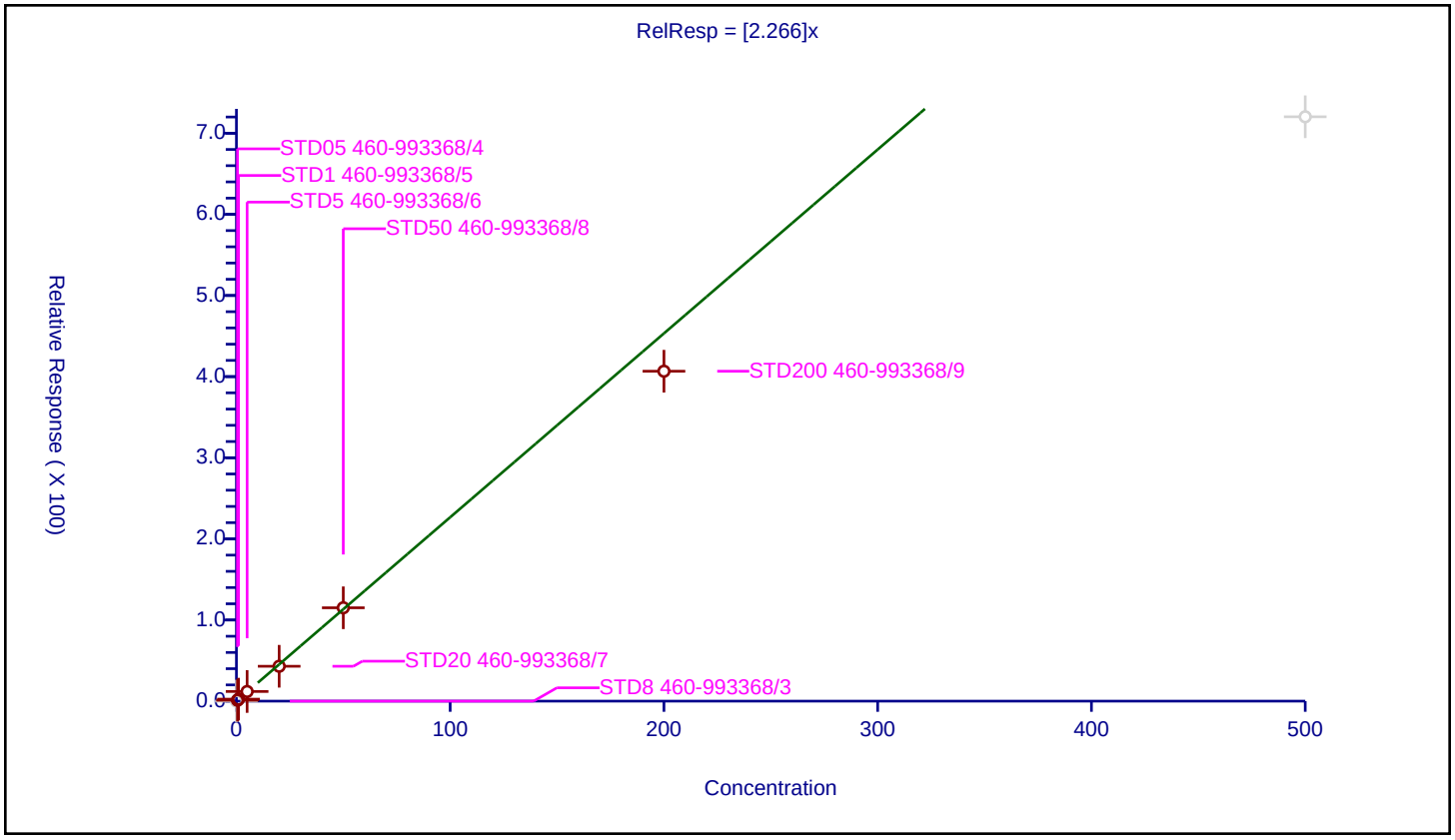
Curve Coefficients

Intercept:	0
Slope:	2.266

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.141906	50.0	296084.0	2.283811	Y
3	STD1 460-993368/5	1.0	2.446499	50.0	294482.0	2.446499	Y
4	STD5 460-993368/6	5.0	11.911556	50.0	301749.0	2.382311	Y
5	STD20 460-993368/7	20.0	43.005379	50.0	297836.0	2.150269	Y
6	STD50 460-993368/8	50.0	115.090426	50.0	308318.0	2.301809	Y
7	STD200 460-993368/9	200.0	406.678065	50.0	322863.0	2.03339	Y
8	STD500 460-993368/10	500.0	720.269862	50.0	330651.0	1.44054	N



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

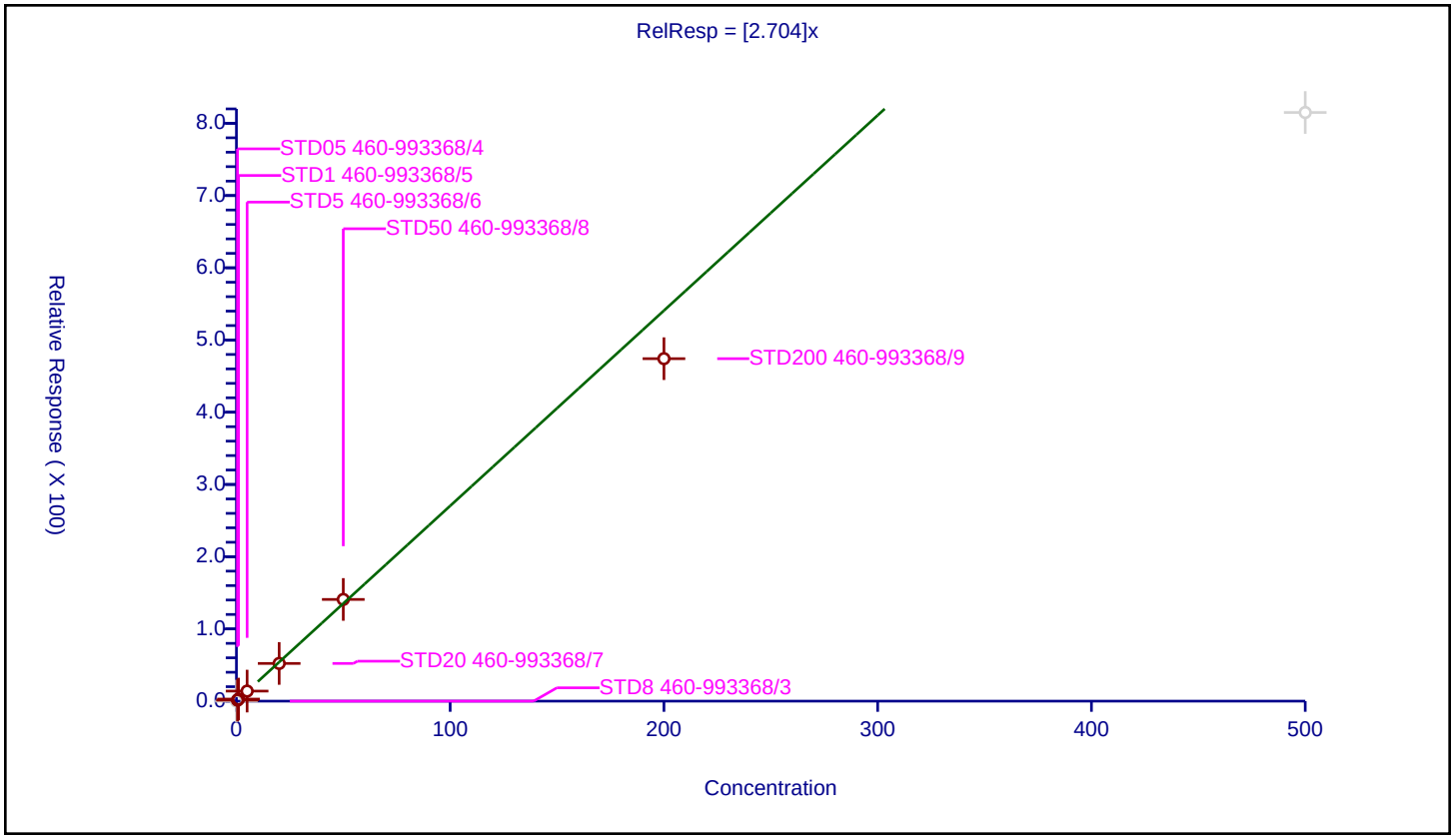
Curve Coefficients

Intercept:	0
Slope:	2.704

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.390822	50.0	296084.0	2.781643	Y
3	STD1 460-993368/5	1.0	2.858749	50.0	294482.0	2.858749	Y
4	STD5 460-993368/6	5.0	13.922499	50.0	301749.0	2.7845	Y
5	STD20 460-993368/7	20.0	52.209437	50.0	297836.0	2.610472	Y
6	STD50 460-993368/8	50.0	140.821976	50.0	308318.0	2.81644	Y
7	STD200 460-993368/9	200.0	474.190911	50.0	322863.0	2.370955	Y
8	STD500 460-993368/10	500.0	815.010237	50.0	330651.0	1.63002	N



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

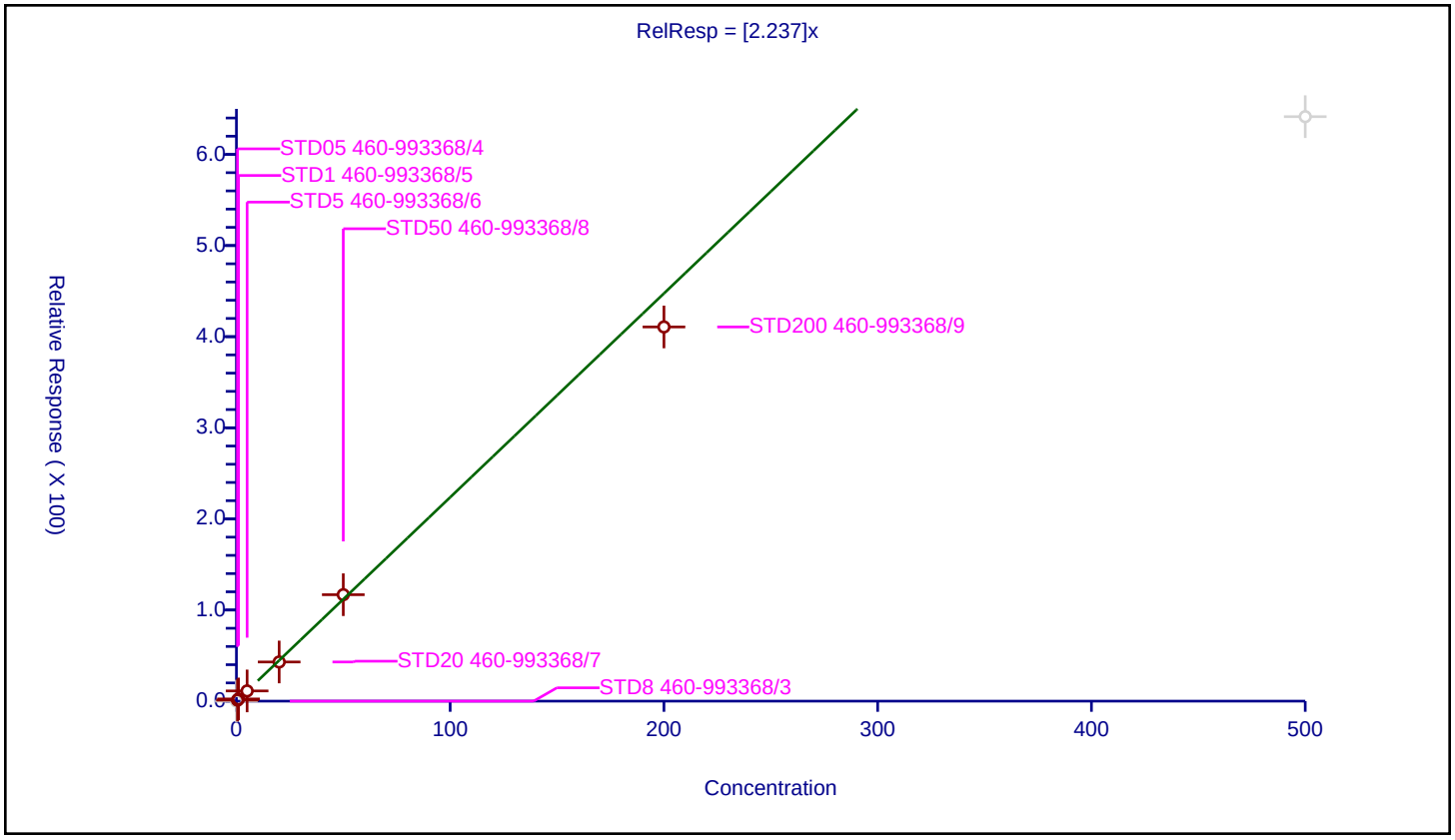
Curve Coefficients

Intercept:	0
Slope:	2.237

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.119446	50.0	296084.0	2.238892	Y
3	STD1 460-993368/5	1.0	2.403033	50.0	294482.0	2.403033	Y
4	STD5 460-993368/6	5.0	11.215944	50.0	301749.0	2.243189	Y
5	STD20 460-993368/7	20.0	42.976672	50.0	297836.0	2.148834	Y
6	STD50 460-993368/8	50.0	116.83327	50.0	308318.0	2.336665	Y
7	STD200 460-993368/9	200.0	410.697107	50.0	322863.0	2.053486	Y
8	STD500 460-993368/10	500.0	641.451863	50.0	330651.0	1.282904	N



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

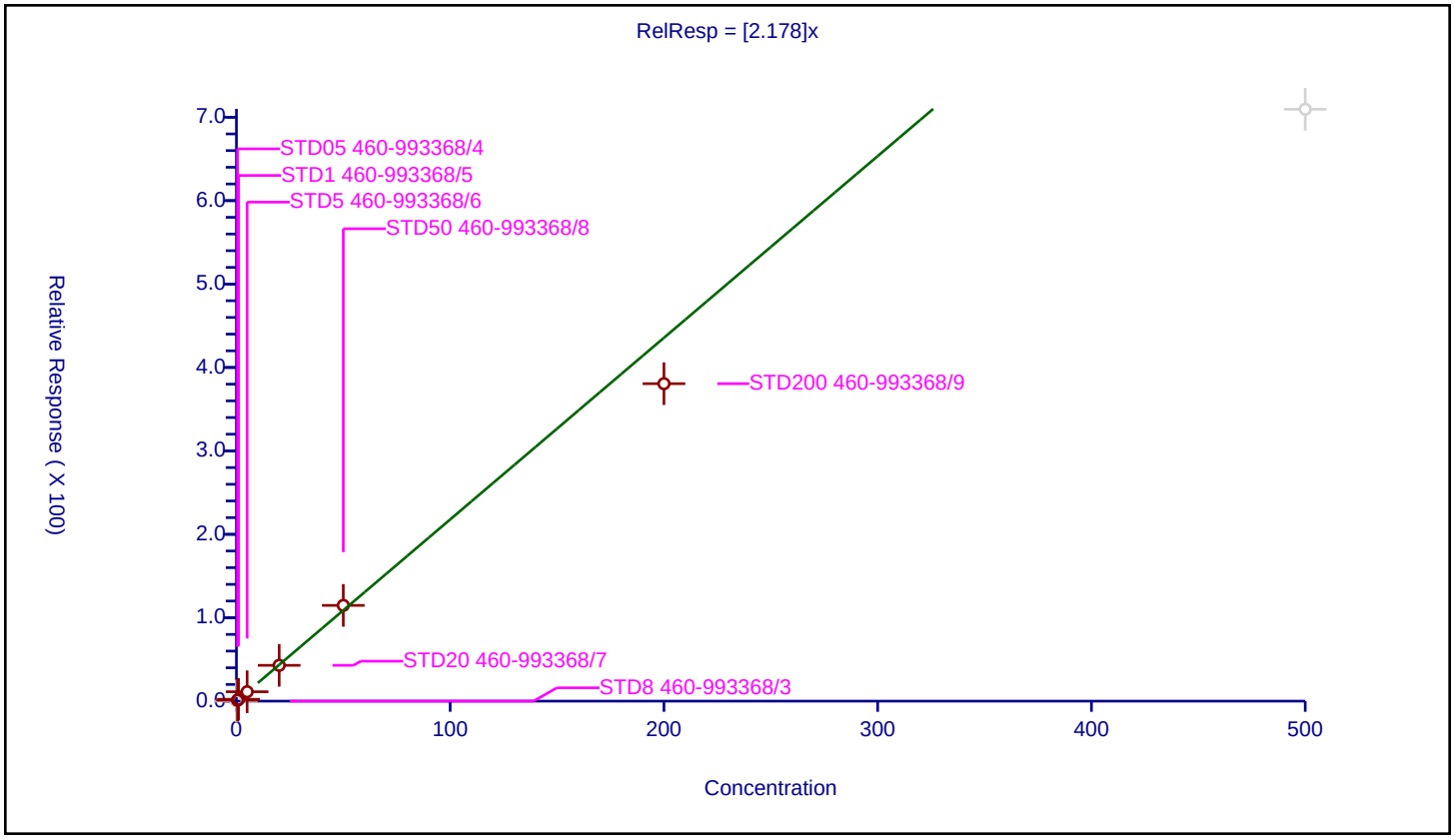
Curve Coefficients

Intercept:	0
Slope:	2.178

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.127889	50.0	296084.0	2.255779	Y
3	STD1 460-993368/5	1.0	2.218642	50.0	294482.0	2.218642	Y
4	STD5 460-993368/6	5.0	11.241131	50.0	301749.0	2.248226	Y
5	STD20 460-993368/7	20.0	42.940746	50.0	297836.0	2.147037	Y
6	STD50 460-993368/8	50.0	114.771113	50.0	308318.0	2.295422	Y
7	STD200 460-993368/9	200.0	380.582166	50.0	322863.0	1.902911	Y
8	STD500 460-993368/10	500.0	709.559929	50.0	330651.0	1.41912	N



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

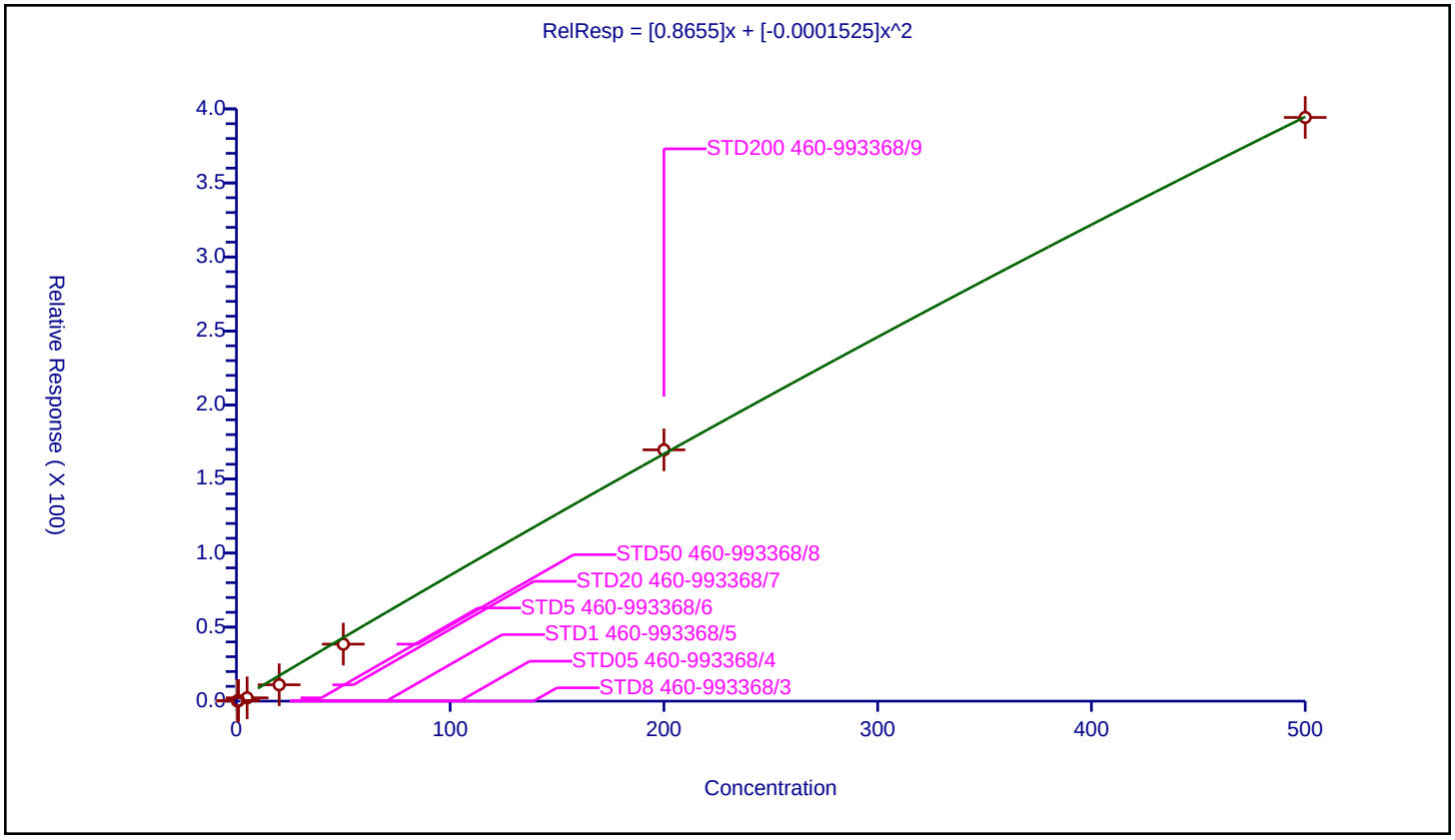
Curve Coefficients

Intercept:	0
Slope:	0.8655
Second Order:	-0.0001525

Error Coefficients

Relative Standard Deviation:	44.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.186771	50.0	296084.0	0.373543	Y
3	STD1 460-993368/5	1.0	0.381008	50.0	294482.0	0.381008	Y
4	STD5 460-993368/6	5.0	2.243587	50.0	301749.0	0.448717	Y
5	STD20 460-993368/7	20.0	11.05172	50.0	297836.0	0.552586	Y
6	STD50 460-993368/8	50.0	38.509429	50.0	308318.0	0.770189	Y
7	STD200 460-993368/9	200.0	169.723691	50.0	322863.0	0.848618	Y
8	STD500 460-993368/10	500.0	394.233497	50.0	330651.0	0.788467	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

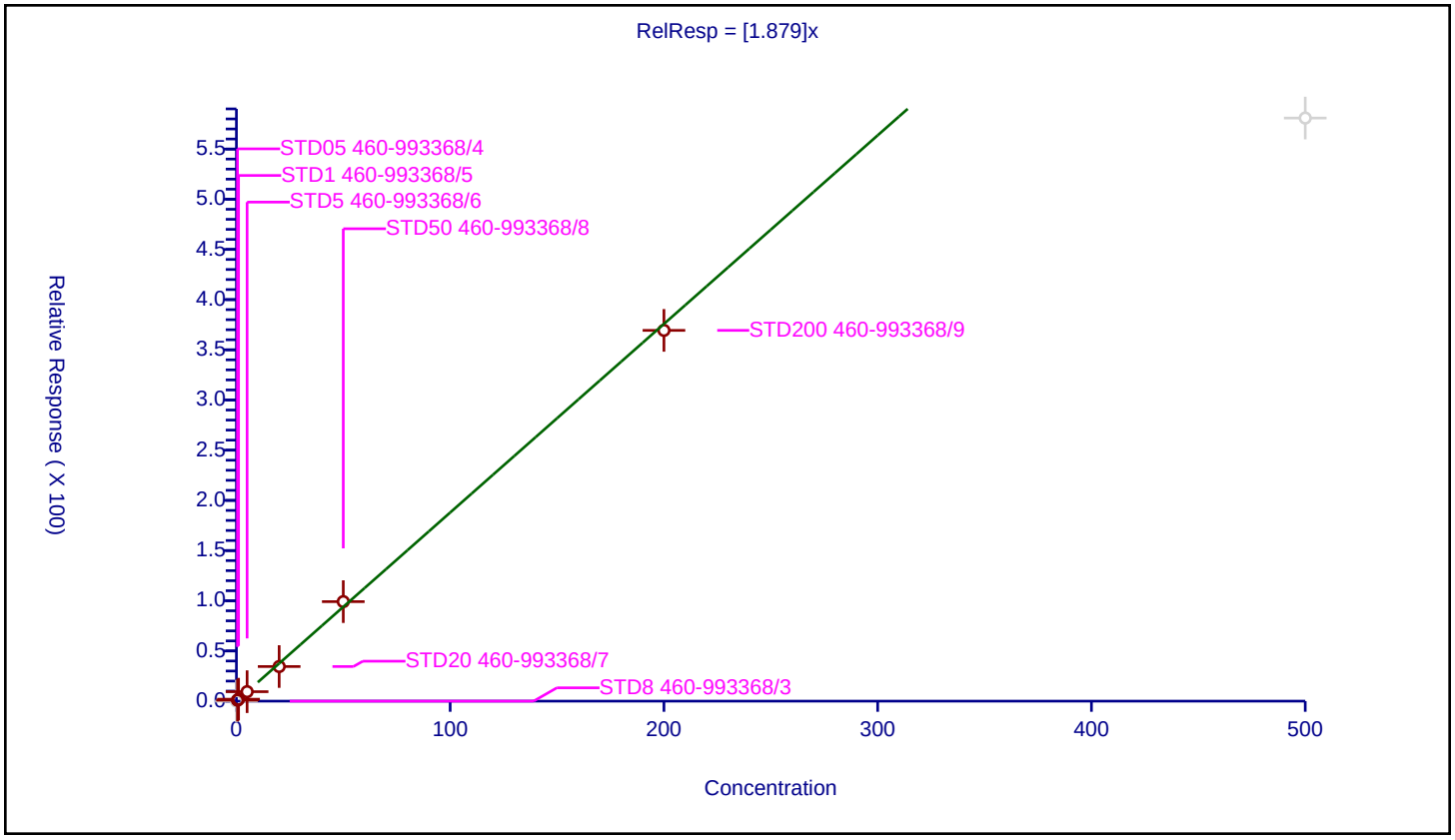
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.957836	50.0	296084.0	1.915673	Y
3	STD1 460-993368/5	1.0	1.920491	50.0	294482.0	1.920491	Y
4	STD5 460-993368/6	5.0	9.419584	50.0	301749.0	1.883917	Y
5	STD20 460-993368/7	20.0	34.466283	50.0	297836.0	1.723314	Y
6	STD50 460-993368/8	50.0	99.133038	50.0	308318.0	1.982661	Y
7	STD200 460-993368/9	200.0	369.349074	50.0	322863.0	1.846745	Y
8	STD500 460-993368/10	500.0	580.88362	50.0	330651.0	1.161767	N



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

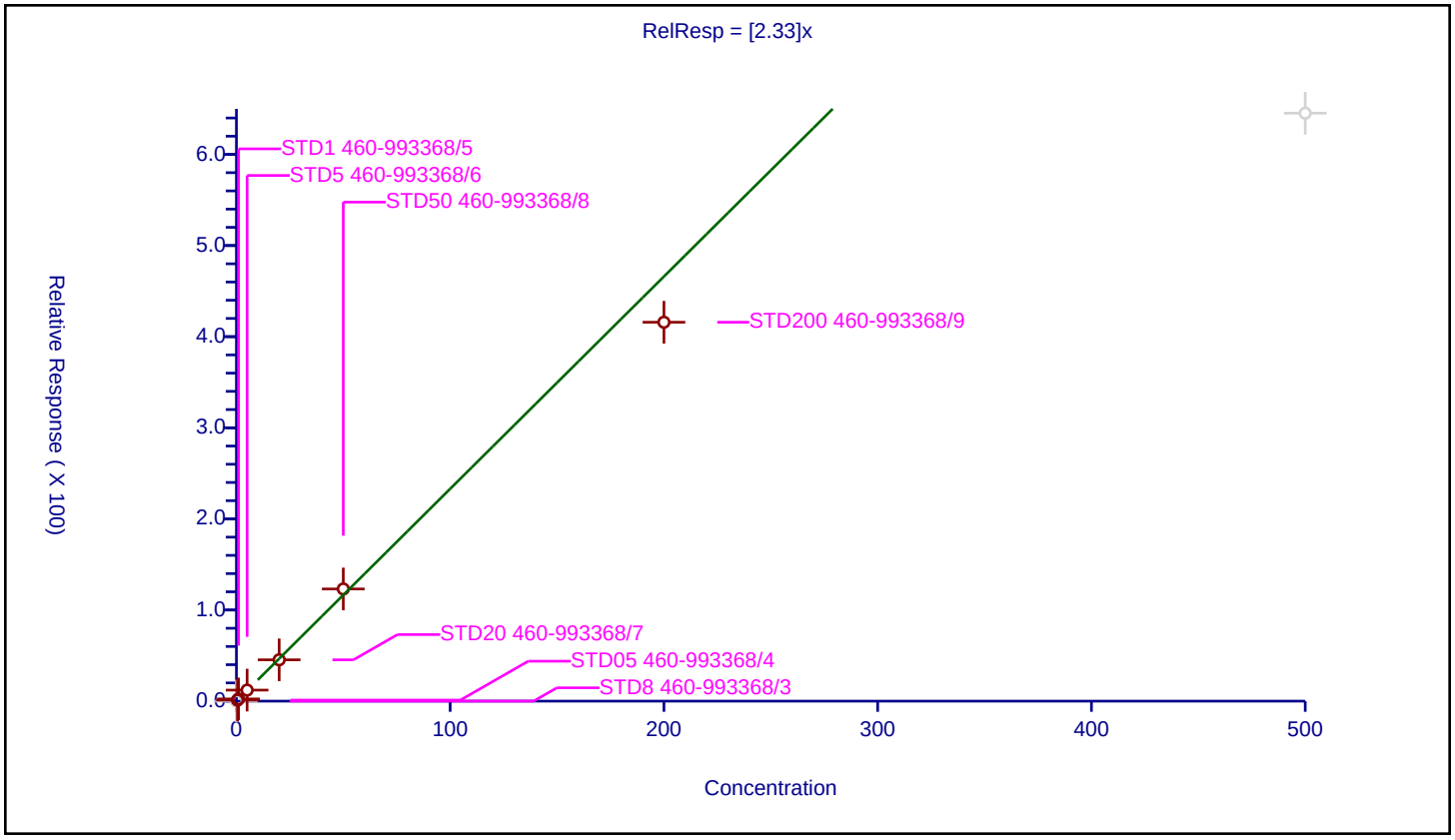
Curve Coefficients

Intercept:	0
Slope:	2.33

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.162508	50.0	296084.0	2.325016	Y
3	STD1 460-993368/5	1.0	2.421031	50.0	294482.0	2.421031	Y
4	STD5 460-993368/6	5.0	12.127298	50.0	301749.0	2.42546	Y
5	STD20 460-993368/7	20.0	45.364899	50.0	297836.0	2.268245	Y
6	STD50 460-993368/8	50.0	123.116555	50.0	308318.0	2.462331	Y
7	STD200 460-993368/9	200.0	415.844801	50.0	322863.0	2.079224	Y
8	STD500 460-993368/10	500.0	645.307741	50.0	330651.0	1.290615	N



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

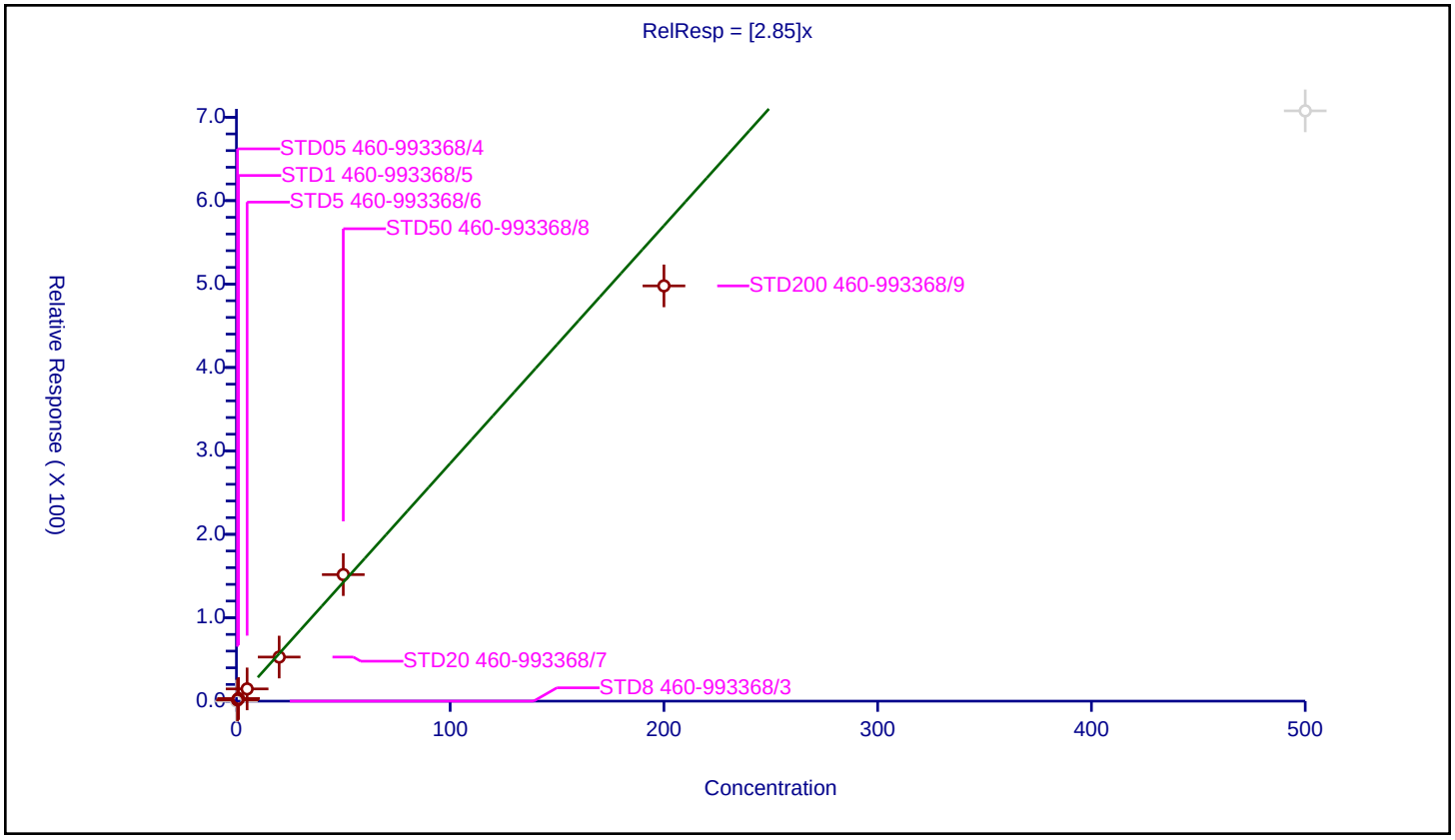
Curve Coefficients

Intercept:	0
Slope:	2.85

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.446211	50.0	296084.0	2.892422	Y
3	STD1 460-993368/5	1.0	3.106302	50.0	294482.0	3.106302	Y
4	STD5 460-993368/6	5.0	14.679585	50.0	301749.0	2.935917	Y
5	STD20 460-993368/7	20.0	52.863321	50.0	297836.0	2.643166	Y
6	STD50 460-993368/8	50.0	151.694841	50.0	308318.0	3.033897	Y
7	STD200 460-993368/9	200.0	497.822141	50.0	322863.0	2.489111	Y
8	STD500 460-993368/10	500.0	707.630855	50.0	330651.0	1.415262	N



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

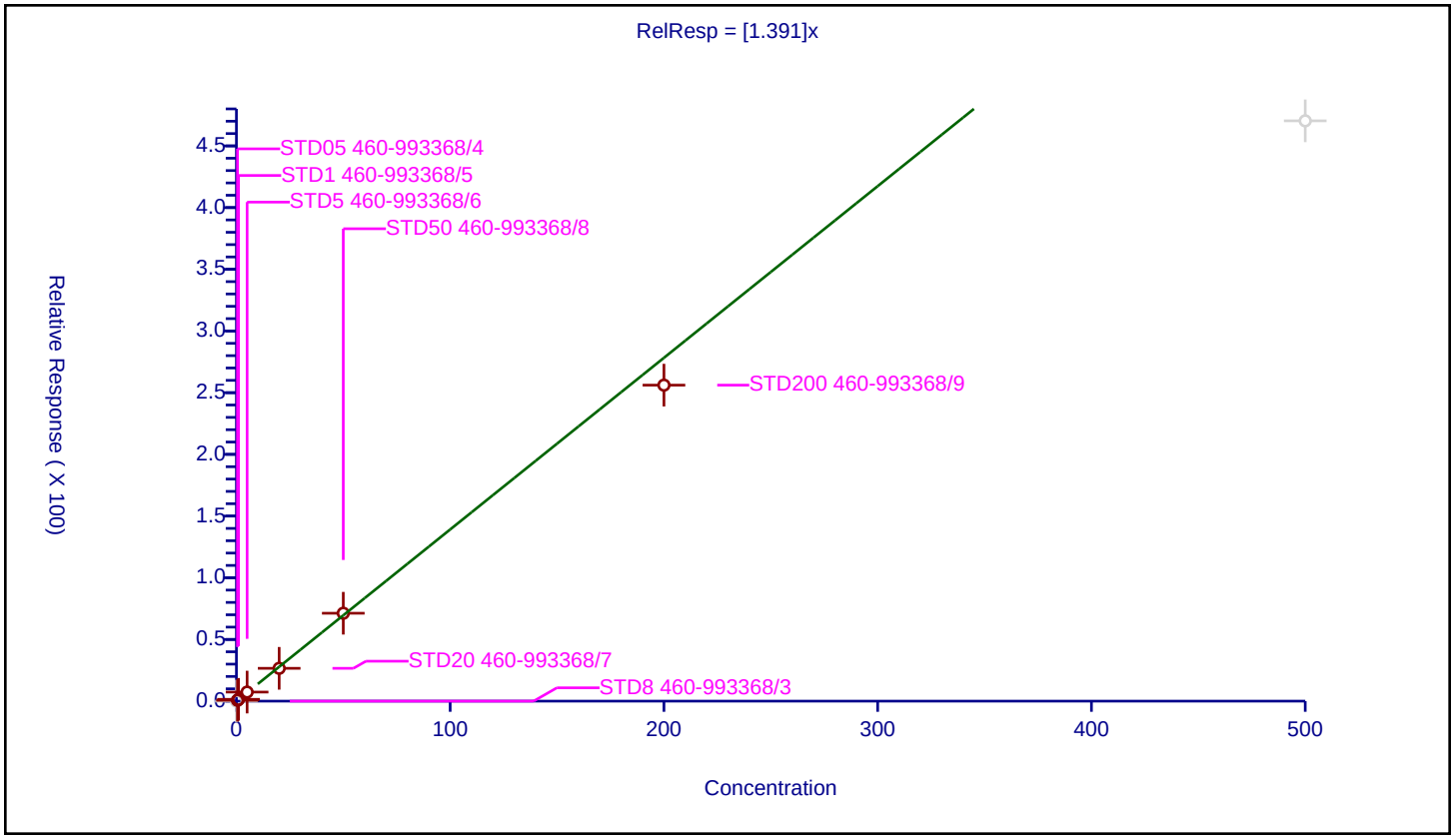
Curve Coefficients

Intercept:	0
Slope:	1.391

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.69845	50.0	296084.0	1.396901	Y
3	STD1 460-993368/5	1.0	1.447287	50.0	294482.0	1.447287	Y
4	STD5 460-993368/6	5.0	7.340372	50.0	301749.0	1.468074	Y
5	STD20 460-993368/7	20.0	26.596348	50.0	297836.0	1.329817	Y
6	STD50 460-993368/8	50.0	71.25257	50.0	308318.0	1.425051	Y
7	STD200 460-993368/9	200.0	256.107699	50.0	322863.0	1.280538	Y
8	STD500 460-993368/10	500.0	470.30328	50.0	330651.0	0.940607	N



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

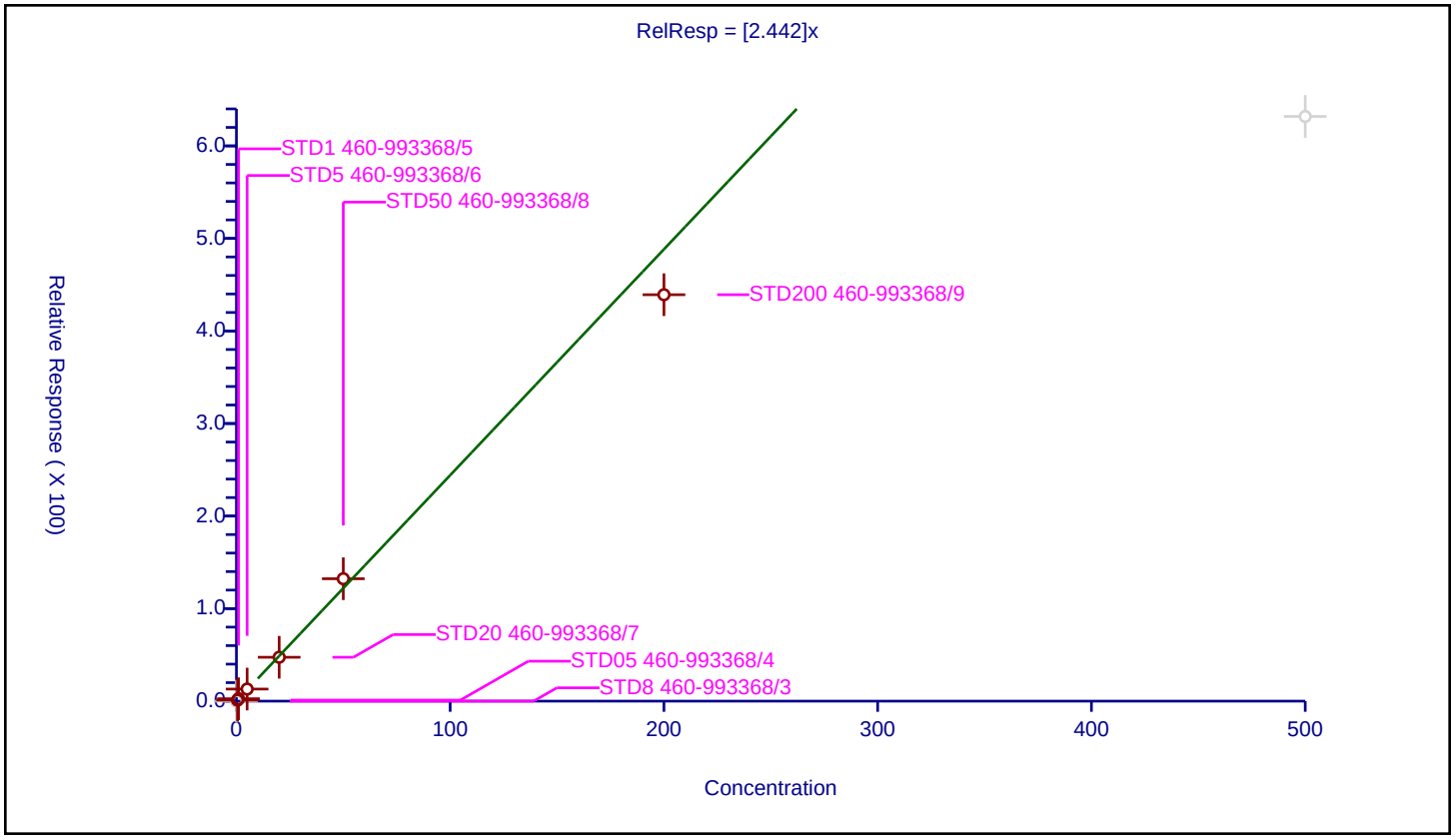
Curve Coefficients

Intercept:	0
Slope:	2.442

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.112184	50.0	296084.0	2.224369	Y
3	STD1 460-993368/5	1.0	2.601008	50.0	294482.0	2.601008	Y
4	STD5 460-993368/6	5.0	13.062512	50.0	301749.0	2.612502	Y
5	STD20 460-993368/7	20.0	47.403773	50.0	297836.0	2.370189	Y
6	STD50 460-993368/8	50.0	132.258415	50.0	308318.0	2.645168	Y
7	STD200 460-993368/9	200.0	439.180241	50.0	322863.0	2.195901	Y
8	STD500 460-993368/10	500.0	631.823433	50.0	330651.0	1.263647	N



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

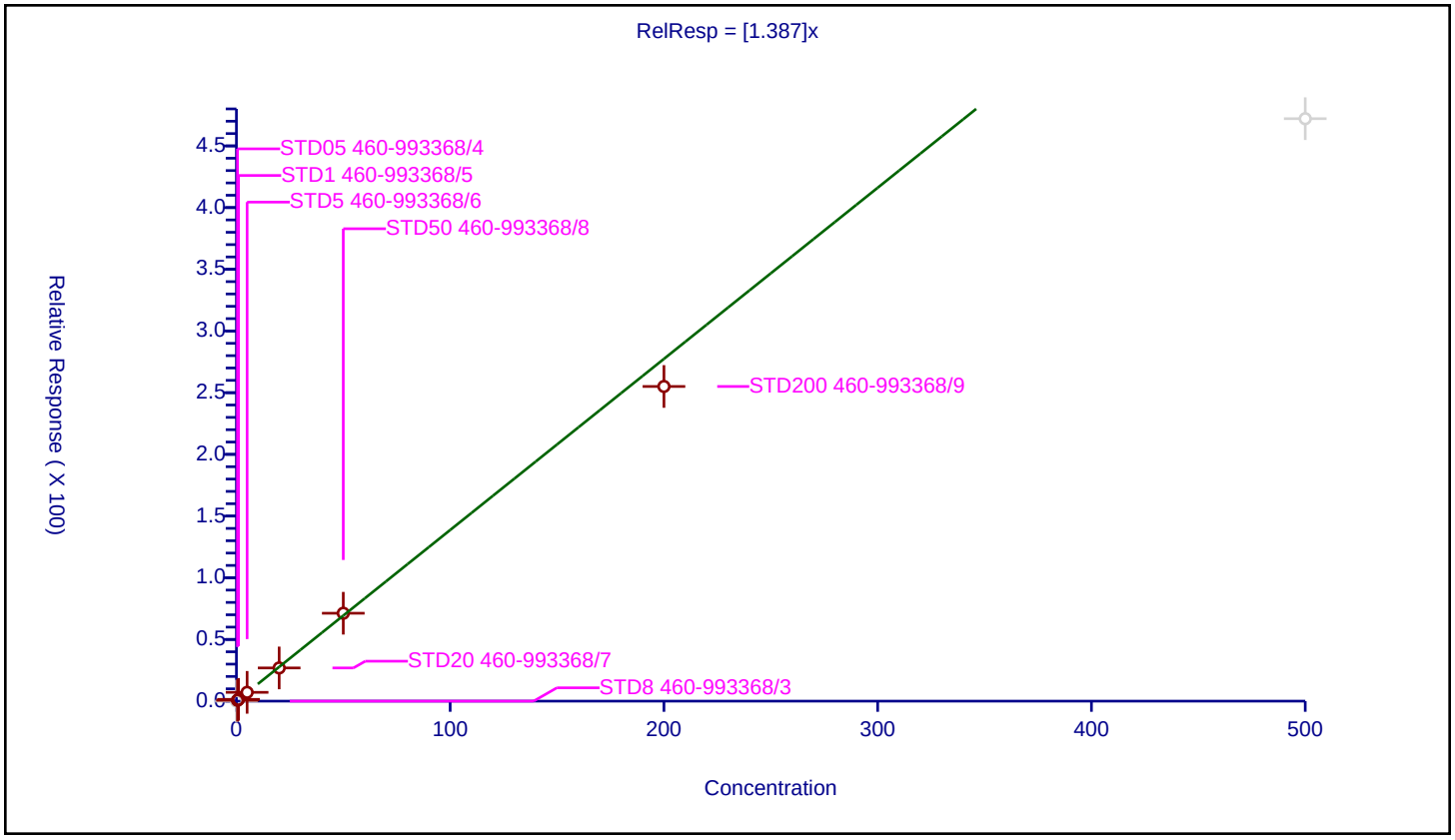
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.706894	50.0	296084.0	1.413788	Y
3	STD1 460-993368/5	1.0	1.43727	50.0	294482.0	1.43727	Y
4	STD5 460-993368/6	5.0	7.129104	50.0	301749.0	1.425821	Y
5	STD20 460-993368/7	20.0	26.897017	50.0	297836.0	1.344851	Y
6	STD50 460-993368/8	50.0	71.244138	50.0	308318.0	1.424883	Y
7	STD200 460-993368/9	200.0	255.033404	50.0	322863.0	1.275167	Y
8	STD500 460-993368/10	500.0	472.052708	50.0	330651.0	0.944105	N



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

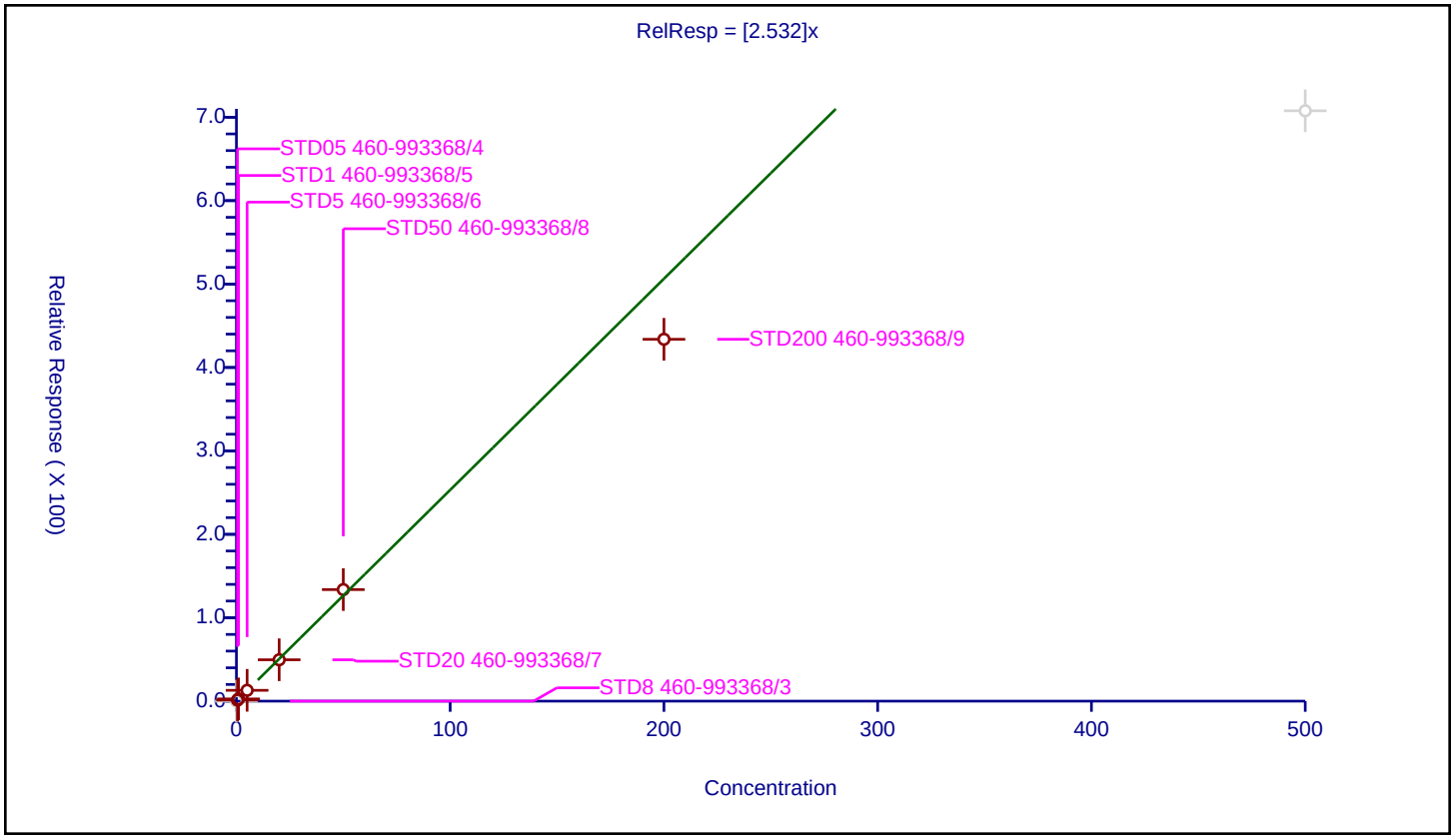
Curve Coefficients

Intercept:	0
Slope:	2.532

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.298111	50.0	296084.0	2.596223	Y
3	STD1 460-993368/5	1.0	2.678941	50.0	294482.0	2.678941	Y
4	STD5 460-993368/6	5.0	12.963755	50.0	301749.0	2.592751	Y
5	STD20 460-993368/7	20.0	49.591554	50.0	297836.0	2.479578	Y
6	STD50 460-993368/8	50.0	133.727839	50.0	308318.0	2.674557	Y
7	STD200 460-993368/9	200.0	433.814652	50.0	322863.0	2.169073	Y
8	STD500 460-993368/10	500.0	707.722947	50.0	330651.0	1.415446	N



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

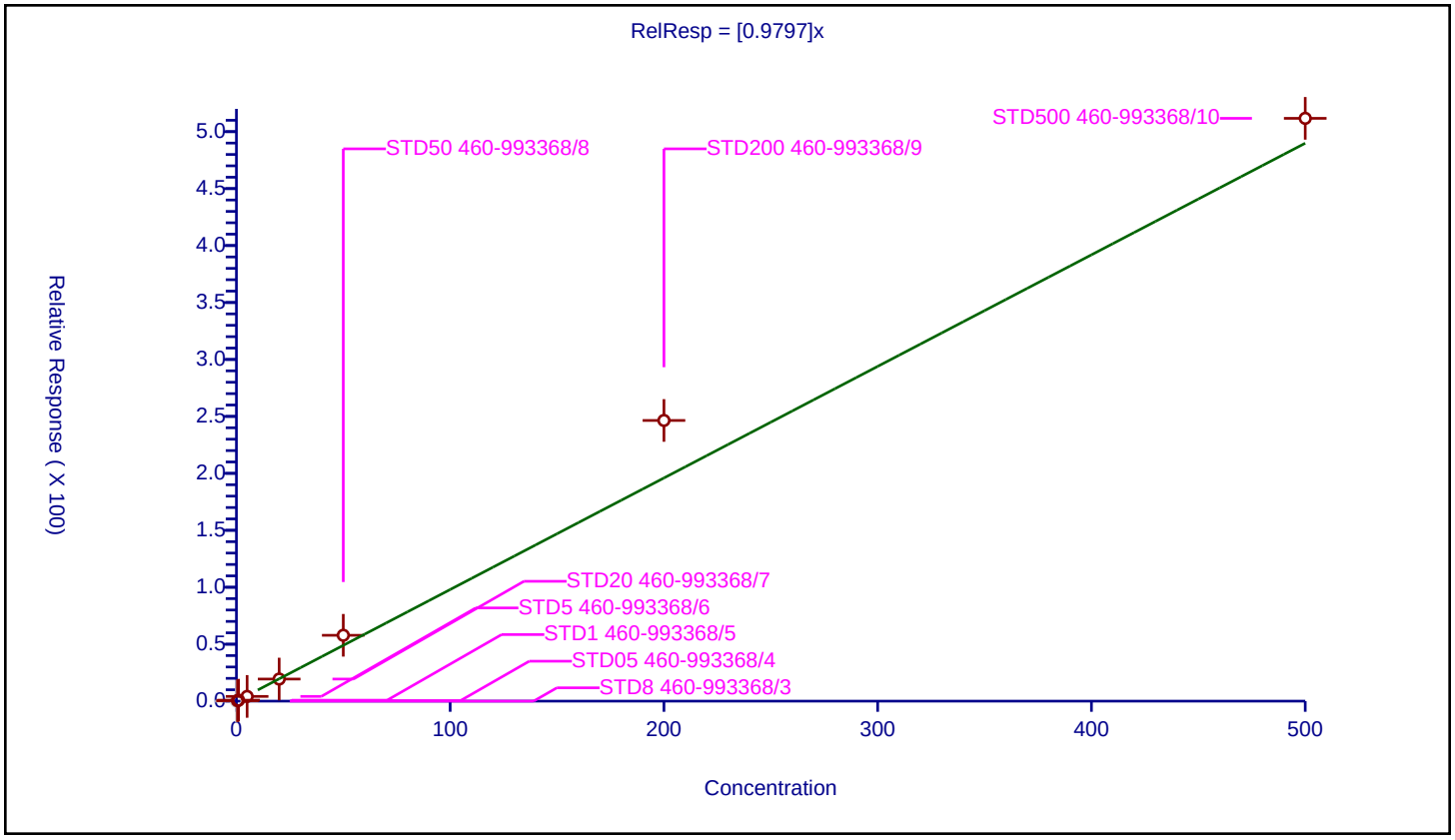
Curve Coefficients

Intercept:	0
Slope:	0.9797

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.407823	50.0	296084.0	0.815647	Y
3	STD1 460-993368/5	1.0	0.83146	50.0	294482.0	0.83146	Y
4	STD5 460-993368/6	5.0	4.144836	50.0	301749.0	0.828967	Y
5	STD20 460-993368/7	20.0	19.394566	50.0	297836.0	0.969728	Y
6	STD50 460-993368/8	50.0	57.825849	50.0	308318.0	1.156517	Y
7	STD200 460-993368/9	200.0	246.434246	50.0	322863.0	1.232171	Y
8	STD500 460-993368/10	500.0	511.689969	50.0	330651.0	1.02338	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

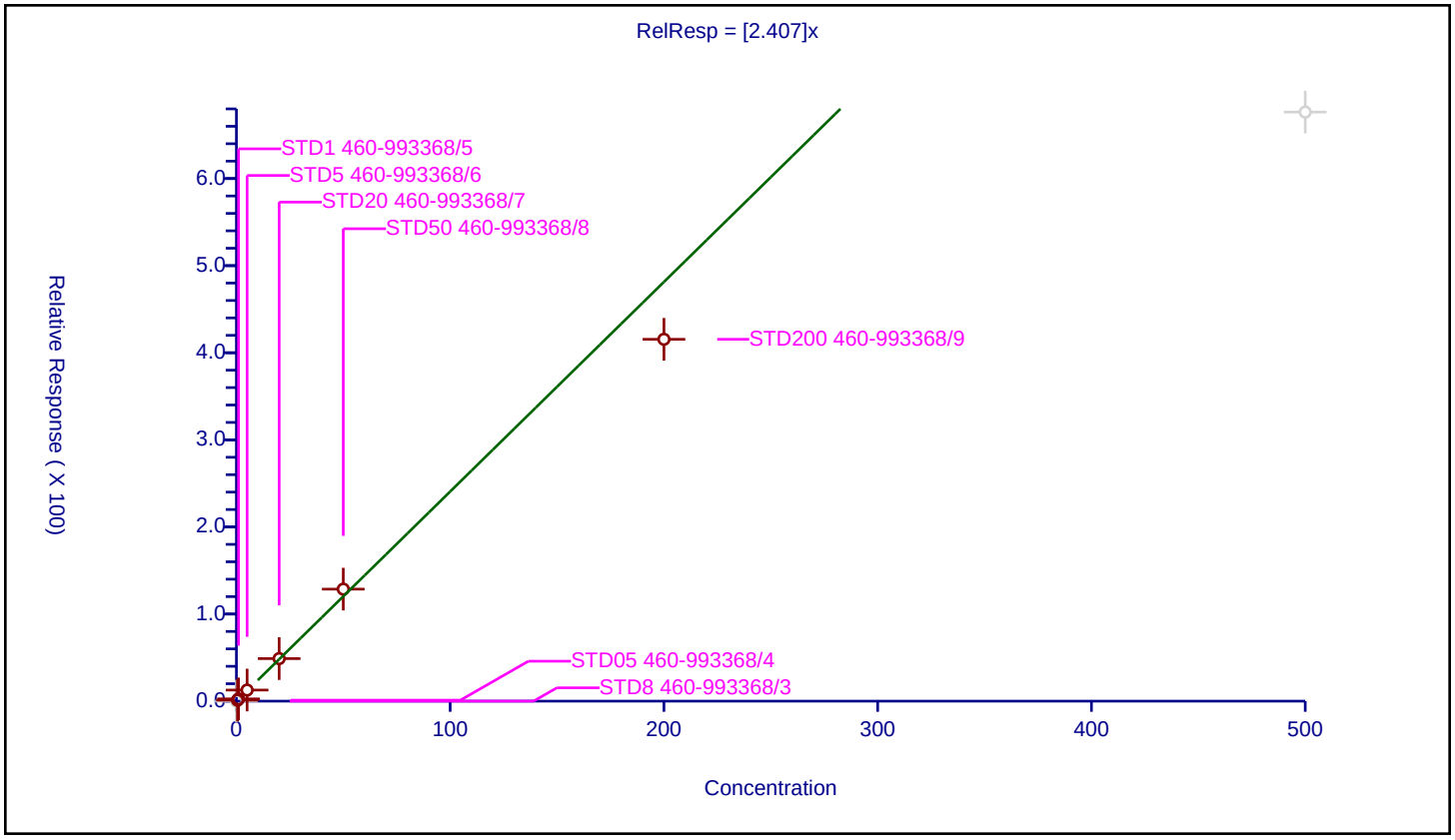
Curve Coefficients

Intercept:	0
Slope:	2.407

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.111678	50.0	296084.0	2.223356	Y
3	STD1 460-993368/5	1.0	2.574521	50.0	294482.0	2.574521	Y
4	STD5 460-993368/6	5.0	12.748178	50.0	301749.0	2.549636	Y
5	STD20 460-993368/7	20.0	48.841812	50.0	297836.0	2.442091	Y
6	STD50 460-993368/8	50.0	128.620126	50.0	308318.0	2.572403	Y
7	STD200 460-993368/9	200.0	415.444631	50.0	322863.0	2.077223	Y
8	STD500 460-993368/10	500.0	676.345301	50.0	330651.0	1.352691	N



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

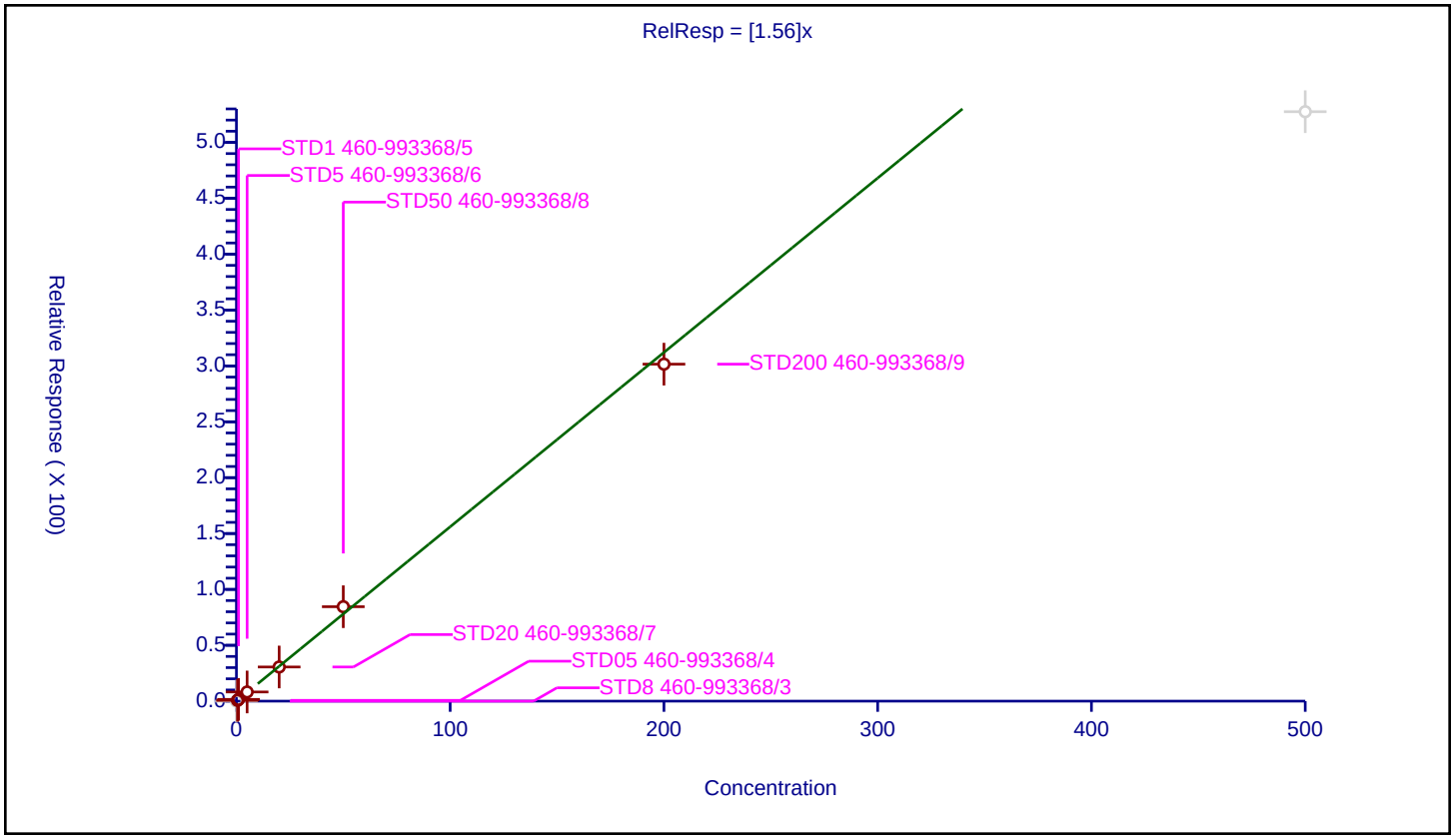
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.71044	50.0	296084.0	1.420881	Y
3	STD1 460-993368/5	1.0	1.571573	50.0	294482.0	1.571573	Y
4	STD5 460-993368/6	5.0	8.216929	50.0	301749.0	1.643386	Y
5	STD20 460-993368/7	20.0	30.56615	50.0	297836.0	1.528308	Y
6	STD50 460-993368/8	50.0	84.50804	50.0	308318.0	1.690161	Y
7	STD200 460-993368/9	200.0	301.57683	50.0	322863.0	1.507884	Y
8	STD500 460-993368/10	500.0	527.503319	50.0	330651.0	1.055007	N



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

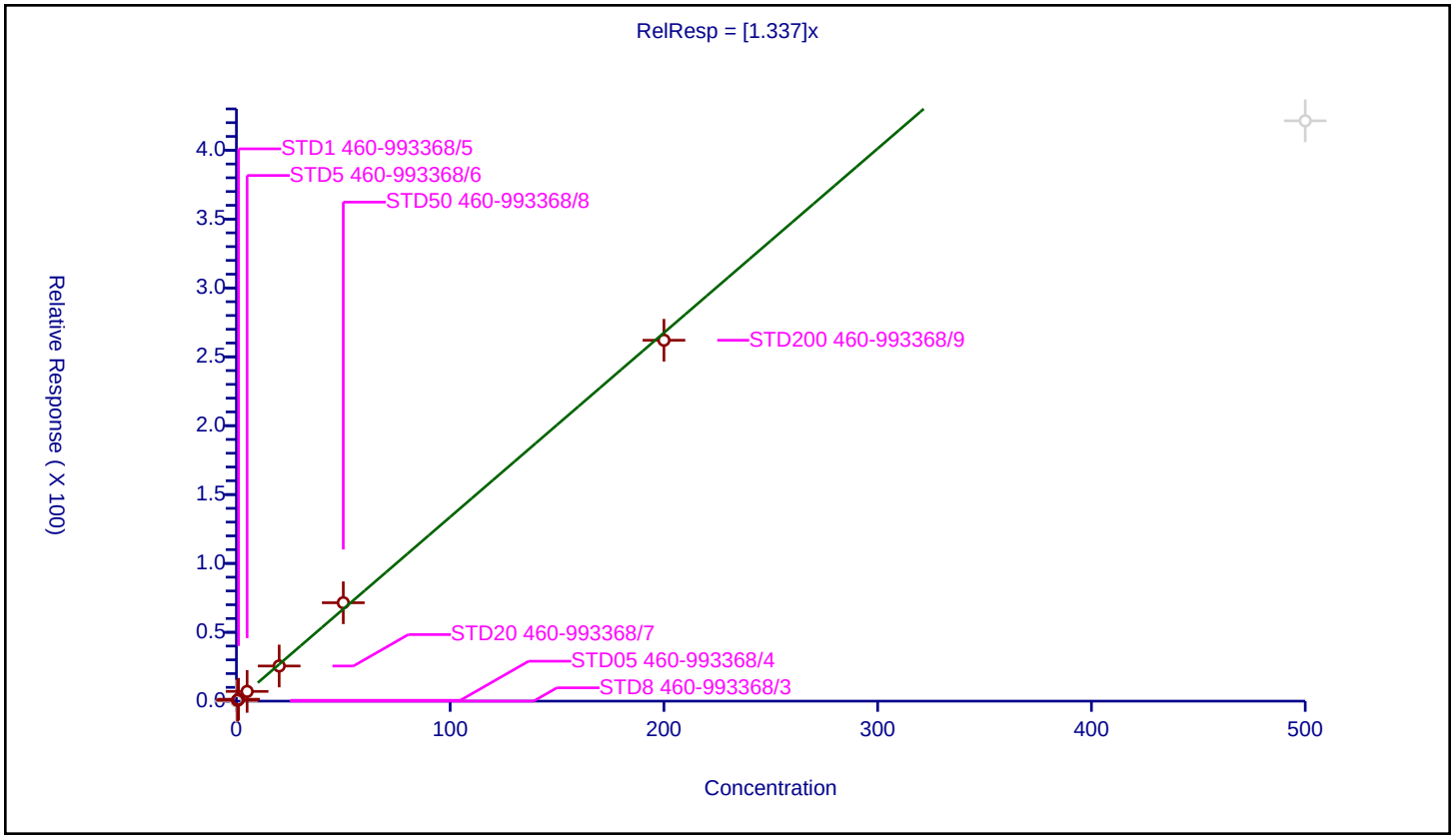
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.60422	50.0	296084.0	1.208441	Y
3	STD1 460-993368/5	1.0	1.38837	50.0	294482.0	1.38837	Y
4	STD5 460-993368/6	5.0	7.059013	50.0	301749.0	1.411803	Y
5	STD20 460-993368/7	20.0	25.521428	50.0	297836.0	1.276071	Y
6	STD50 460-993368/8	50.0	71.44831	50.0	308318.0	1.428966	Y
7	STD200 460-993368/9	200.0	262.042105	50.0	322863.0	1.310211	Y
8	STD500 460-993368/10	500.0	421.353028	50.0	330651.0	0.842706	N



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

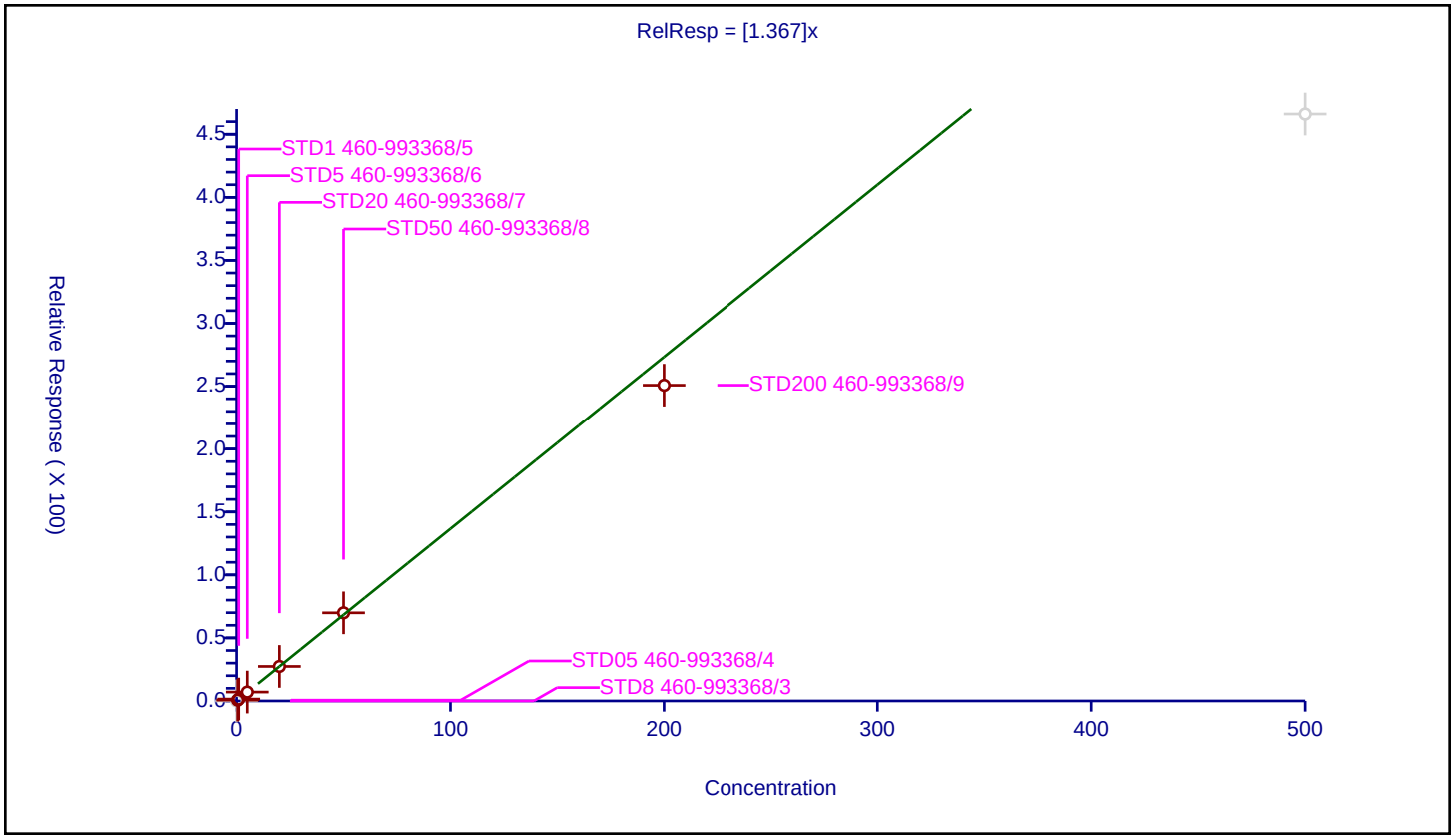
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.637995	50.0	296084.0	1.275989	Y
3	STD1 460-993368/5	1.0	1.495338	50.0	294482.0	1.495338	Y
4	STD5 460-993368/6	5.0	7.041448	50.0	301749.0	1.40829	Y
5	STD20 460-993368/7	20.0	27.360192	50.0	297836.0	1.36801	Y
6	STD50 460-993368/8	50.0	69.877043	50.0	308318.0	1.397541	Y
7	STD200 460-993368/9	200.0	250.791667	50.0	322863.0	1.253958	Y
8	STD500 460-993368/10	500.0	466.016737	50.0	330651.0	0.932033	N



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

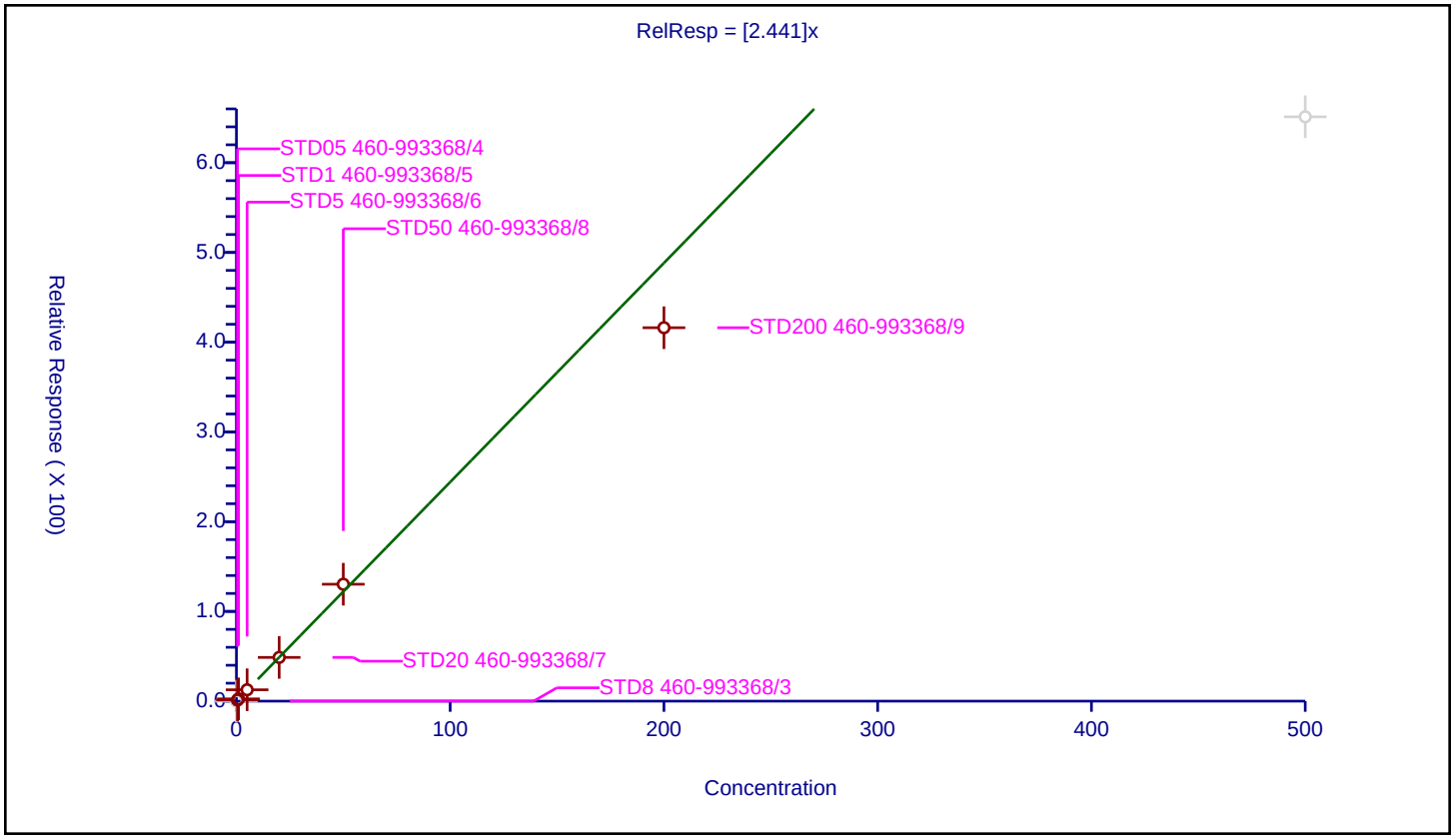
Curve Coefficients

Intercept:	0
Slope:	2.441

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.249476	50.0	296084.0	2.498953	Y
3	STD1 460-993368/5	1.0	2.496248	50.0	294482.0	2.496248	Y
4	STD5 460-993368/6	5.0	12.653894	50.0	301749.0	2.530779	Y
5	STD20 460-993368/7	20.0	48.730006	50.0	297836.0	2.4365	Y
6	STD50 460-993368/8	50.0	130.27037	50.0	308318.0	2.605407	Y
7	STD200 460-993368/9	200.0	416.152052	50.0	322863.0	2.08076	Y
8	STD500 460-993368/10	500.0	651.192798	50.0	330651.0	1.302386	N



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

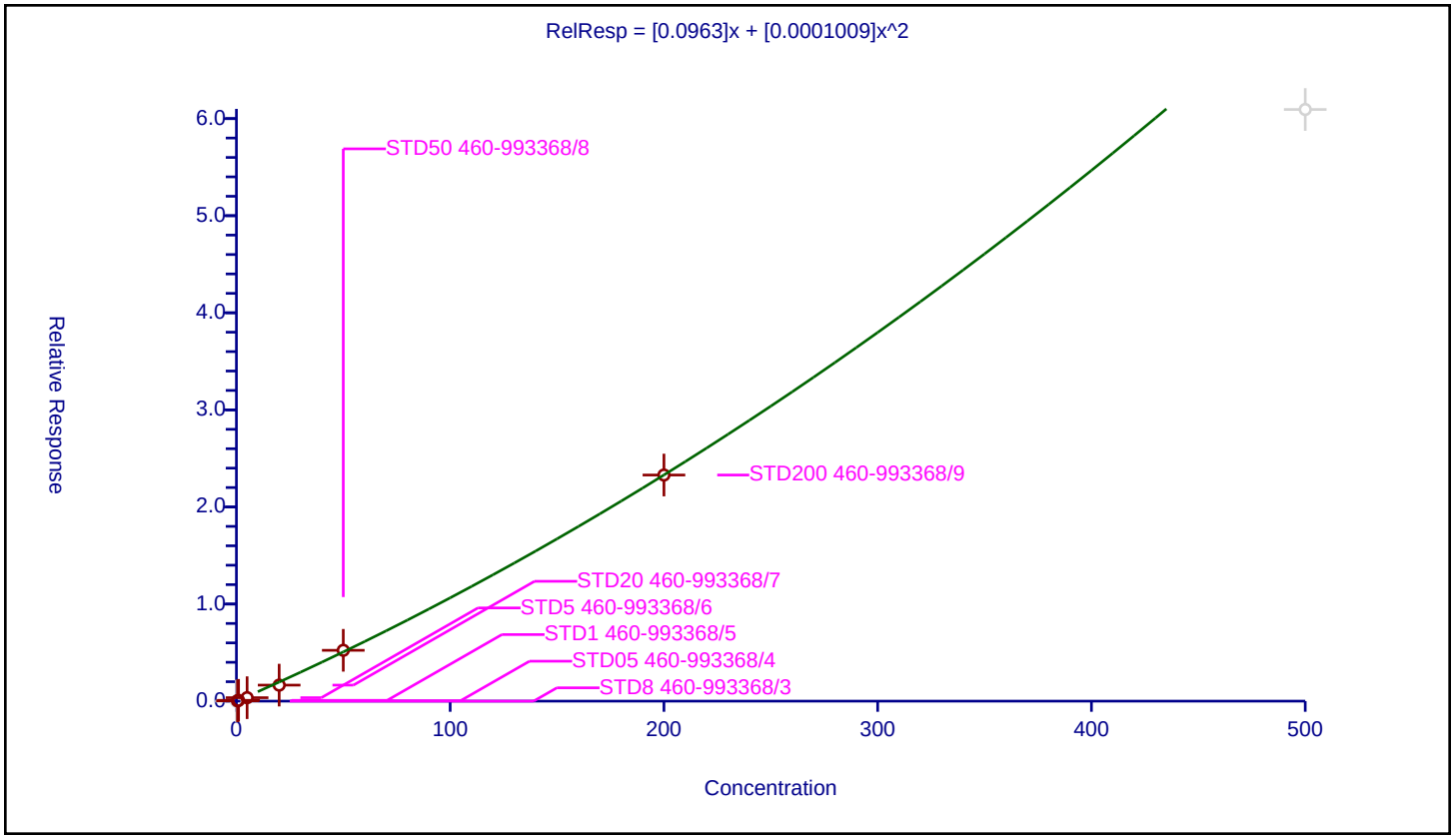
Curve Coefficients

Intercept:	0
Slope:	0.0963
Second Order:	0.0001009

Error Coefficients

Relative Standard Deviation:	23.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.033099	50.0	296084.0	0.066197	Y
3	STD1 460-993368/5	1.0	0.08082	50.0	294482.0	0.08082	Y
4	STD5 460-993368/6	5.0	0.355262	50.0	301749.0	0.071052	Y
5	STD20 460-993368/7	20.0	1.650069	50.0	297836.0	0.082503	Y
6	STD50 460-993368/8	50.0	5.236477	50.0	308318.0	0.10473	Y
7	STD200 460-993368/9	200.0	23.28929	50.0	322863.0	0.116446	Y
8	STD500 460-993368/10	500.0	60.937968	50.0	330651.0	0.121876	N



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

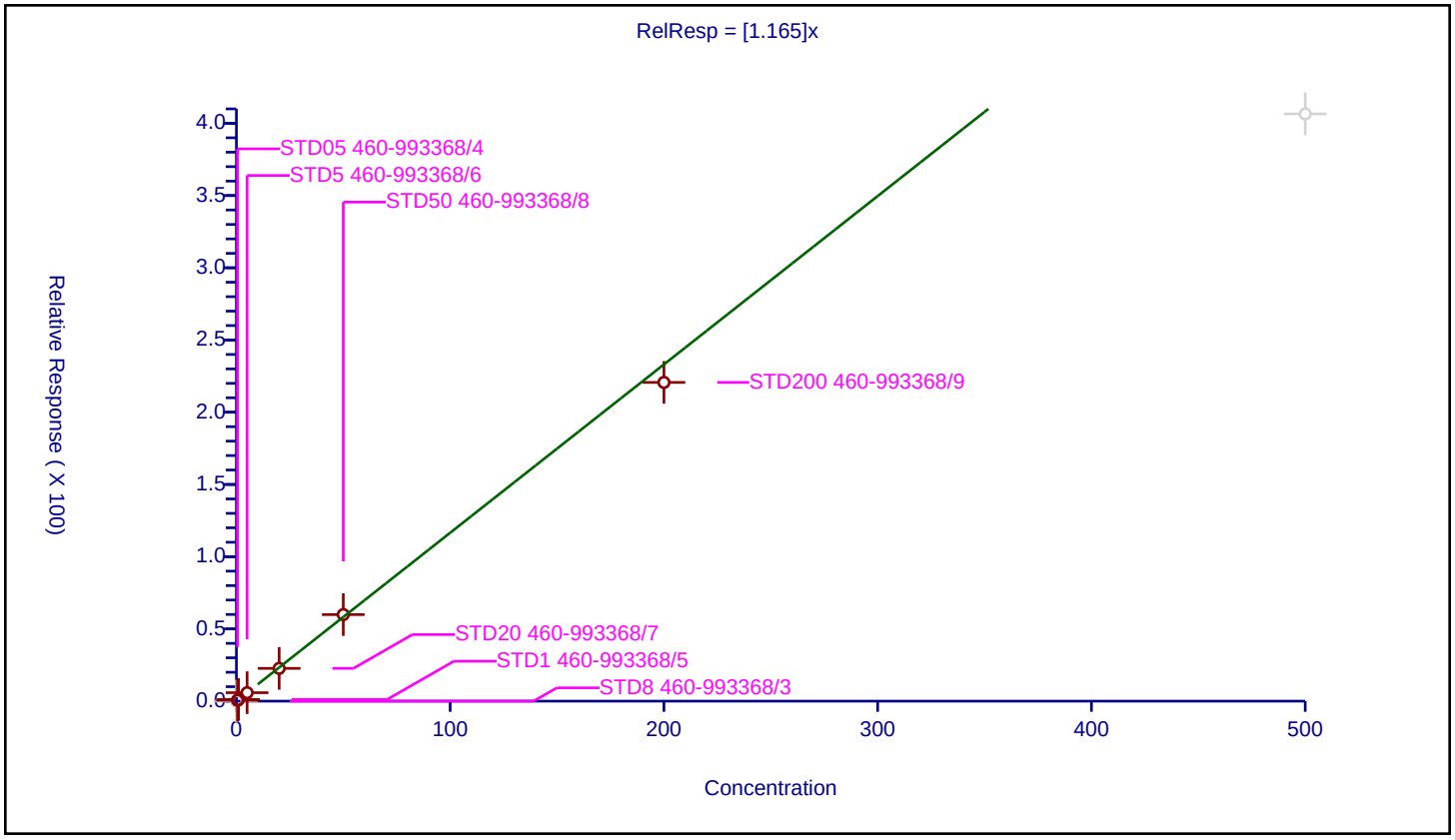
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.61621	50.0	296084.0	1.232421	Y
3	STD1 460-993368/5	1.0	1.152023	50.0	294482.0	1.152023	Y
4	STD5 460-993368/6	5.0	5.860997	50.0	301749.0	1.172199	Y
5	STD20 460-993368/7	20.0	22.691851	50.0	297836.0	1.134593	Y
6	STD50 460-993368/8	50.0	59.922061	50.0	308318.0	1.198441	Y
7	STD200 460-993368/9	200.0	220.645754	50.0	322863.0	1.103229	Y
8	STD500 460-993368/10	500.0	406.506861	50.0	330651.0	0.813014	N



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

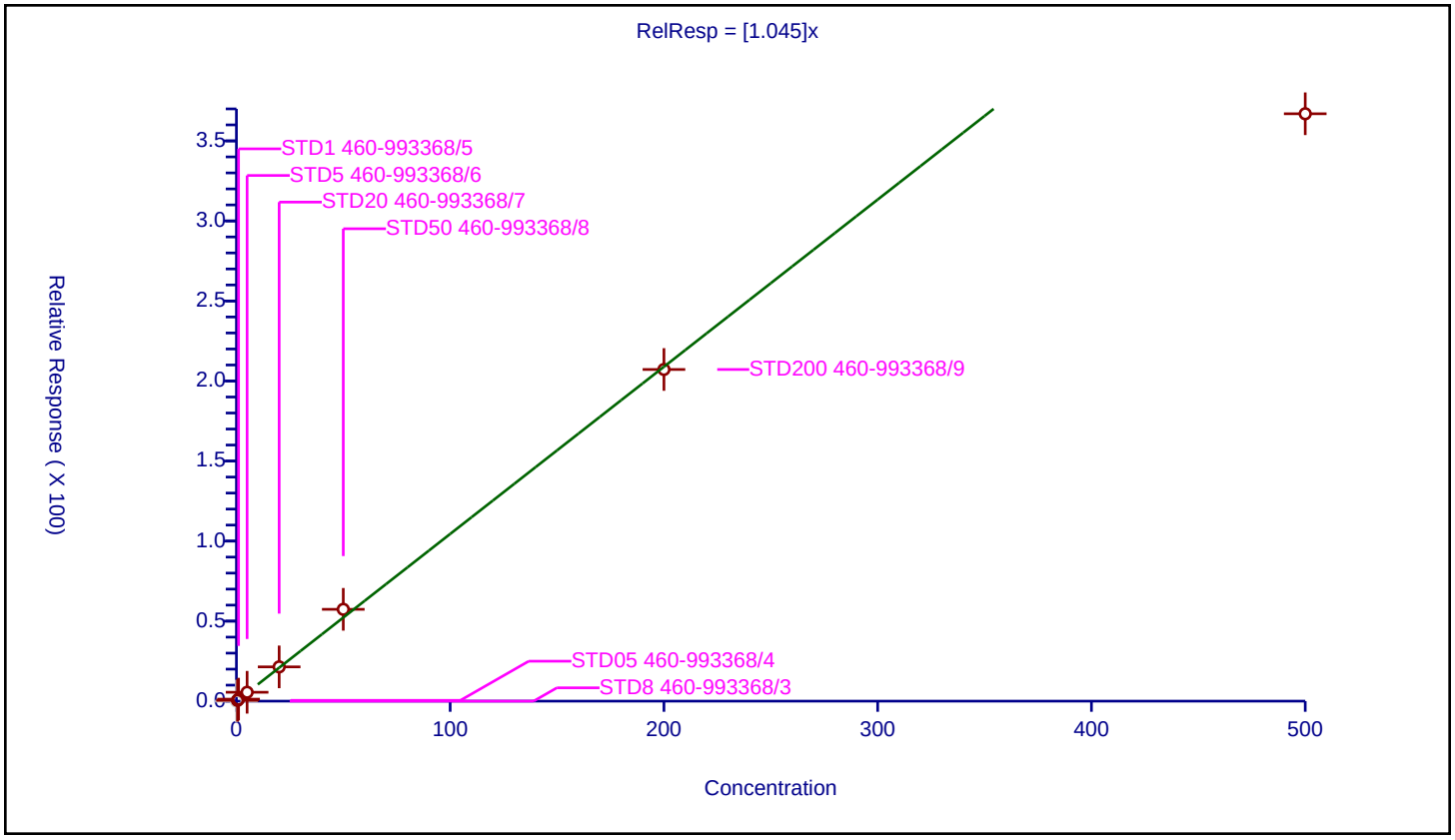
Curve Coefficients

Intercept:	0
Slope:	1.045

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.488544	50.0	296084.0	0.977088	Y
3	STD1 460-993368/5	1.0	1.237936	50.0	294482.0	1.237936	Y
4	STD5 460-993368/6	5.0	5.543349	50.0	301749.0	1.10867	Y
5	STD20 460-993368/7	20.0	21.409937	50.0	297836.0	1.070497	Y
6	STD50 460-993368/8	50.0	57.369502	50.0	308318.0	1.14739	Y
7	STD200 460-993368/9	200.0	207.203984	50.0	322863.0	1.03602	Y
8	STD500 460-993368/10	500.0	366.962749	50.0	330651.0	0.733925	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

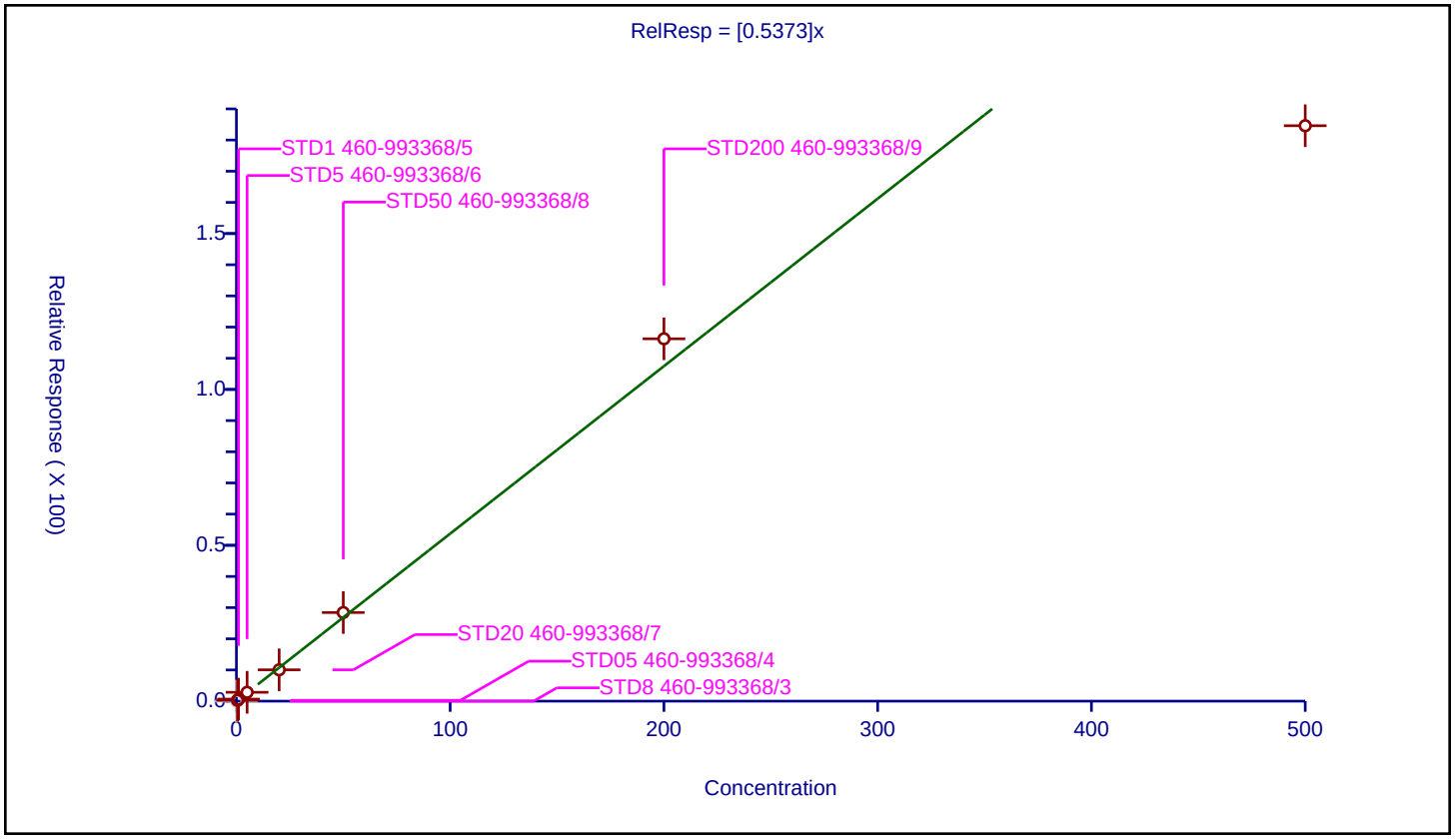
Curve Coefficients

Intercept:	0
Slope:	0.5373

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.263101	50.0	296084.0	0.526202	Y
3	STD1 460-993368/5	1.0	0.644522	50.0	294482.0	0.644522	Y
4	STD5 460-993368/6	5.0	2.844914	50.0	301749.0	0.568983	Y
5	STD20 460-993368/7	20.0	10.051673	50.0	297836.0	0.502584	Y
6	STD50 460-993368/8	50.0	28.430387	50.0	308318.0	0.568608	Y
7	STD200 460-993368/9	200.0	116.243732	50.0	322863.0	0.581219	Y
8	STD500 460-993368/10	500.0	184.598111	50.0	330651.0	0.369196	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

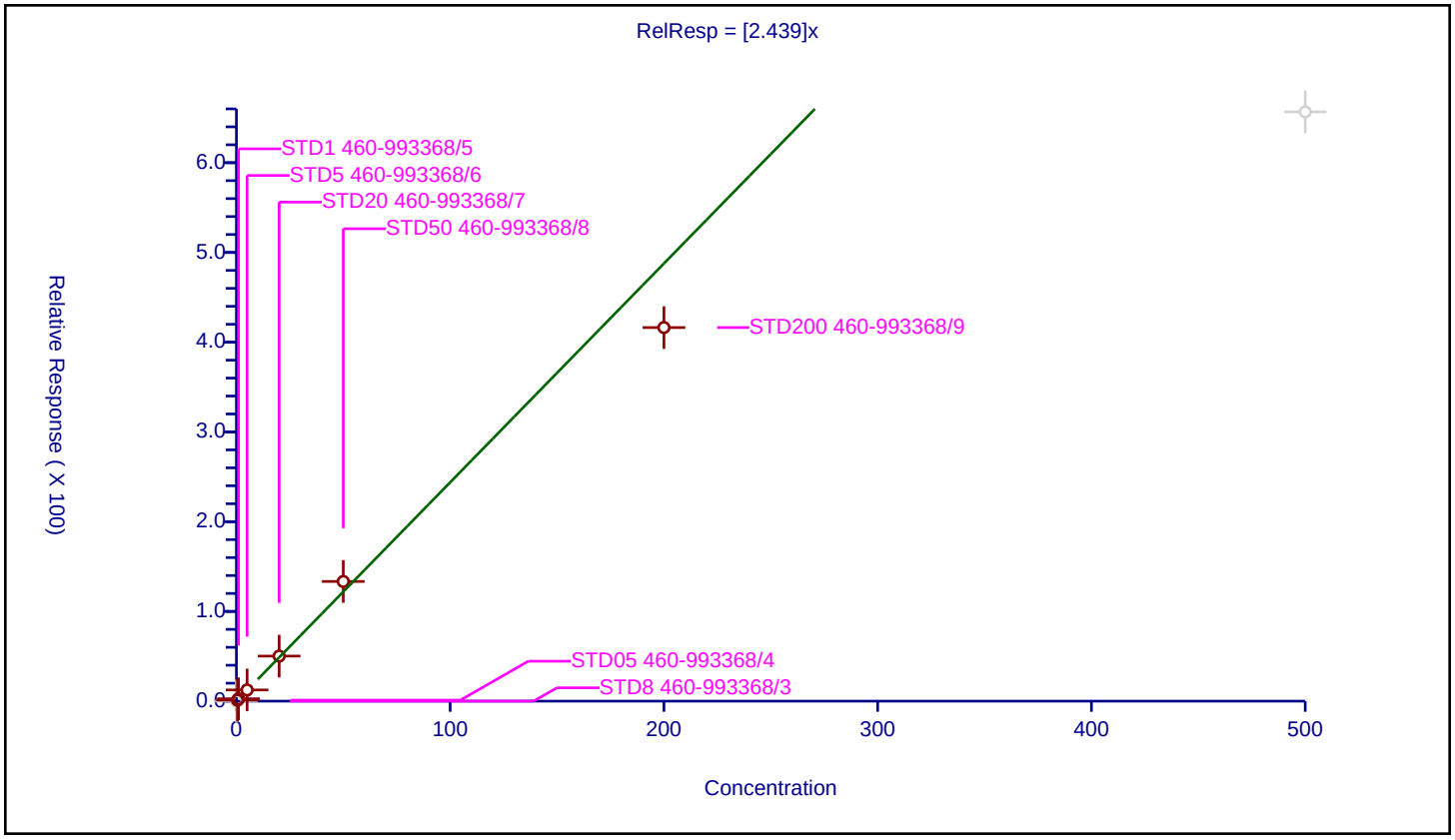
Curve Coefficients

Intercept:	0
Slope:	2.439

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.123668	50.0	296084.0	2.247335	Y
3	STD1 460-993368/5	1.0	2.630381	50.0	294482.0	2.630381	Y
4	STD5 460-993368/6	5.0	12.474109	50.0	301749.0	2.494822	Y
5	STD20 460-993368/7	20.0	50.206657	50.0	297836.0	2.510333	Y
6	STD50 460-993368/8	50.0	133.378363	50.0	308318.0	2.667567	Y
7	STD200 460-993368/9	200.0	416.323332	50.0	322863.0	2.081617	Y
8	STD500 460-993368/10	500.0	656.665034	50.0	330651.0	1.31333	N



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

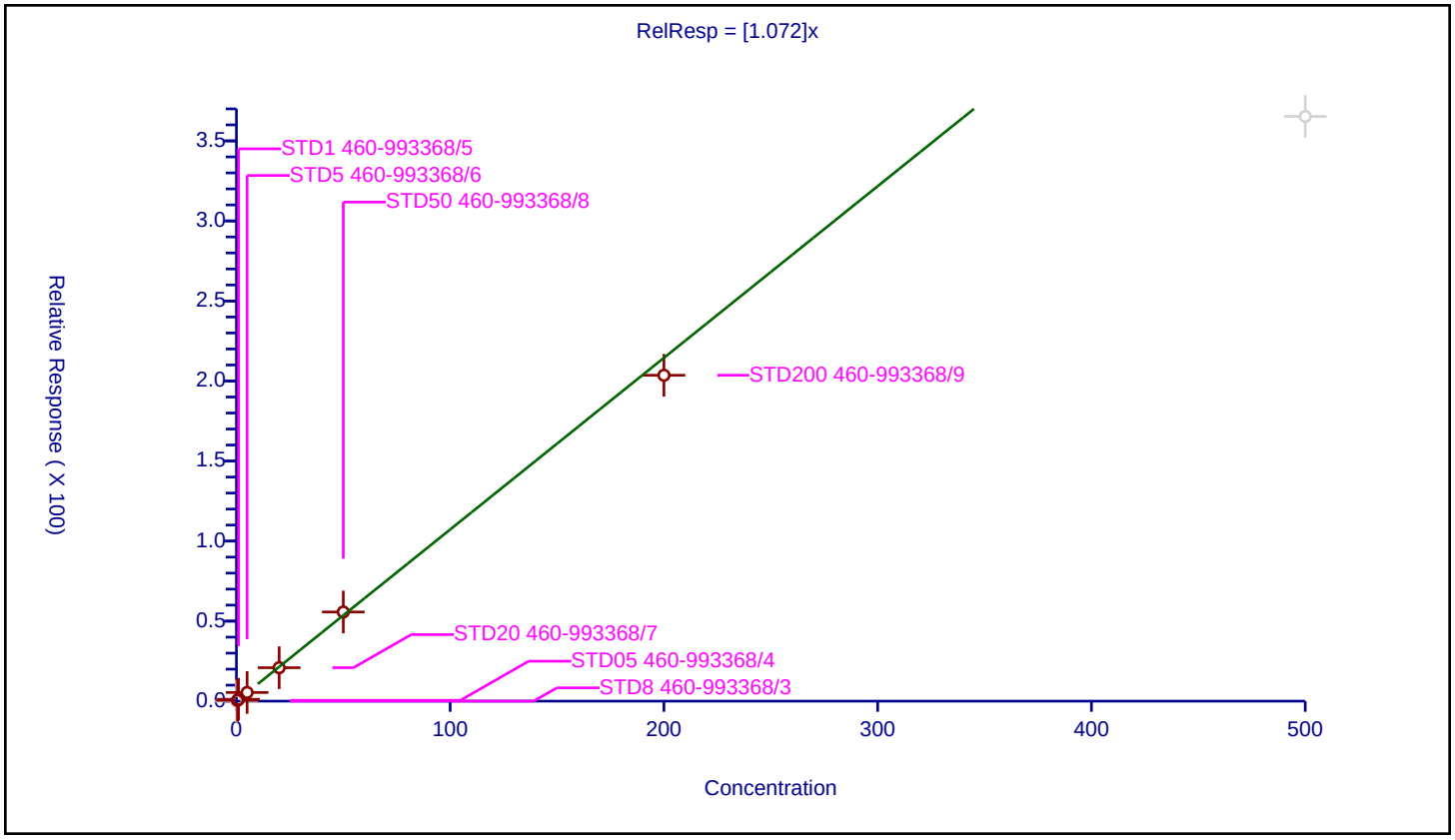
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.51455	50.0	296084.0	1.0291	Y
3	STD1 460-993368/5	1.0	1.147948	50.0	294482.0	1.147948	Y
4	STD5 460-993368/6	5.0	5.404823	50.0	301749.0	1.080965	Y
5	STD20 460-993368/7	20.0	20.883976	50.0	297836.0	1.044199	Y
6	STD50 460-993368/8	50.0	55.705797	50.0	308318.0	1.114116	Y
7	STD200 460-993368/9	200.0	203.597191	50.0	322863.0	1.017986	Y
8	STD500 460-993368/10	500.0	365.278496	50.0	330651.0	0.730557	N



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0220		9.36	20.0	-53.2*	30.0
1,1-Difluoroethane	Ave	0.1265	0.1012		16.0	20.0	-20.0	30.0
Dichlorodifluoromethane	Ave	0.3006	0.2122	0.1000	14.1	20.0	-29.4	30.0
Chlorodifluoromethane	QuaF		0.0280		15.5	20.0	-22.6	30.0
Chloromethane	Ave	0.3602	0.3341	0.1000	18.5	20.0	-7.3	30.0
Vinyl chloride	Ave	0.3161	0.3224	0.1000	20.4	20.0	2.0	30.0
Butadiene	Ave	0.2969	0.2930		19.7	20.0	-1.3	30.0
Bromomethane	Ave	0.2231	0.2356	0.1000	21.1	20.0	5.6	30.0
Chloroethane	Ave	0.2083	0.1828	0.1000	17.5	20.0	-12.3	30.0
Dichlorofluoromethane	Ave	0.5320	0.5270		19.8	20.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.3198	0.2977	0.1000	18.6	20.0	-6.9	30.0
Pentane	QuaF		0.0182		19.5	40.0	-51.3*	30.0
Ethanol	Lin2		0.3873		770	800	-3.7	30.0
Ethyl ether	Lin2		0.1566		20.3	20.0	1.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2078	0.1704		16.4	20.0	-18.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2015	0.1866		18.5	20.0	-7.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3554	0.3122		17.6	20.0	-12.2	30.0
Acrolein	Ave	0.0430	0.0312		28.7	39.5	-27.4	30.0
Freon TF	Ave	0.1940	0.1421	0.1000	14.6	20.0	-26.8	30.0
1,1-Dichloroethene	Ave	0.2362	0.2094	0.1000	17.7	20.0	-11.3	30.0
Acetone	Ave	0.7188	0.6620	0.0500	92.1	100	-7.9	30.0
Iodomethane	Ave	0.4063	0.4020		19.8	20.0	-1.1	30.0
Isopropyl alcohol	Ave	4.067	3.807		187	200	-6.4	30.0
Carbon disulfide	Ave	0.8445	0.7337	0.1000	17.4	20.0	-13.1	30.0
3-Chloro-1-propene	Ave	0.1606	0.1659		20.7	20.0	3.3	30.0
Methyl acetate	Ave	0.1987	0.2032	0.1000	40.9	40.0	2.3	30.0
Cyclopentene	Ave	0.4960	0.3905		15.7	20.0	-21.3	30.0
Acetonitrile	Ave	0.3112	0.2211		142	200	-29.0	30.0
Methylene Chloride	Ave	0.2927	0.2904	0.1000	19.8	20.0	-0.8	30.0
2-Methyl-2-propanol	Ave	6.505	6.231		192	200	-4.2	30.0
MTBE	Ave	0.7287	0.7343	0.1000	20.2	20.0	0.8	30.0
trans-1,2-Dichloroethene	Ave	0.2540	0.2594	0.1000	20.4	20.0	2.1	30.0
Acrylonitrile	Ave	0.0983	0.1065		217	200	8.4	30.0
Hexane	Ave	0.2656	0.1840		13.9	20.0	-30.7*	30.0
Isopropyl ether	Ave	0.8766	0.9168		20.9	20.0	4.6	30.0
1,1-Dichloroethane	Ave	0.4711	0.4875	0.2000	20.7	20.0	3.5	30.0
Vinyl acetate	Ave	0.3451	0.4628		53.6	40.0	34.1*	30.0
2-Chloro-1,3-butadiene	Ave	0.2130	0.2224		20.9	20.0	4.4	30.0
Tert-butyl ethyl ether	Ave	0.7812	0.8195		21.0	20.0	4.9	30.0
2,2-Dichloropropane	Ave	0.0723	0.0867		24.0	20.0	19.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2875	0.2915	0.1000	20.3	20.0	1.4	30.0
2-Butanone	Ave	0.2625	0.2531	0.0500	96.4	100	-3.6	30.0
Ethyl acetate	Ave	0.2301	0.2460		42.8	40.0	6.9	30.0
Methyl acrylate	Ave	0.2101	0.2256		21.5	20.0	7.4	30.0
Propionitrile	Ave	11.46	10.84		189	200	-5.3	30.0
Chlorobromomethane	Ave	0.1405	0.1383		19.7	20.0	-1.6	30.0
Tetrahydrofuran	Ave	0.3152	0.3139		39.8	40.0	-0.4	30.0
Methacrylonitrile	Ave	0.0993	0.1090		220	200	9.8	30.0
Chloroform	Ave	0.4194	0.4303	0.2000	20.5	20.0	2.6	30.0
Cyclohexane	Ave	0.3244	0.2553	0.1000	15.7	20.0	-21.3	30.0
1,1,1-Trichloroethane	Ave	0.3093	0.3273	0.1000	21.2	20.0	5.8	30.0
Carbon tetrachloride	Ave	0.2043	0.2162	0.1000	21.2	20.0	5.8	30.0
1,1-Dichloropropene	Ave	0.3177	0.3146		19.8	20.0	-1.0	30.0
Isobutyl alcohol	Ave	2.174	2.591		596	500	19.2	30.0
Isooctane	Ave	0.7470	0.5499		14.7	20.0	-26.4	30.0
Benzene	Ave	1.461	1.482	0.5000	20.3	20.0	1.4	30.0
Isopropyl acetate	Ave	0.1306	0.1403		21.5	20.0	7.4	30.0
Tert-amyl methyl ether	Ave	0.7929	0.8103		20.4	20.0	2.2	30.0
1,2-Dichloroethane	Ave	0.3263	0.3107	0.1000	19.0	20.0	-4.8	30.0
n-Heptane	Ave	0.0441	0.0329		14.9	20.0	-25.5	30.0
n-Butanol	Ave	1.455	1.549		532	500	6.4	30.0
Trichloroethene	Ave	0.2372	0.2468	0.2000	20.8	20.0	4.0	30.0
Ethyl acrylate	QuaF		0.0301		15.4	20.0	-22.9	30.0
Methylcyclohexane	Ave	0.3708	0.2864	0.1000	15.4	20.0	-22.8	30.0
1,2-Dichloropropane	Ave	0.2654	0.2785	0.1000	21.0	20.0	5.0	30.0
Methyl methacrylate	Ave	0.0558	0.0611		43.8	40.0	9.6	30.0
1,4-Dioxane	Ave	1.087	1.169		430	400	7.6	30.0
Dibromomethane	Ave	0.1525	0.1597		20.9	20.0	4.7	30.0
n-Propyl acetate	Ave	0.3434	0.3363		19.6	20.0	-2.1	30.0
Bromodichloromethane	Ave	0.2749	0.2893	0.2000	21.1	20.0	5.3	30.0
2-Nitropropane	QuaF		0.0293		36.6	40.0	-8.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1646	0.1642		20.0	20.0	-0.2	30.0
Epichlorohydrin	Ave	0.2121	0.2420		22.8	20.0	14.1	30.0
cis-1,3-Dichloropropene	Ave	0.5312	0.5392	0.2000	20.3	20.0	1.5	30.0
4-Methyl-2-pentanone	Ave	0.8755	0.9246	0.0500	106	100	5.6	30.0
Toluene	Ave	1.570	1.494	0.4000	19.0	20.0	-4.9	30.0
trans-1,3-Dichloropropene	Ave	0.4470	0.5062	0.1000	22.6	20.0	13.2	30.0
Ethyl methacrylate	QuaF		0.4389		18.8	20.0	-5.8	30.0
1,1,2-Trichloroethane	Ave	0.2577	0.2745	0.1000	21.3	20.0	6.5	30.0
Tetrachloroethene	Ave	0.3289	0.3425	0.2000	20.8	20.0	4.1	30.0
1,3-Dichloropropane	Ave	0.5184	0.5519		21.3	20.0	6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.396	1.480	0.0500	106	100	6.0	30.0
n-Butyl acetate	Ave	0.4716	0.5334		22.6	20.0	13.1	30.0
Dibromochloromethane	Ave	0.2453	0.2713	0.1000	22.1	20.0	10.6	30.0
1,2-Dibromoethane	Ave	0.2890	0.3053	0.1000	21.1	20.0	5.6	30.0
Chlorobenzene	Ave	0.9125	0.9679	0.5000	21.2	20.0	6.1	30.0
Ethylbenzene	Ave	0.4930	0.5306	0.1000	21.5	20.0	7.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2656	0.2848		21.4	20.0	7.2	30.0
m-Xylene & p-Xylene	Ave	0.5904	0.6420	0.1000	21.7	20.0	8.7	30.0
o-Xylene	Ave	0.6027	0.6744	0.3000	22.4	20.0	11.9	30.0
n-Butyl acrylate	Ave	0.2000	0.2598		26.0	20.0	29.9	30.0
Styrene	Ave	0.9541	1.079	0.3000	22.6	20.0	13.1	30.0
Bromoform	Qua2		0.1614	0.1000	22.9	20.0	14.4	30.0
Amyl acetate (mixed isomers)	QuaF		1.159		17.9	20.0	-10.6	30.0
Isopropylbenzene	Ave	1.370	1.645	0.1000	24.0	20.0	20.1	30.0
Bromobenzene	Ave	0.7116	0.7634		21.5	20.0	7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6869	0.7844	0.3000	22.8	20.0	14.2	30.0
N-Propylbenzene	Ave	3.228	3.658		22.7	20.0	13.3	30.0
1,2,3-Trichloropropane	Ave	0.1961	0.2098		21.4	20.0	7.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1589	0.1770		22.3	20.0	11.4	30.0
2-Chlorotoluene	Ave	2.266	2.477		21.9	20.0	9.3	30.0
4-Ethyltoluene	Ave	2.704	2.959		21.9	20.0	9.4	30.0
1,3,5-Trimethylbenzene	Ave	2.237	2.513		22.5	20.0	12.3	30.0
4-Chlorotoluene	Ave	2.178	2.351		21.6	20.0	7.9	30.0
Butyl Methacrylate	QuaF		0.7251		16.8	20.0	-16.0	30.0
tert-Butylbenzene	Ave	1.879	2.039		21.7	20.0	8.5	30.0
1,2,4-Trimethylbenzene	Ave	2.330	2.659		22.8	20.0	14.1	30.0
sec-Butylbenzene	Ave	2.850	3.201		22.5	20.0	12.3	30.0
1,3-Dichlorobenzene	Ave	1.391	1.464	0.6000	21.0	20.0	5.2	30.0
4-Isopropyltoluene	Ave	2.442	2.766		22.7	20.0	13.3	30.0
1,4-Dichlorobenzene	Ave	1.387	1.495	0.5000	21.6	20.0	7.8	30.0
1,2,3-Trimethylbenzene	Ave	2.532	2.764		21.8	20.0	9.2	30.0
Benzyl chloride	Ave	0.9797	1.276		26.0	20.0	30.2*	30.0
Indan	Ave	2.407	2.743		22.8	20.0	14.0	30.0
p-Diethylbenzene	Ave	1.560	1.751		22.4	20.0	12.2	30.0
n-Butylbenzene	Ave	1.337	1.503		22.5	20.0	12.4	30.0
1,2-Dichlorobenzene	Ave	1.367	1.461	0.4000	21.4	20.0	6.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.760		22.6	20.0	13.1	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1051	0.0500	21.3	20.0	6.7	30.0
1,3,5-Trichlorobenzene	Ave	1.165	1.249		21.4	20.0	7.2	30.0
1,2,4-Trichlorobenzene	Ave	1.045	1.194	0.2000	22.9	20.0	14.3	30.0
Hexachlorobutadiene	Ave	0.5373	0.5883		21.9	20.0	9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.439	2.728		22.4	20.0	11.9	30.0
1,2,3-Trichlorobenzene	Ave	1.072	1.143		21.3	20.0	6.6	30.0
Monochloropentafluoroethane	QuaF		0.0005		3.40	20.0	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.2420	0.2370		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2861	0.2747		48.0	50.0	-4.0	30.0
Toluene-d8 (Surr)	Ave	1.339	1.350		50.4	50.0	0.8	30.0
Bromofluorobenzene	Ave	0.4204	0.4197		49.9	50.0	-0.2	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Aug-2024 13:25:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0180260-015
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:49:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:49:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	50	7449	20.0	9.36	Ma
2 1,1-Difluoroethane	65	1.326	1.320	0.006	97	34182	20.0	16.0	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	62	71698	20.0	14.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	9473	20.0	15.5	a
6 Chloromethane	50	1.497	1.491	0.006	99	112864	20.0	18.5	
7 Vinyl chloride	62	1.558	1.558	0.000	98	108916	20.0	20.4	
8 Butadiene	54	1.576	1.570	0.006	95	99004	20.0	19.7	
9 Bromomethane	94	1.820	1.820	0.000	98	79604	20.0	21.1	
10 Chloroethane	64	1.881	1.881	0.000	100	61750	20.0	17.5	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	178046	20.0	19.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	61	100567	20.0	18.6	
13 Pentane	72	2.076	2.070	0.006	97	12331	40.0	19.5	
14 Ethanol	46	2.222	2.234	-0.012	81	18462	800.0	770.3	
15 Ethyl ether	74	2.235	2.234	0.001	97	52918	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	57578	20.0	16.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	86	63042	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	105489	20.0	17.6	
19 Acrolein	56	2.393	2.387	0.006	87	20808	39.5	28.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.405	2.411	-0.006	96	47997	20.0	14.6	Ma
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	70764	20.0	17.7	
22 Acetone	43	2.503	2.497	0.006	87	121624	100.0	92.1	
23 Iodomethane	142	2.570	2.570	0.000	96	135803	20.0	19.8	
25 Isopropyl alcohol	45	2.588	2.588	0.000	33	45368	200.0	187.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	247881	20.0	17.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	94	56065	20.0	20.7	
27 Methyl acetate	43	2.722	2.722	0.000	94	137326	40.0	40.9	
28 Cyclopentene	67	2.734	2.734	0.000	94	131949	20.0	15.7	
29 Acetonitrile	41	2.771	2.771	0.000	96	81231	200.0	142.1	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	59584	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	93	98114	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	91	74256	200.0	191.6	a
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	248077	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	87646	20.0	20.4	
35 Acrylonitrile	53	3.070	3.070	0.000	95	359914	200.0	216.8	
36 Hexane	57	3.155	3.155	0.000	94	62178	20.0	13.9	
37 Isopropyl ether	45	3.350	3.356	-0.006	97	309741	20.0	20.9	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	164712	20.0	20.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	34010	40.0	53.6	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	75145	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	276884	20.0	21.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	459314	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	96	29300	20.0	24.0	
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	95	98502	20.0	20.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	46498	100.0	96.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	18081	40.0	42.8	
47 Methyl acrylate	55	3.942	3.941	0.001	100	76238	20.0	21.5	
48 Propionitrile	54	4.009	4.009	0.000	98	129218	200.0	189.3	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	23069	40.0	39.8	
49 Chlorobromomethane	128	4.088	4.088	0.000	85	46740	20.0	19.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	368149	200.0	219.6	
52 Chloroform	83	4.143	4.143	0.000	98	145377	20.0	20.5	
53 Cyclohexane	84	4.265	4.271	-0.006	92	86247	20.0	15.7	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	97	110567	20.0	21.2	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	200194	50.0	49.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	73046	20.0	21.2	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	106287	20.0	19.8	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	93	77191	500.0	595.8	
59 Isooctane	57	4.588	4.582	0.006	95	185791	20.0	14.7	
60 Benzene	78	4.612	4.612	0.000	96	349203	20.0	20.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	232021	50.0	48.0	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	84	273766	20.0	20.4	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	47407	20.0	21.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	104963	20.0	19.0	
65 n-Heptane	100	4.765	4.771	-0.006	93	11109	20.0	14.9	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	844651	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46139	500.0	532.2	
68 Trichloroethene	95	5.228	5.228	0.000	98	83373	20.0	20.8	
69 Methylcyclohexane	83	5.356	5.356	0.000	72	96766	20.0	15.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	10157	20.0	15.4	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	94110	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	41999	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	41289	40.0	43.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	89	19644	400.0	430.4	
74 Dibromomethane	93	5.636	5.630	0.006	96	53967	20.0	20.9	
76 n-Propyl acetate	43	5.648	5.648	0.000	99	113627	20.0	19.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	97748	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	74	19795	40.0	36.6	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	55487	20.0	20.0	
80 Epichlorohydrin	57	6.222	6.222	0.000	95	8892	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127069	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	169872	100.0	105.6	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	795654	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	352061	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	119300	20.0	22.6	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	103446	20.0	18.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64692	20.0	21.3	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	80711	20.0	20.8	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	130061	20.0	21.3	
90 2-Hexanone	43	7.423	7.423	0.001	97	271899	100.0	106.0	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	125715	20.0	22.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63944	20.0	22.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	97	71962	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	589203	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228111	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	125043	20.0	21.5	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	67114	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	151302	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	95	158952	20.0	22.4	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	61225	20.0	26.0	
101 Styrene	104	9.123	9.123	0.000	95	254388	20.0	22.6	
102 Bromoform	173	9.373	9.367	0.006	98	38032	20.0	22.9	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	90	150882	20.0	17.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	387801	20.0	24.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	247304	50.0	49.9	
106 Bromobenzene	156	9.898	9.898	0.000	98	99409	20.0	21.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	102148	20.0	22.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	476346	20.0	22.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	27321	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23044	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	322576	20.0	21.9	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	385304	20.0	21.9	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327223	20.0	22.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	306106	20.0	21.6	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	94418	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	265568	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	346194	20.0	22.8	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	416833	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	95	190671	20.0	21.0	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	360192	20.0	22.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	325553	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	194671	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	359978	20.0	21.8	
124 Benzyl chloride	91	11.086	11.086	0.000	99	166158	20.0	26.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	357178	20.0	22.8	
126 p-Diethylbenzene	119	11.214	11.214	0.000	94	228010	20.0	22.4	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	195723	20.0	22.5	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	190265	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	359429	20.0	22.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	13680	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	162670	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	155457	20.0	22.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	76610	20.0	21.9	
134 Naphthalene	128	12.775	12.775	0.000	99	355201	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	148812	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	44.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	105.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 05:49:44 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D

Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17

Lims ID: ICV

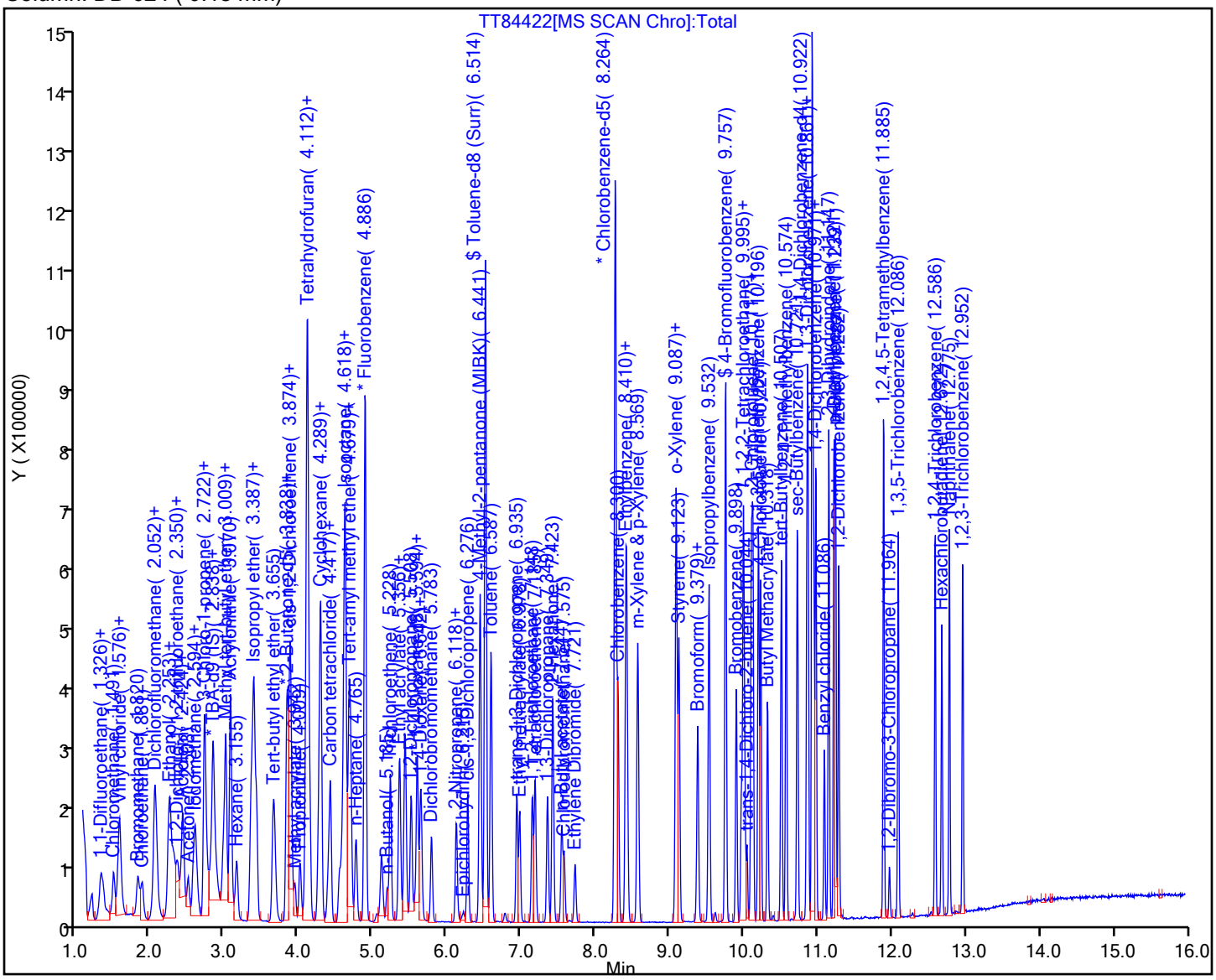
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

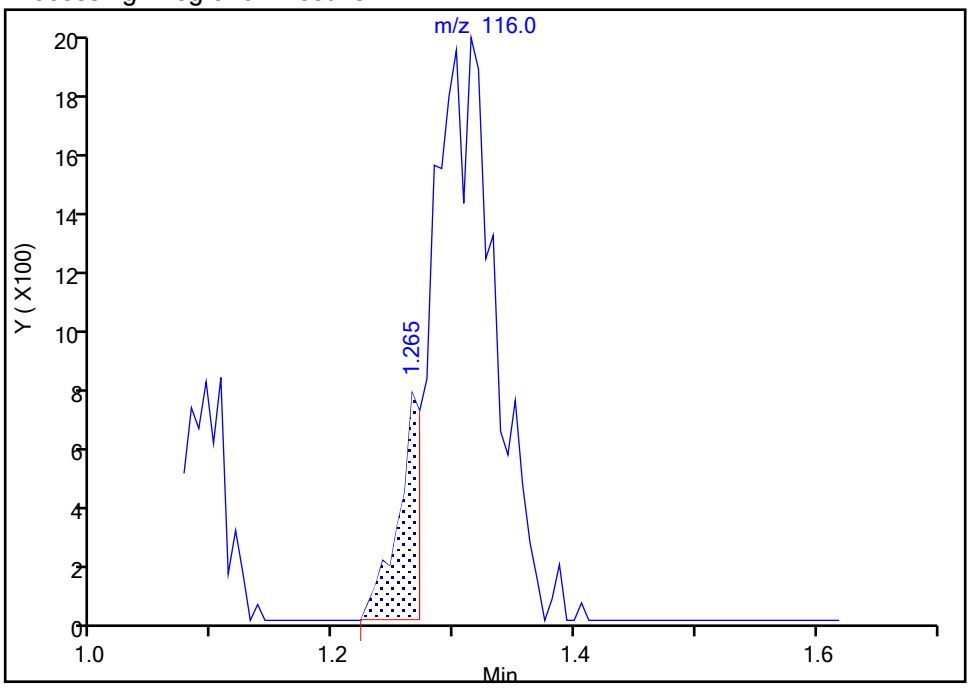
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

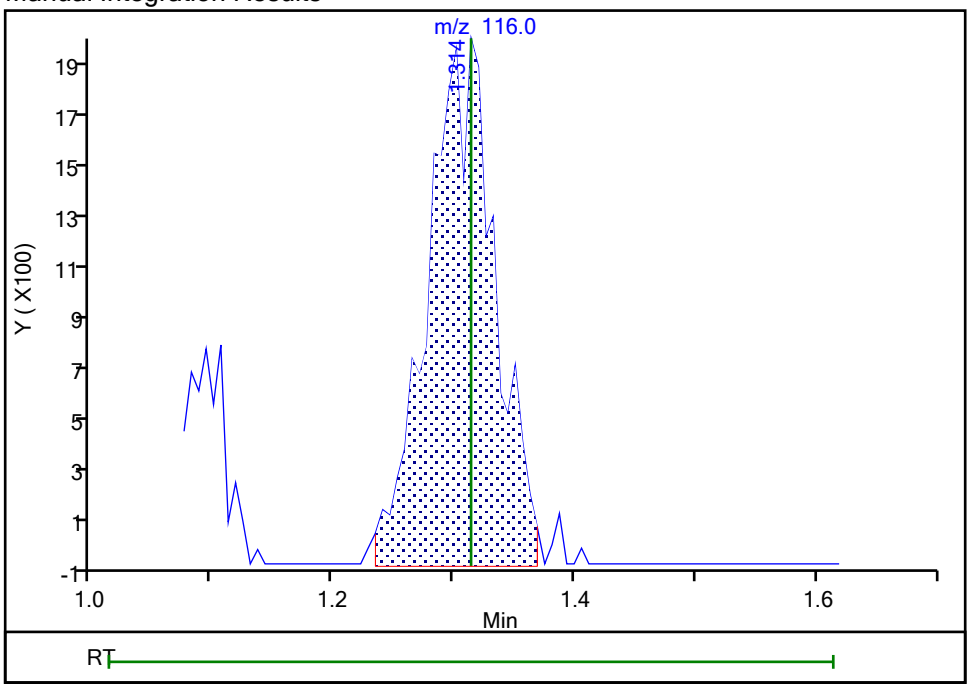
Processing Integration Results

RT: 1.27
Area: 990
Amount: 1.251167
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 7449
Amount: 9.357724
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:47:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

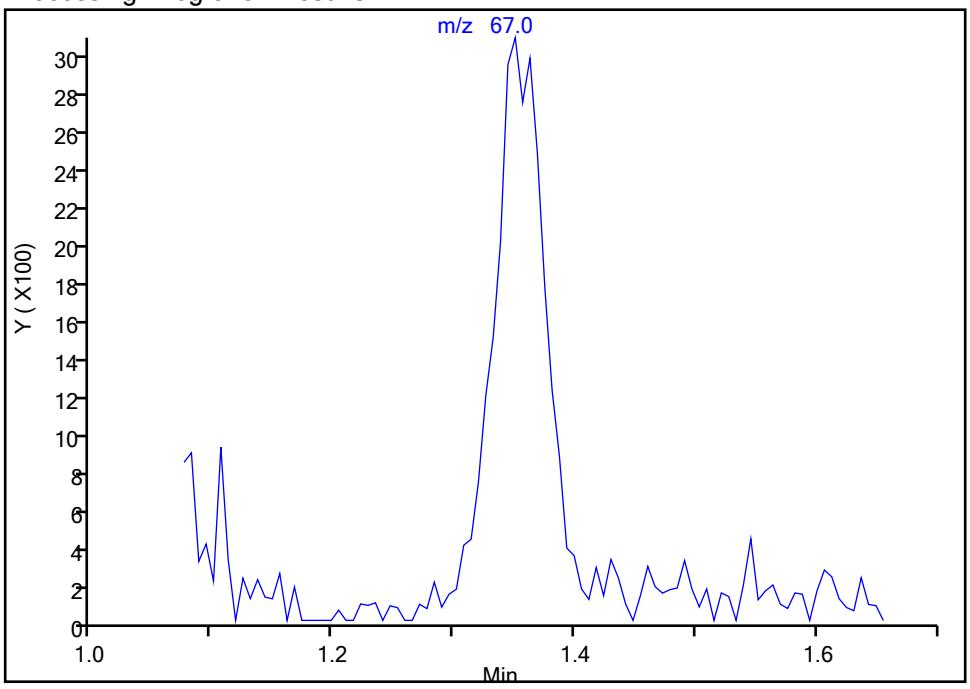
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

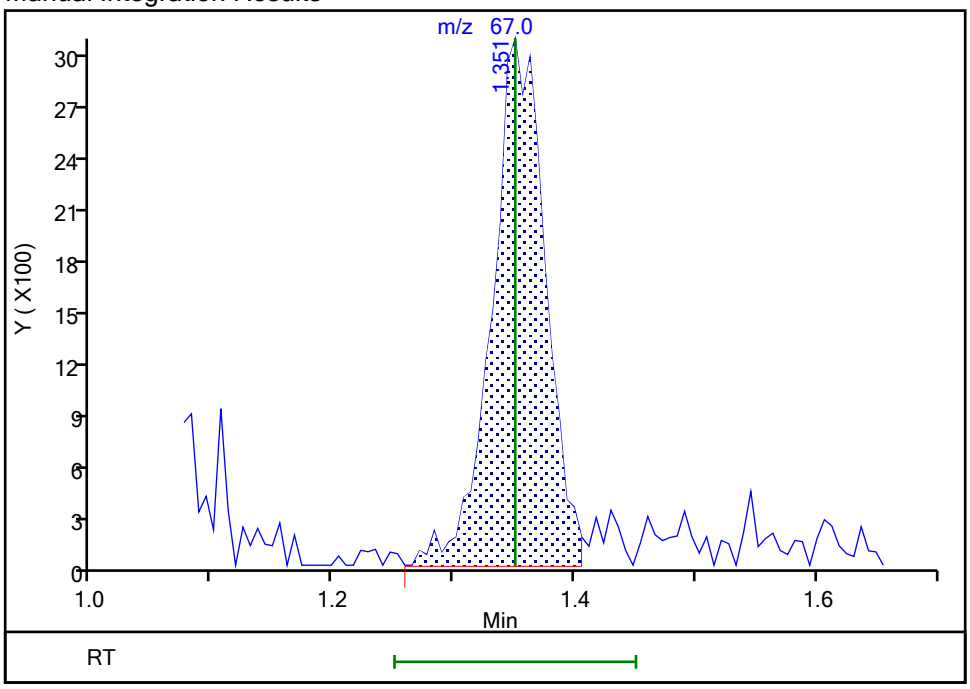
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 9473
Amount: 15.471255
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:41:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

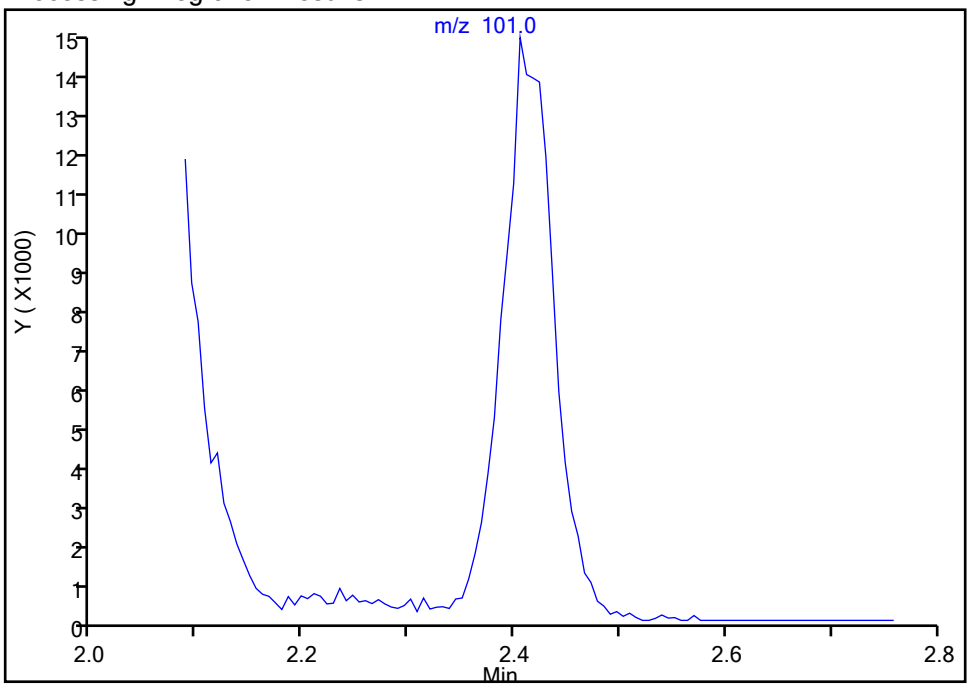
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

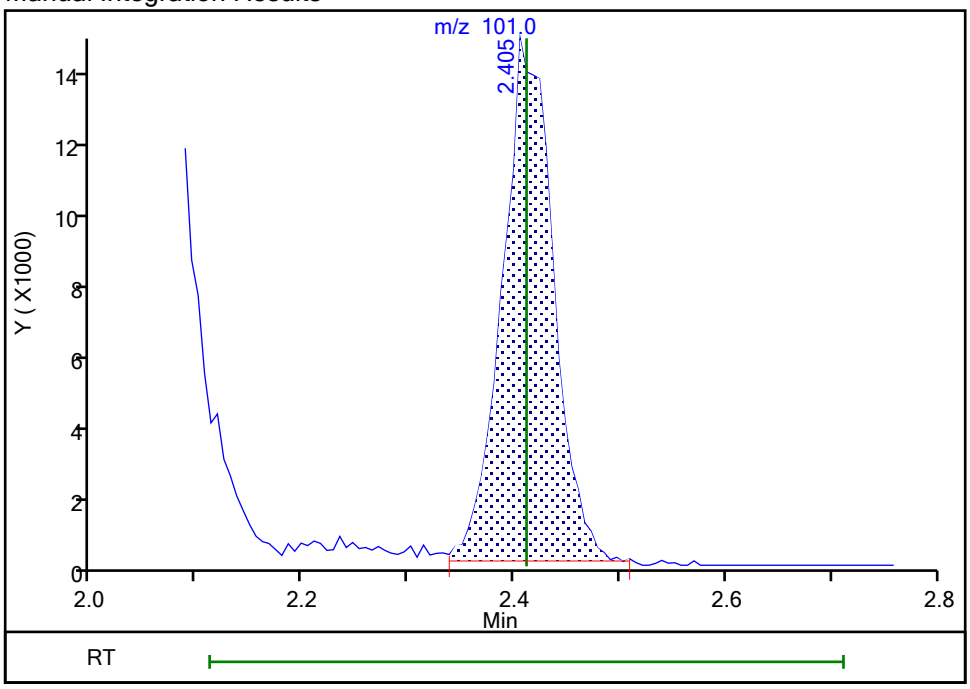
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.41
Area: 47997
Amount: 14.644147
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:43:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

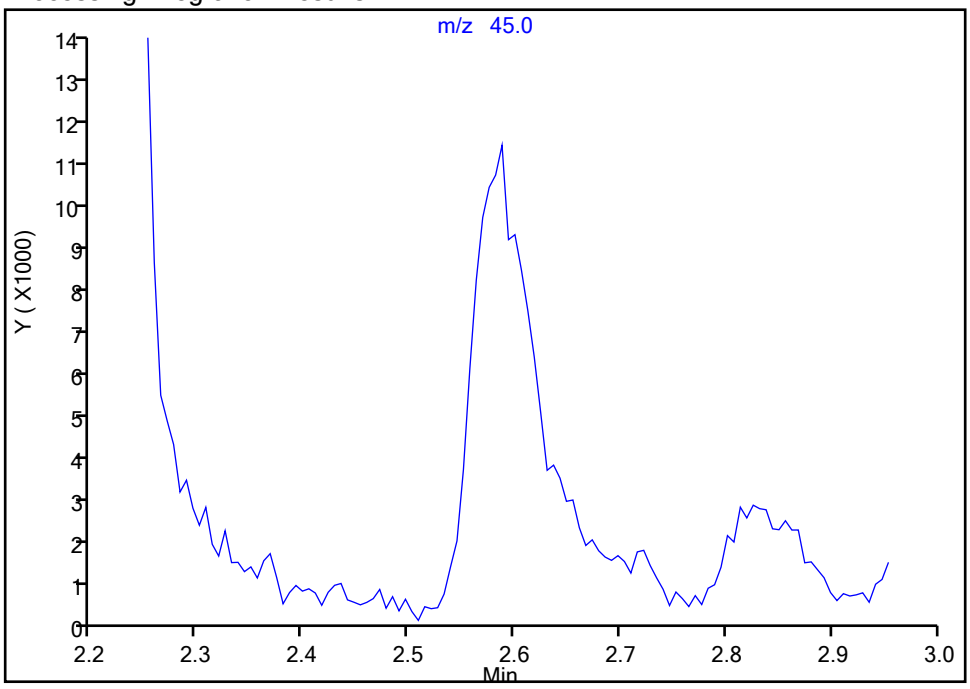
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

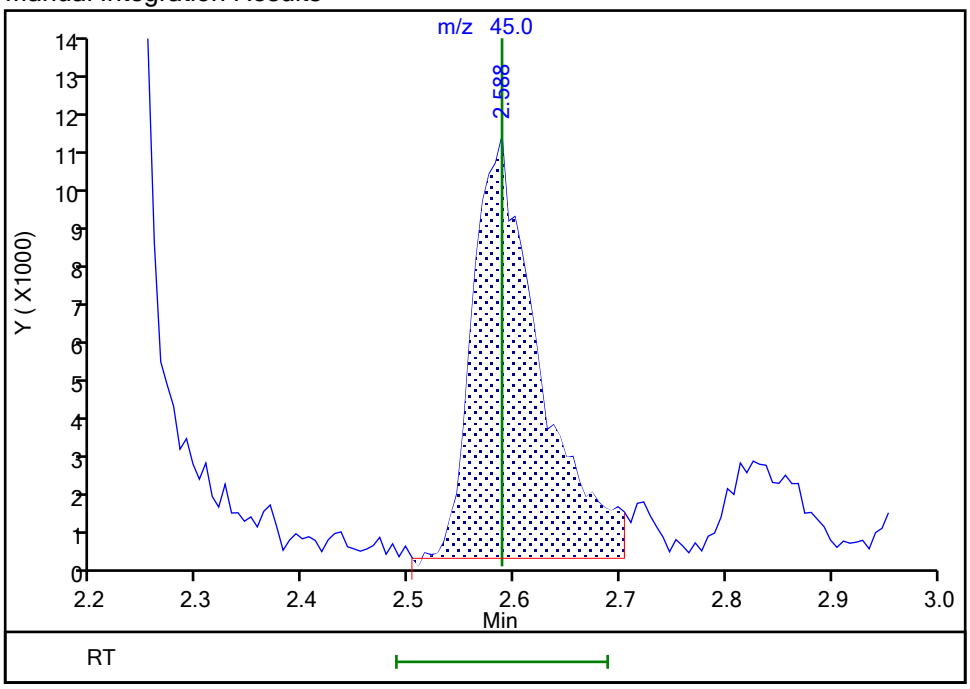
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 45368
Amount: 187.2250
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

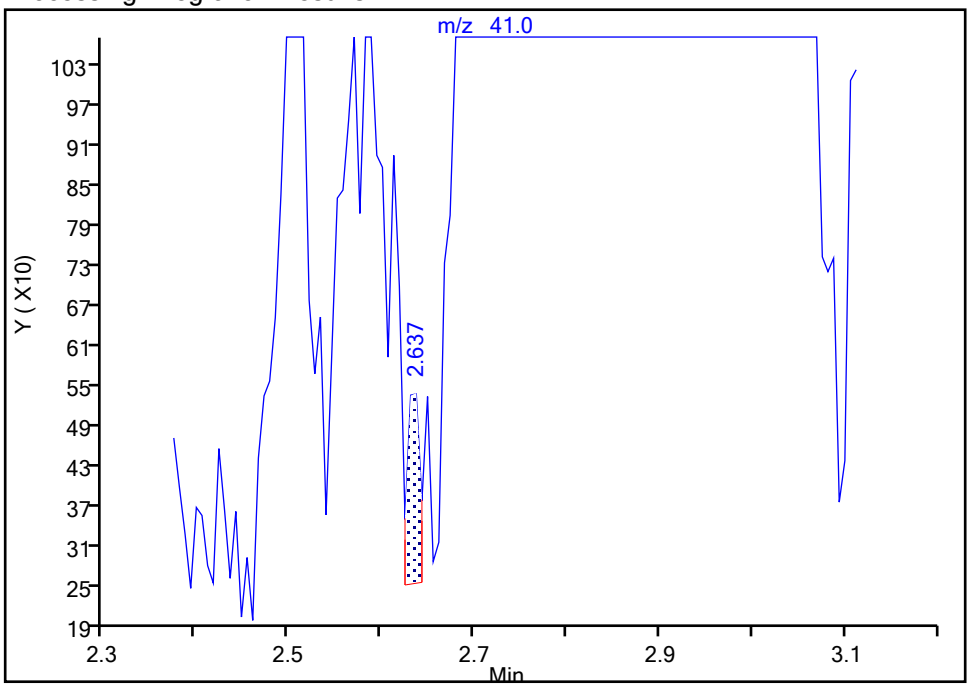
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

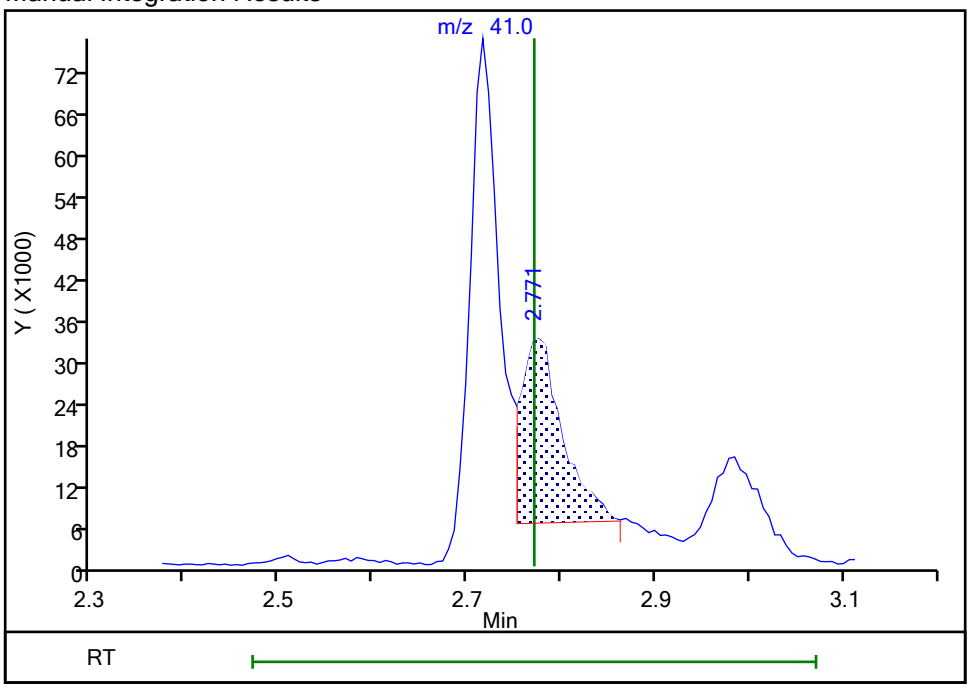
Processing Integration Results

RT: 2.64
Area: 290
Amount: 0.507224
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 81231
Amount: 142.0768
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:49:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

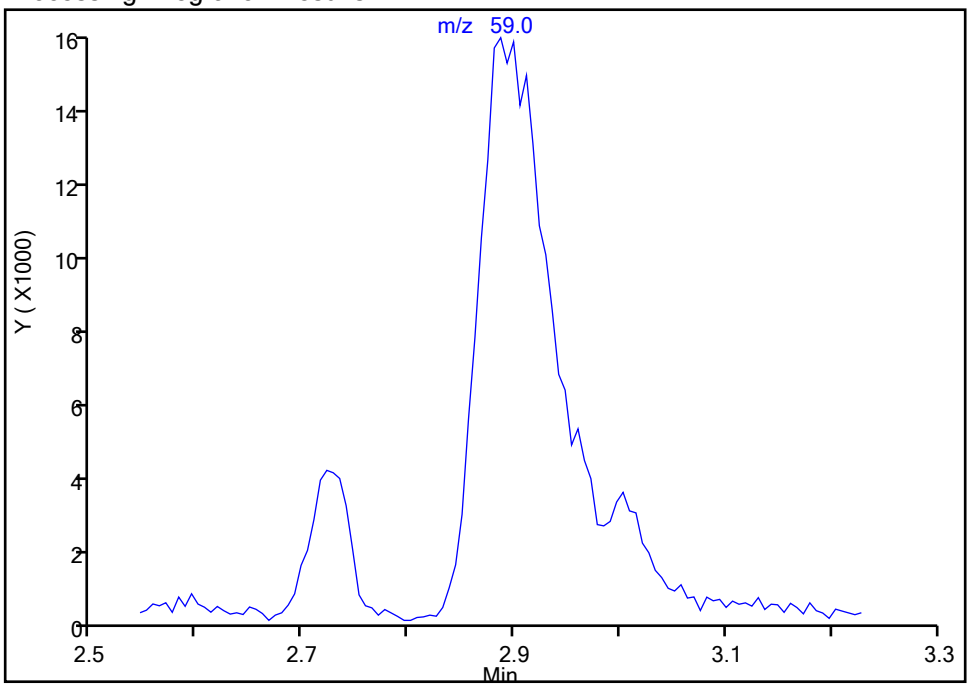
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

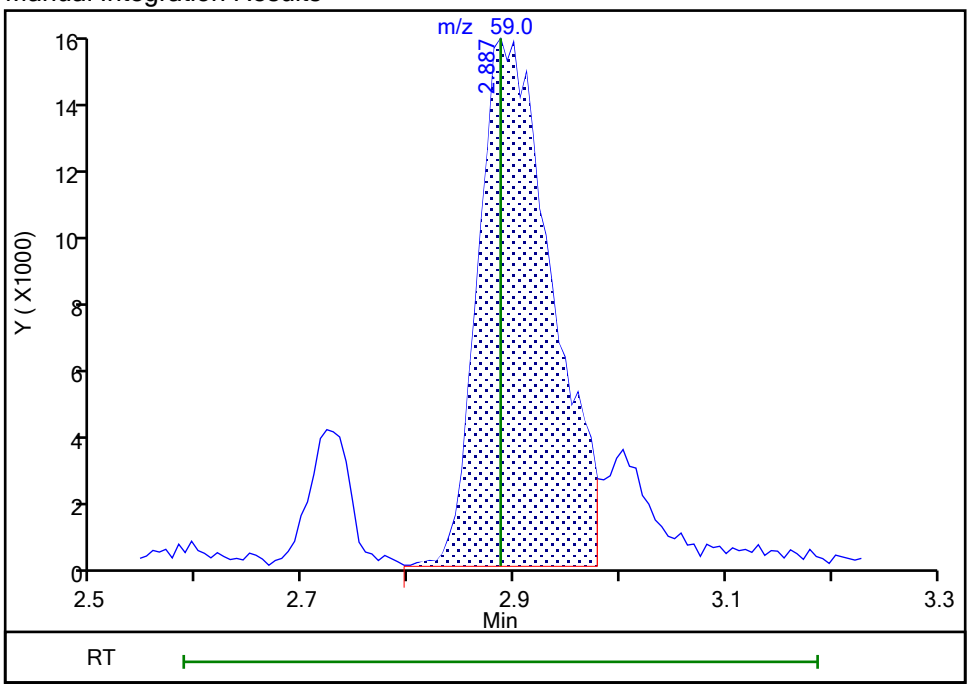
Not Detected
Expected RT: 2.89

Processing Integration Results



Manual Integration Results

RT: 2.89
Area: 74256
Amount: 191.5914
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Aug-2024 07:27:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0180225-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	30-Aug-2024 19:20:49	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1636				
First Level Reviewer: FK2C		Date:	30-Aug-2024 08:28:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

8 - Failed MS Tune Ratio Test

Reagents:

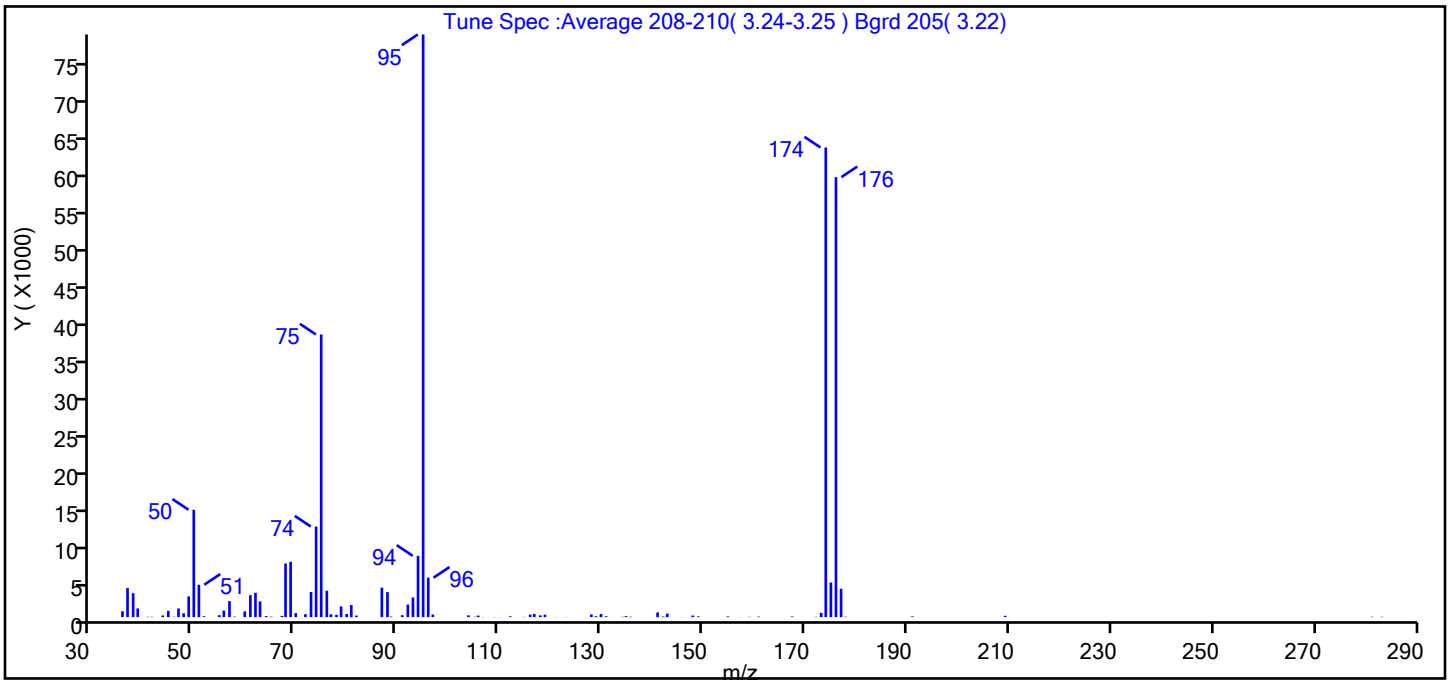
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D
Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (124.1)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.7 (0.9)
174	50 to 200% of m/z 95	80.6
175	5 to 9% of m/z 174	6.0 (7.4)
176	95 to 105% of m/z 174	75.5 (93.7)*
177	5 to 10% of m/z 176	4.9 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D\8260W_17.rslt\spectra.d
Injection Date: 30-Aug-2024 07:27:30
Spectrum: Tune Spec :Average 208-210(3.24-3.25) Bgrd 205(3.22)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	784	65.00	70	96.00	5292	142.00	86
37.00	3897	67.00	174	97.00	352	143.00	468
38.00	3207	68.00	7196	104.00	245	146.00	20
39.00	1163	69.00	7416	105.00	47	148.00	20
41.00	51	70.00	541	106.00	208	148.00	218
42.00	53	72.00	395	107.00	20	149.00	99
44.00	222	73.00	3367	109.00	22	155.00	102
45.00	843	74.00	12143	110.00	17	157.00	19
46.00	53	75.00	37888	112.00	112	159.00	43
47.00	1165	76.00	3539	115.00	36	161.00	75
48.00	516	77.00	382	116.00	339	167.00	92
49.00	2782	78.00	304	117.00	432	172.00	51
50.00	14395	79.00	1438	118.00	232	173.00	571
51.00	4342	80.00	416	119.00	335	174.00	62952
52.00	125	81.00	1620	121.00	18	175.00	4648
55.00	264	82.00	207	123.00	22	176.00	58976
56.00	872	87.00	3958	128.00	365	177.00	3810
57.00	2142	88.00	3356	129.00	123	178.00	58
58.00	77	89.00	82	130.00	425	191.00	102
60.00	772	91.00	264	131.00	124	209.00	183
61.00	2943	92.00	1690	134.00	47	281.00	60
62.00	3264	93.00	2632	135.00	136	283.00	56
63.00	2117	94.00	8220	136.00	59		
64.00	145	95.00	78104	141.00	634		

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D

Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17

Lims ID: BFB

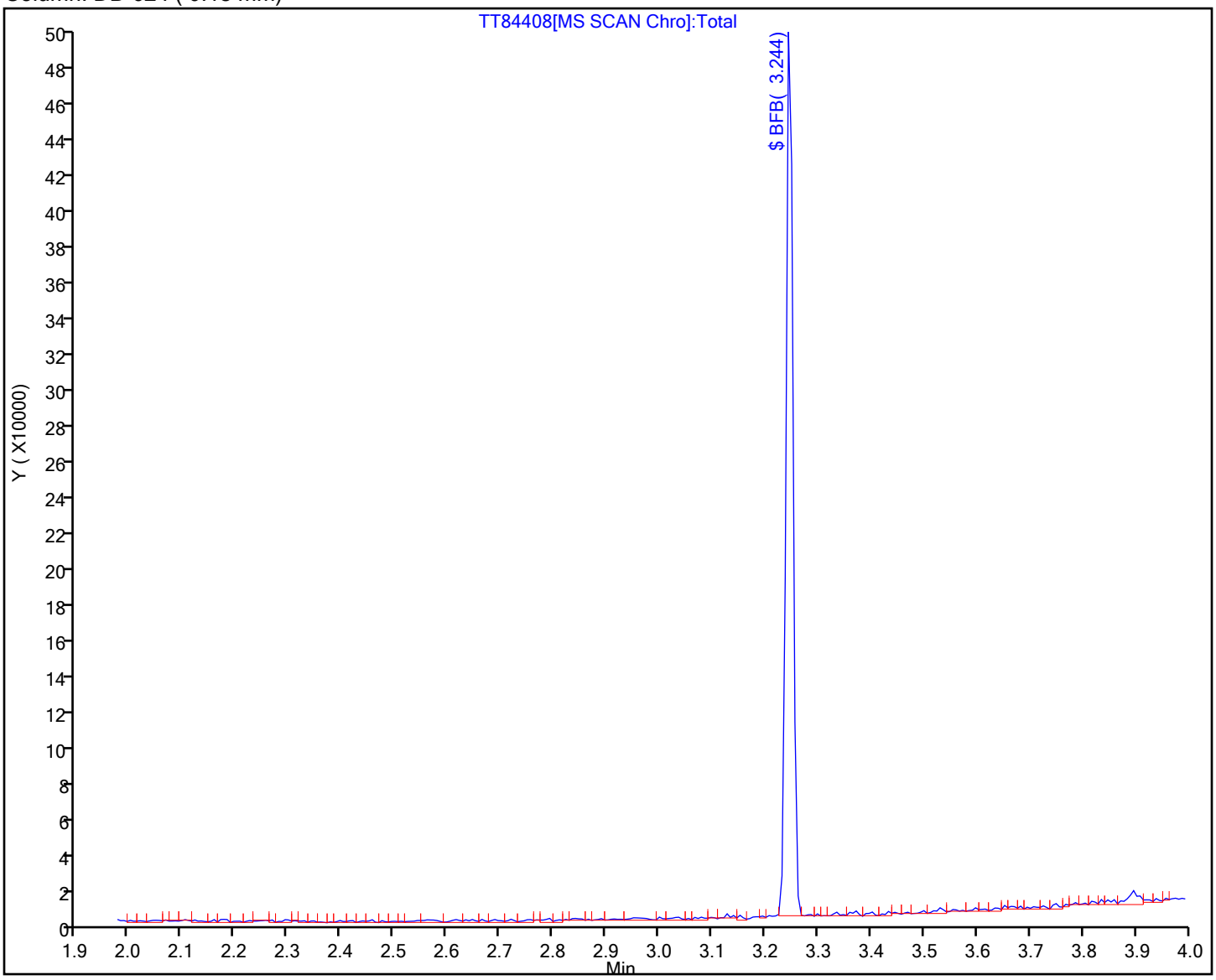
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993368/21

Matrix: Water | Lab File ID: TT84428.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993368/21

Matrix: Water | Lab File ID: TT84428.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2024 15:23:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180260-021
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:36:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	53443	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.844	3.832	0.012	0	444289	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	200811	50.0	49.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	228459	50.0	47.3	
* 66 Fluorobenzene	96	4.892	4.886	0.006	99	843632	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	40433	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	790963	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	589412	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	248190	50.0	50.1	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	321716	50.0	50.0	

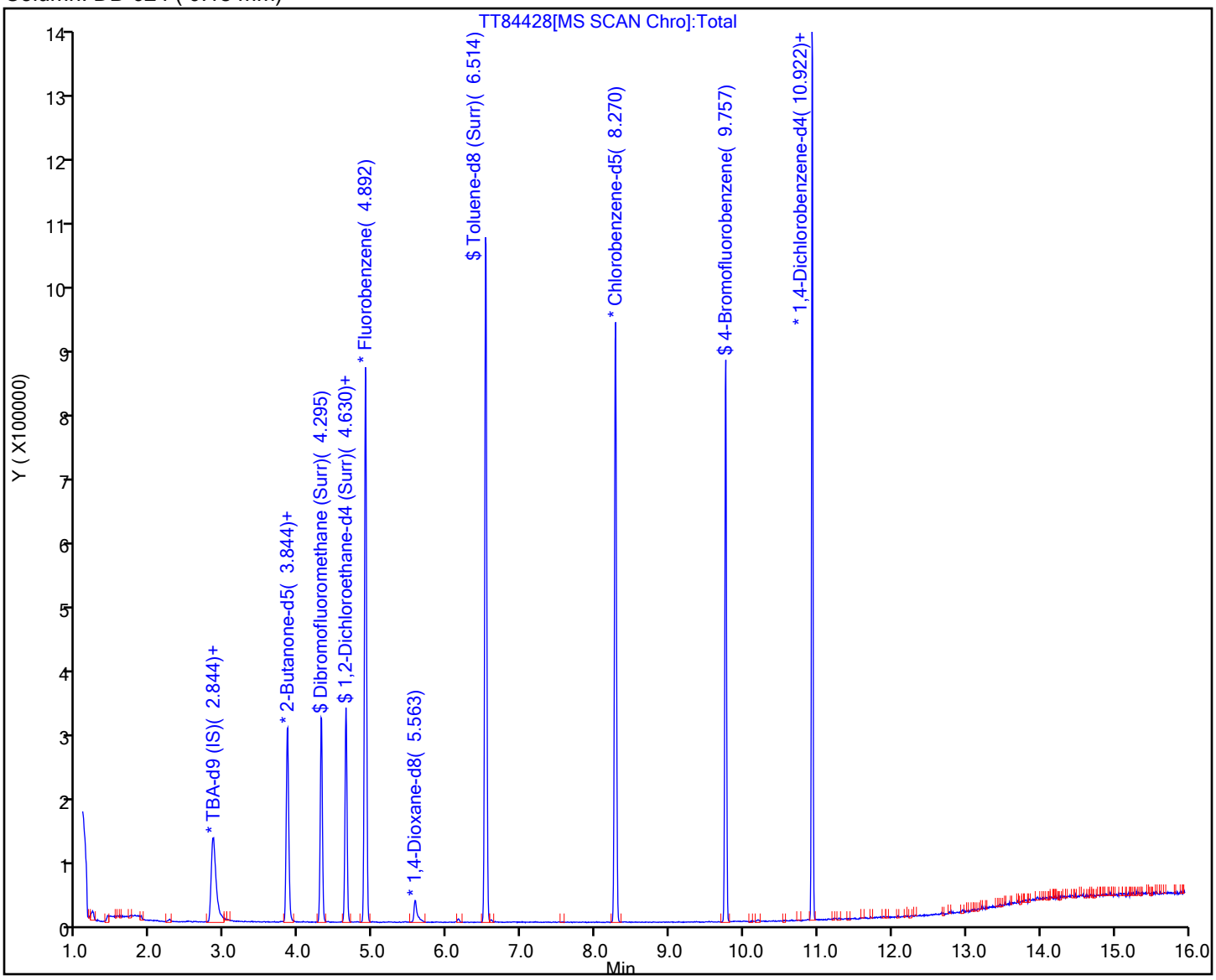
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:16 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Injection Date: 30-Aug-2024 15:23:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Report Date: 31-Aug-2024 06:25:16 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2024 15:23:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180260-021
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:36:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.2	98.37
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.66
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.19
$ 105 4-Bromofluorobenzene	50.0	50.1	100.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993368/17

Matrix: Water | Lab File ID: TT84424.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 14:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.38
106-93-4	1,2-Dibromoethane	20.5		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.21
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	21.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
78-93-3	2-Butanone	97.2		5.0	1.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone	104		5.0	1.3
67-64-1	Acetone	96.2		5.0	4.4
71-43-2	Benzene	20.4		1.0	0.20
75-27-4	Bromodichloromethane	21.1		1.0	0.34
75-25-2	Bromoform	22.4		1.0	0.54
74-83-9	Bromomethane	19.7		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	24.0		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	20.7		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22
110-82-7	Cyclohexane	23.1		1.0	0.32
124-48-1	Dibromochloromethane	21.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	18.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993368/17

Matrix: Water | Lab File ID: TT84424.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 14:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	24.0		1.0	0.31
98-82-8	Isopropylbenzene	24.3		1.0	0.34
108-87-2	Methylcyclohexane	23.6		1.0	0.71
75-09-2	Methylene Chloride	19.3		1.0	0.32
1634-04-4	MTBE	19.9		1.0	0.22
100-42-5	Styrene	22.0		1.0	0.42
127-18-4	Tetrachloroethene	21.6		1.0	0.25
108-88-3	Toluene	18.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.5		1.0	0.22
79-01-6	Trichloroethene	20.7		1.0	0.31
75-69-4	Trichlorofluoromethane	21.5		1.0	0.32
75-01-4	Vinyl chloride	21.6		1.0	0.17
1330-20-7	Xylenes, Total	43.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Report Date: 31-Aug-2024 17:14:24 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2024 14:05:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180260-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:14:22 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: NN6A Date: 31-Aug-2024 17:14:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	11	639	20.0	11.4	
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	80	13089	20.0	16.5	a
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	34806	20.0	16.4	
4 Dichlorodifluoromethane	85	1.350	1.338	0.012	84	92707	20.0	18.4	
5 Chlorodifluoromethane	67	1.369	1.351	0.018	95	9826	20.0	16.2	a
6 Chloromethane	50	1.503	1.491	0.012	98	113647	20.0	18.8	
7 Vinyl chloride	62	1.570	1.558	0.012	97	114527	20.0	21.6	
8 Butadiene	54	1.582	1.570	0.012	97	111921	20.0	22.5	
9 Bromomethane	94	1.826	1.820	0.006	99	73588	20.0	19.7	
10 Chloroethane	64	1.887	1.881	0.006	99	64501	20.0	18.5	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	99	178244	20.0	20.0	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	49	115434	20.0	21.5	
13 Pentane	72	2.070	2.070	0.000	96	25722	40.0	41.3	
14 Ethanol	46	2.234	2.234	0.000	79	17541	800.0	698.6	
15 Ethyl ether	74	2.241	2.234	0.007	94	53840	20.0	20.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	97	74499	20.0	21.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	94	66712	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	92	108806	20.0	18.3	
19 Acrolein	56	2.399	2.387	0.012	92	18440	39.5	25.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	95	78081	20.0	24.0	
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	78011	20.0	19.7	
22 Acetone	43	2.503	2.497	0.006	88	124393	100.0	96.2	M
23 Iodomethane	142	2.576	2.570	0.006	97	136227	20.0	20.0	
25 Isopropyl alcohol	45	2.588	2.588	0.000	34	49926	200.0	199.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	260036	20.0	18.4	
26 3-Chloro-1-propene	76	2.722	2.716	0.006	97	52444	20.0	19.5	
27 Methyl acetate	43	2.728	2.722	0.006	100	130656	40.0	39.2	
28 Cyclopentene	67	2.740	2.734	0.006	94	167973	20.0	20.2	
29 Acetonitrile	41	2.777	2.771	0.006	93	119999	200.0	214.3	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	61429	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	95	94530	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.905	2.887	0.018	91	74629	200.0	186.8	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	243387	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	96	85047	20.0	20.0	
35 Acrylonitrile	53	3.076	3.070	0.006	94	340384	200.0	206.7	
36 Hexane	57	3.155	3.155	0.000	93	116419	20.0	26.2	
37 Isopropyl ether	45	3.356	3.356	0.000	96	294902	20.0	20.1	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	99	162726	20.0	20.6	
39 Vinyl acetate	86	3.399	3.393	0.006	100	30931	40.0	49.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	76379	20.0	21.4	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	270428	20.0	20.7	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	449746	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	93	29001	20.0	23.9	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	96	95840	20.0	19.9	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	45900	100.0	97.2	
46 Ethyl acetate	70	3.899	3.887	0.012	96	17692	40.0	42.7	
47 Methyl acrylate	55	3.941	3.941	0.000	100	74154	20.0	21.1	
48 Propionitrile	54	4.009	4.009	-0.001	99	125397	200.0	178.2	
50 Tetrahydrofuran	72	4.082	4.082	0.000	63	21666	40.0	38.2	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	44814	20.0	19.0	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	354131	200.0	212.9	
52 Chloroform	83	4.143	4.143	0.000	97	145605	20.0	20.7	
53 Cyclohexane	84	4.277	4.271	0.006	93	125335	20.0	23.1	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	93	112966	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203904	50.0	50.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	82197	20.0	24.0	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	112247	20.0	21.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	90	83154	500.0	622.6	
59 Isooctane	57	4.588	4.582	0.006	97	328960	20.0	26.3	
60 Benzene	78	4.612	4.612	0.000	96	350821	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	227379	50.0	47.4	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	268208	20.0	20.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	46429	20.0	21.2	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	96	104448	20.0	19.1	
65 n-Heptane	100	4.764	4.771	-0.007	93	20486	20.0	27.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	837875	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46738	500.0	522.9	
68 Trichloroethene	95	5.234	5.228	0.006	98	82192	20.0	20.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	80	146599	20.0	23.6	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	12355	20.0	18.9	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	94	94580	20.0	21.3	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	40661	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	92	41419	40.0	44.3	
75 1,4-Dioxane	88	5.624	5.618	0.006	84	19379	400.0	438.6	
74 Dibromomethane	93	5.636	5.630	0.006	98	51056	20.0	20.0	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	110982	20.0	19.3	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	96984	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	76	20110	40.0	37.5	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	54919	20.0	19.9	
80 Epichlorohydrin	57	6.221	6.222	-0.001	95	10016	20.0	26.3	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127064	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	164179	100.0	104.2	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	788706	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.593	6.587	0.006	93	344958	20.0	18.6	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	118861	20.0	22.5	
86 Ethyl methacrylate	69	6.977	6.977	0.000	92	99874	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64234	20.0	21.1	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	83771	20.0	21.6	
89 1,3-Dichloropropane	76	7.355	7.349	0.006	94	127873	20.0	20.9	
90 2-Hexanone	43	7.422	7.423	0.000	96	265394	100.0	105.7	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	122167	20.0	22.0	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63183	20.0	21.8	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	69965	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	589561	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228457	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	122873	20.0	21.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	67020	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	150953	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	94	155170	20.0	21.8	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	62141	20.0	26.4	
101 Styrene	104	9.123	9.123	0.000	96	247675	20.0	22.0	
102 Bromoform	173	9.373	9.367	0.006	98	37149	20.0	22.4	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	148668	20.0	17.3	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	392150	20.0	24.3	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	250632	50.0	50.6	
106 Bromobenzene	156	9.898	9.898	0.000	99	97905	20.0	20.8	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	99453	20.0	21.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	479671	20.0	22.4	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	98	26930	20.0	20.7	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23471	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	316291	20.0	21.1	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	380315	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327429	20.0	22.1	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	319633	20.0	22.2	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	91299	20.0	16.0	
116 tert-Butylbenzene	119	10.507	10.507	0.000	96	270102	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	334670	20.0	21.7	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	421795	20.0	22.4	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	189253	20.0	20.5	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	354082	20.0	21.9	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	331042	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	193037	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	353120	20.0	21.1	
124 Benzyl chloride	91	11.086	11.086	0.000	99	162030	20.0	25.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	345141	20.0	21.7	
126 p-Diethylbenzene	119	11.221	11.214	0.006	94	229624	20.0	22.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	196327	20.0	22.2	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	188033	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	349214	20.0	21.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	93	13718	20.0	21.1	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	161229	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	154399	20.0	22.3	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	79924	20.0	22.5	
134 Naphthalene	128	12.775	12.775	0.000	99	355350	20.0	22.0	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	96	147260	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	43.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.8	
S 140 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent
ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	

Report Date: 31-Aug-2024 17:14:24 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D

Injection Date: 30-Aug-2024 14:05:30 Instrument ID: CVOAMS17

Lims ID: LCS

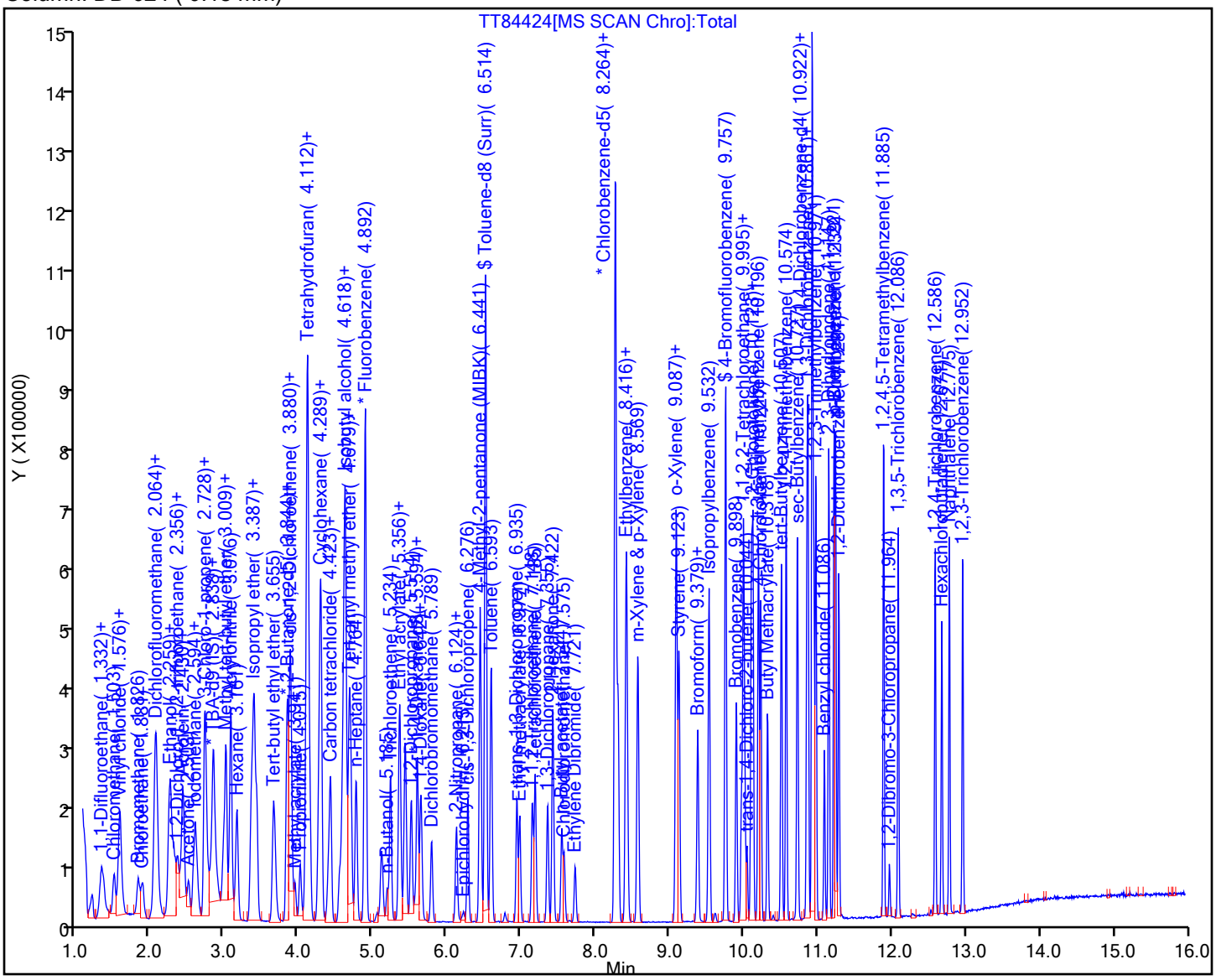
Client ID:

Operator ID: ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2024 14:05:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180260-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:14:22 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: NN6A Date: 31-Aug-2024 17:14:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.3	100.57
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.86
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.88
$ 105 4-Bromofluorobenzene	50.0	50.6	101.13

Eurofins Edison

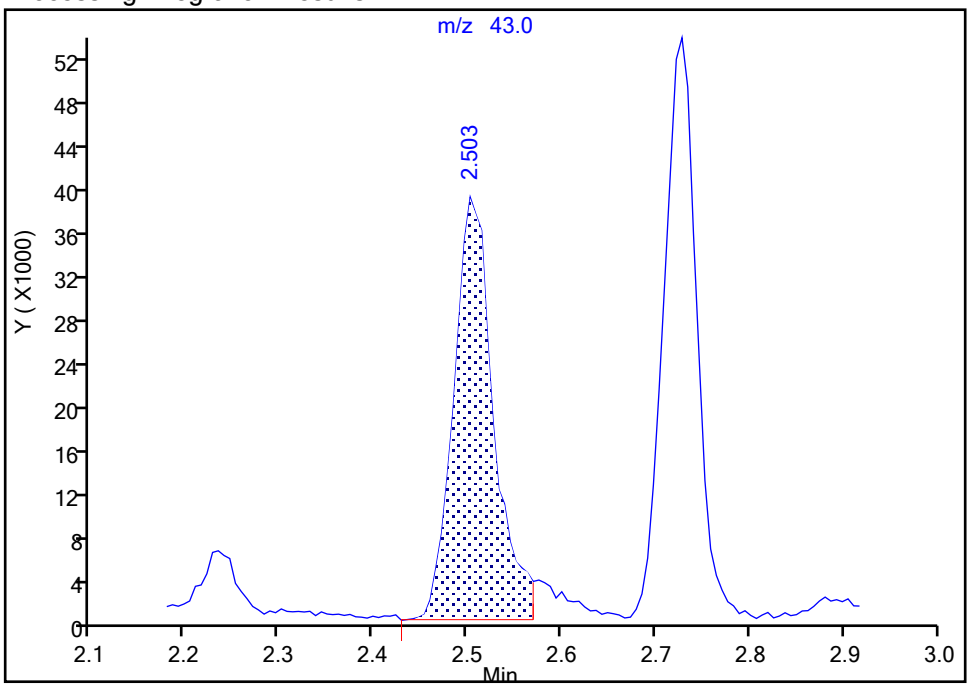
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Injection Date: 30-Aug-2024 14:05:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

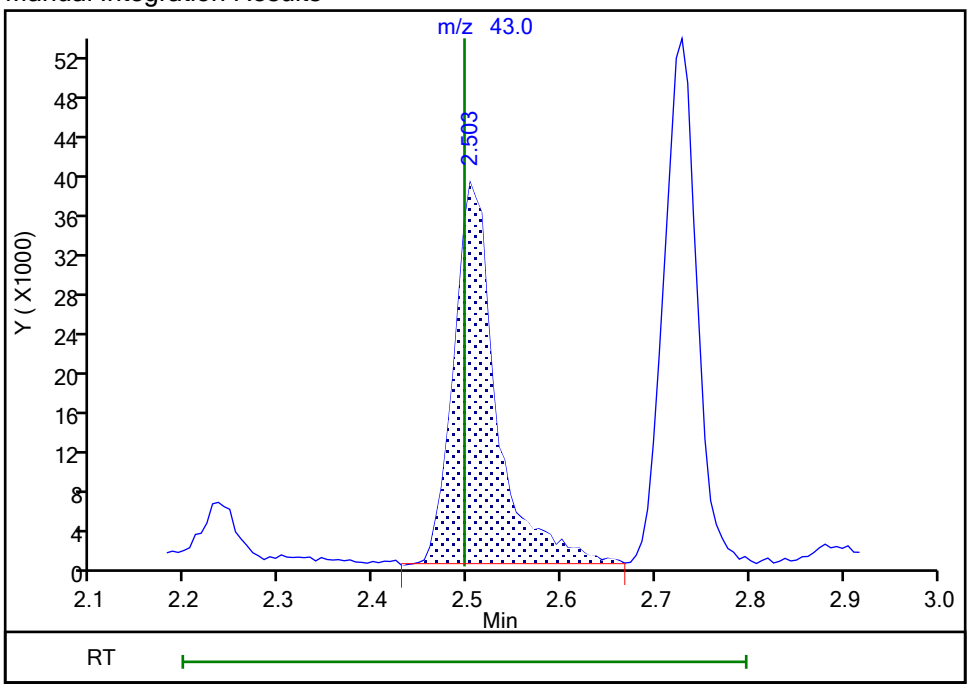
Processing Integration Results

RT: 2.50
Area: 115378
Amount: 89.221464
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 124393
Amount: 96.192737
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:13:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MS | Lab Sample ID: 460-310268-1 MS

Matrix: Water | Lab File ID: TT84448.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.20
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	23.3		1.0	0.38
106-93-4	1,2-Dibromoethane	21.6		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.21
107-06-2	1,2-Dichloroethane	19.9		1.0	0.43
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.2		1.0	0.33
78-93-3	2-Butanone	98.5		5.0	1.9
591-78-6	2-Hexanone	119		5.0	1.1
108-10-1	4-Methyl-2-pentanone	114		5.0	1.3
67-64-1	Acetone	87.8		5.0	4.4
71-43-2	Benzene	23.3		1.0	0.20
75-27-4	Bromodichloromethane	20.8		1.0	0.34
75-25-2	Bromoform	23.8		1.0	0.54
74-83-9	Bromomethane	19.1		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	23.9		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
75-00-3	Chloroethane	17.5		1.0	0.32
67-66-3	Chloroform	21.1		1.0	0.33
74-87-3	Chloromethane	19.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.22
110-82-7	Cyclohexane	28.7		1.0	0.32
124-48-1	Dibromochloromethane	22.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	8.48		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MS | Lab Sample ID: 460-310268-1 MS

Matrix: Water | Lab File ID: TT84448.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.3		1.0	0.30
76-13-1	Freon TF	17.7		1.0	0.31
98-82-8	Isopropylbenzene	31.1		1.0	0.34
108-87-2	Methylcyclohexane	24.8		1.0	0.71
75-09-2	Methylene Chloride	20.0		1.0	0.32
1634-04-4	MTBE	20.8		1.0	0.22
100-42-5	Styrene	21.5		1.0	0.42
127-18-4	Tetrachloroethene	21.9		1.0	0.25
108-88-3	Toluene	18.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.22
79-01-6	Trichloroethene	98.0		1.0	0.31
75-69-4	Trichlorofluoromethane	14.8		1.0	0.32
75-01-4	Vinyl chloride	16.9		1.0	0.17
1330-20-7	Xylenes, Total	43.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Sample Type: MS
Inject. Date: 30-Aug-2024 21:56:30 ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MS
Misc. Info.: 460-0180260-041
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:32:38 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	79	10235	20.0	13.7	a
2 1,1-Difluoroethane	65	1.326	1.320	0.006	96	30260	20.0	15.2	
4 Dichlorodifluoromethane	85	1.357	1.338	0.019	62	40134	20.0	8.48	M
5 Chlorodifluoromethane	67	1.369	1.351	0.018	97	12776	20.0	22.3	a
6 Chloromethane	50	1.509	1.491	0.018	99	108478	20.0	19.1	
7 Vinyl chloride	62	1.570	1.558	0.012	98	84058	20.0	16.9	
8 Butadiene	54	1.588	1.570	0.018	98	70625	20.0	15.1	
9 Bromomethane	94	1.826	1.820	0.006	99	67113	20.0	19.1	
10 Chloroethane	64	1.893	1.881	0.012	100	57297	20.0	17.5	
11 Dichlorofluoromethane	67	2.058	2.039	0.019	98	151770	20.0	18.1	
12 Trichlorofluoromethane	101	2.070	2.052	0.018	45	74408	20.0	14.8	
13 Pentane	72	2.070	2.070	0.000	97	17701	40.0	30.1	
14 Ethanol	46	2.222	2.234	-0.012	88	17330	800.0	729.0	
15 Ethyl ether	74	2.247	2.234	0.013	94	49853	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.265	2.259	0.006	97	62023	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.314	2.302	0.012	83	62851	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.363	2.350	0.012	95	102941	20.0	18.4	
19 Acrolein	56	2.405	2.387	0.018	94	33207	40.0	49.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	95	54056	20.0	17.7	
21 1,1-Dichloroethene	96	2.442	2.436	0.006	97	68651	20.0	18.5	
22 Acetone	43	2.509	2.497	0.012	87	109260	100.0	87.8	
23 Iodomethane	142	2.582	2.570	0.012	97	127258	20.0	19.9	
25 Isopropyl alcohol	45	2.594	2.588	0.006	33	44533	200.0	186.9	a
24 Carbon disulfide	76	2.612	2.600	0.012	99	230832	20.0	17.4	
26 3-Chloro-1-propene	76	2.728	2.716	0.012	90	45709	20.0	18.1	
27 Methyl acetate	43	2.734	2.722	0.012	96	263342	40.0	84.2	
28 Cyclopentene	67	2.747	2.734	0.013	91	154836	20.0	19.8	
29 Acetonitrile	41	2.783	2.771	0.012	93	171413	200.0	318.1	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	58579	1000.0	1000.0	
30 Methylene Chloride	84	2.850	2.838	0.012	95	91952	20.0	20.0	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	91	77418	200.0	203.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	95	238963	20.0	20.8	a
34 trans-1,2-Dichloroethene	96	3.021	3.009	0.012	96	83791	20.0	21.0	
35 Acrylonitrile	53	3.082	3.070	0.012	94	308575	200.0	199.4	
36 Hexane	57	3.167	3.155	0.012	94	77777	20.0	18.6	
37 Isopropyl ether	45	3.362	3.356	0.006	94	272829	20.0	19.8	
38 1,1-Dichloroethane	63	3.393	3.381	0.012	98	153616	20.0	20.7	
39 Vinyl acetate	86	3.405	3.393	0.012	100	29762	40.0	49.8	
40 2-Chloro-1,3-butadiene	88	3.429	3.423	0.006	90	67631	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.661	3.649	0.012	89	255961	20.0	20.8	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	432842	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	48	23386	20.0	20.5	a
44 cis-1,2-Dichloroethene	96	3.880	3.868	0.012	96	97987	20.0	21.6	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	96	44783	100.0	98.5	
46 Ethyl acetate	70	3.905	3.887	0.018	97	16913	40.0	42.4	
47 Methyl acrylate	55	3.948	3.941	0.007	99	73090	20.0	22.1	
48 Propionitrile	54	4.021	4.009	0.012	98	116392	200.0	173.5	
50 Tetrahydrofuran	72	4.088	4.082	0.006	58	20434	40.0	37.4	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	43016	20.0	19.4	
51 Methacrylonitrile	67	4.118	4.112	0.006	92	347876	200.0	222.5	
52 Chloroform	83	4.149	4.143	0.006	98	139083	20.0	21.1	
53 Cyclohexane	84	4.277	4.271	0.006	96	146587	20.0	28.7	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	96	105990	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	189648	50.0	49.8	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	76880	20.0	23.9	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	95	106535	20.0	21.3	
58 Isobutyl alcohol	43	4.551	4.551	0.000	88	144273	500.0	1132.7	a
59 Isooctane	57	4.594	4.582	0.012	95	210193	20.0	17.9	
60 Benzene	78	4.618	4.612	0.006	96	380374	20.0	23.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226278	50.0	50.2	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	252120	20.0	20.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	44995	20.0	21.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	96	102101	20.0	19.9	
65 n-Heptane	100	4.777	4.771	0.006	93	13222	20.0	19.0	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	787406	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	90	45121	500.0	529.4	
68 Trichloroethene	95	5.234	5.228	0.006	98	365880	20.0	98.0	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	145069	20.0	24.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	12414	20.0	20.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	87153	20.0	20.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37750	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	40861	40.0	46.5	
75 1,4-Dioxane	88	5.618	5.618	0.000	64	17394	400.0	424.0	M
74 Dibromomethane	93	5.636	5.630	0.006	96	49486	20.0	20.6	
76 n-Propyl acetate	43	5.655	5.648	0.007	99	110704	20.0	20.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	90220	20.0	20.8	
78 2-Nitropropane	41	6.118	6.112	0.006	87	30991	40.0	60.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	93334	400.0	254.2	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	91	127118	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	97	172150	100.0	113.6	
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	743971	50.0	49.7	
84 Toluene	91	6.593	6.587	0.006	93	332242	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	108549	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.977	6.977	0.000	92	114374	20.0	22.0	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	61995	20.0	21.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	80642	20.0	21.9	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	96	122541	20.0	21.1	
90 2-Hexanone	43	7.422	7.423	0.000	96	288820	100.0	119.5	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	133145	20.0	25.3	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	61437	20.0	22.4	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	69889	20.0	21.6	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	559048	50.0	50.0	
95 Chlorobenzene	112	8.306	8.300	0.006	95	215366	20.0	21.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	117501	20.0	21.3	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	94	65912	20.0	22.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	144730	20.0	21.9	
99 o-Xylene	106	9.087	9.087	0.000	94	145665	20.0	21.6	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	65181	20.0	29.1	
101 Styrene	104	9.123	9.123	0.000	95	228932	20.0	21.5	
102 Bromoform	173	9.373	9.367	0.006	98	37500	20.0	23.8	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	164205	20.0	20.1	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	476298	20.0	31.1	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	240562	50.0	51.2	
106 Bromobenzene	156	9.898	9.898	0.000	99	93071	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	95109	20.0	21.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	483789	20.0	23.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	98	26436	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	88	19248	20.0	19.2	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	292039	20.0	20.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	364130	20.0	21.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	299532	20.0	21.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	292912	20.0	21.3	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	93449	20.0	17.1	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	282660	20.0	23.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	313401	20.0	21.3	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	478067	20.0	26.6	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	97	185518	20.0	21.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	344259	20.0	22.3	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	315775	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	185486	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	335692	20.0	21.0	
124 Benzyl chloride	91	11.086	11.086	0.000	99	133316	20.0	21.5	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	336273	20.0	22.1	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	225137	20.0	22.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	183443	20.0	21.7	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	181773	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	334218	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	14528	20.0	23.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	98	152474	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	147425	20.0	22.3	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	73920	20.0	21.8	
134 Naphthalene	128	12.775	12.775	0.000	99	358300	20.0	23.3	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	142017	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 137 Xylenes, Total	100				0		40.0	43.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.1	
S 140 Total BTEX	1				0		100.0	107.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:32:39 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D

Injection Date: 30-Aug-2024 21:56:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 MS

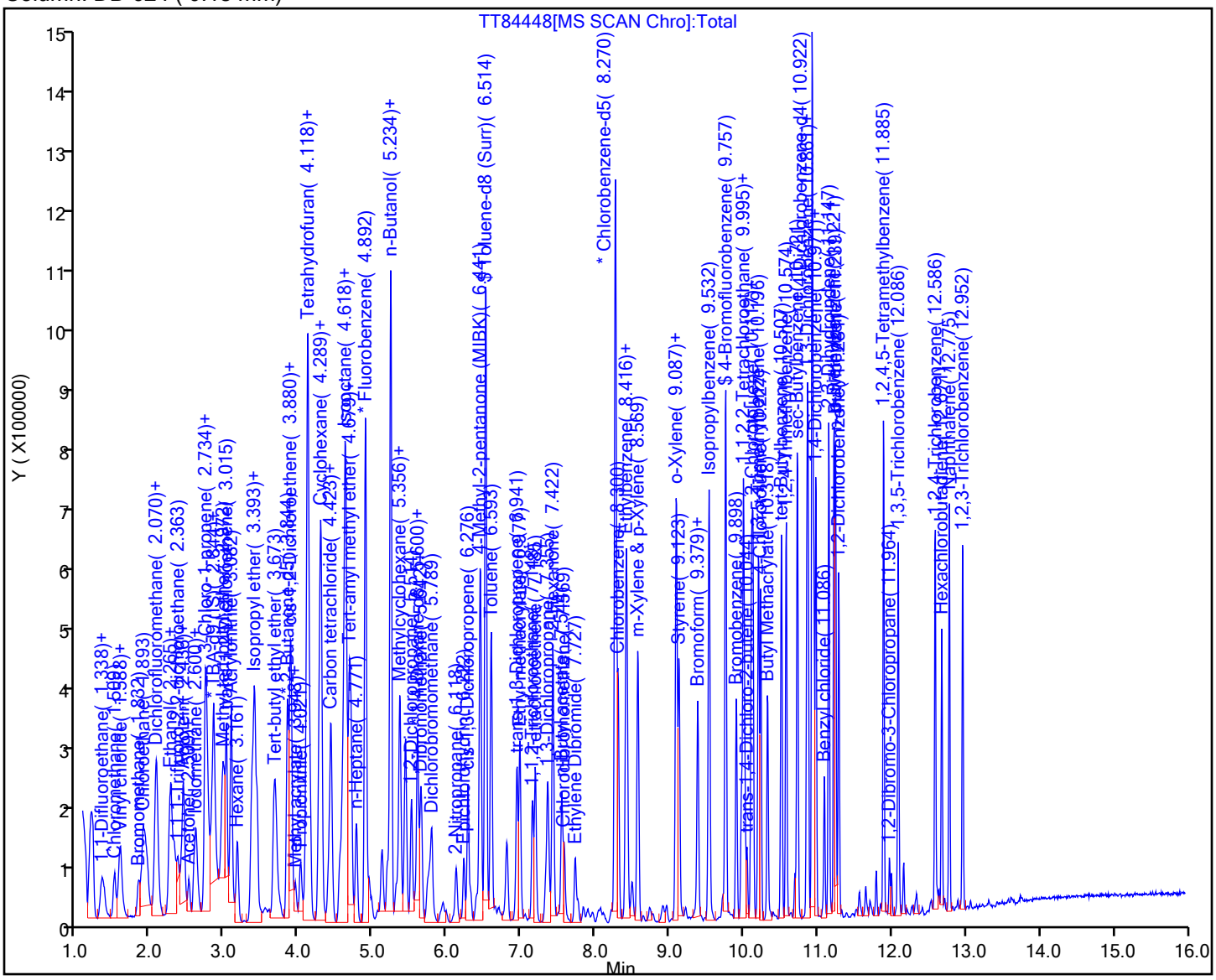
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 40 Worklist Smp#: 41

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Sample Type: MS
Inject. Date: 30-Aug-2024 21:56:30 ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MS
Misc. Info.: 460-0180260-041
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:32:38 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:45:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.53
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.45
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.36
$ 105 4-Bromofluorobenzene	50.0	51.2	102.36

Eurofins Edison

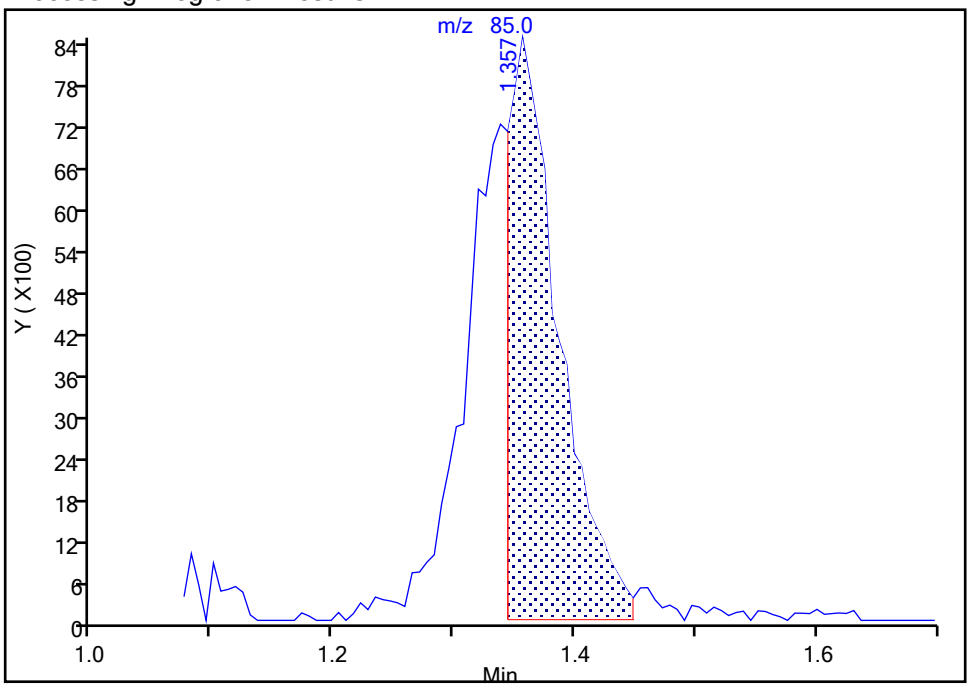
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Injection Date: 30-Aug-2024 21:56:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

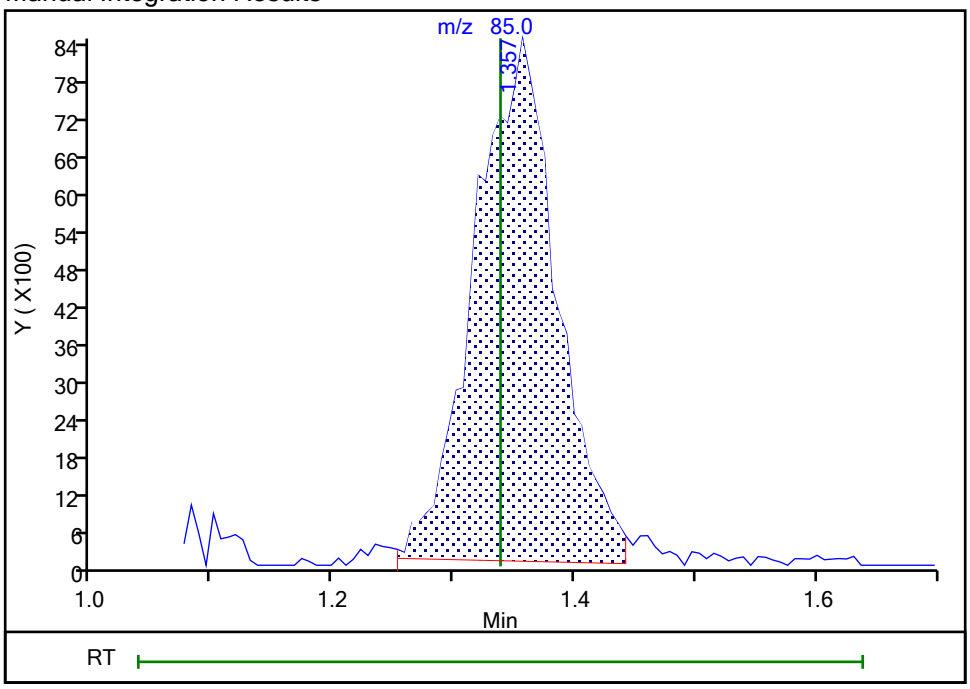
Processing Integration Results

RT: 1.36
Area: 24794
Amount: 5.237050
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 40134
Amount: 8.477203
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:44:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

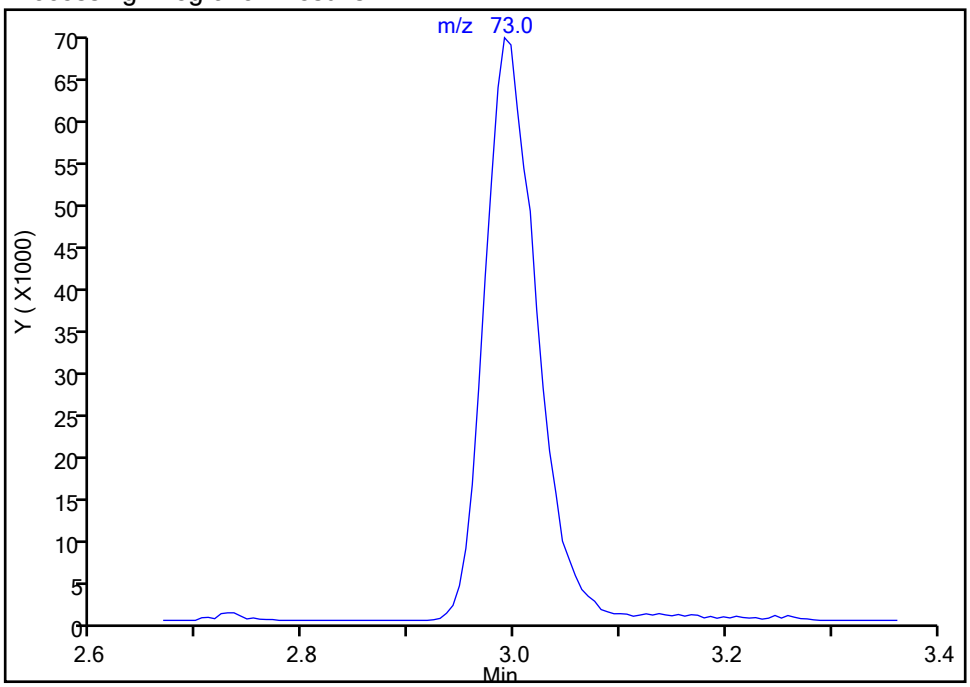
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Injection Date:	30-Aug-2024 21:56:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1 MS				
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

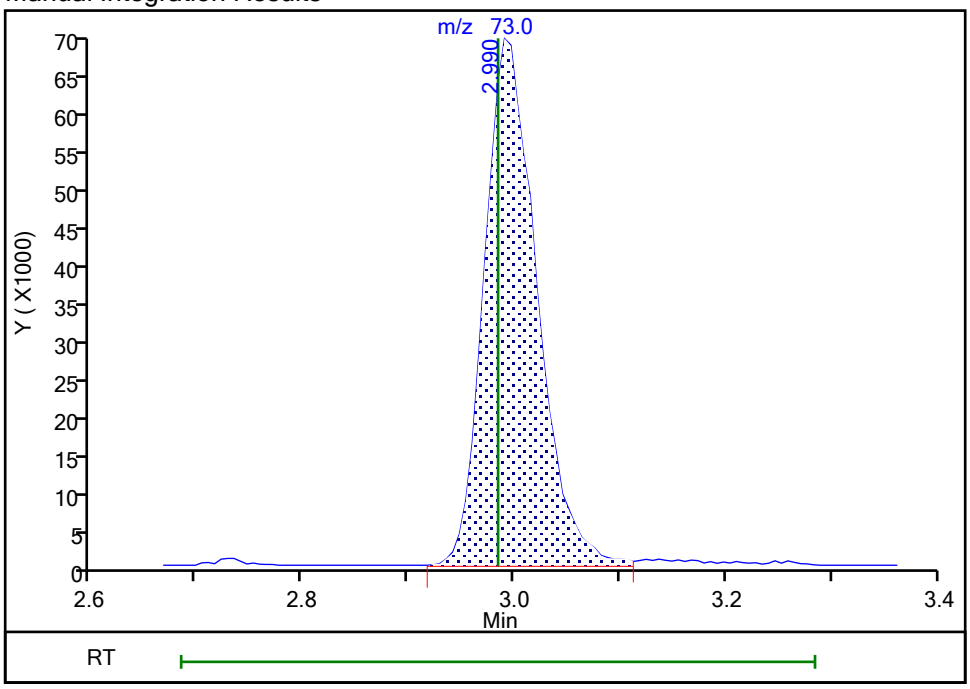
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 238963
Amount: 20.823383
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:44:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MSD | Lab Sample ID: 460-310268-1 MSD

Matrix: Water | Lab File ID: TT84449.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 22:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.6		1.0	0.20
75-34-3	1,1-Dichloroethane	22.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	24.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	24.4		1.0	0.38
106-93-4	1,2-Dibromoethane	22.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.21
107-06-2	1,2-Dichloroethane	20.8		1.0	0.43
78-87-5	1,2-Dichloropropane	21.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.0		1.0	0.33
78-93-3	2-Butanone	103		5.0	1.9
591-78-6	2-Hexanone	126		5.0	1.1
108-10-1	4-Methyl-2-pentanone	122		5.0	1.3
67-64-1	Acetone	98.2		5.0	4.4
71-43-2	Benzene	24.9		1.0	0.20
75-27-4	Bromodichloromethane	21.4		1.0	0.34
75-25-2	Bromoform	24.7		1.0	0.54
74-83-9	Bromomethane	20.3		1.0	0.55
75-15-0	Carbon disulfide	19.6		1.0	0.82
56-23-5	Carbon tetrachloride	26.1		1.0	0.21
108-90-7	Chlorobenzene	22.4		1.0	0.38
75-00-3	Chloroethane	19.0		1.0	0.32
67-66-3	Chloroform	22.6		1.0	0.33
74-87-3	Chloromethane	21.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.1		1.0	0.22
110-82-7	Cyclohexane	32.5		1.0	0.32
124-48-1	Dibromochloromethane	24.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	9.92		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310268-1

SDG No.:

Client Sample ID: NL-MW-03_20240827 MSD | Lab Sample ID: 460-310268-1 MSD

Matrix: Water | Lab File ID: TT84449.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 22:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	22.9		1.0	0.30
76-13-1	Freon TF	20.4		1.0	0.31
98-82-8	Isopropylbenzene	33.1		1.0	0.34
108-87-2	Methylcyclohexane	28.2		1.0	0.71
75-09-2	Methylene Chloride	22.0		1.0	0.32
1634-04-4	MTBE	22.3		1.0	0.22
100-42-5	Styrene	22.7		1.0	0.42
127-18-4	Tetrachloroethene	22.8		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.7		1.0	0.22
79-01-6	Trichloroethene	101		1.0	0.31
75-69-4	Trichlorofluoromethane	16.6		1.0	0.32
75-01-4	Vinyl chloride	19.4		1.0	0.17
1330-20-7	Xylenes, Total	46.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Sample Type: MSD
Inject. Date: 30-Aug-2024 22:16:30 ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MSD
Misc. Info.: 460-0180260-042
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:33:50 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:46:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.223	1.235	-0.012	1	233	20.0	4.71	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	55	12639	20.0	17.6	Ma
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	97	34242	20.0	17.9	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	47	45158	20.0	9.92	M
5 Chlorodifluoromethane	67	1.345	1.351	-0.006	96	12907	20.0	23.5	
6 Chloromethane	50	1.497	1.491	0.006	99	118973	20.0	21.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	92795	20.0	19.4	
8 Butadiene	54	1.576	1.570	0.006	97	76721	20.0	17.1	
9 Bromomethane	94	1.826	1.820	0.006	99	68405	20.0	20.3	
10 Chloroethane	64	1.881	1.881	0.000	99	59784	20.0	19.0	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	98	160681	20.0	20.0	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	46	80241	20.0	16.6	
13 Pentane	72	2.070	2.070	0.000	97	22498	40.0	39.9	
14 Ethanol	46	2.204	2.234	-0.030	90	20308	800.0	910.0	
15 Ethyl ether	74	2.235	2.234	0.001	95	49949	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	97	66817	20.0	21.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.302	-0.006	88	66475	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	107169	20.0	19.9	
19 Acrolein	56	2.393	2.387	0.006	94	36483	40.0	56.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	59823	20.0	20.4	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	97	74338	20.0	20.8	
22 Acetone	43	2.503	2.497	0.006	88	115817	100.0	98.2	
23 Iodomethane	142	2.576	2.570	0.006	96	134191	20.0	21.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	33	50691	200.0	219.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	100	250718	20.0	19.6	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	50657	20.0	20.8	
27 Methyl acetate	43	2.735	2.722	0.013	92	280775	40.0	93.3	
28 Cyclopentene	67	2.741	2.734	0.007	91	163473	20.0	21.8	
29 Acetonitrile	41	2.765	2.771	-0.006	66	150695	200.0	295.0	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	56849	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	95	97380	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	92	77942	200.0	210.8	a
33 Methyl tert-butyl ether	73	2.978	2.984	-0.006	97	246142	20.0	22.3	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	87630	20.0	22.8	
35 Acrylonitrile	53	3.070	3.070	0.000	95	315636	200.0	212.2	
36 Hexane	57	3.155	3.155	0.000	95	83200	20.0	20.7	
37 Isopropyl ether	45	3.356	3.356	0.000	95	279370	20.0	21.1	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	157144	20.0	22.0	
39 Vinyl acetate	86	3.393	3.393	0.000	100	30052	40.0	53.0	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	91	70066	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	263511	20.0	22.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	410388	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	97	25173	20.0	23.0	a
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	103270	20.0	23.7	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	44443	100.0	103.1	
46 Ethyl acetate	70	3.893	3.887	0.006	95	16403	40.0	43.4	
47 Methyl acrylate	55	3.942	3.941	0.001	99	68089	20.0	21.4	
48 Propionitrile	54	4.009	4.009	0.000	98	115560	200.0	177.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	60	21562	40.0	41.7	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	44043	20.0	20.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	344725	200.0	229.4	
52 Chloroform	83	4.143	4.143	0.000	99	143451	20.0	22.6	
53 Cyclohexane	84	4.271	4.271	0.000	95	159415	20.0	32.5	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	95	110871	20.0	23.7	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181604	50.0	49.6	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	80744	20.0	26.1	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	108640	20.0	22.6	
58 Isobutyl alcohol	43	4.551	4.551	0.000	91	153238	500.0	1239.7	
59 Isooctane	57	4.588	4.582	0.006	96	234778	20.0	20.8	
60 Benzene	78	4.612	4.612	0.000	96	389415	20.0	24.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	212806	50.0	49.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	82	262999	20.0	21.9	
63 Isopropyl acetate	61	4.679	4.673	0.006	92	44071	20.0	22.3	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	95	102943	20.0	20.8	
65 n-Heptane	100	4.771	4.771	0.000	95	13903	20.0	20.8	
* 66 Fluorobenzene	96	4.887	4.886	0.001	99	756995	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	94	45610	500.0	551.4	
68 Trichloroethene	95	5.228	5.228	0.000	98	364013	20.0	101.4	
69 Methylcyclohexane	83	5.350	5.356	-0.006	79	158537	20.0	28.2	
70 Ethyl acrylate	99	5.356	5.356	0.000	97	12844	20.0	21.8	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	93	86303	20.0	21.5	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	37425	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	40427	40.0	47.9	
75 1,4-Dioxane	88	5.618	5.618	0.000	61	16720	400.0	411.1	
74 Dibromomethane	93	5.636	5.630	0.006	95	49809	20.0	21.6	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	108248	20.0	20.8	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	89162	20.0	21.4	
78 2-Nitropropane	41	6.112	6.112	0.000	90	28715	40.0	58.8	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	88214	400.0	253.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	125779	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	174872	100.0	121.7	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	702900	50.0	49.1	
84 Toluene	91	6.587	6.587	0.000	93	334703	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	108385	20.0	22.7	
86 Ethyl methacrylate	69	6.972	6.977	-0.005	91	118631	20.0	23.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	97	62244	20.0	22.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	80140	20.0	22.8	
89 1,3-Dichloropropane	76	7.350	7.349	0.001	94	118960	20.0	21.5	
90 2-Hexanone	43	7.423	7.423	0.001	96	288348	100.0	125.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	134581	20.0	26.7	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	63262	20.0	24.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	68539	20.0	22.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	534723	50.0	50.0	
95 Chlorobenzene	112	8.301	8.300	0.001	95	219084	20.0	22.4	
96 Ethylbenzene	106	8.410	8.410	0.000	98	120525	20.0	22.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	94	68714	20.0	24.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	147561	20.0	23.4	
99 o-Xylene	106	9.087	9.087	0.000	94	147916	20.0	22.9	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	69089	20.0	32.3	
101 Styrene	104	9.124	9.123	0.001	95	231724	20.0	22.7	
102 Bromoform	173	9.373	9.367	0.006	98	37382	20.0	24.7	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	169001	20.0	21.5	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	484788	20.0	33.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	225437	50.0	50.1	
106 Bromobenzene	156	9.898	9.898	0.000	98	94963	20.0	22.0	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	98834	20.0	23.7	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	493643	20.0	25.2	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	27181	20.0	22.8	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	21229	20.0	22.0	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	298597	20.0	21.7	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	372623	20.0	22.7	
113 1,3,5-Trimethylbenzene	105	10.197	10.196	0.000	93	309350	20.0	22.8	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	279760	20.0	21.1	
115 Butyl Methacrylate	87	10.325	10.324	0.001	91	96939	20.0	18.5	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	279352	20.0	24.5	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	320648	20.0	22.6	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	490475	20.0	28.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	184818	20.0	21.9	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	352185	20.0	23.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	303858	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	185348	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	344105	20.0	22.4	
124 Benzyl chloride	91	11.087	11.086	0.001	99	132696	20.0	22.3	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	344165	20.0	23.5	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	235158	20.0	24.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	99	192485	20.0	23.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	186312	20.0	22.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	342391	20.0	23.1	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	95	14644	20.0	24.4	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	157771	20.0	22.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	153613	20.0	24.2	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	97	75697	20.0	23.2	
134 Naphthalene	128	12.775	12.775	0.000	99	368133	20.0	24.8	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	150424	20.0	23.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	46.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.8	
S 140 Total BTEX	1				0		100.0	114.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D

Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 MSD

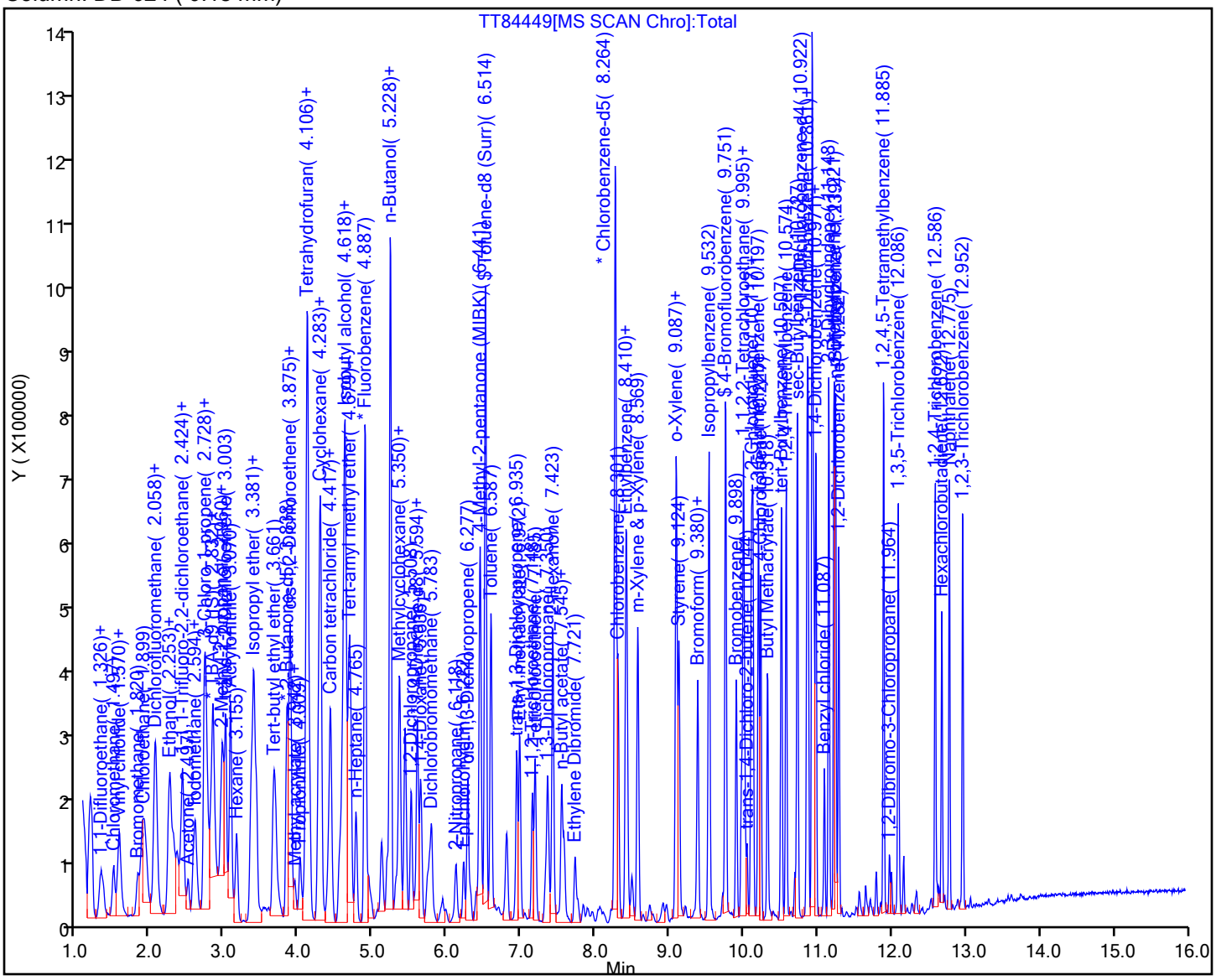
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 41 Worklist Smp#: 42

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Sample Type: MSD
Inject. Date: 30-Aug-2024 22:16:30 ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MSD
Misc. Info.: 460-0180260-042
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:33:50 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:46:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.6	99.14
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.27
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.15
$ 105 4-Bromofluorobenzene	50.0	50.1	100.29

Eurofins Edison

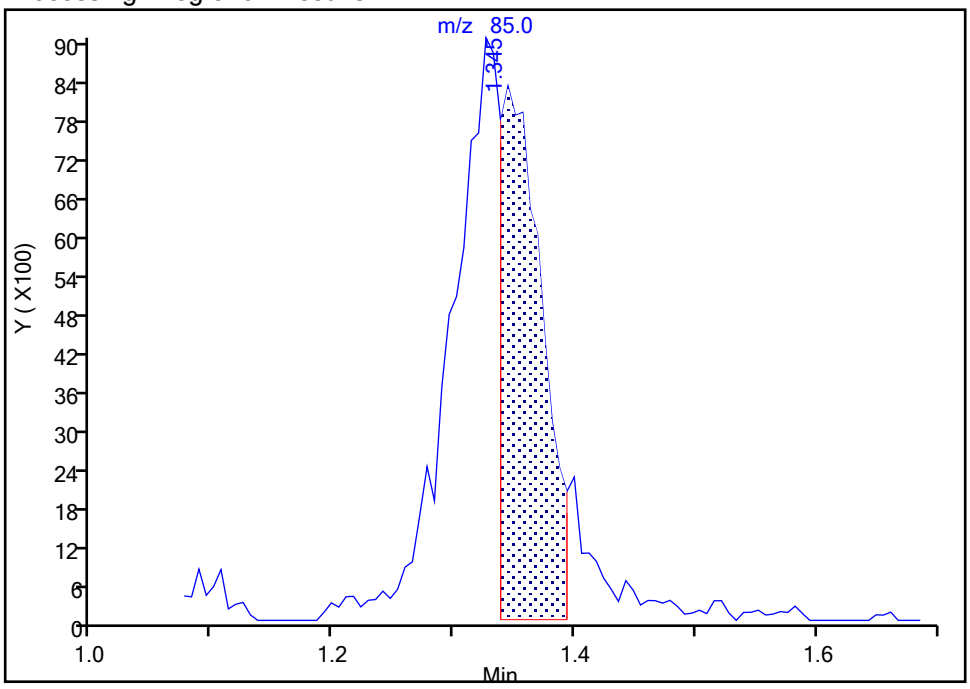
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

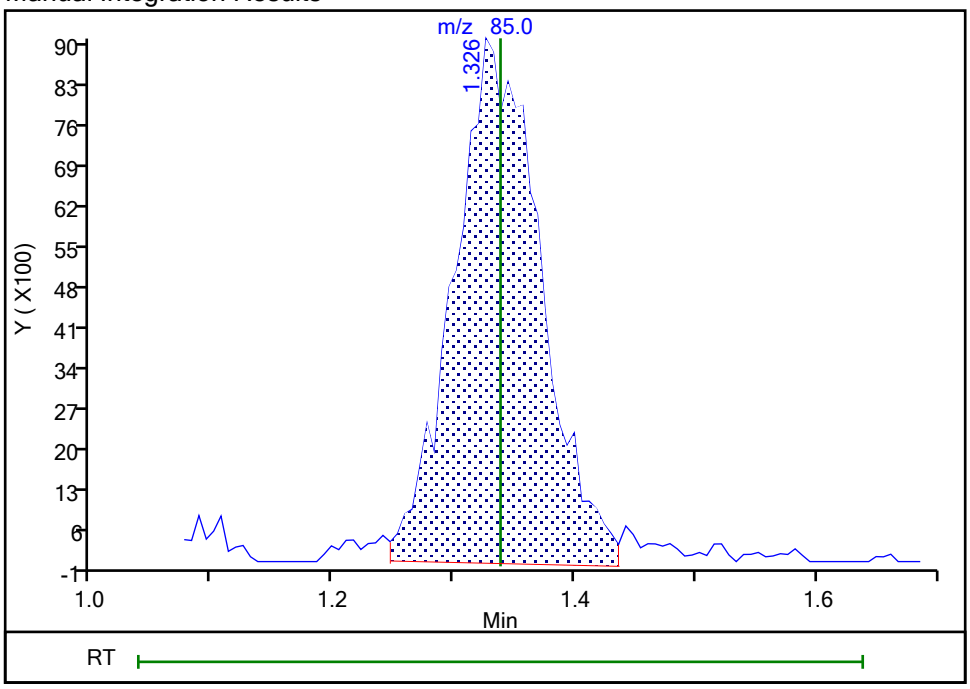
Processing Integration Results

RT: 1.34
Area: 20429
Amount: 4.488414
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 45158
Amount: 9.921573
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:45:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

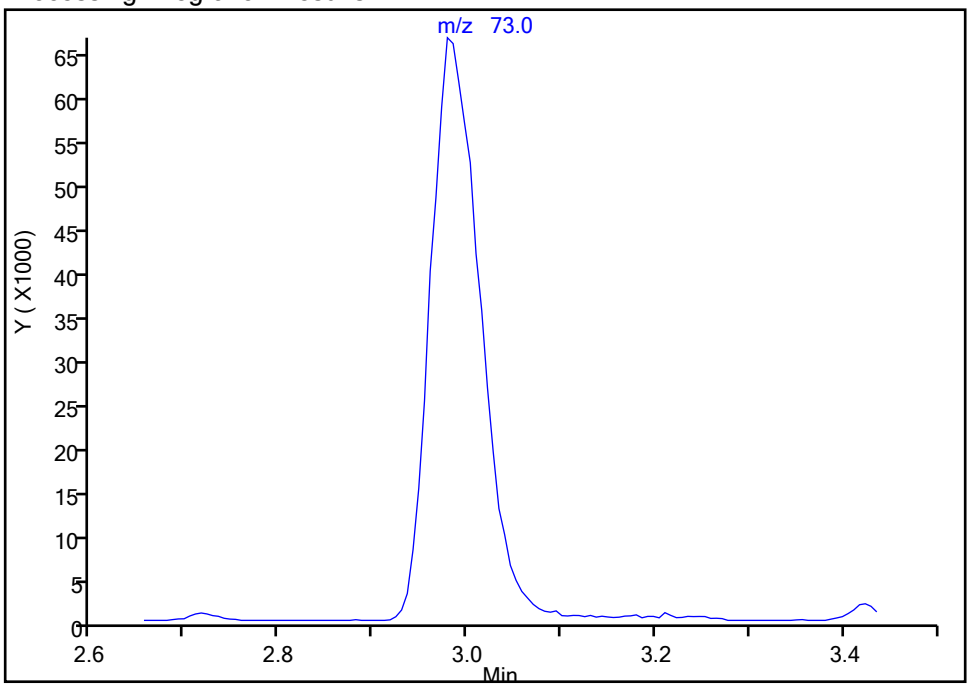
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

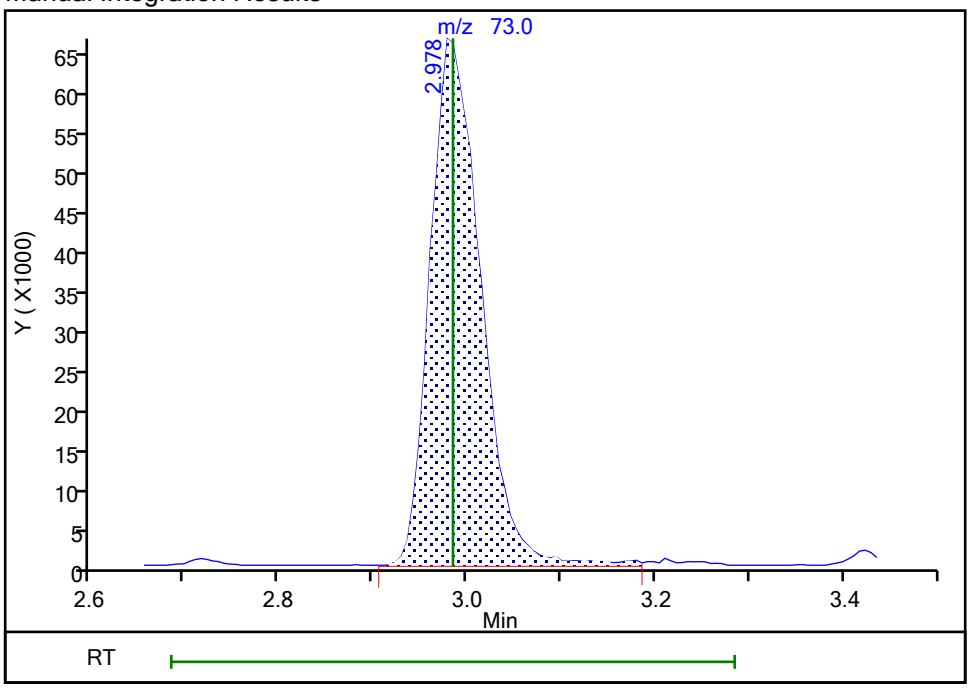
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.98
Area: 246142
Amount: 22.310641
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:46:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/30/2024 07:27

Analysis Batch Number: 993368 End Date: 08/30/2024 22:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-993368/1		08/30/2024 07:27	1	TT84408.D	DB-624 0.18(mm)
STD8 460-993368/3 IC		08/30/2024 08:07	1	TT84410.D	DB-624 0.18(mm)
STD05 460-993368/4 IC		08/30/2024 08:26	1	TT84411.D	DB-624 0.18(mm)
STD1 460-993368/5 IC		08/30/2024 08:46	1	TT84412.D	DB-624 0.18(mm)
STD5 460-993368/6 IC		08/30/2024 09:05	1	TT84413.D	DB-624 0.18(mm)
STD20 460-993368/7 ICIS		08/30/2024 09:25	1	TT84414.D	DB-624 0.18(mm)
STD50 460-993368/8 IC		08/30/2024 09:45	1	TT84415.D	DB-624 0.18(mm)
STD200 460-993368/9 IC		08/30/2024 10:04	1	TT84416.D	DB-624 0.18(mm)
STD500 460-993368/10 IC		08/30/2024 10:24	1	TT84417.D	DB-624 0.18(mm)
ICV 460-993368/15		08/30/2024 13:25	1	TT84422.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 13:25	1		DB-624 0.18(mm)
LCS 460-993368/17		08/30/2024 14:05	1	TT84424.D	DB-624 0.18(mm)
MB 460-993368/21		08/30/2024 15:23	1	TT84428.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 15:42	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:02	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:22	1		DB-624 0.18(mm)
460-310268-2	NL-FB-01_20240827	08/30/2024 16:41	1	TT84432.D	DB-624 0.18(mm)
460-310268-3	NL-TB-01_20240827	08/30/2024 17:01	1	TT84433.D	DB-624 0.18(mm)
460-310268-1	NL-MW-03_20240827	08/30/2024 17:21	1	TT84434.D	DB-624 0.18(mm)
460-310268-4	NL-MW-DUP_20240827	08/30/2024 17:41	1	TT84435.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:00	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:20	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:40	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:59	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:19	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:58	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:18	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:57	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:17	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:36	1		DB-624 0.18(mm)
460-310268-1 MS	NL-MW-03_20240827 MS	08/30/2024 21:56	1	TT84448.D	DB-624 0.18(mm)
460-310268-1 MSD	NL-MW-03_20240827 MSD	08/30/2024 22:16	1	TT84449.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	14DIOXINTER 00172	524FREONS 00023	7 Freons Hi 00017
BFB 460-993368/1		8260D			5 mL	5 mL				
STD8 460-993368/3 IC		8260D			5 mL	5 mL				
STD05 460-993368/4 IC		8260D			5 mL	5 mL		15 uL	5 uL	
STD1 460-993368/5 IC		8260D			5 mL	5 mL		30 uL	10 uL	
STD5 460-993368/6 IC		8260D			5 mL	5 mL			10 uL	
STD20 460-993368/7 ICIS		8260D			5 mL	5 mL			20 uL	
STD50 460-993368/8 IC		8260D			5 mL	5 mL			50 uL	
STD200 460-993368/9 IC		8260D			5 mL	5 mL				20 uL
STD500 460-993368/10 IC		8260D			5 mL	5 mL				50 uL
ICV 460-993368/15		8260D			5 mL	5 mL				
LCS 460-993368/17		8260D			5 mL	5 mL				
MB 460-993368/21		8260D			5 mL	5 mL				
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units		20 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units		20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	7 Freons SS 00017	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	7 Freons SS 00017	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D								20 uL
STD05 460-993368/4 IC		8260D					5 uL		2 uL	
STD1 460-993368/5 IC		8260D					10 uL		4 uL	
STD5 460-993368/6 IC		8260D					10 uL		4 uL	
STD20 460-993368/7 ICIS		8260D					20 uL		4 uL	
STD50 460-993368/8 IC		8260D					50 uL		10 uL	
STD200 460-993368/9 IC		8260D							20 uL	
STD500 460-993368/10 IC		8260D							40 uL	
ICV 460-993368/15		8260D			20 uL	20 uL		4 uL		
LCS 460-993368/17		8260D			20 uL	20 uL		4 uL		
MB 460-993368/21		8260D								
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T						
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T						
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T						
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T						
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T			20 uL		4 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T			20 uL		4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB 00036	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB 00036	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152
BFB 460-993368/1		8260D			1 uL					
STD8 460-993368/3 IC		8260D							2.5 uL	
STD05 460-993368/4 IC		8260D							5 uL	
STD1 460-993368/5 IC		8260D							10 uL	
STD5 460-993368/6 IC		8260D							10 uL	
STD20 460-993368/7 ICIS		8260D							20 uL	
STD50 460-993368/8 IC		8260D							50 uL	
STD200 460-993368/9 IC		8260D				20 uL		20 uL		20 uL
STD500 460-993368/10 IC		8260D				50 uL		50 uL		50 uL
ICV 460-993368/15		8260D					20 uL			
LCS 460-993368/17		8260D					20 uL			
MB 460-993368/21		8260D								
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T						
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T						
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T						
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T						
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T					20 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T					20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX I Hi 00179	VOA6IS/SURR 00076				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX I Hi 00179	VOA6IS/SURR 00076				
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D				5 uL				
STD05 460-993368/4 IC		8260D				5 uL				
STD1 460-993368/5 IC		8260D				5 uL				
STD5 460-993368/6 IC		8260D				5 uL				
STD20 460-993368/7 ICIS		8260D				5 uL				
STD50 460-993368/8 IC		8260D				5 uL				
STD200 460-993368/9 IC		8260D			20 uL	5 uL				
STD500 460-993368/10 IC		8260D			50 uL	5 uL				
ICV 460-993368/15		8260D				5 uL				
LCS 460-993368/17		8260D				5 uL				
MB 460-993368/21		8260D				5 uL				
460-310268-A-2	NL-FB-01_20240827	8260D	Water	T		5 uL				
460-310268-A-3	NL-TB-01_20240827	8260D	Water	T		5 uL				
460-310268-A-1	NL-MW-03_20240827	8260D	Water	T		5 uL				
460-310268-A-4	NL-MW-DUP_20240827	8260D	Water	T		5 uL				
460-310268-A-1 MS	NL-MW-03_20240827	8260D	Water	T		5 uL				
460-310268-A-1 MSD	NL-MW-03_20240827	8260D	Water	T		5 uL				

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310268-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

685940

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jensen	Site Contact: Brian Quinn	Date: 08/27/24	COC No: 1 of 1 COCs
Company Name: AKRF, Inc	Tel/Email: mjensen@akrcorp.com	Lab Contact:	Carrier:	Sampler:
Address: 440 Park Ave S 7th fl	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: New York, NY 10016	TAT if different from Below: Standard			Job / SDG No. 460-310268
Phone: 336-766-9345 614-560-5425	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Fax:				
Project Name: 3700 Jerome Ave				
Site:				
PO# 11455				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs 8260	Sample Specific Notes:
NL-MW-03_20240827	08/27/24	1415	G	Gw	9		X	X	
NL-FB-01 20240827	"	1440	"	"	2			X	
NL-FB-01_20240827	"	0000	"	"	2			X	
NL-MW-DUP_20240827	"	1200	"	"	3			X	

460-310268 Chain of Custody

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

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

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

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

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

Special Instructions/QC Requirements & Comments.

Cat B deliverables, EQUIS EDD, Lab to report project specific compounds

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

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AKRF	08/27/24 1515	[signature]	[illegible]	8/27/24 1610
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
			[signature]	EET	8/27/24 1615
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
[signature]	EET 8/27/24	1815	[signature]	EET	8/27/24 1845

no ice ER# 9017.09

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 460.310268

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.2 °C	0.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

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

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

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

Initials: MM Date: 8/27/24

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-310268-1

Login Number: 310268
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mark Jepsen
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 2/24/2025 4:48 PM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-320734-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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

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

Compliance Statement

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

Authorization



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

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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-320734-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 2/18/2025 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples NL-MW-1E_20250218 (460-320734-1), NL-MW-2E_20250218 (460-320734-2), NL-MW-3_20250218 (460-320734-3), NL-MW-DUP_20250218 (460-320734-4), NL-MW-TB-01_20250218 (460-320734-5) and NL-MW-FB-01_20250218 (460-320734-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/23/2025.

Trichloroethene failed the recovery criteria low for the MS/MSD of sample NL-MW-3_20250218MS (460-320734-3) in batch 460-1022545.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-320734-1	NL-MW-1E_20250218	Water	02/18/25 09:20	02/18/25 18:00
460-320734-2	NL-MW-2E_20250218	Water	02/18/25 13:00	02/18/25 18:00
460-320734-3	NL-MW-3_20250218	Water	02/18/25 11:45	02/18/25 18:00
460-320734-4	NL-MW-DUP_20250218	Water	02/18/25 12:00	02/18/25 18:00
460-320734-5	NL-MW-TB-01_20250218	Water	02/18/25 14:00	02/18/25 18:00
460-320734-6	NL-MW-FB-01_20250218	Water	02/18/25 14:05	02/18/25 18:00

Detection Summary

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-1E_20250218 — Lab Sample ID: 460-320734-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.44	J	1.0	0.33	ug/L	1		8260D	Total/NA
MTBE	0.73	J	1.0	0.22	ug/L	1		8260D	Total/NA
Trichloroethene	5.3		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-2E_20250218 — Lab Sample ID: 460-320734-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.5		0.28	0.074	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-3_20250218 — Lab Sample ID: 460-320734-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.4		0.45	0.070	ug/L	1		8260D	Total/NA
Chloroform	0.35	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.0		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	15		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	0.43	J	1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	16		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	5.1		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.73	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.4		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	71		0.28	0.074	ug/L	1		8260D	Total/NA
Vinyl chloride	0.38	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-DUP_20250218 — Lab Sample ID: 460-320734-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.4		0.45	0.070	ug/L	1		8260D	Total/NA
Chloroform	0.38	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.0		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	16		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	0.45	J	1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	17		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	6.0		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.76	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.3		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	74		0.28	0.074	ug/L	1		8260D	Total/NA
Vinyl chloride	0.35	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-TB-01_20250218 — Lab Sample ID: 460-320734-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J	5.0	4.4	ug/L	1		8260D	Total/NA
Chloromethane	0.61	J	1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-FB-01_20250218 — Lab Sample ID: 460-320734-6

No Detections.

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: NL-MW-1E_20250218
Lab Sample ID: 460-320734-1

Date Collected: 02/18/25 09:20
Matrix: Water

Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 08:02	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 08:02	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 08:02	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 08:02	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 08:02	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 08:02	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 08:02	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 08:02	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 08:02	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 08:02	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 08:02	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 08:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 08:02	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 08:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 08:02	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 08:02	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/25 08:02	1
Benzene	0.070	U	0.45	0.070	ug/L			02/23/25 08:02	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 08:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 08:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 08:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 08:02	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 08:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 08:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 08:02	1
Chloroform	**0.44**	**J**	1.0	0.33	ug/L			02/23/25 08:02	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/25 08:02	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/23/25 08:02	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 08:02	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/23/25 08:02	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 08:02	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 08:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/23/25 08:02	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 08:02	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/23/25 08:02	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/23/25 08:02	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 08:02	1
MTBE	**0.73**	**J**	1.0	0.22	ug/L			02/23/25 08:02	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 08:02	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 08:02	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 08:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/23/25 08:02	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 08:02	1
Trichloroethene	**5.3**		0.28	0.074	ug/L			02/23/25 08:02	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 08:02	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/23/25 08:02	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*02/23/25 08:02*	*1*

Client Sample ID: NL-MW-1E_20250218
Lab Sample ID: 460-320734-1

Date Collected: 02/18/25 09:20
Matrix: Water
Date Received: 02/18/25 18:00

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Bromofluorobenzene	*104*		*76 - 120*		*02/23/25 08:02*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*02/23/25 08:02*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/23/25 08:02*	*1*

Client Sample ID: NL-MW-2E_20250218
Lab Sample ID: 460-320734-2

Date Collected: 02/18/25 13:00
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 08:25	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 08:25	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 08:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 08:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 08:25	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 08:25	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 08:25	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 08:25	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 08:25	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 08:25	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 08:25	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 08:25	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 08:25	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 08:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 08:25	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 08:25	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/25 08:25	1
Benzene	0.070	U	0.45	0.070	ug/L			02/23/25 08:25	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 08:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 08:25	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 08:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 08:25	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 08:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 08:25	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 08:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/23/25 08:25	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/25 08:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/23/25 08:25	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 08:25	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/23/25 08:25	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 08:25	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 08:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/23/25 08:25	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 08:25	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/23/25 08:25	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/23/25 08:25	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 08:25	1
MTBE	0.22	U	1.0	0.22	ug/L			02/23/25 08:25	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 08:25	1

Client Sample ID: NL-MW-2E_20250218
Lab Sample ID: 460-320734-2

Date Collected: 02/18/25 13:00
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 08:25	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 08:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/23/25 08:25	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 08:25	1
Trichloroethene	**5.5**		0.28	0.074	ug/L			02/23/25 08:25	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 08:25	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/23/25 08:25	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/23/25 08:25*	*1*
Bromofluorobenzene	*103*		*76 - 120*		*02/23/25 08:25*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*02/23/25 08:25*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*02/23/25 08:25*	*1*

Client Sample ID: NL-MW-3_20250218
Lab Sample ID: 460-320734-3

Date Collected: 02/18/25 11:45
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 08:47	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 08:47	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 08:47	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 08:47	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 08:47	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 08:47	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 08:47	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 08:47	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 08:47	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 08:47	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 08:47	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 08:47	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 08:47	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 08:47	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 08:47	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 08:47	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/25 08:47	1
Benzene	**5.4**		0.45	0.070	ug/L			02/23/25 08:47	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 08:47	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 08:47	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 08:47	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 08:47	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 08:47	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 08:47	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 08:47	1
Chloroform	**0.35**	**J**	1.0	0.33	ug/L			02/23/25 08:47	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/25 08:47	1
cis-1,2-Dichloroethene	**4.0**		1.0	0.22	ug/L			02/23/25 08:47	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 08:47	1

Client Sample ID: NL-MW-3_20250218
Lab Sample ID: 460-320734-3

Date Collected: 02/18/25 11:45
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	**15**		1.0	0.32	ug/L			02/23/25 08:47	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 08:47	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 08:47	1
Ethylbenzene	**0.43**	**J**	1.0	0.30	ug/L			02/23/25 08:47	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 08:47	1
Isopropylbenzene	**16**		1.0	0.34	ug/L			02/23/25 08:47	1
Methylcyclohexane	**5.1**		1.0	0.71	ug/L			02/23/25 08:47	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 08:47	1
MTBE	**0.73**	**J**	1.0	0.22	ug/L			02/23/25 08:47	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 08:47	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 08:47	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 08:47	1
trans-1,2-Dichloroethene	**1.4**		1.0	0.24	ug/L			02/23/25 08:47	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 08:47	1
Trichloroethene	**71**		0.28	0.074	ug/L			02/23/25 08:47	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 08:47	1
Vinyl chloride	**0.38**	**J**	1.0	0.17	ug/L			02/23/25 08:47	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*02/23/25 08:47*	*1*
Bromofluorobenzene	*102*		*76 - 120*		*02/23/25 08:47*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*02/23/25 08:47*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*02/23/25 08:47*	*1*

Client Sample ID: NL-MW-DUP_20250218
Lab Sample ID: 460-320734-4

Date Collected: 02/18/25 12:00
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 09:10	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 09:10	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 09:10	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 09:10	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 09:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 09:10	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 09:10	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 09:10	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 09:10	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 09:10	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 09:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 09:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 09:10	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 09:10	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 09:10	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 09:10	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/25 09:10	1
Benzene	**5.4**		0.45	0.070	ug/L			02/23/25 09:10	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 09:10	1

Client Sample ID: NL-MW-DUP_20250218
Lab Sample ID: 460-320734-4
Date Collected: 02/18/25 12:00
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 09:10	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 09:10	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 09:10	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 09:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 09:10	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 09:10	1
Chloroform	**0.38**	**J**	1.0	0.33	ug/L			02/23/25 09:10	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/25 09:10	1
cis-1,2-Dichloroethene	**4.0**		1.0	0.22	ug/L			02/23/25 09:10	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 09:10	1
Cyclohexane	**16**		1.0	0.32	ug/L			02/23/25 09:10	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 09:10	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 09:10	1
Ethylbenzene	**0.45**	**J**	1.0	0.30	ug/L			02/23/25 09:10	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 09:10	1
Isopropylbenzene	**17**		1.0	0.34	ug/L			02/23/25 09:10	1
Methylcyclohexane	**6.0**		1.0	0.71	ug/L			02/23/25 09:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 09:10	1
MTBE	**0.76**	**J**	1.0	0.22	ug/L			02/23/25 09:10	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 09:10	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 09:10	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 09:10	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.24	ug/L			02/23/25 09:10	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 09:10	1
Trichloroethene	**74**		0.28	0.074	ug/L			02/23/25 09:10	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 09:10	1
Vinyl chloride	**0.35**	**J**	1.0	0.17	ug/L			02/23/25 09:10	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*02/23/25 09:10*	*1*
Bromofluorobenzene	*105*		*76 - 120*		*02/23/25 09:10*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*02/23/25 09:10*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*02/23/25 09:10*	*1*

Client Sample ID: NL-MW-TB-01_20250218
Lab Sample ID: 460-320734-5
Date Collected: 02/18/25 14:00
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 09:33	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 09:33	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 09:33	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 09:33	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 09:33	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 09:33	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 09:33	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 09:33	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 09:33	1

Client Sample ID: NL-MW-TB-01_20250218
Lab Sample ID: 460-320734-5

Date Collected: 02/18/25 14:00
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 09:33	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 09:33	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 09:33	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 09:33	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 09:33	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 09:33	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 09:33	1
Acetone	**4.4**	**J**	5.0	4.4	ug/L			02/23/25 09:33	1
Benzene	0.070	U	0.45	0.070	ug/L			02/23/25 09:33	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 09:33	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 09:33	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 09:33	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 09:33	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 09:33	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 09:33	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 09:33	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/23/25 09:33	1
Chloromethane	**0.61**	**J**	1.0	0.40	ug/L			02/23/25 09:33	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/23/25 09:33	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 09:33	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/23/25 09:33	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 09:33	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 09:33	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/23/25 09:33	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 09:33	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/23/25 09:33	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/23/25 09:33	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 09:33	1
MTBE	0.22	U	1.0	0.22	ug/L			02/23/25 09:33	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 09:33	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 09:33	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 09:33	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/23/25 09:33	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 09:33	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			02/23/25 09:33	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 09:33	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/23/25 09:33	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*02/23/25 09:33*	*1*
Bromofluorobenzene	*101*		*76 - 120*		*02/23/25 09:33*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*02/23/25 09:33*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*02/23/25 09:33*	*1*

Client Sample ID: NL-MW-FB-01_20250218
Lab Sample ID: 460-320734-6

Date Collected: 02/18/25 14:05
Matrix: Water
Date Received: 02/18/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 09:55	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 09:55	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 09:55	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 09:55	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 09:55	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 09:55	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 09:55	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 09:55	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 09:55	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 09:55	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 09:55	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 09:55	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 09:55	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 09:55	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 09:55	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 09:55	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/25 09:55	1
Benzene	0.070	U	0.45	0.070	ug/L			02/23/25 09:55	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 09:55	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 09:55	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 09:55	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 09:55	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 09:55	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 09:55	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 09:55	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/23/25 09:55	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/25 09:55	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/23/25 09:55	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 09:55	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/23/25 09:55	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 09:55	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 09:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/23/25 09:55	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 09:55	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/23/25 09:55	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/23/25 09:55	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 09:55	1
MTBE	0.22	U	1.0	0.22	ug/L			02/23/25 09:55	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 09:55	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 09:55	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 09:55	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/23/25 09:55	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 09:55	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			02/23/25 09:55	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 09:55	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/23/25 09:55	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*02/23/25 09:55*	*1*

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-FB-01_20250218
Lab Sample ID: 460-320734-6
Date Collected: 02/18/25 14:05
Matrix: Water
Date Received: 02/18/25 18:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	105		76 - 120		02/23/25 09:55	1
Dibromofluoromethane (Surr)	107		77 - 132		02/23/25 09:55	1
Toluene-d8 (Surr)	108		80 - 120		02/23/25 09:55	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-320734-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-320734-1	NL-MW-1E_20250218	102	104	102	105
460-320734-2	NL-MW-2E_20250218	106	103	106	104
460-320734-3	NL-MW-3_20250218	102	102	102	108
460-320734-3 MS	NL-MW-3_20250218	96	100	100	101
460-320734-3 MSD	NL-MW-3_20250218	104	104	103	107
460-320734-4	NL-MW-DUP_20250218	104	105	98	108
460-320734-5	NL-MW-TB-01_20250218	102	101	104	101
460-320734-6	NL-MW-FB-01_20250218	103	105	107	108
LCS 460-1022545/3	Lab Control Sample	100	103	103	101
LCSD 460-1022545/4	Lab Control Sample Dup	103	99	103	98
MB 460-1022545/9	Method Blank	107	105	109	105

Surrogate Legend

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

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

Lab Sample ID: MB 460-1022545/9
Matrix: Water
Analysis Batch: 1022545

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/25 06:54	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			02/23/25 06:54	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			02/23/25 06:54	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/25 06:54	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/25 06:54	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/23/25 06:54	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/23/25 06:54	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/23/25 06:54	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/23/25 06:54	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			02/23/25 06:54	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			02/23/25 06:54	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/23/25 06:54	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/23/25 06:54	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/23/25 06:54	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/25 06:54	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/23/25 06:54	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/25 06:54	1
Benzene	0.070	U	0.45	0.070	ug/L			02/23/25 06:54	1
Bromodichloromethane	0.15	U	0.98	0.15	ug/L			02/23/25 06:54	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/25 06:54	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/25 06:54	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/25 06:54	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/25 06:54	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/25 06:54	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/25 06:54	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/23/25 06:54	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/25 06:54	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/23/25 06:54	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			02/23/25 06:54	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/23/25 06:54	1
Dibromochloromethane	0.086	U	0.78	0.086	ug/L			02/23/25 06:54	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/23/25 06:54	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/23/25 06:54	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/23/25 06:54	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/23/25 06:54	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/23/25 06:54	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/25 06:54	1
MTBE	0.22	U	1.0	0.22	ug/L			02/23/25 06:54	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/25 06:54	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			02/23/25 06:54	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/25 06:54	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/23/25 06:54	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			02/23/25 06:54	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			02/23/25 06:54	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/23/25 06:54	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/23/25 06:54	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/25 06:54	1

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

Lab Sample ID: MB 460-1022545/9
Matrix: Water
Analysis Batch: 1022545

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*02/23/25 06:54*	*1*
Bromofluorobenzene	*105*		*76 - 120*		*02/23/25 06:54*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*02/23/25 06:54*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/23/25 06:54*	*1*

Lab Sample ID: LCS 460-1022545/3
Matrix: Water
Analysis Batch: 1022545

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		99	63 - 139
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	19.5		ug/L		98	68 - 133
1,2,4-Trichlorobenzene	20.0	22.4		ug/L		112	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.7		ug/L		98	58 - 132
1,2-Dibromoethane	20.0	19.2		ug/L		96	79 - 126
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,2-Dichloroethane	20.0	18.9		ug/L		95	66 - 129
1,2-Dichloropropane	20.0	19.7		ug/L		98	72 - 128
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
2-Butanone	100	101		ug/L		101	65 - 142
2-Hexanone	100	101		ug/L		101	72 - 134
4-Methyl-2-pentanone	100	107		ug/L		107	77 - 130
Acetone	100	92.5		ug/L		93	60 - 133
Benzene	20.0	19.6		ug/L		98	71 - 126
Bromodichloromethane	20.0	19.7		ug/L		98	76 - 121
Bromoform	20.0	19.2		ug/L		96	58 - 128
Bromomethane	20.0	20.1		ug/L		101	33 - 150
Carbon disulfide	20.0	20.4		ug/L		102	35 - 150
Carbon tetrachloride	20.0	20.3		ug/L		101	65 - 131
Chlorobenzene	20.0	19.3		ug/L		96	80 - 120
Chloroethane	20.0	21.4		ug/L		107	54 - 150
Chloroform	20.0	20.4		ug/L		102	78 - 125
Chloromethane	20.0	18.9		ug/L		95	43 - 149
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	78 - 121
cis-1,3-Dichloropropene	20.0	19.1		ug/L		95	74 - 125
Cyclohexane	20.0	21.0		ug/L		105	64 - 142
Dibromochloromethane	20.0	19.4		ug/L		97	73 - 121
Dichlorodifluoromethane	20.0	17.9		ug/L		90	38 - 144
Ethylbenzene	20.0	20.3		ug/L		101	78 - 120
Freon TF	20.0	19.9		ug/L		99	65 - 142
Isopropylbenzene	20.0	21.6		ug/L		108	79 - 125
Methylcyclohexane	20.0	20.2		ug/L		101	63 - 138
Methylene Chloride	20.0	20.3		ug/L		101	74 - 127
MTBE	20.0	20.0		ug/L		100	72 - 131

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

Lab Sample ID: LCS 460-1022545/3
Matrix: Water
Analysis Batch: 1022545

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			20.0	20.9		ug/L		104	82 - 127		
Tetrachloroethene			20.0	18.8		ug/L		94	70 - 127		
Toluene			20.0	19.3		ug/L		96	78 - 120		
trans-1,2-Dichloroethene			20.0	19.7		ug/L		99	70 - 126		
trans-1,3-Dichloropropene			20.0	19.7		ug/L		98	71 - 127		
Trichloroethene			20.0	18.4		ug/L		92	73 - 121		
Trichlorofluoromethane			20.0	20.3		ug/L		102	62 - 134		
Vinyl chloride			20.0	19.6		ug/L		98	55 - 144		
Xylenes, Total			40.0	41.5		ug/L		104	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 460-1022545/4
Matrix: Water
Analysis Batch: 1022545

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	21.1		ug/L		106	72 - 128	2	30
1,1,2,2-Tetrachloroethane			20.0	22.1		ug/L		111	63 - 139	12	30
1,1,2-Trichloroethane			20.0	20.5		ug/L		102	74 - 125	3	30
1,1-Dichloroethane			20.0	21.8		ug/L		109	73 - 130	3	30
1,1-Dichloroethene			20.0	21.8		ug/L		109	68 - 133	11	30
1,2,4-Trichlorobenzene			20.0	22.9		ug/L		115	67 - 132	2	30
1,2-Dibromo-3-Chloropropane			20.0	20.6		ug/L		103	58 - 132	4	30
1,2-Dibromoethane			20.0	21.2		ug/L		106	79 - 126	10	30
1,2-Dichlorobenzene			20.0	22.0		ug/L		110	80 - 120	6	30
1,2-Dichloroethane			20.0	20.5		ug/L		103	66 - 129	8	30
1,2-Dichloropropane			20.0	21.0		ug/L		105	72 - 128	7	30
1,3-Dichlorobenzene			20.0	21.2		ug/L		106	80 - 120	7	30
1,4-Dichlorobenzene			20.0	21.0		ug/L		105	80 - 120	7	30
2-Butanone			100	105		ug/L		105	65 - 142	4	30
2-Hexanone			100	107		ug/L		107	72 - 134	5	30
4-Methyl-2-pentanone			100	107		ug/L		107	77 - 130	0	30
Acetone			100	102		ug/L		102	60 - 133	9	30
Benzene			20.0	19.8		ug/L		99	71 - 126	1	30
Bromodichloromethane			20.0	21.3		ug/L		106	76 - 121	8	30
Bromoform			20.0	20.4		ug/L		102	58 - 128	6	30
Bromomethane			20.0	20.3		ug/L		101	33 - 150	1	30
Carbon disulfide			20.0	20.8		ug/L		104	35 - 150	2	30
Carbon tetrachloride			20.0	20.6		ug/L		103	65 - 131	1	30
Chlorobenzene			20.0	21.2		ug/L		106	80 - 120	9	30
Chloroethane			20.0	21.0		ug/L		105	54 - 150	2	30
Chloroform			20.0	21.7		ug/L		108	78 - 125	6	30
Chloromethane			20.0	19.0		ug/L		95	43 - 149	0	30

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

Lab Sample ID: LCSD 460-1022545/4
Matrix: Water
Analysis Batch: 1022545

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			20.0	21.2		ug/L		106	78 - 121	7	30
cis-1,3-Dichloropropene			20.0	21.0		ug/L		105	74 - 125	9	30
Cyclohexane			20.0	20.8		ug/L		104	64 - 142	1	30
Dibromochloromethane			20.0	20.8		ug/L		104	73 - 121	7	30
Dichlorodifluoromethane			20.0	17.9		ug/L		90	38 - 144	0	30
Ethylbenzene			20.0	20.8		ug/L		104	78 - 120	3	30
Freon TF			20.0	21.8		ug/L		109	65 - 142	9	30
Isopropylbenzene			20.0	21.9		ug/L		109	79 - 125	1	30
Methylcyclohexane			20.0	21.0		ug/L		105	63 - 138	4	30
Methylene Chloride			20.0	21.2		ug/L		106	74 - 127	5	30
MTBE			20.0	21.2		ug/L		106	72 - 131	6	30
Styrene			20.0	21.2		ug/L		106	82 - 127	2	30
Tetrachloroethene			20.0	19.3		ug/L		97	70 - 127	3	30
Toluene			20.0	20.6		ug/L		103	78 - 120	7	30
trans-1,2-Dichloroethene			20.0	21.2		ug/L		106	70 - 126	7	30
trans-1,3-Dichloropropene			20.0	21.5		ug/L		107	71 - 127	9	30
Trichloroethene			20.0	20.1		ug/L		101	73 - 121	9	30
Trichlorofluoromethane			20.0	20.2		ug/L		101	62 - 134	0	30
Vinyl chloride			20.0	19.8		ug/L		99	55 - 144	1	30
Xylenes, Total			40.0	41.9		ug/L		105	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*
Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-320734-3 MS
Matrix: Water
Analysis Batch: 1022545

Client Sample ID: NL-MW-3_20250218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U	20.0	20.0		ug/L		100	72 - 128
1,1,2,2-Tetrachloroethane	0.085	U	20.0	21.1		ug/L		106	63 - 139
1,1,2-Trichloroethane	0.19	U	20.0	19.2		ug/L		96	74 - 125
1,1-Dichloroethane	0.26	U	20.0	19.9		ug/L		99	73 - 130
1,1-Dichloroethene	0.26	U	20.0	19.3		ug/L		97	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	22.0		ug/L		110	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.6		ug/L		93	58 - 132
1,2-Dibromoethane	0.50	U	20.0	19.0		ug/L		95	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	20.9		ug/L		105	80 - 120
1,2-Dichloroethane	0.087	U	20.0	18.0		ug/L		90	66 - 129
1,2-Dichloropropane	0.074	U	20.0	19.1		ug/L		95	72 - 128
1,3-Dichlorobenzene	0.34	U	20.0	20.1		ug/L		101	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	19.7		ug/L		99	80 - 120
2-Butanone	1.9	U	100	98.4		ug/L		98	65 - 142
2-Hexanone	1.1	U	100	103		ug/L		103	72 - 134
4-Methyl-2-pentanone	1.3	U	100	116		ug/L		116	77 - 130

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

Lab Sample ID: 460-320734-3 MS
Client Sample ID: NL-MW-3_20250218
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1022545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	4.4	U	100	98.4		ug/L		98	60 - 133
Benzene	5.4		20.0	21.7		ug/L		82	71 - 126
Bromodichloromethane	0.15	U	20.0	18.2		ug/L		91	76 - 121
Bromoform	0.54	U	20.0	17.2		ug/L		86	58 - 128
Bromomethane	0.55	U	20.0	19.9		ug/L		99	33 - 150
Carbon disulfide	0.82	U	20.0	16.8		ug/L		84	35 - 150
Carbon tetrachloride	0.21	U	20.0	17.8		ug/L		89	65 - 131
Chlorobenzene	0.38	U	20.0	19.4		ug/L		97	80 - 120
Chloroethane	0.32	U	20.0	20.8		ug/L		104	54 - 150
Chloroform	0.35	J	20.0	20.5		ug/L		101	78 - 125
Chloromethane	0.40	U	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	4.0		20.0	22.6		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.069	U	20.0	17.8		ug/L		89	74 - 125
Cyclohexane	15		20.0	28.6		ug/L		70	64 - 142
Dibromochloromethane	0.086	U	20.0	17.9		ug/L		90	73 - 121
Dichlorodifluoromethane	0.31	U	20.0	17.2		ug/L		86	38 - 144
Ethylbenzene	0.43	J	20.0	21.1		ug/L		103	78 - 120
Freon TF	0.31	U	20.0	18.5		ug/L		93	65 - 142
Isopropylbenzene	16		20.0	36.4		ug/L		103	79 - 125
Methylcyclohexane	5.1		20.0	23.4		ug/L		91	63 - 138
Methylene Chloride	0.32	U	20.0	21.6		ug/L		108	74 - 127
MTBE	0.73	J	20.0	21.8		ug/L		106	72 - 131
Styrene	0.42	U	20.0	20.3		ug/L		101	82 - 127
Tetrachloroethene	0.28	U	20.0	18.0		ug/L		90	70 - 127
Toluene	0.38	U	20.0	19.4		ug/L		97	78 - 120
trans-1,2-Dichloroethene	1.4		20.0	20.4		ug/L		95	70 - 126
trans-1,3-Dichloropropene	0.12	U	20.0	17.2		ug/L		86	71 - 127
Trichloroethene	71		20.0	77.5	*	ug/L		34	73 - 121
Trichlorofluoromethane	0.32	U	20.0	19.3		ug/L		96	62 - 134
Vinyl chloride	0.38	J	20.0	20.0		ug/L		98	55 - 144
Xylenes, Total	0.65	U	40.0	41.3		ug/L		103	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 460-320734-3 MSD
Client Sample ID: NL-MW-3_20250218
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1022545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	20.0		ug/L		100	72 - 128	0	30
1,1,2,2-Tetrachloroethane	0.085	U	20.0	22.5		ug/L		113	63 - 139	6	30
1,1,2-Trichloroethane	0.19	U	20.0	20.9		ug/L		104	74 - 125	8	30
1,1-Dichloroethane	0.26	U	20.0	20.6		ug/L		103	73 - 130	3	30
1,1-Dichloroethene	0.26	U	20.0	18.9		ug/L		95	68 - 133	2	30

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

Lab Sample ID: 460-320734-3 MSD
Client Sample ID: NL-MW-3_20250218
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1022545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.37	U	20.0	23.7		ug/L		118	67 - 132	7	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	22.0		ug/L		110	58 - 132	17	30
1,2-Dibromoethane	0.50	U	20.0	20.5		ug/L		102	79 - 126	8	30
1,2-Dichlorobenzene	0.21	U	20.0	21.6		ug/L		108	80 - 120	3	30
1,2-Dichloroethane	0.087	U	20.0	19.1		ug/L		95	66 - 129	6	30
1,2-Dichloropropane	0.074	U	20.0	19.3		ug/L		97	72 - 128	1	30
1,3-Dichlorobenzene	0.34	U	20.0	20.2		ug/L		101	80 - 120	0	30
1,4-Dichlorobenzene	0.33	U	20.0	20.9		ug/L		104	80 - 120	6	30
2-Butanone	1.9	U	100	99.2		ug/L		99	65 - 142	1	30
2-Hexanone	1.1	U	100	104		ug/L		104	72 - 134	1	30
4-Methyl-2-pentanone	1.3	U	100	113		ug/L		113	77 - 130	3	30
Acetone	4.4	U	100	85.7		ug/L		86	60 - 133	14	30
Benzene	5.4		20.0	24.1		ug/L		94	71 - 126	10	30
Bromodichloromethane	0.15	U	20.0	19.6		ug/L		98	76 - 121	7	30
Bromoform	0.54	U	20.0	18.4		ug/L		92	58 - 128	7	30
Bromomethane	0.55	U	20.0	19.5		ug/L		98	33 - 150	2	30
Carbon disulfide	0.82	U	20.0	16.7		ug/L		84	35 - 150	1	30
Carbon tetrachloride	0.21	U	20.0	18.5		ug/L		92	65 - 131	3	30
Chlorobenzene	0.38	U	20.0	20.8		ug/L		104	80 - 120	7	30
Chloroethane	0.32	U	20.0	20.5		ug/L		102	54 - 150	2	30
Chloroform	0.35	J	20.0	21.4		ug/L		105	78 - 125	4	30
Chloromethane	0.40	U	20.0	18.8		ug/L		94	43 - 149	0	30
cis-1,2-Dichloroethene	4.0		20.0	23.8		ug/L		99	78 - 121	5	30
cis-1,3-Dichloropropene	0.069	U	20.0	19.0		ug/L		95	74 - 125	7	30
Cyclohexane	15		20.0	29.0		ug/L		72	64 - 142	1	30
Dibromochloromethane	0.086	U	20.0	19.0		ug/L		95	73 - 121	6	30
Dichlorodifluoromethane	0.31	U	20.0	16.8		ug/L		84	38 - 144	2	30
Ethylbenzene	0.43	J	20.0	21.6		ug/L		106	78 - 120	2	30
Freon TF	0.31	U	20.0	19.4		ug/L		97	65 - 142	4	30
Isopropylbenzene	16		20.0	37.8		ug/L		110	79 - 125	4	30
Methylcyclohexane	5.1		20.0	24.2		ug/L		96	63 - 138	4	30
Methylene Chloride	0.32	U	20.0	21.1		ug/L		106	74 - 127	2	30
MTBE	0.73	J	20.0	21.2		ug/L		102	72 - 131	3	30
Styrene	0.42	U	20.0	21.4		ug/L		107	82 - 127	5	30
Tetrachloroethene	0.28	U	20.0	19.1		ug/L		96	70 - 127	6	30
Toluene	0.38	U	20.0	20.8		ug/L		104	78 - 120	7	30
trans-1,2-Dichloroethene	1.4		20.0	20.7		ug/L		96	70 - 126	1	30
trans-1,3-Dichloropropene	0.12	U	20.0	19.4		ug/L		97	71 - 127	12	30
Trichloroethene	71		20.0	82.2	*	ug/L		58	73 - 121	6	30
Trichlorofluoromethane	0.32	U	20.0	20.4		ug/L		102	62 - 134	6	30
Vinyl chloride	0.38	J	20.0	19.9		ug/L		98	55 - 144	1	30
Xylenes, Total	0.65	U	40.0	44.1		ug/L		110	80 - 120	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*
Bromofluorobenzene	*104*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 1022545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320734-1	NL-MW-1E_20250218	Total/NA	Water	8260D	
460-320734-2	NL-MW-2E_20250218	Total/NA	Water	8260D	
460-320734-3	NL-MW-3_20250218	Total/NA	Water	8260D	
460-320734-4	NL-MW-DUP_20250218	Total/NA	Water	8260D	
460-320734-5	NL-MW-TB-01_20250218	Total/NA	Water	8260D	
460-320734-6	NL-MW-FB-01_20250218	Total/NA	Water	8260D	
MB 460-1022545/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1022545/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1022545/4	Lab Control Sample Dup	Total/NA	Water	8260D	
460-320734-3 MS	NL-MW-3_20250218	Total/NA	Water	8260D	
460-320734-3 MSD	NL-MW-3_20250218	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-1E_20250218
Lab Sample ID: 460-320734-1
Date Collected: 02/18/25 09:20
Matrix: Water
Date Received: 02/18/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1022545	KLB	EET EDI	02/23/25 08:02

Client Sample ID: NL-MW-2E_20250218
Lab Sample ID: 460-320734-2
Date Collected: 02/18/25 13:00
Matrix: Water
Date Received: 02/18/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1022545	KLB	EET EDI	02/23/25 08:25

Client Sample ID: NL-MW-3_20250218
Lab Sample ID: 460-320734-3
Date Collected: 02/18/25 11:45
Matrix: Water
Date Received: 02/18/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1022545	KLB	EET EDI	02/23/25 08:47

Client Sample ID: NL-MW-DUP_20250218
Lab Sample ID: 460-320734-4
Date Collected: 02/18/25 12:00
Matrix: Water
Date Received: 02/18/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1022545	KLB	EET EDI	02/23/25 09:10

Client Sample ID: NL-MW-TB-01_20250218
Lab Sample ID: 460-320734-5
Date Collected: 02/18/25 14:00
Matrix: Water
Date Received: 02/18/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1022545	KLB	EET EDI	02/23/25 09:33

Client Sample ID: NL-MW-FB-01_20250218
Lab Sample ID: 460-320734-6
Date Collected: 02/18/25 14:05
Matrix: Water
Date Received: 02/18/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1022545	KLB	EET EDI	02/23/25 09:55

Laboratory References:

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-320734-1
Project/Site: 3200 Jerome Ave, Bronx

Laboratory: Eurofins Edison

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

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00178	02/28/25	01/31/25	MeOH, Lot EI863-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00031	03/21/25	02/21/25	MeOH, Lot EI863-US	10 mL	7 Freons_00008	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00008	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00024	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	7 Freons_00007	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00007	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00189	02/28/25	01/30/25	MeOH, Lot EI836-US	10 mL	KetonesC SS_00017	200 uL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00022	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00017	04/30/27		RESTEK, Lot A0209876		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00210	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00201	03/20/25	02/20/25	MeOH, Lot EI863-US	50 mL	2-CEVEC_00032	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00026	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00031	1 mL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00032	06/30/27		RESTEK, Lot A0213181		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00102	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00201	03/20/25	02/20/25	MeOH, Lot EI863-US	50 mL	Mega Mix_00043	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260SURR250_00253	04/12/25	02/12/25	MeOH, Lot EI863-US	50 mL	8260 SURR C_00068	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00068	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
ACROLEIN W_00180	03/14/25	02/14/25	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00134	02/28/25	01/31/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00038							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	100 uL	BFB	25 ug/mL
							Bromofluorobenzene	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		BFB	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
Ethanol mix_00098	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00025	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00025	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00611	02/28/25	02/21/25	MeOH, Lot EI863-US	10 mL	GASES SS_00028	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00028	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00489	02/26/25	02/12/25	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00628	02/28/25	02/21/25	MeOH, Lot EI863-US	50 mL	GASES C_00041	1 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00158	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	2-CEVEC_00032	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00024	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00032	06/30/27		RESTEK, Lot A0213181		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00024	03/31/26		RESTEK, Lot A0216327		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00185	02/28/25	01/30/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00030	1 mL	2-Butanone	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dibromoethane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Freon TF	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							MTBE	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00102	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25	FLUKA, Lot SHBD0368V			(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00030	04/30/27	RESTEK, Lot A0210935			(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00102	09/30/25	RESTEK, Lot A0209567			(Purchased Reagent)		Vinyl acetate	5000 ug/mL

Reagent

14DIOXNEAT_00004

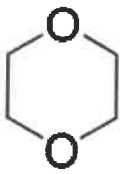
Supelco

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Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

2-CEVEC_00032

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2577

1/3/25 MS #12275362

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0213181

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCV7865	99%	2,508.8 µg/mL	+/- 31.2225

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00007

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000 MS 11/12/24
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2561

#12162831

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By:	Eli Aliaga	040723 DATE
Reviewed By:	Pedro L. Rentas	040723 DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

7 Freons_00008

Absolute Standards, Inc.
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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Methanol	EF282-USQ5

R2563
MS 12/10/24 #12227931

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00068

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110 Benner Circle
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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2586

MS 1/22/25

12305105

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00210

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Certificate #3222.02

Certificate of Analysis

chromatographic plus

R2592

MS 2/7/25 #12340821

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Pag 610

Reagent

ACROLEIN_00025

R2511

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 2 of 6

Reagent

Acrylonitrile_00010

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Certified Reference Material CRM

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

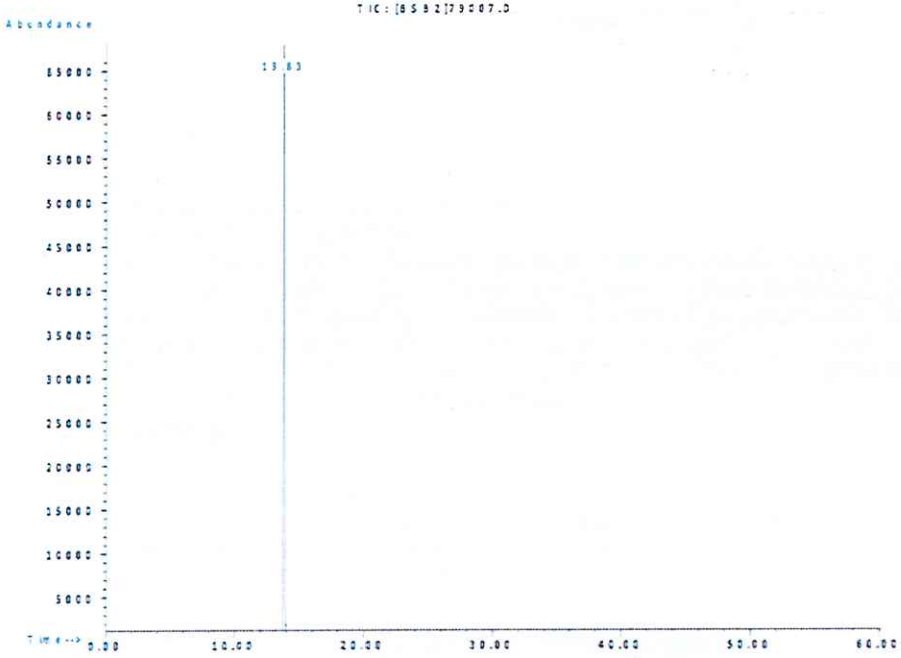
Eli Aliaga	061523
Formulated By: Eli Aliaga	DATE
Pedro Rentas	061523
Reviewed By: Pedro L. Rentas	DATE

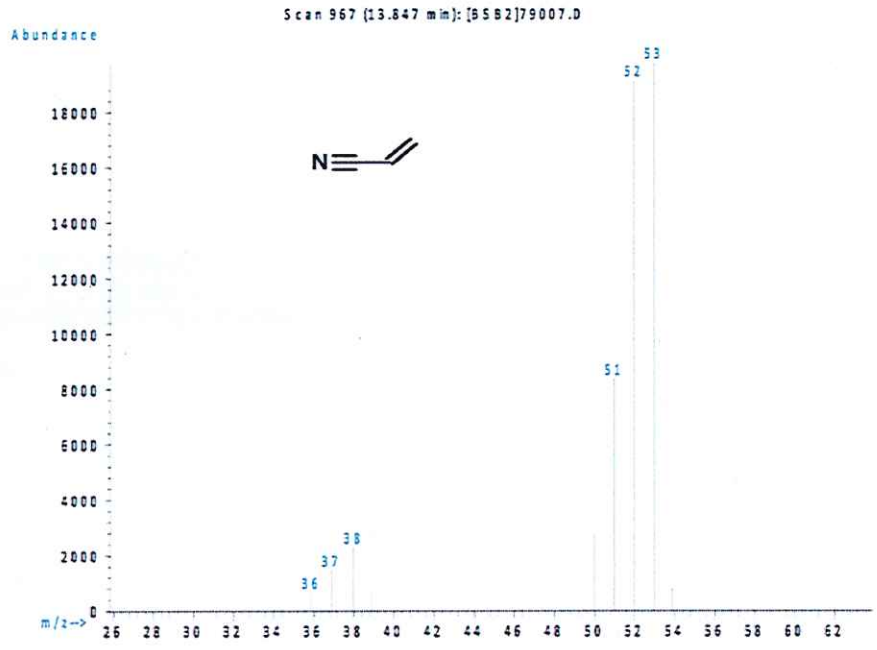
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

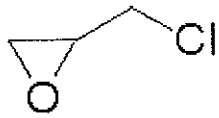
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Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00025

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2548

MS 9/14/24 # L0238666

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

ETHANOL(new)_00026

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Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2582

MS 1/15/25 #12292276

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan		010825
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		010825
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00041

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R2527

MS 6/6/24 # 11794792

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00028

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R2560

MS 11/1/24 #12143985

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9557
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00017

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Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 8/20/24 R2539 #11963401

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00030

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MS 10/15/24 R2557 #12100077

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00031

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MS 2/6/25 R2590 #12337663

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00024

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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1/8125 MS R2580 #12280646

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0216327

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBR6536	99%	25,028.0 µg/mL	+/- 409.2558
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	SYN240402ECS	99%	2,515.0 µg/mL	+/- 41.1371
3	Methacrylonitrile	126-98-7	1012014	99%	25,025.0 µg/mL	+/- 409.2067
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,512.0 µg/mL	+/- 41.0880
5	1-Butanol	71-36-3	101601K21K	99%	62,571.0 µg/mL	+/- 1,023.1558
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,019.8 µg/mL	+/- 82.1065
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.0 µg/mL	+/- 41.0390
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,507.8 µg/mL	+/- 41.0197
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,509.0 µg/mL	+/- 41.0390
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,510.0 µg/mL	+/- 41.0553

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00027

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Certificate of Analysis

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R2579

1/3125 MS

#122753641

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00022

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Certificate of Analysis

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R2538

MS 8/20/24 # 11963397

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC 1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 * 230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC 3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC 13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC 556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC 11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC 00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC 101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC 9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC 10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC 050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC 1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC 7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC 13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC 7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC 13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC 28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

MS 1/3/25 R 2576 #12275361

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3/25 MS R2578 #12275363

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2558

MS 10/15/24 #12100078

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

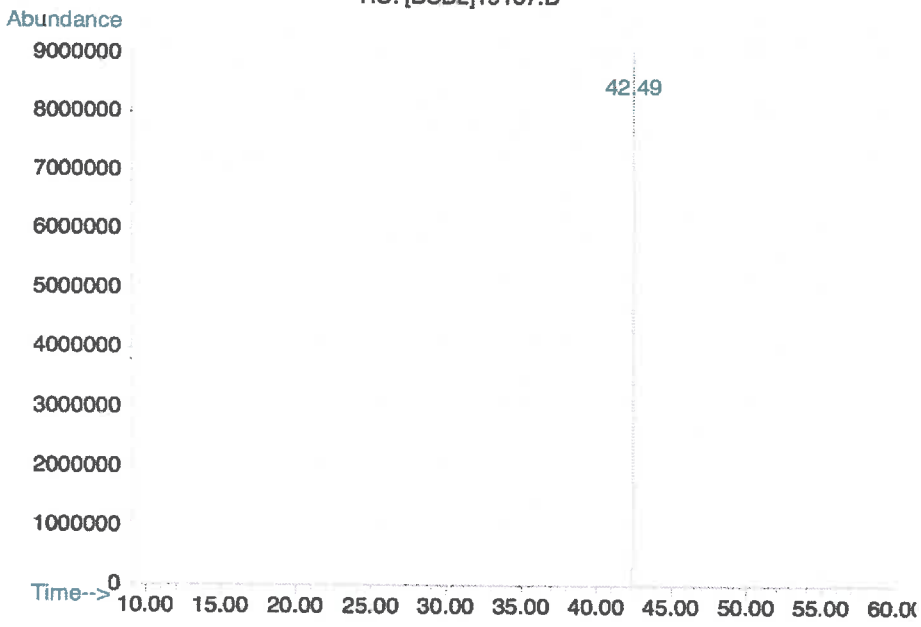
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

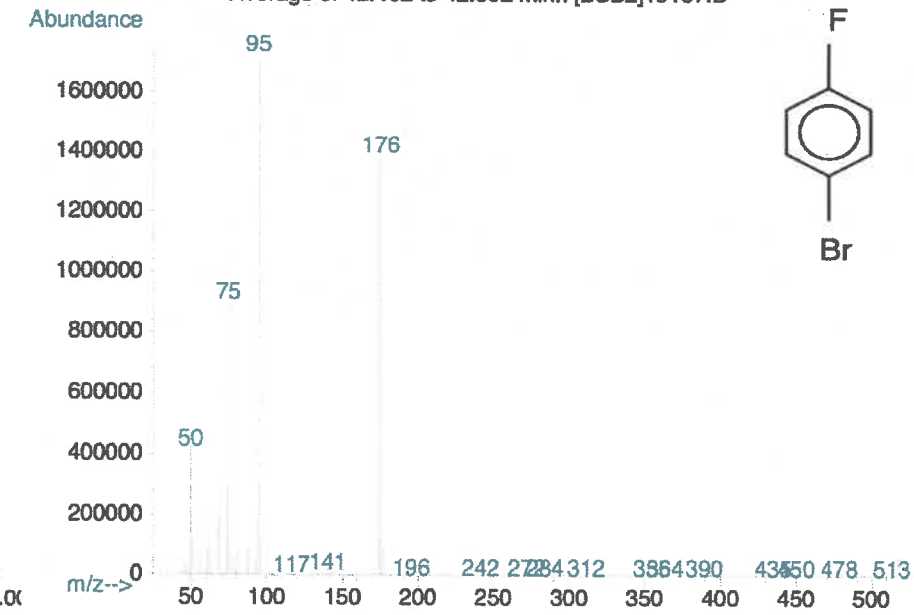
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	ori-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
NL-MW-1E_20250218	460-320734-1	102	102	105	104
NL-MW-2E_20250218	460-320734-2	106	106	104	103
NL-MW-3_20250218	460-320734-3	102	102	108	102
NL-MW-DUP_20250218	460-320734-4	98	104	108	105
NL-MW-TB-01_20250218	460-320734-5	104	102	101	101
NL-MW-FB-01_20250218	460-320734-6	107	103	108	105
	MB 460-1022545/9	109	107	105	105
	LCS 460-1022545/3	103	100	101	103
	LCSD 460-1022545/4	103	103	98	99
NL-MW-3_20250218 MS	460-320734-3 MS	100	96	101	100
NL-MW-3_20250218 MSD	460-320734-3 MSD	103	104	107	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13314.D

Lab ID: LCS 460-1022545/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.6	103	72-128	
1,1,2,2-Tetrachloroethane	20.0	19.7	99	63-139	
1,1,2-Trichloroethane	20.0	19.8	99	74-125	
1,1-Dichloroethane	20.0	21.0	105	73-130	
1,1-Dichloroethene	20.0	19.5	98	68-133	
1,2,4-Trichlorobenzene	20.0	22.4	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	19.7	98	58-132	
1,2-Dibromoethane	20.0	19.2	96	79-126	
1,2-Dichlorobenzene	20.0	20.6	103	80-120	
1,2-Dichloroethane	20.0	18.9	95	66-129	
1,2-Dichloropropane	20.0	19.7	98	72-128	
1,3-Dichlorobenzene	20.0	19.7	99	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	80-120	
2-Butanone	100	101	101	65-142	
2-Hexanone	100	101	101	72-134	
4-Methyl-2-pentanone	100	107	107	77-130	
Acetone	100	92.5	93	60-133	
Benzene	20.0	19.6	98	71-126	
Bromodichloromethane	20.0	19.7	98	76-121	
Bromoform	20.0	19.2	96	58-128	
Bromomethane	20.0	20.1	101	33-150	
Carbon disulfide	20.0	20.4	102	35-150	
Carbon tetrachloride	20.0	20.3	101	65-131	
Chlorobenzene	20.0	19.3	96	80-120	
Chloroethane	20.0	21.4	107	54-150	
Chloroform	20.0	20.4	102	78-125	
Chloromethane	20.0	18.9	95	43-149	
cis-1,2-Dichloroethene	20.0	19.8	99	78-121	
cis-1,3-Dichloropropene	20.0	19.1	95	74-125	
Cyclohexane	20.0	21.0	105	64-142	
Dibromochloromethane	20.0	19.4	97	73-121	
Dichlorodifluoromethane	20.0	17.9	90	38-144	
Ethylbenzene	20.0	20.3	101	78-120	
Freon TF	20.0	19.9	99	65-142	
Isopropylbenzene	20.0	21.6	108	79-125	
Methylcyclohexane	20.0	20.2	101	63-138	
Methylene Chloride	20.0	20.3	101	74-127	
MTBE	20.0	20.0	100	72-131	
Styrene	20.0	20.9	104	82-127	
Tetrachloroethene	20.0	18.8	94	70-127	
Toluene	20.0	19.3	96	78-120	
trans-1,2-Dichloroethene	20.0	19.7	99	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13314.D

Lab ID: LCS 460-1022545/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	19.7	98	71-127	
Trichloroethene	20.0	18.4	92	73-121	
Trichlorofluoromethane	20.0	20.3	102	62-134	
Vinyl chloride	20.0	19.6	98	55-144	
Xylenes, Total	40.0	41.5	104	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13315.D

Lab ID: LCSD 460-1022545/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.1	106	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.1	111	12	30	63-139	
1,1,2-Trichloroethane	20.0	20.5	102	3	30	74-125	
1,1-Dichloroethane	20.0	21.8	109	3	30	73-130	
1,1-Dichloroethene	20.0	21.8	109	11	30	68-133	
1,2,4-Trichlorobenzene	20.0	22.9	115	2	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	4	30	58-132	
1,2-Dibromoethane	20.0	21.2	106	10	30	79-126	
1,2-Dichlorobenzene	20.0	22.0	110	6	30	80-120	
1,2-Dichloroethane	20.0	20.5	103	8	30	66-129	
1,2-Dichloropropane	20.0	21.0	105	7	30	72-128	
1,3-Dichlorobenzene	20.0	21.2	106	7	30	80-120	
1,4-Dichlorobenzene	20.0	21.0	105	7	30	80-120	
2-Butanone	100	105	105	4	30	65-142	
2-Hexanone	100	107	107	5	30	72-134	
4-Methyl-2-pentanone	100	107	107	0	30	77-130	
Acetone	100	102	102	9	30	60-133	
Benzene	20.0	19.8	99	1	30	71-126	
Bromodichloromethane	20.0	21.3	106	8	30	76-121	
Bromoform	20.0	20.4	102	6	30	58-128	
Bromomethane	20.0	20.3	101	1	30	33-150	
Carbon disulfide	20.0	20.8	104	2	30	35-150	
Carbon tetrachloride	20.0	20.6	103	1	30	65-131	
Chlorobenzene	20.0	21.2	106	9	30	80-120	
Chloroethane	20.0	21.0	105	2	30	54-150	
Chloroform	20.0	21.7	108	6	30	78-125	
Chloromethane	20.0	19.0	95	0	30	43-149	
cis-1,2-Dichloroethene	20.0	21.2	106	7	30	78-121	
cis-1,3-Dichloropropene	20.0	21.0	105	9	30	74-125	
Cyclohexane	20.0	20.8	104	1	30	64-142	
Dibromochloromethane	20.0	20.8	104	7	30	73-121	
Dichlorodifluoromethane	20.0	17.9	90	0	30	38-144	
Ethylbenzene	20.0	20.8	104	3	30	78-120	
Freon TF	20.0	21.8	109	9	30	65-142	
Isopropylbenzene	20.0	21.9	109	1	30	79-125	
Methylcyclohexane	20.0	21.0	105	4	30	63-138	
Methylene Chloride	20.0	21.2	106	5	30	74-127	
MTBE	20.0	21.2	106	6	30	72-131	
Styrene	20.0	21.2	106	2	30	82-127	
Tetrachloroethene	20.0	19.3	97	3	30	70-127	
Toluene	20.0	20.6	103	7	30	78-120	
trans-1,2-Dichloroethene	20.0	21.2	106	7	30	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13315.D

Lab ID: LCSD 460-1022545/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	21.5	107	9	30	71-127	
Trichloroethene	20.0	20.1	101	9	30	73-121	
Trichlorofluoromethane	20.0	20.2	101	0	30	62-134	
Vinyl chloride	20.0	19.8	99	1	30	55-144	
Xylenes, Total	40.0	41.9	105	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13340.D

Lab ID: 460-320734-3 MS Client ID: NL-MW-3_20250218 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	20.0	100	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.085 U	21.1	106	63-139	
1,1,2-Trichloroethane	20.0	0.19 U	19.2	96	74-125	
1,1-Dichloroethane	20.0	0.26 U	19.9	99	73-130	
1,1-Dichloroethene	20.0	0.26 U	19.3	97	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	22.0	110	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	18.6	93	58-132	
1,2-Dibromoethane	20.0	0.50 U	19.0	95	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	20.9	105	80-120	
1,2-Dichloroethane	20.0	0.087 U	18.0	90	66-129	
1,2-Dichloropropane	20.0	0.074 U	19.1	95	72-128	
1,3-Dichlorobenzene	20.0	0.34 U	20.1	101	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	19.7	99	80-120	
2-Butanone	100	1.9 U	98.4	98	65-142	
2-Hexanone	100	1.1 U	103	103	72-134	
4-Methyl-2-pentanone	100	1.3 U	116	116	77-130	
Acetone	100	4.4 U	98.4	98	60-133	
Benzene	20.0	5.4	21.7	82	71-126	
Bromodichloromethane	20.0	0.15 U	18.2	91	76-121	
Bromoform	20.0	0.54 U	17.2	86	58-128	
Bromomethane	20.0	0.55 U	19.9	99	33-150	
Carbon disulfide	20.0	0.82 U	16.8	84	35-150	
Carbon tetrachloride	20.0	0.21 U	17.8	89	65-131	
Chlorobenzene	20.0	0.38 U	19.4	97	80-120	
Chloroethane	20.0	0.32 U	20.8	104	54-150	
Chloroform	20.0	0.35 J	20.5	101	78-125	
Chloromethane	20.0	0.40 U	18.8	94	43-149	
cis-1,2-Dichloroethene	20.0	4.0	22.6	93	78-121	
cis-1,3-Dichloropropene	20.0	0.069 U	17.8	89	74-125	
Cyclohexane	20.0	15	28.6	70	64-142	
Dibromochloromethane	20.0	0.086 U	17.9	90	73-121	
Dichlorodifluoromethane	20.0	0.31 U	17.2	86	38-144	
Ethylbenzene	20.0	0.43 J	21.1	103	78-120	
Freon TF	20.0	0.31 U	18.5	93	65-142	
Isopropylbenzene	20.0	16	36.4	103	79-125	
Methylcyclohexane	20.0	5.1	23.4	91	63-138	
Methylene Chloride	20.0	0.32 U	21.6	108	74-127	
MTBE	20.0	0.73 J	21.8	106	72-131	
Styrene	20.0	0.42 U	20.3	101	82-127	
Tetrachloroethene	20.0	0.28 U	18.0	90	70-127	
Toluene	20.0	0.38 U	19.4	97	78-120	
trans-1,2-Dichloroethene	20.0	1.4	20.4	95	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13340.D

Lab ID: 460-320734-3 MS Client ID: NL-MW-3_20250218 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	0.12 U	17.2	86	71-127	
Trichloroethene	20.0	71	77.5	34	73-121	*
Trichlorofluoromethane	20.0	0.32 U	19.3	96	62-134	
Vinyl chloride	20.0	0.38 J	20.0	98	55-144	
Xylenes, Total	40.0	0.65 U	41.3	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13341.D

Lab ID: 460-320734-3 MSD Client ID: NL-MW-3_20250218 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.0	100	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.5	113	6	30	63-139	
1,1,2-Trichloroethane	20.0	20.9	104	8	30	74-125	
1,1-Dichloroethane	20.0	20.6	103	3	30	73-130	
1,1-Dichloroethene	20.0	18.9	95	2	30	68-133	
1,2,4-Trichlorobenzene	20.0	23.7	118	7	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	22.0	110	17	30	58-132	
1,2-Dibromoethane	20.0	20.5	102	8	30	79-126	
1,2-Dichlorobenzene	20.0	21.6	108	3	30	80-120	
1,2-Dichloroethane	20.0	19.1	95	6	30	66-129	
1,2-Dichloropropane	20.0	19.3	97	1	30	72-128	
1,3-Dichlorobenzene	20.0	20.2	101	0	30	80-120	
1,4-Dichlorobenzene	20.0	20.9	104	6	30	80-120	
2-Butanone	100	99.2	99	1	30	65-142	
2-Hexanone	100	104	104	1	30	72-134	
4-Methyl-2-pentanone	100	113	113	3	30	77-130	
Acetone	100	85.7	86	14	30	60-133	
Benzene	20.0	24.1	94	10	30	71-126	
Bromodichloromethane	20.0	19.6	98	7	30	76-121	
Bromoform	20.0	18.4	92	7	30	58-128	
Bromomethane	20.0	19.5	98	2	30	33-150	
Carbon disulfide	20.0	16.7	84	1	30	35-150	
Carbon tetrachloride	20.0	18.5	92	3	30	65-131	
Chlorobenzene	20.0	20.8	104	7	30	80-120	
Chloroethane	20.0	20.5	102	2	30	54-150	
Chloroform	20.0	21.4	105	4	30	78-125	
Chloromethane	20.0	18.8	94	0	30	43-149	
cis-1,2-Dichloroethene	20.0	23.8	99	5	30	78-121	
cis-1,3-Dichloropropene	20.0	19.0	95	7	30	74-125	
Cyclohexane	20.0	29.0	72	1	30	64-142	
Dibromochloromethane	20.0	19.0	95	6	30	73-121	
Dichlorodifluoromethane	20.0	16.8	84	2	30	38-144	
Ethylbenzene	20.0	21.6	106	2	30	78-120	
Freon TF	20.0	19.4	97	4	30	65-142	
Isopropylbenzene	20.0	37.8	110	4	30	79-125	
Methylcyclohexane	20.0	24.2	96	4	30	63-138	
Methylene Chloride	20.0	21.1	106	2	30	74-127	
MTBE	20.0	21.2	102	3	30	72-131	
Styrene	20.0	21.4	107	5	30	82-127	
Tetrachloroethene	20.0	19.1	96	6	30	70-127	
Toluene	20.0	20.8	104	7	30	78-120	
trans-1,2-Dichloroethene	20.0	20.7	96	1	30	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J13341.D

Lab ID: 460-320734-3 MSD Client ID: NL-MW-3_20250218 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	19.4	97	12	30	71-127	
Trichloroethene	20.0	82.2	58	6	30	73-121	*
Trichlorofluoromethane	20.0	20.4	102	6	30	62-134	
Vinyl chloride	20.0	19.9	98	1	30	55-144	
Xylenes, Total	40.0	44.1	110	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab File ID: J13320.D Lab Sample ID: MB 460-1022545/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 02/23/2025 06:54

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1022545/3	J13314.D	02/23/2025 04:23
	LCSD 460-1022545/4	J13315.D	02/23/2025 04:46
NL-MW-1E_20250218	460-320734-1	J13323.D	02/23/2025 08:02
NL-MW-2E_20250218	460-320734-2	J13324.D	02/23/2025 08:25
NL-MW-3_20250218	460-320734-3	J13325.D	02/23/2025 08:47
NL-MW-DUP_20250218	460-320734-4	J13326.D	02/23/2025 09:10
NL-MW-TB-01_20250218	460-320734-5	J13327.D	02/23/2025 09:33
NL-MW-FB-01_20250218	460-320734-6	J13328.D	02/23/2025 09:55
NL-MW-3_20250218 MS	460-320734-3 MS	J13340.D	02/23/2025 14:29
NL-MW-3_20250218 MSD	460-320734-3 MSD	J13341.D	02/23/2025 14:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab File ID: J13295.D BFB Injection Date: 02/22/2025

Instrument ID: CVOAMS8 BFB Injection Time: 16:46

Analysis Batch No.: 1022525

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (128.8) 1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0) 1
174	50 - 200% of m/z 95	77.7
175	5 - 9% of m/z 174	5.9 (7.7) 1
176	95 -105% of m/z 174	77.9 (100.3) 1
177	5 - 10% of m/z 176	6.3 (8.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-1022525/3	J13297.D	02/22/2025	17:24
	STD7 460-1022525/4	J13298.D	02/22/2025	17:47
	STD1 460-1022525/5	J13299.D	02/22/2025	18:10
	STD5 460-1022525/6	J13300.D	02/22/2025	18:33
	STD20 460-1022525/7	J13301.D	02/22/2025	18:56
	STD50 460-1022525/8	J13302.D	02/22/2025	19:19
	STD200 460-1022525/9	J13303.D	02/22/2025	19:42
	STD500 460-1022525/10	J13304.D	02/22/2025	20:05
	ICV 460-1022525/17	J13311.D	02/22/2025	22:45

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Sample No.: STD20 460-1022525/7 Date Analyzed: 02/22/2025 18:56

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J13301.D Heated Purge: (Y/N) N

Calibration ID: 100249

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		157251	2.28	211324	3.16	485014	4.16
UPPER LIMIT		314502	2.78	422648	3.66	970028	4.66
LOWER LIMIT		78626	1.78	105662	2.66	242507	3.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1022525/17		137235	2.28	163015	3.16	437320	4.16

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Sample No.: STD20 460-1022525/7 Date Analyzed: 02/22/2025 18:56

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J13301.D Heated Purge: (Y/N) N

Calibration ID: 100249

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		15800	4.86	258213	7.80	153385	10.24
UPPER LIMIT		31600	5.36	516426	8.30	306770	10.74
LOWER LIMIT		7900	4.36	129107	7.30	76693	9.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1022525/17		13199	4.85	224693	7.81	143158	10.24

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Sample No.: CCVIS 460-1022545/2 Date Analyzed: 02/23/2025 04:00

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J13313.D Heated Purge: (Y/N) N

Calibration ID: 100249

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		134821	2.28	182690	3.16	457911	4.16
UPPER LIMIT		269642	2.78	365380	3.66	915822	4.66
LOWER LIMIT		67411	1.78	91345	2.66	228956	3.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1022545/3		134388	2.28	170919	3.16	442390	4.16
LCSD 460-1022545/4		142608	2.28	198066	3.16	471202	4.16
MB 460-1022545/9		123508	2.28	159396	3.17	413295	4.16
460-320734-1	NL-MW-1E_20250218	140369	2.28	167368	3.16	437198	4.16
460-320734-2	NL-MW-2E_20250218	130278	2.29	159321	3.16	409359	4.16
460-320734-3	NL-MW-3_20250218	125697	2.28	161387	3.16	434228	4.16
460-320734-4	NL-MW-DUP_20250218	146772	2.28	190239	3.16	474848	4.16
460-320734-5	NL-MW-TB-01_20250218	143194	2.28	166217	3.16	414440	4.16
460-320734-6	NL-MW-FB-01_20250218	131221	2.28	162818	3.16	404855	4.16
460-320734-3 MS	NL-MW-3_20250218 MS	129023	2.28	164360	3.17	416436	4.16
460-320734-3 MSD	NL-MW-3_20250218 MSD	143000	2.29	189501	3.16	441746	4.16

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Sample No.: CCVIS 460-1022545/2 Date Analyzed: 02/23/2025 04:00

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J13313.D Heated Purge: (Y/N) N

Calibration ID: 100249

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		13067	4.87	242172	7.80	153265	10.24
UPPER LIMIT		26134	5.37	484344	8.30	306530	10.74
LOWER LIMIT		6534	4.37	121086	7.30	76633	9.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1022545/3		13294	4.86	231329	7.81	147397	10.24
LCSD 460-1022545/4		15555	4.86	259100	7.80	151574	10.24
MB 460-1022545/9		13227	4.87	199529	7.80	133829	10.25
460-320734-1	NL-MW-1E_20250218	13208	4.86	205890	7.81	134792	10.24
460-320734-2	NL-MW-2E_20250218	12351	4.87	193607	7.80	126377	10.24
460-320734-3	NL-MW-3_20250218	10501	4.86	199462	7.81	126237	10.24
460-320734-4	NL-MW-DUP_20250218	12313	4.87	219881	7.80	142615	10.24
460-320734-5	NL-MW-TB-01_20250218	11954	4.86	193180	7.81	127854	10.24
460-320734-6	NL-MW-FB-01_20250218	12893	4.87	190977	7.80	126427	10.24
460-320734-3 MS	NL-MW-3_20250218 MS	11313	4.87	213503	7.81	131550	10.25
460-320734-3 MSD	NL-MW-3_20250218 MSD	13179	4.87	222605	7.81	133828	10.24

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-1E_20250218 | Lab Sample ID: 460-320734-1

Matrix: Water | Lab File ID: J13323.D

Analysis Method: 8260D | Date Collected: 02/18/2025 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.44	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-1E_20250218 | Lab Sample ID: 460-320734-1

Matrix: Water | Lab File ID: J13323.D

Analysis Method: 8260D | Date Collected: 02/18/2025 09:20

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.73	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	5.3		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D
Lims ID: 460-320734-A-1
Client ID: NL-MW-1E_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 08:02:30 ALS Bottle#: 9 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-2
Misc. Info.: 460-0187187-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:39:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	75	140369	1000.0	
31 Methyl tert-butyl ether	73	2.421	2.411	0.010	97	5174	0.7261	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	86	167368	250.0	
50 Chloroform	83	3.443	3.439	0.004	97	2240	0.4423	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	95	111876	51.2	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.905	3.902	0.003	0	109710	51.1	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	437198	50.0	
65 Trichloroethene	95	4.502	4.498	0.004	95	14053	5.26	
* 70 1,4-Dioxane-d8	96	4.861	4.857	0.004	0	13208	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.846	5.842	0.004	99	258805	52.3	
* 92 Chlorobenzene-d5	117	7.805	7.801	0.004	87	205890	50.0	
$ 103 4-Bromofluorobenzene	174	9.180	9.176	0.004	95	63736	51.9	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	97	134792	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

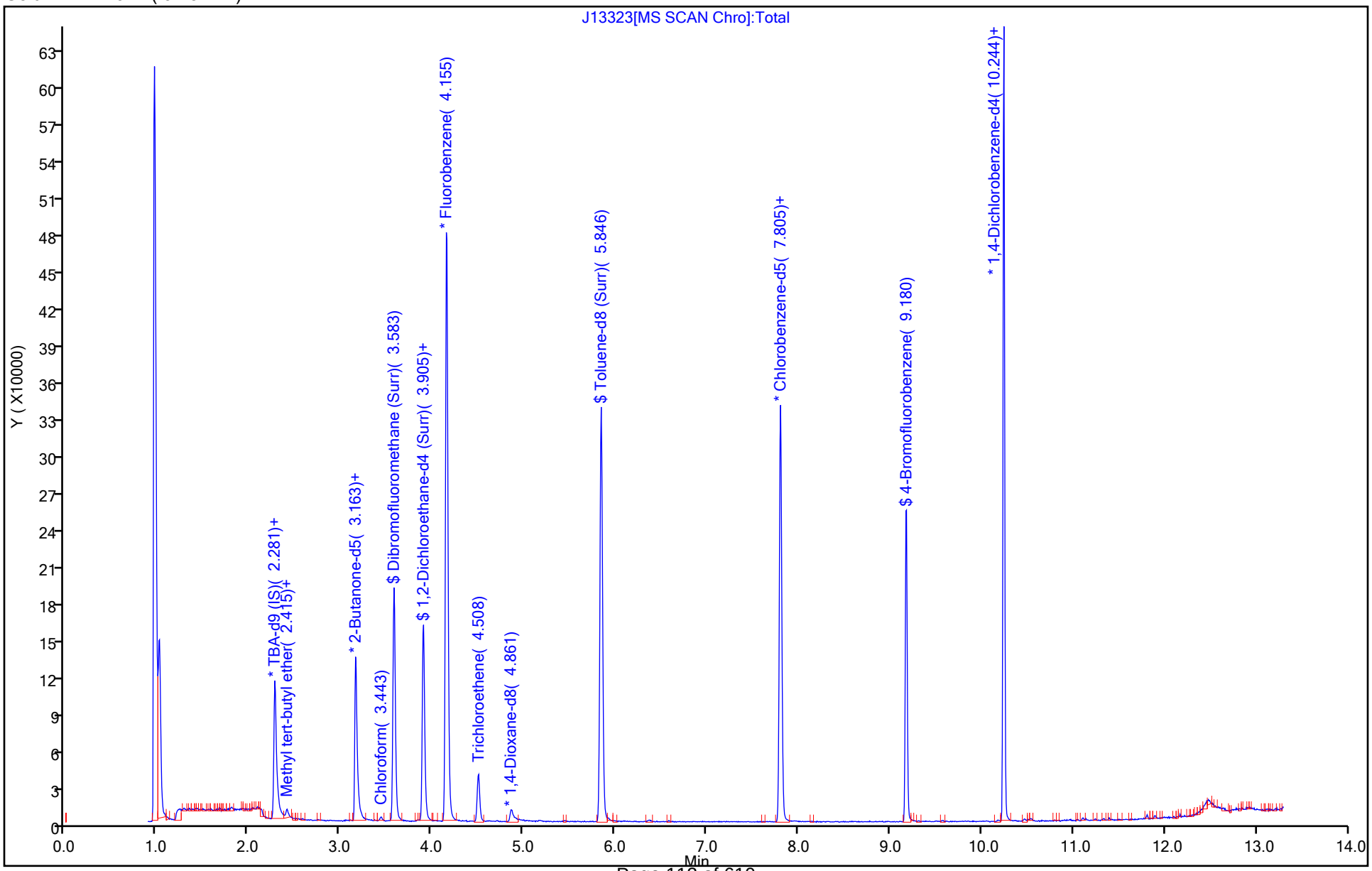
Report Date: 24-Feb-2025 14:02:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D

Injection Date:	23-Feb-2025 08:02:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-320734-A-1	Lab Sample ID:	460-320734-1	Worklist Smp#:	12
Client ID:	NL-MW-1E_20250218				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:02:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D
Lims ID: 460-320734-A-1
Client ID: NL-MW-1E_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 08:02:30 ALS Bottle#: 9 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-2
Misc. Info.: 460-0187187-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:39:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	51.2	102.34
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.18
$ 81 Toluene-d8 (Surr)	50.0	52.3	104.70
$ 103 4-Bromofluorobenzene	50.0	51.9	103.75

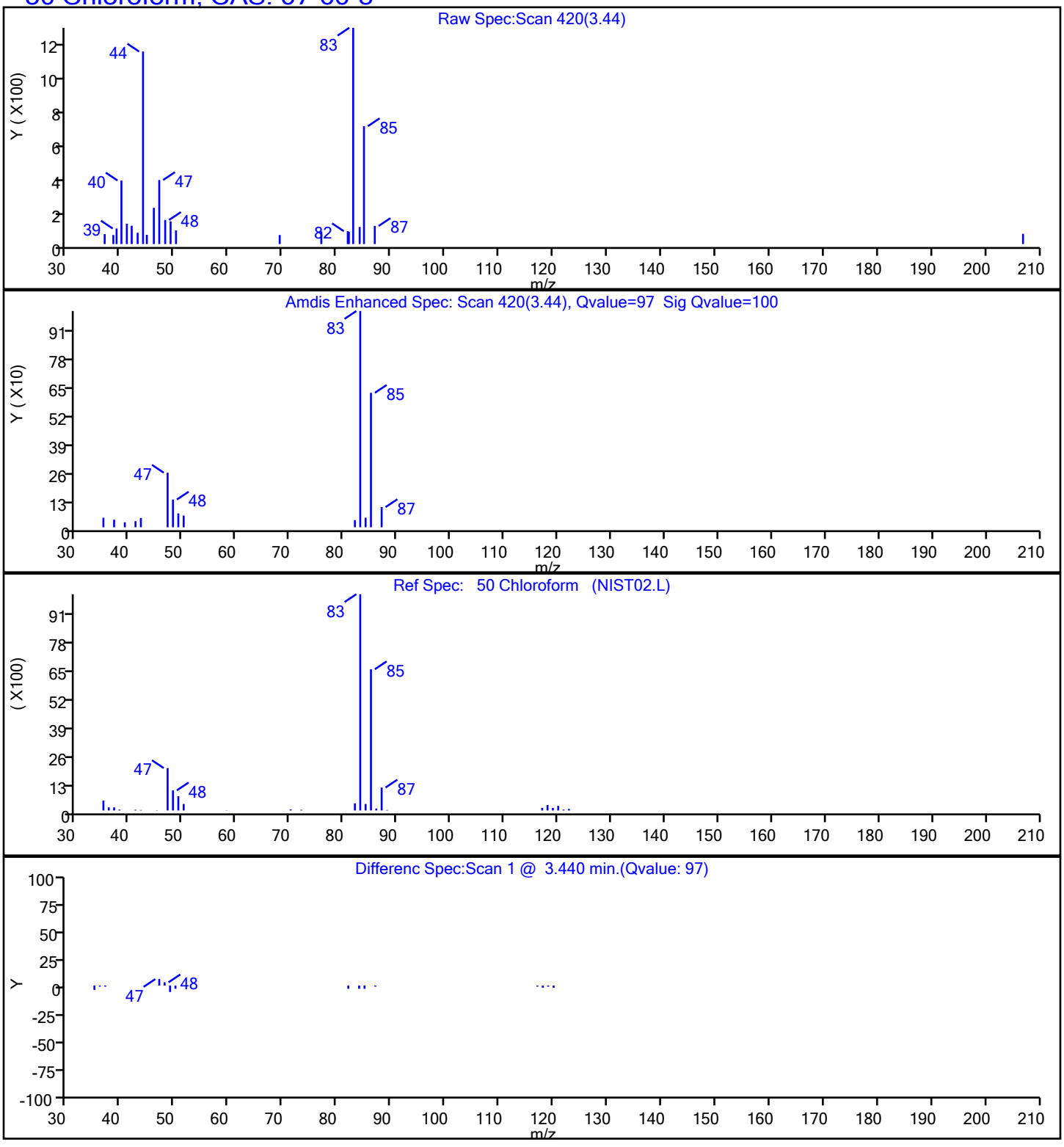
Report Date: 24-Feb-2025 14:02:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D

Injection Date:	23-Feb-2025 08:02:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-1	Lab Sample ID:	460-320734-1		
Client ID:	NL-MW-1E_20250218				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

50 Chloroform, CAS: 67-66-3



Report Date: 24-Feb-2025 14:02:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D

Injection Date: 23-Feb-2025 08:02:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-1 Lab Sample ID: 460-320734-1

Client ID: NL-MW-1E_20250218

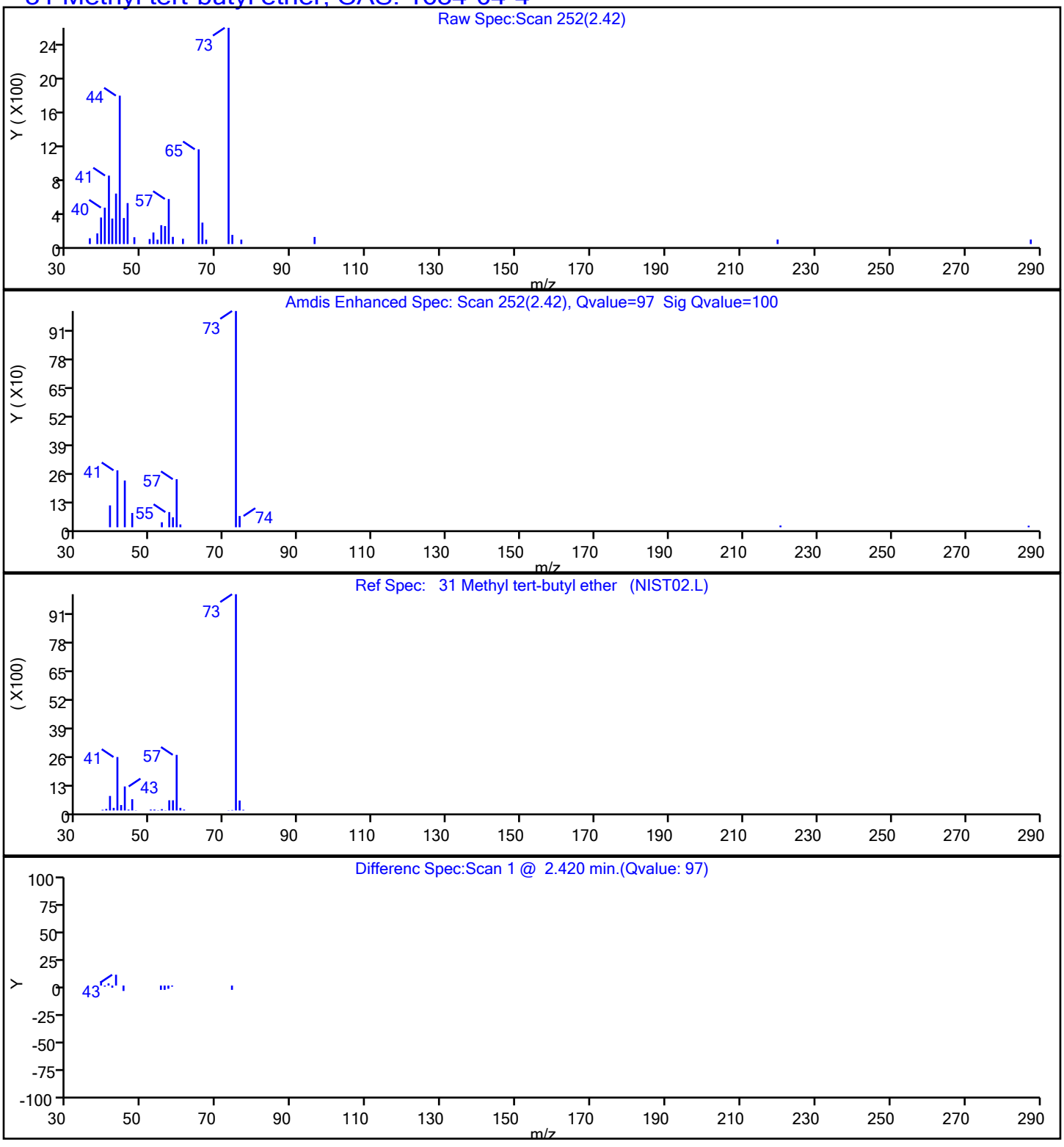
Operator ID: ALS Bottle#: 9 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methyl tert-butyl ether, CAS: 1634-04-4



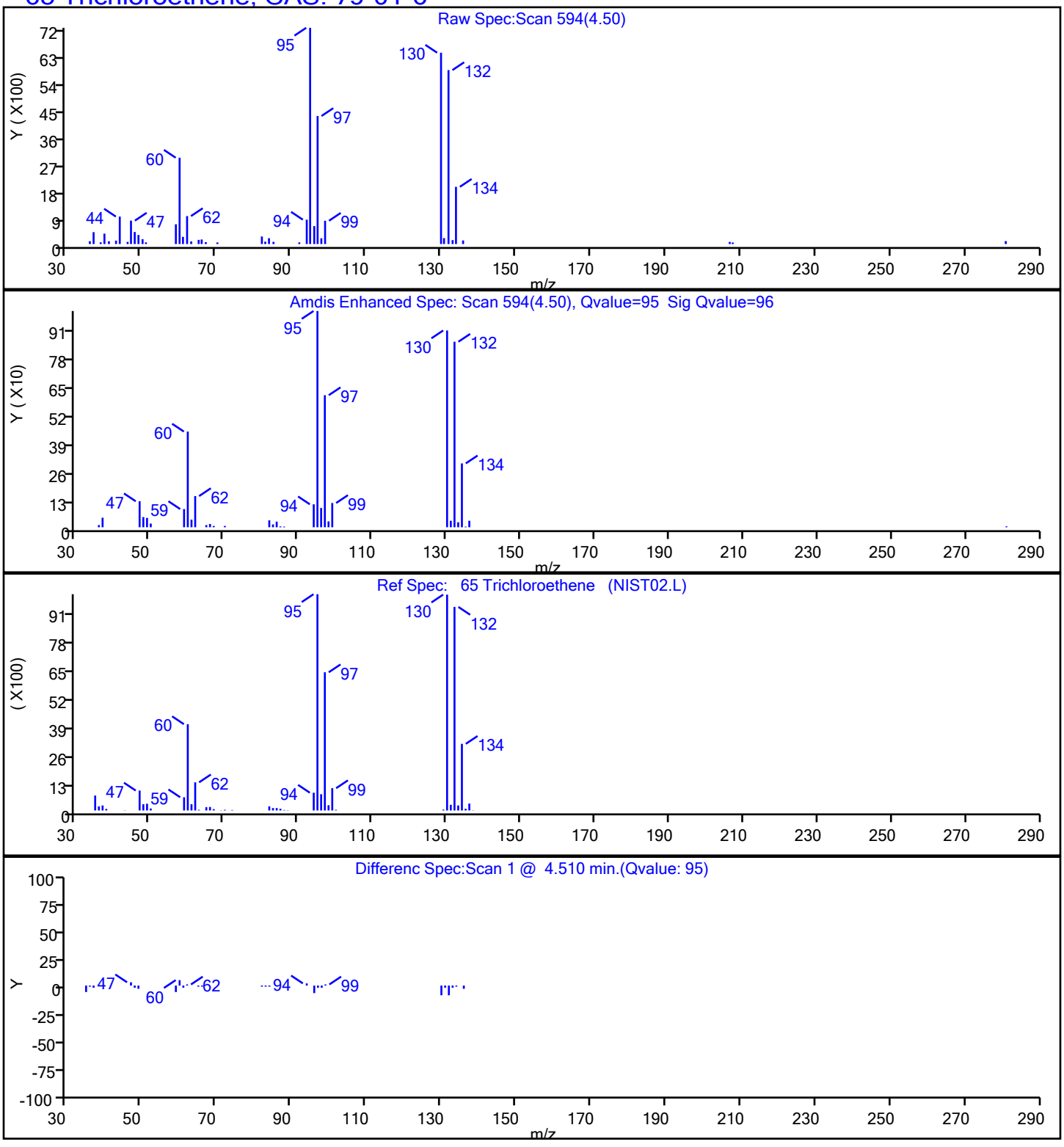
Report Date: 24-Feb-2025 14:02:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D

Injection Date:	23-Feb-2025 08:02:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-1	Lab Sample ID:	460-320734-1		
Client ID:	NL-MW-1E_20250218				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

65 Trichloroethene, CAS: 79-01-6



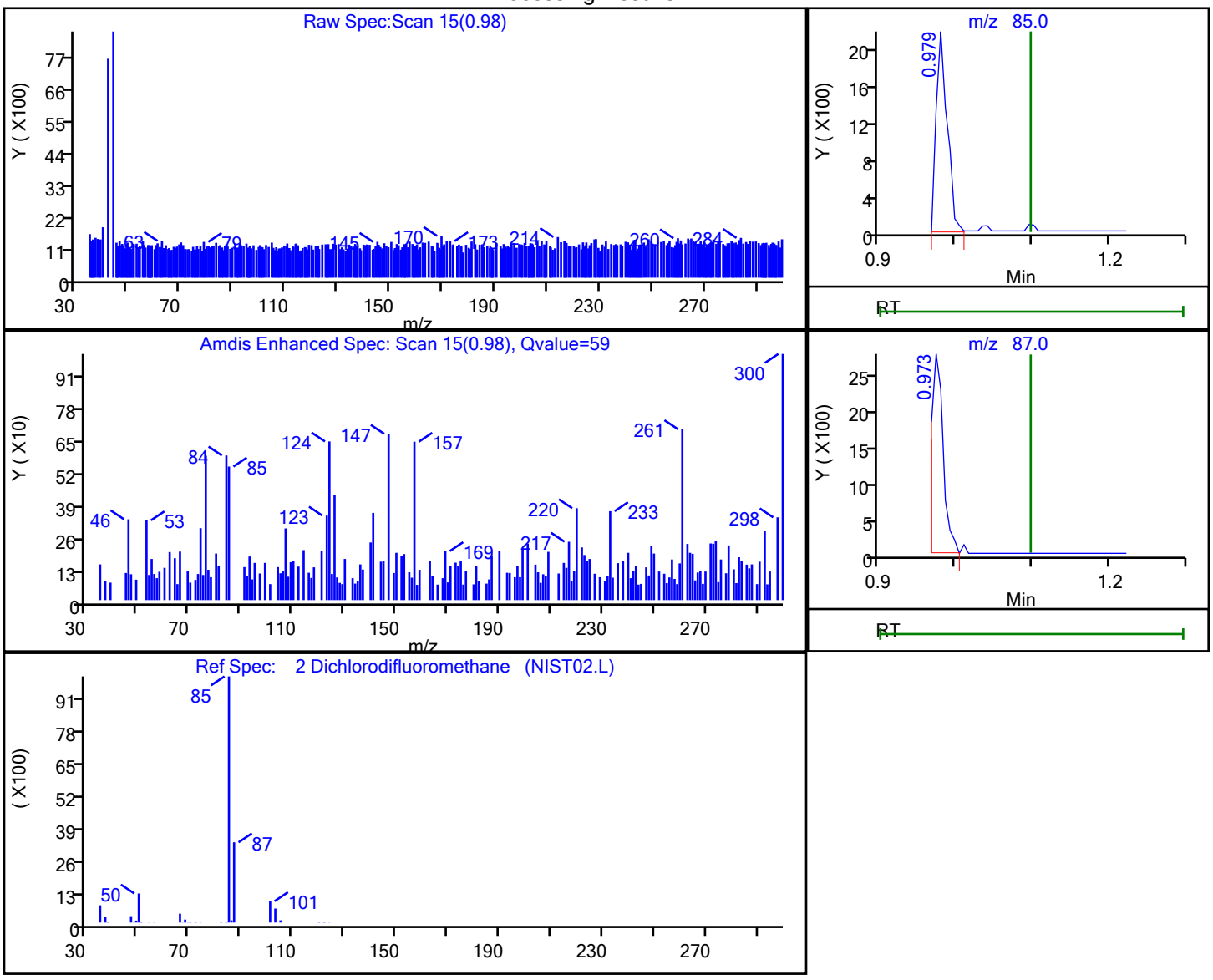
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13323.D				
Injection Date:	23-Feb-2025 08:02:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-1	Lab Sample ID:	460-320734-1		
Client ID:	NL-MW-1E_20250218				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.98	85.00	2158	0.595930
0.97	87.00	2894	

Reviewer: NN6A, 24-Feb-2025 12:39:19 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-2E_20250218 | Lab Sample ID: 460-320734-2

Matrix: Water | Lab File ID: J13324.D

Analysis Method: 8260D | Date Collected: 02/18/2025 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-2E_20250218 | Lab Sample ID: 460-320734-2

Matrix: Water | Lab File ID: J13324.D

Analysis Method: 8260D | Date Collected: 02/18/2025 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	5.5		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13324.D
Lims ID: 460-320734-A-2
Client ID: NL-MW-2E_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 08:25:30 ALS Bottle#: 10 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-3
Misc. Info.: 460-0187187-013
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:40:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.286	2.277	0.009	76	130278	1000.0	
* 40 2-Butanone-d5	46	3.162	3.160	0.002	86	159321	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.579	0.003	95	108479	53.0	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.904	3.902	0.002	0	106094	52.8	
* 64 Fluorobenzene	96	4.160	4.157	0.003	98	409359	50.0	
65 Trichloroethene	95	4.506	4.498	0.008	98	13736	5.49	
* 70 1,4-Dioxane-d8	96	4.865	4.857	0.008	0	12351	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.845	5.842	0.003	98	241791	52.0	
* 92 Chlorobenzene-d5	117	7.804	7.801	0.003	88	193607	50.0	
$ 103 4-Bromofluorobenzene	174	9.178	9.176	0.002	97	59536	51.5	
* 119 1,4-Dichlorobenzene-d4	152	10.243	10.241	0.002	96	126377	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

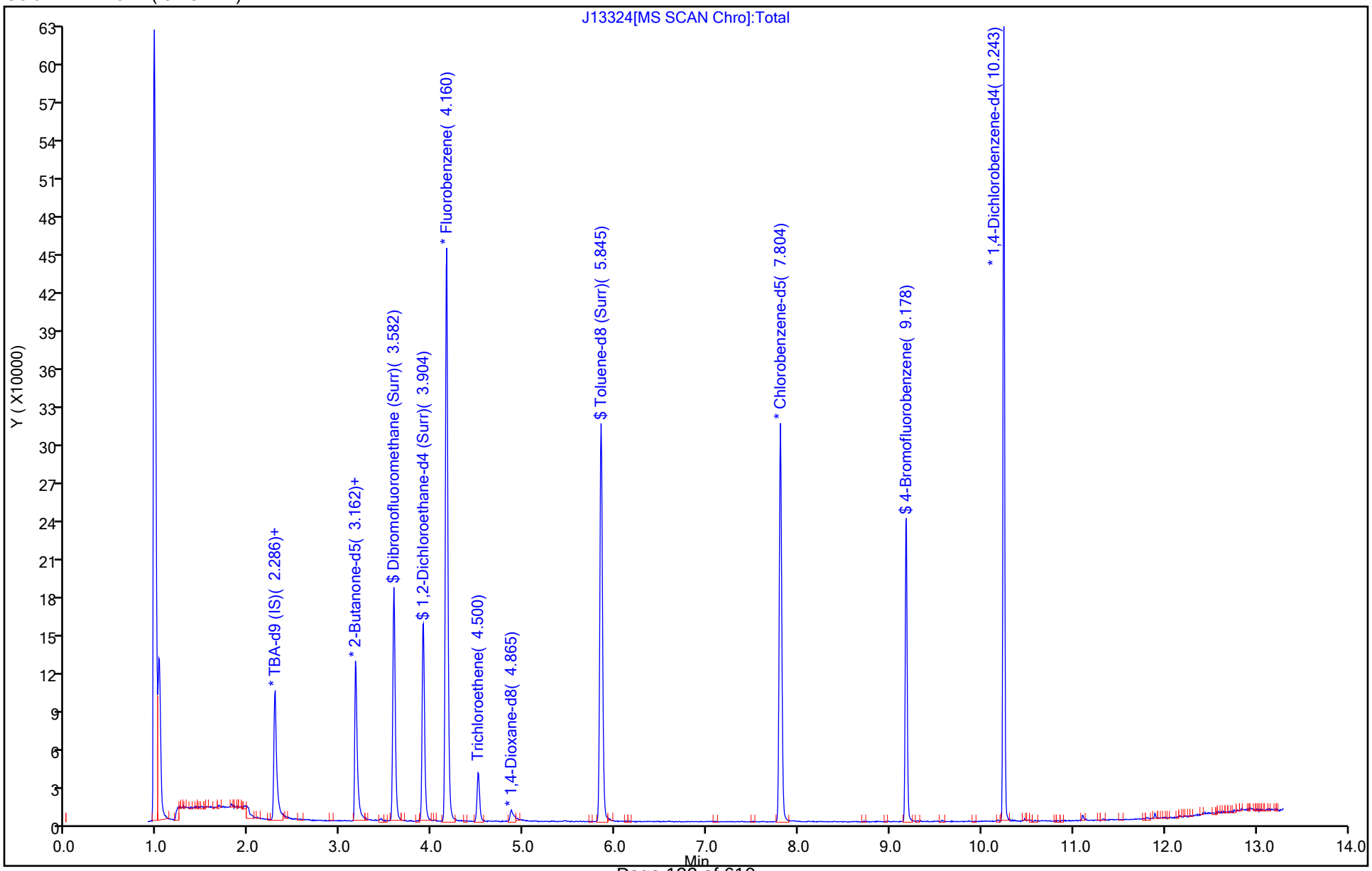
Report Date: 24-Feb-2025 14:02:20 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13324.D

Injection Date:	23-Feb-2025 08:25:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-320734-A-2	Lab Sample ID:	460-320734-2	Worklist Smp#:	13
Client ID:	NL-MW-2E_20250218				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13324.D				
Lims ID:	460-320734-A-2				
Client ID:	NL-MW-2E_20250218				
Sample Type:	Client				
Inject. Date:	23-Feb-2025 08:25:30	ALS Bottle#:	10	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-320734-A-3				
Misc. Info.:	460-0187187-013				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	24-Feb-2025 13:57:34	Calib Date:	22-Feb-2025 20:05:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1671				

First Level Reviewer: NN6A Date: 24-Feb-2025 12:40:04

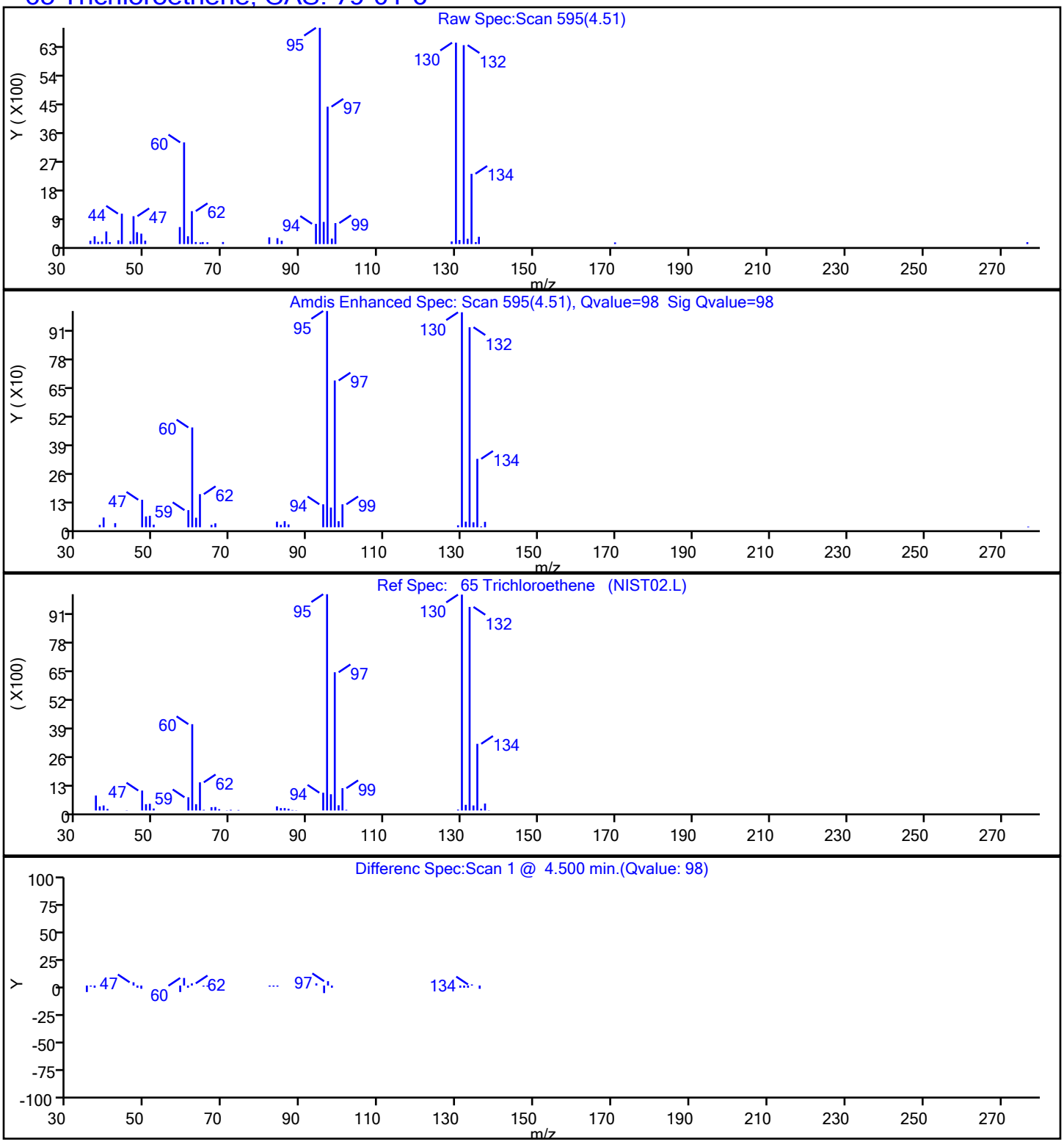
Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.0	105.98
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.54
$ 81 Toluene-d8 (Surr)	50.0	52.0	104.02
$ 103 4-Bromofluorobenzene	50.0	51.5	103.06

Report Date: 24-Feb-2025 14:02:20 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13324.D				
Injection Date:	23-Feb-2025 08:25:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-2	Lab Sample ID:	460-320734-2		
Client ID:	NL-MW-2E_20250218				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

65 Trichloroethene, CAS: 79-01-6



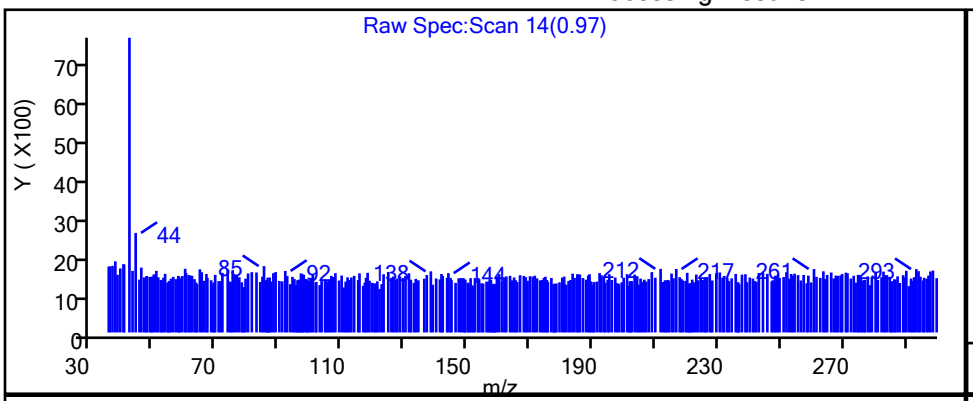
User Disabled Compound Report

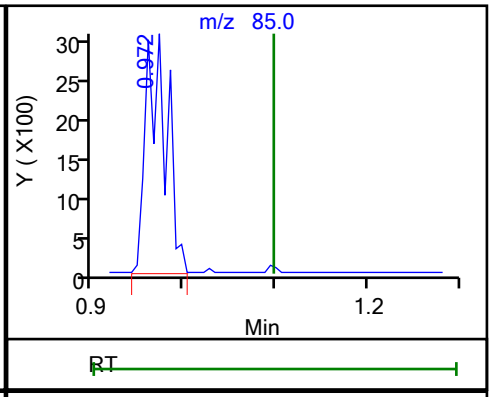
Eurofins Edison

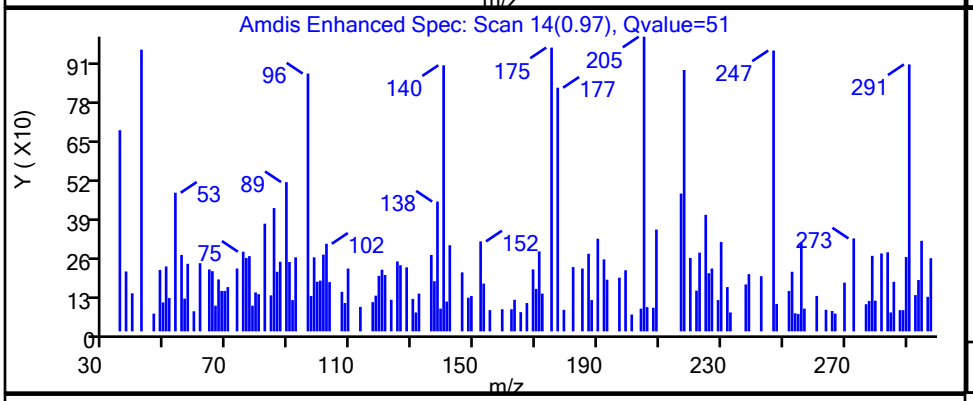
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13324.D				
Injection Date:	23-Feb-2025 08:25:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-2	Lab Sample ID:	460-320734-2		
Client ID:	NL-MW-2E_20250218				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

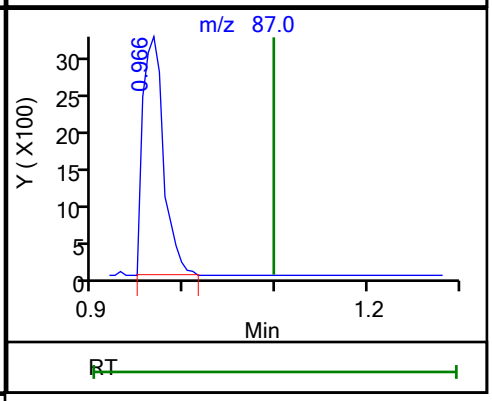
2 Dichlorodifluoromethane, CAS: 75-71-8

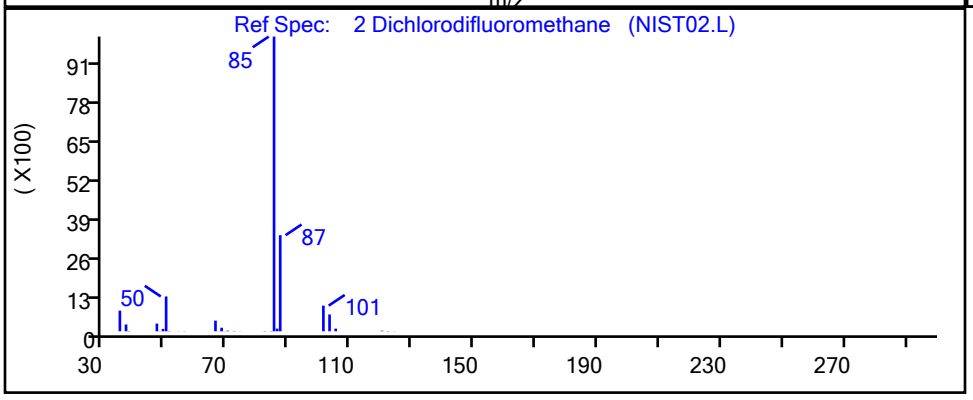
Processing Results











RT	Mass	Response	Amount
0.97	85.00	4820	1.421557
0.97	87.00	5042	

Reviewer: NN6A, 24-Feb-2025 12:39:54 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 | Lab Sample ID: 460-320734-3

Matrix: Water | Lab File ID: J13325.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	5.4		0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.35	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	4.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	15		1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 | Lab Sample ID: 460-320734-3

Matrix: Water | Lab File ID: J13325.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 08:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.43	J	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	16		1.0	0.34
108-87-2	Methylcyclohexane	5.1		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.73	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	71		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.38	J	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D
Lims ID: 460-320734-A-3
Client ID: NL-MW-3_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 08:47:30 ALS Bottle#: 11 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-4
Misc. Info.: 460-0187187-014
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:40:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Vinyl chloride	62	1.283	1.280	0.003	92	1132	0.3777	
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	75	125697	1000.0	
31 Methyl tert-butyl ether	73	2.409	2.411	-0.002	84	5151	0.7278	
32 trans-1,2-Dichloroethene	96	2.439	2.436	0.003	95	4259	1.39	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	86	161387	250.0	
42 cis-1,2-Dichloroethene	96	3.194	3.190	0.004	93	12471	3.97	
50 Chloroform	83	3.449	3.439	0.010	92	1738	0.3455	
51 Cyclohexane	84	3.552	3.549	0.003	91	49328	14.6	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	96	110846	51.0	
58 Benzene	78	3.887	3.883	0.004	94	48122	5.38	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.905	3.902	0.003	0	109174	51.2	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	434228	50.0	
65 Trichloroethene	95	4.502	4.498	0.004	97	187336	70.6	
67 Methylcyclohexane	83	4.617	4.613	0.004	89	19451	5.11	a
* 70 1,4-Dioxane-d8	96	4.860	4.857	0.003	0	10501	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.846	5.842	0.004	98	258028	53.9	
* 92 Chlorobenzene-d5	117	7.805	7.801	0.004	88	199462	50.0	
94 Ethylbenzene	106	7.963	7.947	0.016	93	851	0.4286	
102 Isopropylbenzene	105	8.973	8.969	0.004	97	100199	15.8	
$ 103 4-Bromofluorobenzene	174	9.180	9.176	0.004	90	60695	51.0	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	96	126237	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

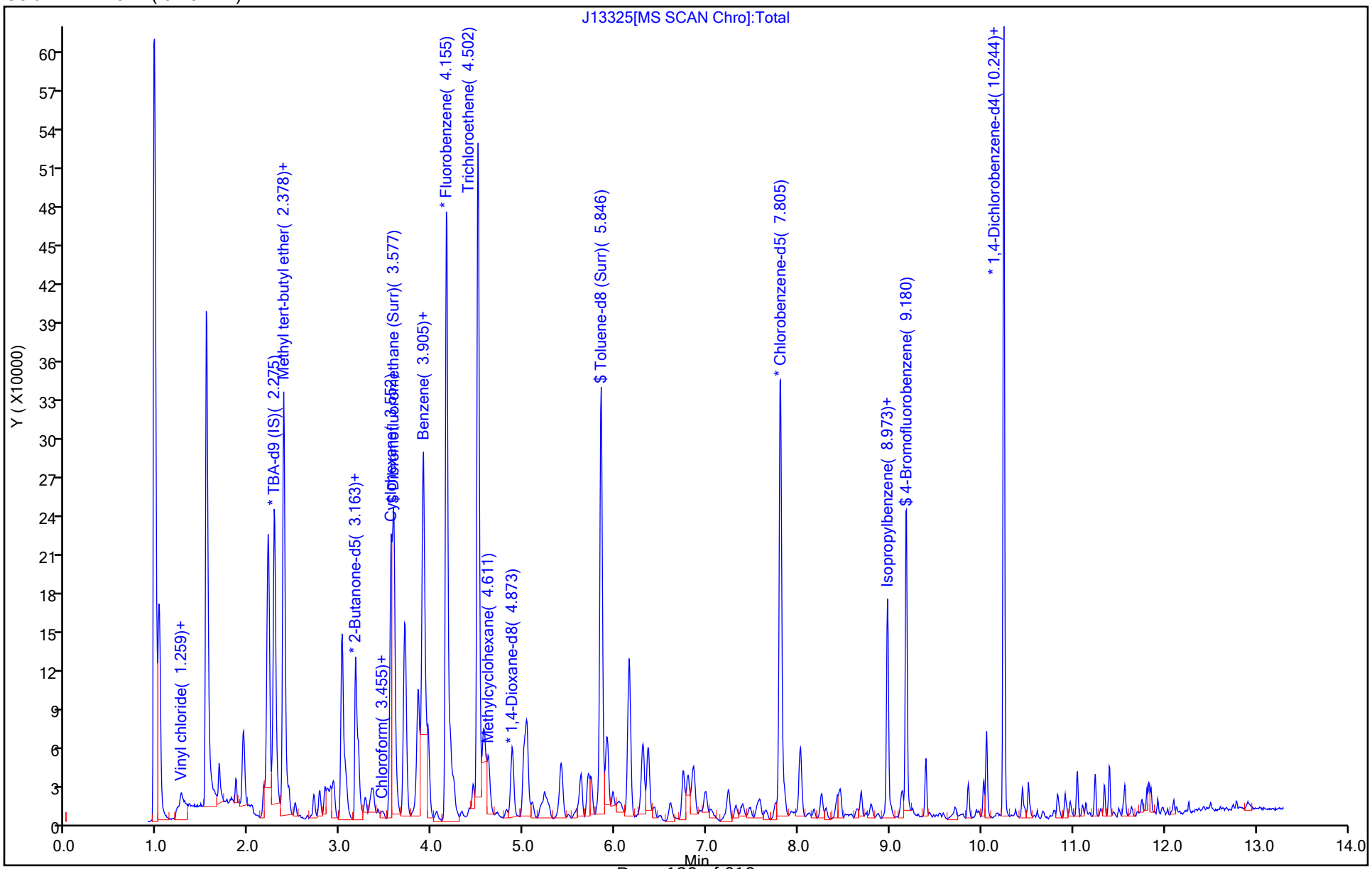
Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date:	23-Feb-2025 08:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-320734-A-3	Lab Sample ID:	460-320734-3	Worklist Smp#:	14
Client ID:	NL-MW-3_20250218				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D
Lims ID: 460-320734-A-3
Client ID: NL-MW-3_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 08:47:30 ALS Bottle#: 11 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-4
Misc. Info.: 460-0187187-014
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:40:46

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	51.0	102.09
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.38
$ 81 Toluene-d8 (Surr)	50.0	53.9	107.75
$ 103 4-Bromofluorobenzene	50.0	51.0	101.98

Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

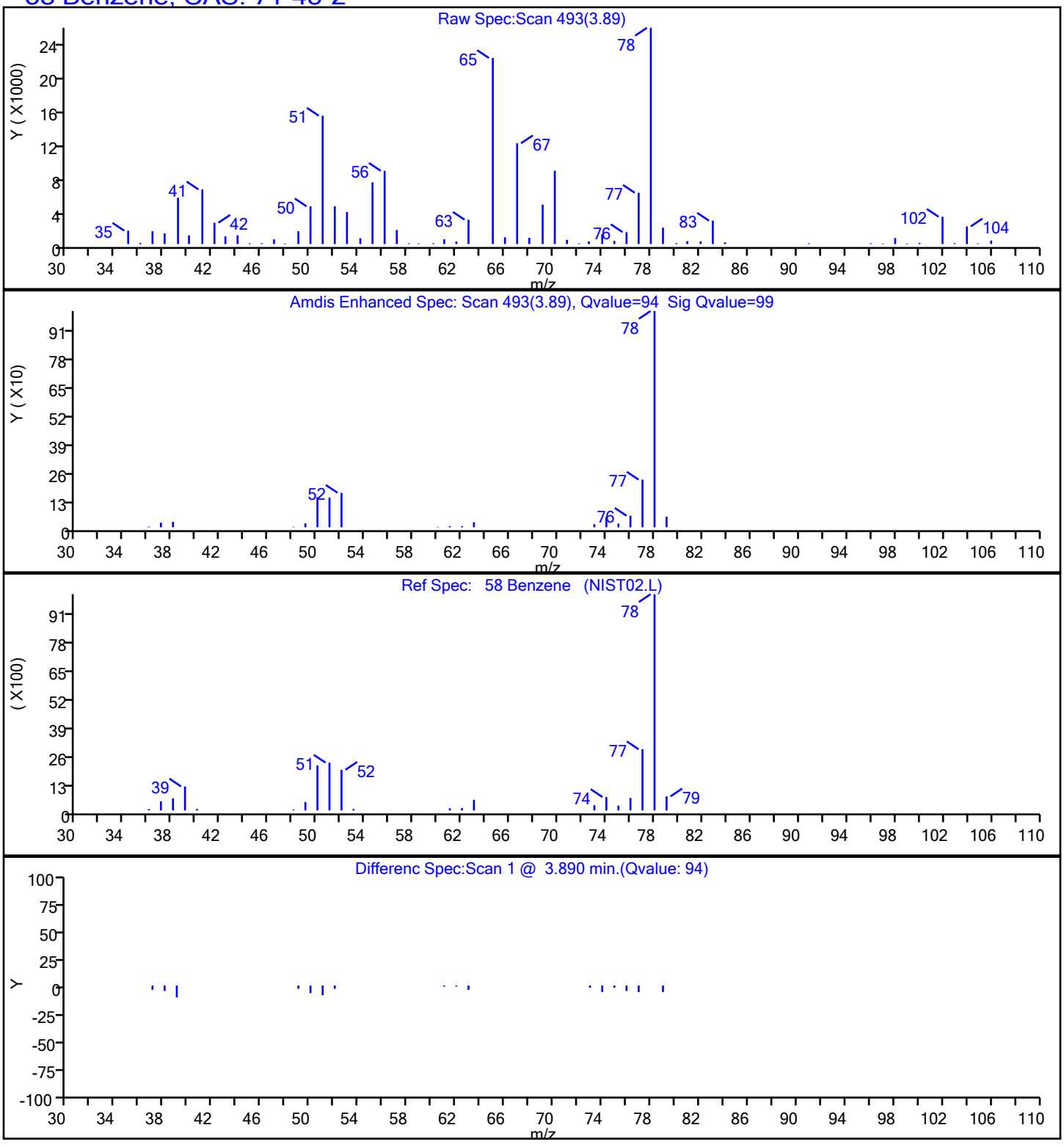
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Benzene, CAS: 71-43-2



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

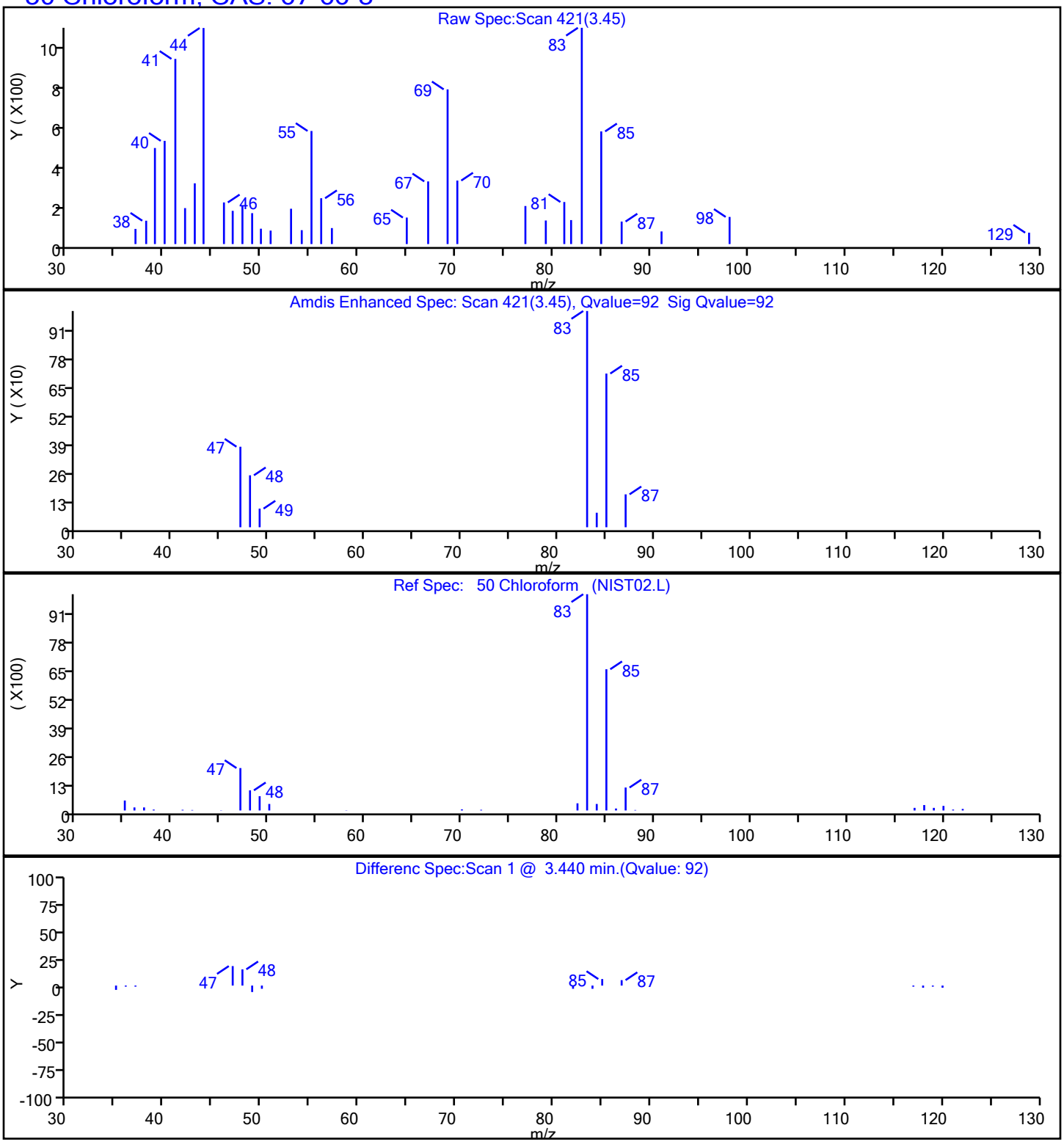
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chloroform, CAS: 67-66-3



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

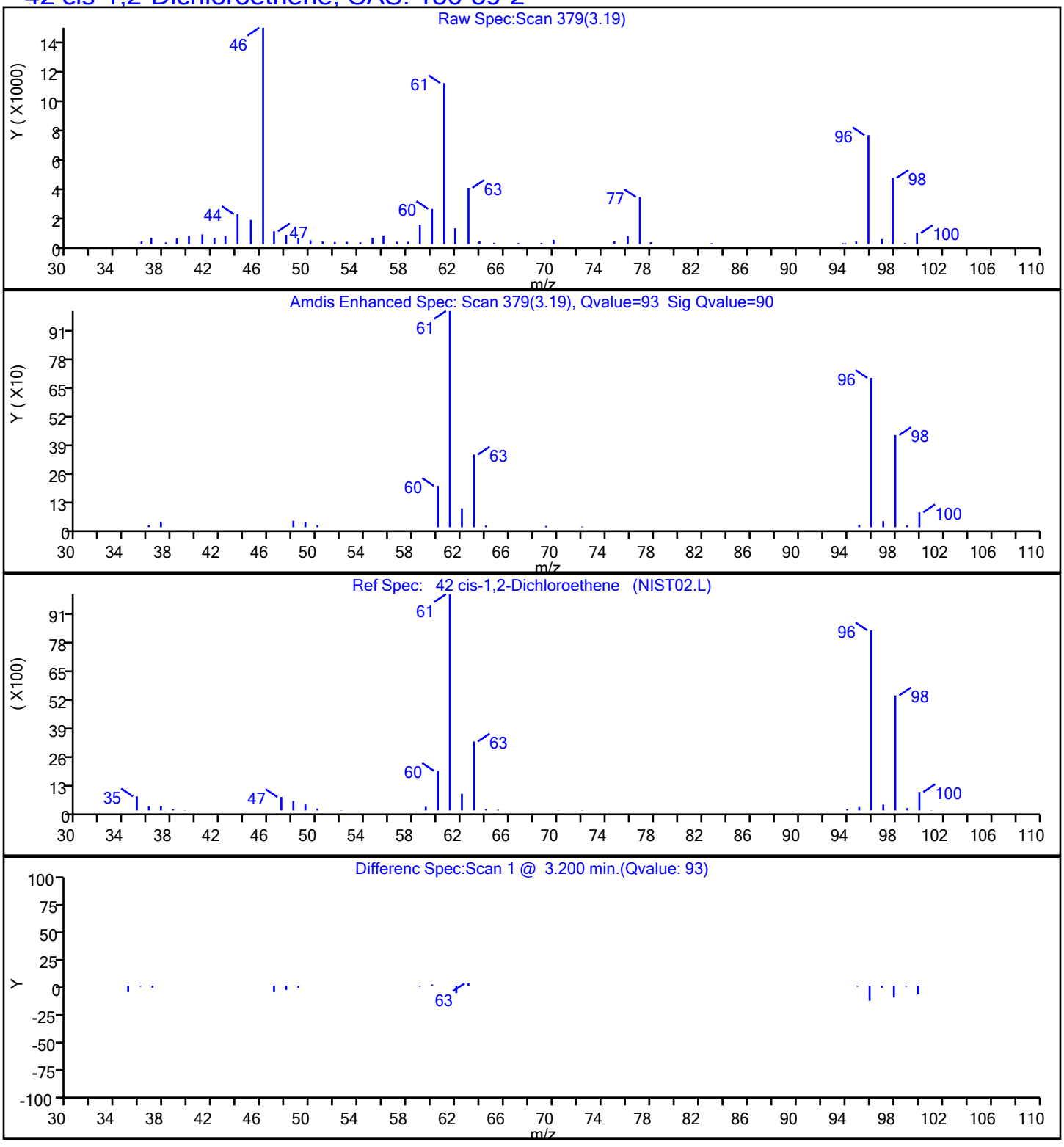
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

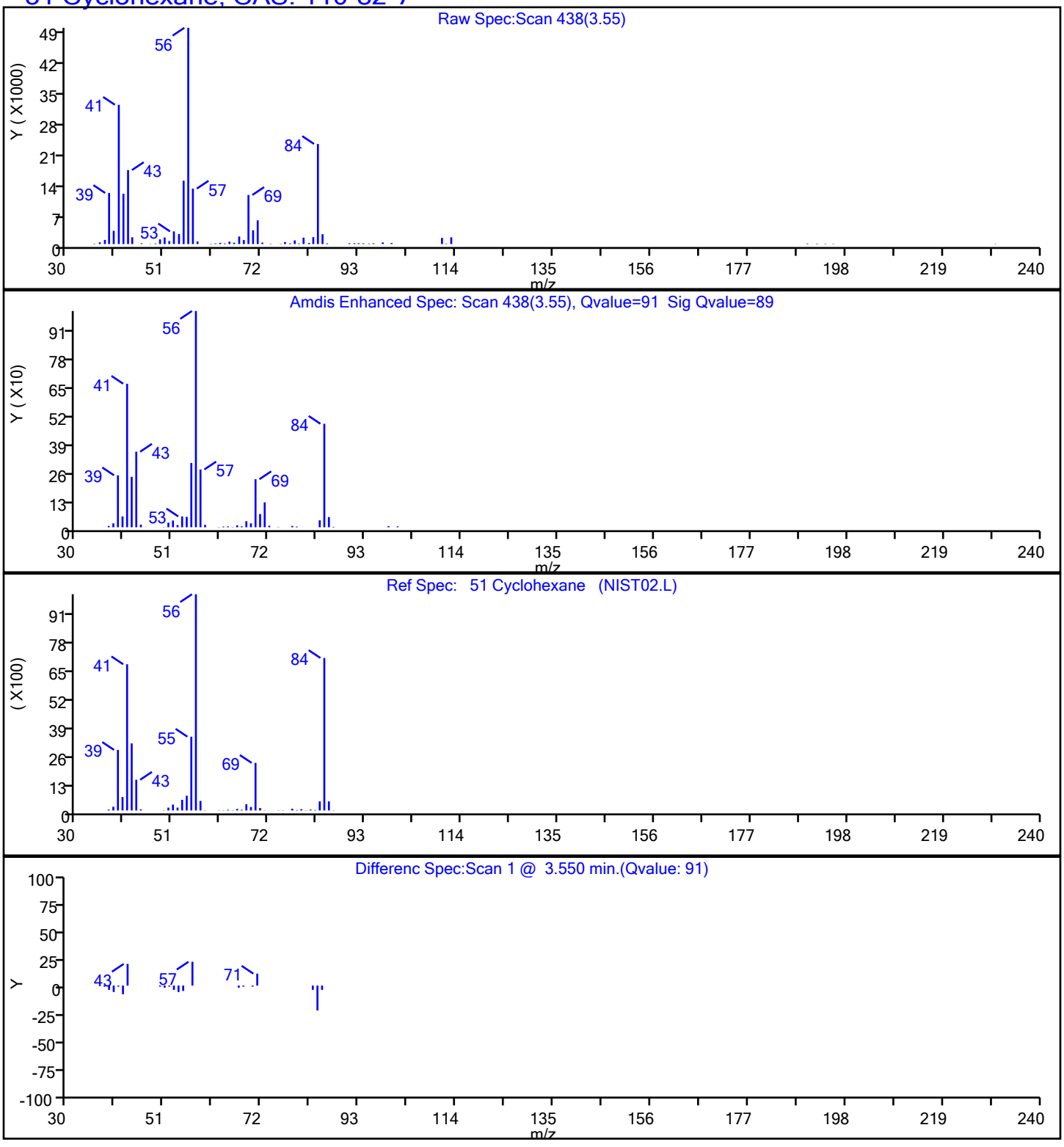
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Cyclohexane, CAS: 110-82-7



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

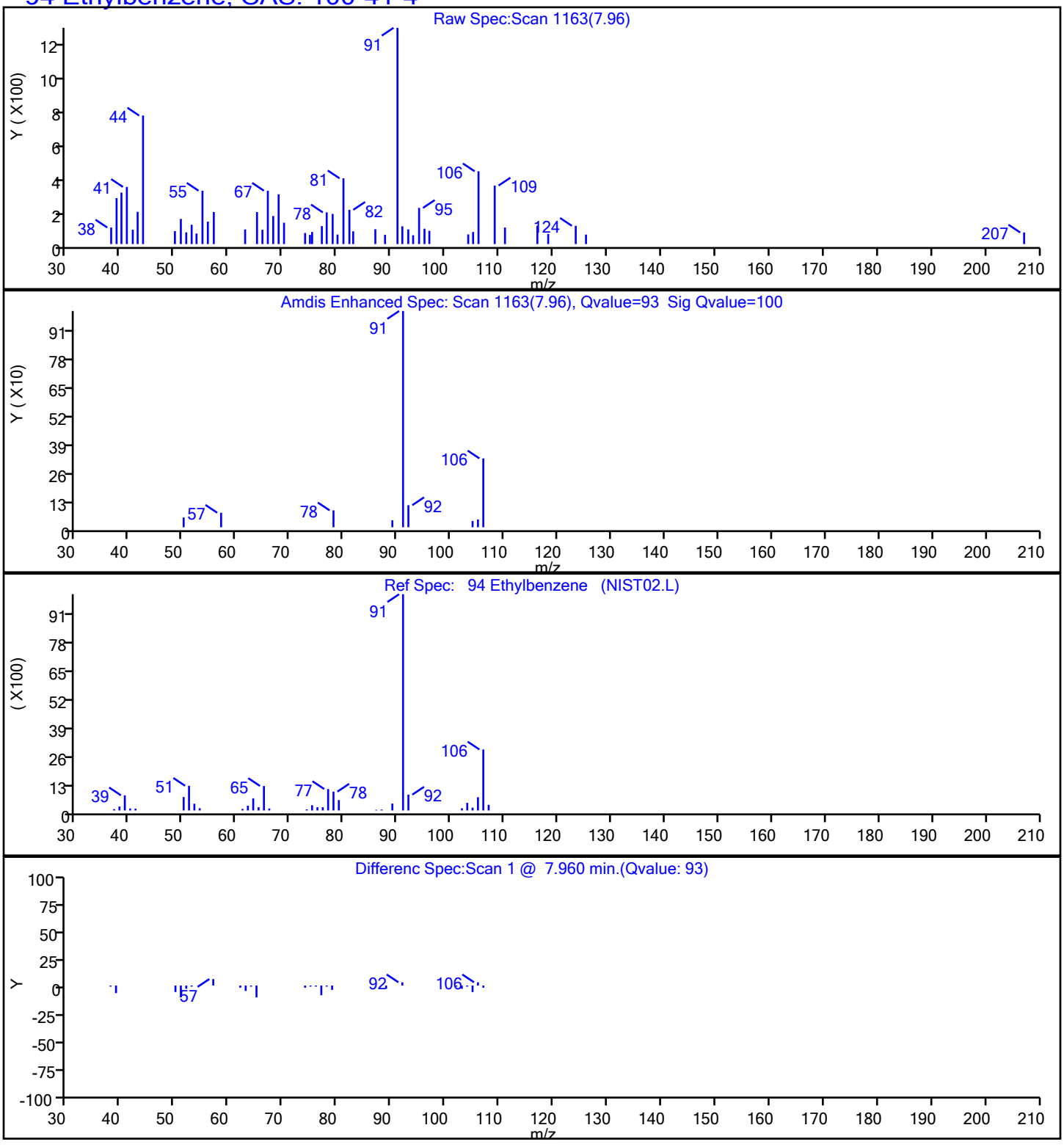
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 Ethylbenzene, CAS: 100-41-4



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

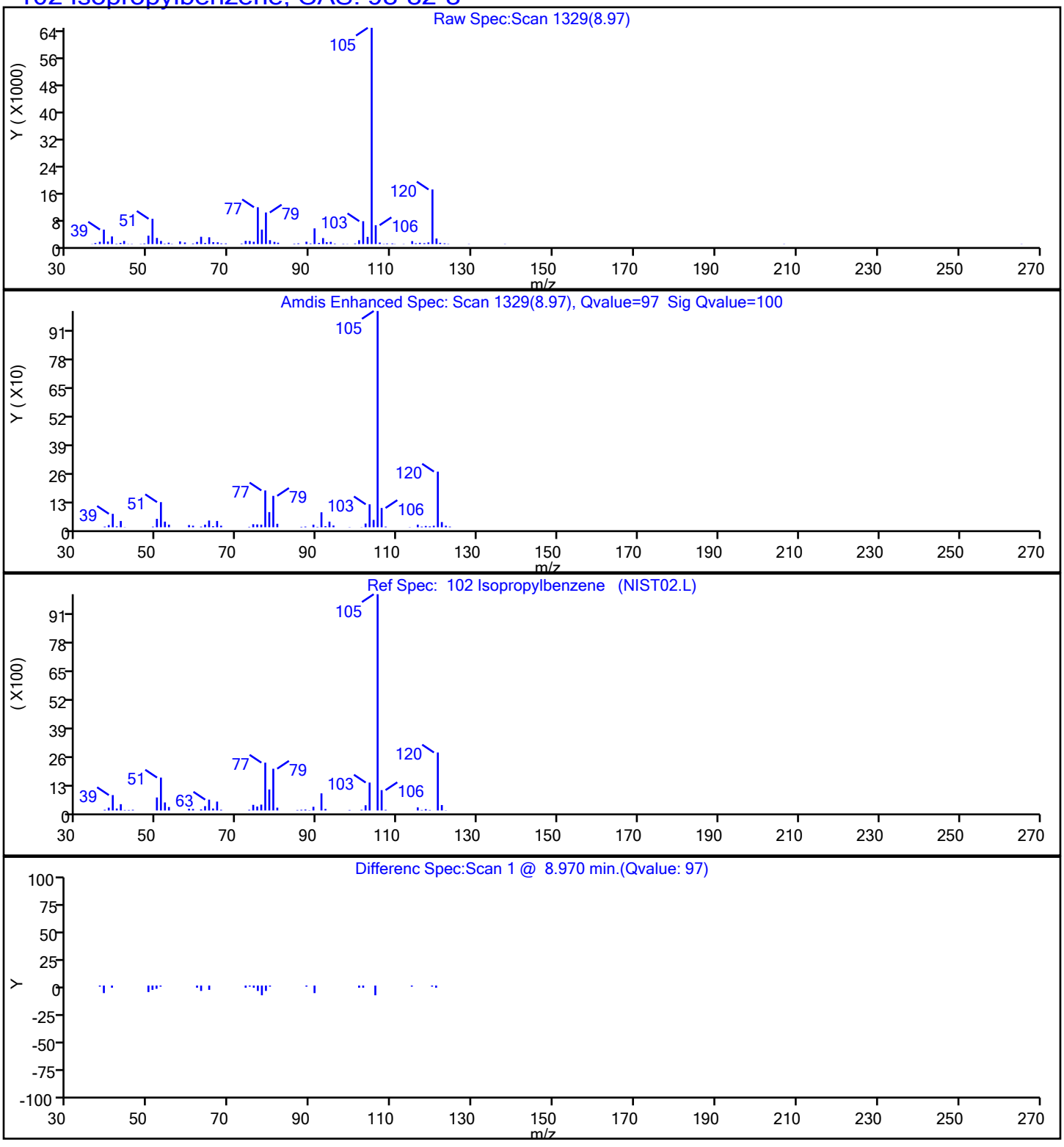
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Isopropylbenzene, CAS: 98-82-8



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

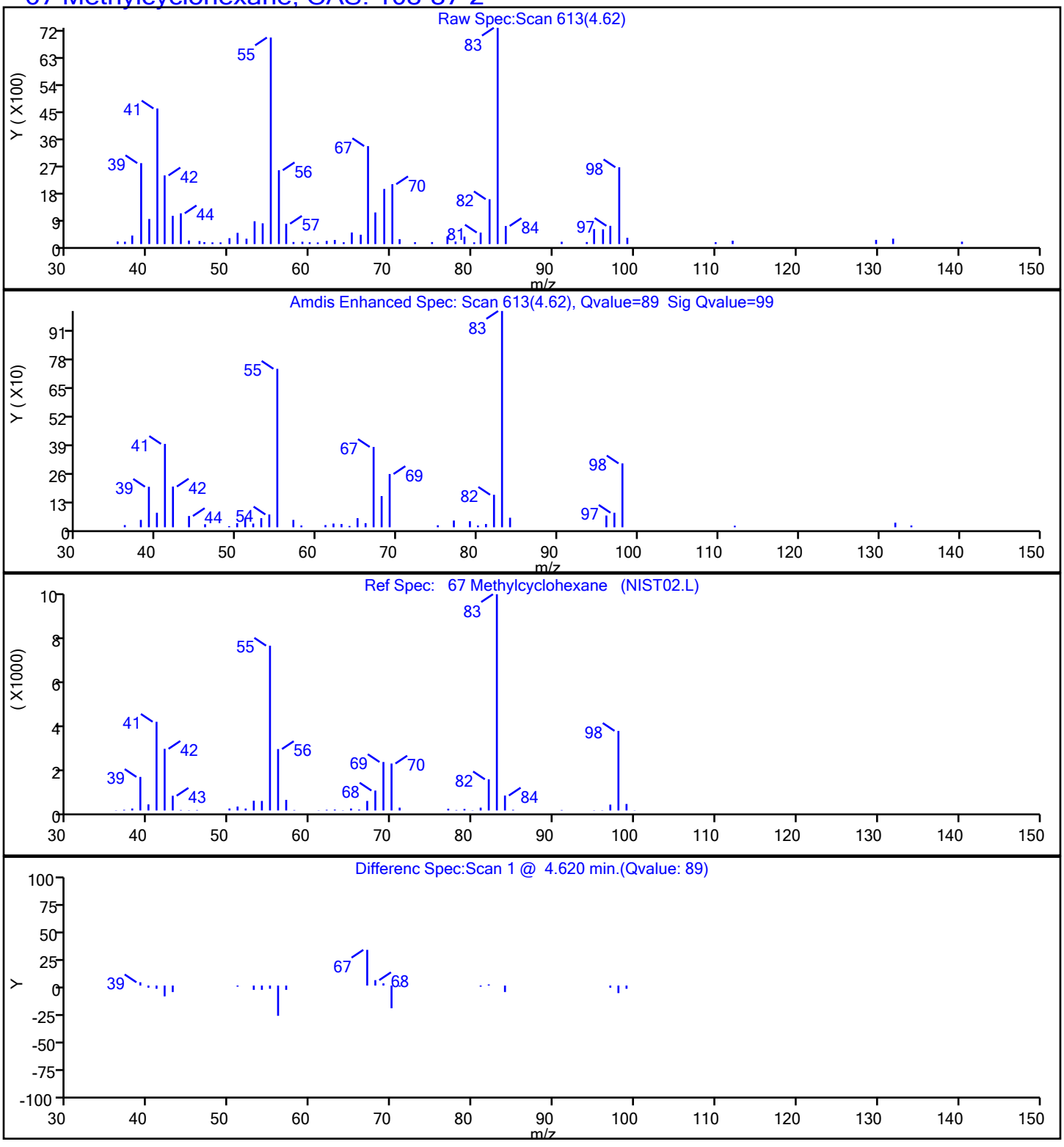
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 Methylcyclohexane, CAS: 108-87-2



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

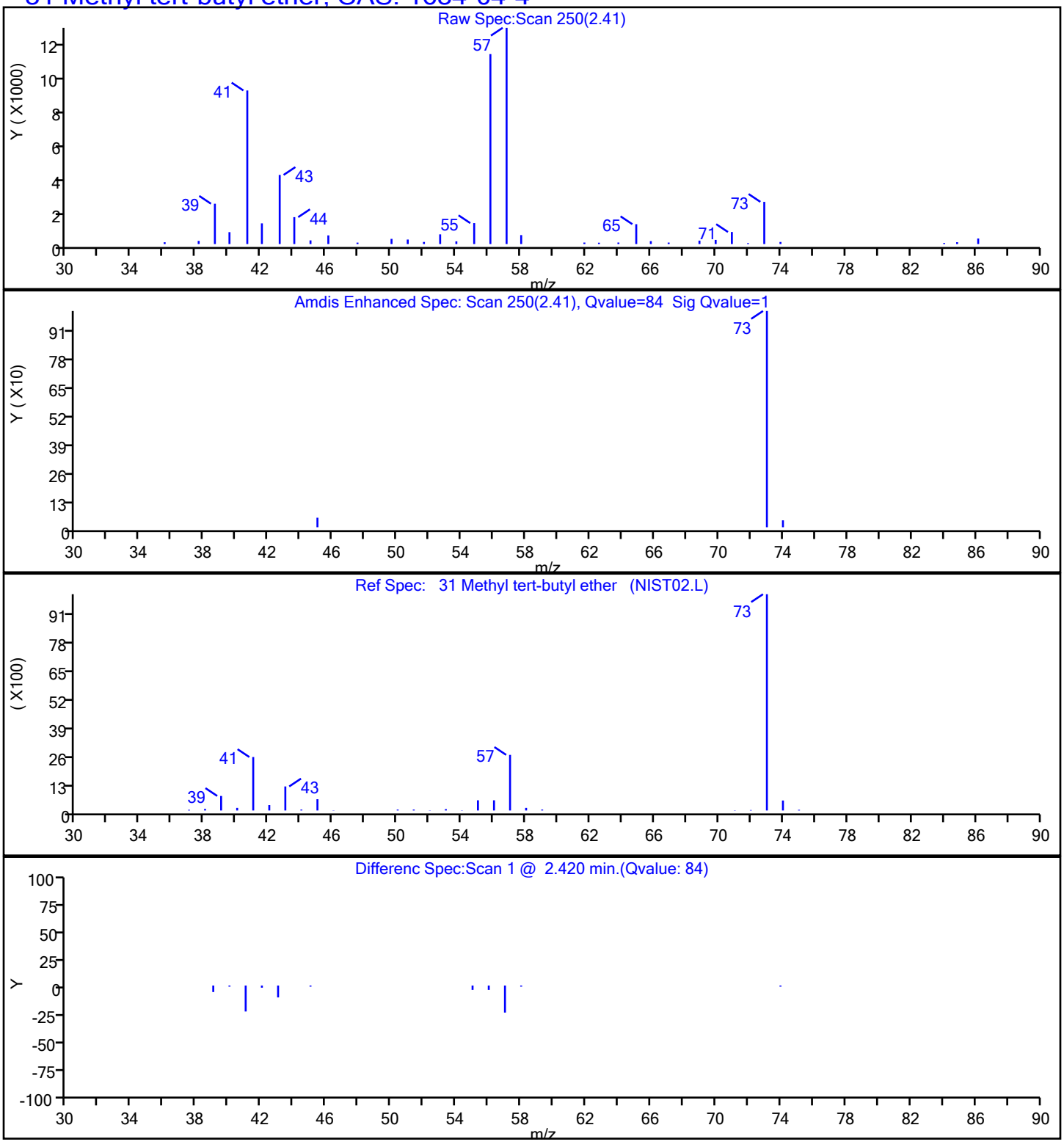
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methyl tert-butyl ether, CAS: 1634-04-4



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

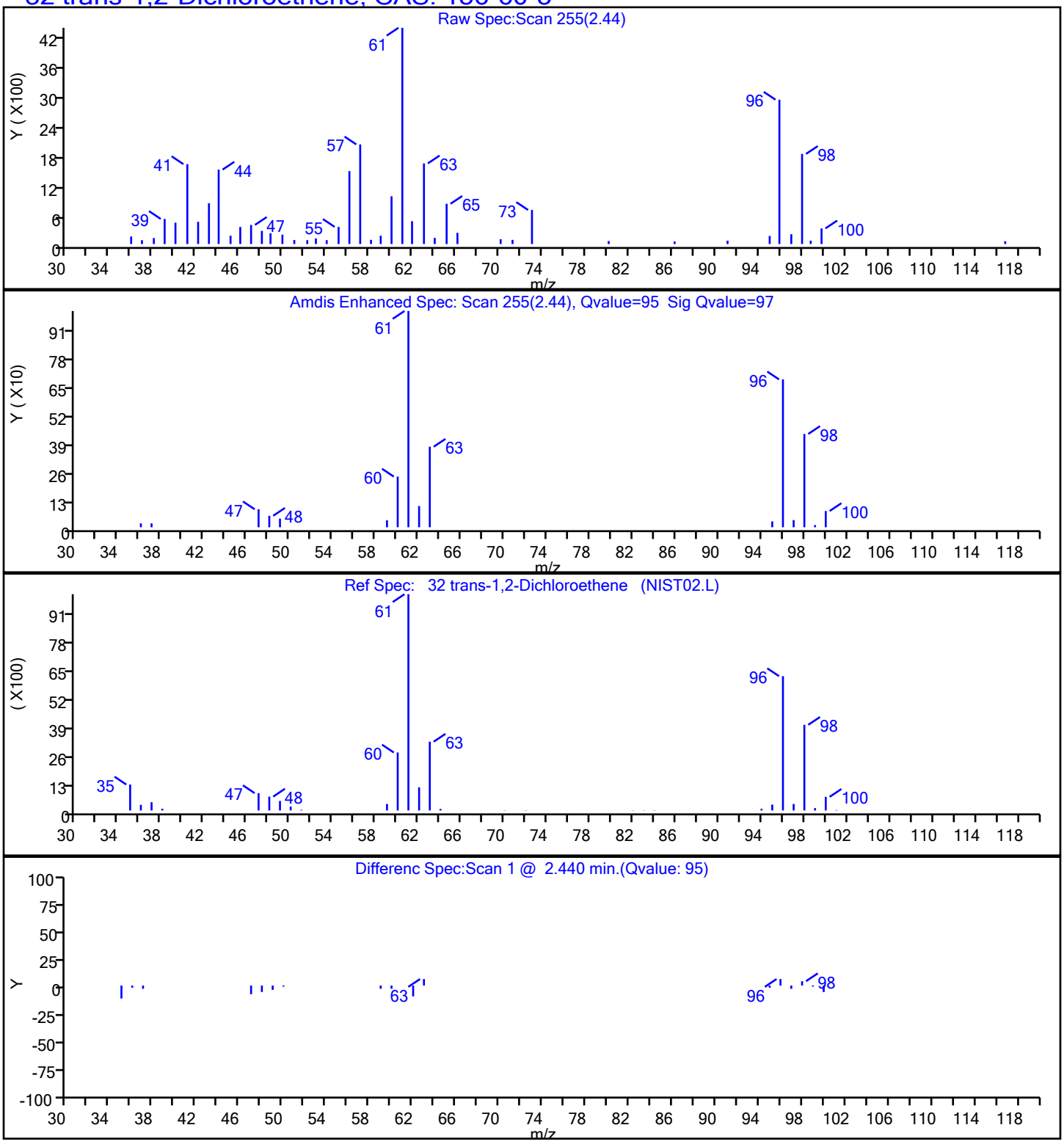
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 trans-1,2-Dichloroethene, CAS: 156-60-5



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

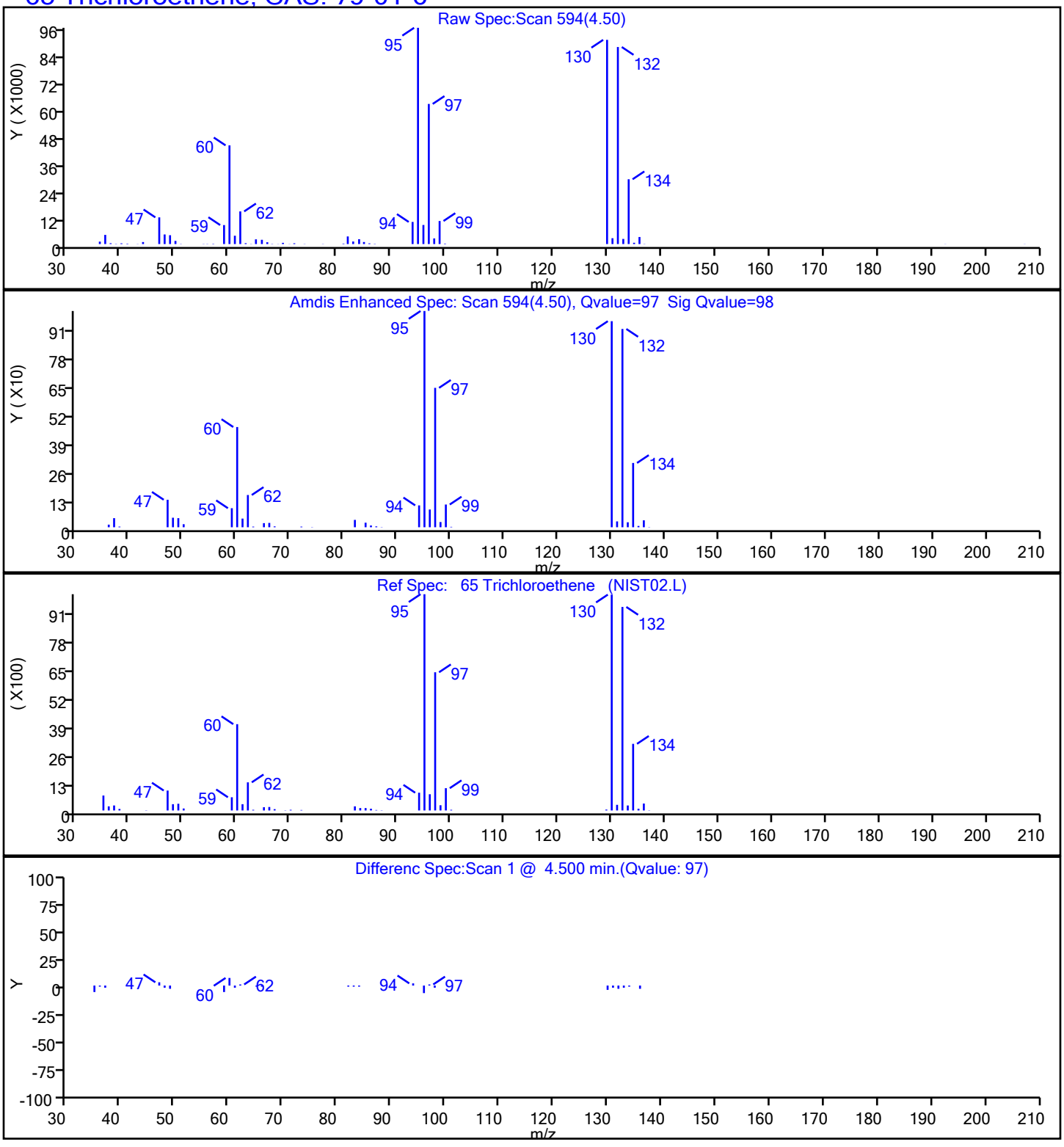
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 Trichloroethene, CAS: 79-01-6



Report Date: 24-Feb-2025 14:02:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D

Injection Date: 23-Feb-2025 08:47:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-3 Lab Sample ID: 460-320734-3

Client ID: NL-MW-3_20250218

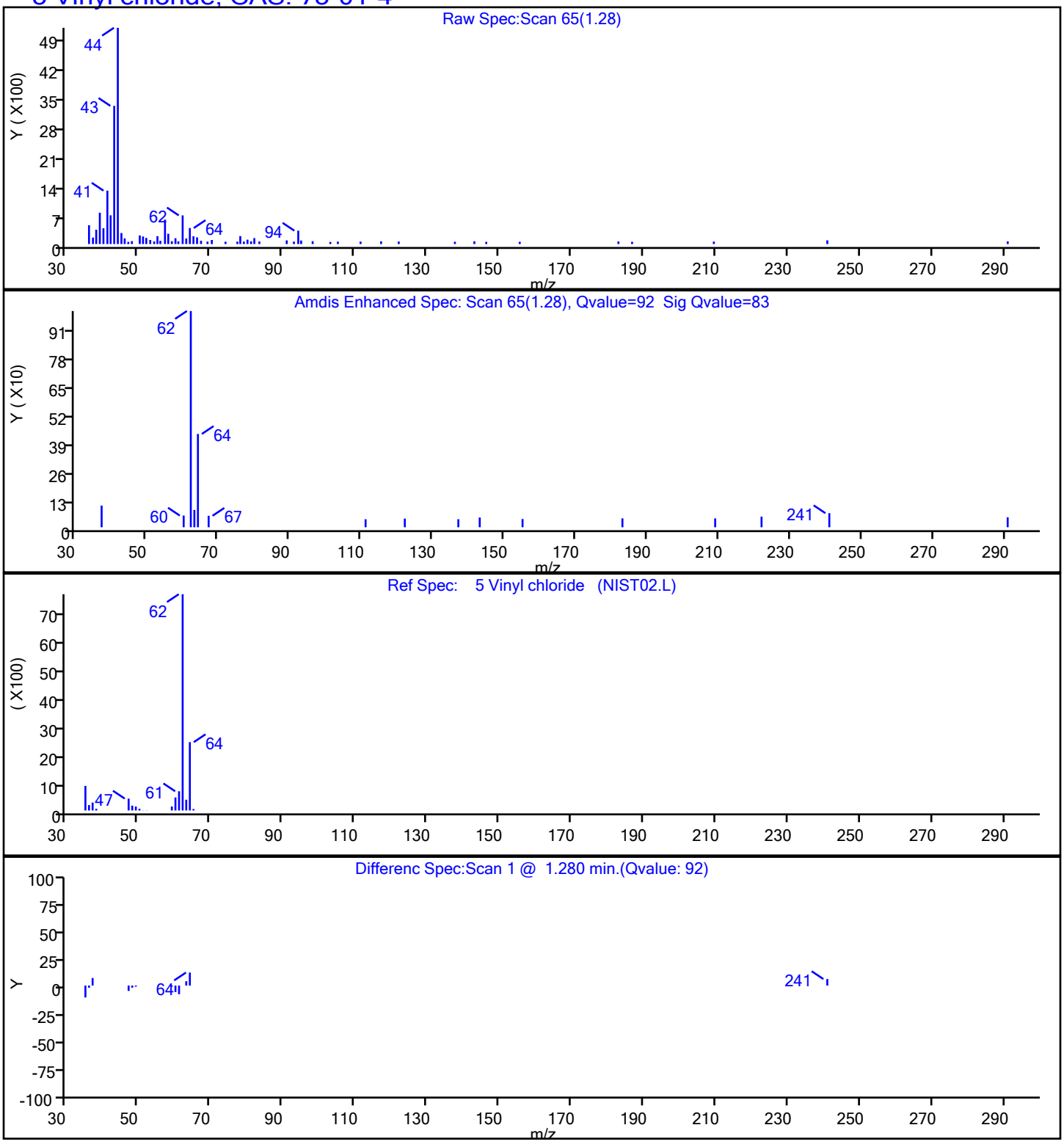
Operator ID: ALS Bottle#: 11 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Vinyl chloride, CAS: 75-01-4



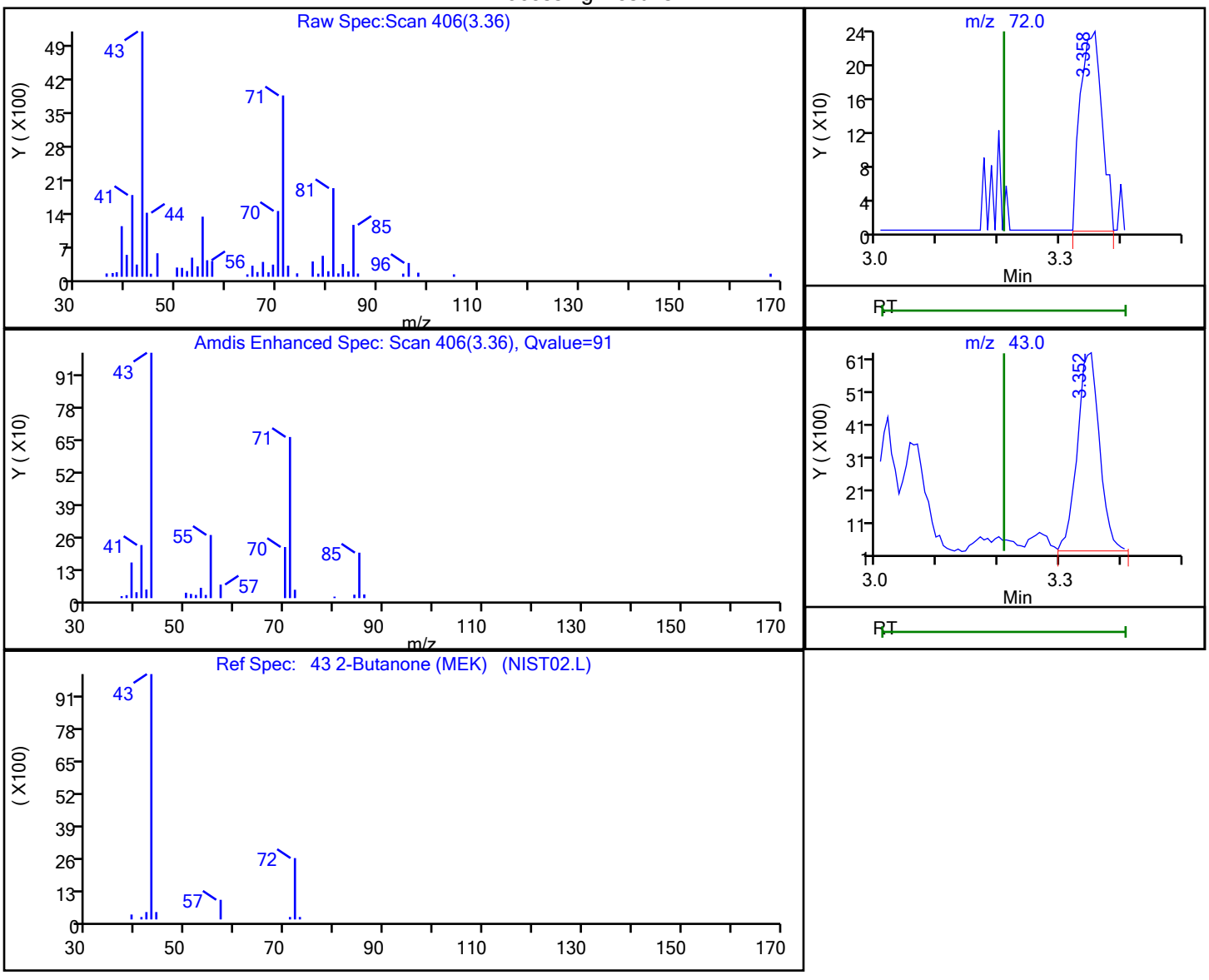
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D				
Injection Date:	23-Feb-2025 08:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-3	Lab Sample ID:	460-320734-3		
Client ID:	NL-MW-3_20250218				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.36	72.00	573	3.820524
3.35	43.00	15402	

Reviewer: NN6A, 24-Feb-2025 12:40:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

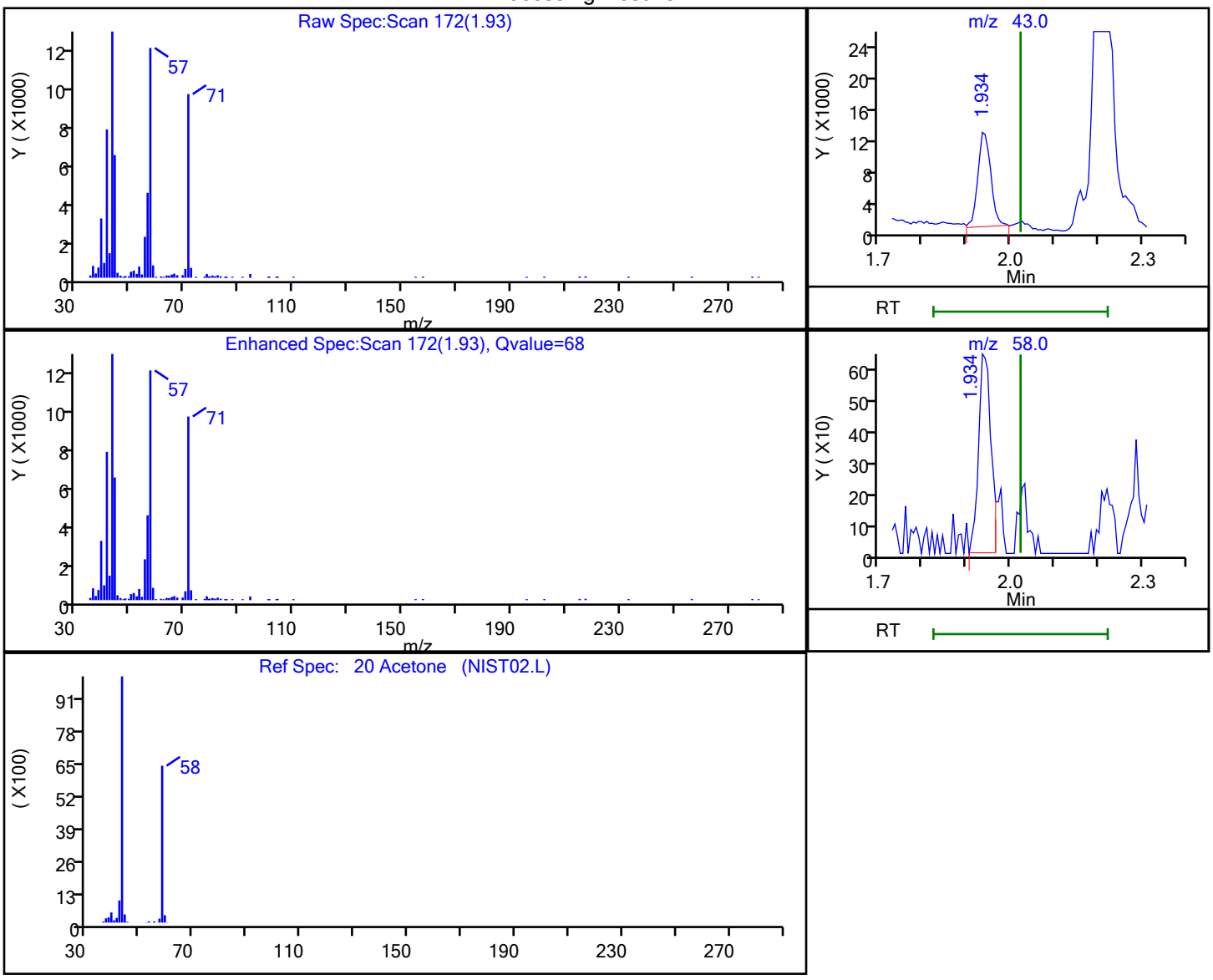
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D				
Injection Date:	23-Feb-2025 08:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-3	Lab Sample ID:	460-320734-3		
Client ID:	NL-MW-3_20250218				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

20 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.93	43.00	24645	43.469334
1.93	58.00	1284	

Reviewer: NN6A, 24-Feb-2025 12:40:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

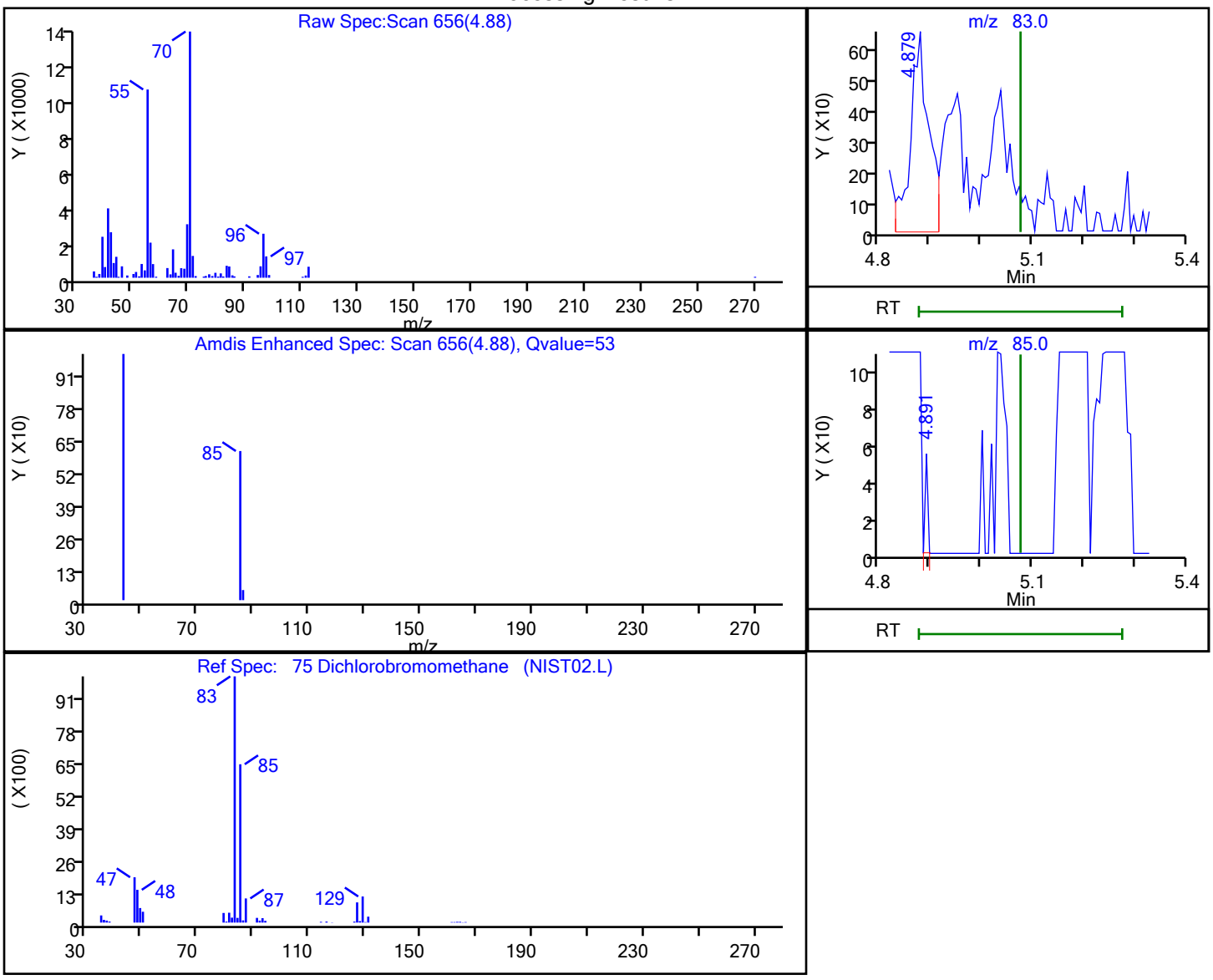
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D				
Injection Date:	23-Feb-2025 08:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-3	Lab Sample ID:	460-320734-3		
Client ID:	NL-MW-3_20250218				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

75 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.88	83.00	1632	0.576570
4.89	85.00	19	

Reviewer: NN6A, 24-Feb-2025 12:40:36 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

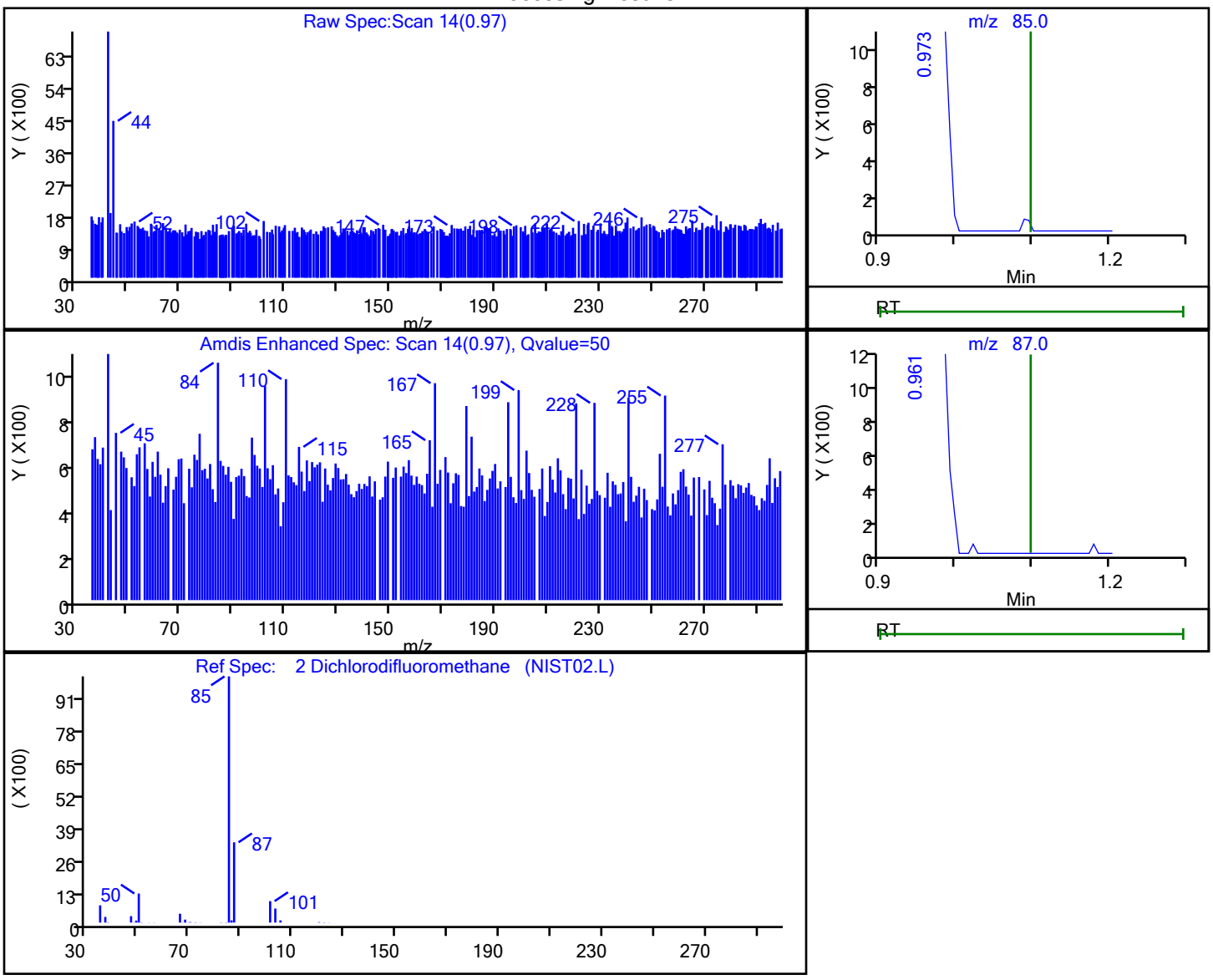
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D				
Injection Date:	23-Feb-2025 08:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-3	Lab Sample ID:	460-320734-3		
Client ID:	NL-MW-3_20250218				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.97	85.00	5306	1.475268
0.96	87.00	4555	

Reviewer: NN6A, 24-Feb-2025 12:40:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

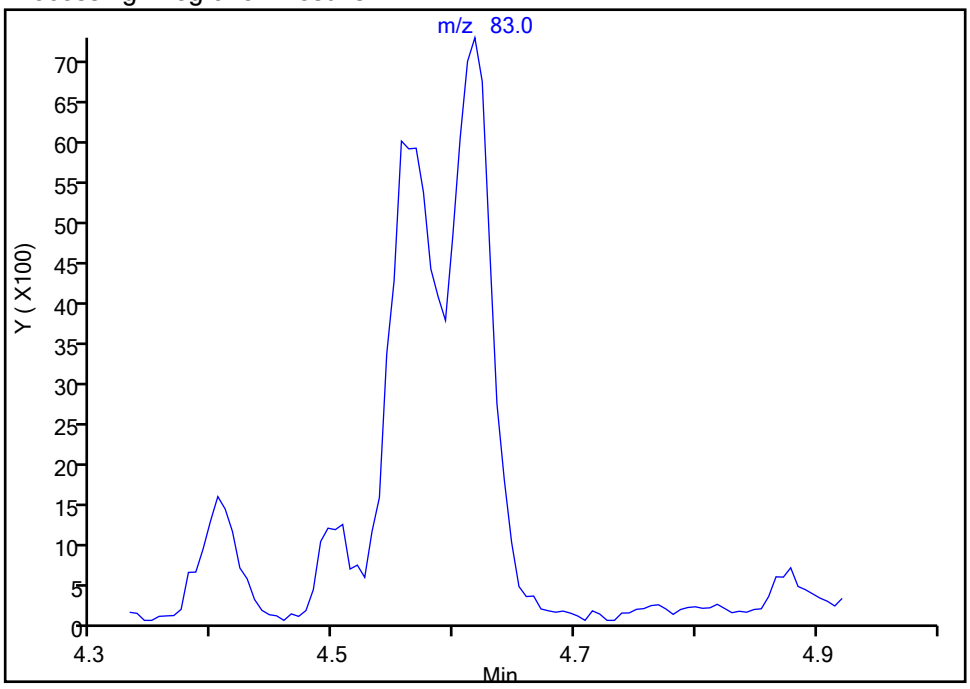
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13325.D				
Injection Date:	23-Feb-2025 08:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-3	Lab Sample ID:	460-320734-3		
Client ID:	NL-MW-3_20250218				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

67 Methylcyclohexane, CAS: 108-87-2

Signal: 1

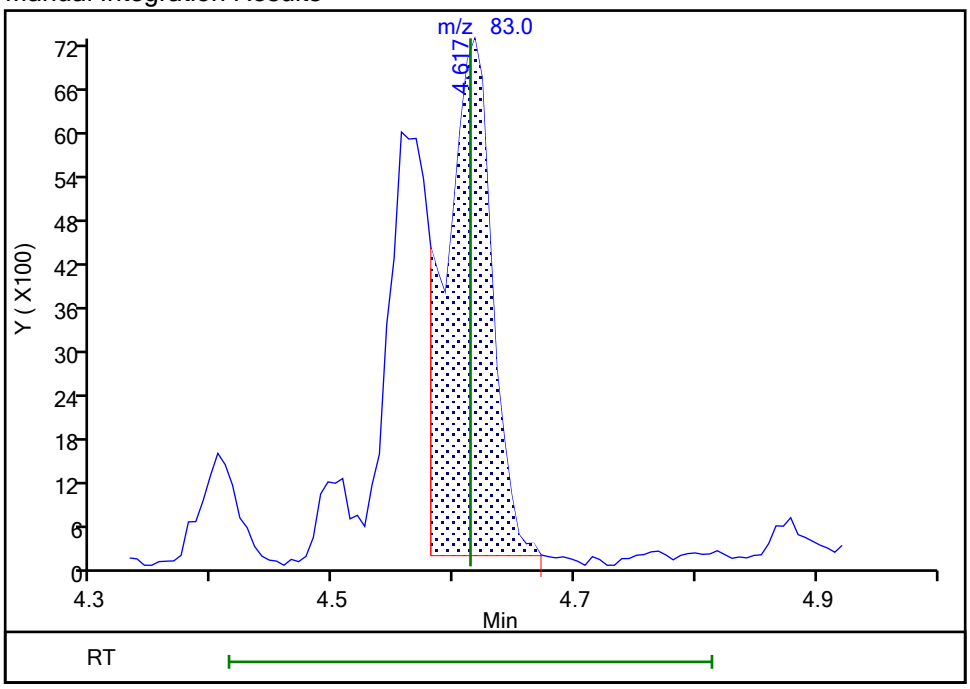
Not Detected
Expected RT: 4.61

Processing Integration Results



Manual Integration Results

RT: 4.62
Area: 19451
Amount: 5.106149
Amount Units: ug/l



Reviewer: NN6A, 24-Feb-2025 12:41:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-DUP_20250218 | Lab Sample ID: 460-320734-4

Matrix: Water | Lab File ID: J13326.D

Analysis Method: 8260D | Date Collected: 02/18/2025 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	5.4		0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.38	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	4.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	16		1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-DUP_20250218 | Lab Sample ID: 460-320734-4

Matrix: Water | Lab File ID: J13326.D

Analysis Method: 8260D | Date Collected: 02/18/2025 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.45	J	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	17		1.0	0.34
108-87-2	Methylcyclohexane	6.0		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.76	J	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	74		0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.35	J	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D
Lims ID: 460-320734-A-4
Client ID: NL-MW-DUP_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 09:10:30 ALS Bottle#: 12 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-B-5
Misc. Info.: 460-0187187-015
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:41:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Vinyl chloride	62	1.289	1.280	0.009	94	1143	0.3487	
* 28 TBA-d9 (IS)	65	2.280	2.277	0.003	75	146772	1000.0	
31 Methyl tert-butyl ether	73	2.414	2.411	0.003	89	5914	0.7641	
32 trans-1,2-Dichloroethene	96	2.438	2.436	0.002	96	4308	1.28	
* 40 2-Butanone-d5	46	3.162	3.160	0.002	86	190239	250.0	
42 cis-1,2-Dichloroethene	96	3.199	3.190	0.009	94	13709	4.00	
50 Chloroform	83	3.442	3.439	0.003	96	2091	0.3802	
51 Cyclohexane	84	3.552	3.549	0.003	90	59082	16.0	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.579	0.003	95	116841	49.2	
58 Benzene	78	3.886	3.883	0.003	93	53328	5.40	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.904	3.902	0.002	0	120922	51.8	
* 64 Fluorobenzene	96	4.160	4.157	0.003	98	474848	50.0	
65 Trichloroethene	95	4.501	4.498	0.003	97	213930	73.8	
67 Methylcyclohexane	83	4.610	4.613	-0.003	82	25034	6.01	
* 70 1,4-Dioxane-d8	96	4.866	4.857	0.009	0	12313	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.845	5.842	0.003	99	284725	53.9	
* 92 Chlorobenzene-d5	117	7.804	7.801	0.003	89	219881	50.0	
94 Ethylbenzene	106	7.962	7.947	0.015	93	991	0.4528	
102 Isopropylbenzene	105	8.972	8.969	0.003	97	117122	16.8	
$ 103 4-Bromofluorobenzene	174	9.179	9.176	0.003	89	69119	52.7	
* 119 1,4-Dichlorobenzene-d4	152	10.243	10.241	0.002	96	142615	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

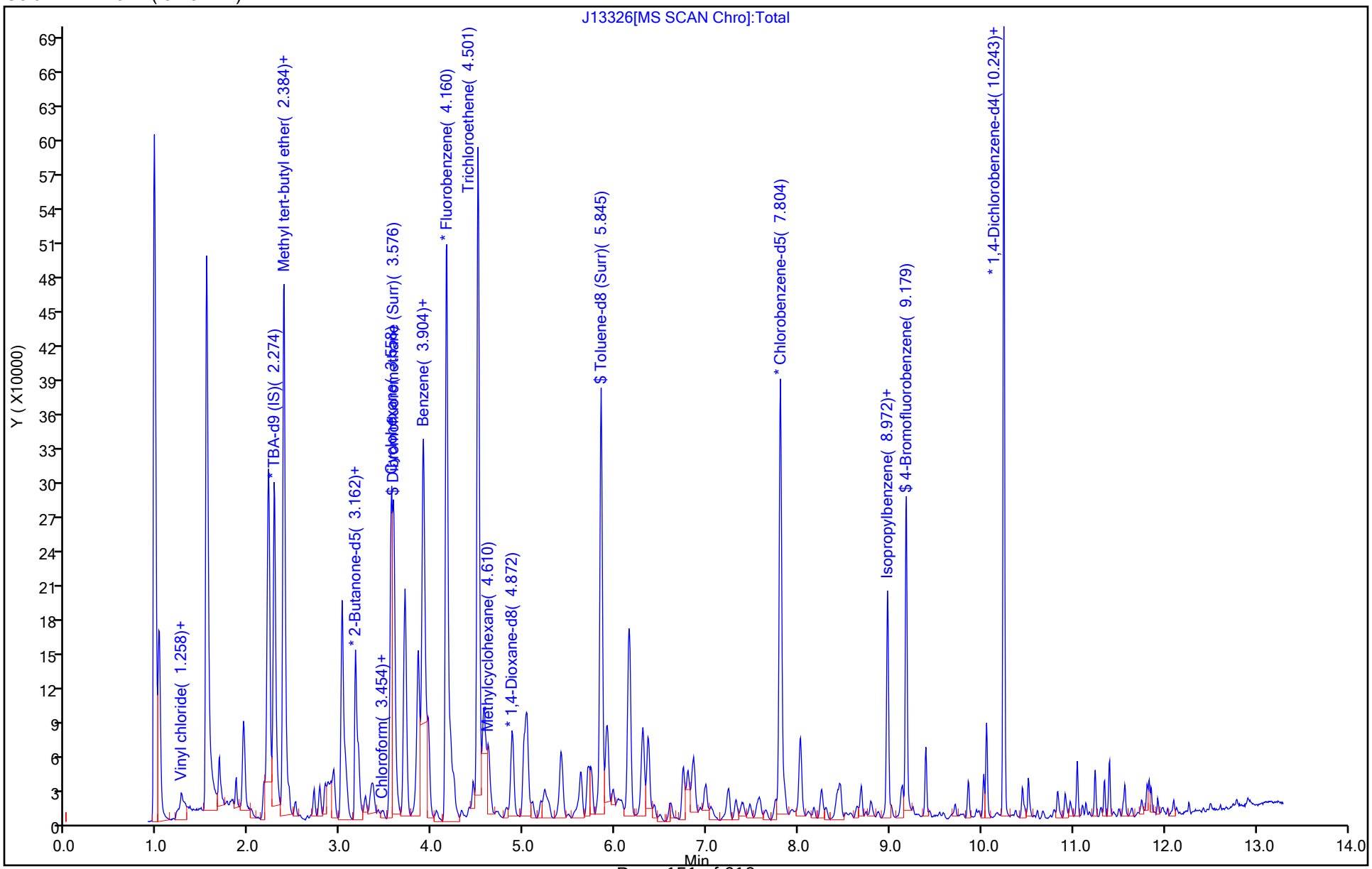
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4	Worklist Smp#:	15
Client ID:	NL-MW-DUP_20250218				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:02:27 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D
Lims ID: 460-320734-A-4
Client ID: NL-MW-DUP_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 09:10:30 ALS Bottle#: 12 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-B-5
Misc. Info.: 460-0187187-015
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:41:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	49.2	98.40
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.70
$ 81 Toluene-d8 (Surr)	50.0	53.9	107.86
$ 103 4-Bromofluorobenzene	50.0	52.7	105.35

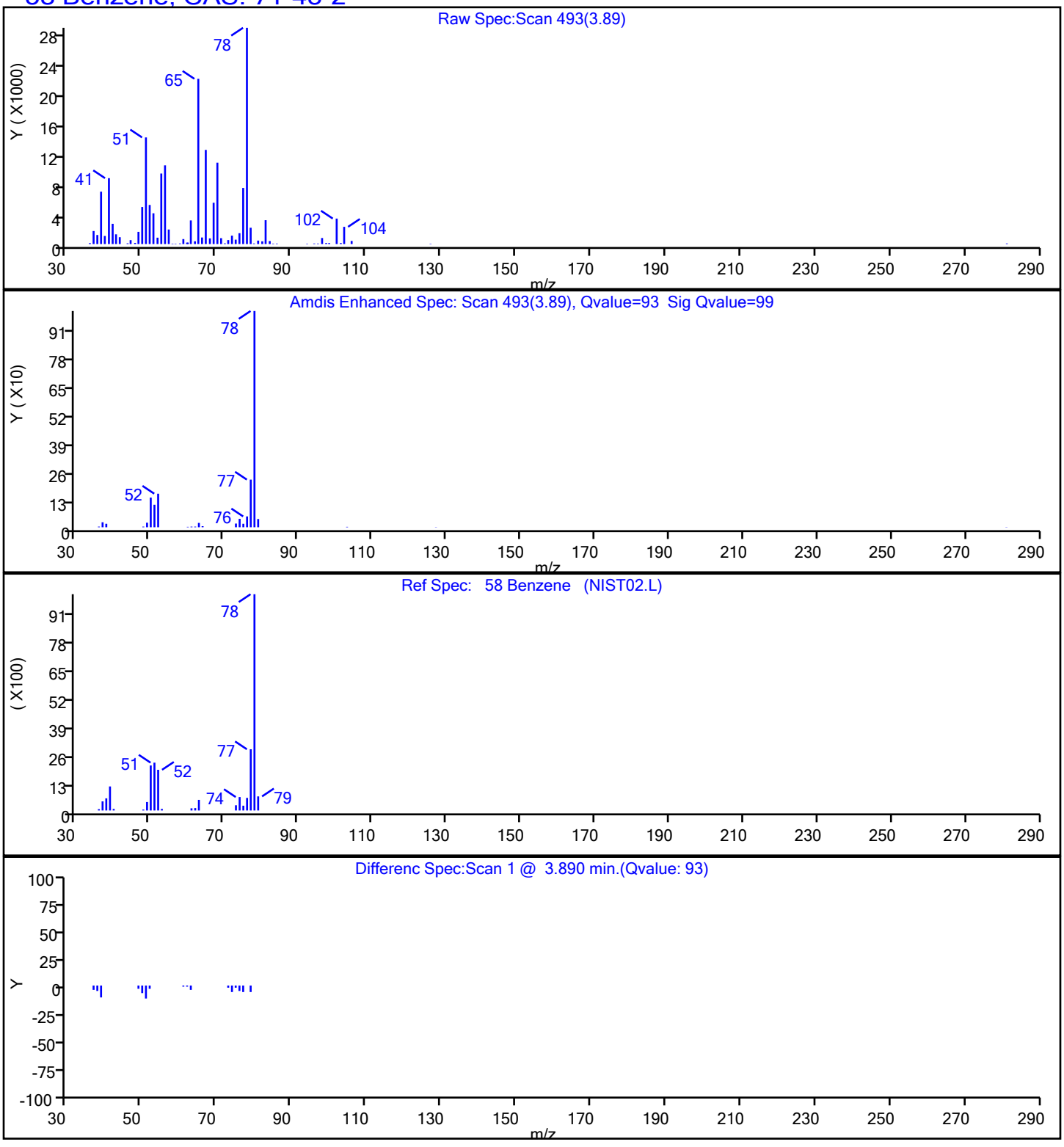
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4
Client ID:	NL-MW-DUP_20250218		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

58 Benzene, CAS: 71-43-2



Report Date: 24-Feb-2025 14:02:28 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date: 23-Feb-2025 09:10:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-4 Lab Sample ID: 460-320734-4

Client ID: NL-MW-DUP_20250218

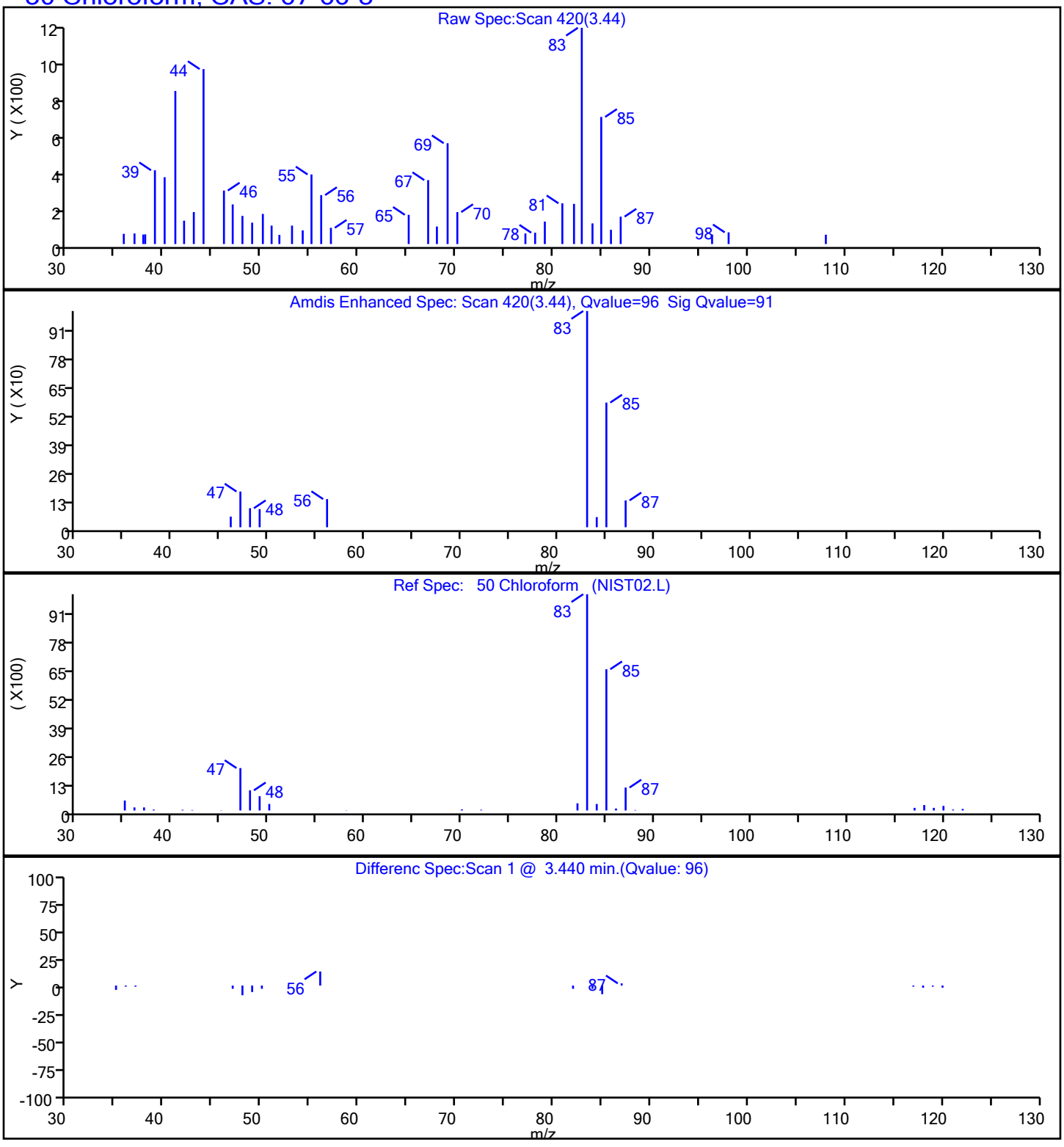
Operator ID: ALS Bottle#: 12 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chloroform, CAS: 67-66-3



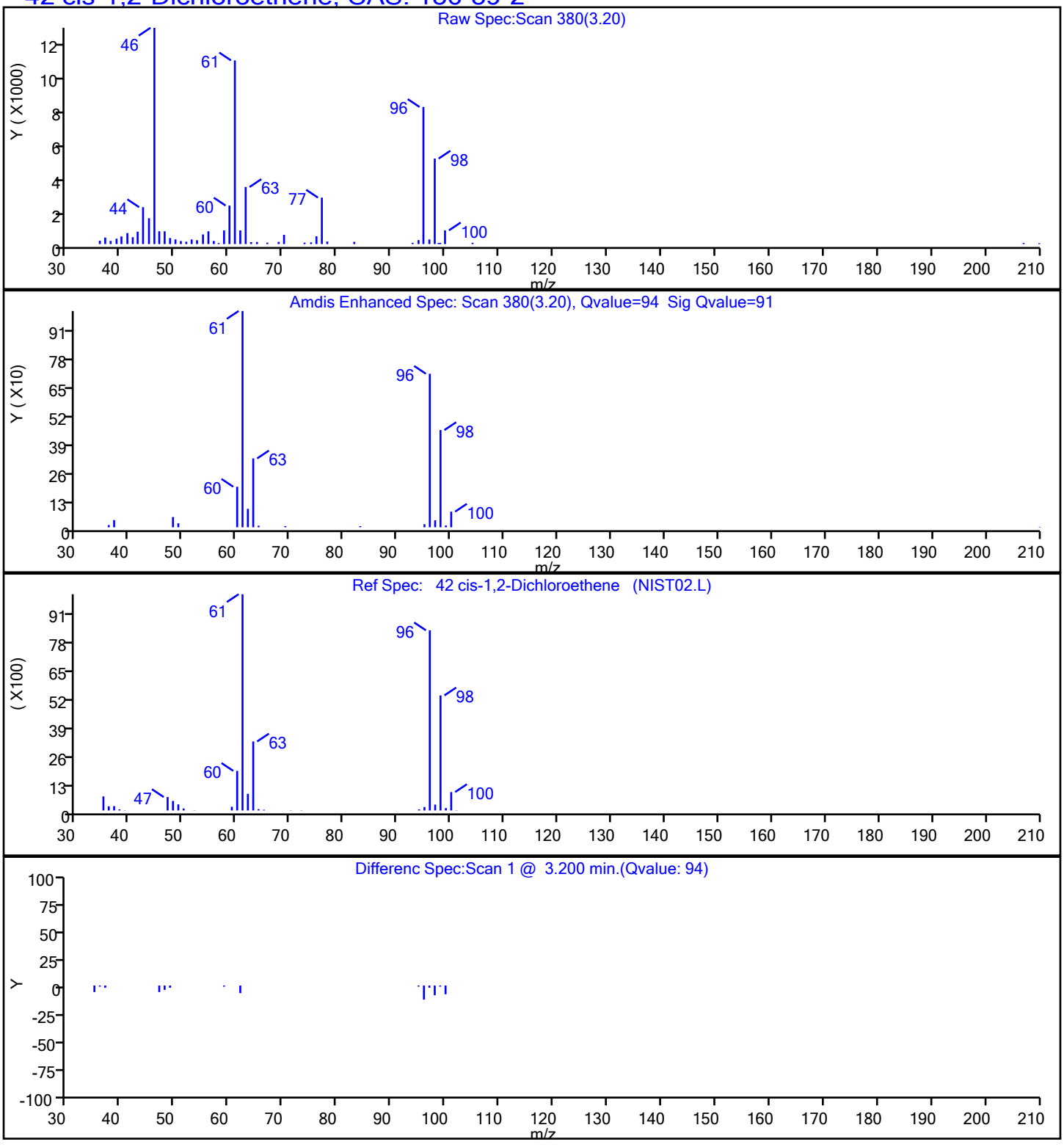
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4
Client ID:	NL-MW-DUP_20250218		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2



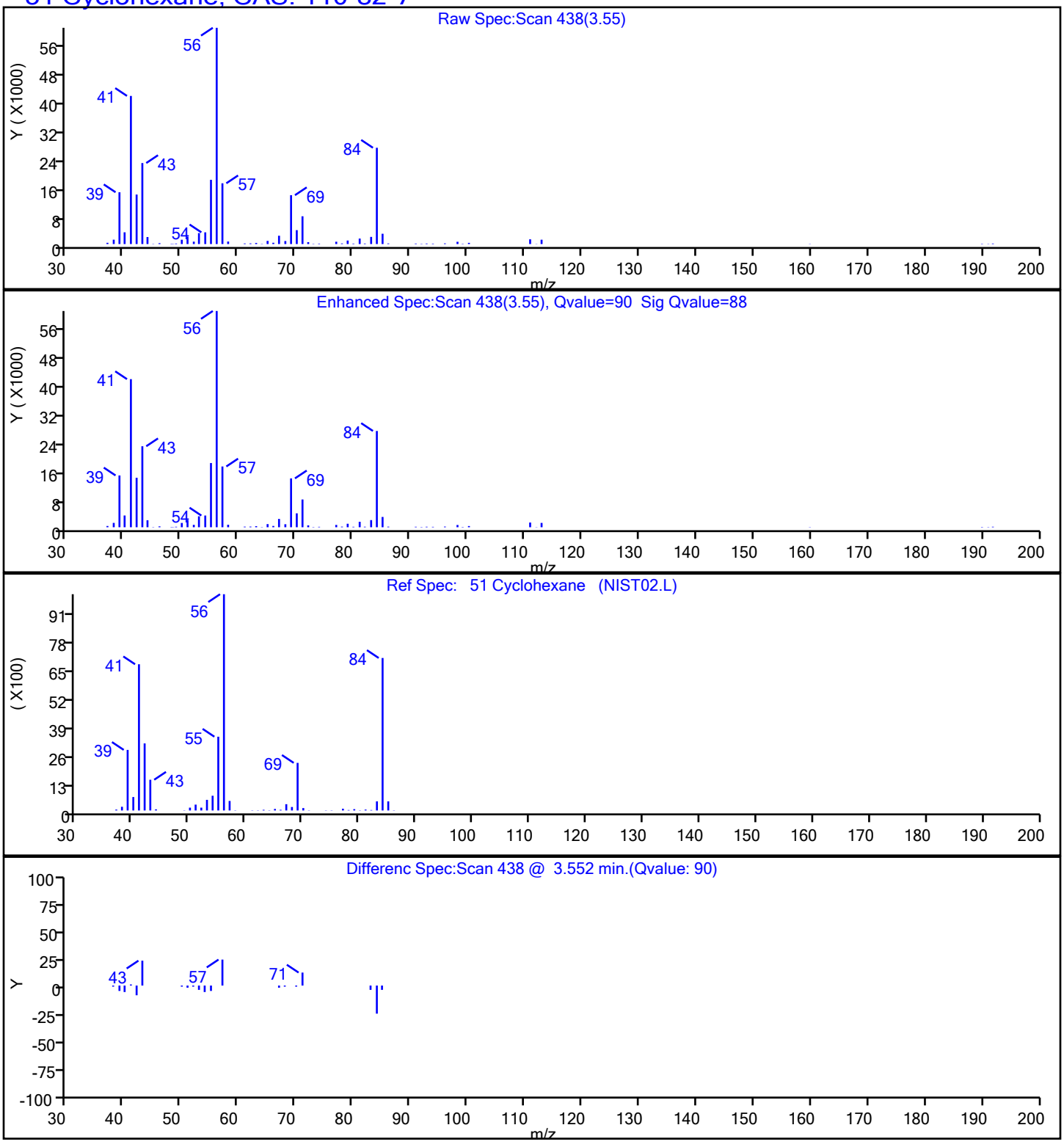
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

51 Cyclohexane, CAS: 110-82-7



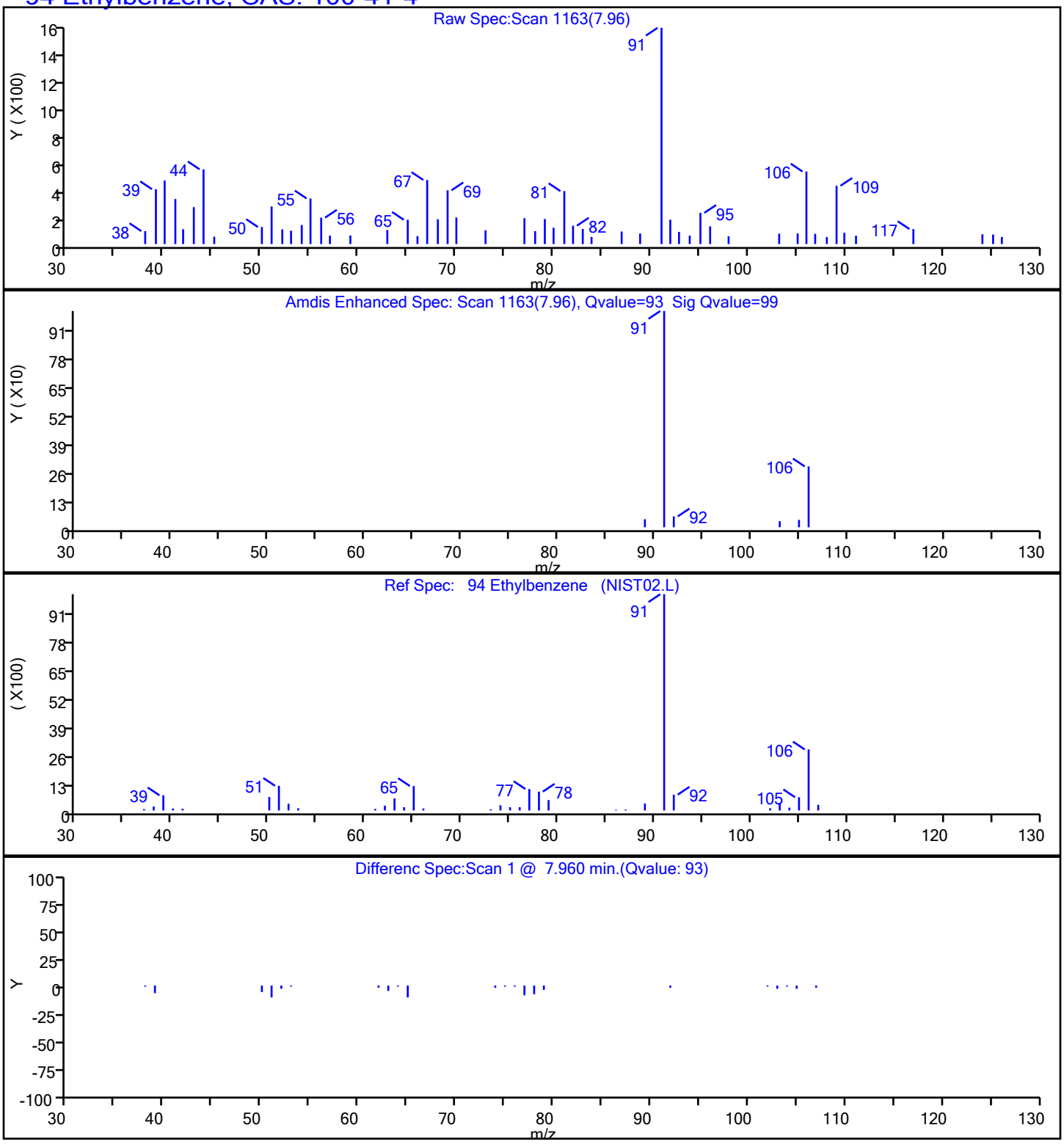
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Eurofins Edison

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Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

94 Ethylbenzene, CAS: 100-41-4



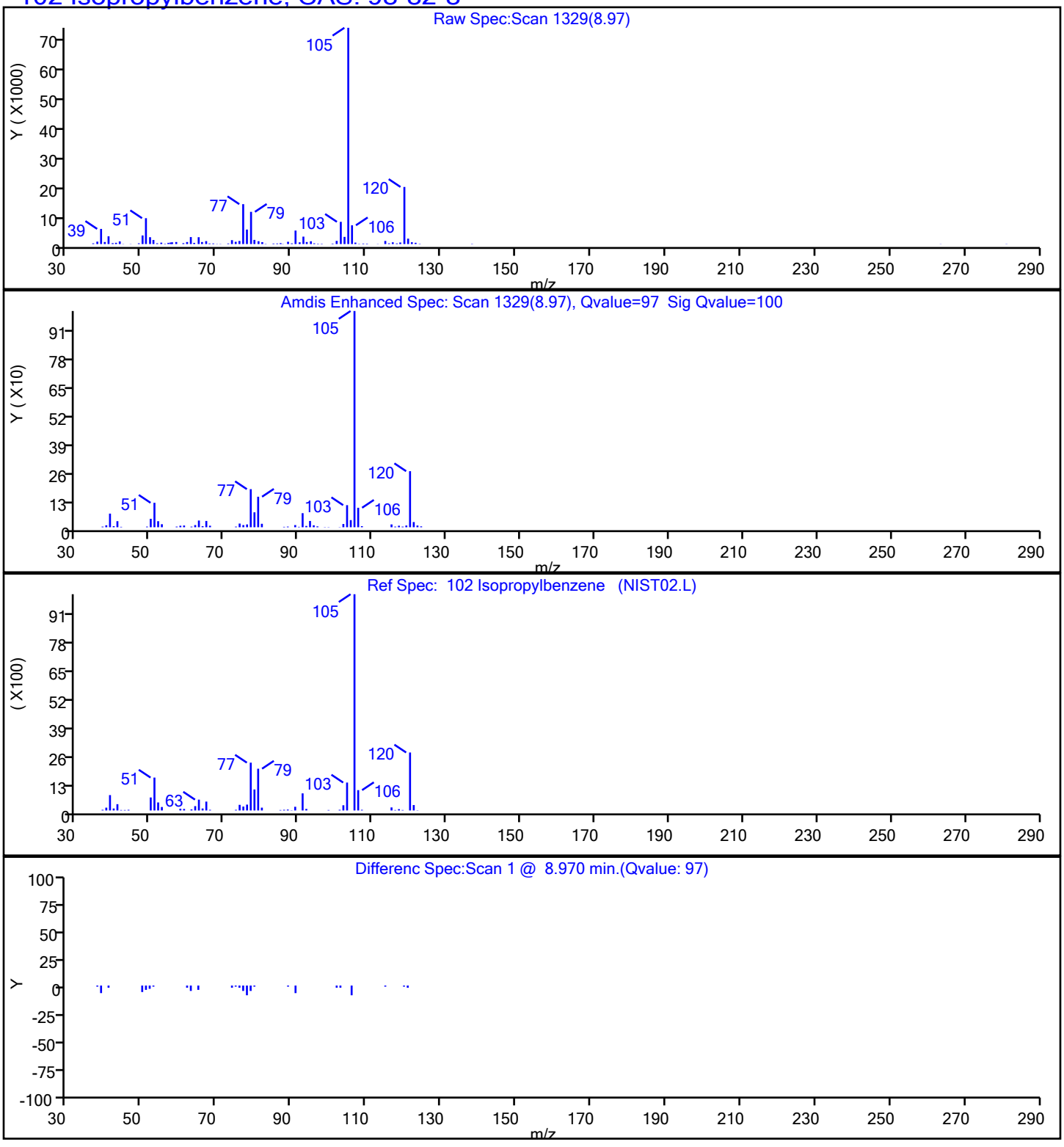
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

102 Isopropylbenzene, CAS: 98-82-8



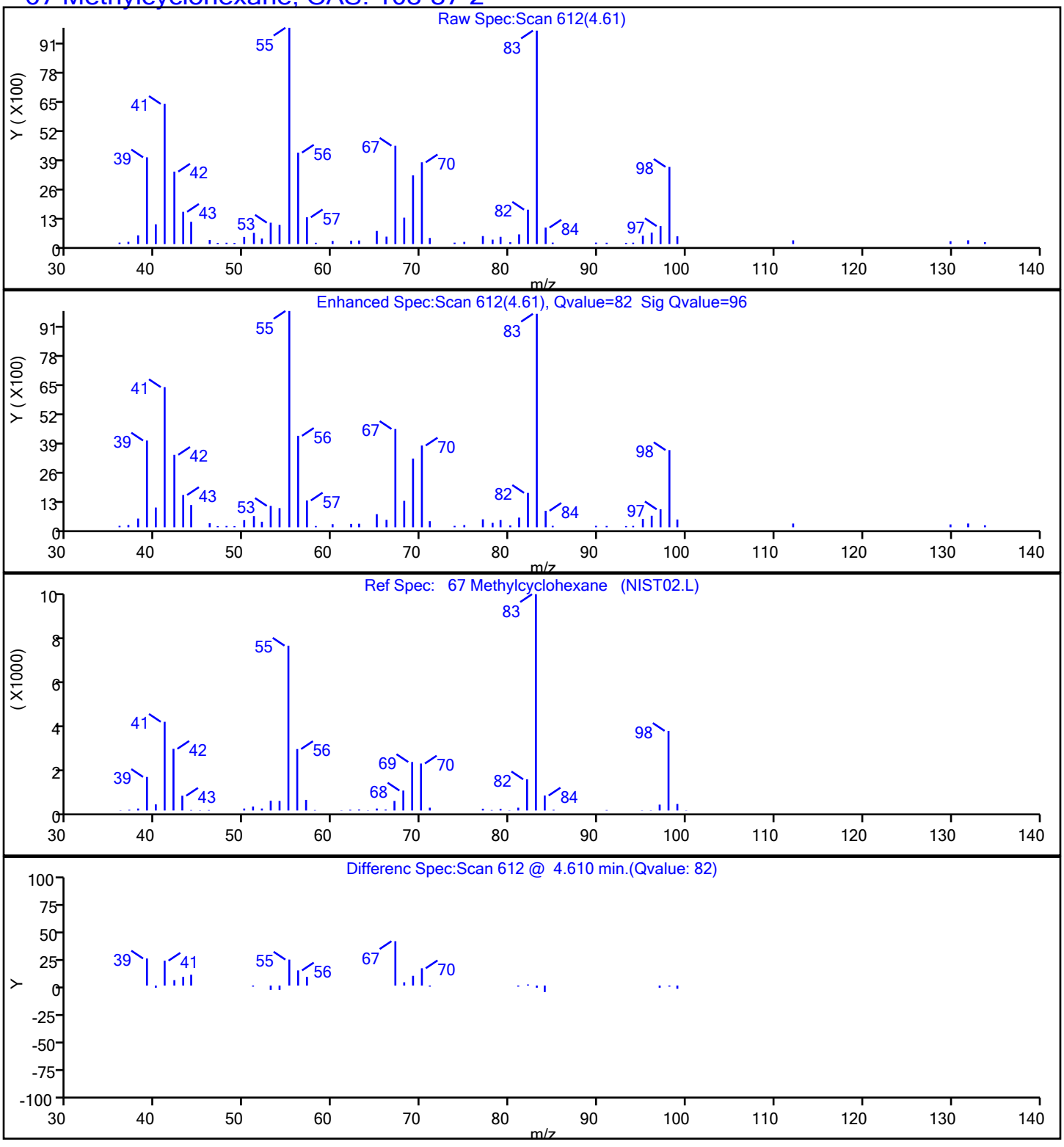
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Eurofins Edison

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Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

67 Methylcyclohexane, CAS: 108-87-2



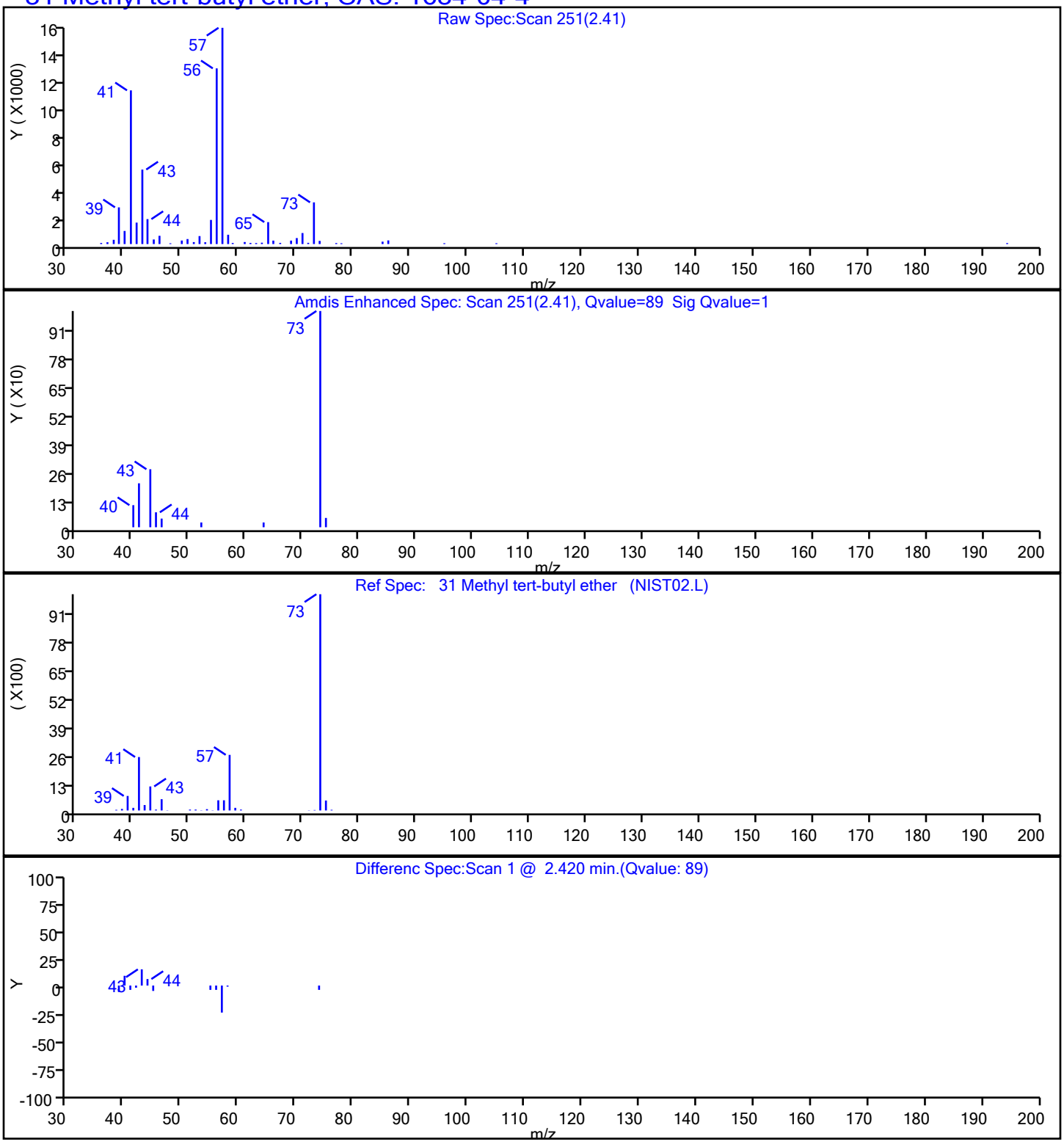
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Eurofins Edison

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Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

31 Methyl tert-butyl ether, CAS: 1634-04-4



Report Date: 24-Feb-2025 14:02:28 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date: 23-Feb-2025 09:10:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-4 Lab Sample ID: 460-320734-4

Client ID: NL-MW-DUP_20250218

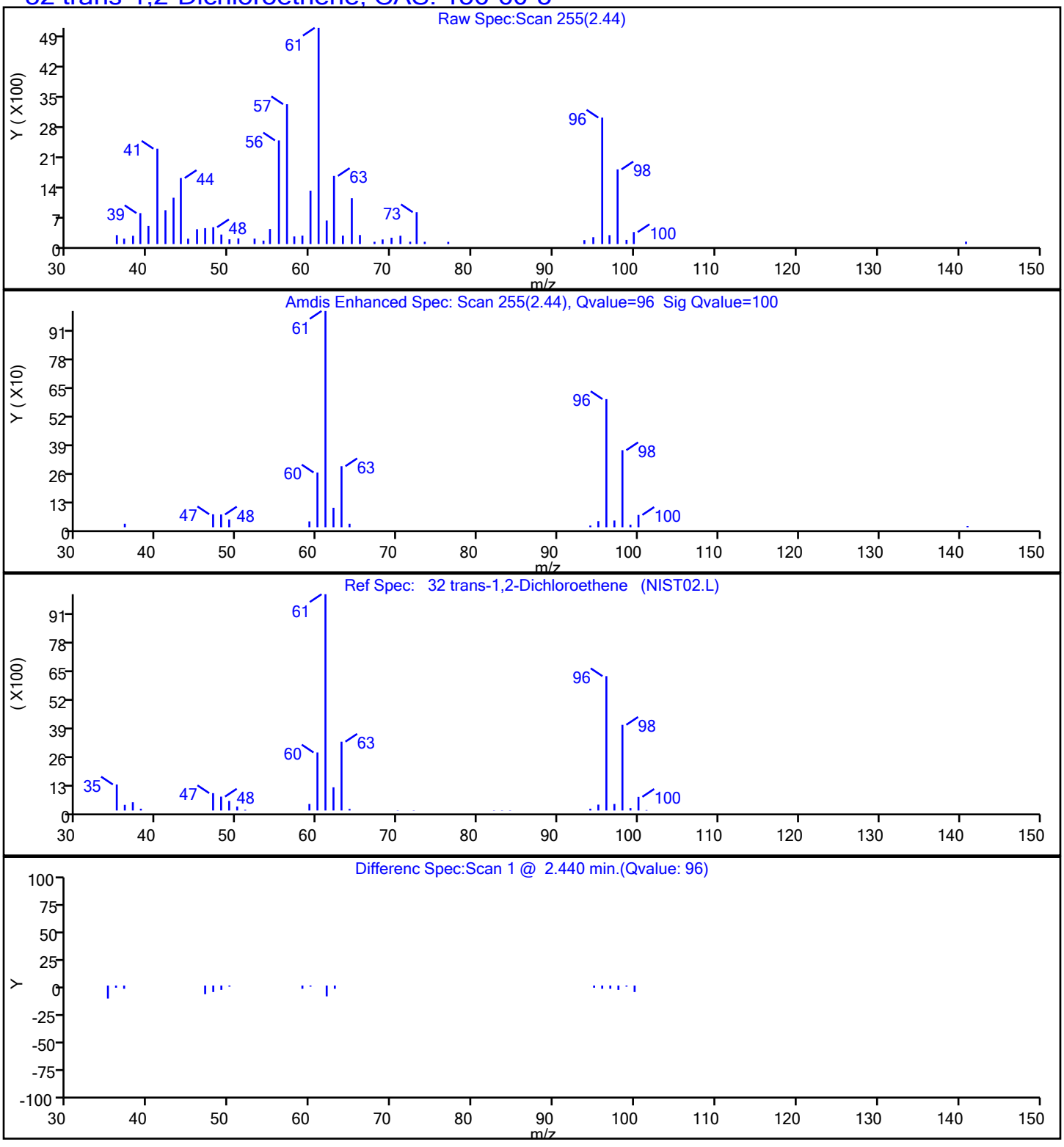
Operator ID: ALS Bottle#: 12 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 trans-1,2-Dichloroethene, CAS: 156-60-5



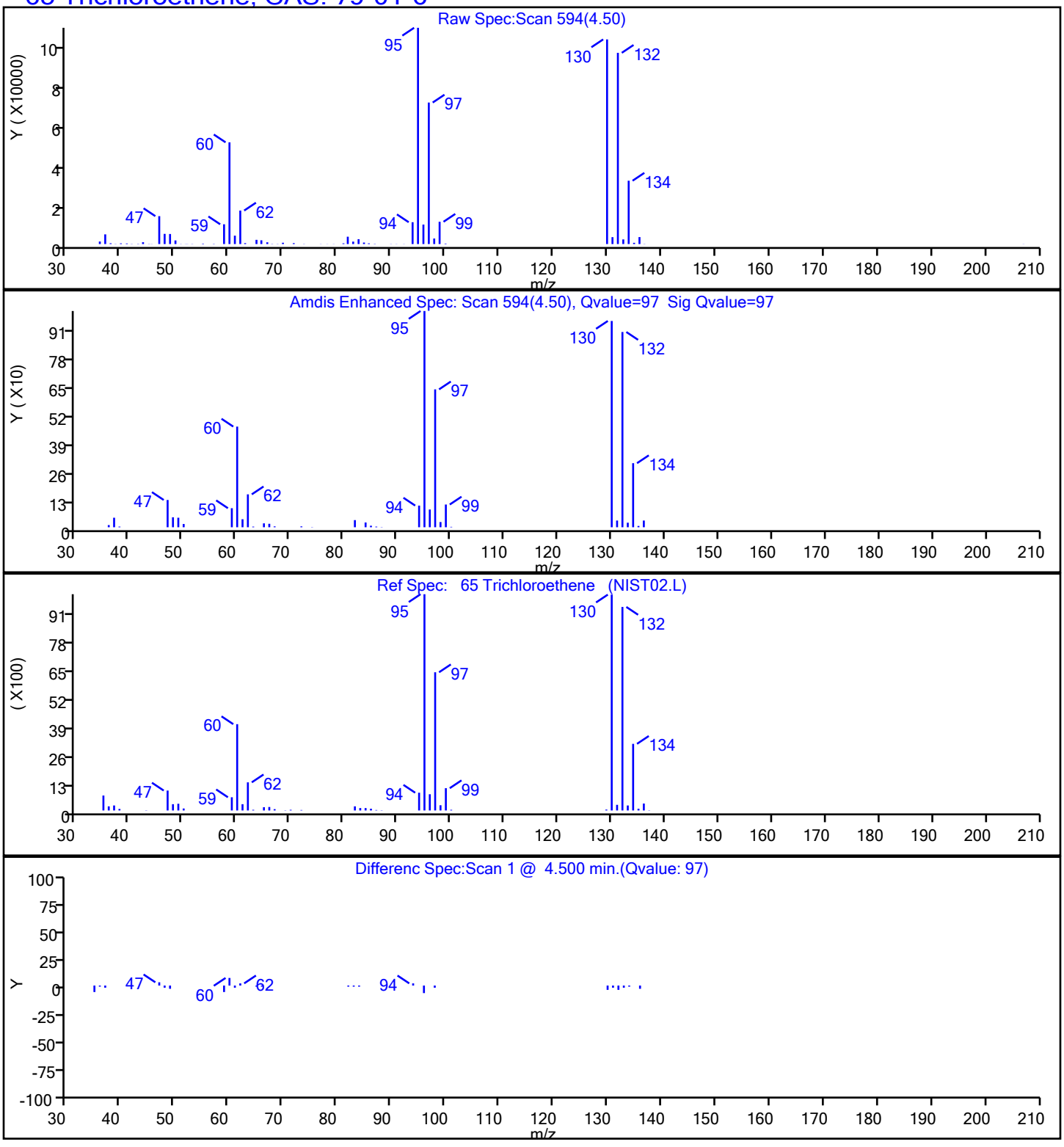
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Eurofins Edison

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Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

65 Trichloroethene, CAS: 79-01-6



Report Date: 24-Feb-2025 14:02:28 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D

Injection Date: 23-Feb-2025 09:10:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-A-4 Lab Sample ID: 460-320734-4

Client ID: NL-MW-DUP_20250218

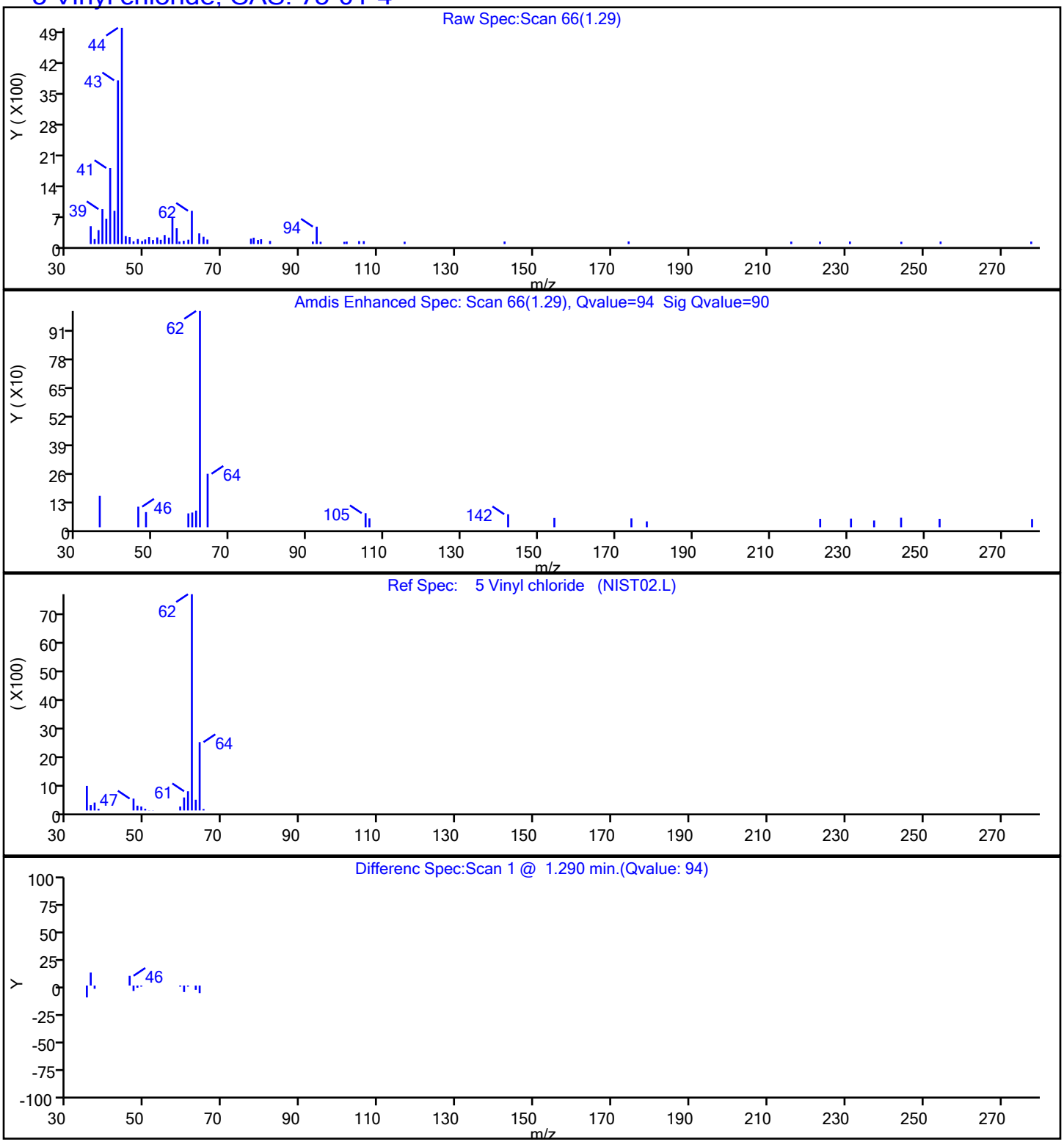
Operator ID: ALS Bottle#: 12 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Vinyl chloride, CAS: 75-01-4



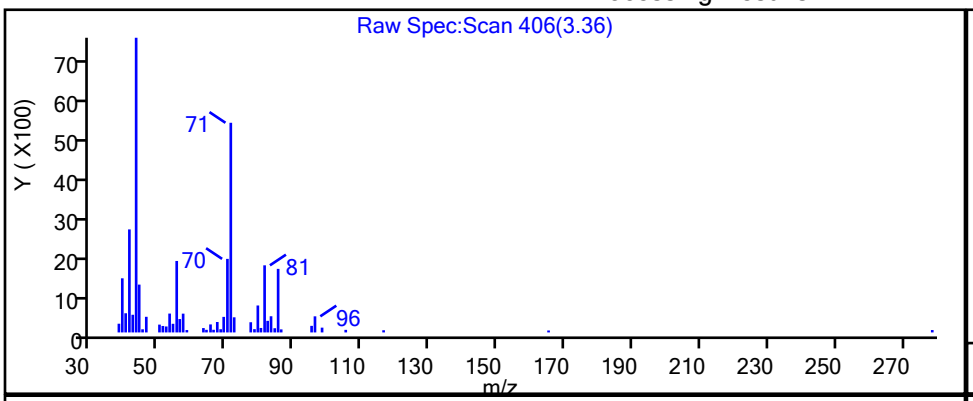
User Disabled Compound Report

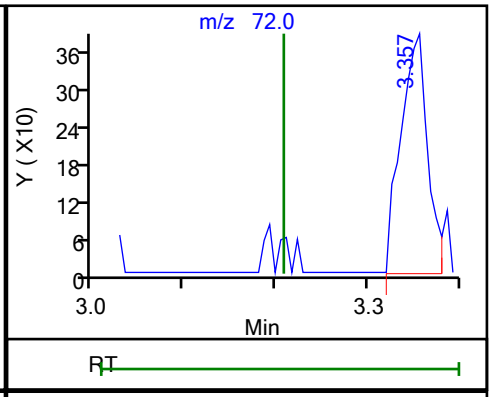
Eurofins Edison

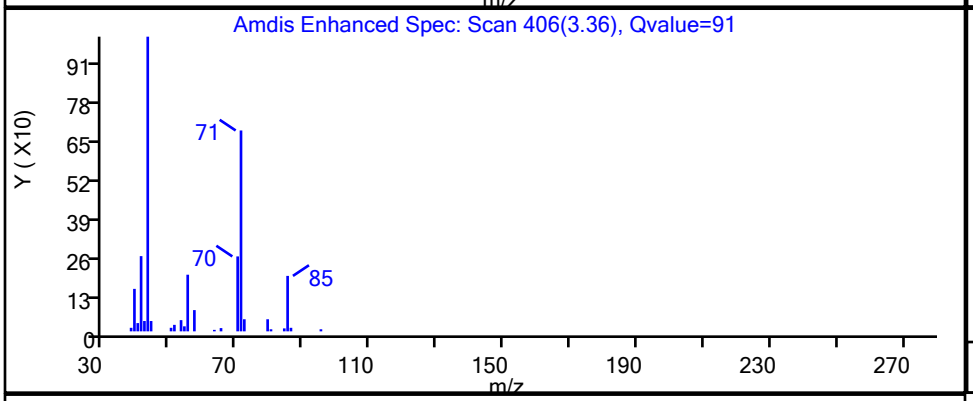
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D				
Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

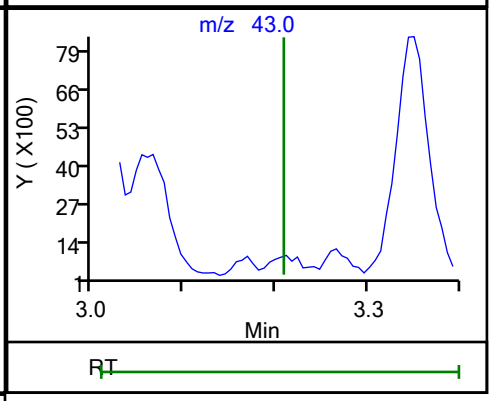
43 2-Butanone (MEK), CAS: 78-93-3

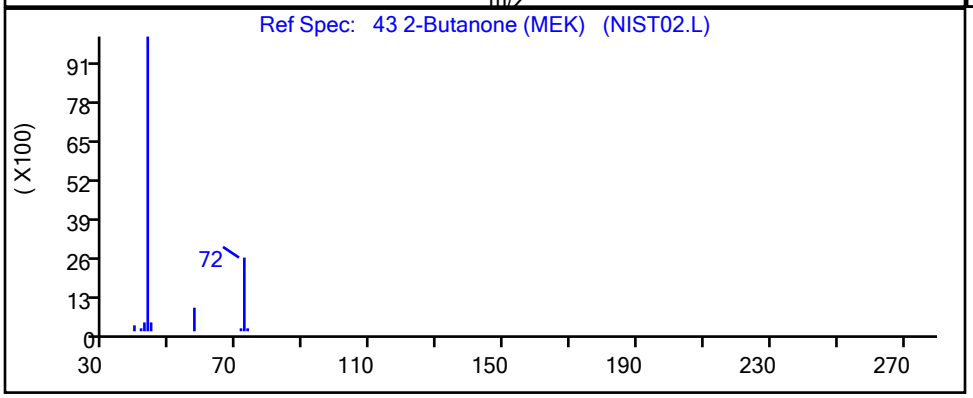
Processing Results











RT	Mass	Response	Amount
3.36	72.00	792	4.479840
3.35	43.00	20415	

Reviewer: NN6A, 24-Feb-2025 12:41:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

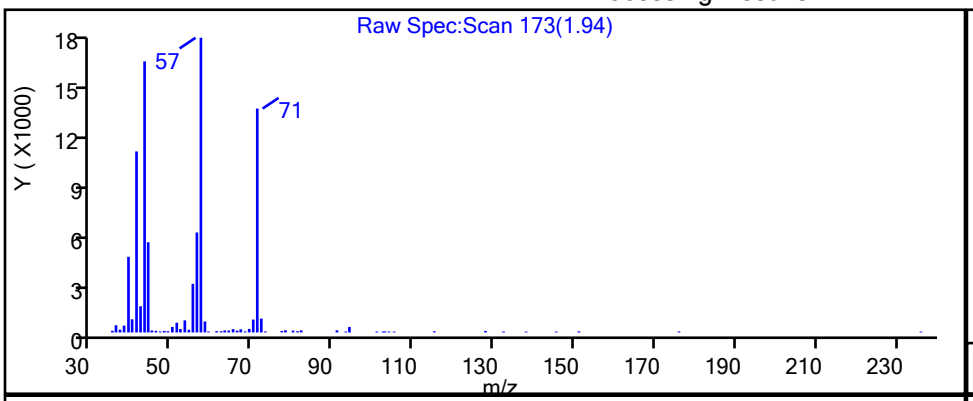
User Disabled Compound Report

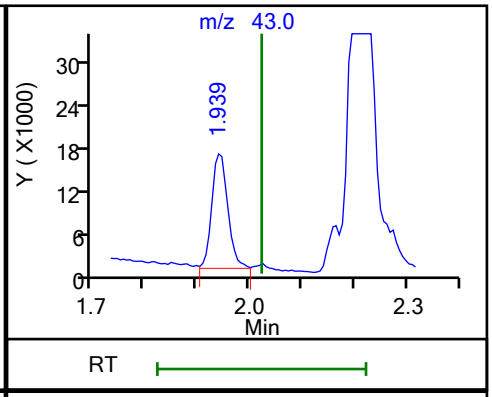
Eurofins Edison

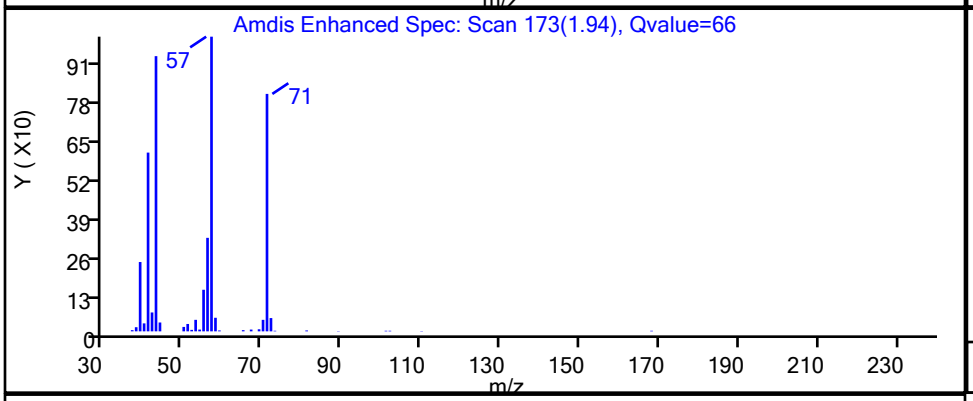
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D				
Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

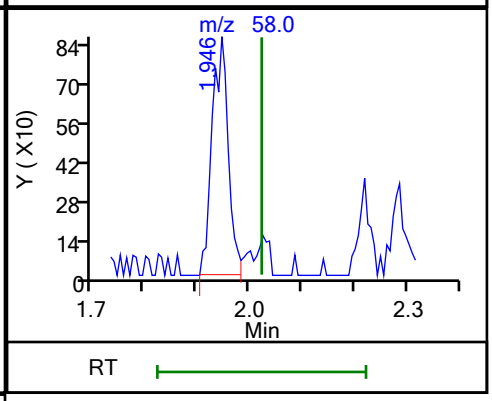
20 Acetone, CAS: 67-64-1

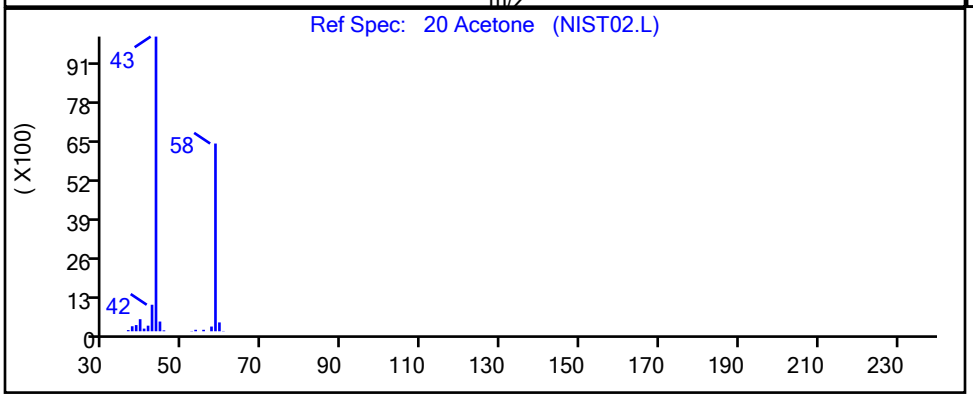
Processing Results











RT	Mass	Response	Amount
1.94	43.00	33075	49.490633
1.95	58.00	1869	

Reviewer: NN6A, 24-Feb-2025 12:41:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

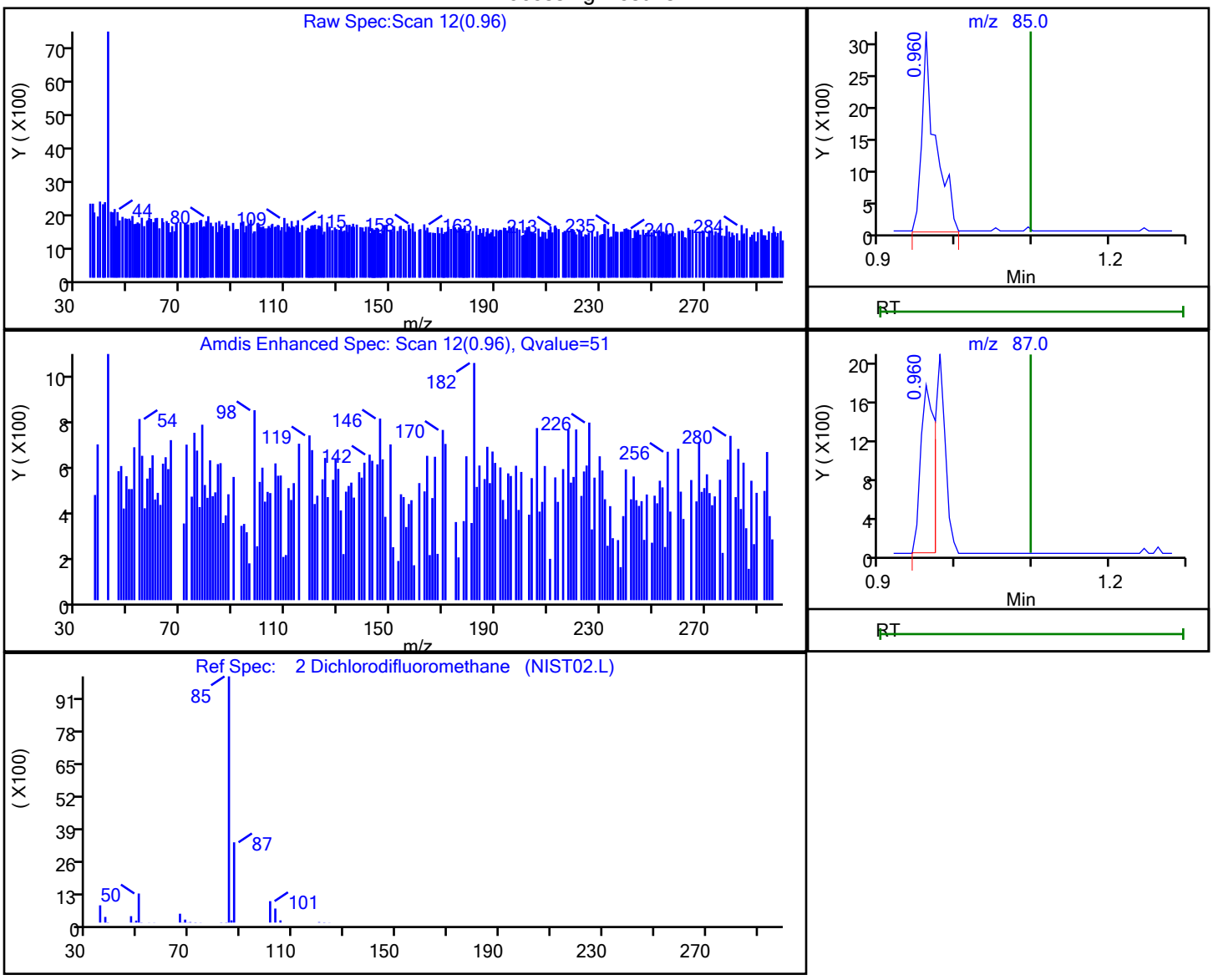
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13326.D				
Injection Date:	23-Feb-2025 09:10:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-A-4	Lab Sample ID:	460-320734-4		
Client ID:	NL-MW-DUP_20250218				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.96	85.00	3919	0.996420
0.96	87.00	2202	

Reviewer: NN6A, 24-Feb-2025 12:41:10 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20250218 | Lab Sample ID: 460-320734-5

Matrix: Water | Lab File ID: J13327.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	J	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.61	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20250218 | Lab Sample ID: 460-320734-5

Matrix: Water | Lab File ID: J13327.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	0.074	U	0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13327.D
Lims ID: 460-320734-B-5
Client ID: NL-MW-TB-01_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 09:33:30 ALS Bottle#: 13 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-B-6
Misc. Info.: 460-0187187-016
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:42:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50	1.222	1.219	0.003	99	2316	0.6052	
20 Acetone	43	2.019	2.022	-0.003	66	2595	4.44	
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	76	143194	1000.0	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	86	166217	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	95	108221	52.2	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.905	3.902	0.003	0	104276	51.2	
* 64 Fluorobenzene	96	4.161	4.157	0.003	98	414440	50.0	
* 70 1,4-Dioxane-d8	96	4.860	4.857	0.003	0	11954	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.846	5.842	0.004	98	234595	50.6	
* 92 Chlorobenzene-d5	117	7.805	7.801	0.003	87	193180	50.0	
$ 103 4-Bromofluorobenzene	174	9.179	9.176	0.003	90	58175	50.5	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	97	127854	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

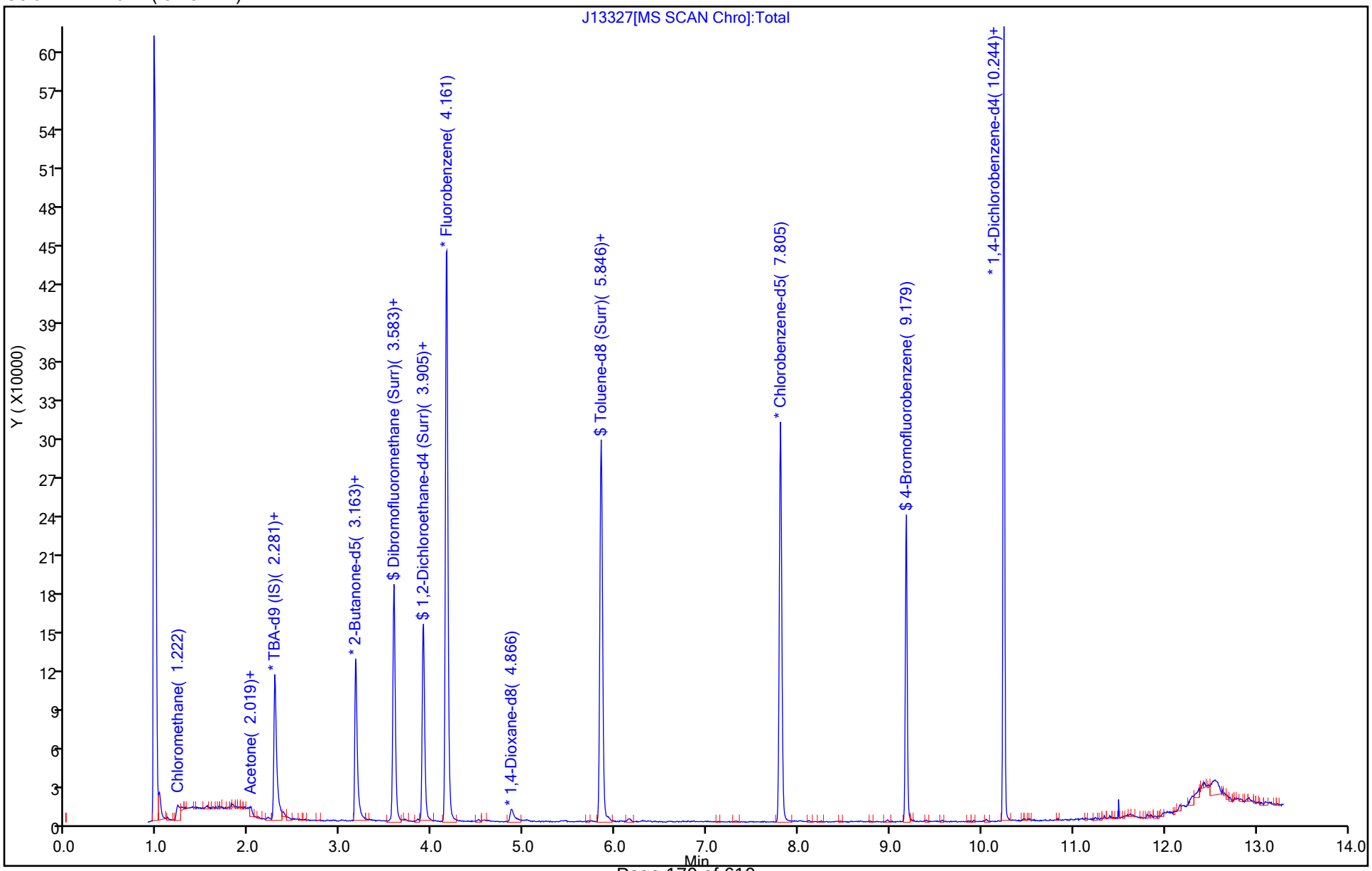
Report Date: 24-Feb-2025 14:02:32 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13327.D

Injection Date:	23-Feb-2025 09:33:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-320734-B-5	Lab Sample ID:	460-320734-5	Worklist Smp#:	16
Client ID:	NL-MW-TB-01_20250218				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:02:32 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13327.D
Lims ID: 460-320734-B-5
Client ID: NL-MW-TB-01_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 09:33:30 ALS Bottle#: 13 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-B-6
Misc. Info.: 460-0187187-016
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:42:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	52.2	104.43
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.46
$ 81 Toluene-d8 (Surr)	50.0	50.6	101.15
$ 103 4-Bromofluorobenzene	50.0	50.5	100.93

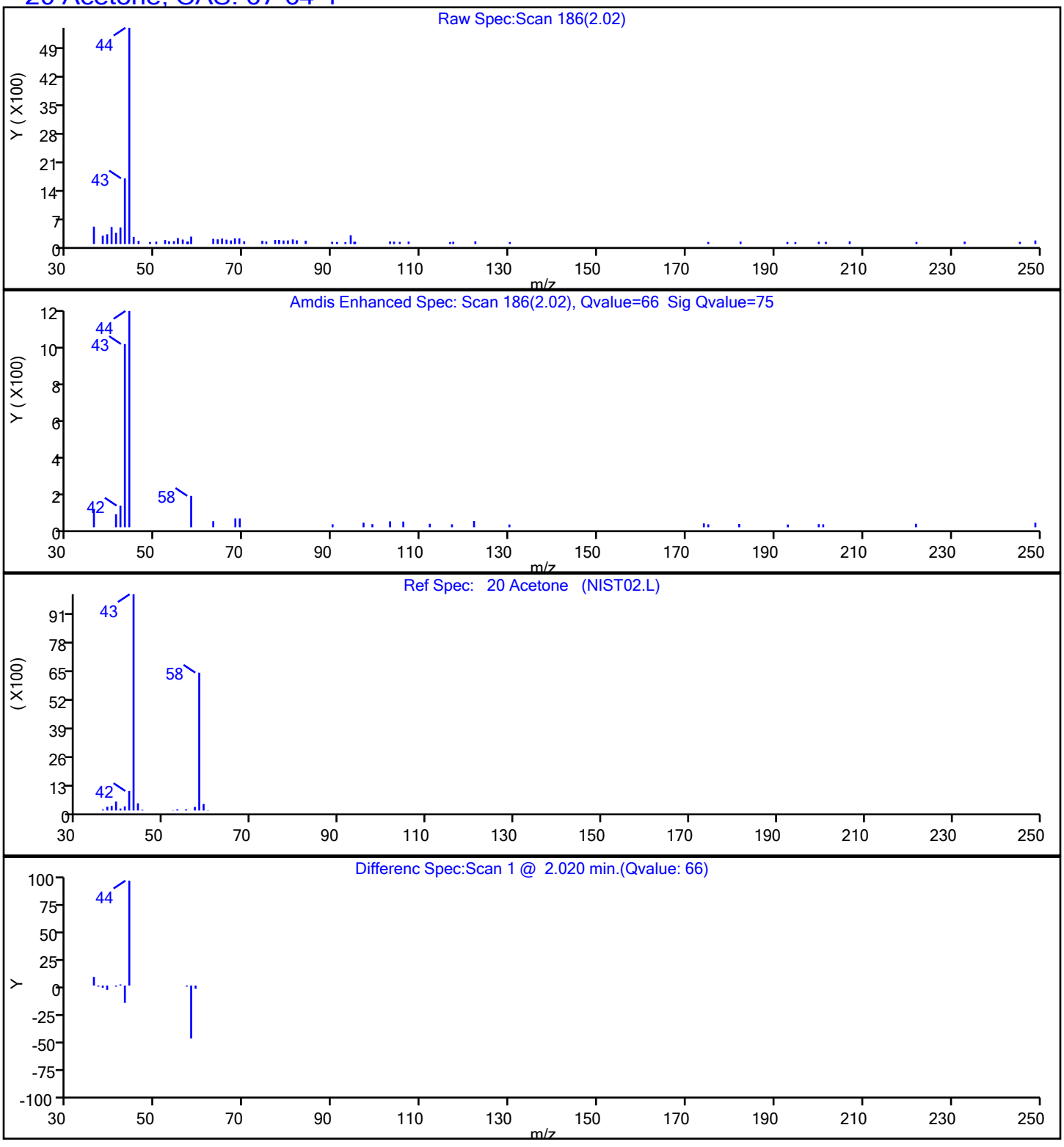
Report Date: 24-Feb-2025 14:02:32 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13327.D

Injection Date:	23-Feb-2025 09:33:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-B-5	Lab Sample ID:	460-320734-5		
Client ID:	NL-MW-TB-01_20250218				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

20 Acetone, CAS: 67-64-1



Report Date: 24-Feb-2025 14:02:32 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13327.D

Injection Date: 23-Feb-2025 09:33:30 Instrument ID: CVOAMS8

Lims ID: 460-320734-B-5 Lab Sample ID: 460-320734-5

Client ID: NL-MW-TB-01_20250218

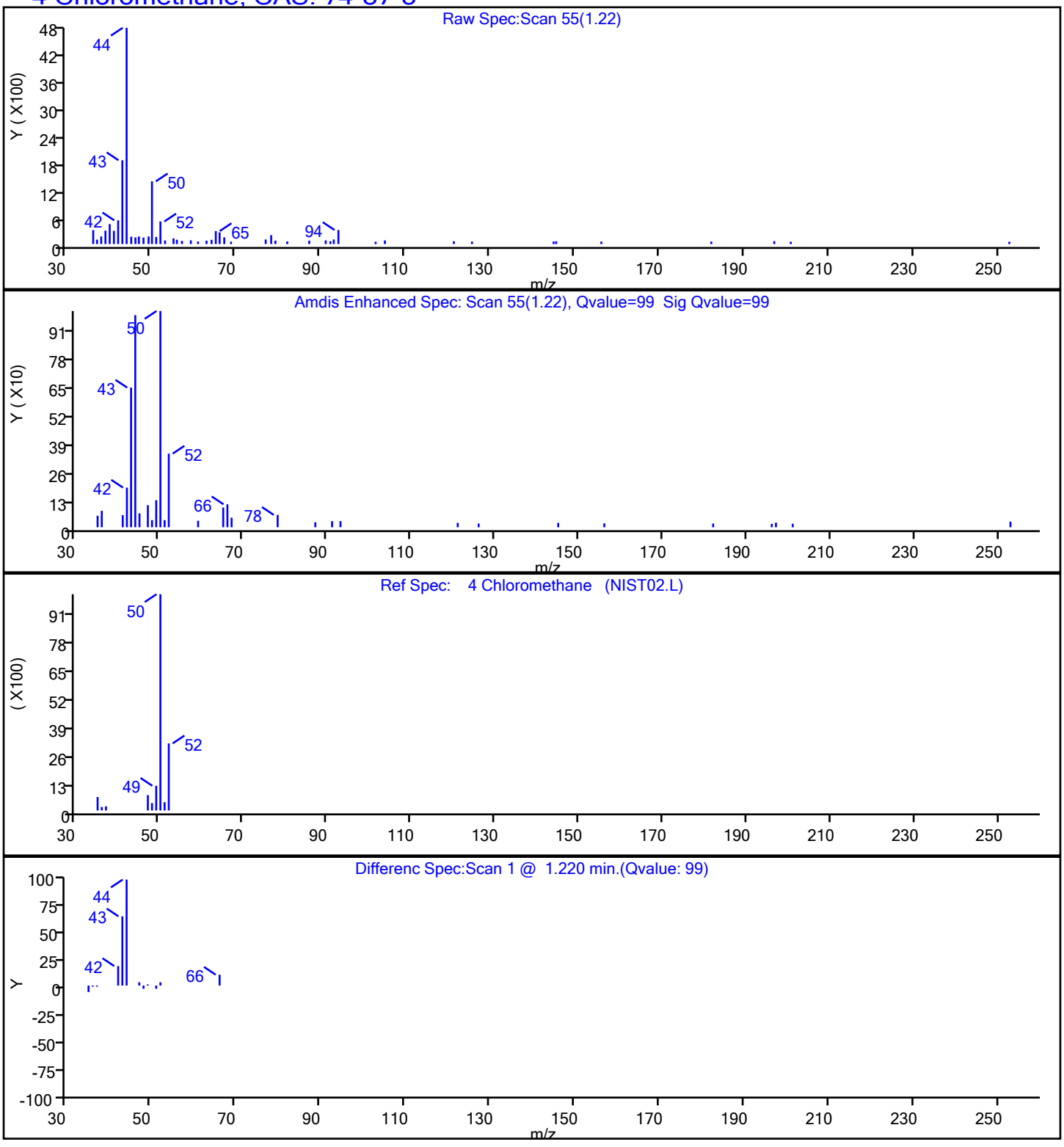
Operator ID: ALS Bottle#: 13 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Chloromethane, CAS: 74-87-3



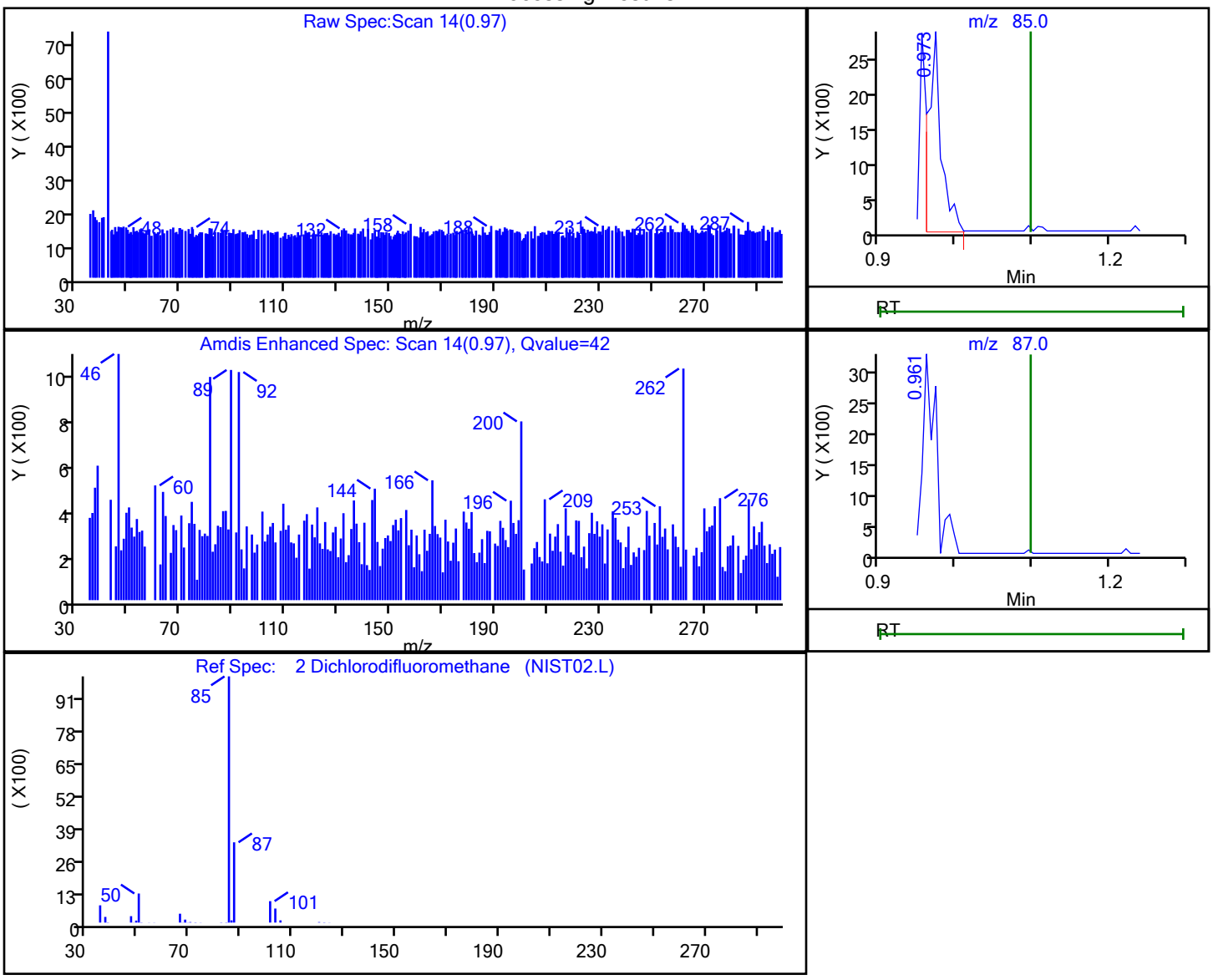
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13327.D				
Injection Date:	23-Feb-2025 09:33:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-B-5	Lab Sample ID:	460-320734-5		
Client ID:	NL-MW-TB-01_20250218				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.97	85.00	3203	0.933076
0.96	87.00	3409	

Reviewer: NN6A, 24-Feb-2025 12:42:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20250218 | Lab Sample ID: 460-320734-6

Matrix: Water | Lab File ID: J13328.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20250218 | Lab Sample ID: 460-320734-6

Matrix: Water | Lab File ID: J13328.D

Analysis Method: 8260D | Date Collected: 02/18/2025 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	0.074	U	0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	108		80-120

Report Date: 24-Feb-2025 14:02:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13328.D
Lims ID: 460-320734-B-6
Client ID: NL-MW-FB-01_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 09:55:30 ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320705-B-1
Misc. Info.: 460-0187187-017
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:43:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.280	2.277	0.003	75	131221	1000.0	
* 40 2-Butanone-d5	46	3.162	3.160	0.002	86	162818	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.579	0.003	95	108508	53.6	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.904	3.902	0.002	0	102772	51.7	
* 64 Fluorobenzene	96	4.160	4.157	0.003	98	404855	50.0	
* 70 1,4-Dioxane-d8	96	4.871	4.857	0.014	0	12893	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.845	5.842	0.003	98	246960	53.9	
* 92 Chlorobenzene-d5	117	7.804	7.801	0.003	88	190977	50.0	
$ 103 4-Bromofluorobenzene	174	9.179	9.176	0.003	89	59792	52.5	
* 119 1,4-Dichlorobenzene-d4	152	10.243	10.241	0.002	96	126427	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

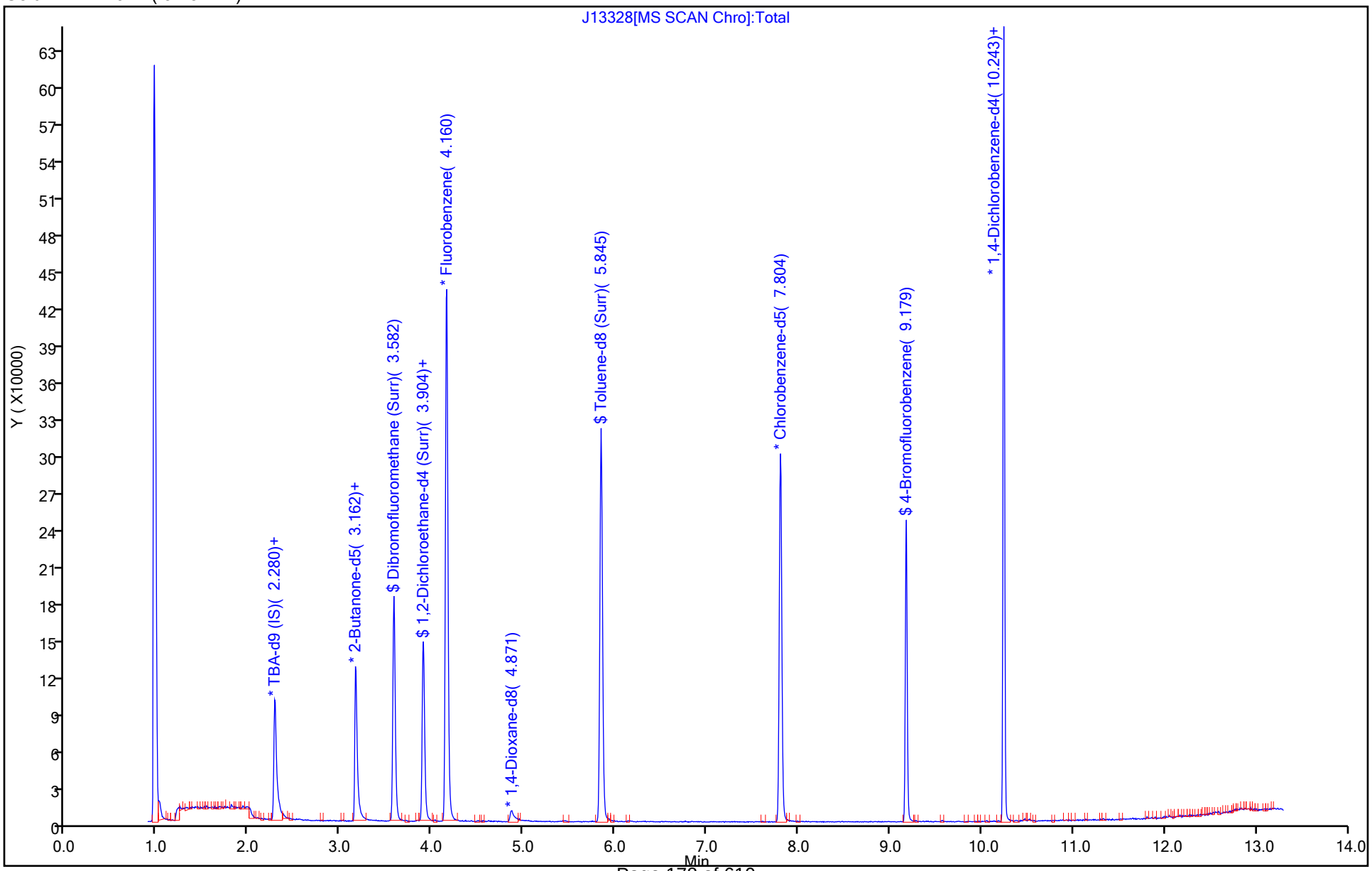
Report Date: 24-Feb-2025 14:02:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13328.D

Injection Date:	23-Feb-2025 09:55:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-320734-B-6	Lab Sample ID:	460-320734-6	Worklist Smp#:	17
Client ID:	NL-MW-FB-01_20250218				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:02:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13328.D
Lims ID: 460-320734-B-6
Client ID: NL-MW-FB-01_20250218
Sample Type: Client
Inject. Date: 23-Feb-2025 09:55:30 ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320705-B-1
Misc. Info.: 460-0187187-017
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 12:43:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	53.6	107.18
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.37
$ 81 Toluene-d8 (Surr)	50.0	53.9	107.71
$ 103 4-Bromofluorobenzene	50.0	52.5	104.93

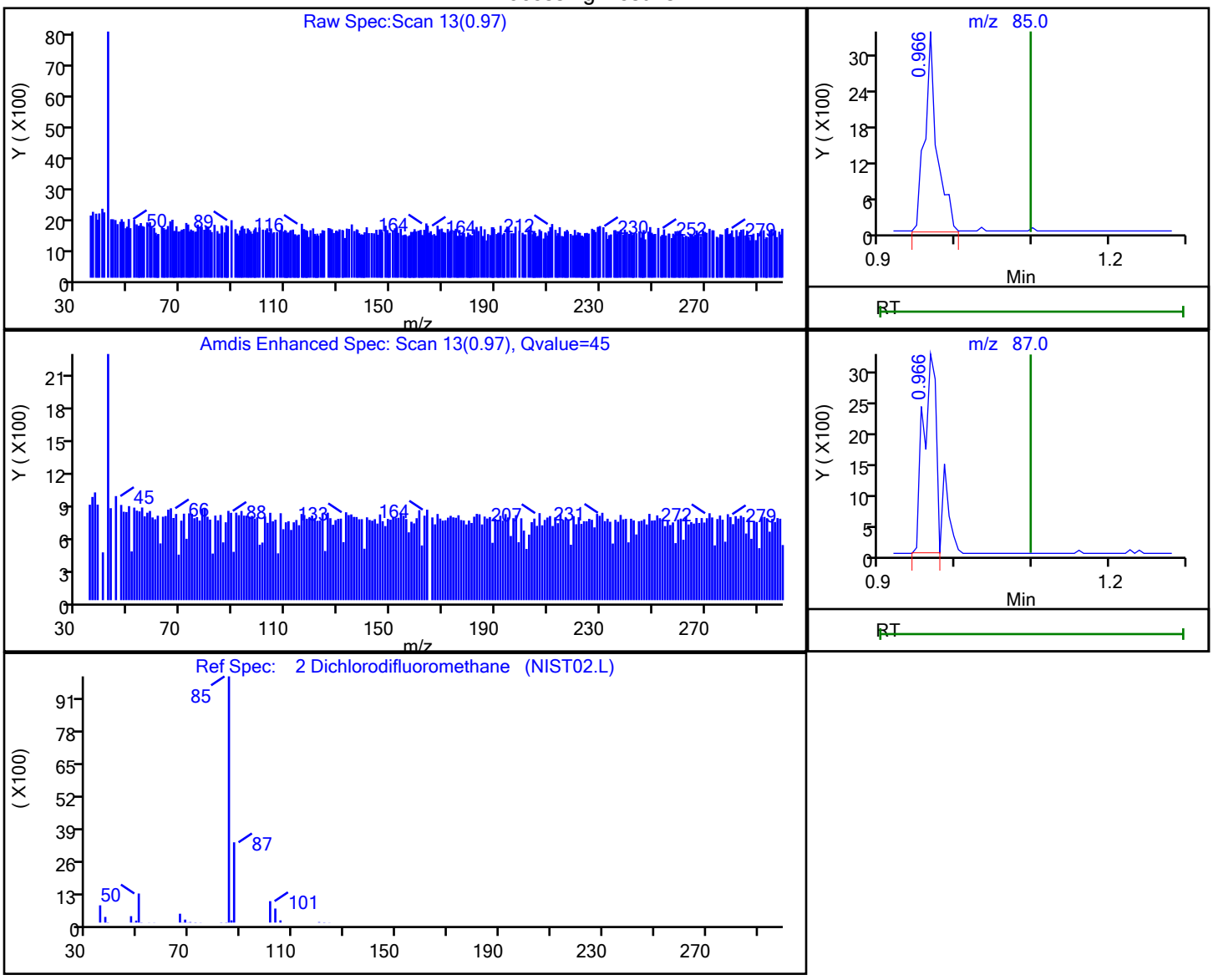
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13328.D				
Injection Date:	23-Feb-2025 09:55:30	Instrument ID:	CVOAMS8		
Lims ID:	460-320734-B-6	Lab Sample ID:	460-320734-6		
Client ID:	NL-MW-FB-01_20250218				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.97	85.00	3718	1.108745
0.97	87.00	3804	

Reviewer: NN6A, 24-Feb-2025 12:43:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1022525/4	J13298.D
Level 2	STD8 460-1022525/3	J13297.D
Level 3	STD1 460-1022525/5	J13299.D
Level 4	STD5 460-1022525/6	J13300.D
Level 5	STD20 460-1022525/7	J13301.D
Level 6	STD50 460-1022525/8	J13302.D
Level 7	STD200 460-1022525/9	J13303.D
Level 8	STD500 460-1022525/10	J13304.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0300	+++++ 0.0286	0.0294 0.0267	0.0284	0.0328	Ave		0.0293				7.0		20.0			
Dichlorodifluoromethane	+++++ 0.4179	+++++ 0.4866	0.3782 0.4397	0.3212	0.4413	Ave		0.4141			0.1000	13.9		20.0			
Chlorodifluoromethane	+++++ 0.0576	+++++ 0.0540	0.0604 0.0495	0.0585	0.0587	Ave		0.0564				7.1		20.0			
Chloromethane	+++++ 0.4572	+++++ 0.4460	0.5357 0.4013	0.4617	0.4682	Ave		0.4617			0.1000	9.4		20.0			
Vinyl chloride	+++++ 0.3544	+++++ 0.3499	0.3650 0.3115	0.3172	0.3727	Ave		0.3451			0.1000	7.3		20.0			
Butadiene	0.2018 0.3397	+++++ 0.3431	0.3012 0.2946	0.2946	0.3571	Ave		0.3046				17.1		20.0			
Bromomethane	+++++ 0.2286	+++++ 0.2202	0.3074 0.1696	0.2691	0.2617	Ave		0.2428			0.1000	19.6		20.0			
Chloroethane	+++++ 0.1851	+++++ 0.1802	0.2105 0.1399	0.1899	0.1977	Ave		0.1839			0.1000	13.1		20.0			
Dichlorofluoromethane	+++++ 0.6074	+++++ 0.5678	0.6444 0.4724	0.5955	0.6378	Ave		0.5875				10.7		20.0			
Trichlorofluoromethane	+++++ 0.3828	+++++ 0.3730	0.3558 0.3097	0.3307	0.4197	Ave		0.3619			0.1000	10.8		20.0			
Pentane	+++++ 0.5022	+++++ 0.4370	0.5612 0.3517	0.4466	0.5838	Ave		0.4804				18.0		20.0			
Ethanol	+++++ 0.0490	+++++ 0.0472	0.0419 0.0451	0.0400	0.0503	Ave		0.0456				8.9		20.0			
Ethyl ether	+++++ 0.1975	+++++ 0.1757	0.3366 0.1646	0.2352	0.2133	Lin2	0.1529	0.1879							0.9910		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2867	+++++ 0.2680	0.3510 0.2359	0.2749	0.3224	Ave		0.2898				14.2		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2354	+++++ 0.2314	0.2604 0.2058	0.2173	0.2690	Ave		0.2365				10.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4063	+++++ 0.4060	0.5084 0.3615	0.3971	0.4632	Ave		0.4237				12.5		20.0			
Acrolein	+++++ 2.7442	+++++ 2.6891	3.6391 2.5413	3.4550	3.1951	Ave		3.0439				14.8		20.0			
Freon TF	+++++ 0.2884	+++++ 0.2726	0.2731 0.2535	0.2506	0.2993	Ave		0.2729			0.1000	7.0		20.0			
1,1-Dichloroethene	+++++ 0.3461	+++++ 0.3199	0.3695 0.2923	0.3353	0.3417	Ave		0.3341			0.1000	7.8		20.0			
Acetone	+++++ 0.8372	+++++ 0.8775	1.0185 0.7298	0.9681	0.8384	Ave		0.8782			0.0500	11.7		20.0			
Iodomethane	+++++ 0.6952	+++++ 0.6504	0.7634 0.5561	0.7214	0.7034	Ave		0.6816				10.5		20.0			
Isopropyl alcohol	+++++ 0.6568	+++++ 0.6555	0.4966 0.6557	0.6754	0.6341	Ave		0.6291				10.5		20.0			
Carbon disulfide	+++++ 1.3820	+++++ 1.2237	1.5297 1.0169	1.3162	1.3908	Ave		1.3099			0.1000	13.4		20.0			
3-Chloro-1-propene	+++++ 0.2213	+++++ 0.2234	0.2514 0.2070	0.2035	0.2401	Ave		0.2244				8.3		20.0			
Methyl acetate	+++++ 12.313	+++++ 11.821	13.407 10.132	12.935	12.445	Ave		12.176			0.0500	9.4		20.0			
Cyclopentene	+++++ 1.0163	+++++ 0.9447	1.0335 0.8493	0.8918	1.0682	Ave		0.9673				8.9		20.0			
Acetonitrile	+++++ 2.4205	+++++ 2.6009	2.1962 2.0712	2.6166	2.4021	Ave		2.3846				9.1		20.0			
Methylene Chloride	+++++ 0.3965	+++++ 0.3791	0.4851 0.3427	0.4289	0.4043	Ave		0.4061			0.1000	11.9		20.0			
2-Methyl-2-propanol	+++++ 1.0439	+++++ 1.0345	1.1400 1.0012	0.9915	1.0408	Ave		1.0420				5.1		20.0			
MTBE	+++++ 0.8384	+++++ 0.7698	0.8694 0.7134	0.8373	0.8615	Ave		0.8150			0.1000	7.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.3552	+++++ 0.3367	0.3782 0.3094	0.3652	0.3755	Ave		0.3534			0.1000	7.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	5.5976 6.3042	+++++ 6.1957	6.3608 5.2104	7.0329	6.5466	Ave		6.1783				9.8		20.0			
Hexane	+++++ 0.3298	+++++ 0.3199	0.3164 0.3001	0.2955	0.3653	Ave		0.3212				7.8		20.0			
Isopropyl ether	+++++ 1.1005	+++++ 1.0343	1.1718 0.9340	1.1029	1.0983	Ave		1.0737				7.6		20.0			
1,1-Dichloroethane	+++++ 0.6511	+++++ 0.6146	0.6882 0.5700	0.6861	0.6761	Ave		0.6477			0.2000	7.3		20.0			
Vinyl acetate	+++++ 0.4484	+++++ 0.4981	0.2860 0.5040	0.4461	0.5116	Ave		0.4490				18.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2809	+++++ 0.2796	0.2945 0.2670	0.2737	0.2973	Ave		0.2822				4.2		20.0			
Tert-butyl ethyl ether	+++++ 0.9821	+++++ 0.9392	1.0232 0.8814	0.9751	0.9903	Ave		0.9652				5.1		20.0			
2,2-Dichloropropane	+++++ 0.1425	+++++ 0.1381	0.1694 0.1246	0.1450	0.1420	Ave		0.1436				10.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3608	+++++ 0.3413	0.3817 0.3255	0.3848	0.3735	Ave		0.3613			0.1000	6.6		20.0			
Ethyl acetate	+++++ 0.2257	+++++ 0.2245	0.2705 0.2273	0.1891	0.2213	Ave		0.2264				11.5		20.0			
2-Butanone	+++++ 0.2381	+++++ 0.2406	0.2503 0.2235	0.2140	0.2276	Ave		0.2323			0.0500	5.7		20.0			
Methyl acrylate	+++++ 0.1697	+++++ 0.1615	0.1380 0.1735	0.1535	0.1689	Ave		0.1608				8.3		20.0			
Propionitrile	+++++ 1.8734	+++++ 1.9244	1.5046 1.7577	1.8976	1.9109	Ave		1.8114				8.9		20.0			
Chlorobromomethane	+++++ 0.1704	+++++ 0.1668	0.1963 0.1571	0.1784	0.1778	Ave		0.1745				7.6		20.0			
Tetrahydrofuran	+++++ 0.2985	+++++ 0.2923	0.2473 0.2629	0.2812	0.2758	Ave		0.2763				6.9		20.0			
Methacrylonitrile	+++++ 0.0869	+++++ 0.0825	0.0817 0.0801	0.0834	0.0893	Ave		0.0840				4.1		20.0			
Chloroform	+++++ 0.5701	+++++ 0.5500	0.6438 0.5112	0.6043	0.5957	Ave		0.5792			0.2000	8.0		20.0			
Cyclohexane	+++++ 0.4114	+++++ 0.4017	0.3731 0.3541	0.3512	0.4425	Ave		0.3890			0.1000	9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4465	+++++ 0.4490	0.4896 0.3964	0.4271	0.4616	Ave		0.4451			0.1000	7.1		20.0			
Carbon tetrachloride	+++++ 0.3627	+++++ 0.3841	0.3623 0.3534	0.3196	0.3569	Ave		0.3565			0.1000	5.9		20.0			
1,1-Dichloropropene	+++++ 0.4021	+++++ 0.4008	0.4322 0.3913	0.3923	0.4248	Ave		0.4072				4.2		20.0			
Isobutyl alcohol	+++++ 0.8021	+++++ 0.9406	0.3922 0.8473	0.4462	0.6806	QuaF		0.9694	-0.000010						0.9990		0.9900
Isooctane	+++++ 0.9046	+++++ 0.9142	0.7423 0.7874	0.7391	0.9332	Ave		0.8368				10.8		20.0			
Benzene	+++++ 2.0581	2.9489 1.7632	2.5928 1.7055	2.4349	2.2019	Ave		2.2436			0.5000	20.0		20.0			
Isopropyl acetate	+++++ 0.6676	+++++ 0.6360	0.5530 0.6198	0.5253	0.6145	Ave		0.6027				8.8		20.0			
Tert-amyl methyl ether	+++++ 0.2182	+++++ 0.1941	0.2899 0.1925	0.2594	0.2568	Ave		0.2352				16.8		20.0			
1,2-Dichloroethane	+++++ 0.3737	0.4702 0.3534	0.4092 0.3412	0.3944	0.3774	Ave		0.3885			0.1000	11.0		20.0			
n-Heptane	+++++ 0.1242	+++++ 0.1324	0.1075 0.1243	0.1062	0.1273	Ave		0.1203				9.0		20.0			
n-Butanol	+++++ 0.0746	+++++ 0.1558	+++++ 0.2104	+++++	+++++	Ave		0.1469				46.5	*	20.0			
Trichloroethene	+++++ 0.2906	0.3870 0.2889	0.2945 0.2836	0.2938	0.2993	Ave		0.3054			0.2000	11.9		20.0			
Methylcyclohexane	+++++ 0.4713	+++++ 0.4746	0.3928 0.4102	0.3941	0.4888	Ave		0.4386			0.1000	10.1		20.0			
Ethyl acrylate	+++++ 0.5848	+++++ 0.5995	0.3944 0.5606	0.4481	0.5840	Ave		0.5286				16.2		20.0			
1,2-Dichloropropane	+++++ 0.2803	0.2984 0.2861	0.2775 0.2827	0.2733	0.2850	Ave		0.2833			0.1000	2.8		20.0			
Methyl methacrylate	+++++ 0.0356	+++++ 0.0373	0.0273 0.0409	0.0281	0.0333	Ave		0.0337				15.8		20.0			
Dibromomethane	+++++ 0.1787	+++++ 0.1754	0.2023 0.1723	0.1787	0.1843	Ave		0.1819				5.9		20.0			
1,4-Dioxane	+++++ 0.9734	+++++ 0.7572	0.7027 0.7132	0.7760	0.8410	Ave		0.7939				12.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2222	+++++ 0.2409	0.2353 0.2635	0.1649	0.2081	Ave		0.2225				15.2		20.0			
Bromodichloromethane	+++++ 0.3286	0.3277 0.3482	0.3259 0.3397	0.2917	0.3196	Ave		0.3259			0.2000	5.5		20.0			
2-Nitropropane	+++++ 2.0449	+++++ 2.7007	2.6003 2.7868	1.7896	1.8269	Ave		2.2915				19.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1056	+++++ 0.1127	0.0863 0.1244	0.0823	0.0992	Ave		0.1018				15.7		20.0			
Epichlorohydrin	0.0924 0.1710	+++++ 0.1732	0.1276 0.1751	0.1405	0.1516	Lin2	-0.368	0.1612							0.9920		0.9900
cis-1,3-Dichloropropene	+++++ 0.6682	0.6943 0.6462	0.6323 0.6672	0.6843	0.6633	Ave		0.6651			0.2000	3.2		20.0			
4-Methyl-2-pentanone	+++++ 2.4781	+++++ 2.4496	1.8926 2.1770	2.2672	2.2763	Ave		2.2568			0.0500	9.4		20.0			
Toluene	+++++ 1.6582	+++++ 1.5557	1.9345 1.5296	1.7842	1.7252	Ave		1.6979			0.4000	8.9		20.0			
trans-1,3-Dichloropropene	+++++ 0.4534	0.3953 0.4667	0.3968 0.5015	0.4240	0.4427	Ave		0.4401			0.1000	8.7		20.0			
Ethyl methacrylate	+++++ 0.1995	+++++ 0.2195	0.1376 +++++	0.1494	0.1764	Ave		0.1765				19.3		20.0			
1,1,2-Trichloroethane	+++++ 0.2880	0.3156 0.2622	0.2852 0.2740	0.3038	0.2917	Ave		0.2886			0.1000	6.2		20.0			
Tetrachloroethene	+++++ 0.3987	0.5714 0.3716	0.4213 0.3778	0.4036	0.4043	Ave		0.4213			0.2000	16.2		20.0			
1,3-Dichloropropane	+++++ 0.4818	+++++ 0.4522	0.4592 0.4802	0.4938	0.4793	Ave		0.4744				3.3		20.0			
2-Hexanone	+++++ 0.6809	+++++ 0.7396	0.4682 0.6874	0.5812	0.6066	Ave		0.6273			0.0500	15.4		20.0			
n-Butyl acetate	+++++ 0.4688	+++++ 0.4208	0.5373 0.4617	0.4135	0.4258	Ave		0.4547				10.2		20.0			
Dibromochloromethane	+++++ 0.3386	0.3987 0.3420	0.2784 0.3700	0.2970	0.3160	Ave		0.3344			0.1000	12.4		20.0			
1,2-Dibromoethane	+++++ 0.3100	+++++ 0.2837	0.3189 0.3031	0.3256	0.3138	Ave		0.3092			0.1000	4.7		20.0			
Chlorobenzene	+++++ 0.9915	+++++ 0.9683	0.9533 0.9436	1.0153	0.9782	Ave		0.9750			0.5000	2.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5063	+++++ 0.4979	0.5093 0.4861	0.4890	0.4976	Ave		0.4977			0.1000	1.8		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4315	+++++ 0.4088	0.3968 0.3770	0.4102	0.4057	Ave		0.4050				4.4		20.0			
m-Xylene & p-Xylene	+++++ 0.6204	+++++ 0.6150	0.5938 0.5908	0.6091	0.6111	Ave		0.6067			0.1000	2.0		20.0			
o-Xylene	+++++ 0.7262	+++++ 0.6683	0.6826 0.6249	0.7454	0.7266	Ave		0.6957			0.3000	6.5		20.0			
n-Butyl acrylate	+++++ 0.2629	+++++ 0.2411	0.2679 0.2592	0.2380	0.2479	Ave		0.2528				4.8		20.0			
Styrene	+++++ 0.9344	+++++ 0.9344	0.7273 0.9484	0.8563	0.8850	Ave		0.8810			0.3000	9.4		20.0			
Bromoform	+++++ 0.1725	+++++ 0.1814	0.1359 0.2003	0.1472	0.1534	Ave		0.1651			0.1000	14.5		20.0			
Amyl acetate (mixed isomers)	+++++ 1.4345	+++++ 1.3180	0.9256 1.3001	1.1583	1.2873	Ave		1.2373				14.2		20.0			
Isopropylbenzene	+++++ 1.7381	+++++ 1.5434	1.5602 1.3311	1.6721	1.6663	Ave		1.5852			0.1000	9.1		20.0			
Bromobenzene	+++++ 0.7216	+++++ 0.7389	0.6419 0.7521	0.6406	0.6808	Ave		0.6960				7.0		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7678	0.6713 0.7181	0.6987 0.7295	0.6680	0.7520	Ave		0.7151			0.3000	5.3		20.0			
N-Propylbenzene	+++++ 3.3524	+++++ 3.3742	2.6691 3.0756	2.7314	3.2145	Ave		3.0695				10.0		20.0			
1,2,3-Trichloropropane	+++++ 0.1610	+++++ 0.1512	0.1466 0.1546	0.1484	0.1618	Ave		0.1539				4.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1176	+++++ 0.1206	0.1163 0.1452	0.0993	0.1146	Ave		0.1189				12.5		20.0			
2-Chlorotoluene	+++++ 2.5044	+++++ 2.4146	2.1872 2.3368	2.2203	2.4366	Ave		2.3500				5.3		20.0			
4-Ethyltoluene	+++++ 2.7226	+++++ 2.6662	2.2311 2.6183	2.1909	2.5803	Ave		2.5016				9.2		20.0			
1,3,5-Trimethylbenzene	+++++ 2.7748	+++++ 2.7027	2.0123 2.4367	2.2830	2.5219	Ave		2.4552				11.4		20.0			
4-Chlorotoluene	+++++ 2.0386	+++++ 2.1315	1.6392 2.3067	1.7368	2.1180	Ave		1.9951				12.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.1425	+++++ 1.0460	0.8485 1.0429	0.8915	1.0421	Ave		1.0023				11.0		20.0			
tert-Butylbenzene	+++++ 2.3353	+++++ 2.1694	1.5548 2.0215	1.7600	2.1018	Ave		1.9905				14.3		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8282	+++++ 2.6605	2.1605 2.4585	2.3575	2.6530	Ave		2.5197				9.6		20.0			
sec-Butylbenzene	+++++ 3.2460	+++++ 3.2926	2.2626 2.8869	2.5290	3.1430	Ave		2.8934				14.5		20.0			
1,3-Dichlorobenzene	+++++ 1.3525	+++++ 1.3485	1.2619 1.3561	1.2985	1.3470	Ave		1.3274			0.6000	2.9		20.0			
4-Isopropyltoluene	+++++ 2.7664	+++++ 2.8156	1.9867 2.4048	2.2593	2.6009	Ave		2.4723				12.9		20.0			
1,4-Dichlorobenzene	+++++ 1.4063	+++++ 1.3869	1.3539 1.3811	1.3992	1.3877	Ave		1.3859			0.5000	1.3		20.0			
1,2,3-Trimethylbenzene	+++++ 3.1561	+++++ 3.0069	2.6048 2.6940	2.8530	3.0301	Ave		2.8908				7.3		20.0			
Benzyl chloride	+++++ 1.1292	+++++ 1.1485	0.7621 +++++	0.7933	0.9587	Ave		0.9584				18.9		20.0			
Indan	+++++ 2.6559	+++++ 2.5730	2.2746 2.3935	2.4283	2.5655	Ave		2.4818				5.7		20.0			
p-Diethylbenzene	+++++ 1.6077	+++++ 1.6016	1.1826 1.4350	1.3601	1.5637	Ave		1.4585				11.5		20.0			
n-Butylbenzene	+++++ 1.3240	+++++ 1.3625	1.0825 1.2325	1.0846	1.2865	Ave		1.2288				9.8		20.0			
1,2-Dichlorobenzene	+++++ 1.5444	+++++ 1.4677	1.3607 1.4153	1.4276	1.4733	Ave		1.4482			0.4000	4.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.9739	+++++ 2.9598	2.5226 2.4795	2.5841	2.9257	Ave		2.7409				8.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1738	+++++ 0.1660	0.1199 0.1712	0.1346	0.1615	Ave		0.1545			0.0500	14.3		20.0			
1,3,5-Trichlorobenzene	+++++ 1.3092	+++++ 1.2433	1.1914 1.0572	1.2171	1.3113	Ave		1.2216				7.7		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1918	+++++ 1.2038	1.1761 1.0189	1.1136	1.1965	Ave		1.1501			0.2000	6.3		20.0			
Hexachlorobutadiene	+++++ 0.3912	+++++ 0.4087	0.3604 0.3410	0.3584	0.3923	Ave		0.3753				6.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 3.0990	+++++ 2.7847	2.8115 2.4164	2.7823	3.0947	Ave		2.8314				8.9		20.0			
1,2,3-Trichlorobenzene	+++++ 1.1428	+++++ 1.0734	0.9834 0.8838	1.0248	1.1202	Ave		1.0381				9.2		20.0			
Dibromofluoromethane (Surr)	0.2635 0.2283	0.2468 0.2359	0.2589 0.2457	0.2643	0.2570	Ave		0.2501				5.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2527 0.2243	0.2436 0.2274	0.2614 0.2465	0.2583	0.2504	Ave		0.2456				5.5		20.0			
Toluene-d8 (Surr)	1.2637 1.1143	1.2195 1.0482	1.2318 1.1766	1.3295	1.2212	Ave		1.2006				7.3		20.0			
Bromofluorobenzene	0.3053 0.2803	0.2905 0.2748	0.2978 0.3131	0.3245	0.3007	Ave		0.2984				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1022525/4	J13298.D
Level 2	STD8 460-1022525/3	J13297.D
Level 3	STD1 460-1022525/5	J13299.D
Level 4	STD5 460-1022525/6	J13300.D
Level 5	STD20 460-1022525/7	J13301.D
Level 6	STD50 460-1022525/8	J13302.D
Level 7	STD200 460-1022525/9	J13303.D
Level 8	STD500 460-1022525/10	J13304.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 15135	+++++ 59175	276 154752	1358	6370	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 210482	+++++ 1006941	3545 2551745	15366	85609	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 28991	+++++ 111773	566 287268	2800	11380	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 230280	+++++ 923009	5021 2328958	22085	90840	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 178507	+++++ 724202	3421 1807791	15174	72307	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	386 171112	+++++ 709969	2823 1709464	14092	69287	0.250 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 115135	+++++ 455807	2881 984454	12872	50780	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 93236	+++++ 372943	1973 812051	9084	38362	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 305933	+++++ 1175096	6040 2741236	28486	123732	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 192819	+++++ 771996	3335 1796939	15820	81424	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 505952	+++++ 1808606	10520 4082340	42732	226506	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 15871	+++++ 57455	250 170362	1121	6331	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 99473	+++++ 363536	3155 955231	11254	41377	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 144425	+++++ 554559	3290 1368747	13149	62548	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 118569	+++++ 478867	2441 1194100	10394	52195	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 204635	+++++ 840169	4765 2098063	18996	89867	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Ave	+++++ 44472	+++++ 81749	2172 191932	9684	20097	+++++ 100	+++++ 200	4.00 400	20.0	40.0
Freon TF	FB	Ave	+++++ 145291	+++++ 564102	2560 1470849	11987	58071	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 174322	+++++ 662055	3463 1696093	16039	66290	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 179844	+++++ 752740	4057 1848418	18400	70869	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 350179	+++++ 1346013	7155 3226906	34513	136459	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 53224	+++++ 199280	741 619079	4733	19944	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 696139	+++++ 2532413	14338 5901172	62967	269823	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 111458	+++++ 462374	2356 1201246	9737	46577	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	TBAd9	Ave	+++++ 199551	+++++ 718708	4001 1913040	18128	78280	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 511906	+++++ 1955065	9687 4928469	42664	207234	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	TBAd9	Ave	+++++ 196130	+++++ 790694	3277 1955370	18335	75546	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 199735	+++++ 784521	4547 1988663	20518	78436	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 84585	+++++ 314484	1701 945209	6948	32733	+++++ 500	+++++ 2000	10.0 5000	50.0	200
MTBE	FB	Ave	+++++ 422322	+++++ 1593152	8149 4139578	40056	167132	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 178896	+++++ 696800	3545 1795369	17470	72841	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	TBAd9	Ave	1461 510825	+++++ 1883537	9491 4919070	49281	205892	2.00 500	+++++ 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 166137	+++++ 662045	2966 1741378	14137	70865	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 554343	+++++ 2140509	10983 5420036	52763	213086	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 327952	+++++ 1271916	6450 3307621	32821	131165	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl acetate	FB	Ave	+++++	+++++	5361	42685	198519	+++++	+++++	2.00	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			451686	2061523	5849468			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	+++++ 141513	+++++ 578553	2760 1549457	13094	57687	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 494692	+++++ 1943779	9590 5114626	46648	192124	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 71797	+++++ 285816	1588 722783	6938	27544	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 181719	+++++ 706332	3578 1888809	18409	72470	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	+++++ 19391	+++++ 77019	431 230221	1438	7481	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Butanone	BUT	Ave	+++++ 51142	+++++ 206383	997 565956	4067	19237	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Methyl acrylate	FB	Ave	+++++ 85472	+++++ 334152	1293 1006586	7341	32777	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 151804	+++++ 585035	2245 1659410	13297	60097	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 85847	+++++ 345205	1840 911468	8535	34487	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 25645	+++++ 100314	394 266319	2138	9326	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 437798	+++++ 1706640	7657 4647235	39880	173195	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 287186	+++++ 1138154	6034 2966490	28908	115565	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 207213	+++++ 831401	3497 2054777	16800	85839	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 224921	+++++ 929289	4589 2300545	20430	89562	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 182702	+++++ 794996	3396 2051019	15291	69243	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 202527	+++++ 829366	4051 2270892	18769	82404	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	QuaF	+++++ 162483	+++++ 714889	1463 1999820	7817	53511	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 455670	+++++ 1891953	6957 4569470	35357	181041	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 571357	2663 2282854	11847 6076480	55273	227420	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++	+++++	5183	25130	119218	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			336289	1316123	3596926			50.0	200	500		
Tert-amyl methyl ether	FB	Ave	+++++ 109925	+++++ 401773	2717 1117290	12411	49821	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 188214	881 731447	3835 1979718	18869	73223	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 62556	+++++ 274055	1008 721504	5080	24705	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 15112	+++++ 118410	+++++ 496698	+++++	+++++	+++++ 1250	+++++ 5000	+++++ 12500	+++++	+++++
Trichloroethene	FB	Ave	+++++ 146401	725 597821	2760 1645993	14053	58071	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 237395	+++++ 982249	3682 2380168	18853	94826	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 294594	+++++ 1240719	3697 3253229	21436	113290	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 141215	559 592004	2601 1640437	13073	55285	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 35836	+++++ 154264	511 474958	2689	12929	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Dibromomethane	FB	Ave	+++++ 90025	+++++ 362928	1896 999672	8547	35750	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dioxane	DXE	Ave	+++++ 15975	+++++ 58880	492 188803	1120	5315	+++++ 1000	+++++ 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 111916	+++++ 498520	2205 1529035	7891	40378	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 165533	614 720529	3055 1971462	13954	62008	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
2-Nitropropane	TBAd9	Ave	+++++ 33139	+++++ 164205	776 526190	2508	11491	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 53310	+++++ 233783	811 723907	3947	19291	+++++ 50.1	+++++ 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Lin2	284 146950	+++++ 594450	2033 1773476	10680	51250	5.00 1000	+++++ 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 185506	627 836665	2889 2377295	15535	68507	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 532318	+++++ 2101369	7539 5513449	43092	192411	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 460330	+++++ 2014296	8839 5449826	40502	178189	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 125878	357 604318	1813 1786705	9625	45726	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl methacrylate	FB	Ave	+++++ 100489	+++++ 454295	1290 +++++	7147	34228	+++++ 50.0	+++++ 200	1.00 +++++	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 79963	285 339461	1303 976222	6897	30130	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 110688	516 481156	1925 1346175	9163	41757	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 133755	+++++ 585527	2098 1710766	11210	49504	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 146259	+++++ 634445	1865 1740843	11047	51274	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 130146	+++++ 544884	2455 1645153	9386	43983	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 93999	360 442740	1272 1318126	6741	32643	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 86051	+++++ 367280	1457 1079780	7392	32410	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 275256	+++++ 1253676	4356 3362026	23047	101031	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 140565	+++++ 644658	2327 1732003	11100	51399	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 119779	+++++ 529291	1813 1343310	9312	41907	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 172221	+++++ 796250	2713 2104956	13828	63118	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 201600	+++++ 865242	3119 2226397	16920	75049	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 72975	+++++ 312187	1224 923668	5403	25606	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 259395	+++++ 1209830	3323 3379166	19438	91407	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 47888	+++++ 234864	621 713799	3342	15848	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 225837	+++++ 900628	2848 2462538	17995	78984	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 482506	+++++ 1998347	7129 4742437	37957	172106	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 113600	+++++ 504893	1975 1424582	9953	41768	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 120870	389 490714	2150 1381717	10378	46140	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 527775	+++++ 2305675	8213 5825291	42436	197224	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 25345	+++++ 103317	451 292819	2306	9930	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 18508	+++++ 82430	358 275036	1542	7034	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 394282	+++++ 1649947	6730 4426064	34495	149495	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 428629	+++++ 1821844	6865 4959210	34039	158313	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 436841	+++++ 1846834	6192 4615345	35469	154727	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 320942	+++++ 1456492	5044 4369062	26983	129946	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 179875	+++++ 714741	2611 1975402	13851	63934	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 367646	+++++ 1482428	4784 3828805	27344	128956	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 445252	+++++ 1817940	6648 4656491	36627	162770	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 511029	+++++ 2249899	6962 5468002	39291	192838	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 212932	+++++ 921426	3883 2568485	20173	82642	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 435524	+++++ 1923945	6113 4554869	35101	159578	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	+++++	4166	21738	85138	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-320734-1 Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 Calibration End Date: 02/22/2025 20:05 Calibration ID: 100249

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			221404	947687	2615956			50.0	200	500		
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 496869	+++++ 2054700	8015 5102574	44325	185907	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 177766	+++++ 784810	2345 +++++	12325	58818	+++++ 50.0	+++++ 200	1.00 +++++	5.00	20.0
Indan	DCBd4	Ave	+++++ 418126	+++++ 1758197	6999 4533374	37726	157406	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 253106	+++++ 1094414	3639 2717967	21131	95938	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 208439	+++++ 931046	3331 2334443	16850	78932	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 243134	+++++ 1002882	4187 2680719	22180	90395	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 468193	+++++ 2022518	7762 4696286	40147	179506	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 27363	+++++ 113435	369 324350	2091	9908	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 206105	+++++ 849586	3666 2002335	18909	80455	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 187633	+++++ 822556	3619 1929897	17301	73407	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 61593	+++++ 279283	1109 645965	5568	24067	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 487878	+++++ 1902846	8651 4576725	43226	189873	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 179916	+++++ 733472	3026 1673985	15922	68727	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	100804 114980	115618 122026	121343 142553	126458	124645	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	96642 112965	114084 117631	122524 143070	123590	121468	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	226618 309330	275312 339285	281428 419211	301804	315317	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	54754 77803	65589 88944	68038 111558	73660	77644	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-320734-1 | Analy Batch No.: 1022525

SDG No.:

Instrument ID: CVOAMS8 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/22/2025 17:24 | Calibration End Date: 02/22/2025 20:05 | Calibration ID: 100249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1022525/4	J13298.D
Level 2	STD8 460-1022525/3	J13297.D
Level 3	STD1 460-1022525/5	J13299.D
Level 4	STD5 460-1022525/6	J13300.D
Level 5	STD20 460-1022525/7	J13301.D
Level 6	STD50 460-1022525/8	J13302.D
Level 7	STD200 460-1022525/9	J13303.D
Level 8	STD500 460-1022525/10	J13304.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	+++++	-2.3						30			
Epichlorohydrin	2.9	+++++					30					

Report Date: 23-Feb-2025 11:17:37 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-Feb-2025 17:24:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0187183-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:17:36 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: NN6A Date: 23-Feb-2025 10:55:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	76	131300	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	86	180129	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	95	115618	50.0	49.4	
58 Benzene	78	3.881	3.883	-0.002	41	2663	0.2000	0.2629	a
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.899	3.902	-0.003	0	114084	50.0	49.6	
62 1,2-Dichloroethane	62	3.972	3.969	0.003	94	881	0.2000	0.2421	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	468395	50.0	50.0	
65 Trichloroethene	95	4.496	4.498	-0.002	90	725	0.2000	0.2534	
69 1,2-Dichloropropane	63	4.782	4.778	0.004	41	559	0.2000	0.2106	
* 70 1,4-Dioxane-d8	96	4.861	4.857	0.004	0	10879	1000.0	1000.0	
75 Dichlorobromomethane	83	5.074	5.076	-0.002	4	614	0.2000	0.2011	
79 cis-1,3-Dichloropropene	75	5.609	5.593	0.016	88	627	0.2000	0.2088	
$ 81 Toluene-d8 (Surr)	98	5.840	5.842	-0.002	99	275312	50.0	50.8	
83 trans-1,3-Dichloropropene	75	6.339	6.329	0.010	1	357	0.2000	0.1797	a
85 1,1,2-Trichloroethane	83	6.546	6.548	-0.002	35	285	0.2000	0.2187	a
86 Tetrachloroethene	166	6.582	6.585	-0.002	92	516	0.2000	0.2713	M
90 Chlorodibromomethane	129	7.039	7.035	0.004	1	360	0.2000	0.2385	
* 92 Chlorobenzene-d5	117	7.799	7.801	-0.002	88	225759	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.174	9.176	-0.002	88	65589	50.0	48.7	
105 1,1,2,2-Tetrachloroethane	83	9.381	9.377	0.004	51	389	0.2000	0.1878	
* 119 1,4-Dichlorobenzene-d4	152	10.245	10.241	0.003	96	144870	50.0	50.0	
S 136 Total BTEX	1				0		1.00	0.2629	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	2.00	Units: uL	
524FREONS_00031	Amount Added:	0.00	Units: uL	
ACROLEIN W_00180	Amount Added:	0.00	Units: uL	
GASES Li_00628	Amount Added:	0.00	Units: uL	
14DIOXINTER_00178	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00134	Amount Added:	0.00	Units: uL	
7 Freons Hi_00024	Amount Added:	0.00	Units: uL	
Ethanol mix_00098	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	0.00	Units: uL	
MIX I Hi_00185	Amount Added:	0.00	Units: uL	
GAS Hi_00489	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:17:37 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D

Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8 Operator ID:

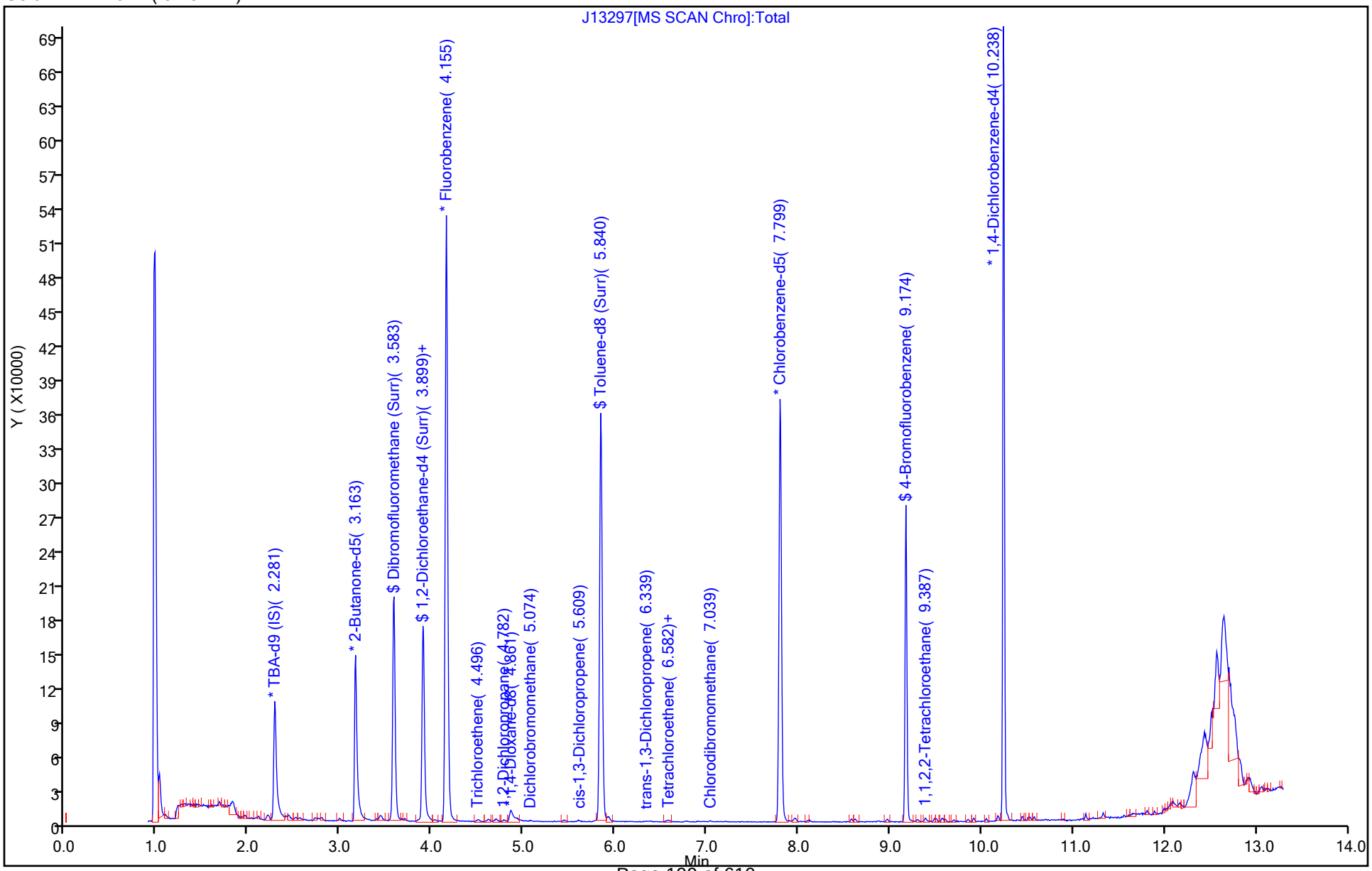
Lims ID: STD8 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

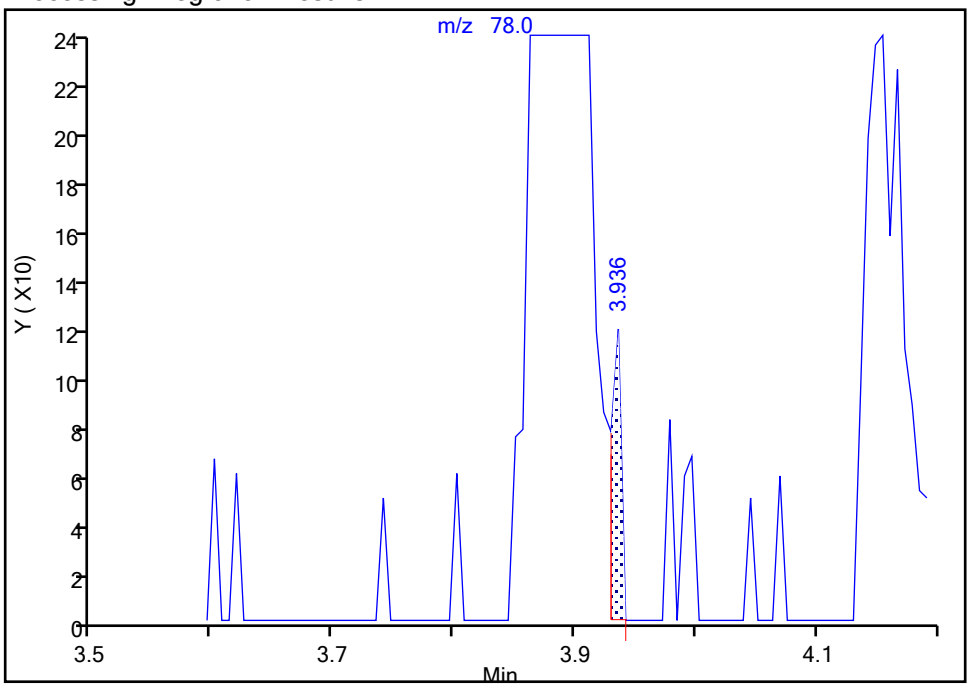
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Benzene, CAS: 71-43-2

Signal: 1

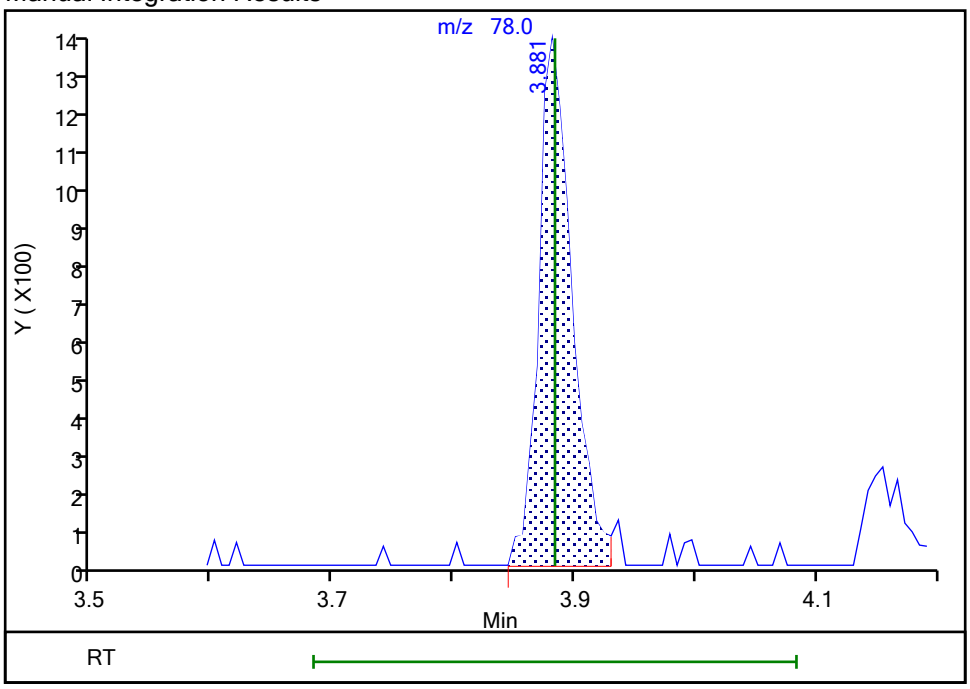
Processing Integration Results

RT: 3.94
Area: 72
Amount: 0.010683
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 2663
Amount: 0.262875
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 17:59:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

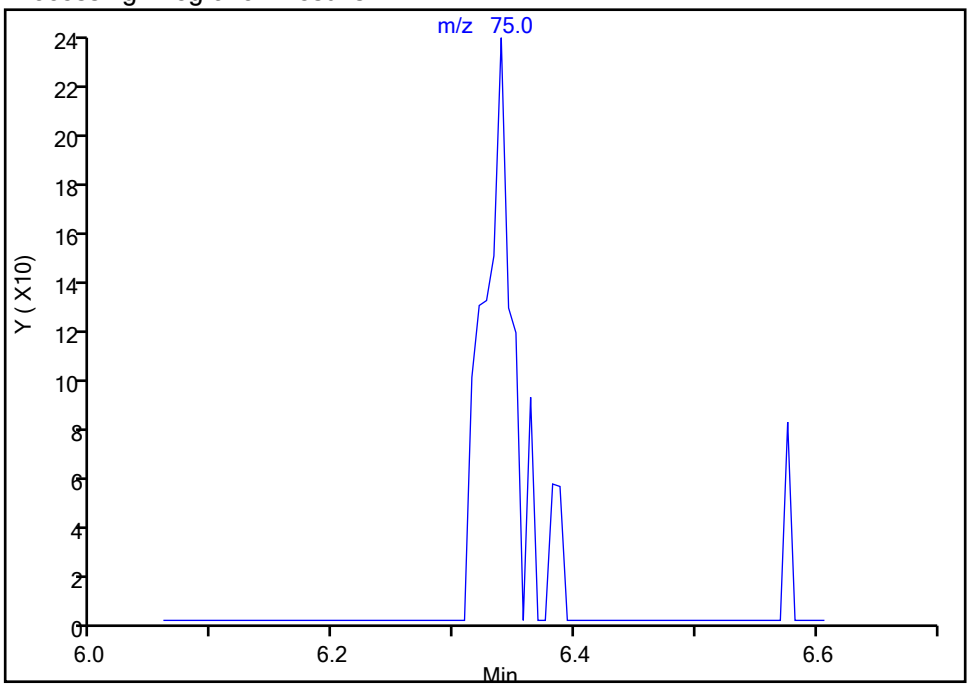
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

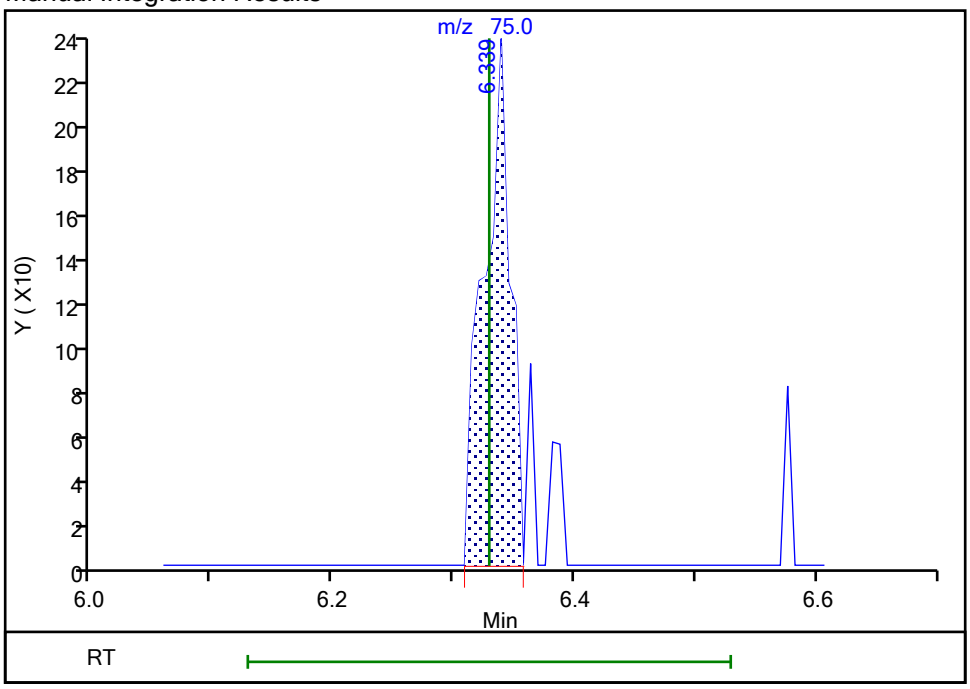
Not Detected
Expected RT: 6.33

Processing Integration Results



Manual Integration Results

RT: 6.34
Area: 357
Amount: 0.179669
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 10:52:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

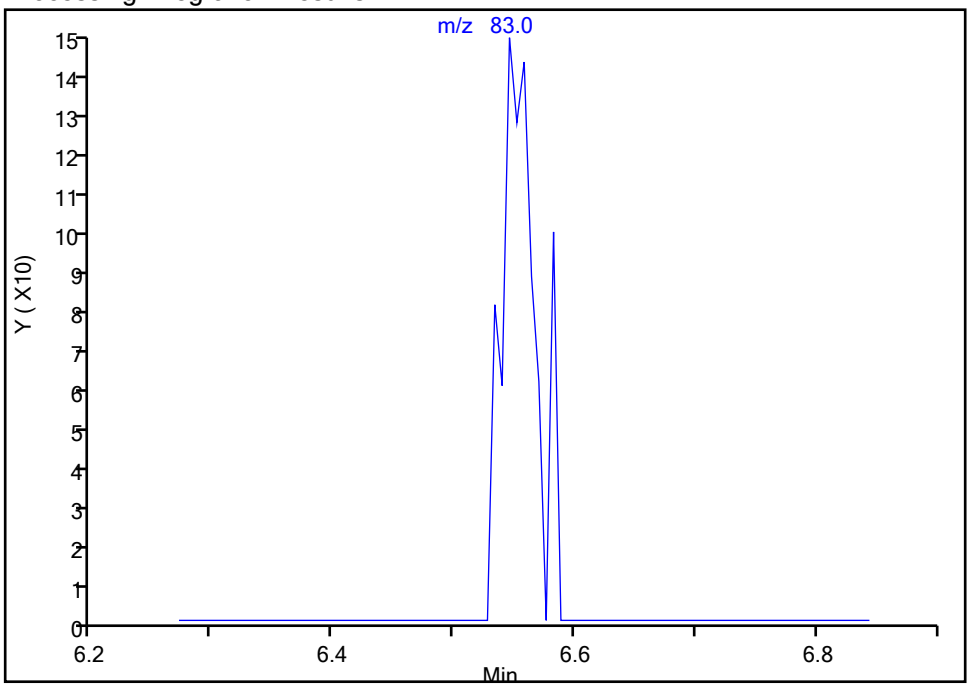
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

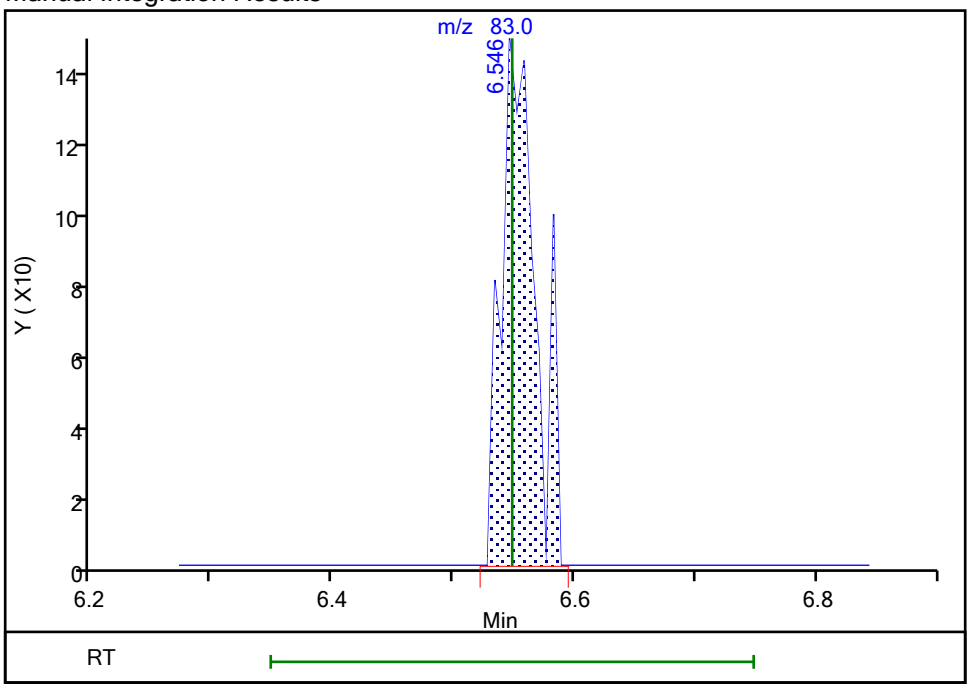
Not Detected
Expected RT: 6.55

Processing Integration Results



Manual Integration Results

RT: 6.55
Area: 285
Amount: 0.218677
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 10:52:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

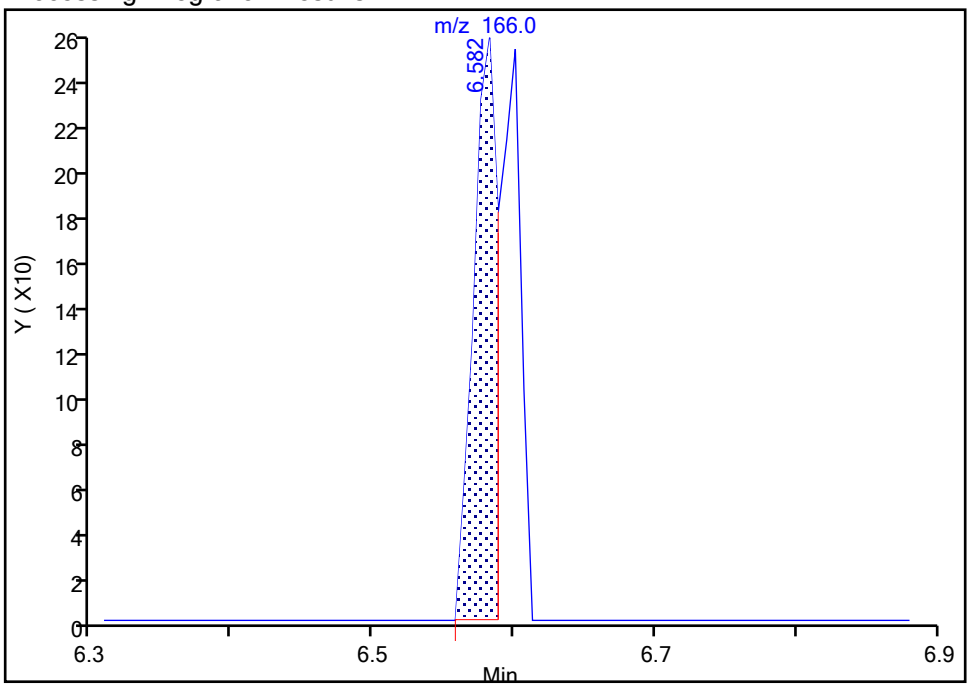
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

Signal: 1

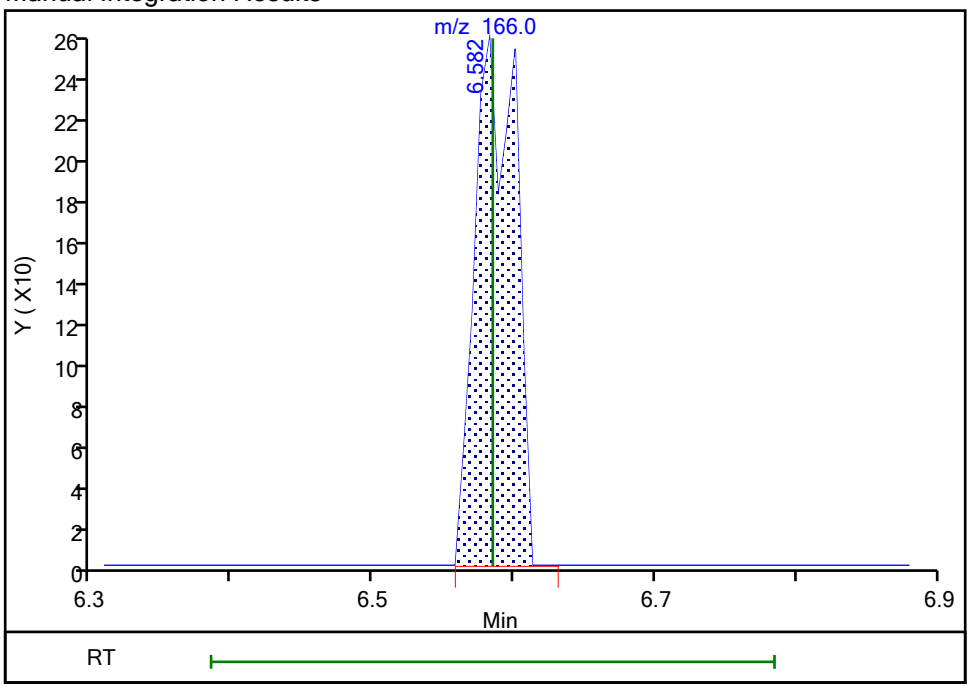
Processing Integration Results

RT: 6.58
Area: 310
Amount: 0.198580
Amount Units: ug/l



Manual Integration Results

RT: 6.58
Area: 516
Amount: 0.271285
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:00:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

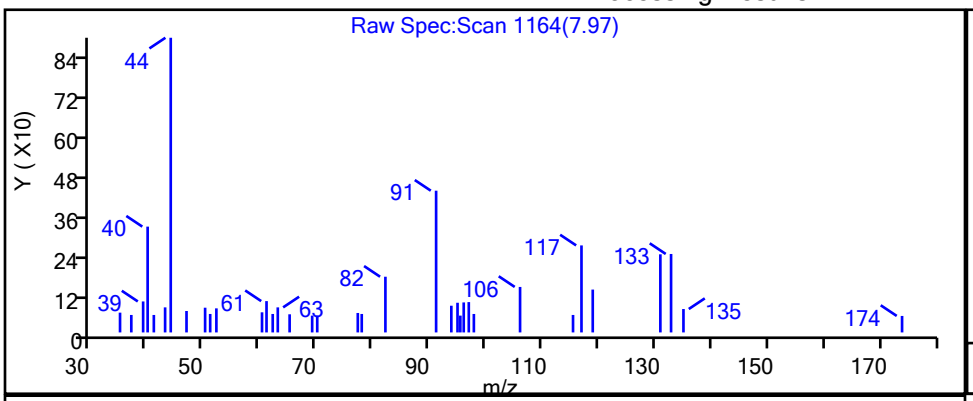
User Disabled Compound Report

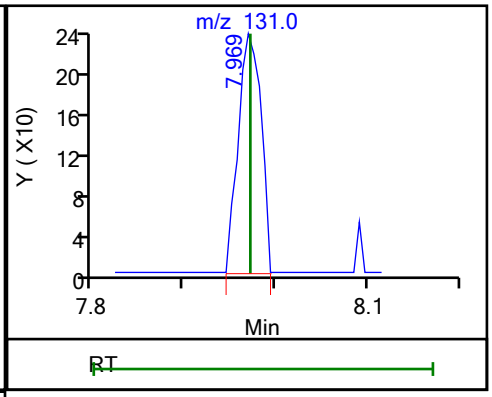
Eurofins Edison

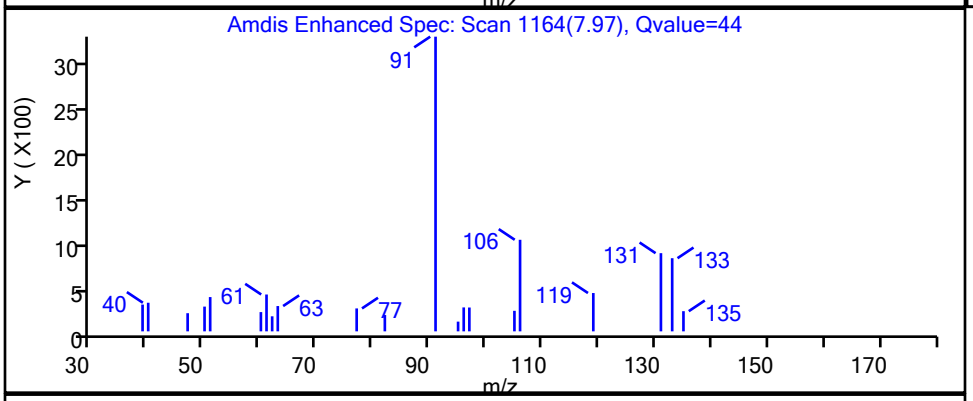
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

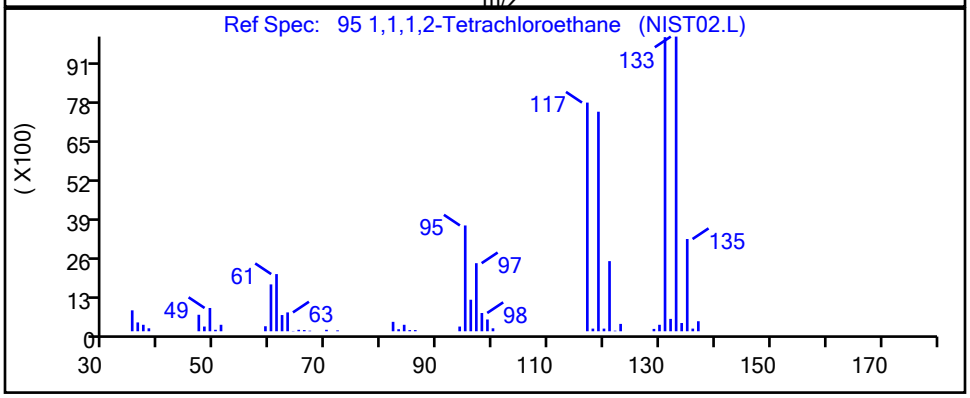
95 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
7.97	131.00	411	0.259382

Reviewer: PUV6, 22-Feb-2025 18:00:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

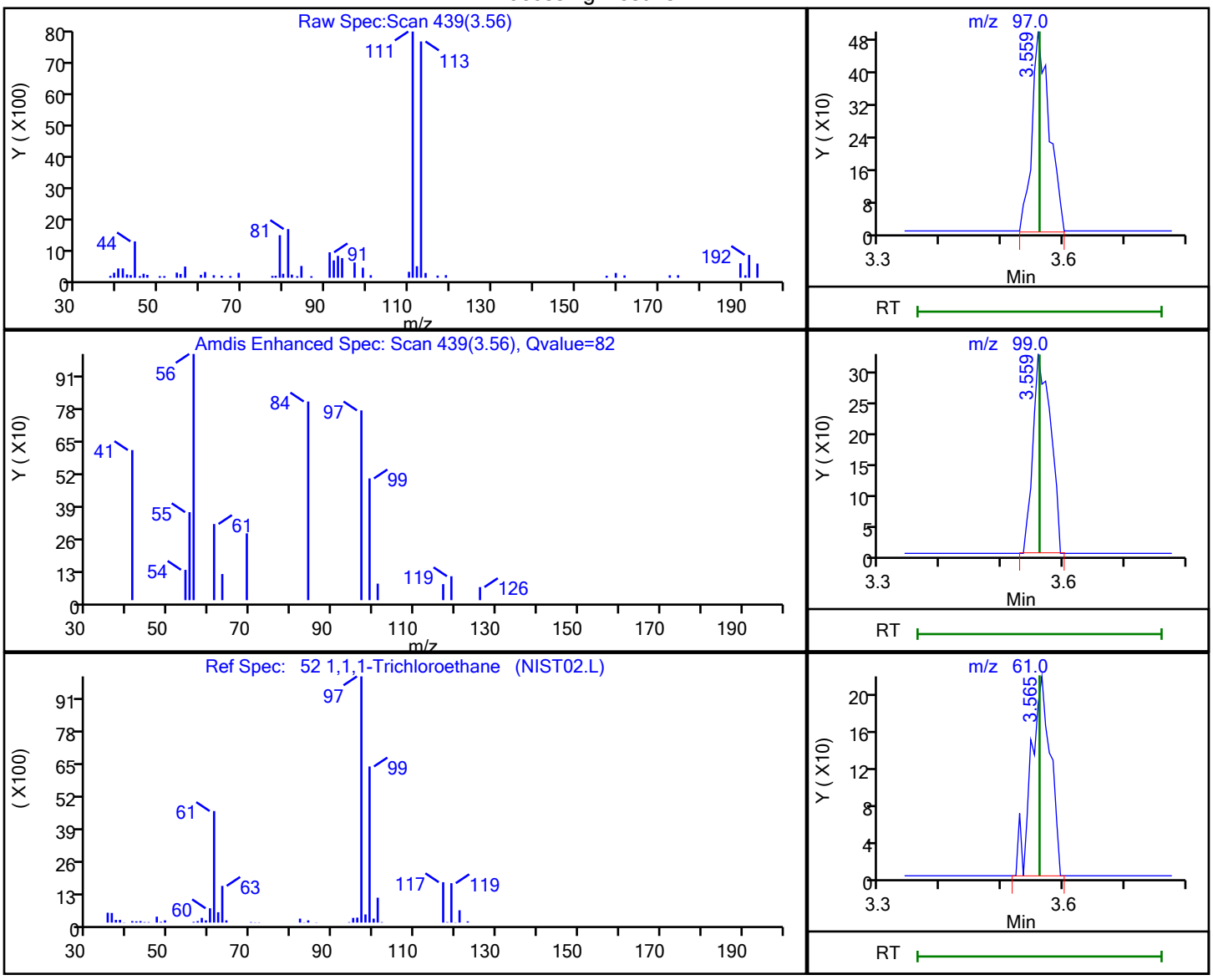
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.56	97.00	969	0.227158
3.56	99.00	648	
3.56	61.00	467	

Reviewer: NN6A, 23-Feb-2025 10:53:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

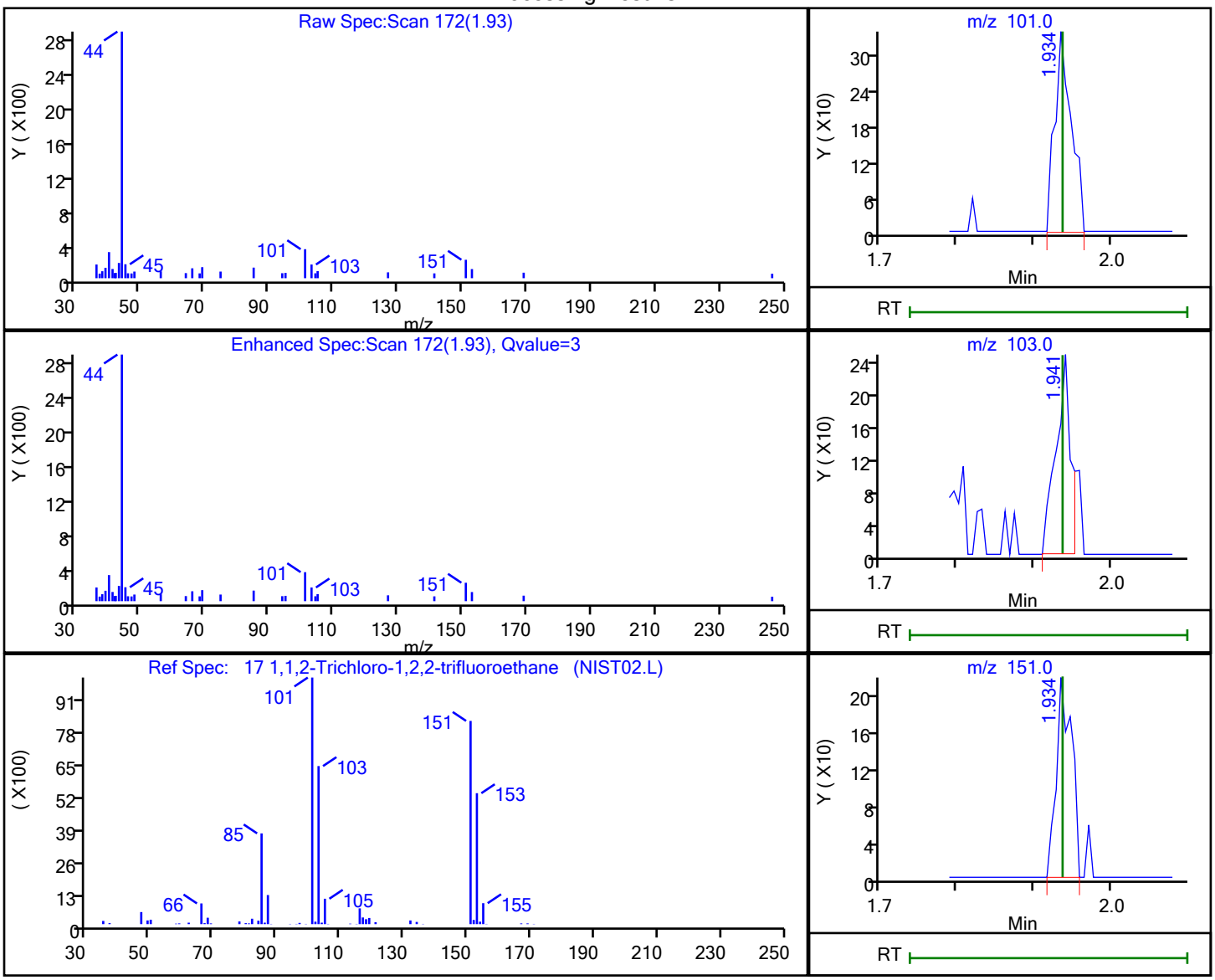
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.93	101.00	507	0.238394
1.94	103.00	329	
1.93	151.00	299	
1.93	85.00	136	

Reviewer: PUV6, 22-Feb-2025 17:57:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

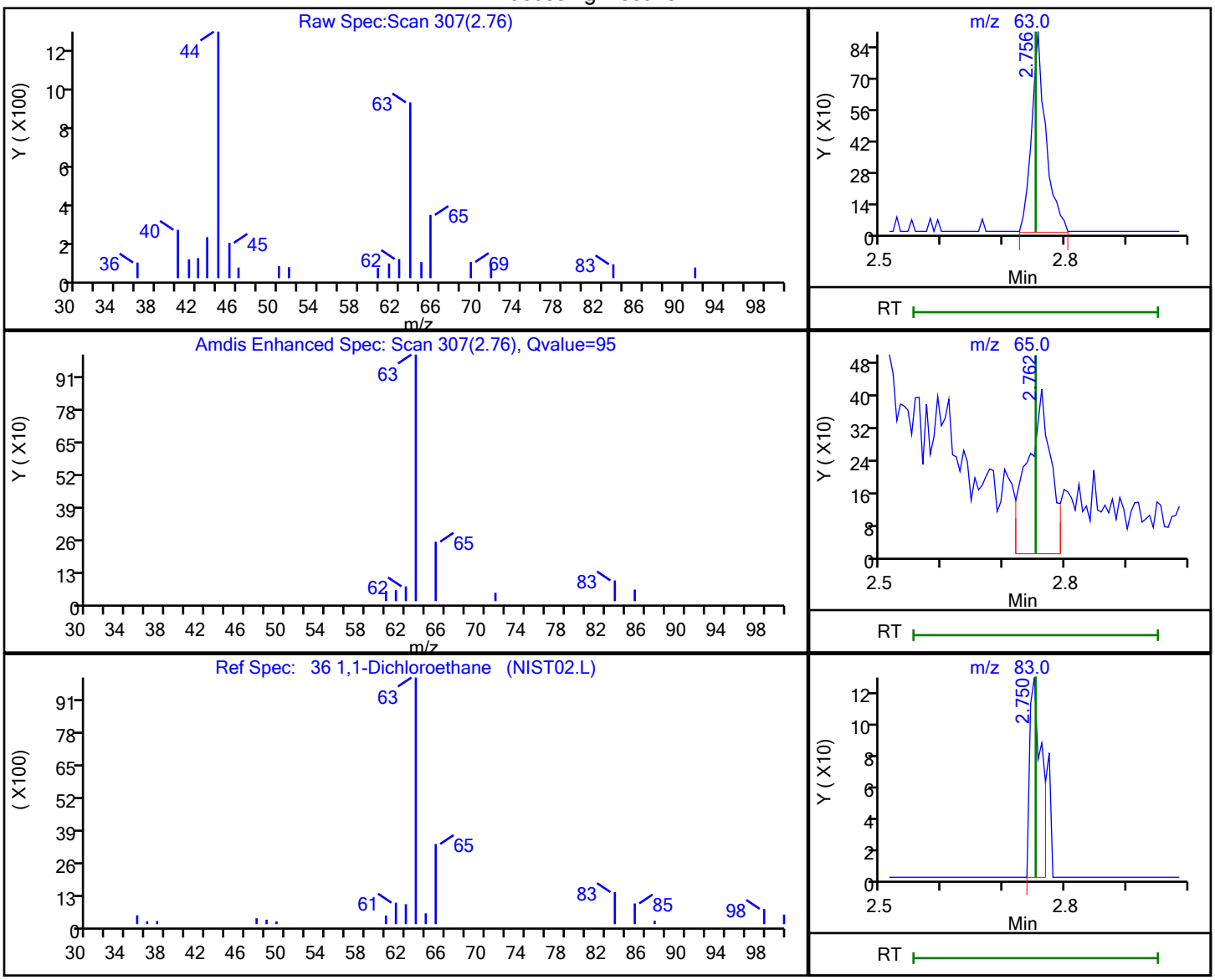
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.76	63.00	1451	0.232647
2.76	65.00	1099	
2.75	83.00	161	

Reviewer: NN6A, 23-Feb-2025 10:51:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

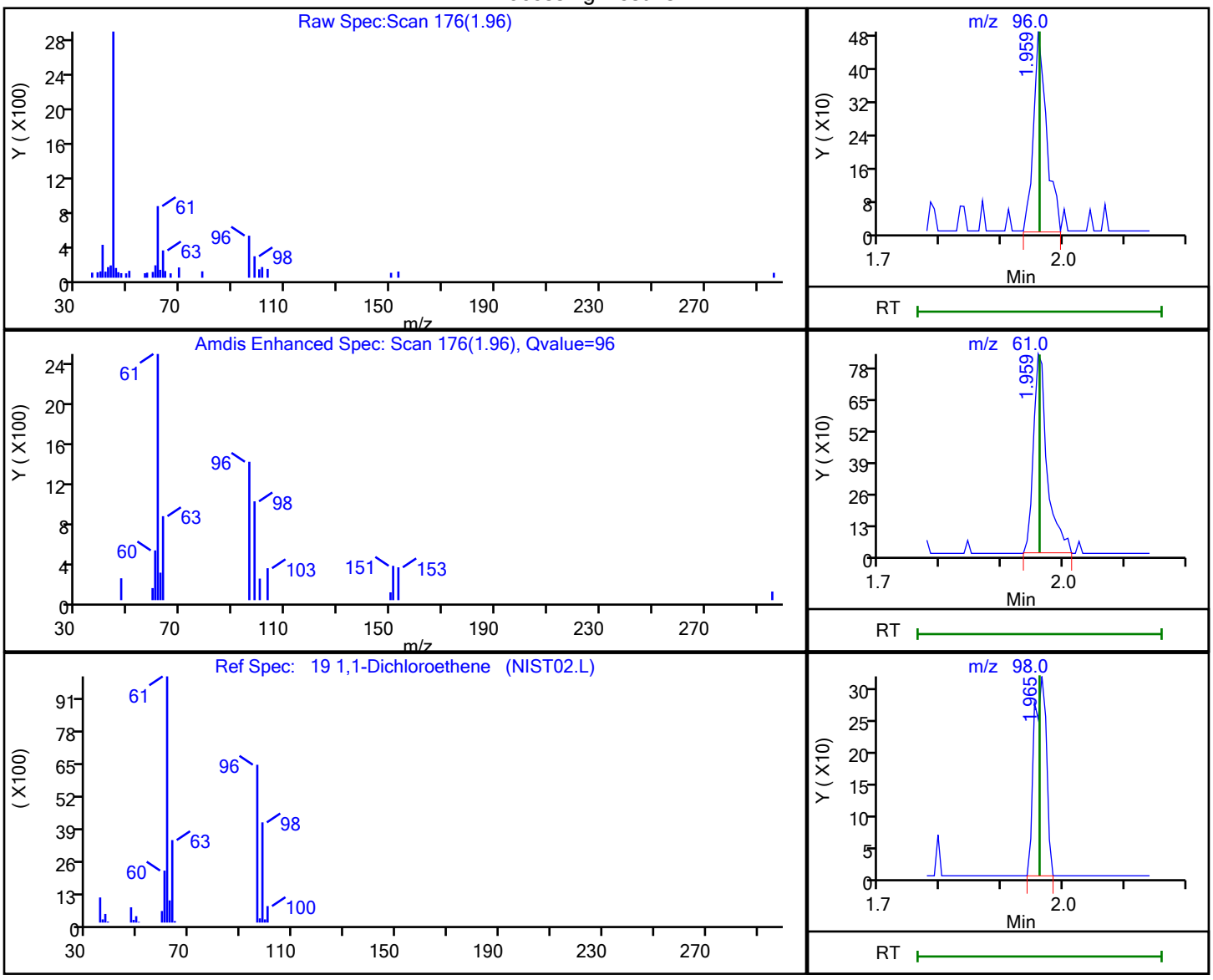
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D				
Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.96	96.00	722	0.225728
1.96	61.00	1309	
1.96	98.00	442	
1.96	63.00	486	

Reviewer: NN6A, 23-Feb-2025 10:51:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

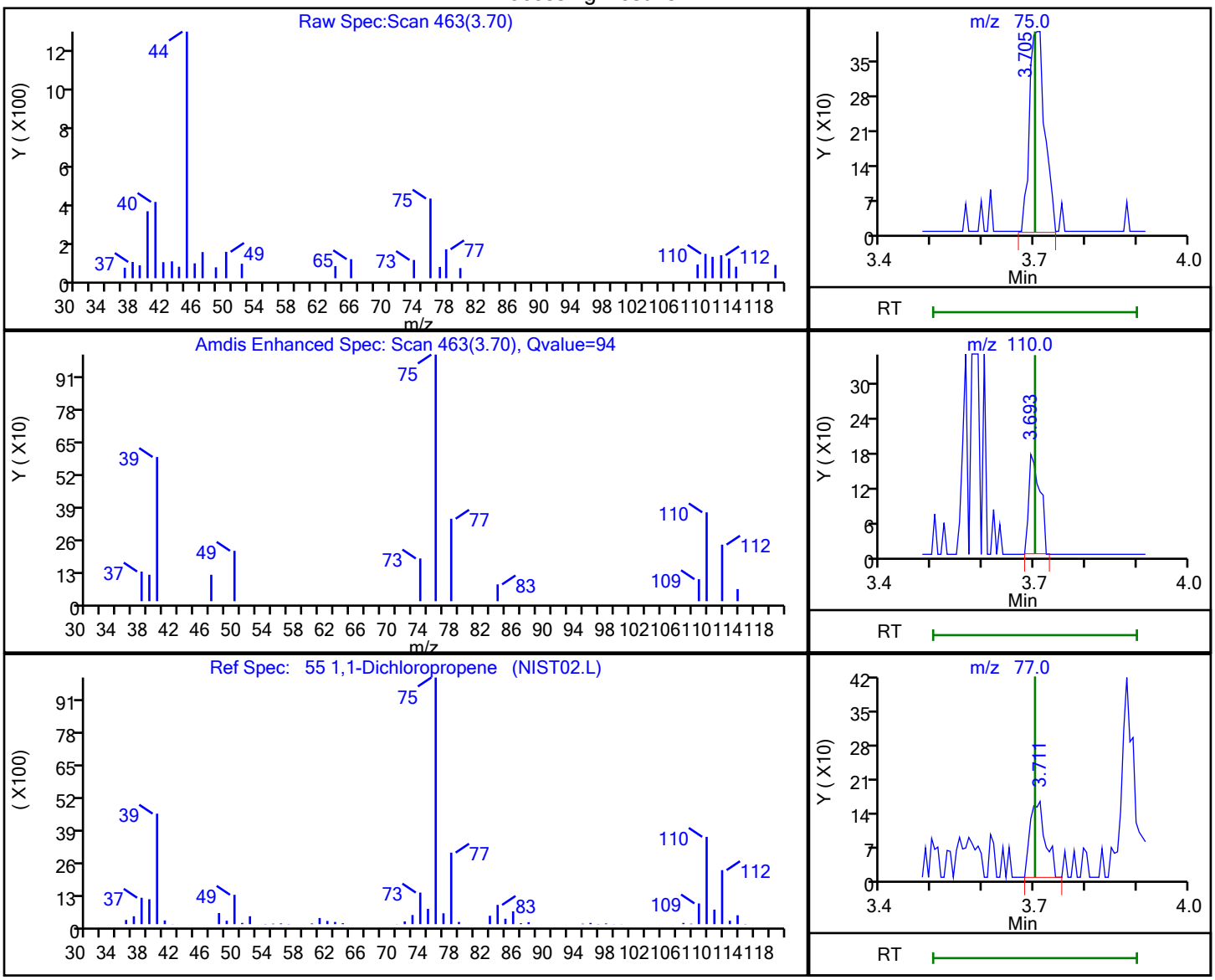
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.70	75.00	841	0.217273
3.69	110.00	266	
3.71	77.00	329	

Reviewer: NN6A, 23-Feb-2025 10:51:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

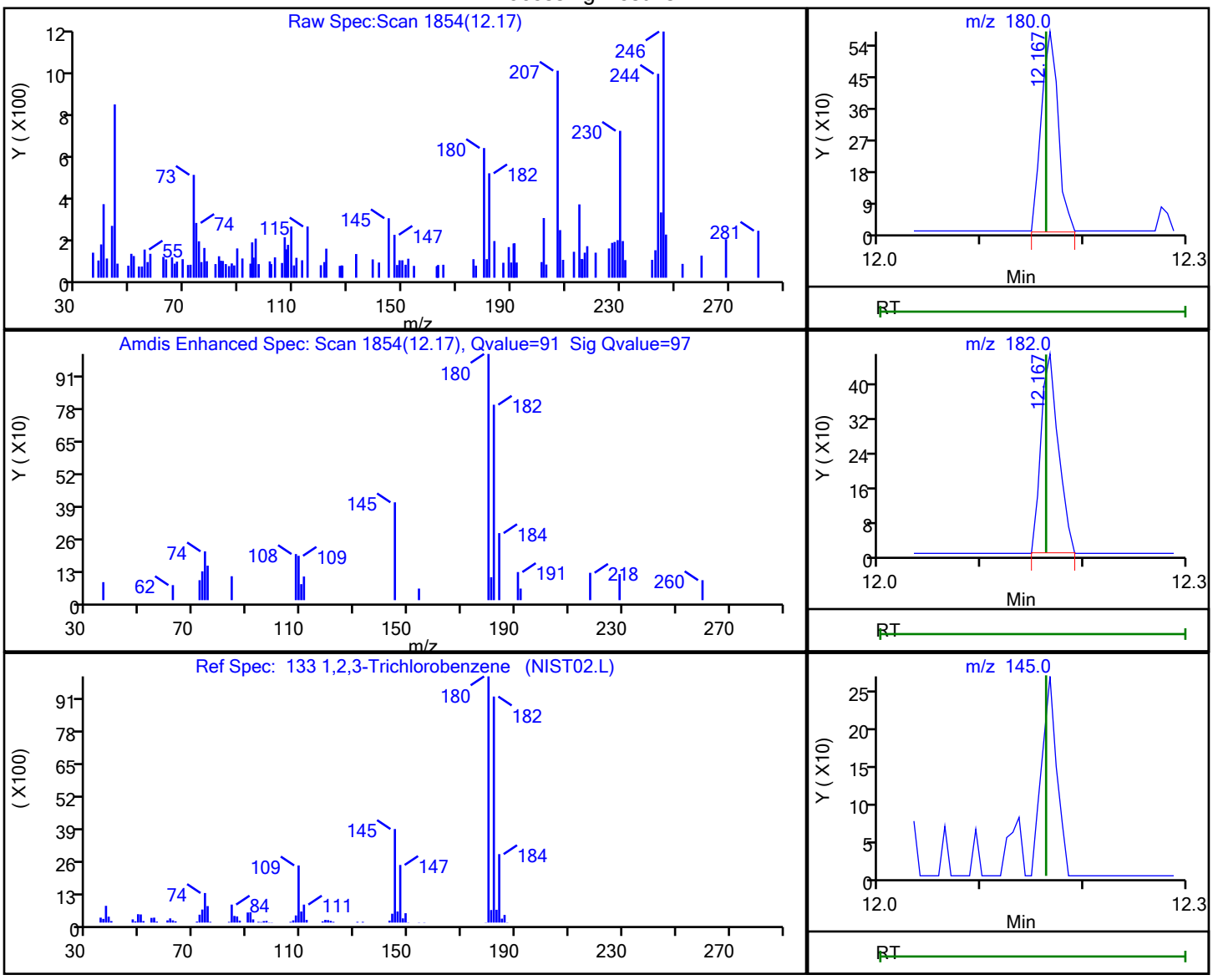
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D				
Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.17	180.00	659	0.219103
12.17	182.00	555	
12.18	145.00	0	

Reviewer: NN6A, 23-Feb-2025 10:54:15 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

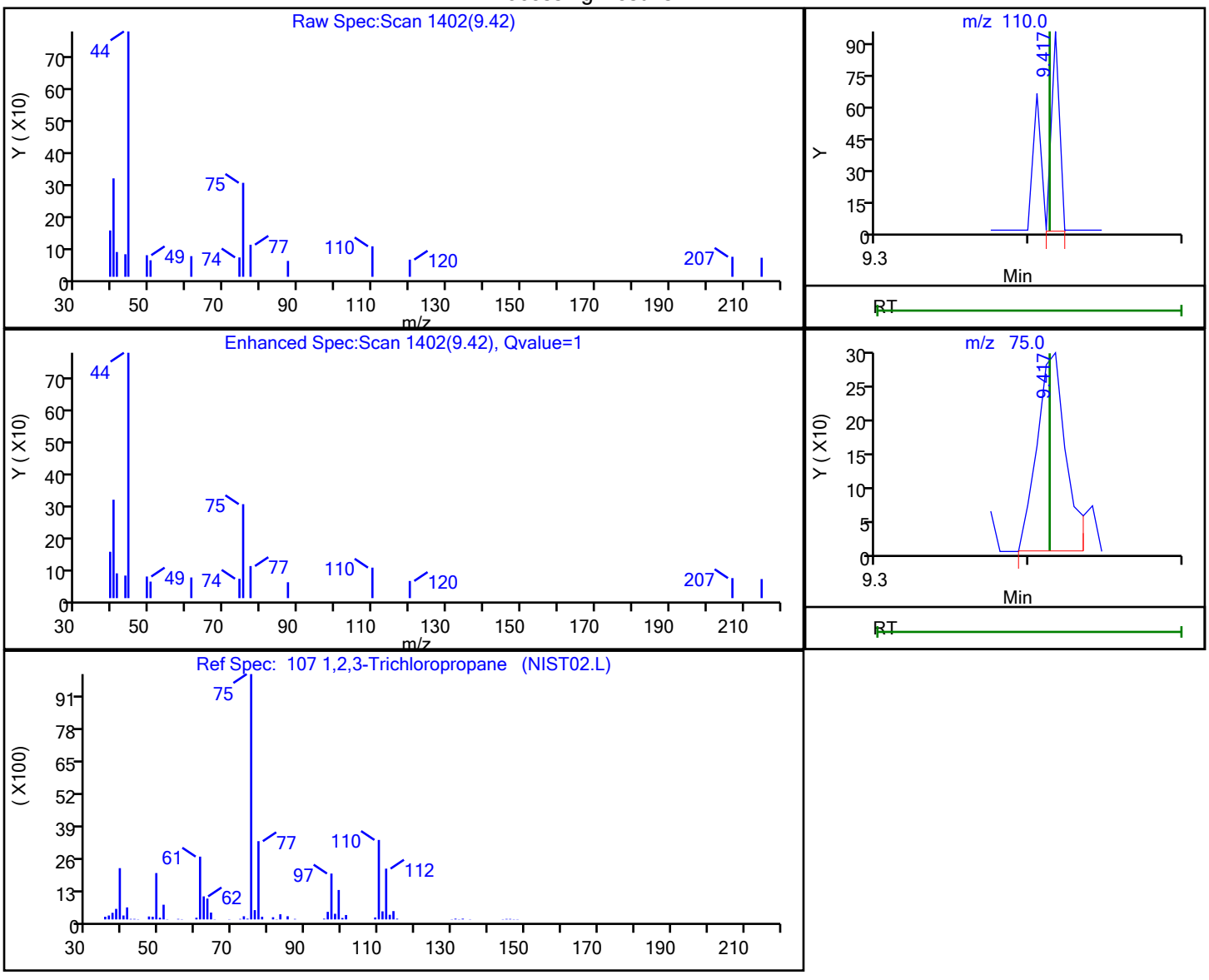
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.42	110.00	35	0.058223
9.42	75.00	392	

Reviewer: NN6A, 23-Feb-2025 10:55:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:17:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

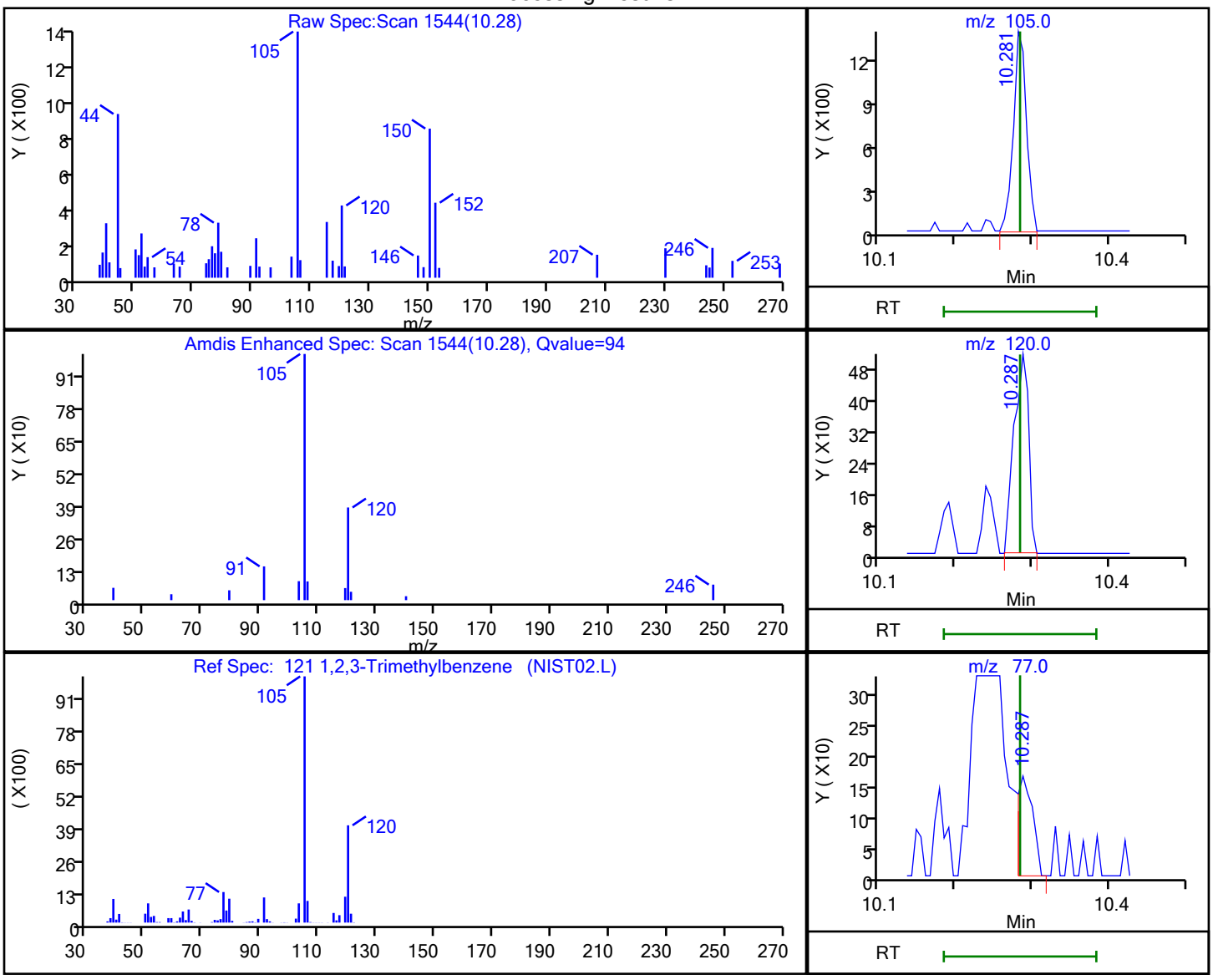
User Disabled Compound Report

Eurofins Edison

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Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.28	105.00	1583	0.253219
10.29	120.00	689	
10.29	77.00	217	

Reviewer: PUV6, 22-Feb-2025 18:01:16 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

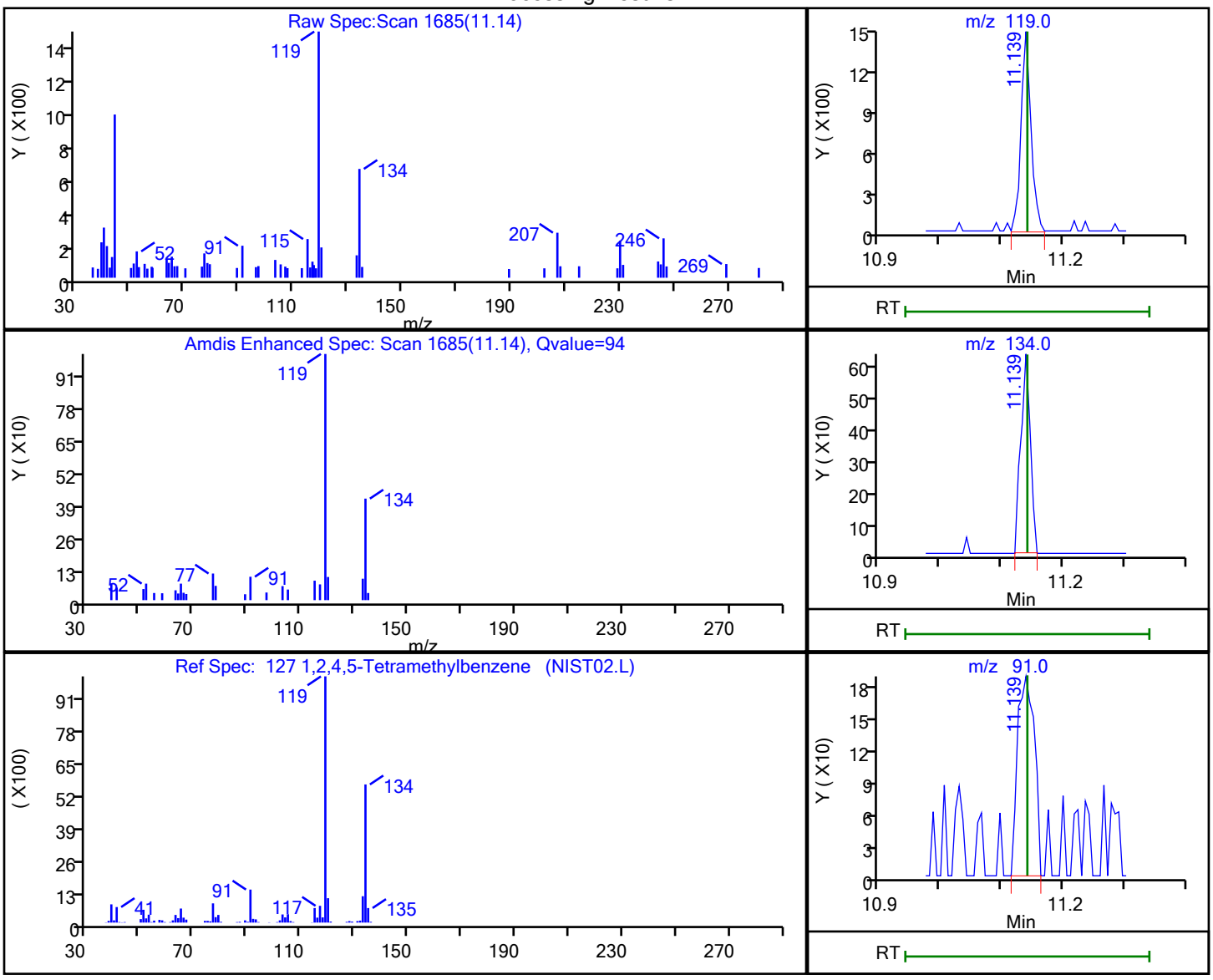
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.14	119.00	1631	0.370150
11.14	134.00	693	
11.14	91.00	360	

Reviewer: PUV6, 22-Feb-2025 18:01:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

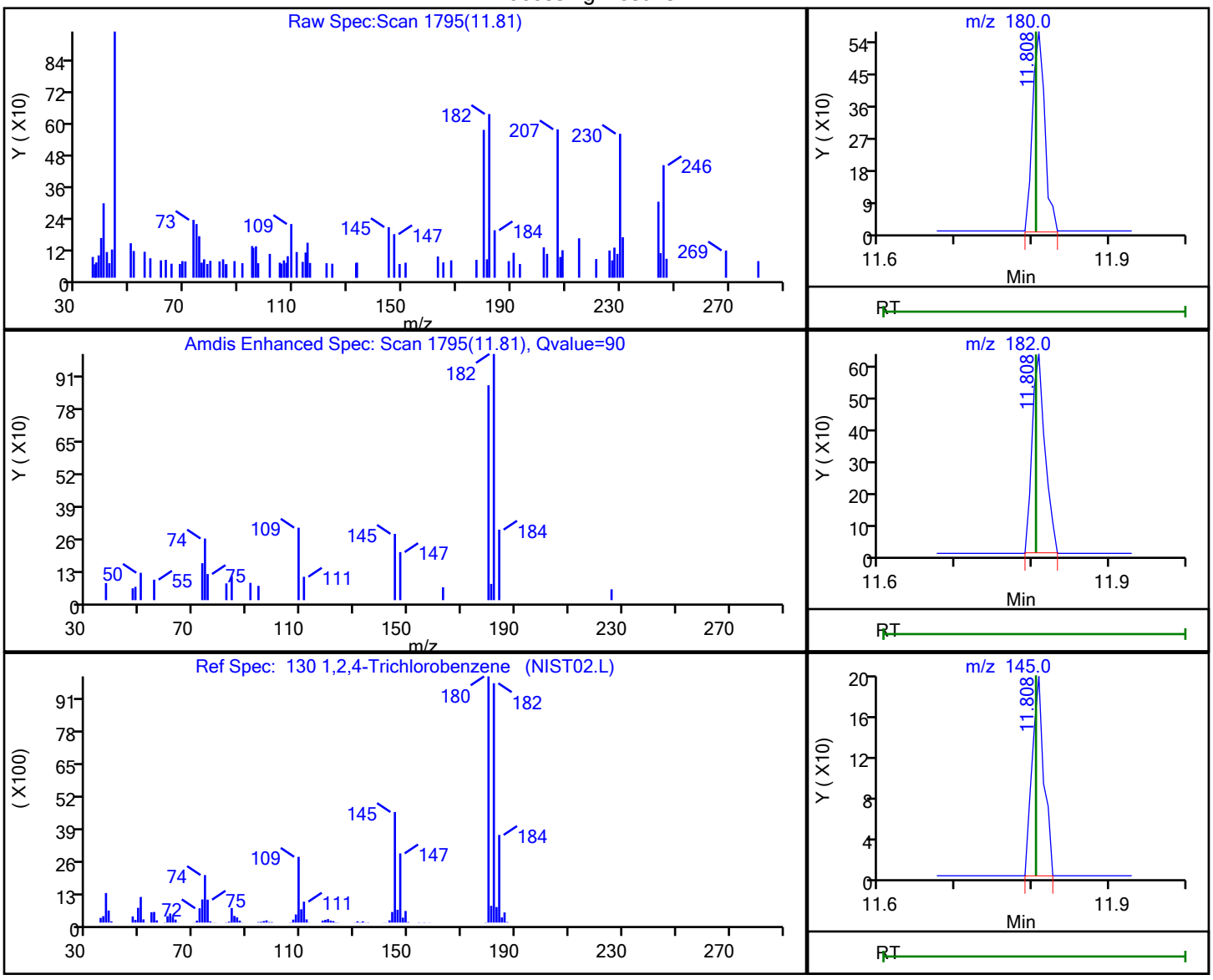
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.81	180.00	630	0.190546
11.81	182.00	742	
11.81	145.00	208	

Reviewer: NN6A, 23-Feb-2025 10:52:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

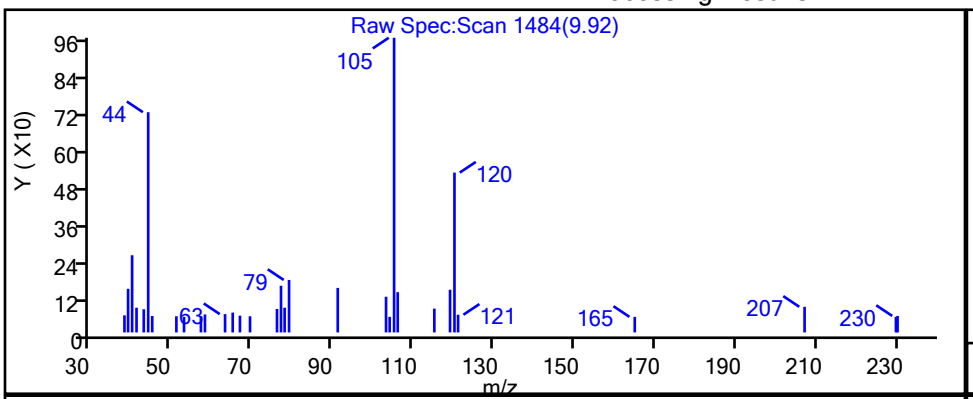
User Disabled Compound Report

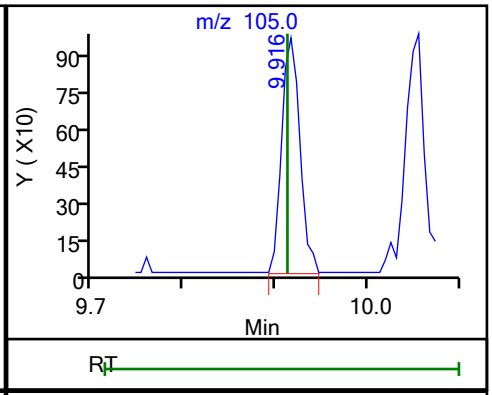
Eurofins Edison

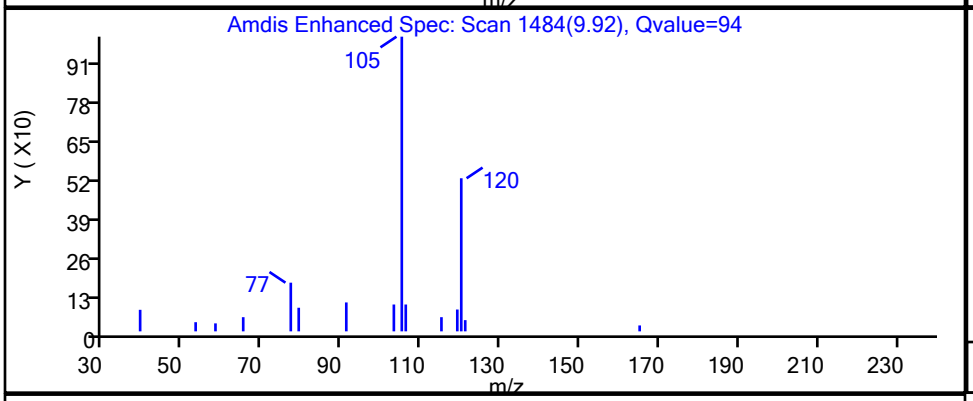
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

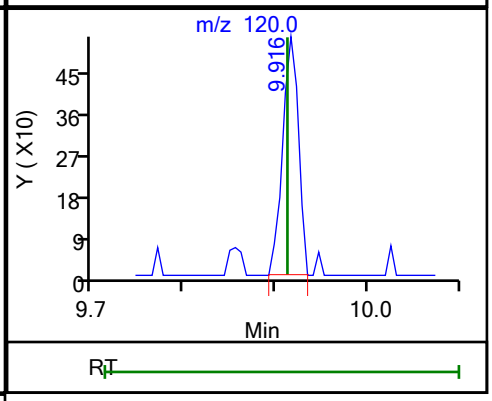
115 1,2,4-Trimethylbenzene, CAS: 95-63-6

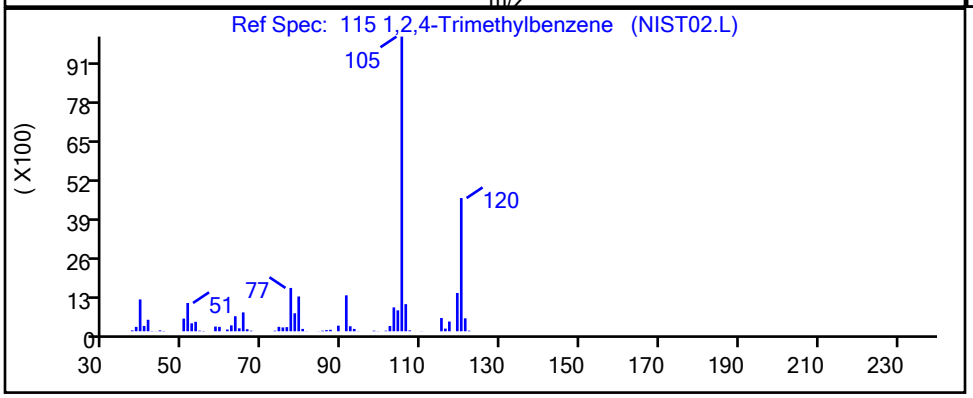
Processing Results











RT	Mass	Response	Amount
9.92	105.00	1336	0.238255
9.92	120.00	633	

Reviewer: PUV6, 22-Feb-2025 18:01:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

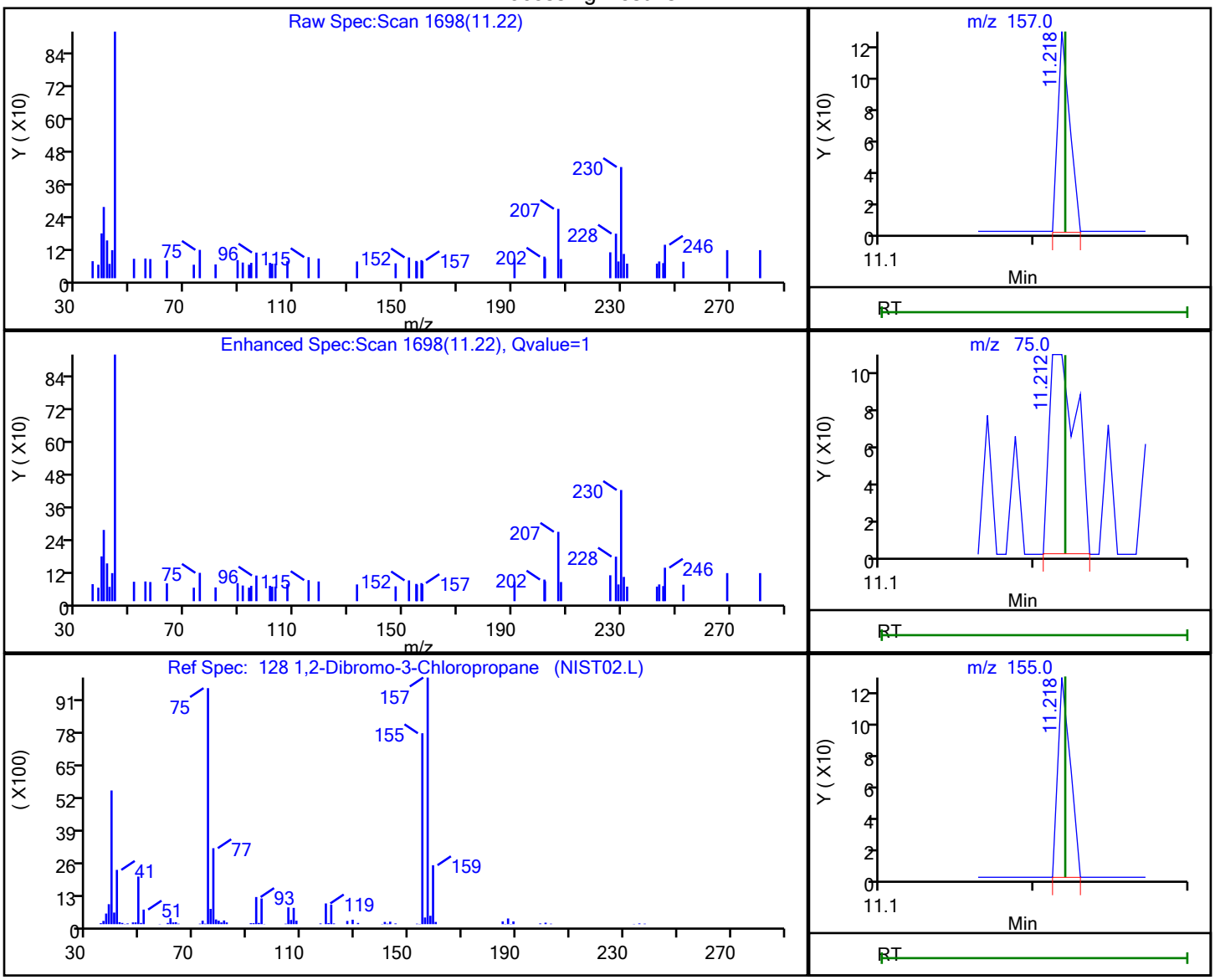
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.22	157.00	70	0.161393
11.21	75.00	130	
11.22	155.00	70	

Reviewer: NN6A, 23-Feb-2025 10:52:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

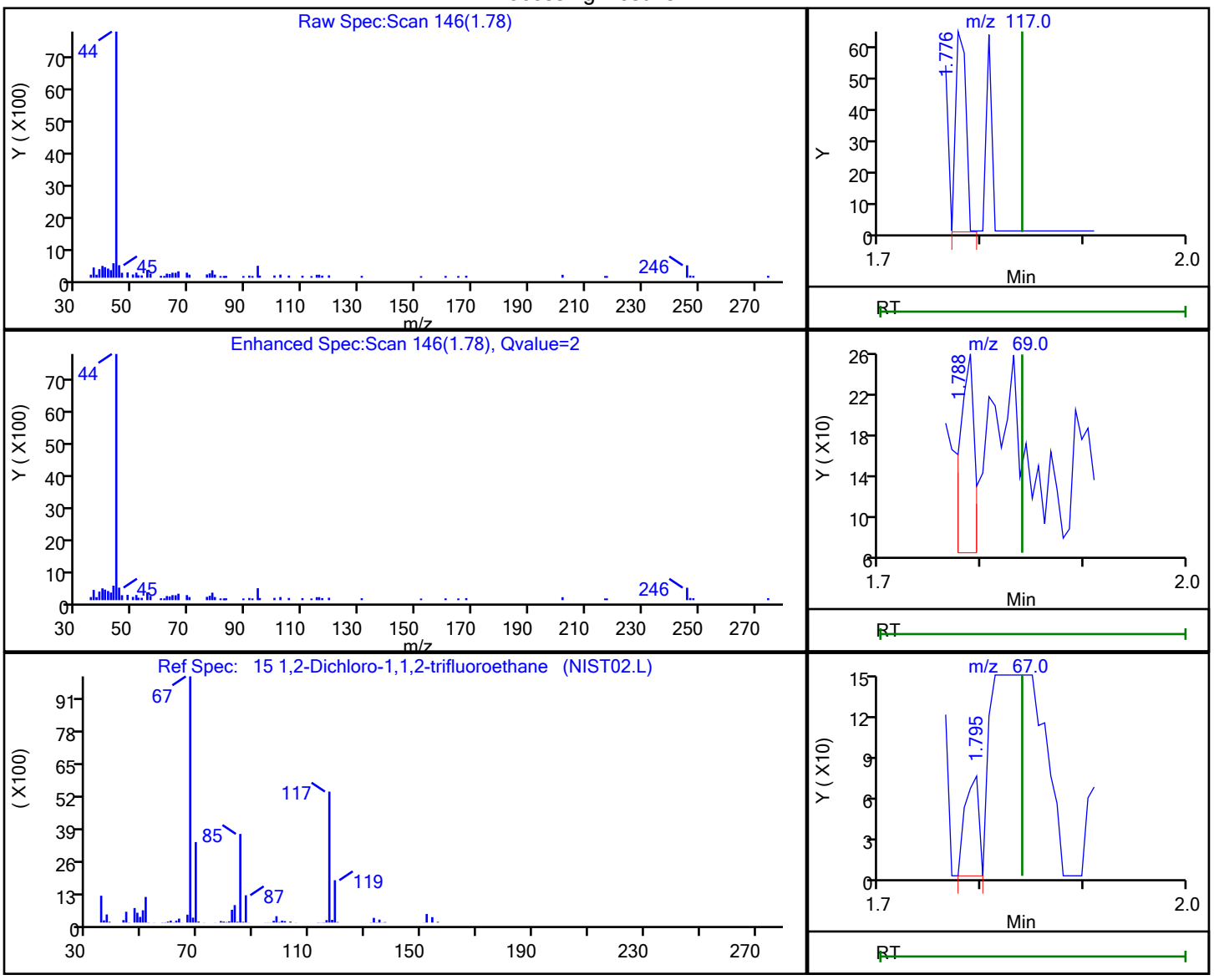
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.78	117.00	45	0.022067
1.79	69.00	187	
1.79	67.00	68	
1.78	119.00	28	

Reviewer: PUV6, 22-Feb-2025 17:57:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

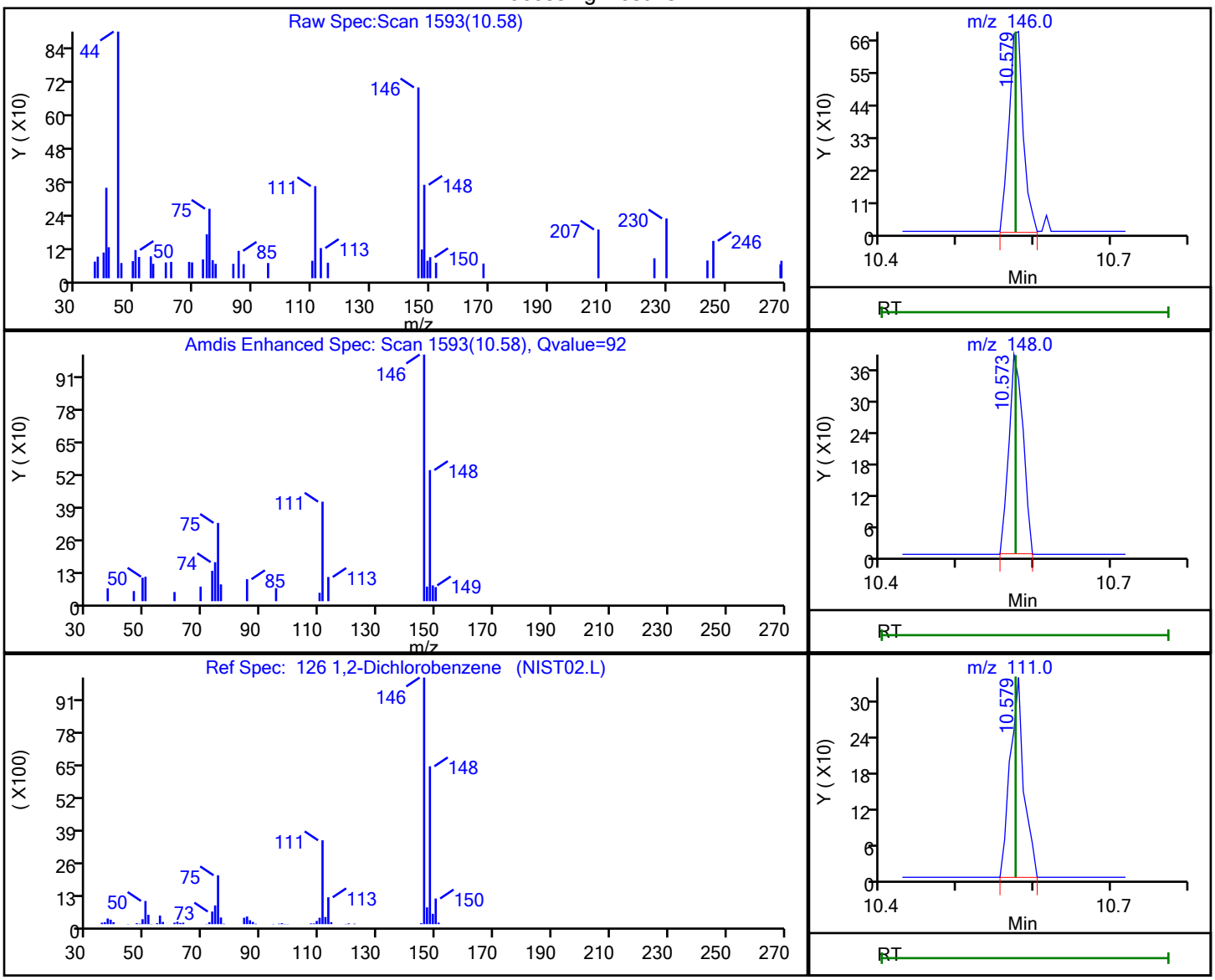
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.58	146.00	894	0.211093
10.57	148.00	499	
10.58	111.00	413	

Reviewer: NN6A, 23-Feb-2025 10:52:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

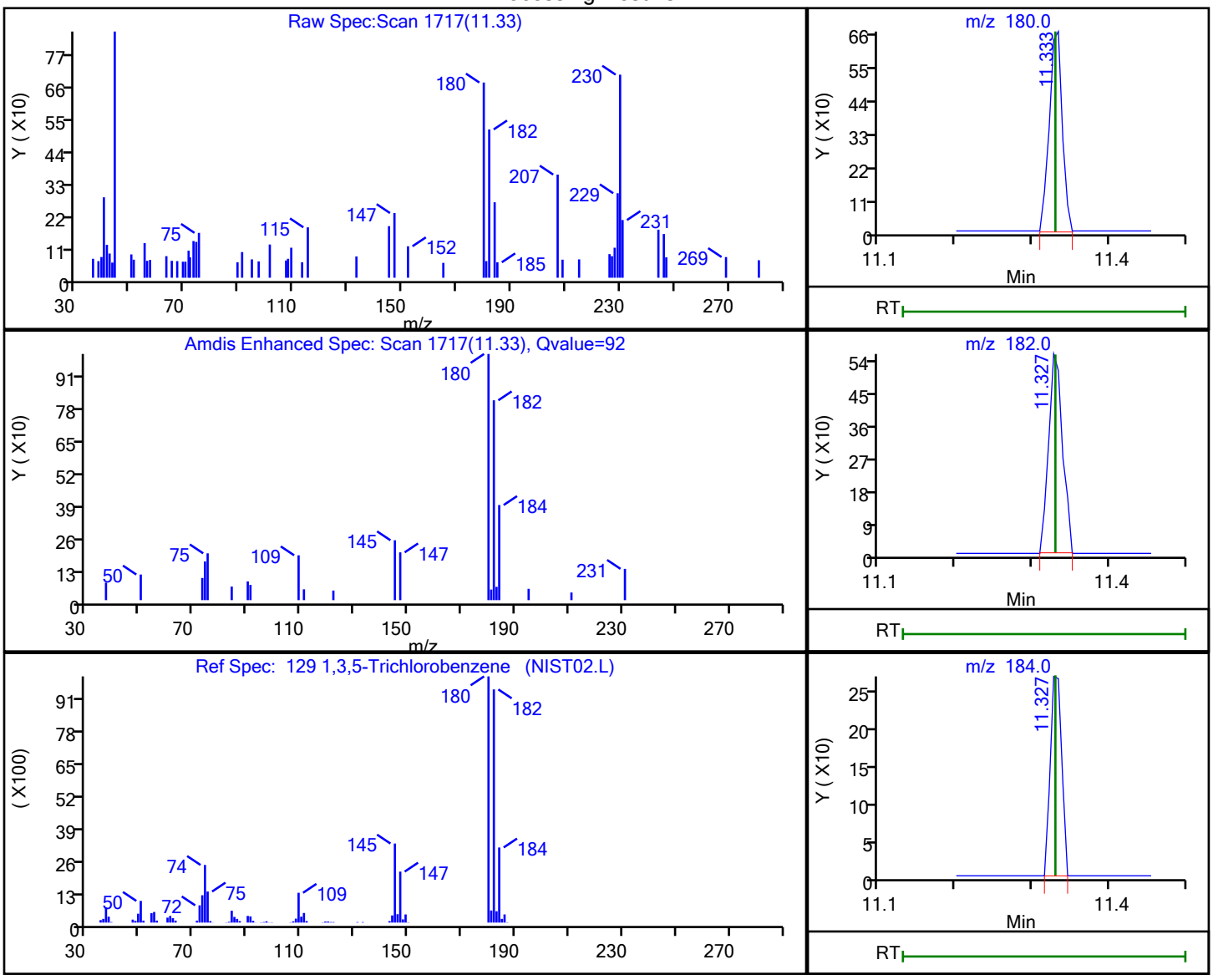
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.33	180.00	793	0.445989
11.33	182.00	706	
11.33	184.00	274	

Reviewer: PUV6, 22-Feb-2025 18:01:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

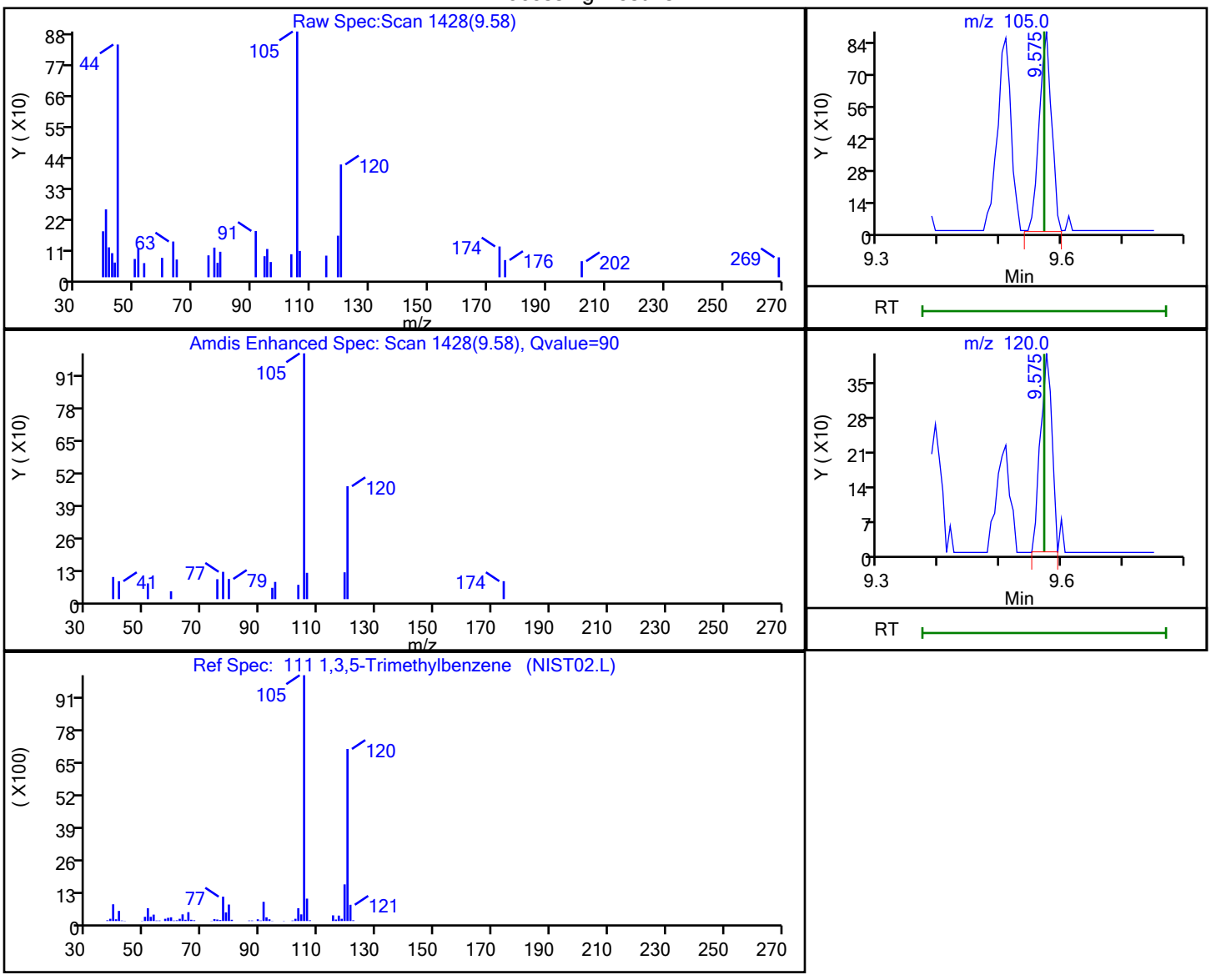
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.58	105.00	1229	0.229023
9.58	120.00	532	

Reviewer: PUV6, 22-Feb-2025 18:00:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

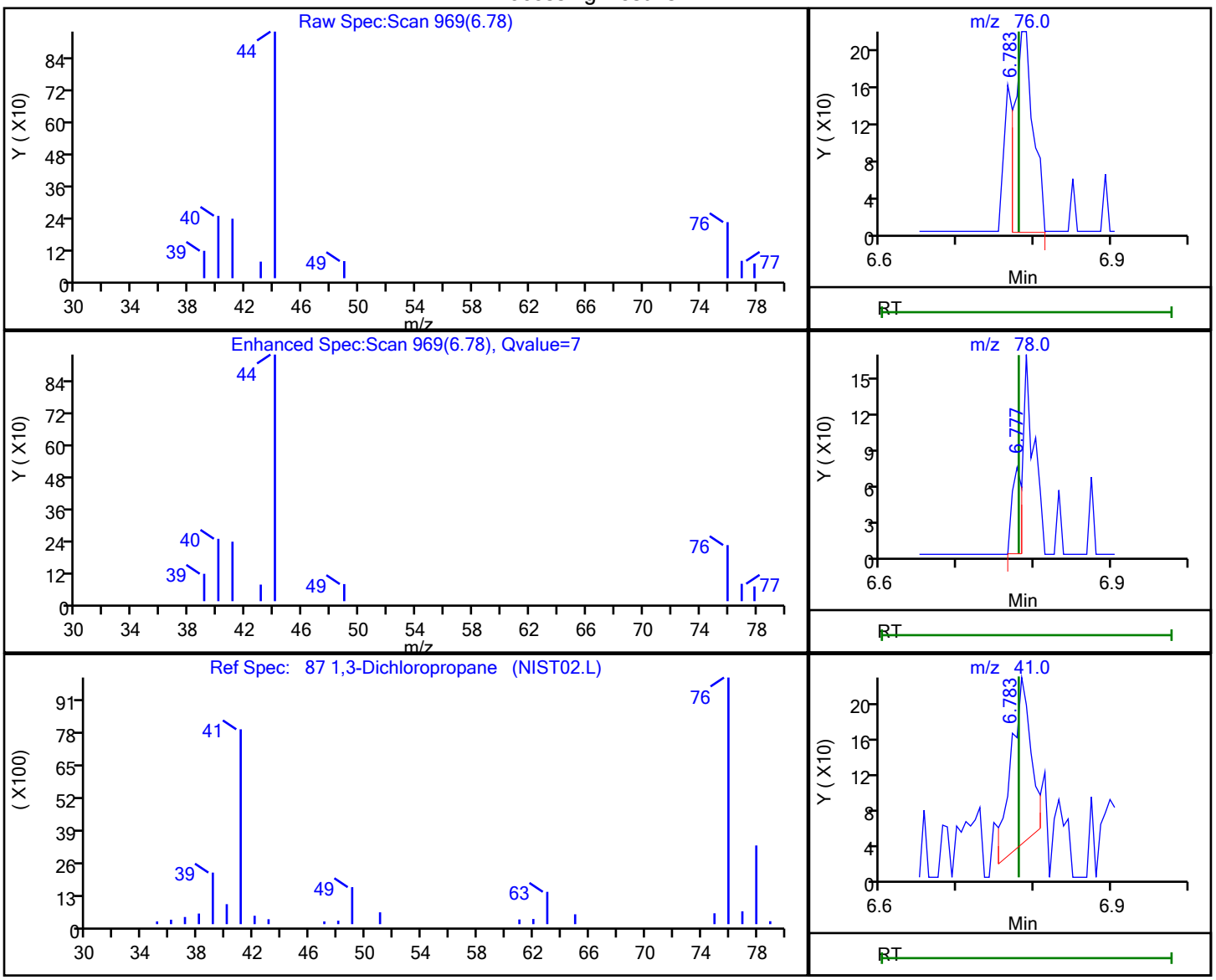
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.78	76.00	360	0.171986
6.78	78.00	66	
6.78	41.00	341	

Reviewer: NN6A, 23-Feb-2025 10:52:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

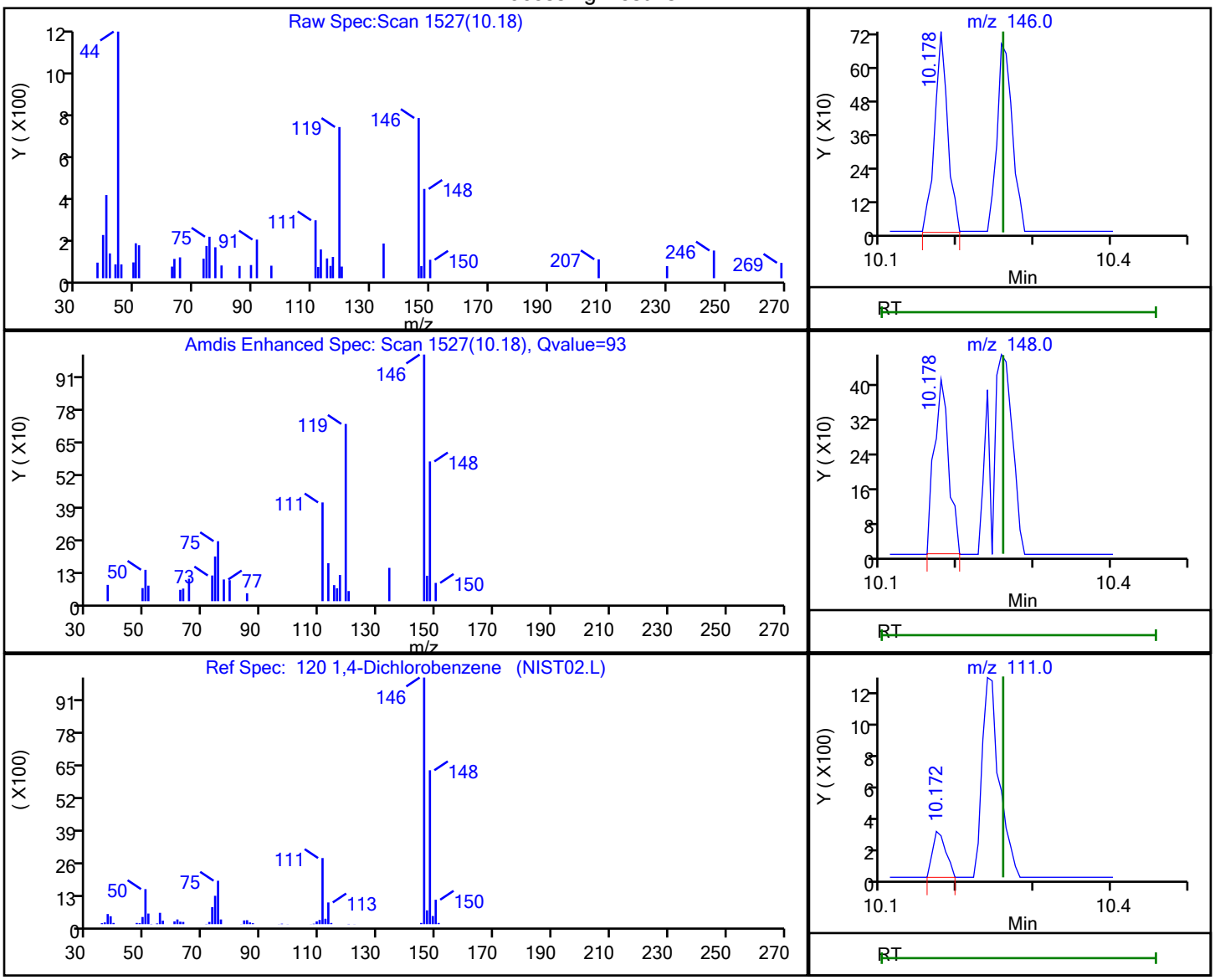
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.18	146.00	854	0.210774
10.18	148.00	540	
10.17	111.00	349	

Reviewer: NN6A, 23-Feb-2025 10:52:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

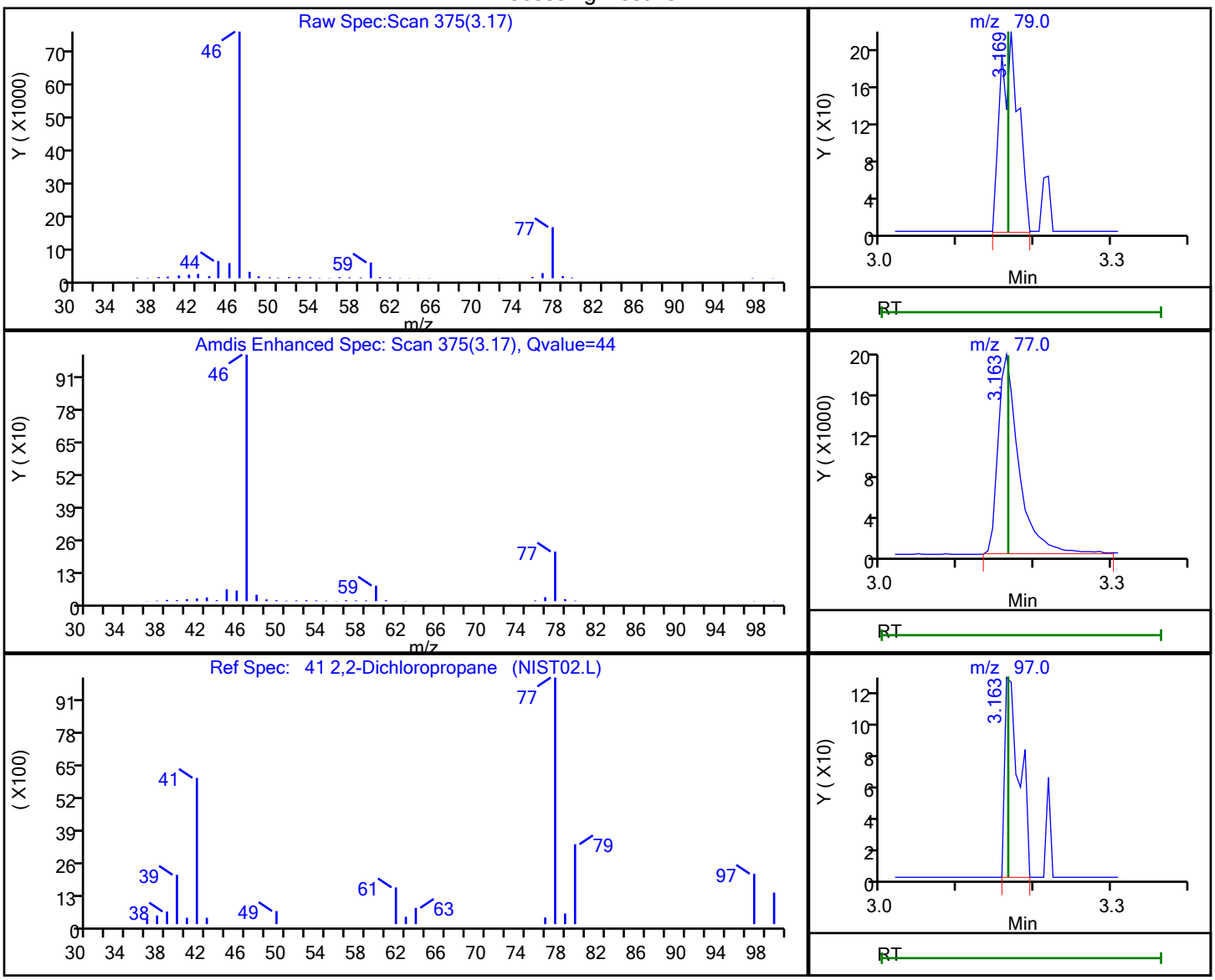
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.17	79.00	348	0.248277
3.16	77.00	36540	
3.16	97.00	160	

Reviewer: NN6A, 23-Feb-2025 10:51:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

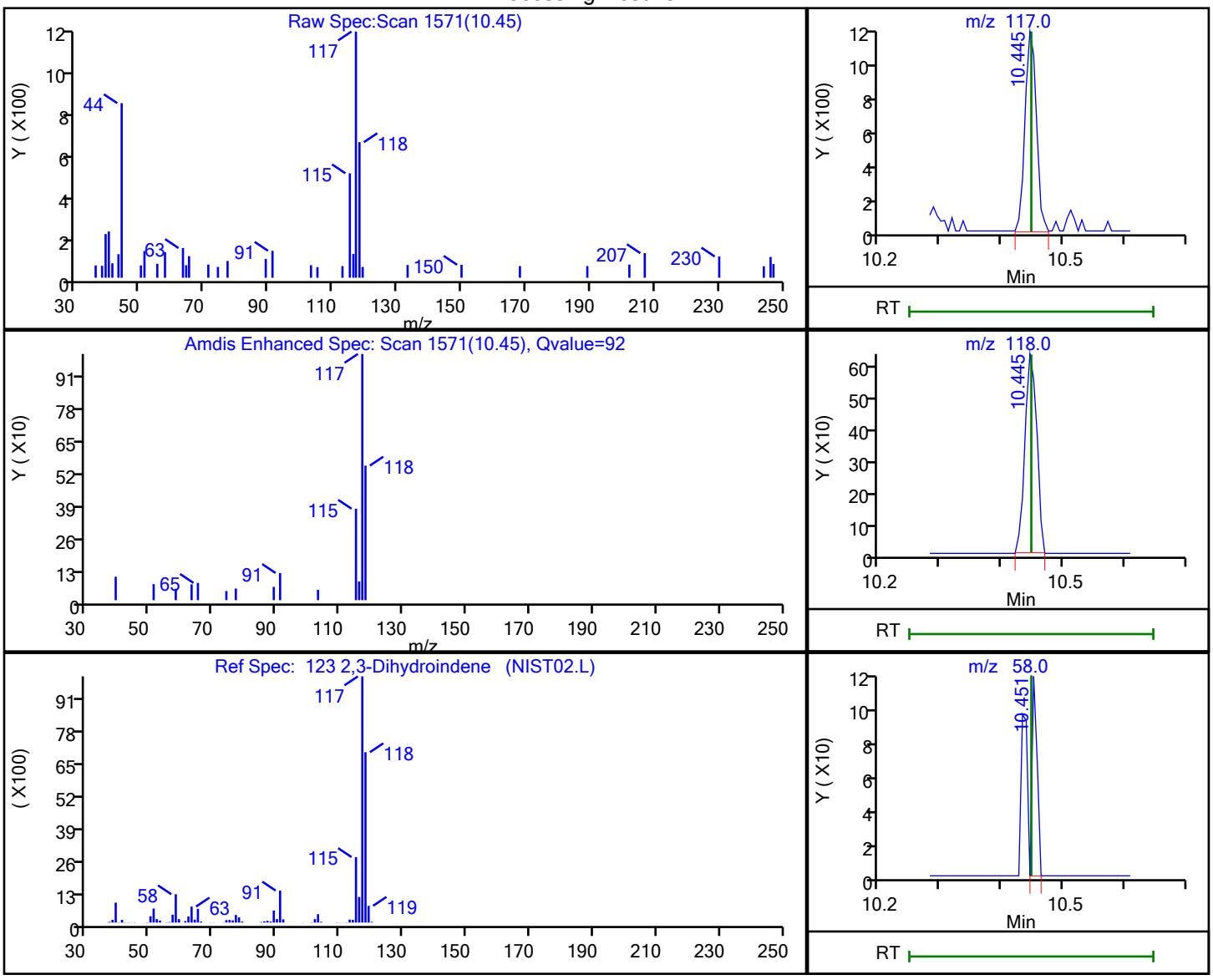
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.45	117.00	1503	0.236216
10.45	118.00	867	
10.45	58.00	66	

Reviewer: PUV6, 22-Feb-2025 18:01:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

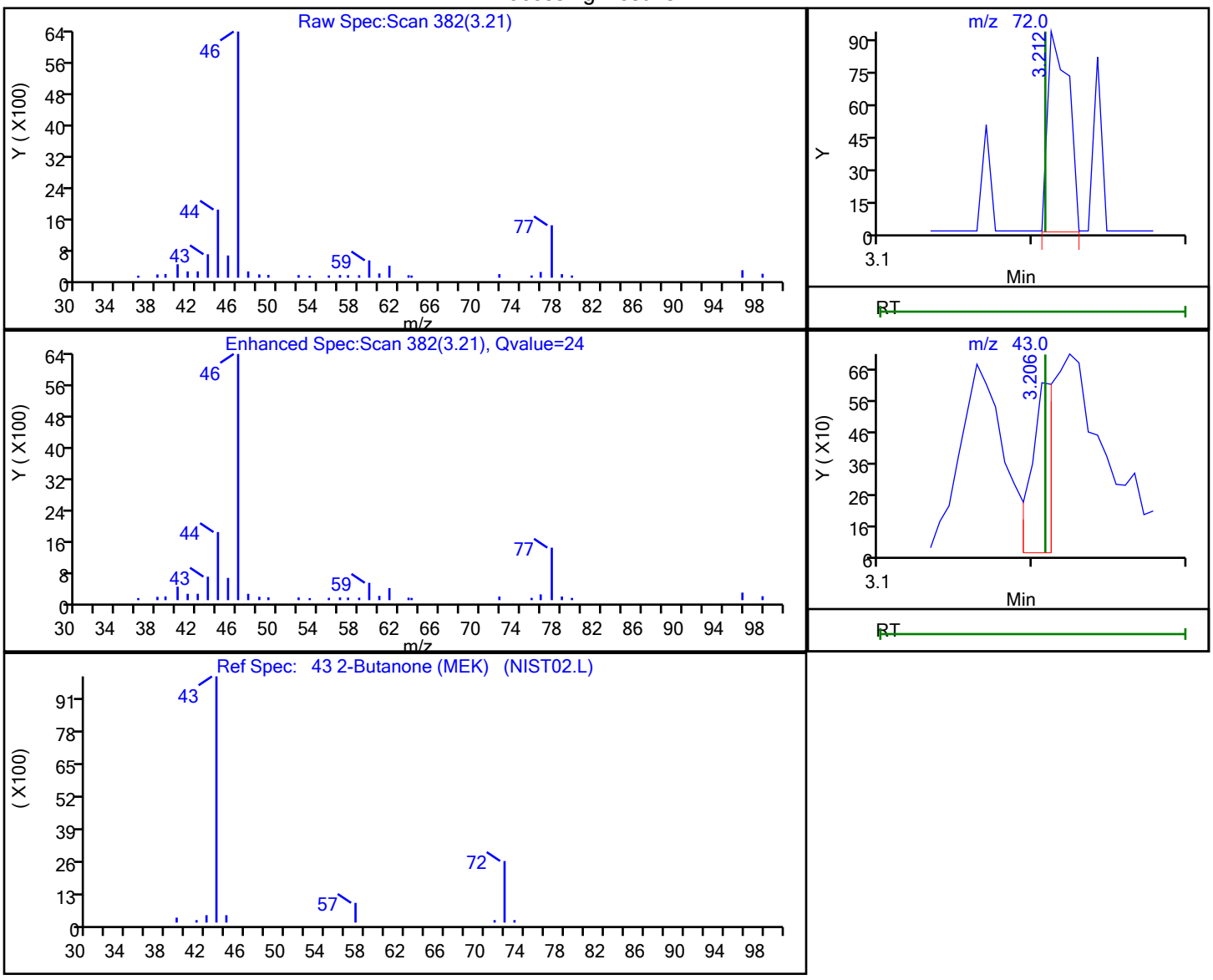
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.21	72.00	89	0.546696
3.21	43.00	566	

Reviewer: PUV6, 22-Feb-2025 17:58:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

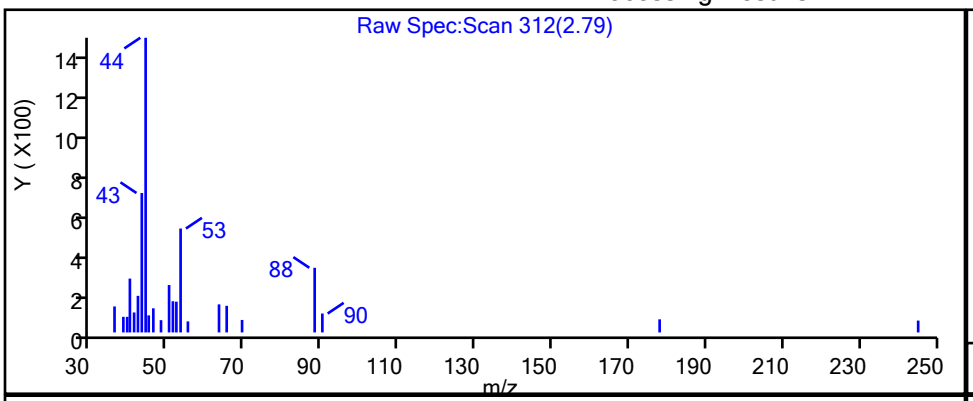
User Disabled Compound Report

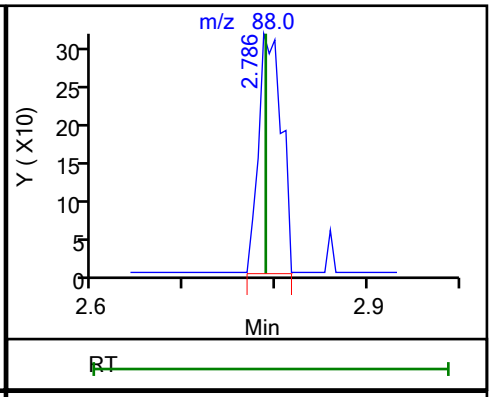
Eurofins Edison

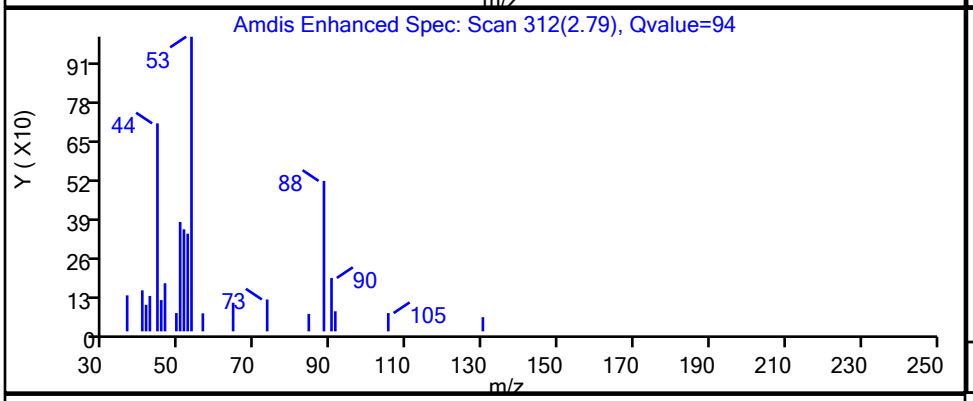
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

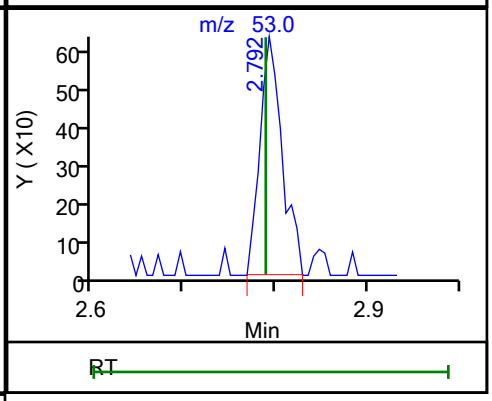
38 2-Chloro-1,3-butadiene, CAS: 126-99-8

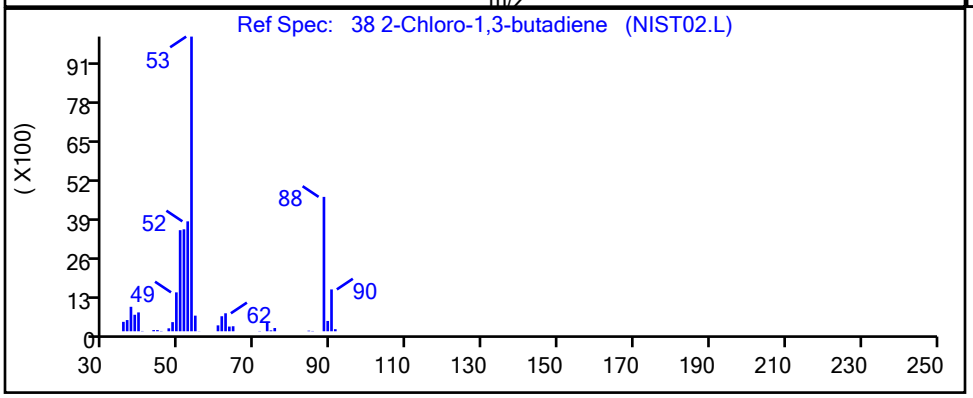
Processing Results











RT	Mass	Response	Amount
2.79	88.00	541	0.230964
2.79	53.00	1072	

Reviewer: PUV6, 22-Feb-2025 17:58:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

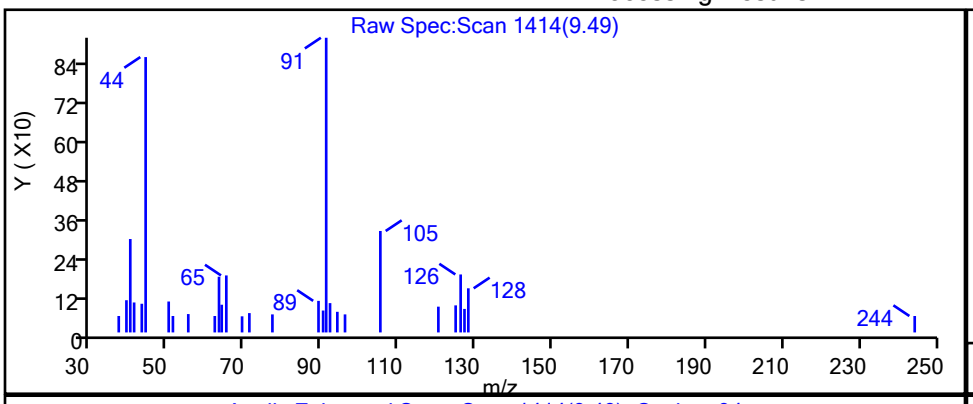
User Disabled Compound Report

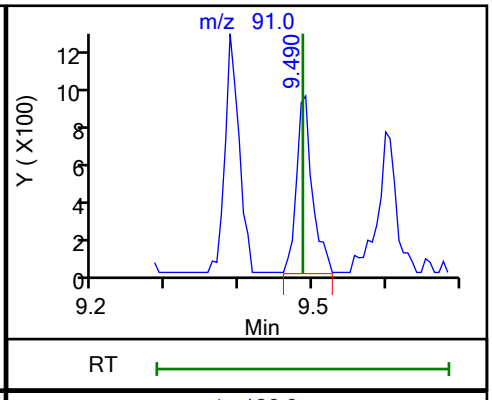
Eurofins Edison

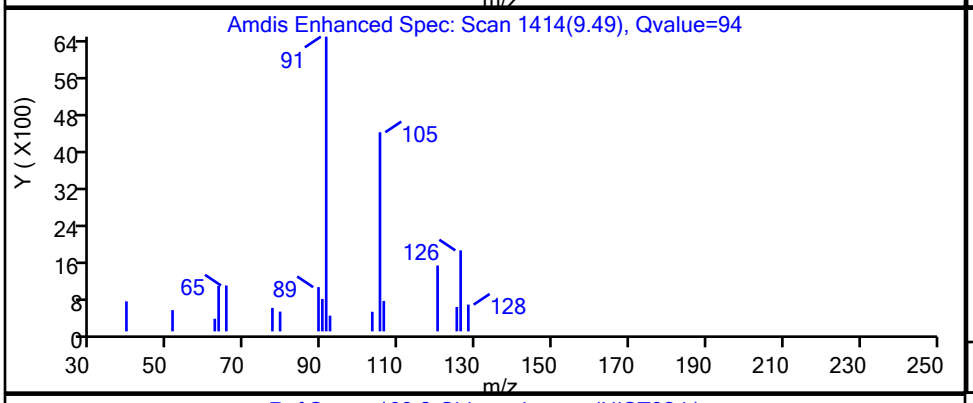
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

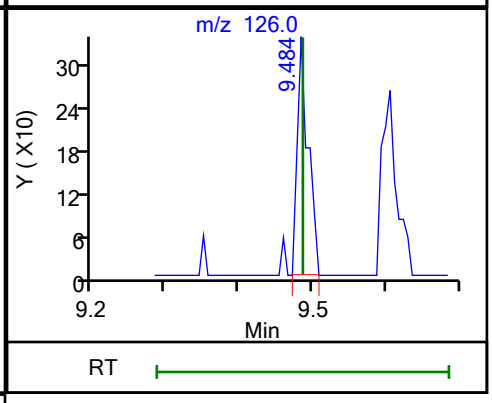
109 2-Chlorotoluene, CAS: 95-49-8

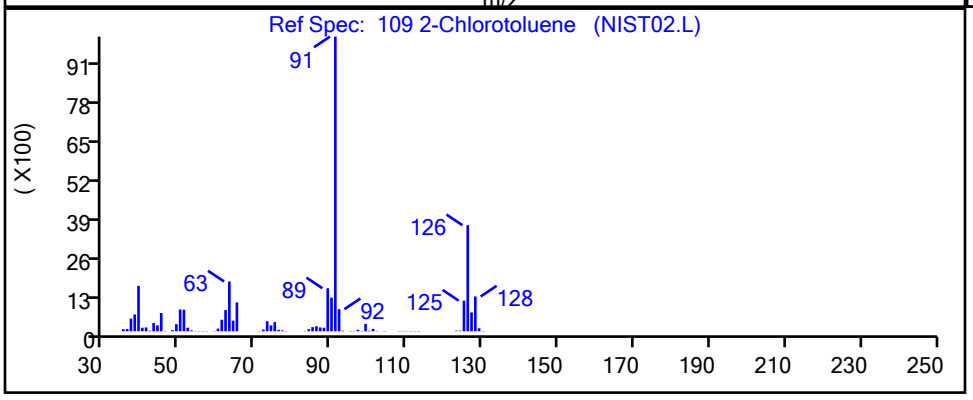
Processing Results











RT	Mass	Response	Amount
9.49	91.00	1368	0.223828
9.48	126.00	348	

Reviewer: PUV6, 22-Feb-2025 18:00:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

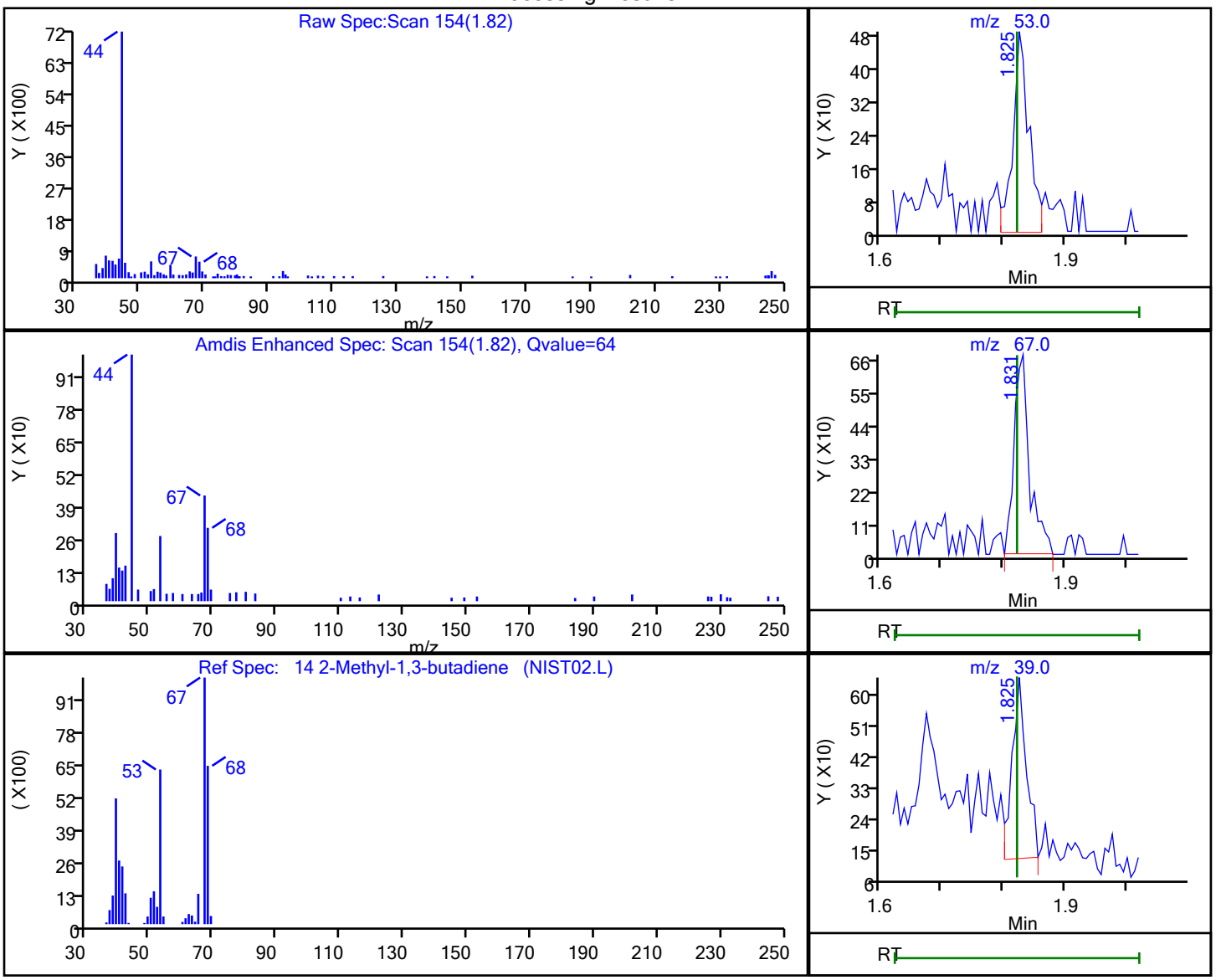
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.82	53.00	874	0.441951
1.83	67.00	1193	
1.82	39.00	863	

Reviewer: PUV6, 22-Feb-2025 17:57:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

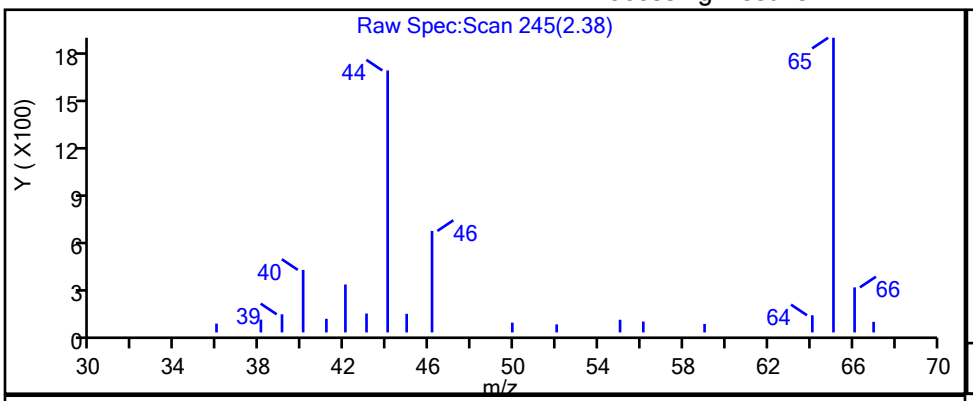
User Disabled Compound Report

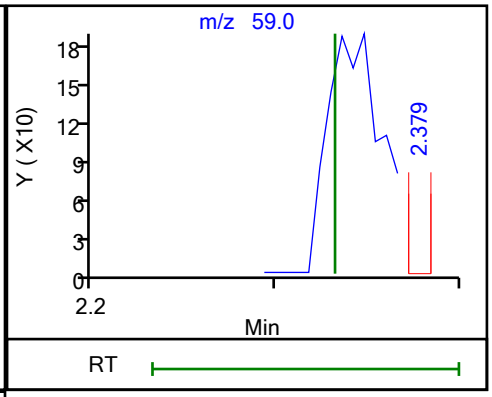
Eurofins Edison

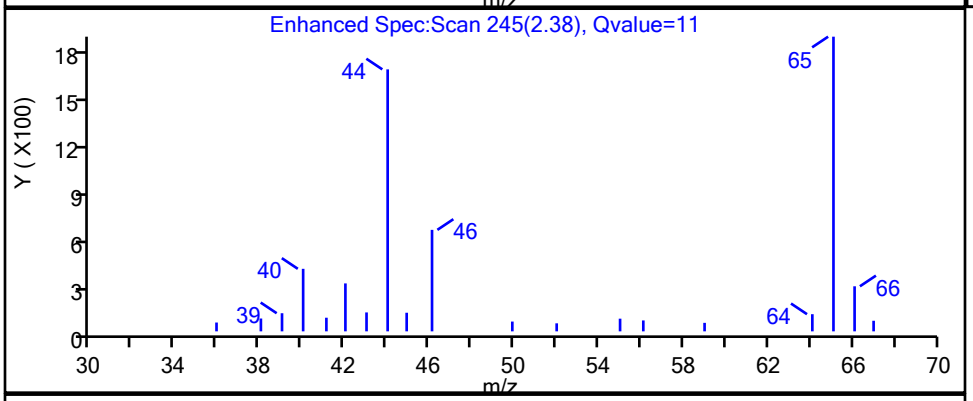
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Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

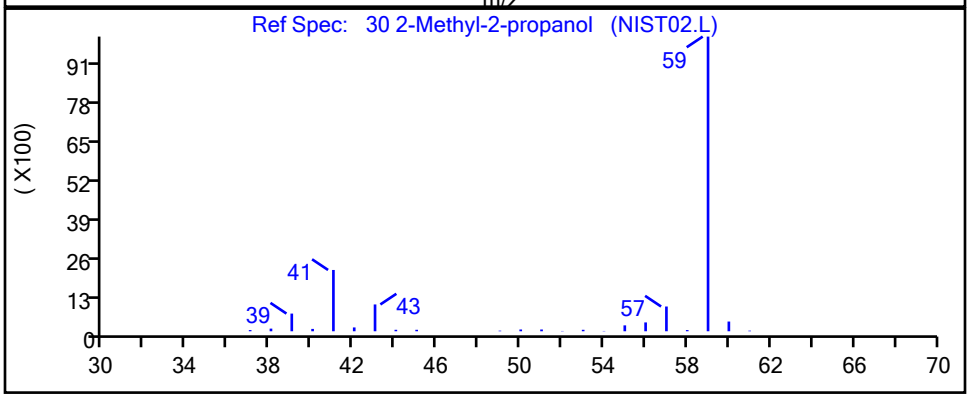
30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
2.38	59.00	19	0.180112

Reviewer: PUV6, 22-Feb-2025 17:58:15 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

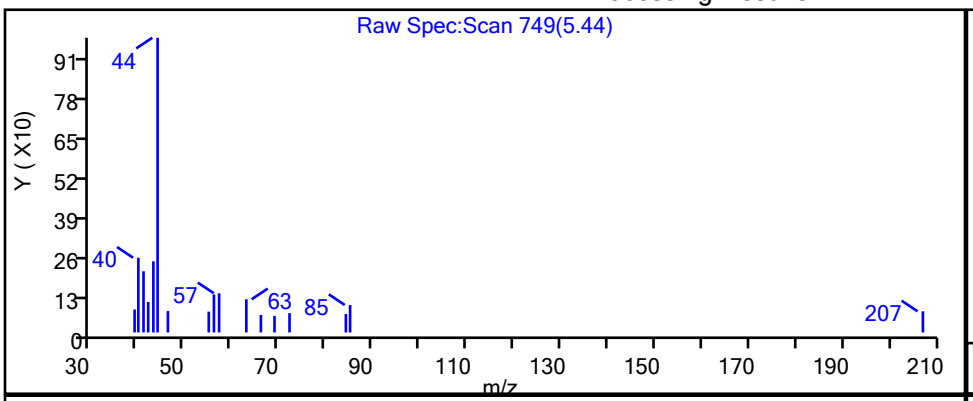
User Disabled Compound Report

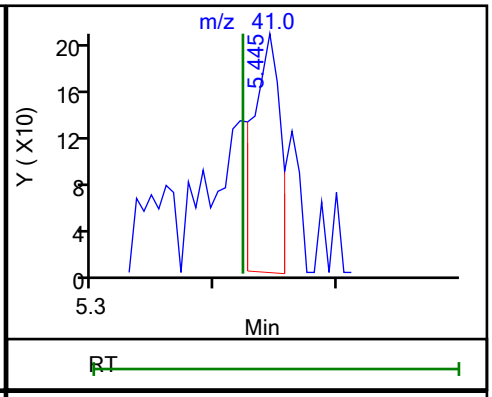
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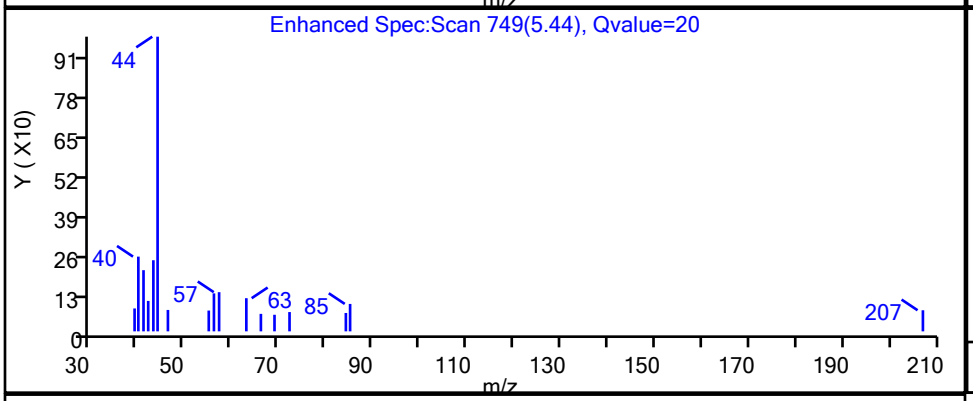
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

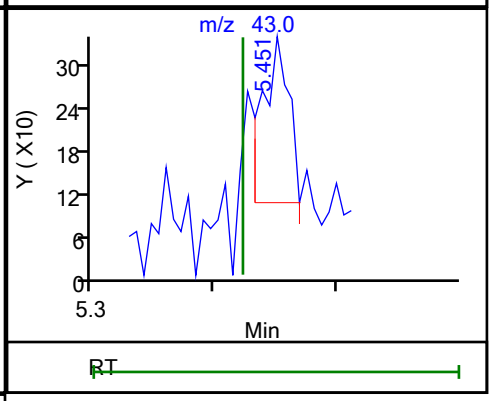
76 2-Nitropropane, CAS: 79-46-9

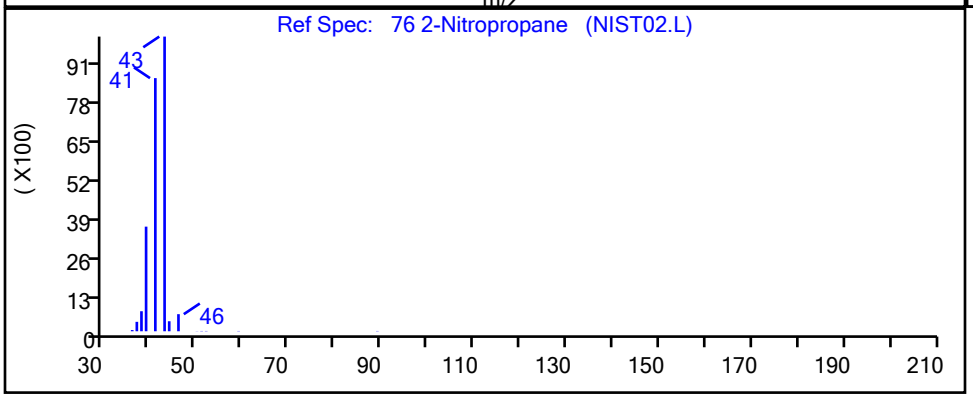
Processing Results











RT	Mass	Response	Amount
5.44	41.00	320	0.885848
5.45	43.00	347	

Reviewer: PUV6, 22-Feb-2025 17:59:47 -05:00:00 (UTC)
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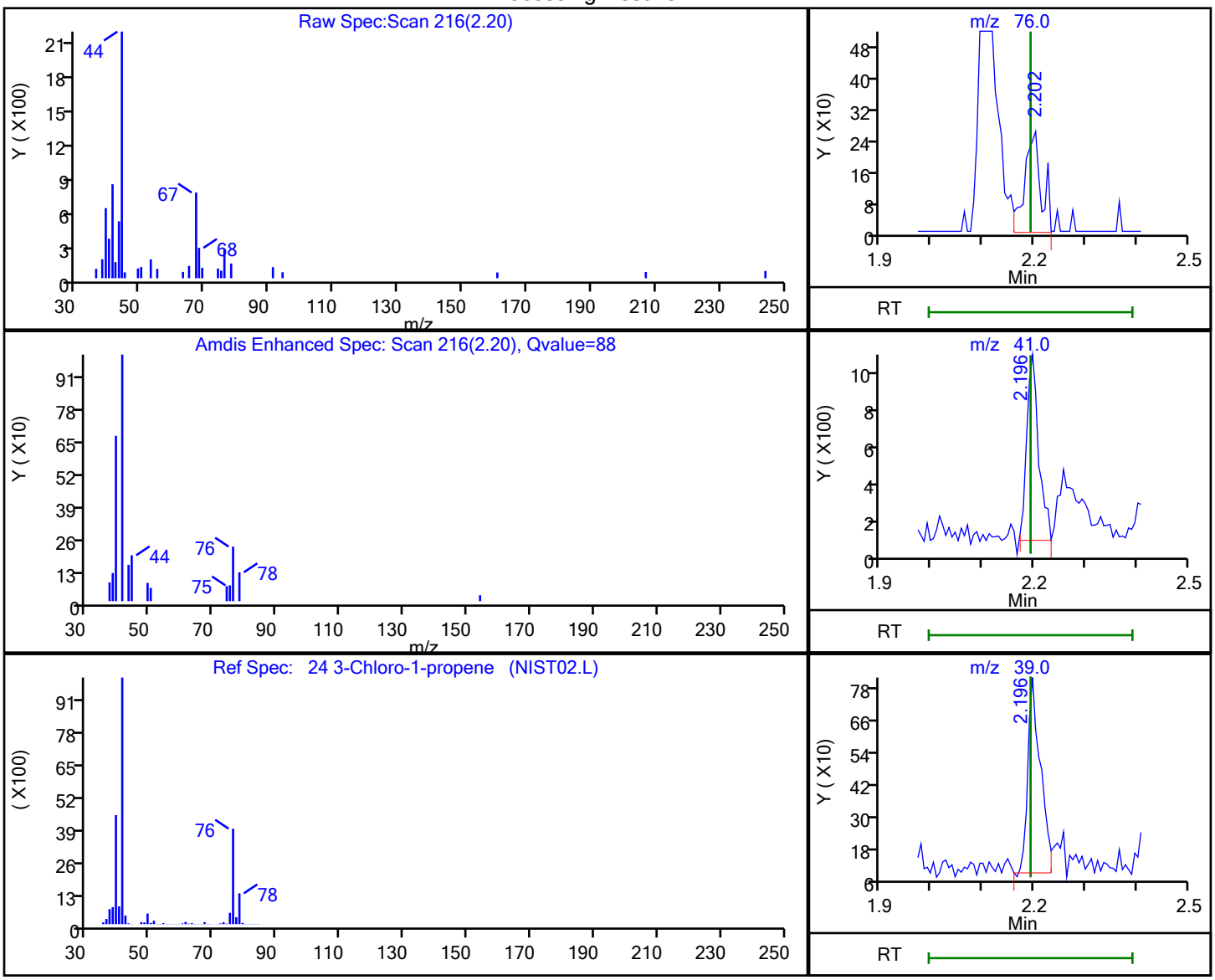
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D				
Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.20	76.00	571	0.419136
2.20	41.00	1545	
2.20	39.00	1269	

Reviewer: PUV6, 22-Feb-2025 17:58:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

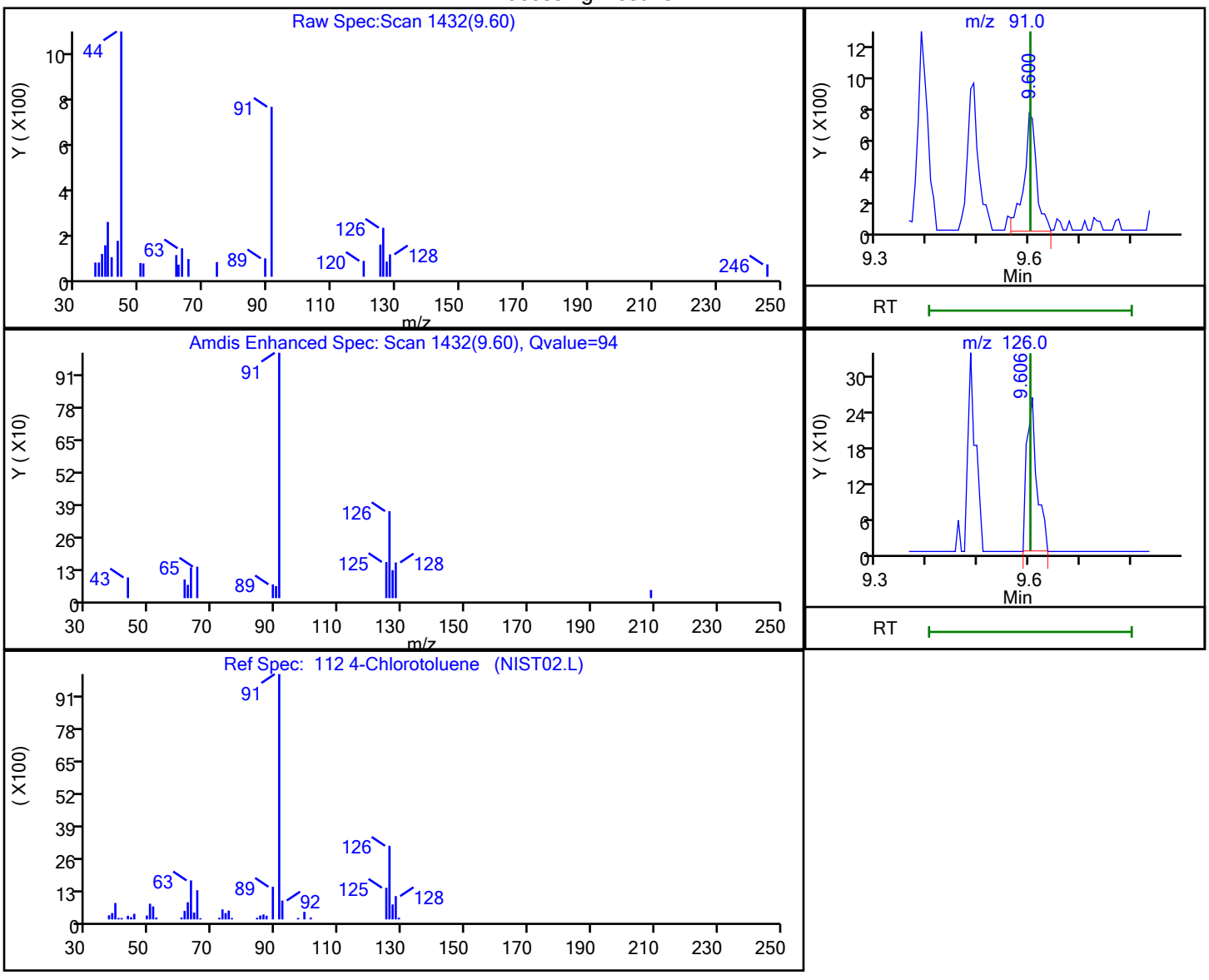
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.60	91.00	1248	0.209409
9.61	126.00	364	

Reviewer: PUV6, 22-Feb-2025 18:00:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

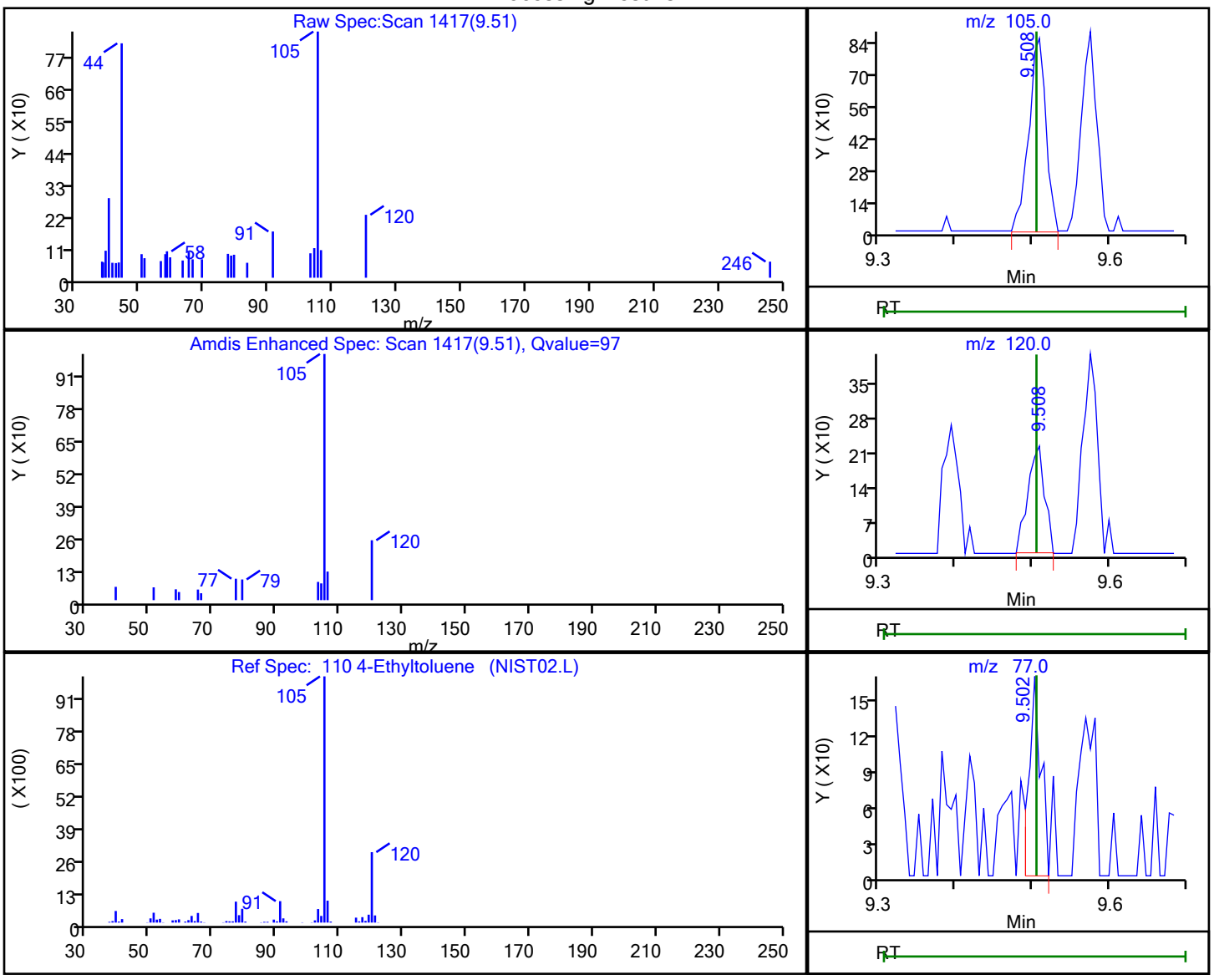
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.51	105.00	1337	0.209330
9.51	120.00	337	
9.50	77.00	180	

Reviewer: PUV6, 22-Feb-2025 18:00:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

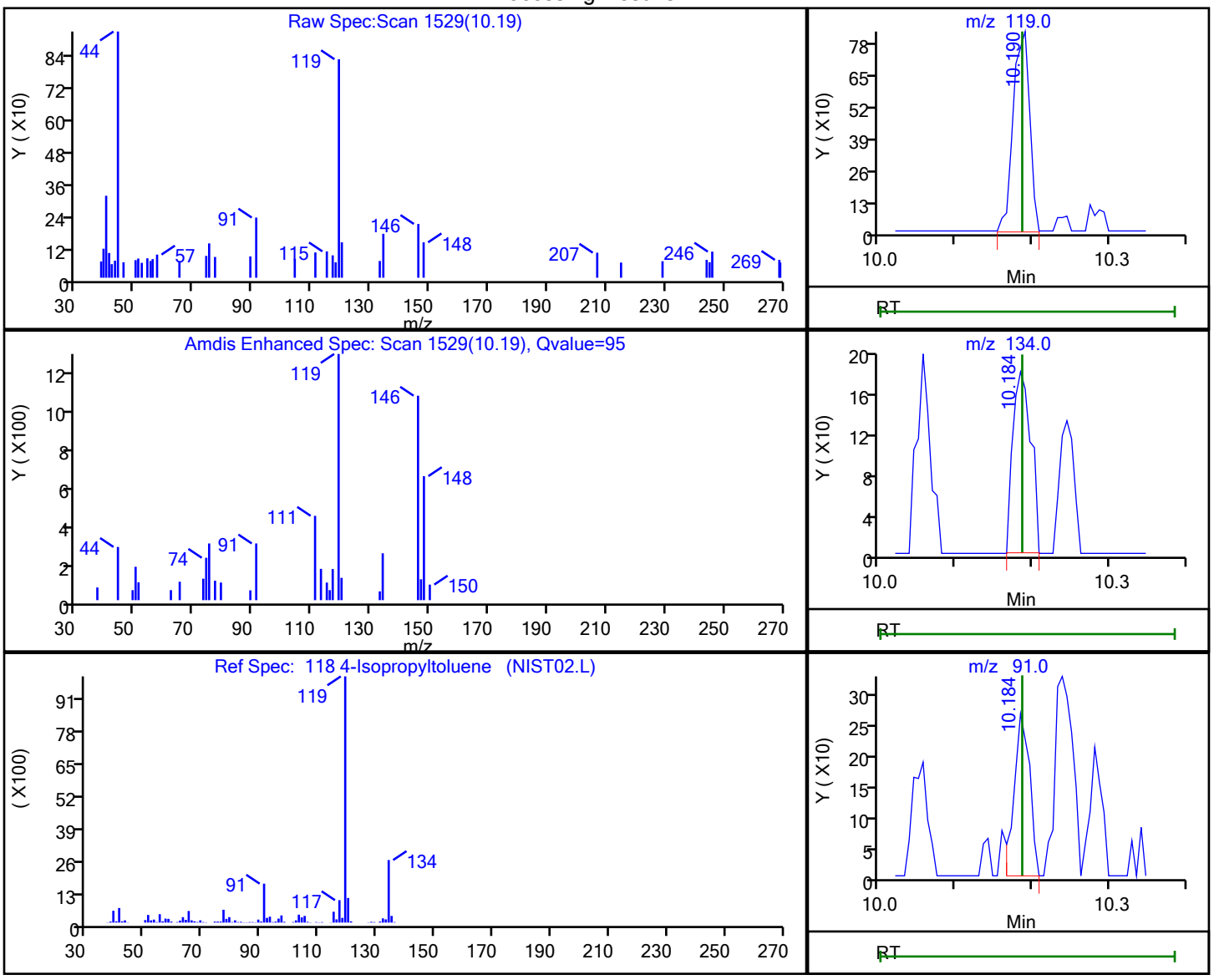
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.19	119.00	1229	0.255537
10.18	134.00	300	
10.18	91.00	381	

Reviewer: PUV6, 22-Feb-2025 18:01:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

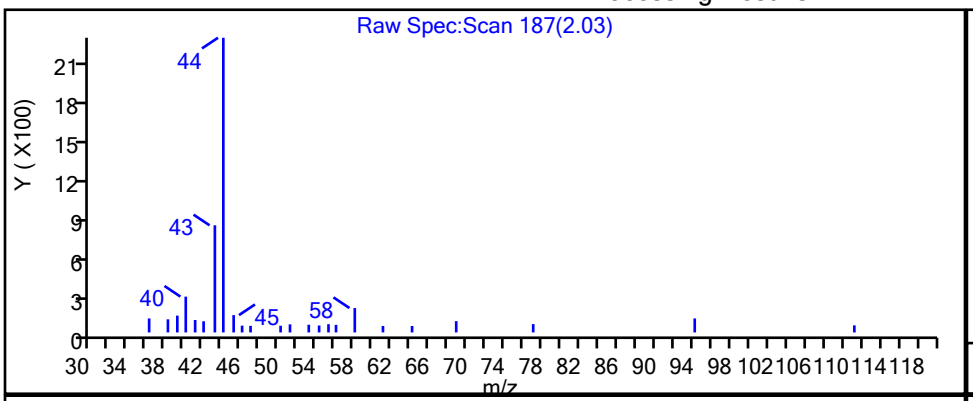
User Disabled Compound Report

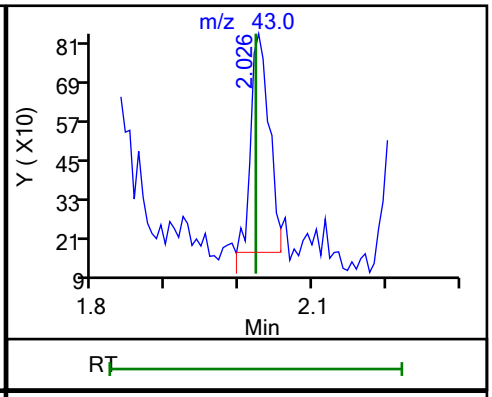
Eurofins Edison

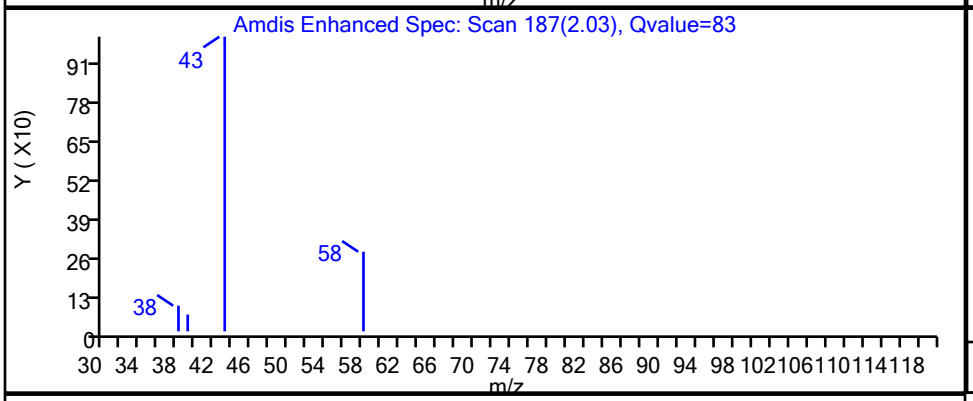
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

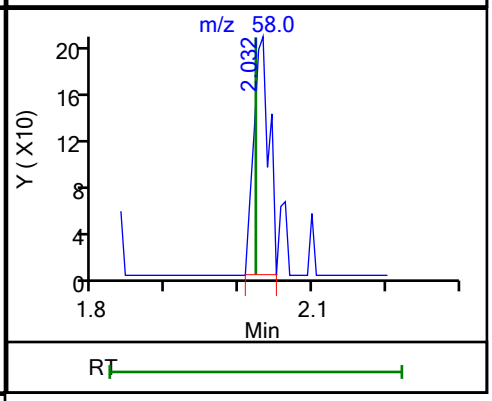
20 Acetone, CAS: 67-64-1

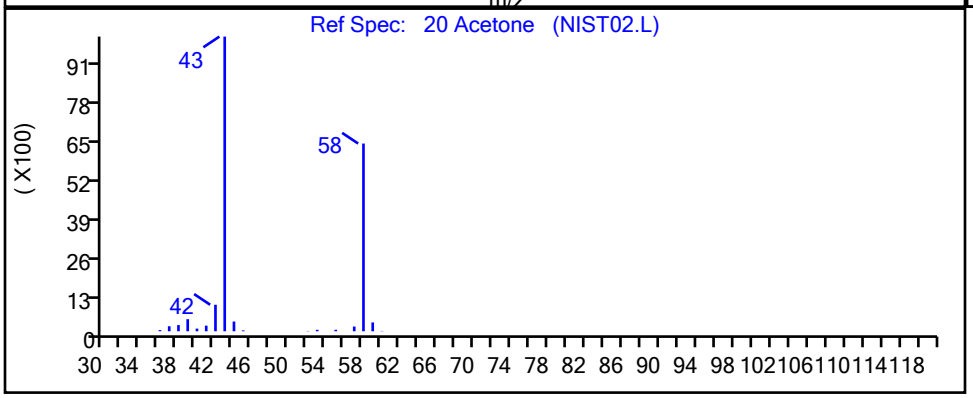
Processing Results











RT	Mass	Response	Amount
2.03	43.00	1201	2.696926
2.03	58.00	292	

Reviewer: PUV6, 22-Feb-2025 17:57:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

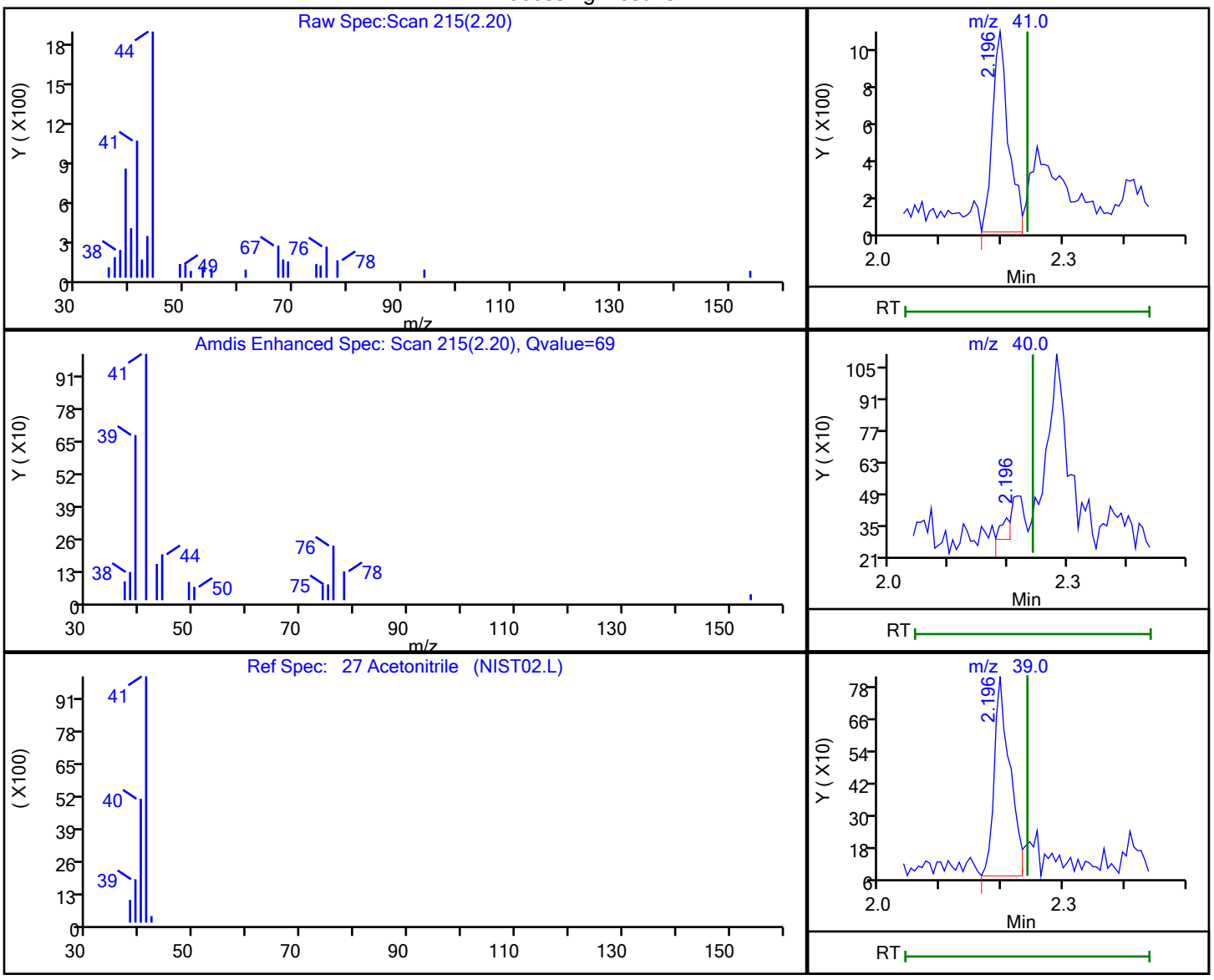
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.20	41.00	1847	10.568825
2.20	40.00	103	
2.20	39.00	1335	
2.20	38.00	170	

Reviewer: PUV6, 22-Feb-2025 17:58:11 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

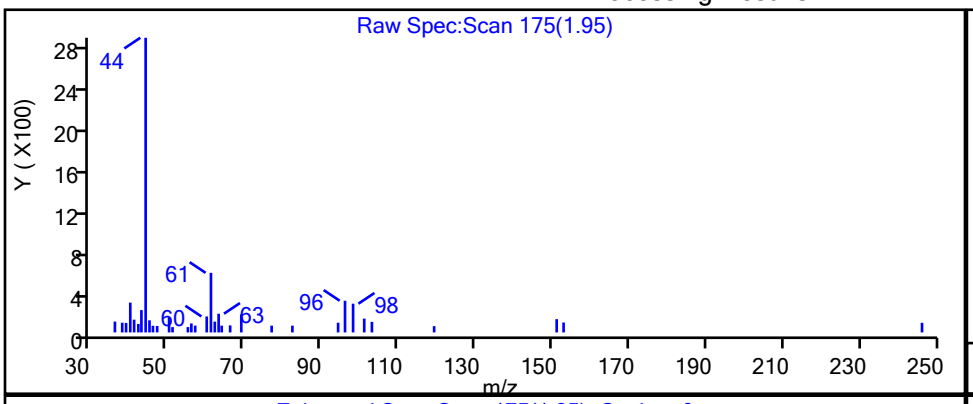
User Disabled Compound Report

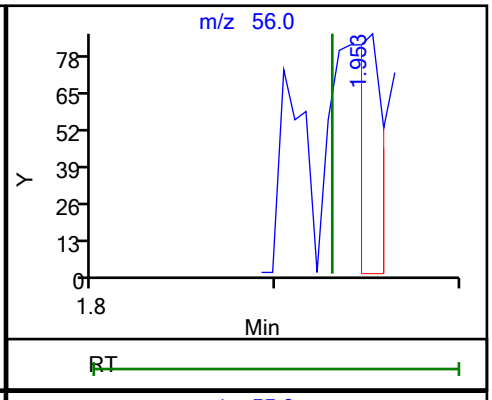
Eurofins Edison

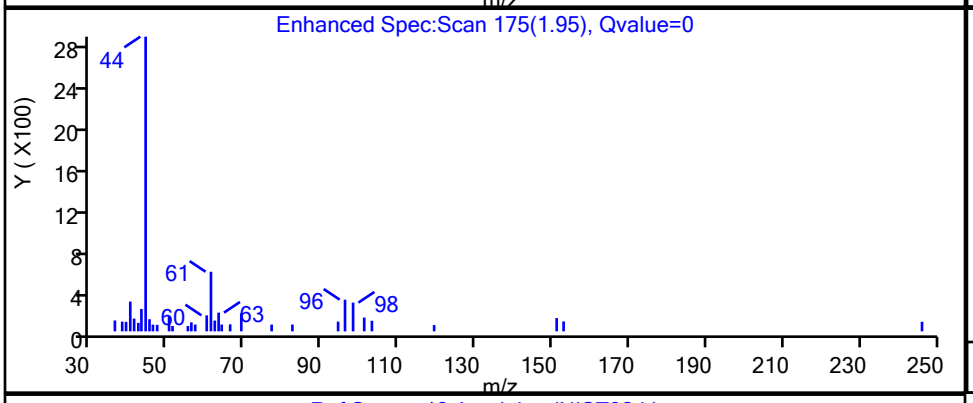
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

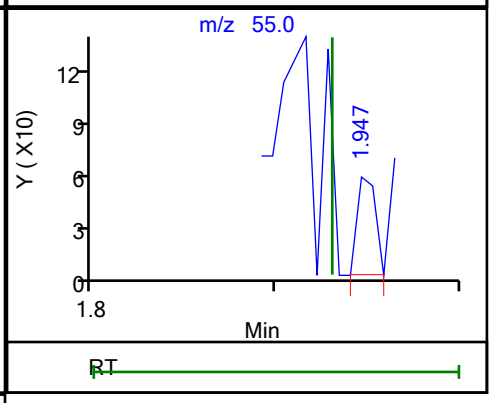
18 Acrolein, CAS: 107-02-8

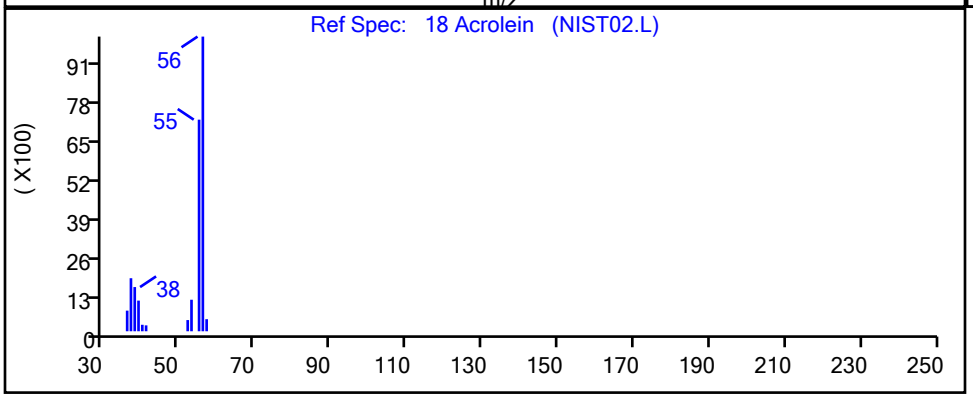
Processing Results











RT	Mass	Response	Amount
1.95	56.00	80	0.241250
1.95	55.00	39	

Reviewer: PUV6, 22-Feb-2025 17:57:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

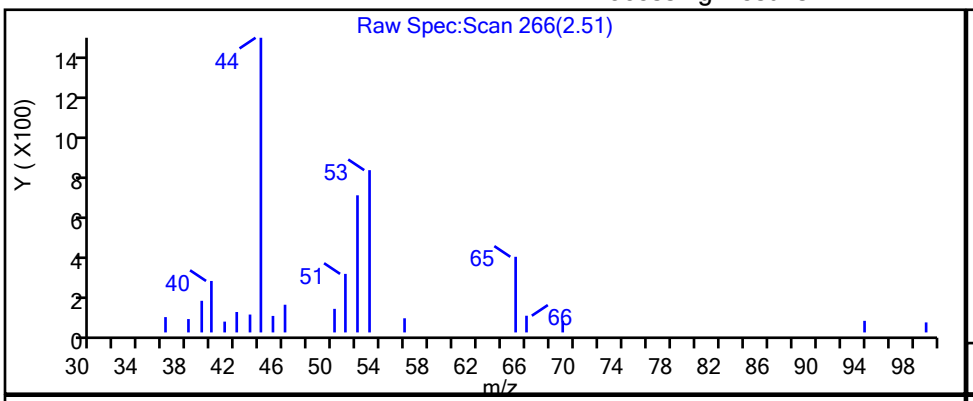
User Disabled Compound Report

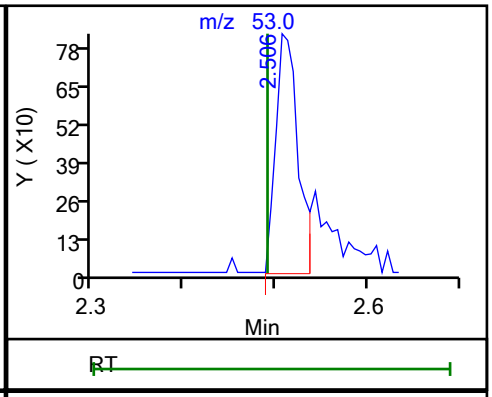
Eurofins Edison

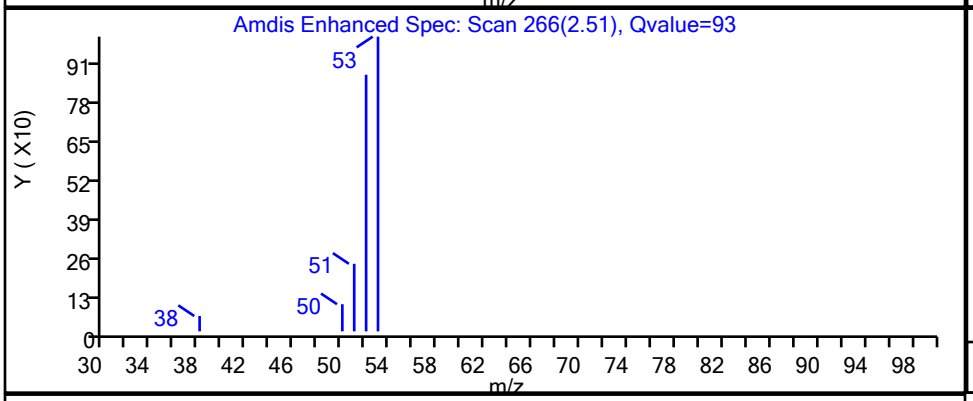
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

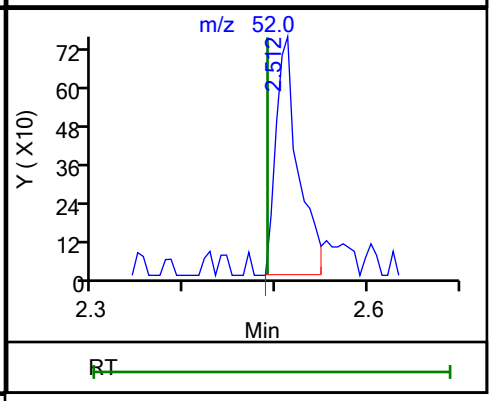
33 Acrylonitrile, CAS: 107-13-1

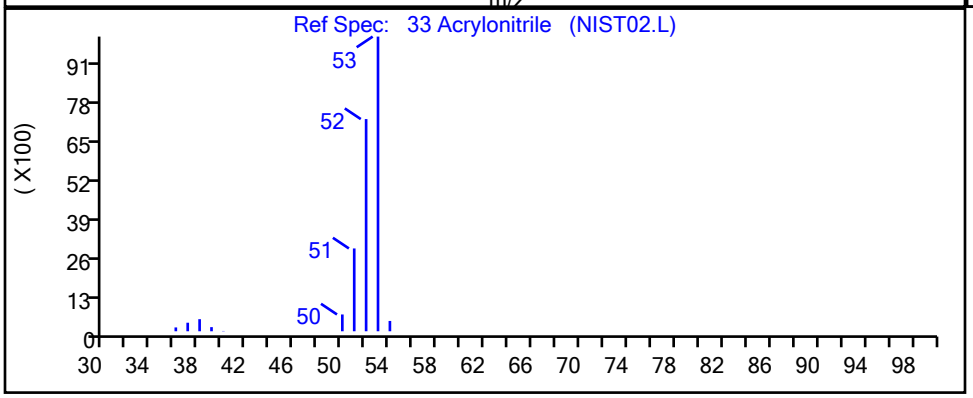
Processing Results











RT	Mass	Response	Amount
2.51	53.00	1406	1.990859
2.51	52.00	1291	

Reviewer: PUV6, 22-Feb-2025 17:58:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

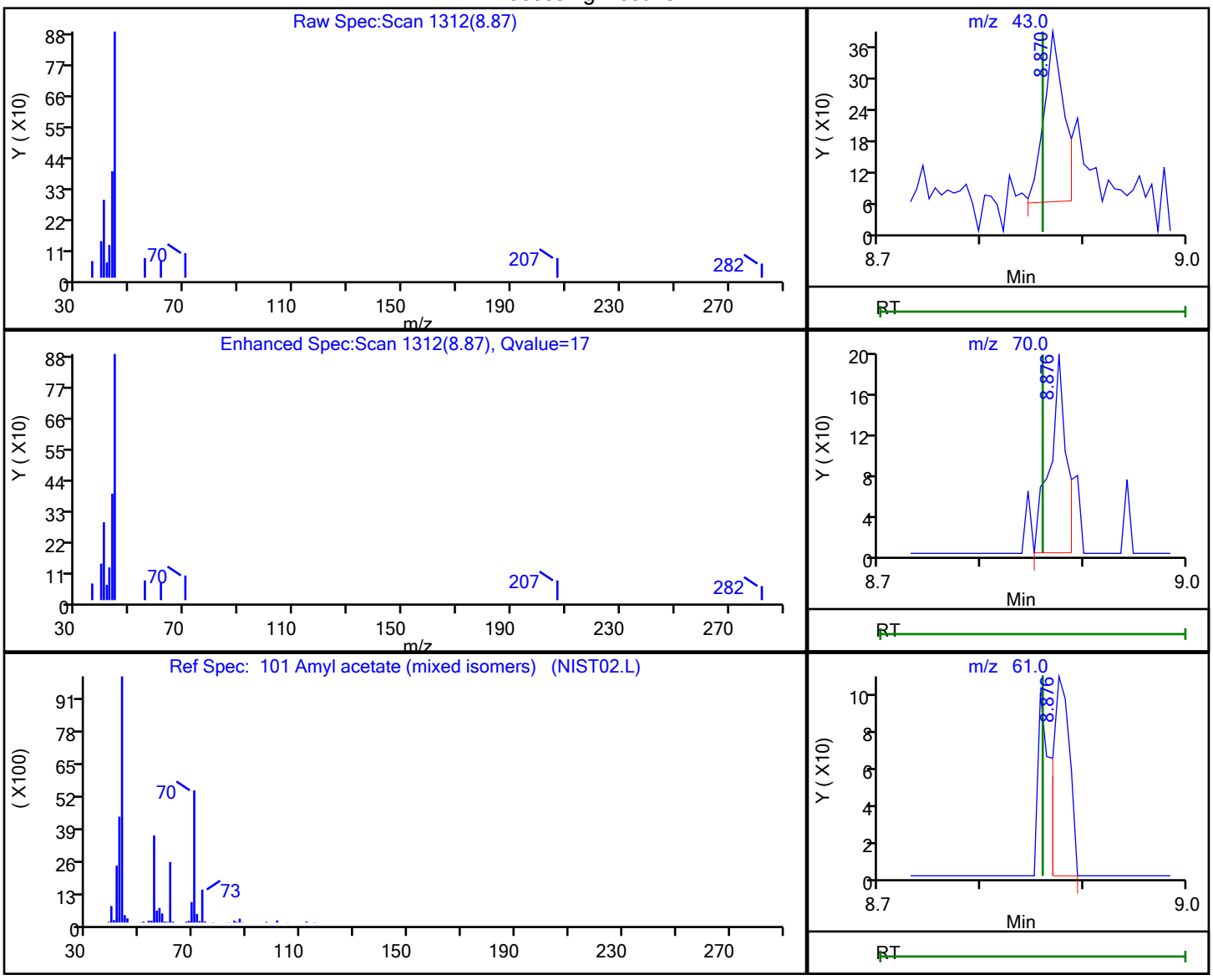
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.87	43.00	452	0.145175
8.88	70.00	214	
8.88	61.00	118	

Reviewer: PUV6, 22-Feb-2025 17:53:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

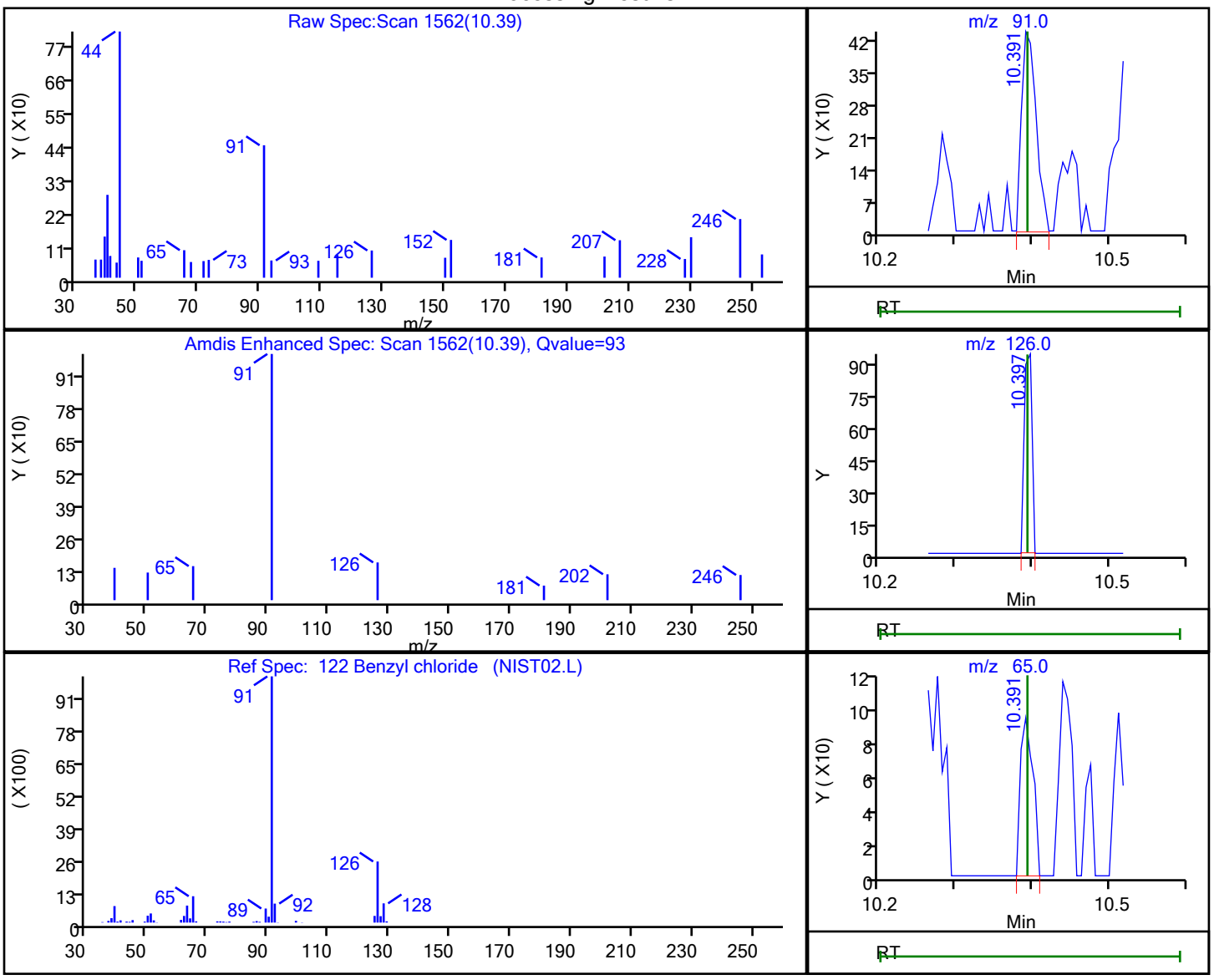
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.39	91.00	582	0.165028
10.40	126.00	68	
10.39	65.00	104	

Reviewer: PUV6, 22-Feb-2025 18:01:17 -05:00:00 (UTC)
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Report Date: 23-Feb-2025 11:17:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

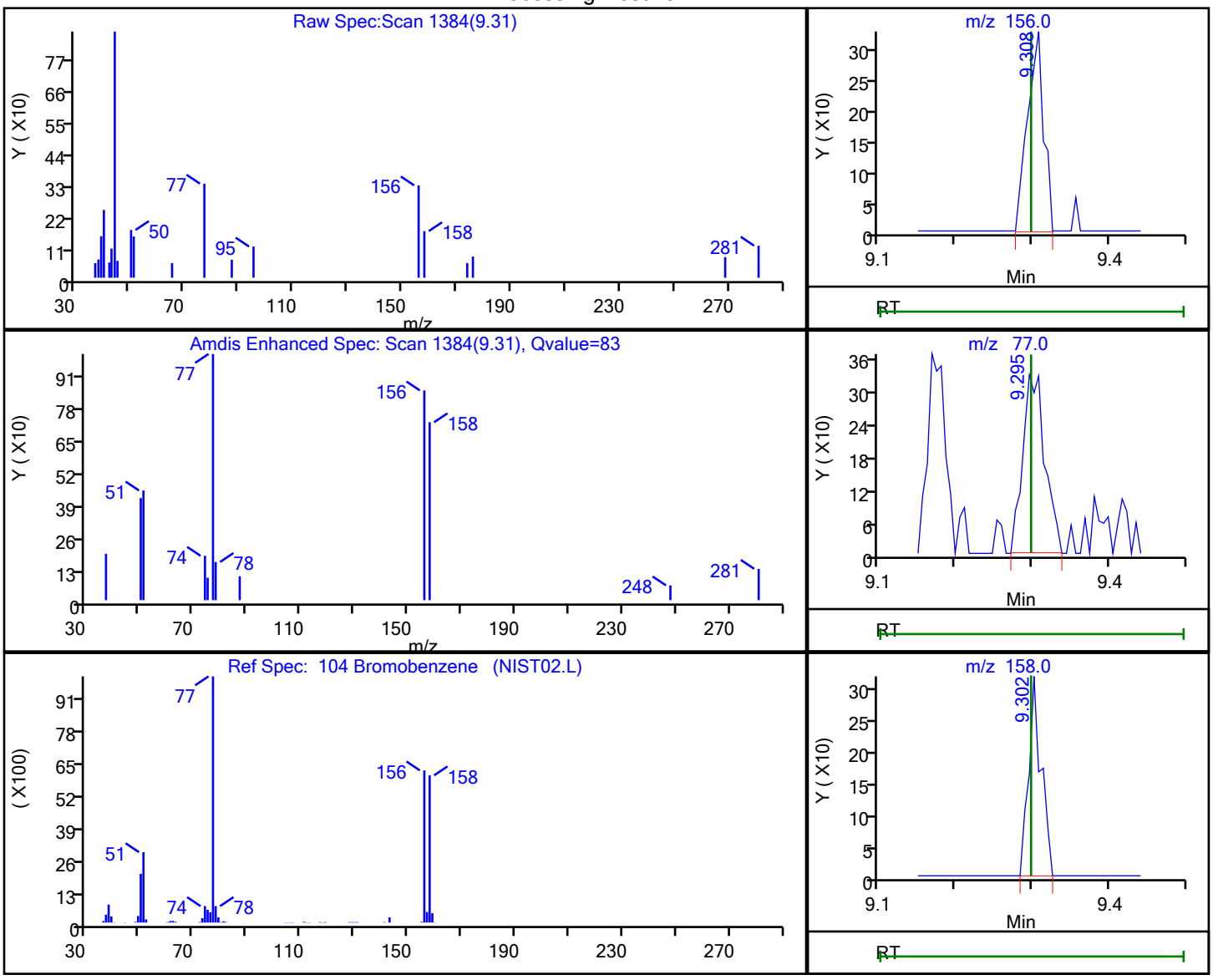
User Disabled Compound Report

Eurofins Edison

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Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

104 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.31	156.00	473	0.200000
9.30	77.00	671	
9.30	158.00	358	

Reviewer: PUV6, 22-Feb-2025 18:44:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

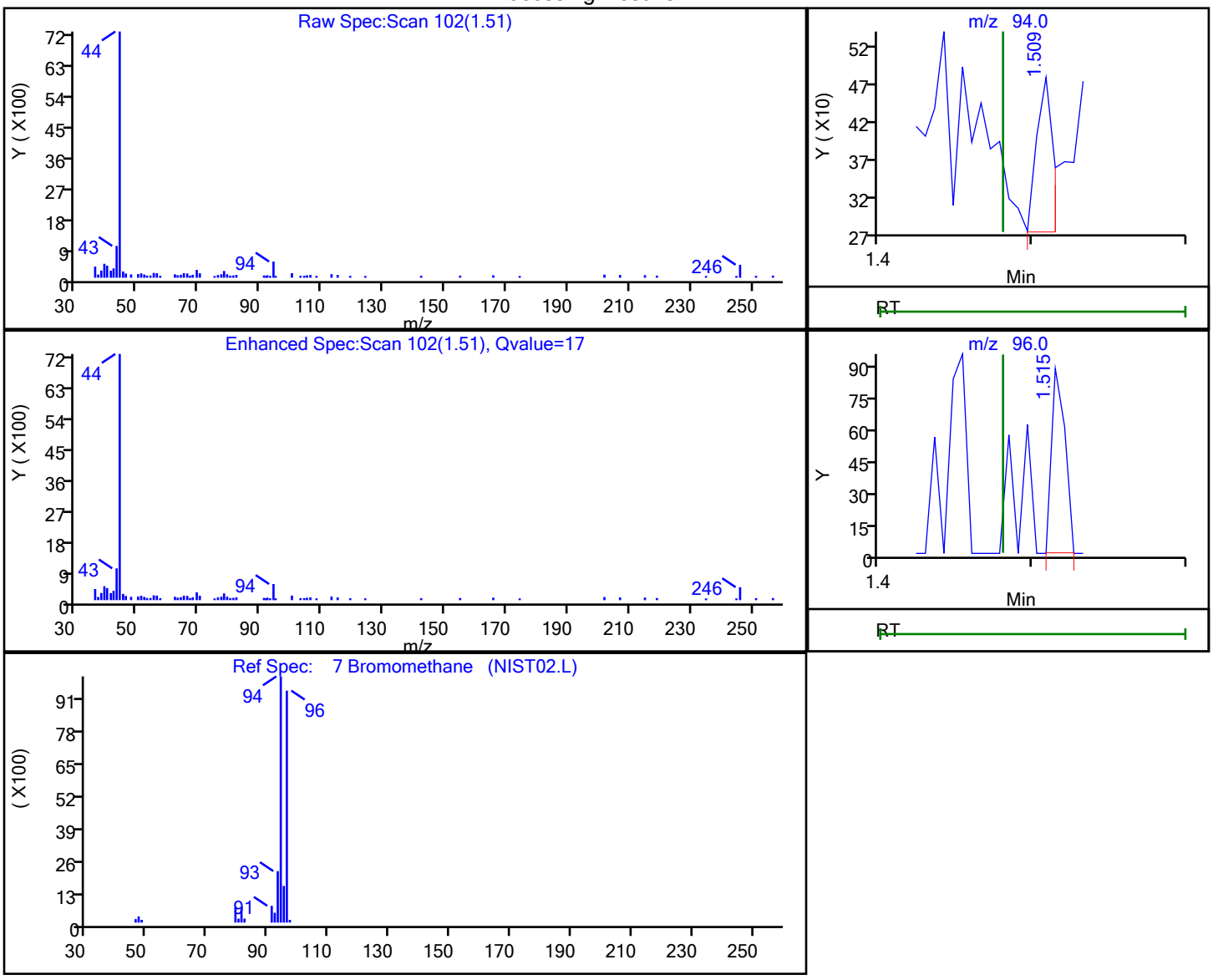
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.51	94.00	151	0.083046
1.51	96.00	55	

Reviewer: PUV6, 22-Feb-2025 17:57:31 -05:00:00 (UTC)
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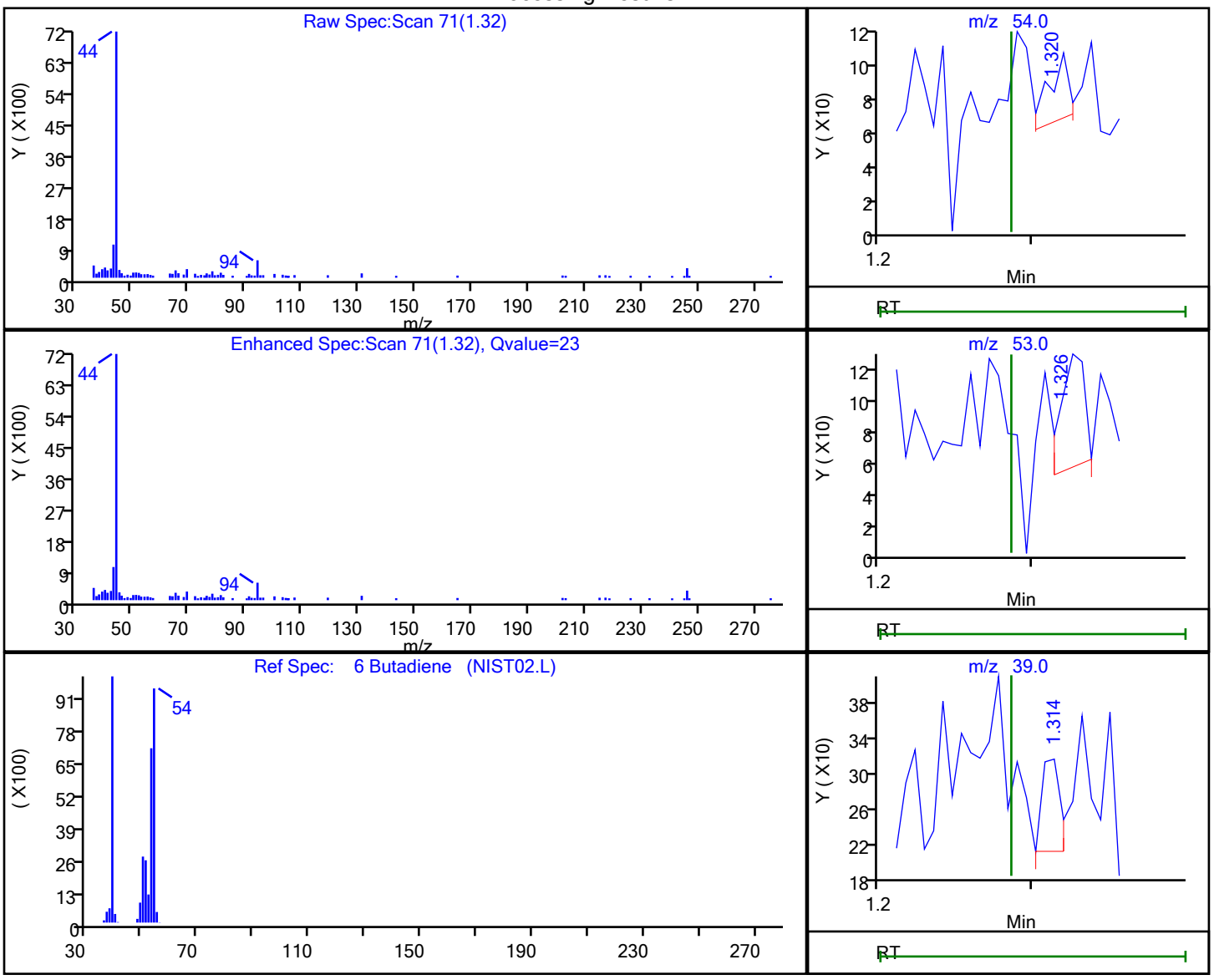
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.32	54.00	34	-0.135539
1.33	53.00	78	
1.31	39.00	85	

Reviewer: PUV6, 22-Feb-2025 17:57:29 -05:00:00 (UTC)
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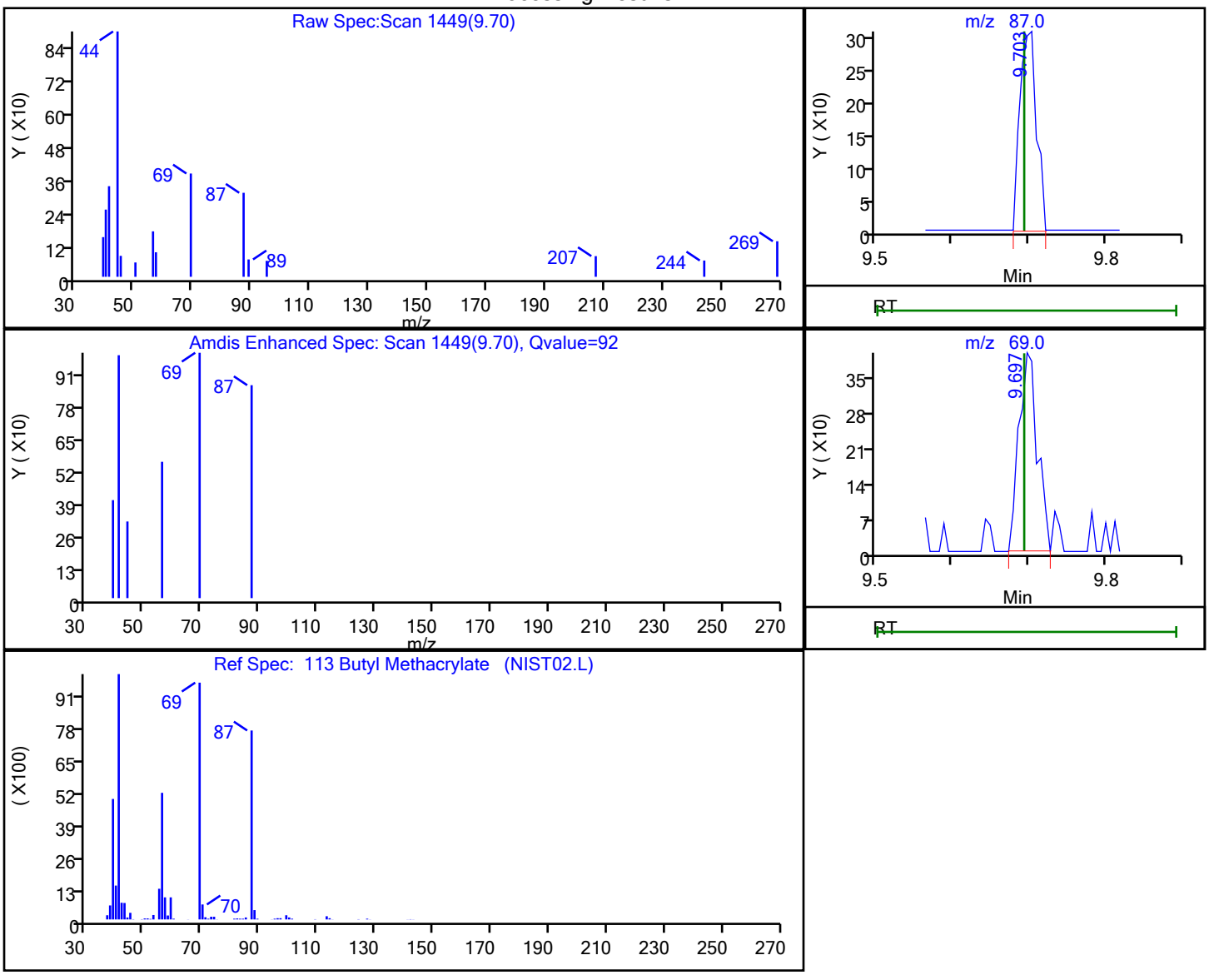
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
9.70	87.00	463	0.206406
9.70	69.00	663	

Reviewer: PUV6, 22-Feb-2025 18:00:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

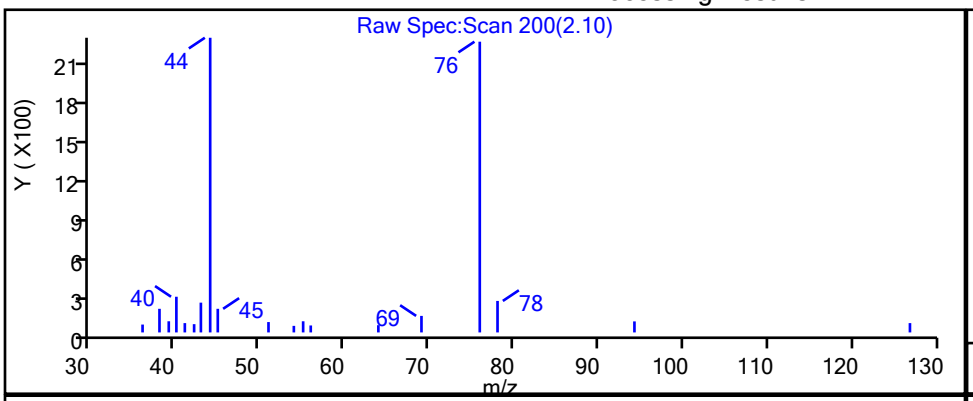
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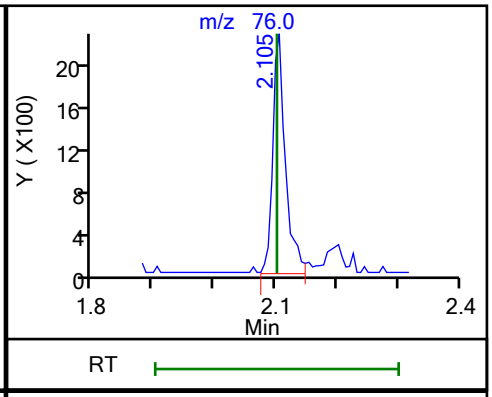
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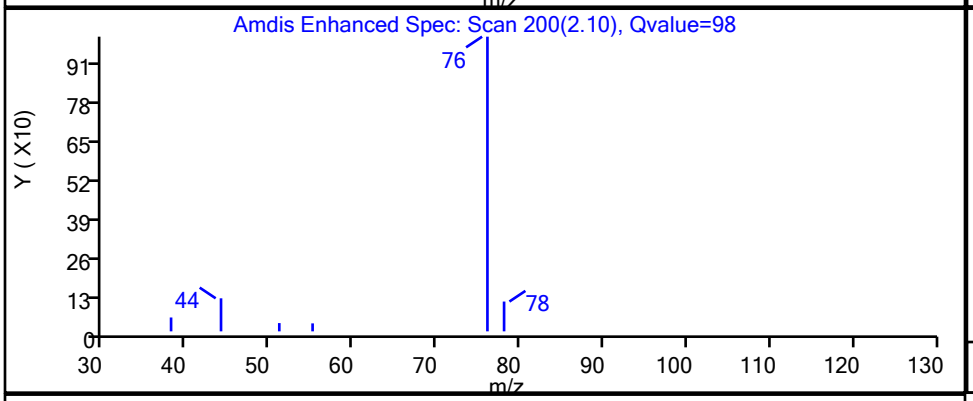
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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

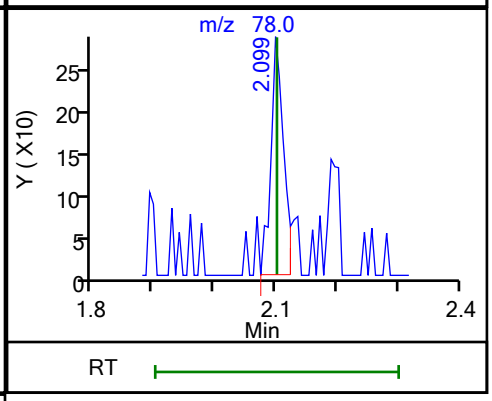
23 Carbon disulfide, CAS: 75-15-0

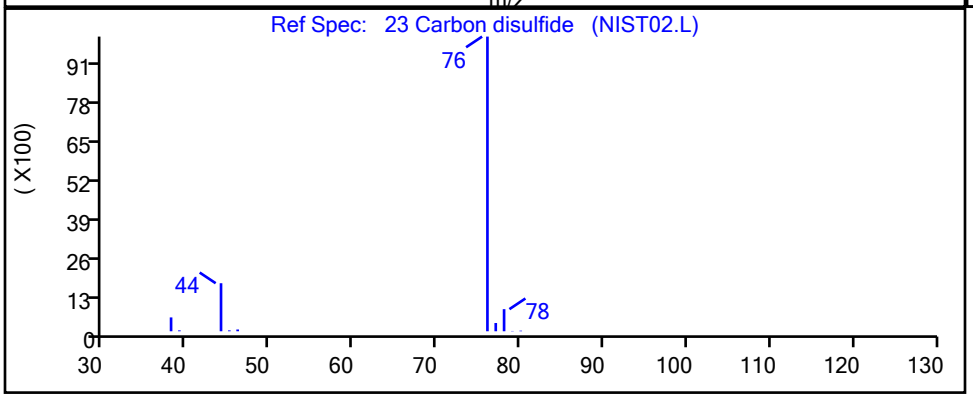
Processing Results











RT	Mass	Response	Amount
2.10	76.00	3156	0.413624
2.10	78.00	417	

Reviewer: PUV6, 22-Feb-2025 17:58:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

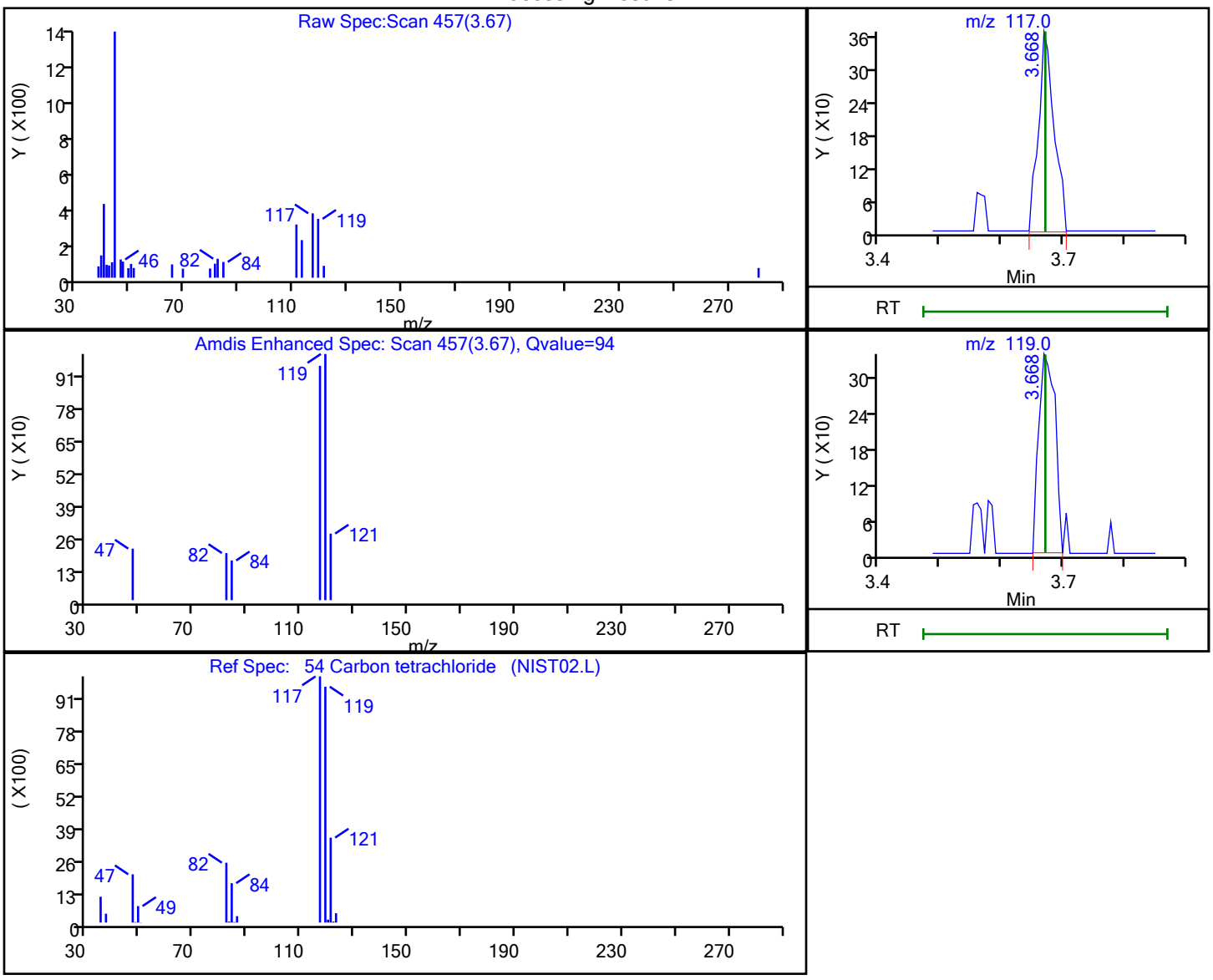
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
3.67	117.00	643	0.208225
3.67	119.00	618	

Reviewer: PUV6, 22-Feb-2025 17:59:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

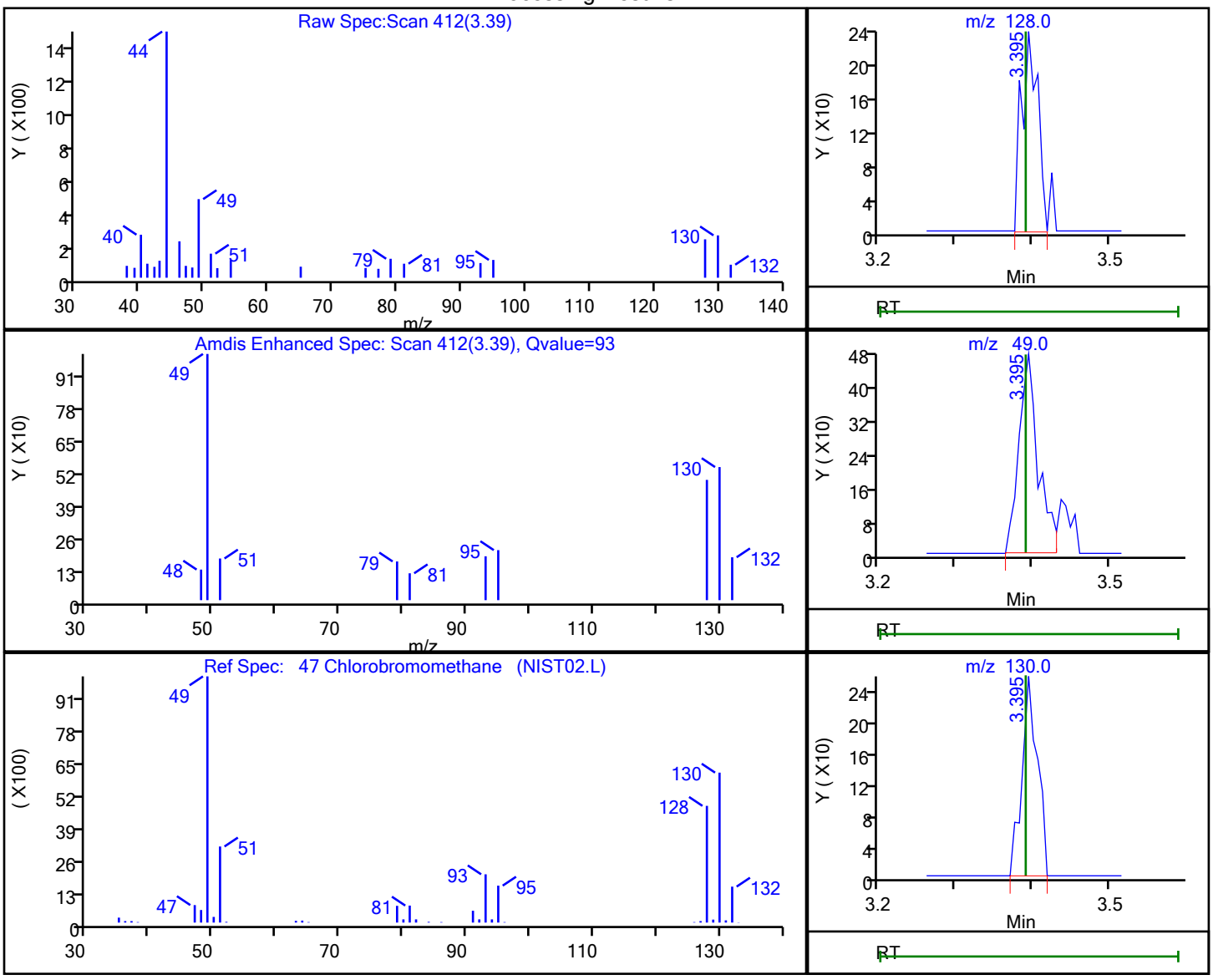
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.39	128.00	343	0.208398
3.39	49.00	842	
3.39	130.00	363	

Reviewer: NN6A, 23-Feb-2025 10:53:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

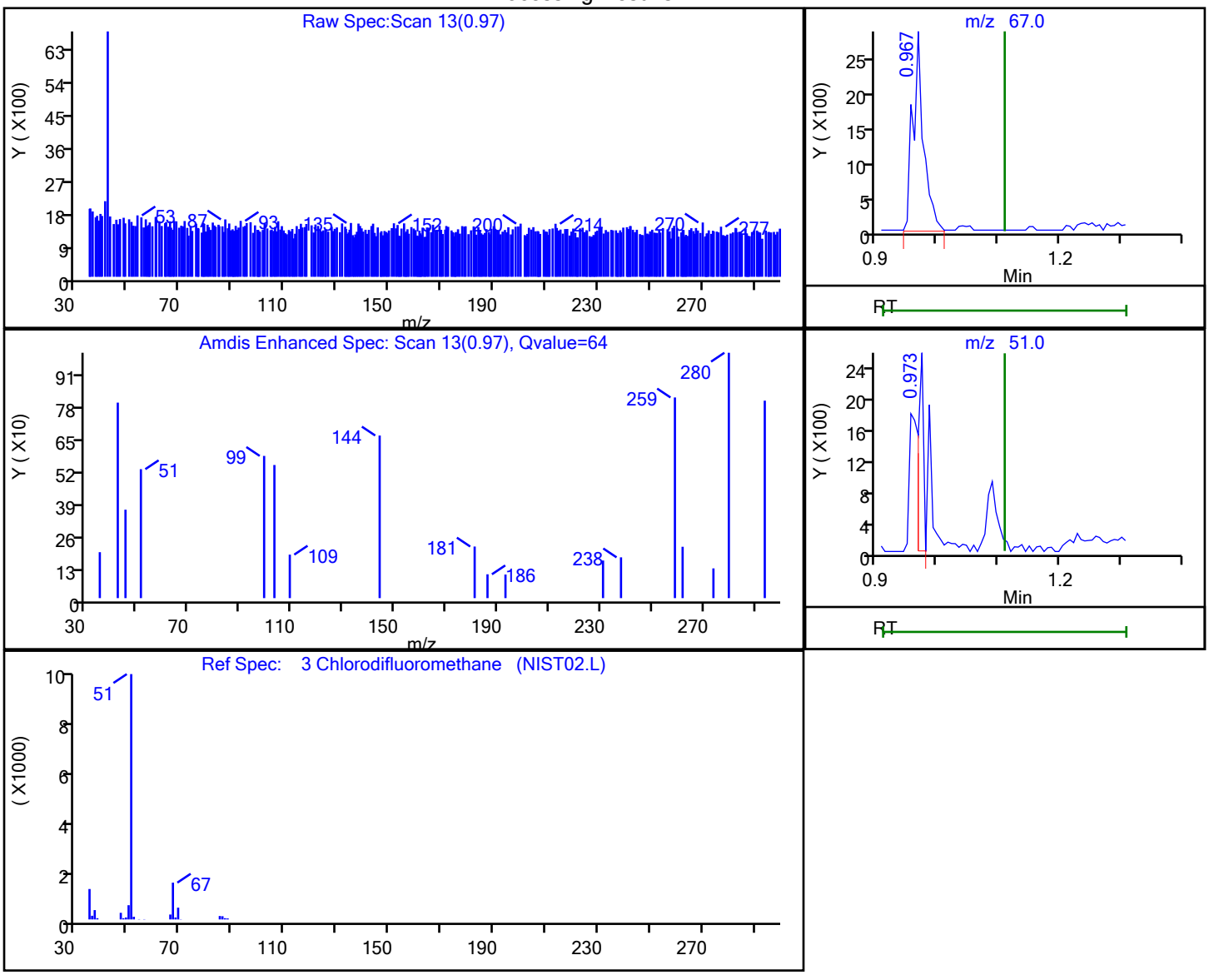
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.97	67.00	3457	7.697069
0.97	51.00	1502	

Reviewer: PUV6, 22-Feb-2025 17:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

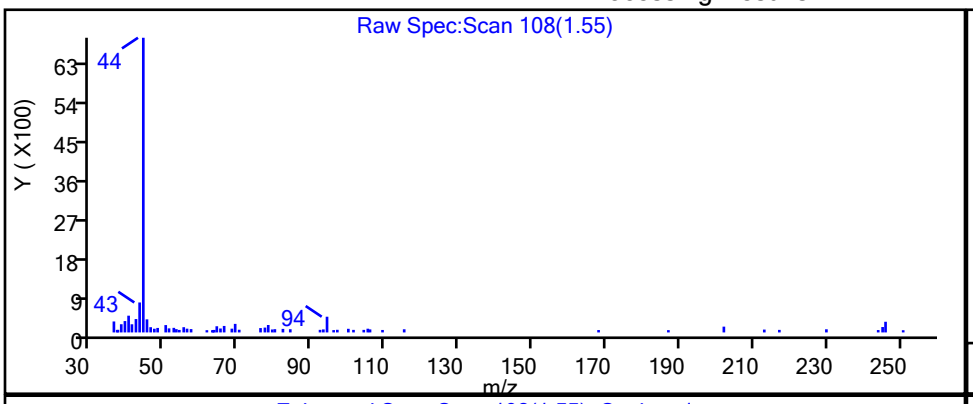
User Disabled Compound Report

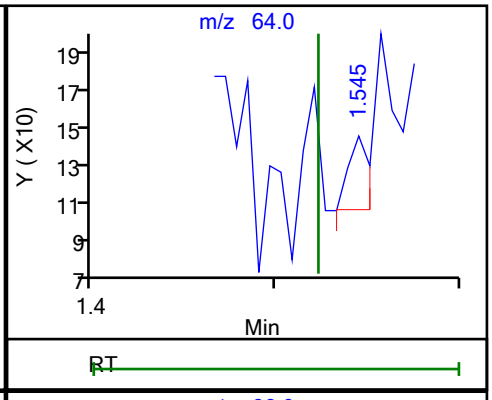
Eurofins Edison

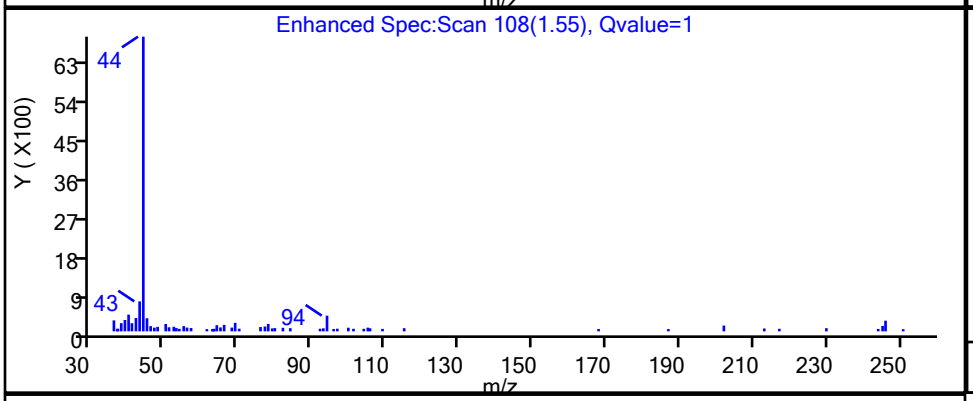
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

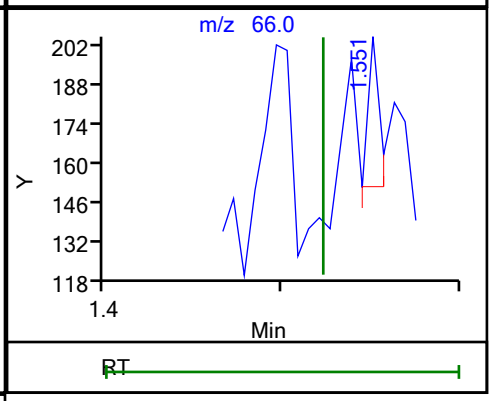
8 Chloroethane, CAS: 75-00-3

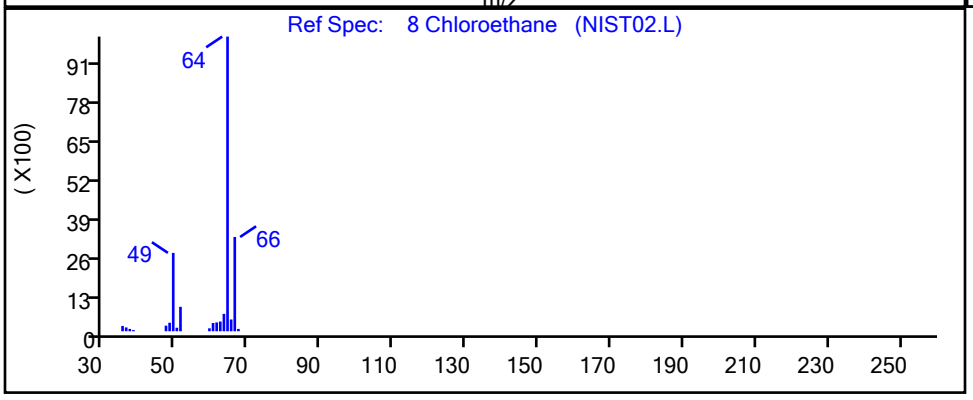
Processing Results











RT	Mass	Response	Amount
1.55	64.00	28	0.019020
1.55	66.00	24	

Reviewer: PUV6, 22-Feb-2025 17:57:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

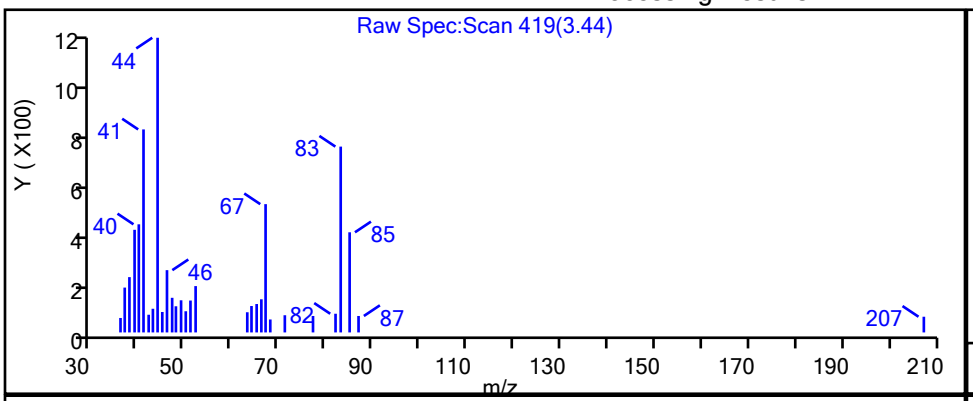
User Disabled Compound Report

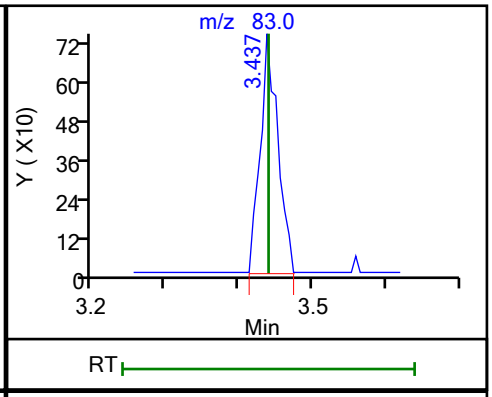
Eurofins Edison

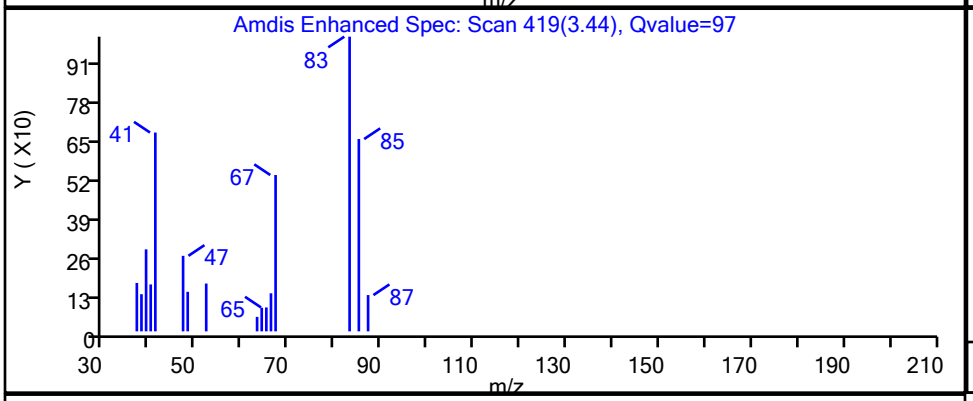
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

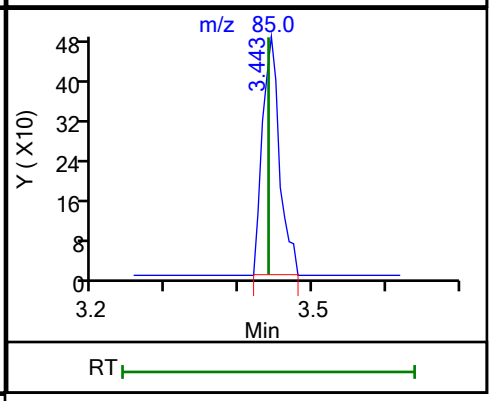
50 Chloroform, CAS: 67-66-3

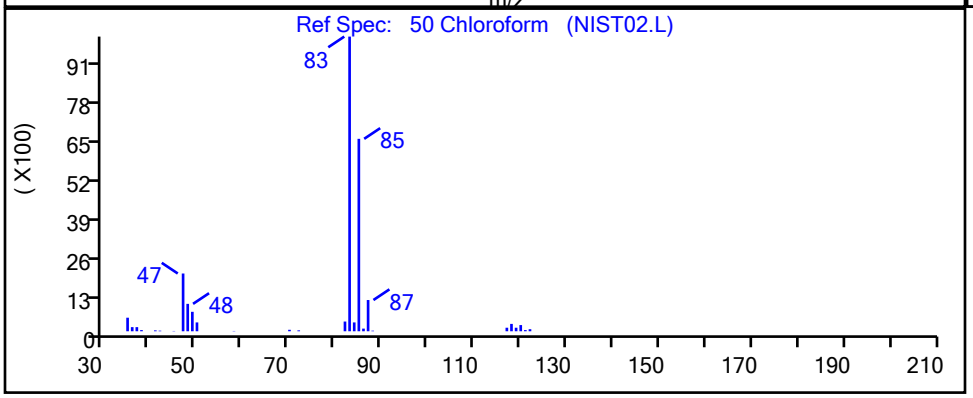
Processing Results











RT	Mass	Response	Amount
3.44	83.00	1243	0.239772
3.44	85.00	784	

Reviewer: PUV6, 22-Feb-2025 17:59:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

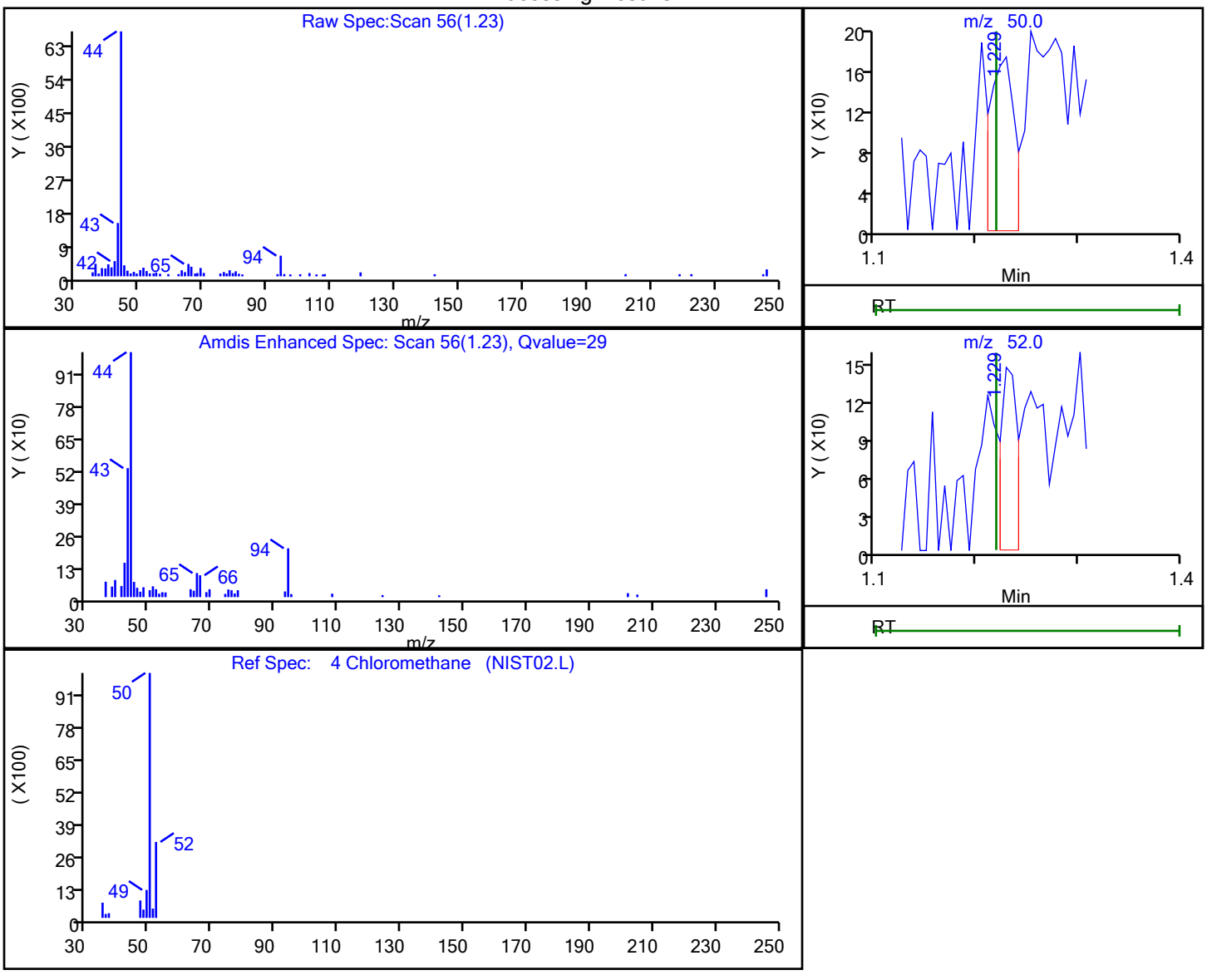
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.23	50.00	286	0.077150
1.23	52.00	166	

Reviewer: PUV6, 22-Feb-2025 17:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

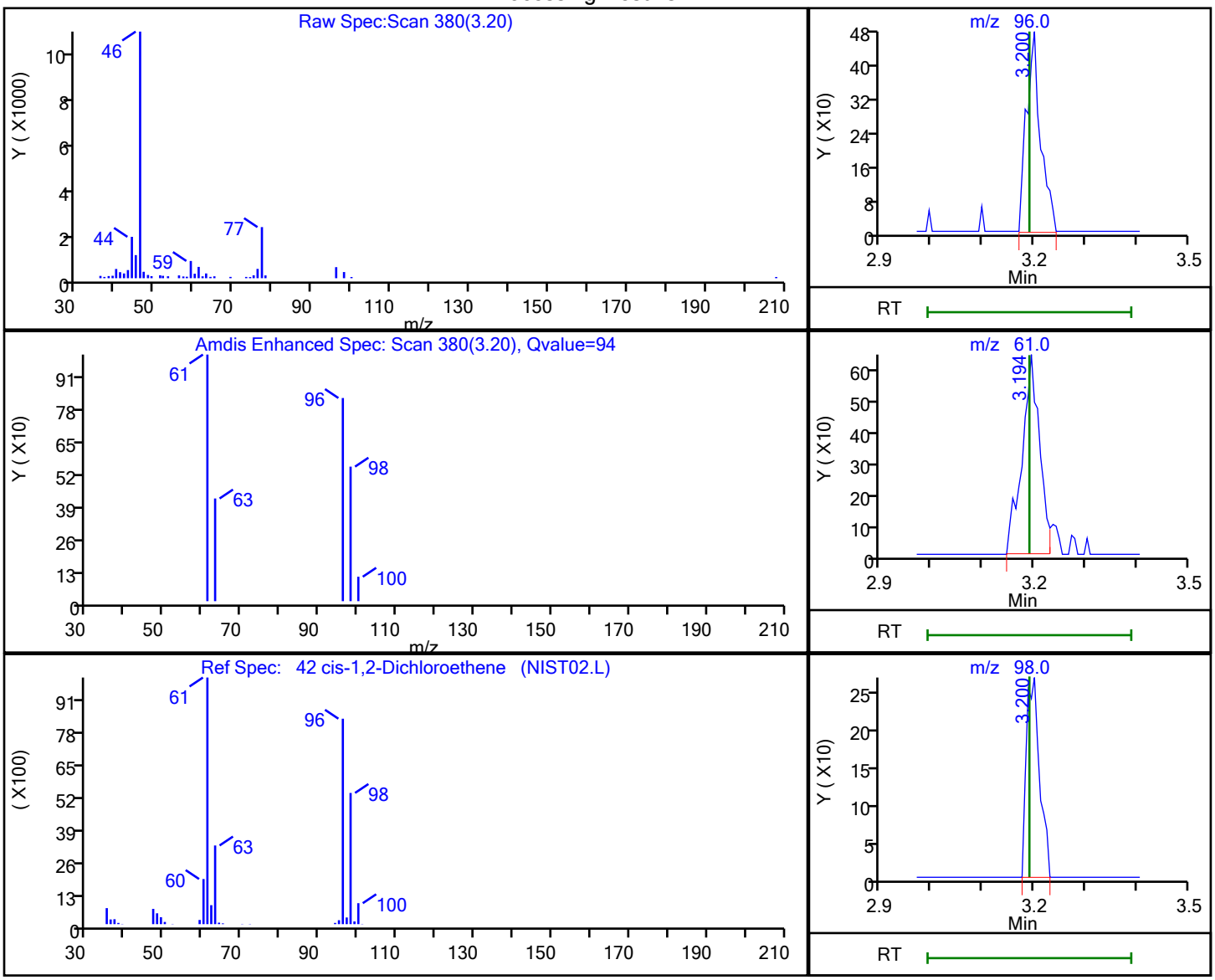
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.20	96.00	912	0.256732
3.19	61.00	1535	
3.20	98.00	480	

Reviewer: NN6A, 23-Feb-2025 10:51:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

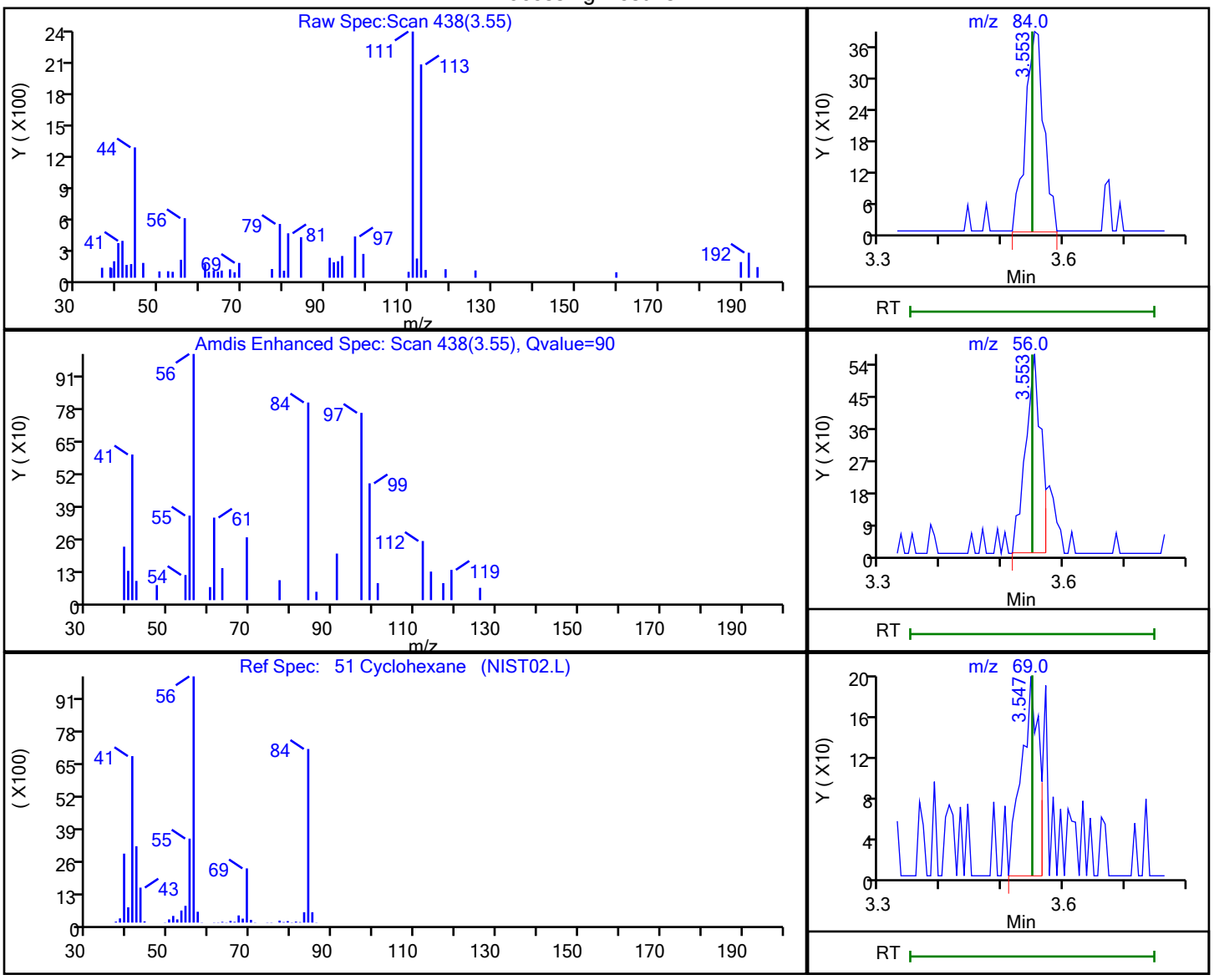
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.55	84.00	800	0.284324
3.55	56.00	997	
3.55	69.00	389	

Reviewer: PUV6, 22-Feb-2025 17:58:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

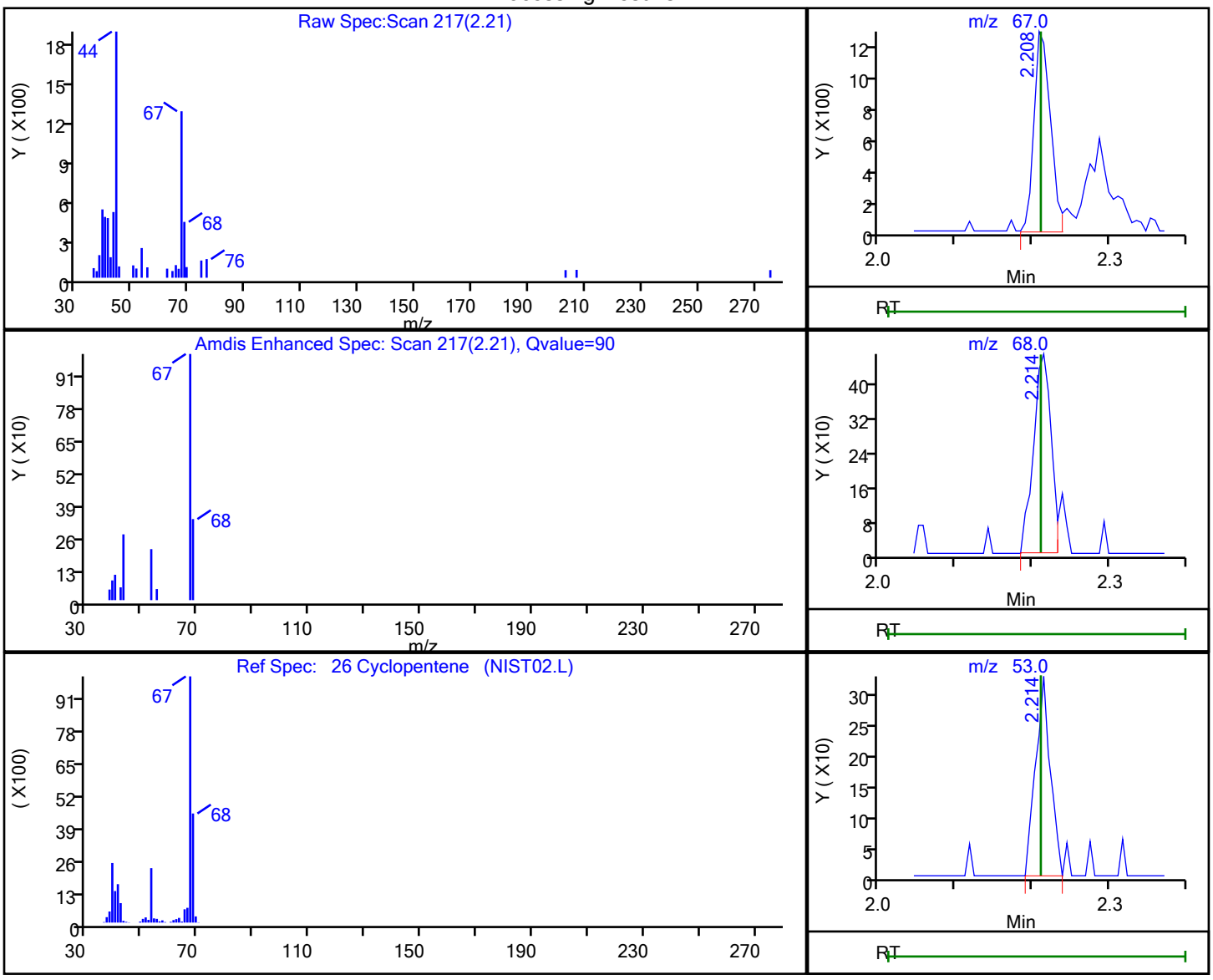
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.21	67.00	1903	0.370575
2.21	68.00	747	
2.21	53.00	432	

Reviewer: PUV6, 22-Feb-2025 17:58:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

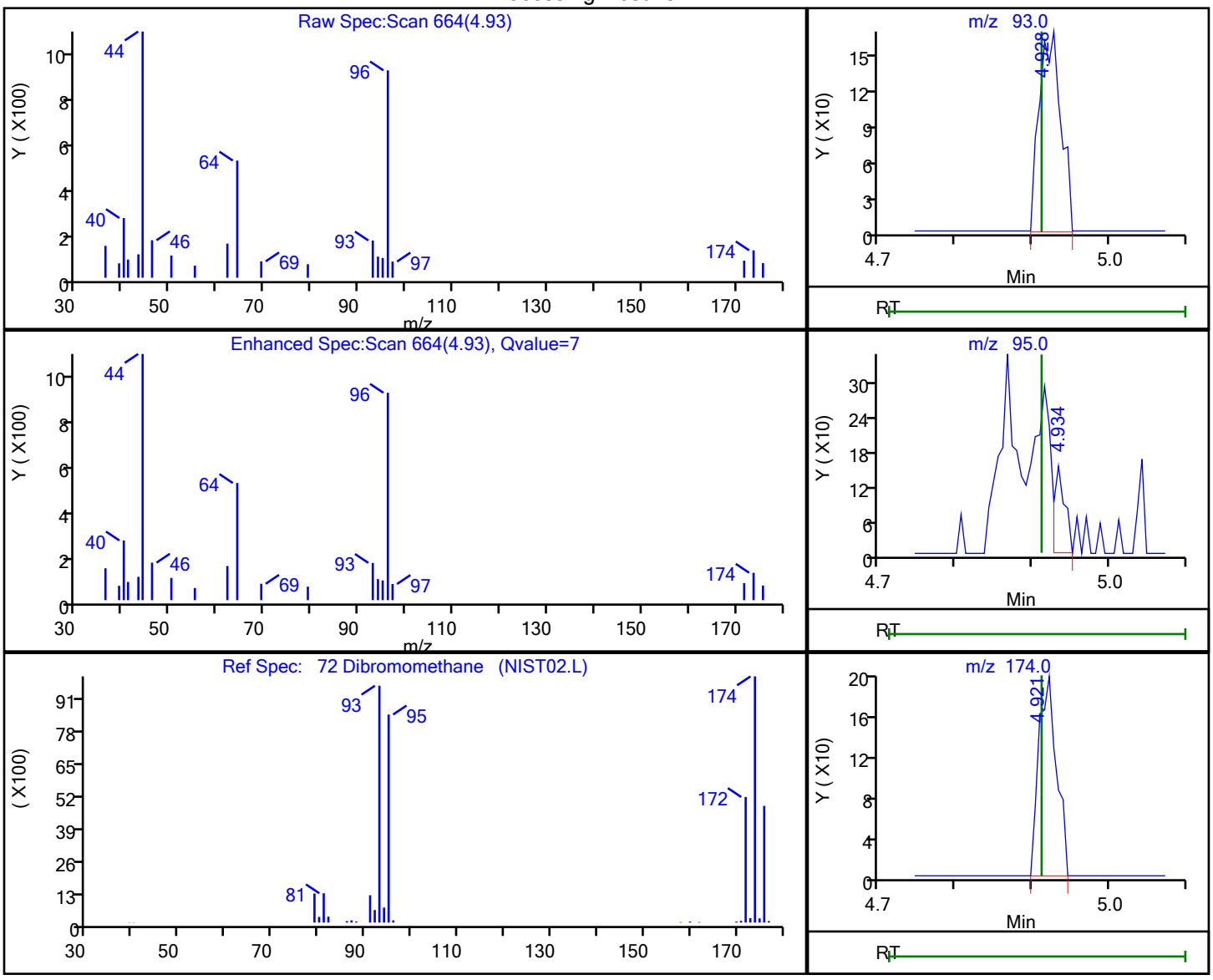
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.93	93.00	327	0.192988
4.93	95.00	147	
4.92	174.00	310	

Reviewer: NN6A, 23-Feb-2025 10:51:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

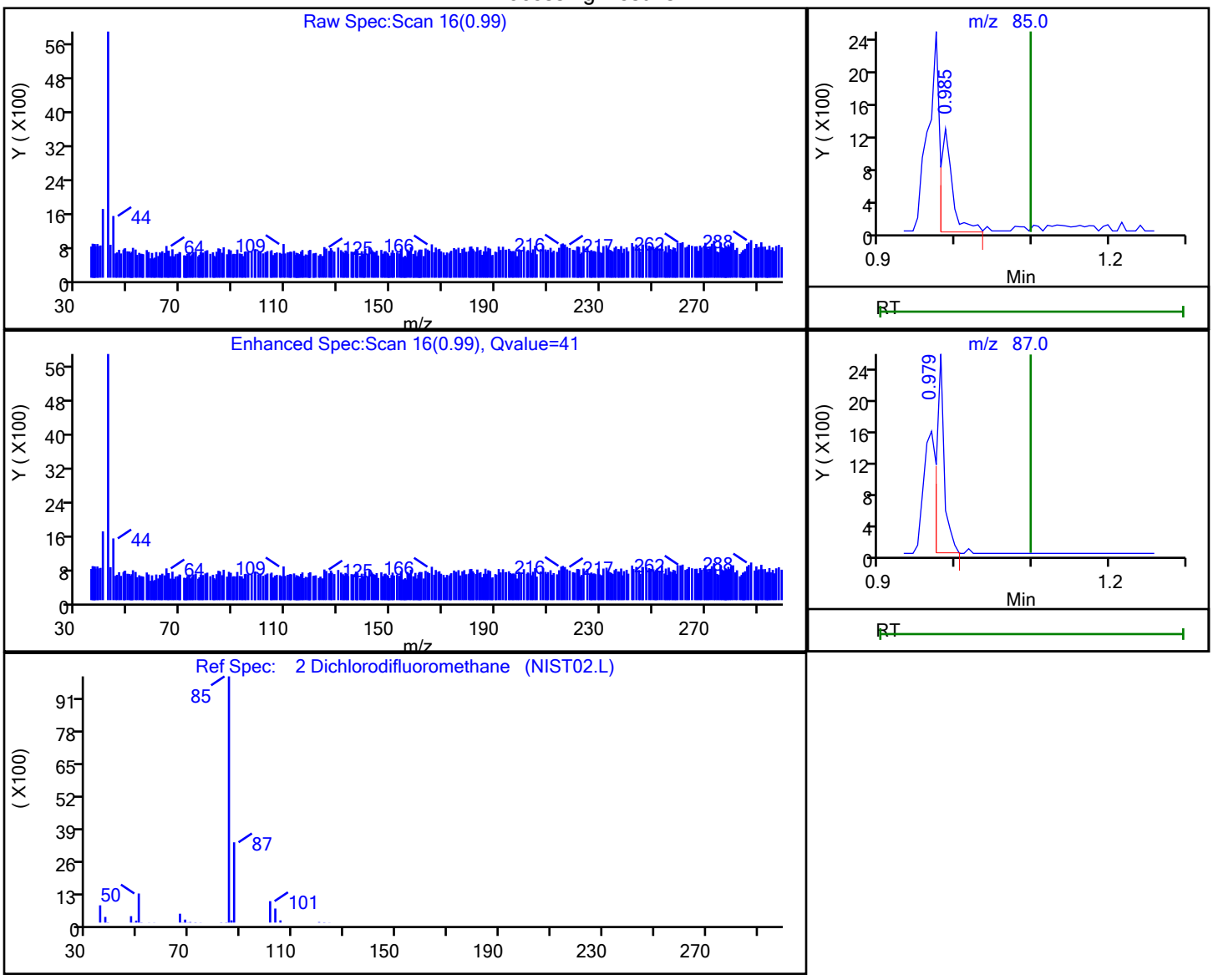
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.99	85.00	1305	0.475265
0.98	87.00	1727	

Reviewer: PUV6, 22-Feb-2025 17:57:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

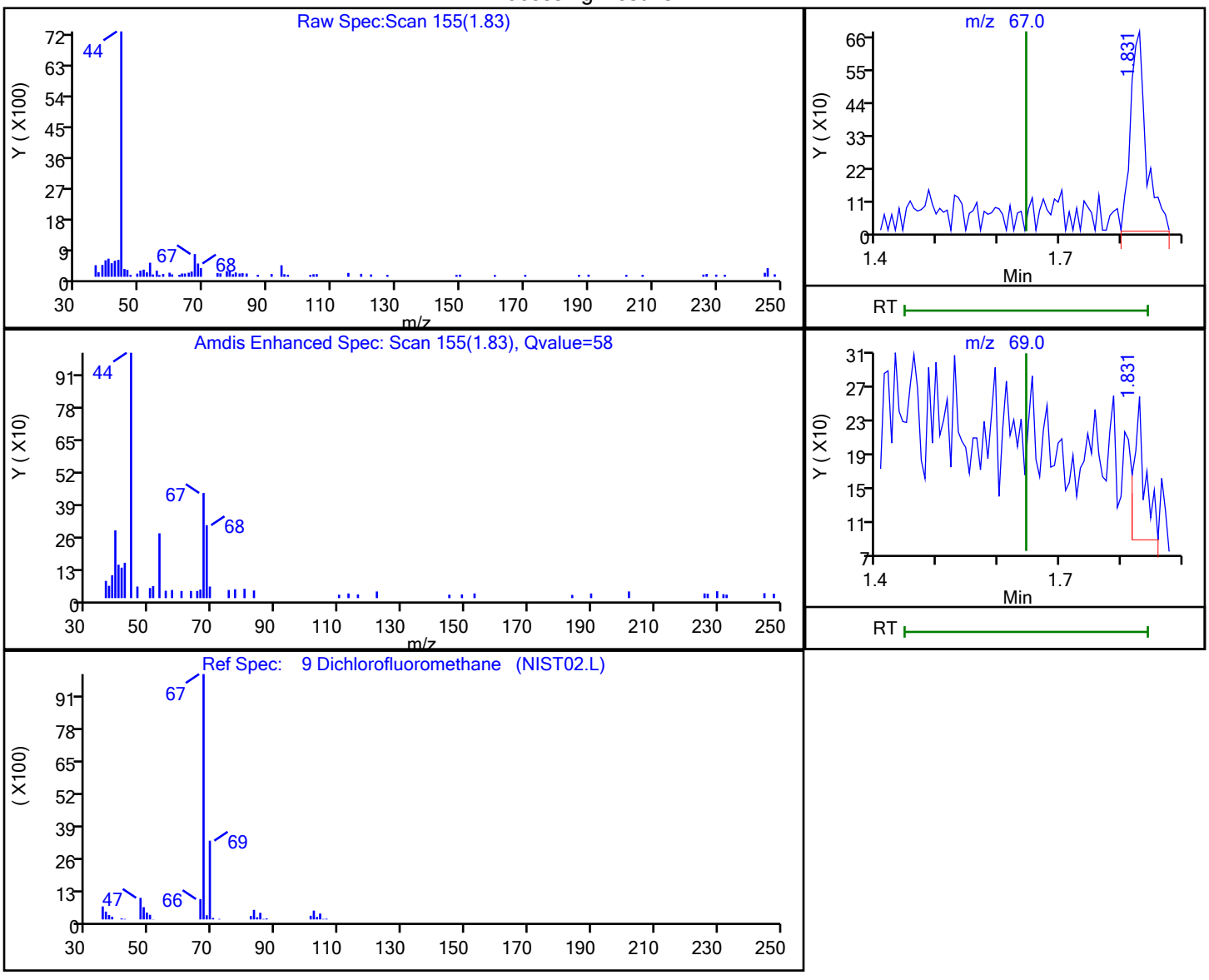
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.83	67.00	1193	0.253934
1.83	69.00	201	

Reviewer: PUV6, 22-Feb-2025 17:57:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

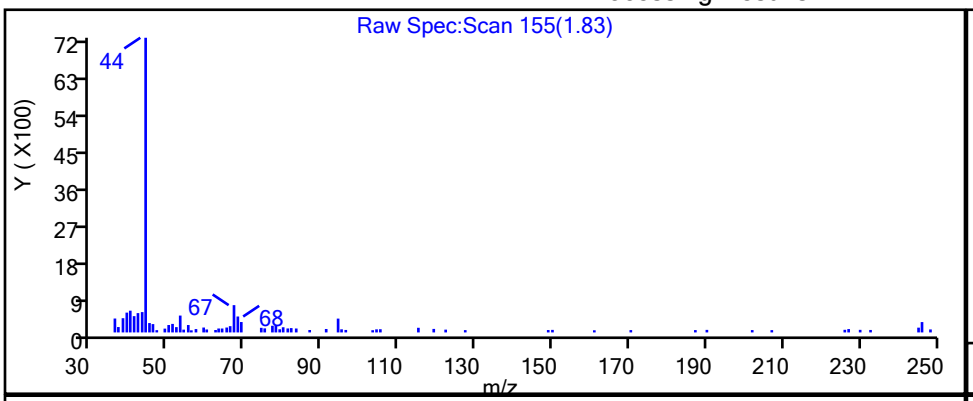
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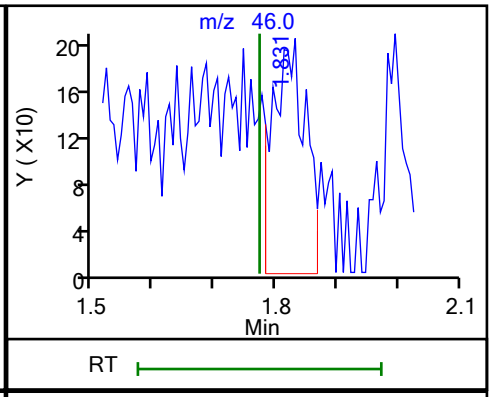
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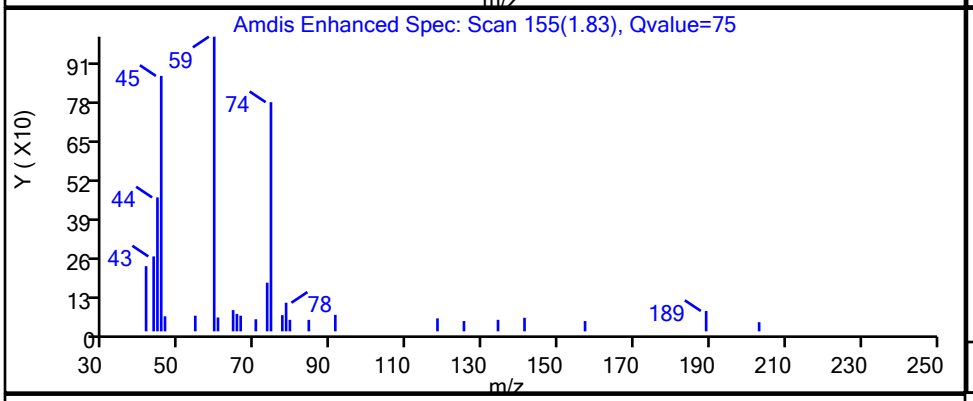
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

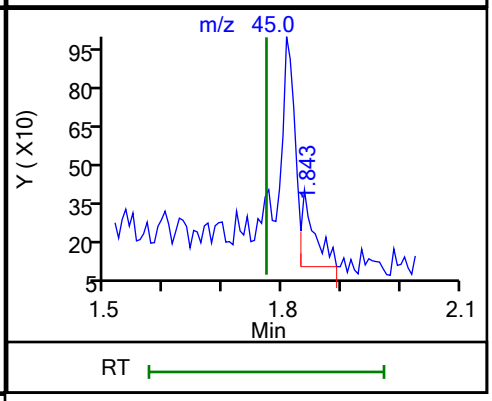
12 Ethanol, CAS: 64-17-5

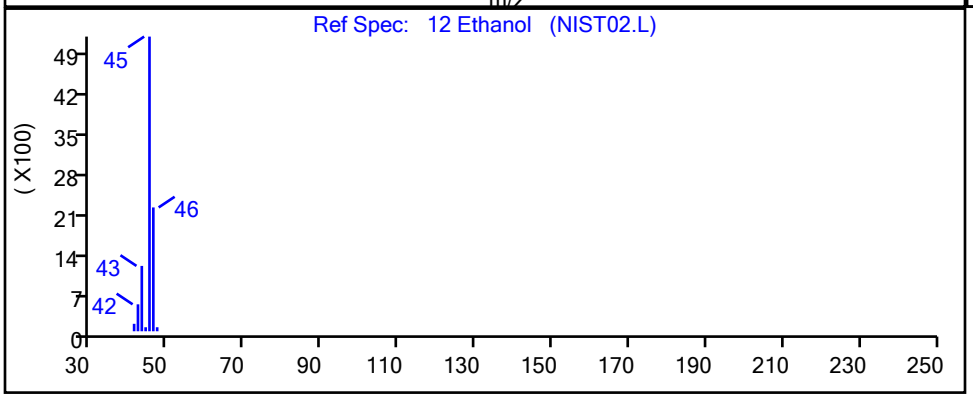
Processing Results











RT	Mass	Response	Amount
1.83	46.00	771	264.7108
1.84	45.00	465	

Reviewer: PUV6, 22-Feb-2025 17:57:41 -05:00:00 (UTC)
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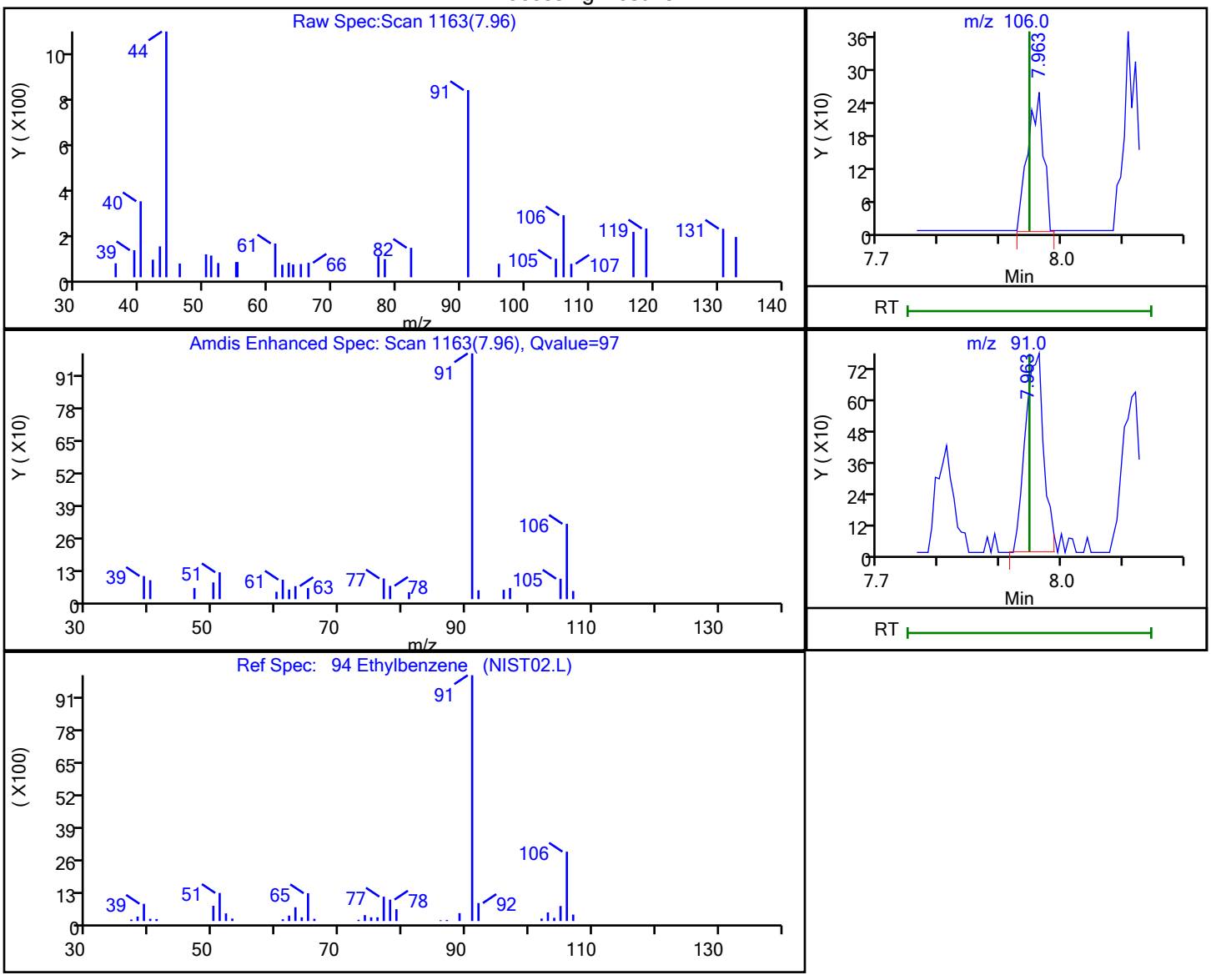
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.96	106.00	458	0.212876
7.96	91.00	1630	

Reviewer: PUV6, 22-Feb-2025 18:00:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

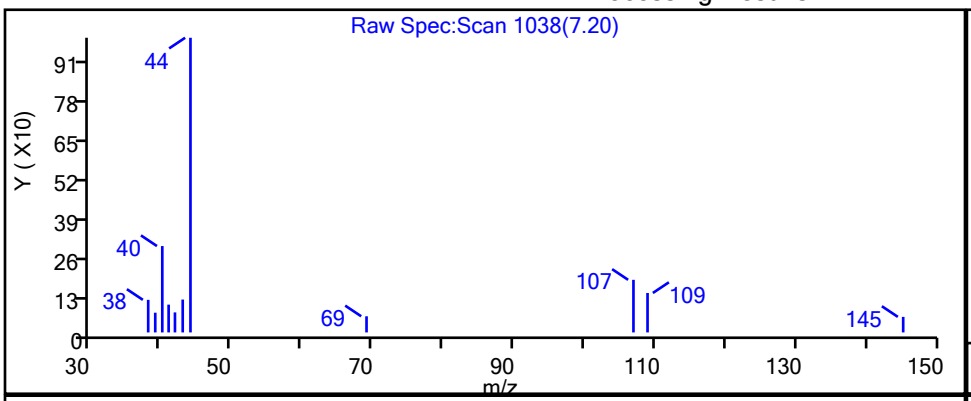
User Disabled Compound Report

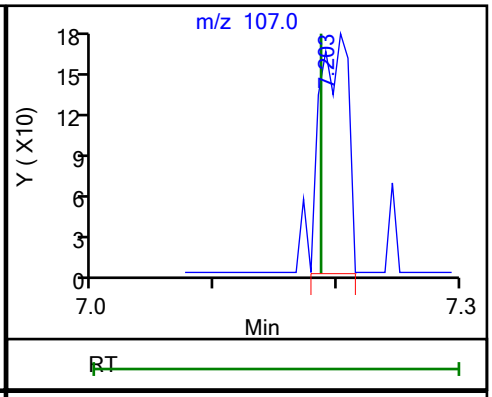
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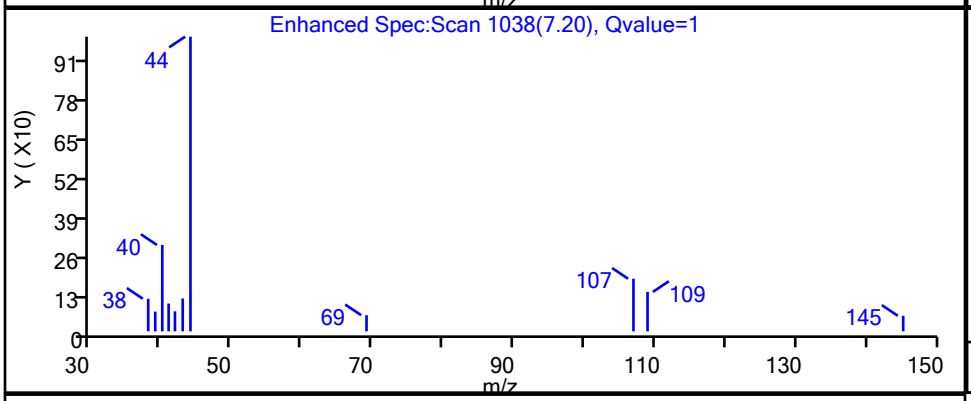
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

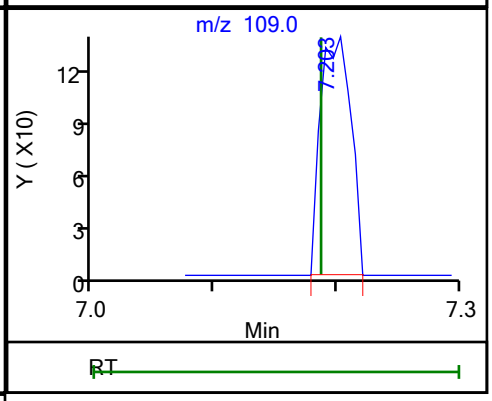
91 Ethylene Dibromide, CAS: 106-93-4

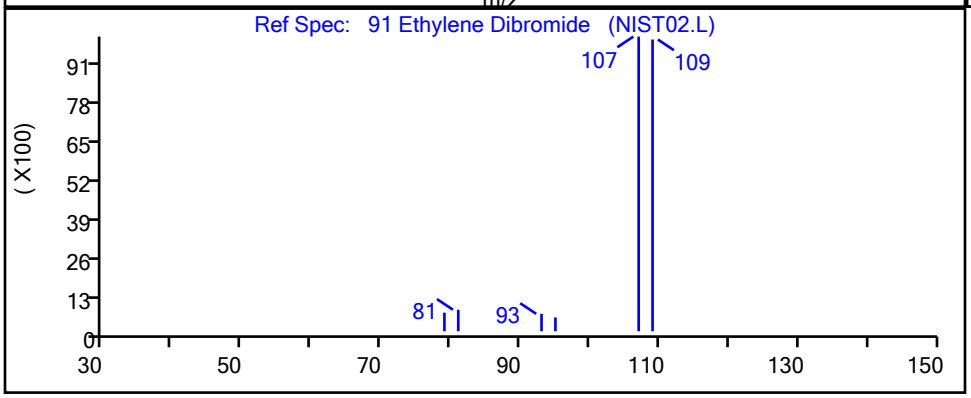
Processing Results











RT	Mass	Response	Amount
7.20	107.00	277	0.198655
7.20	109.00	229	

Reviewer: NN6A, 23-Feb-2025 10:52:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

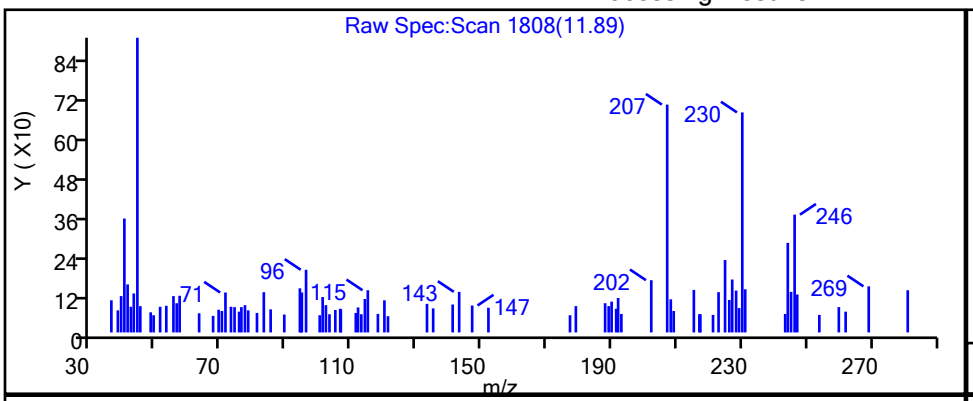
User Disabled Compound Report

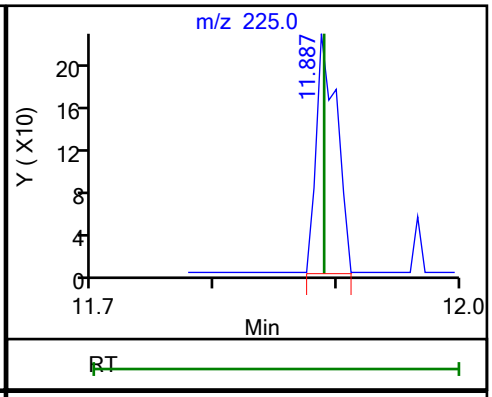
Eurofins Edison

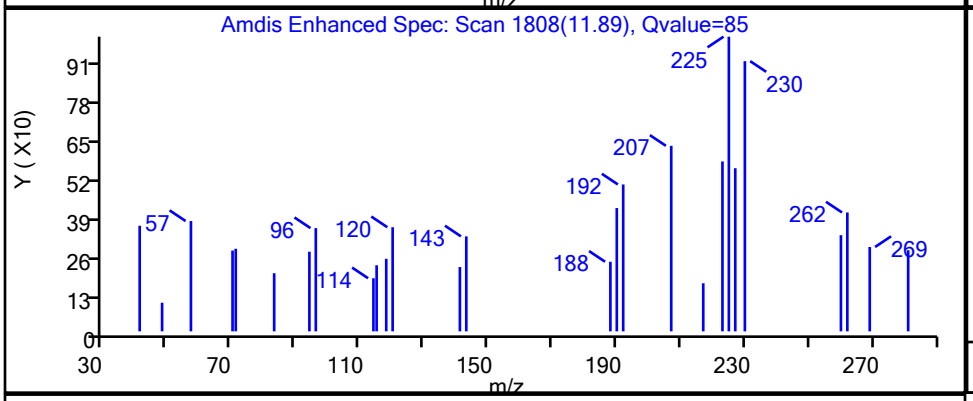
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

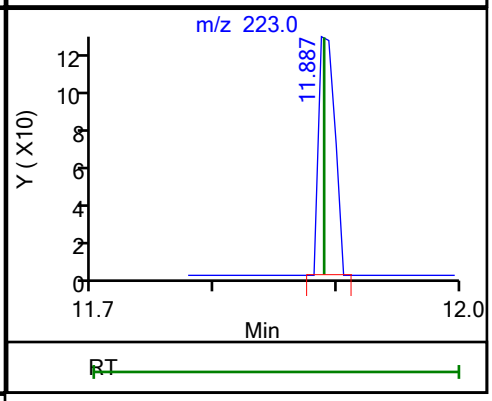
131 Hexachlorobutadiene, CAS: 87-68-3

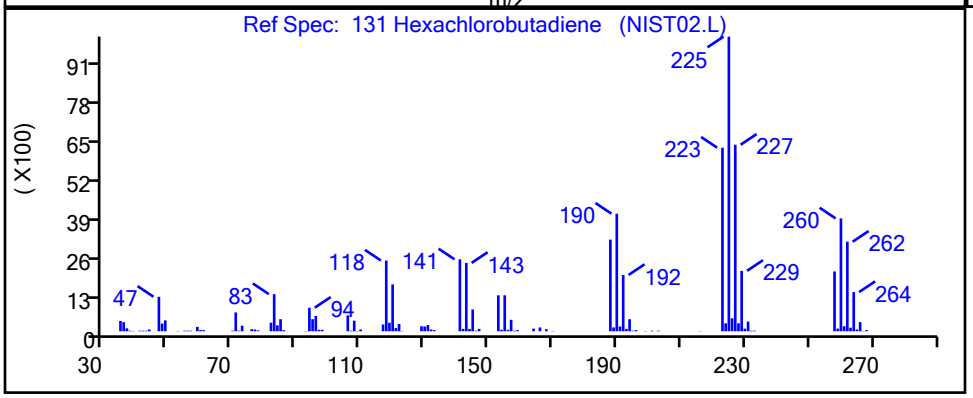
Processing Results











RT	Mass	Response	Amount
11.89	225.00	258	0.423575
11.89	223.00	115	

Reviewer: PUV6, 22-Feb-2025 18:01:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

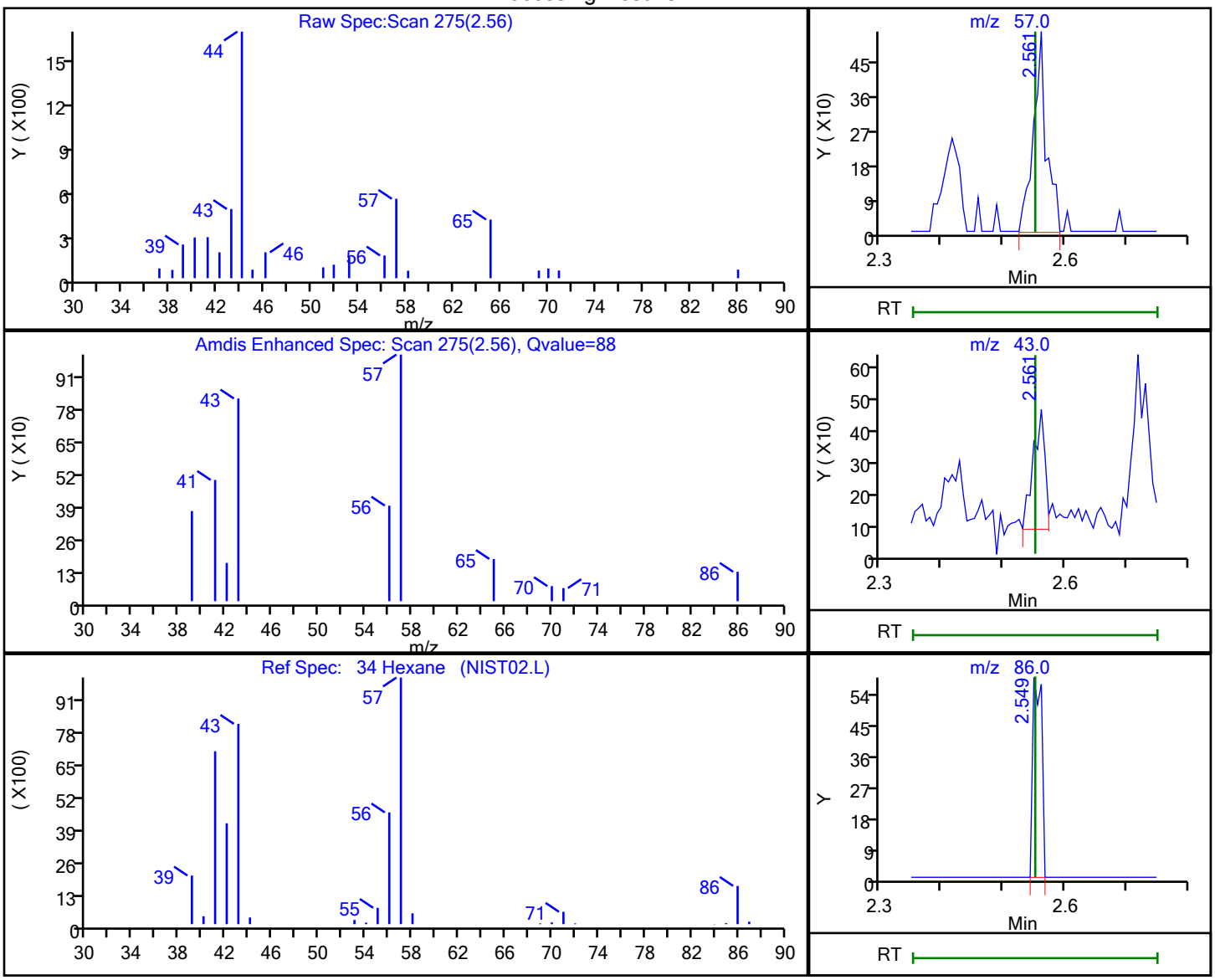
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.56	57.00	777	0.465880
2.56	43.00	509	
2.55	86.00	61	
2.55	56.00	410	

Reviewer: PUV6, 22-Feb-2025 17:58:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

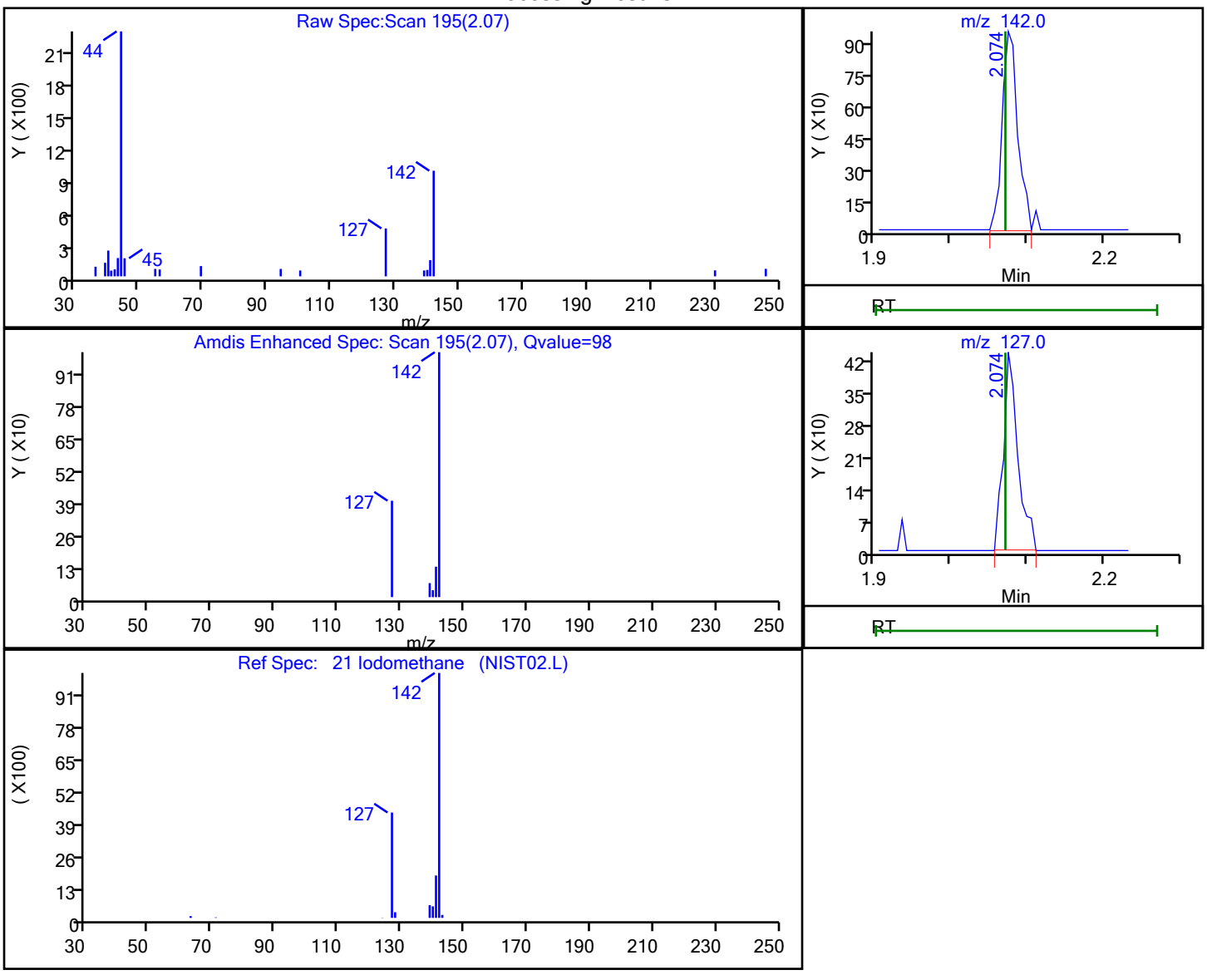
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.07	142.00	1363	0.430842
2.07	127.00	578	

Reviewer: PUV6, 22-Feb-2025 17:57:58 -05:00:00 (UTC)
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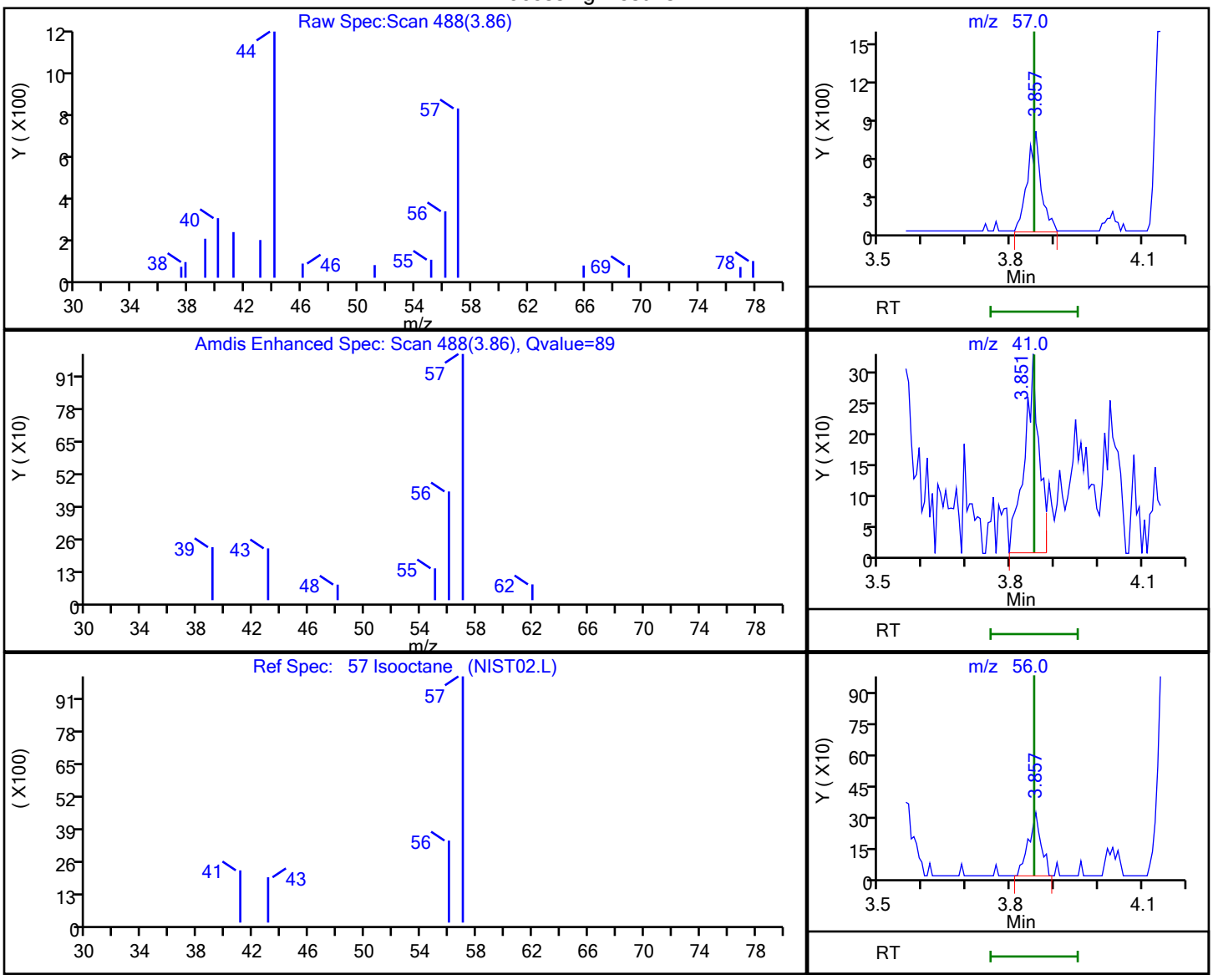
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.86	57.00	1683	0.502888
3.85	41.00	760	
3.86	56.00	615	

Reviewer: PUV6, 22-Feb-2025 17:59:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:17:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

User Disabled Compound Report

Eurofins Edison

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Lims ID: STD8

Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

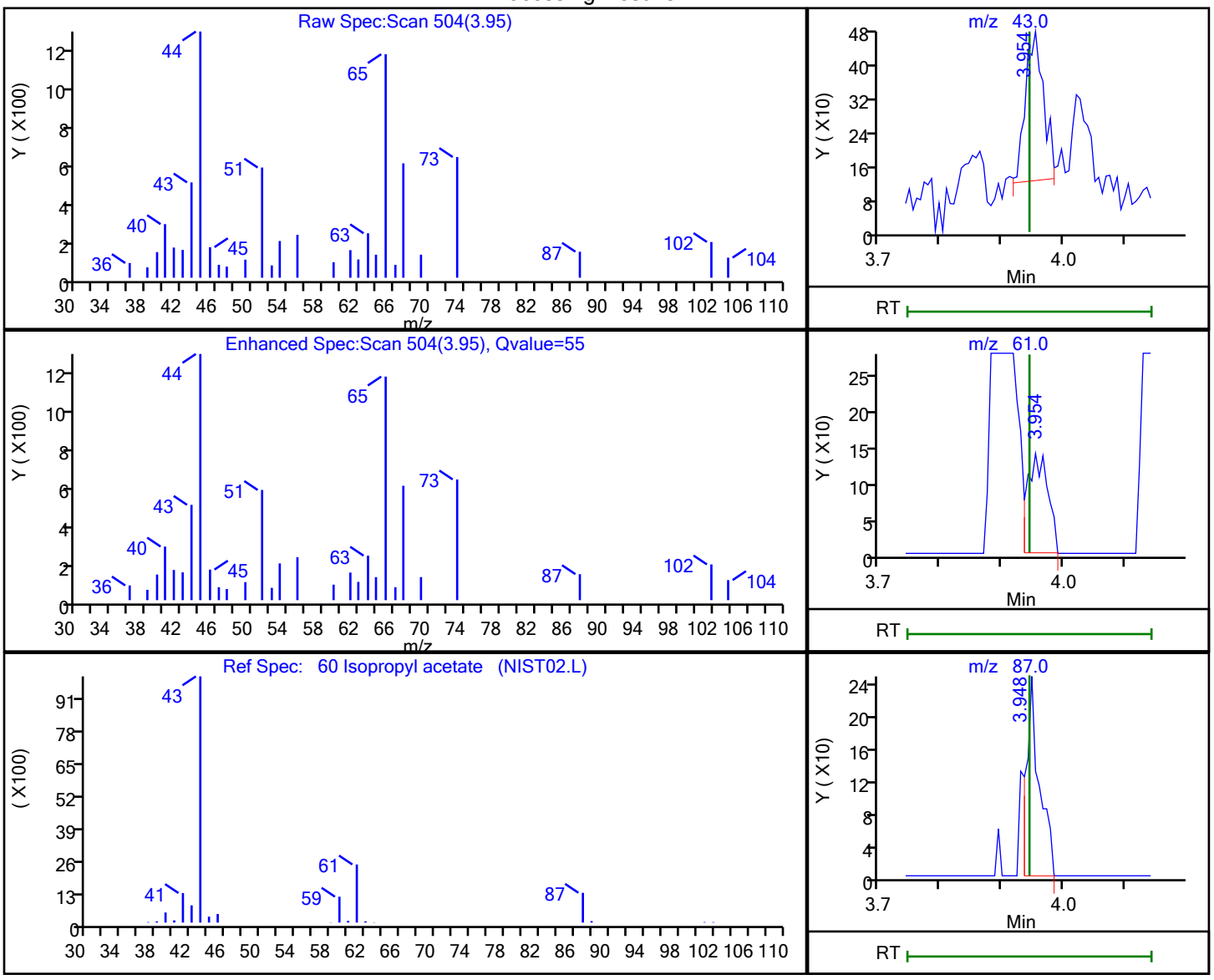
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.95	43.00	735	0.121516
3.95	61.00	322	
3.95	87.00	362	

Reviewer: PUV6, 22-Feb-2025 17:59:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

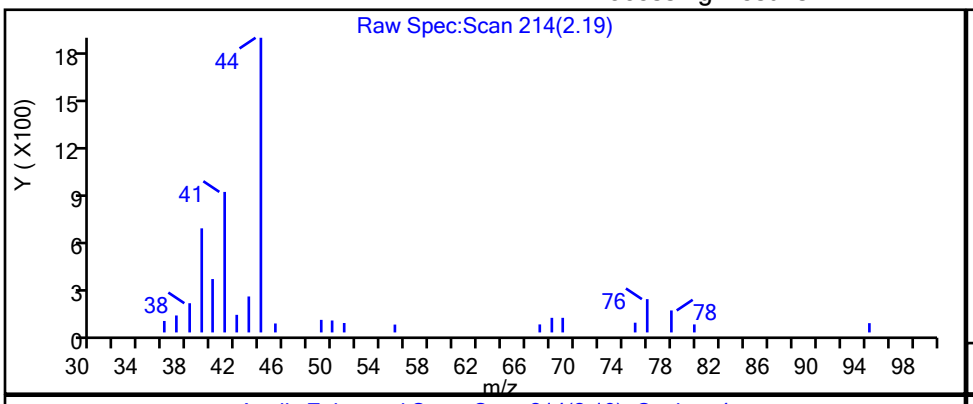
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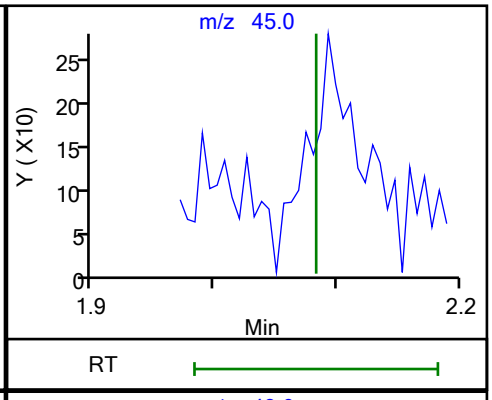
Eurofins Edison

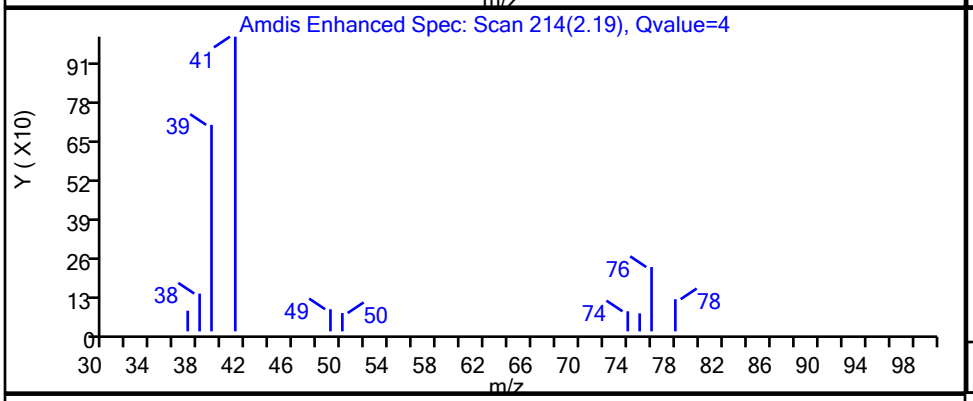
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

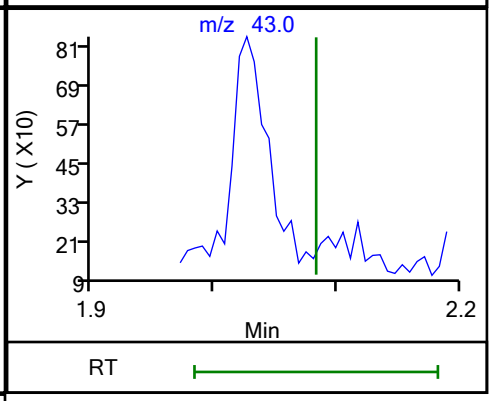
22 Isopropyl alcohol, CAS: 67-63-0

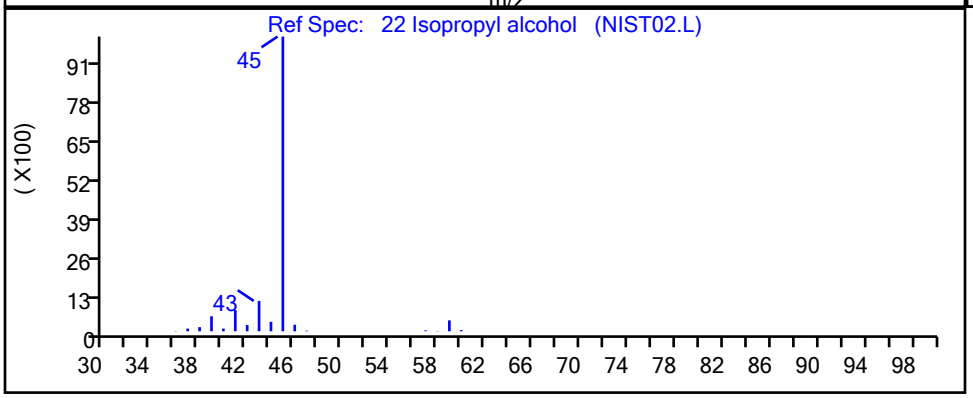
Processing Results











RT	Mass	Response	Amount
2.19	45.00	126	1.702916
2.20	43.00	779	

Reviewer: PUV6, 22-Feb-2025 17:58:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

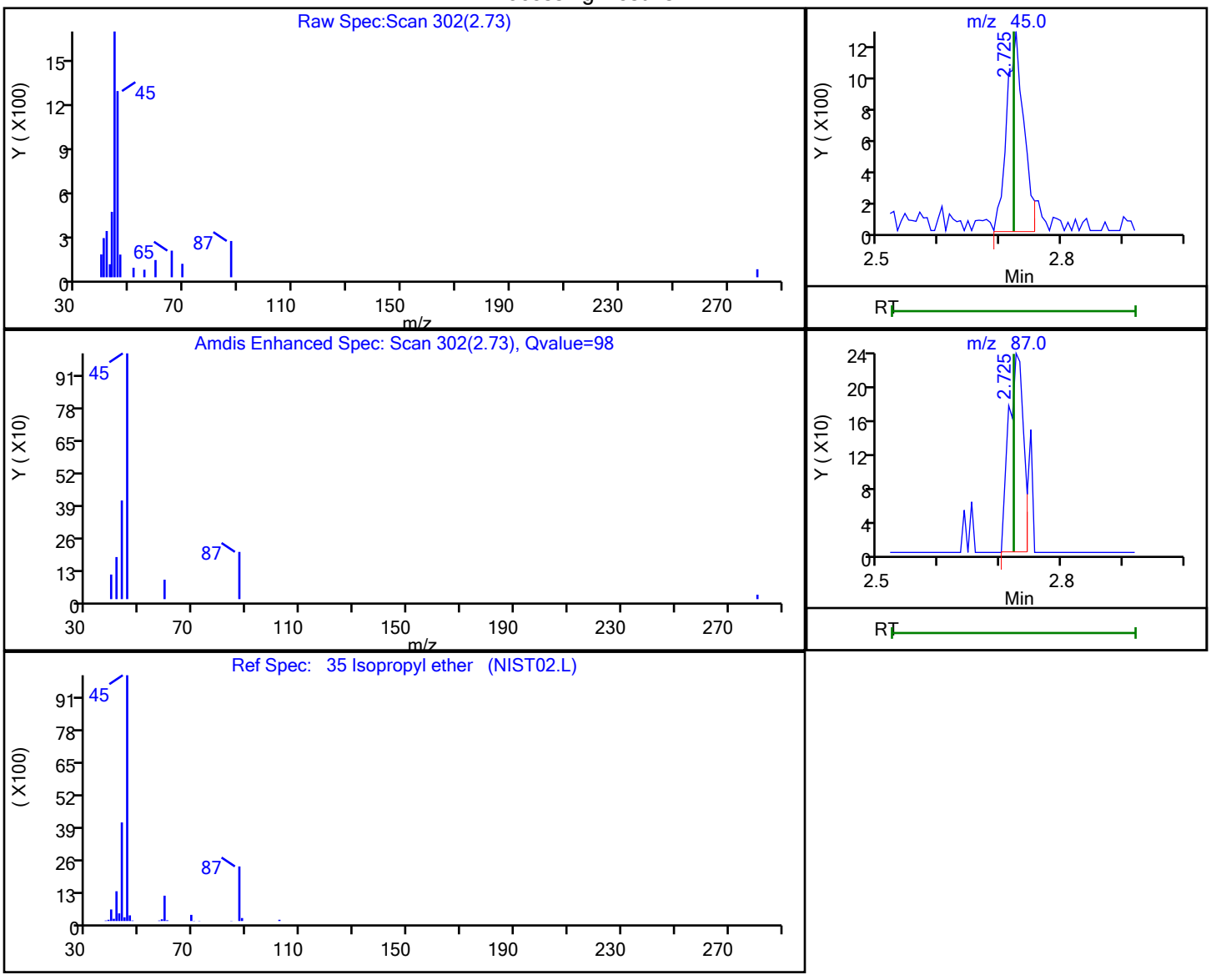
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.73	45.00	2363	0.267331
2.73	87.00	406	

Reviewer: PUV6, 22-Feb-2025 17:58:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

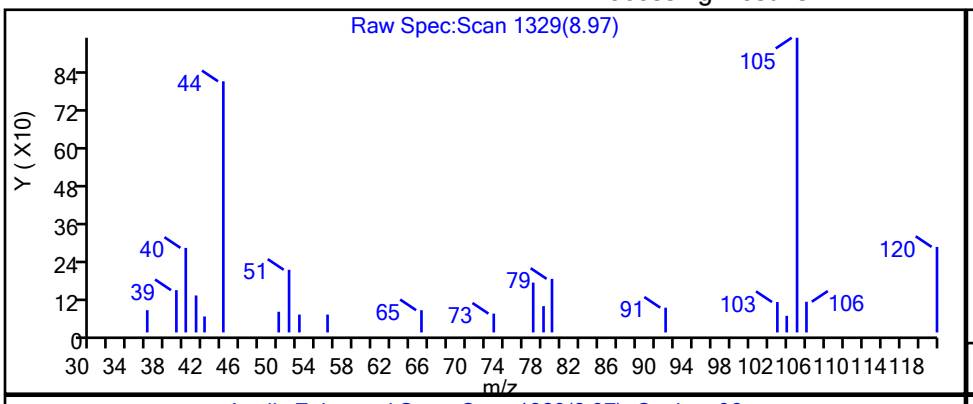
User Disabled Compound Report

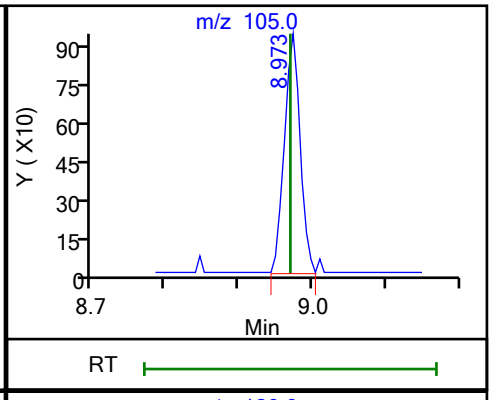
Eurofins Edison

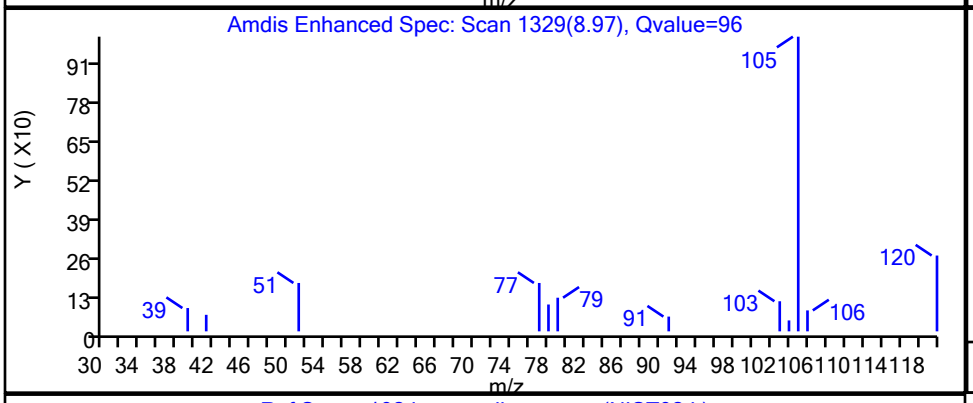
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

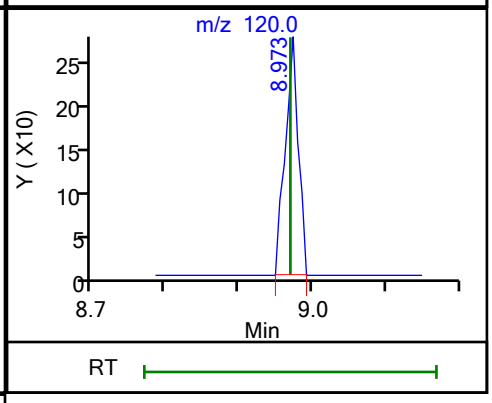
102 Isopropylbenzene, CAS: 98-82-8

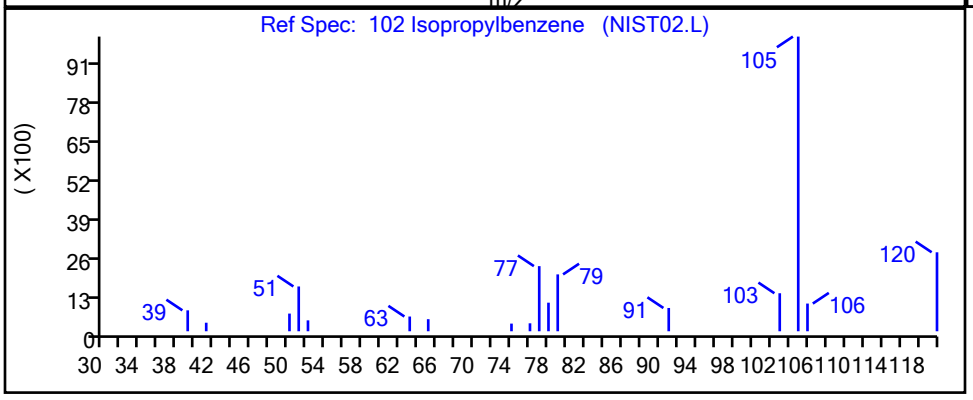
Processing Results











RT	Mass	Response	Amount
8.97	105.00	1406	0.200000
8.97	120.00	339	

Reviewer: PUV6, 22-Feb-2025 18:44:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

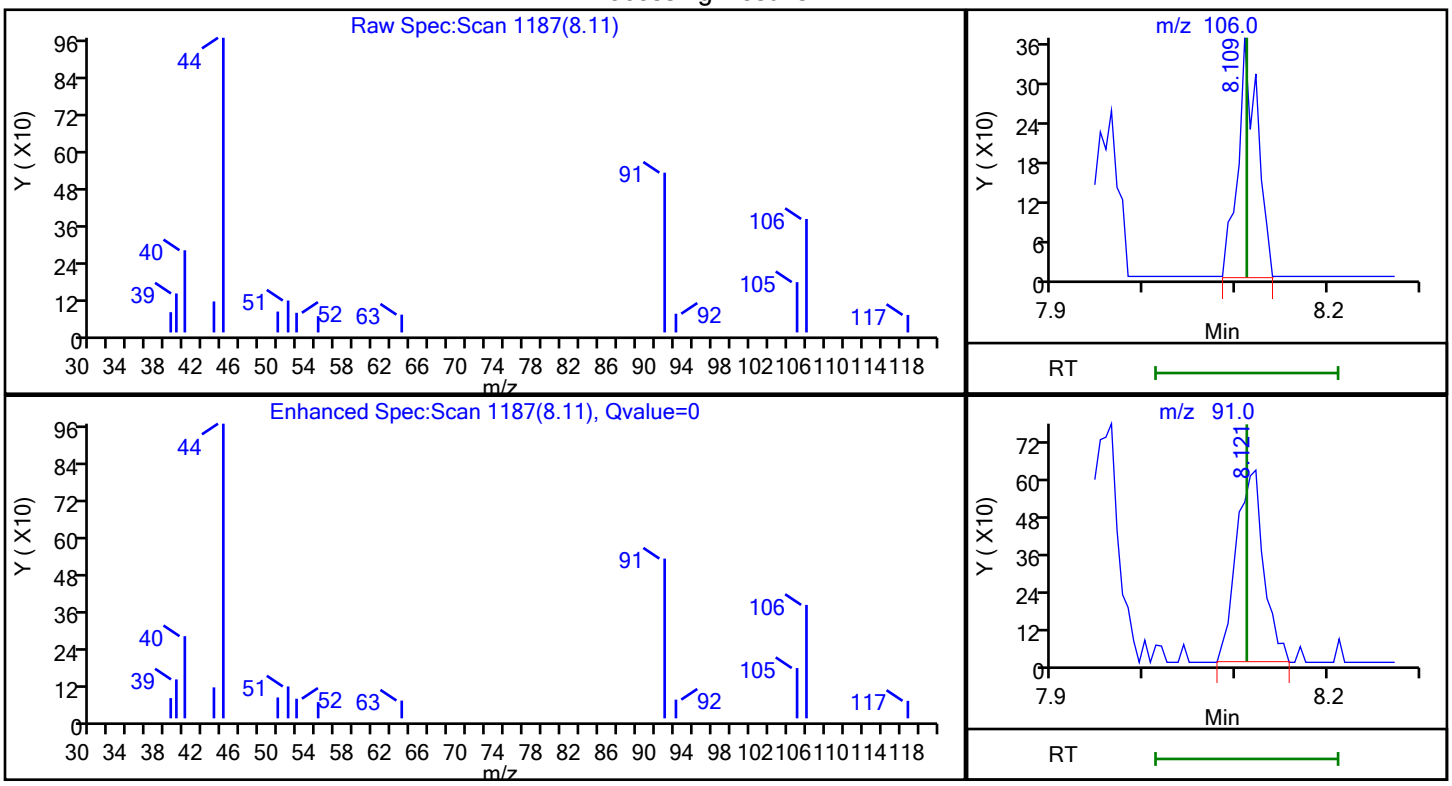
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.11	106.00	546	0.212259
8.12	91.00	1311	

Reviewer: PUV6, 22-Feb-2025 18:00:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

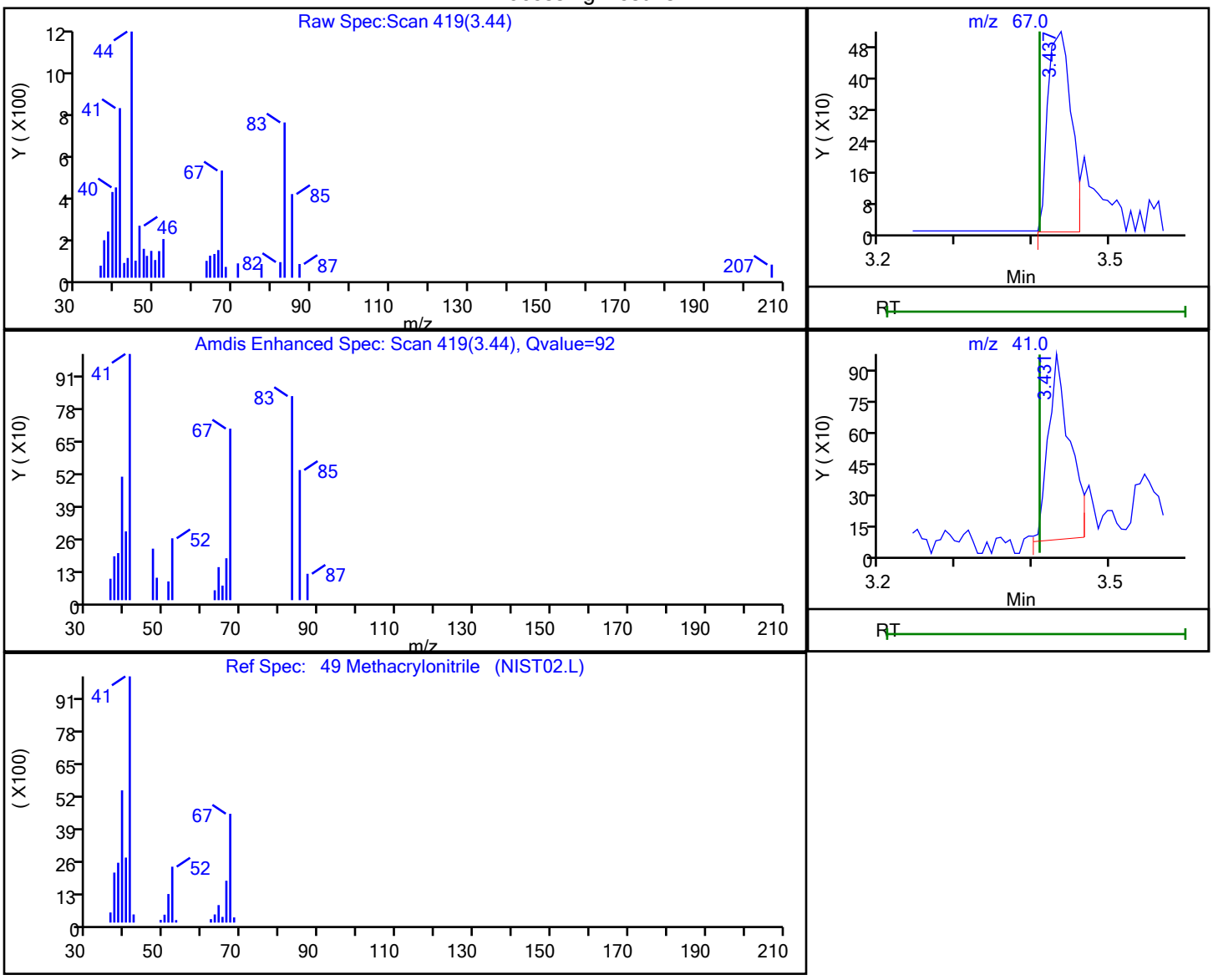
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.44	67.00	1099	1.191803
3.43	41.00	1783	

Reviewer: PUV6, 22-Feb-2025 17:58:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

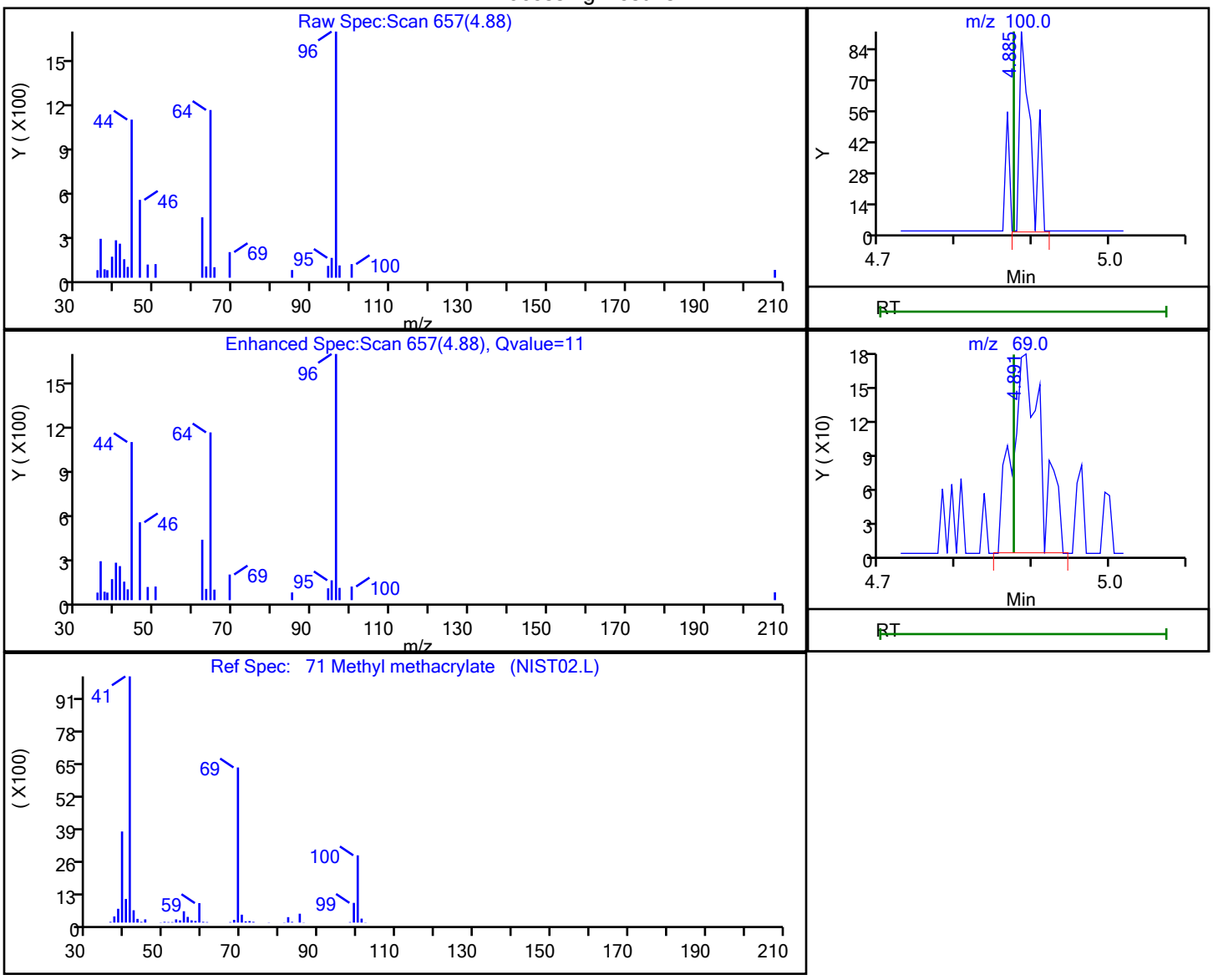
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
4.88	100.00	96	0.171739
4.89	69.00	477	

Reviewer: PUV6, 22-Feb-2025 17:59:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:17:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

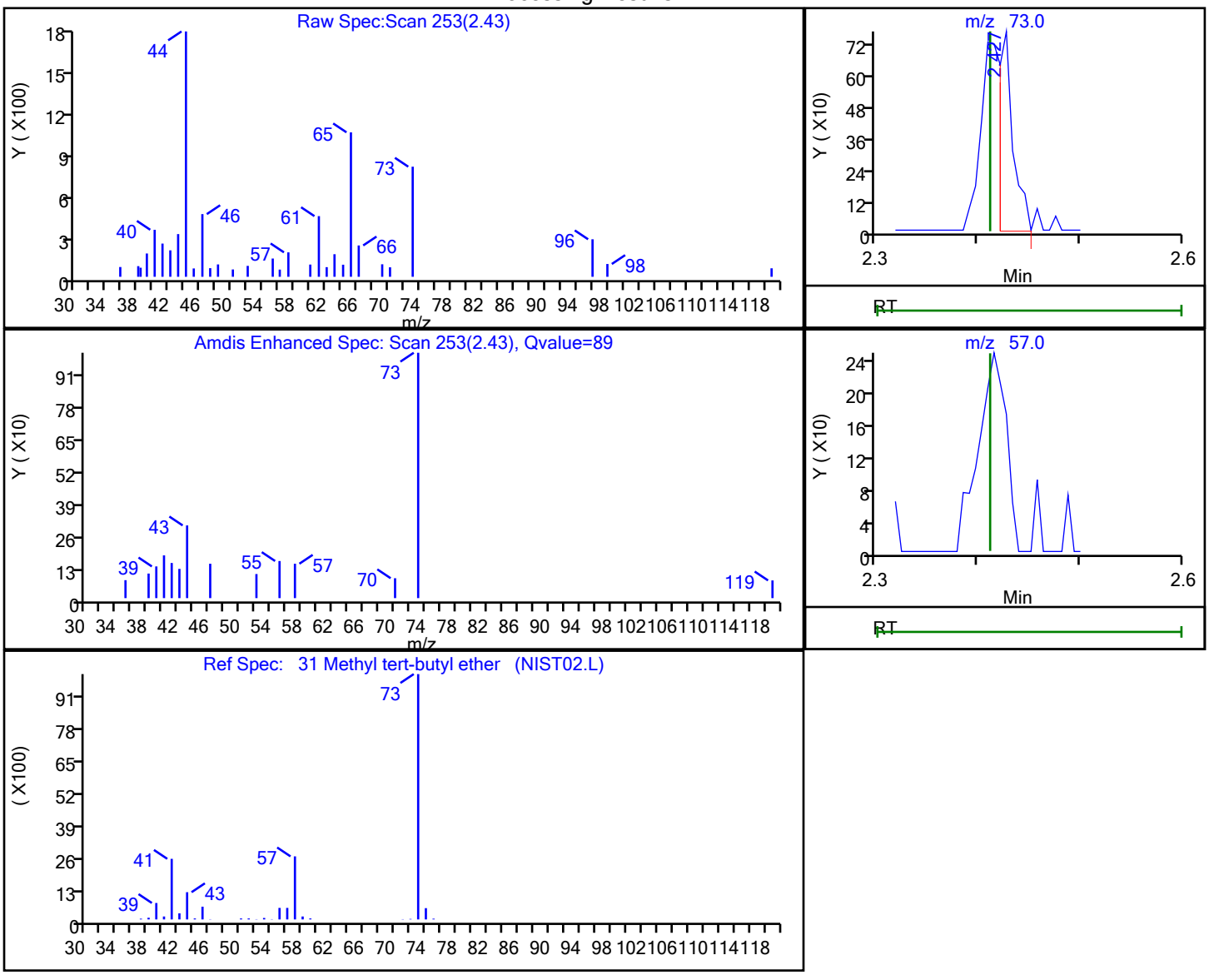
User Disabled Compound Report

Eurofins Edison

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Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

31 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.43	73.00	738	0.124528
2.45	57.00	0	

Reviewer: PUV6, 22-Feb-2025 17:58:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

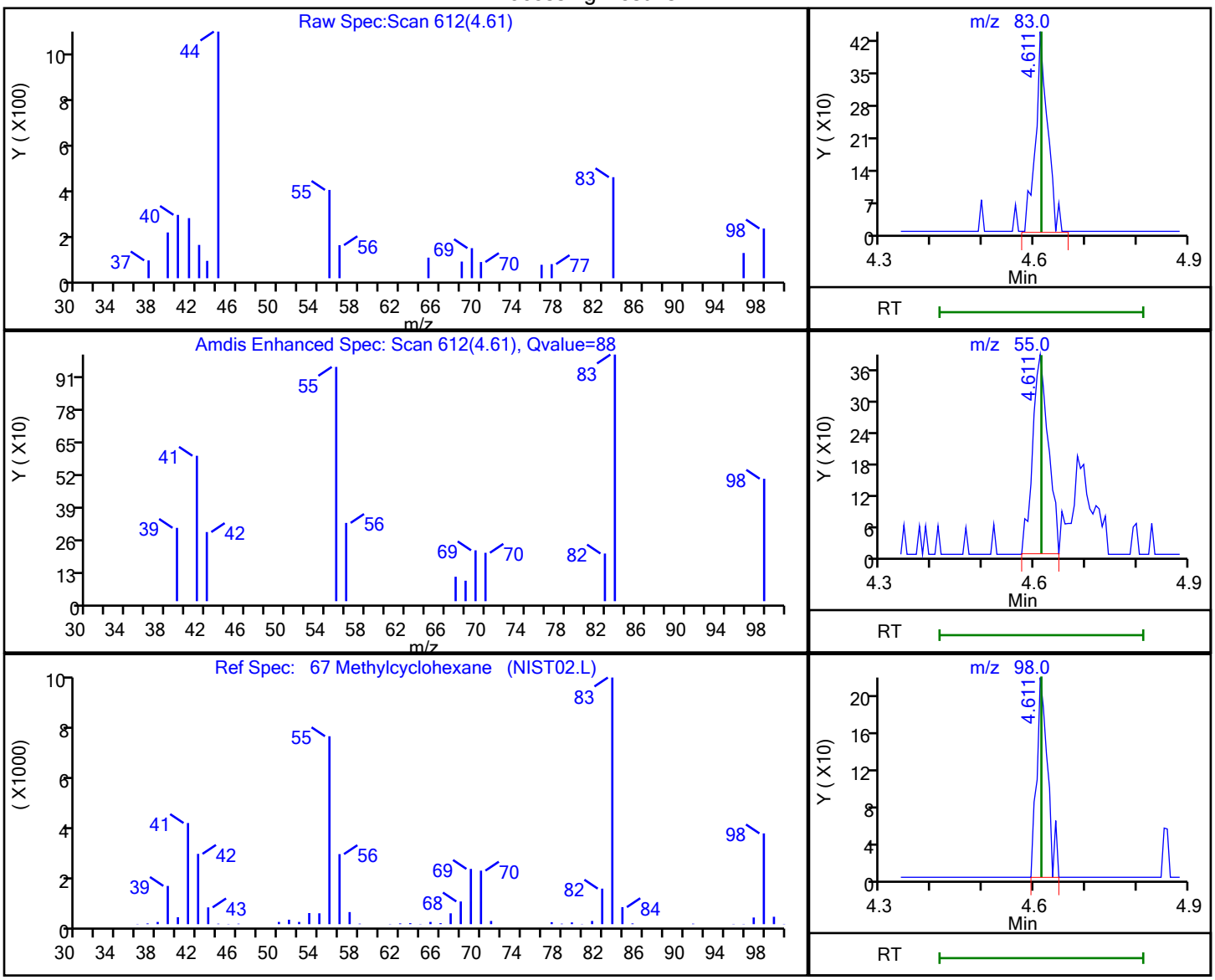
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.61	83.00	711	0.356709
4.61	55.00	816	
4.61	98.00	319	

Reviewer: PUV6, 22-Feb-2025 17:59:36 -05:00:00 (UTC)
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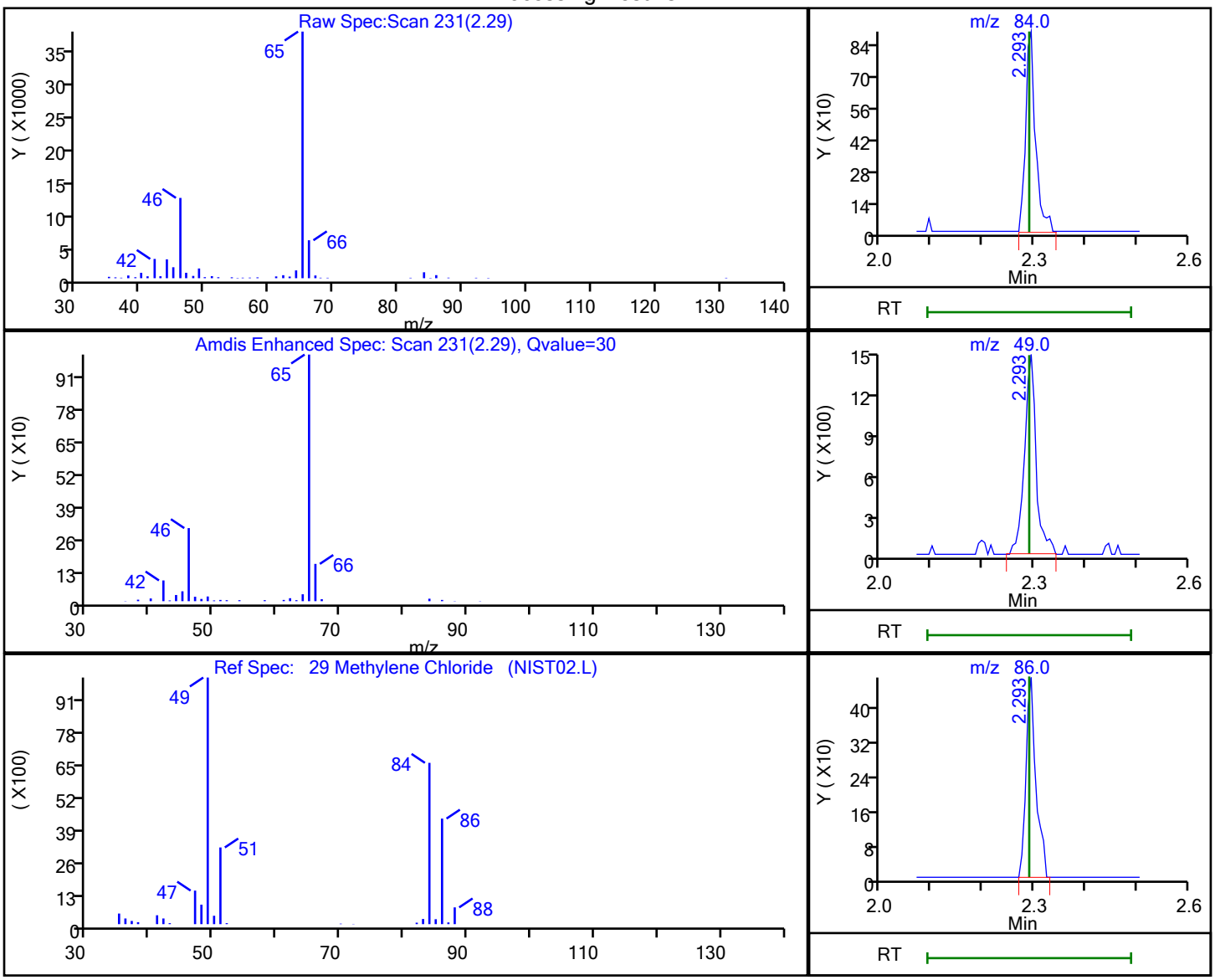
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.29	84.00	1203	0.513018
2.29	49.00	2351	
2.29	86.00	624	

Reviewer: PUV6, 22-Feb-2025 17:58:13 -05:00:00 (UTC)
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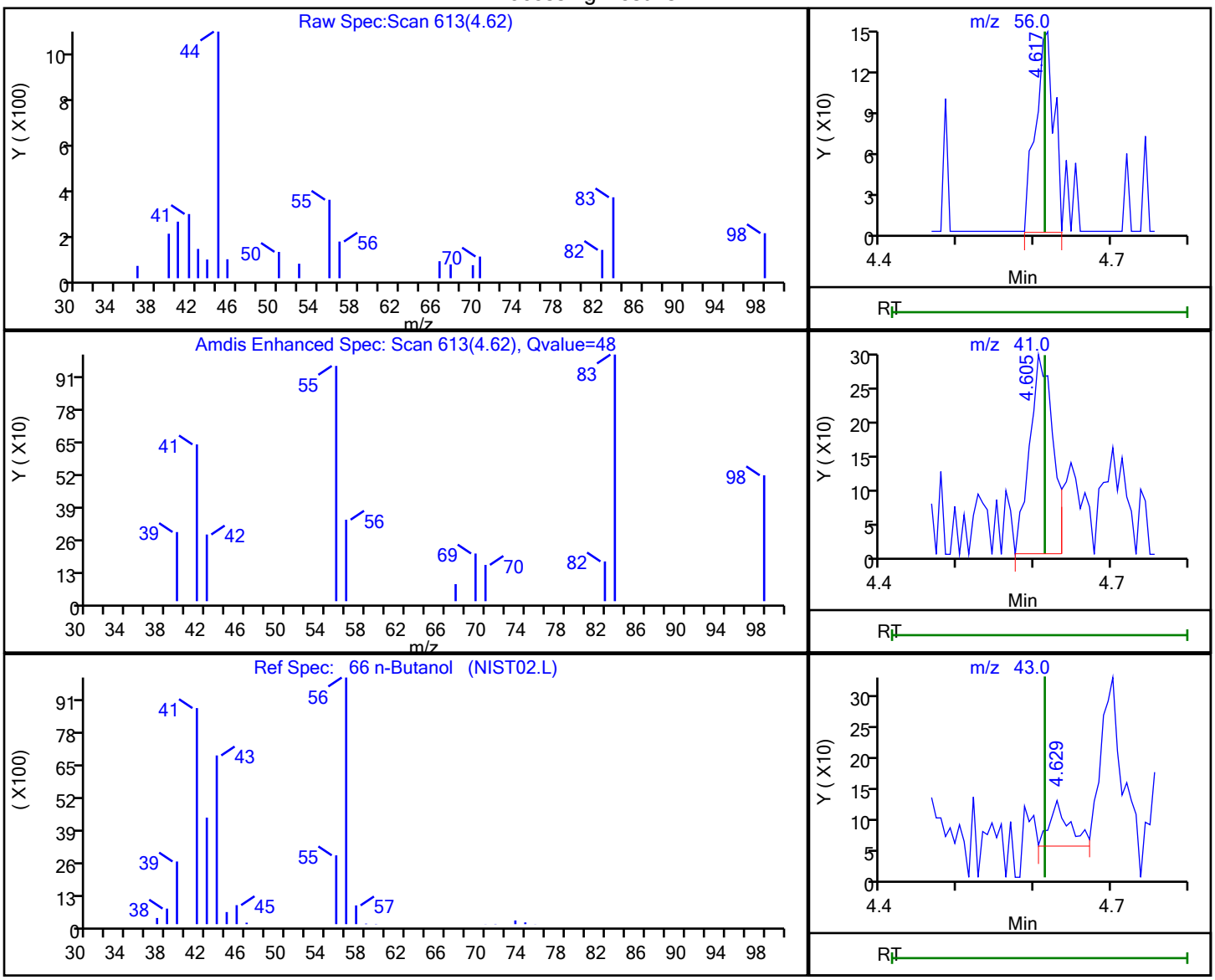
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.62	56.00	249	-3.310883
4.61	41.00	621	
4.63	43.00	125	

Reviewer: PUV6, 22-Feb-2025 17:59:35 -05:00:00 (UTC)
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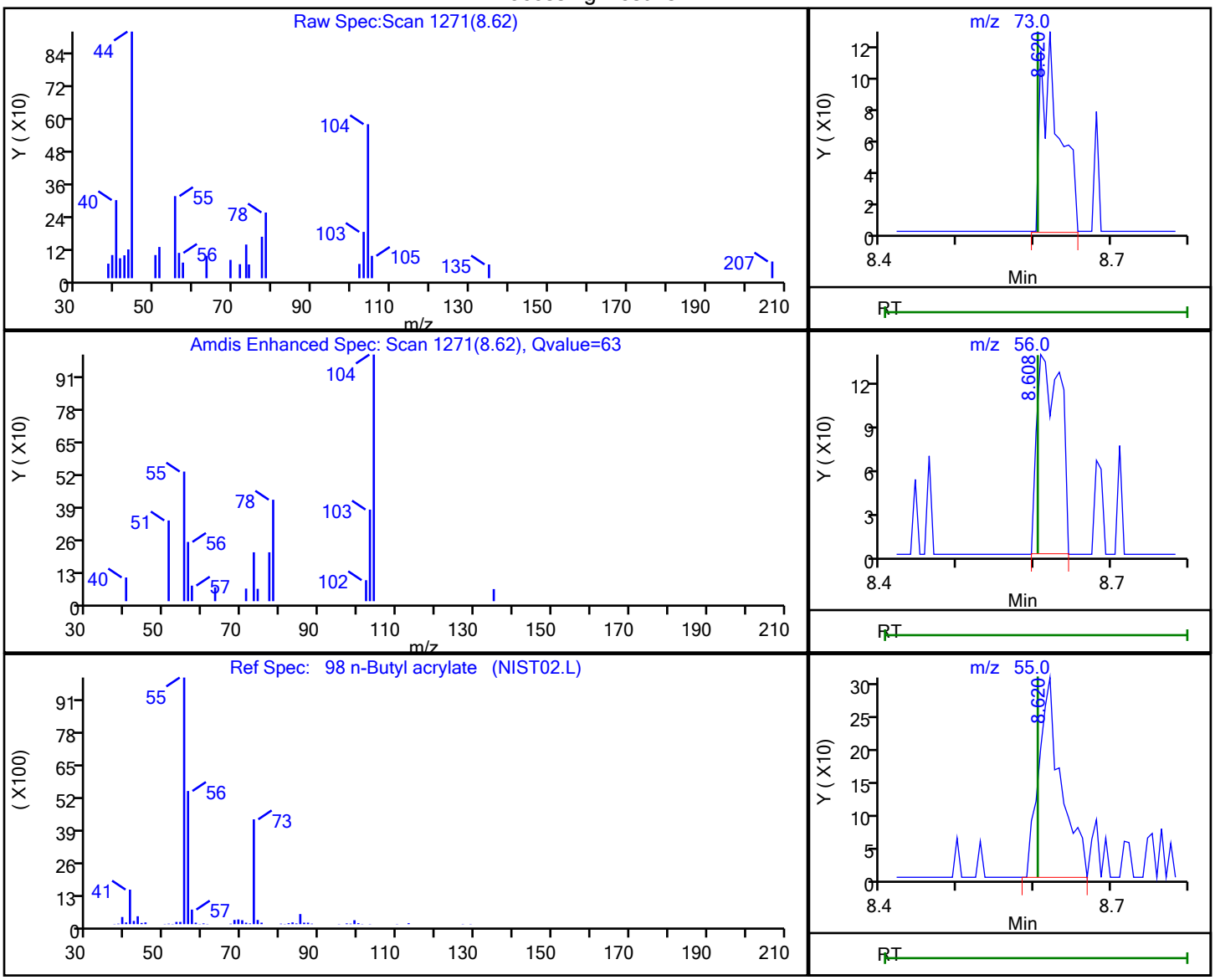
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Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

98 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.62	73.00	209	0.189231
8.61	56.00	292	
8.62	55.00	621	

Reviewer: PUV6, 22-Feb-2025 18:00:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

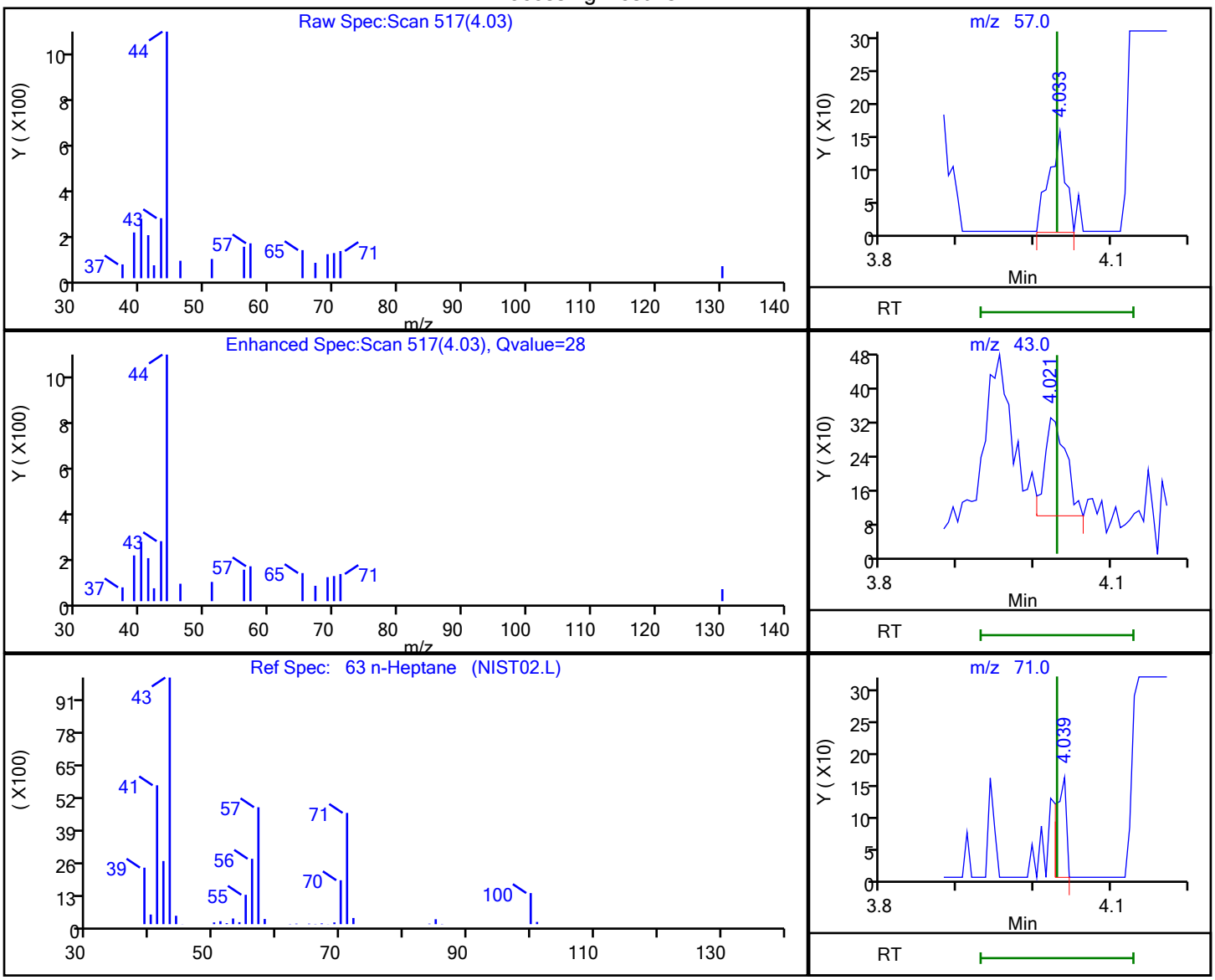
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.03	57.00	226	0.331190
4.02	43.00	463	
4.04	71.00	144	

Reviewer: PUV6, 22-Feb-2025 17:59:31 -05:00:00 (UTC)
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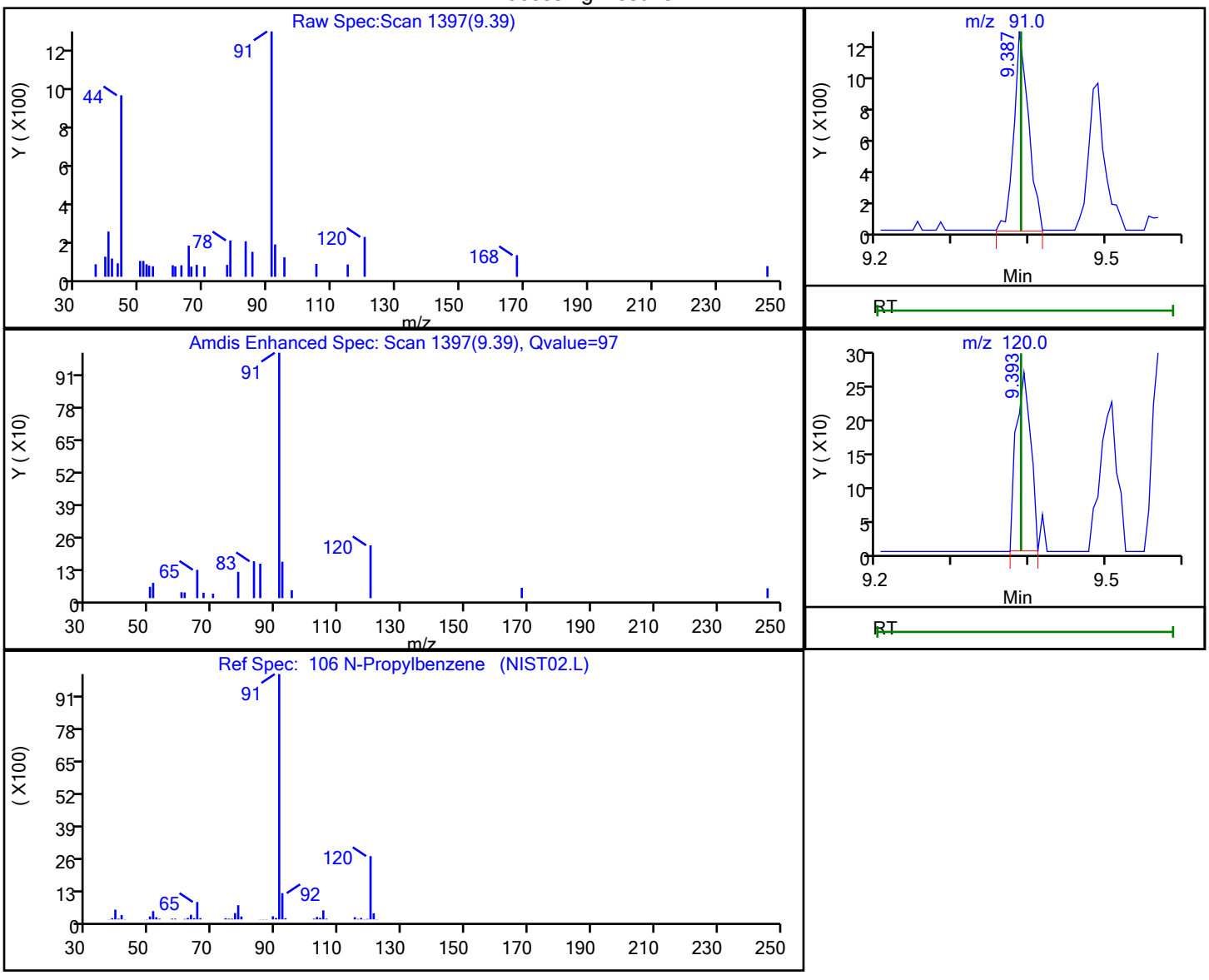
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.39	91.00	1650	0.213031
9.39	120.00	350	

Reviewer: PUV6, 22-Feb-2025 18:00:40 -05:00:00 (UTC)
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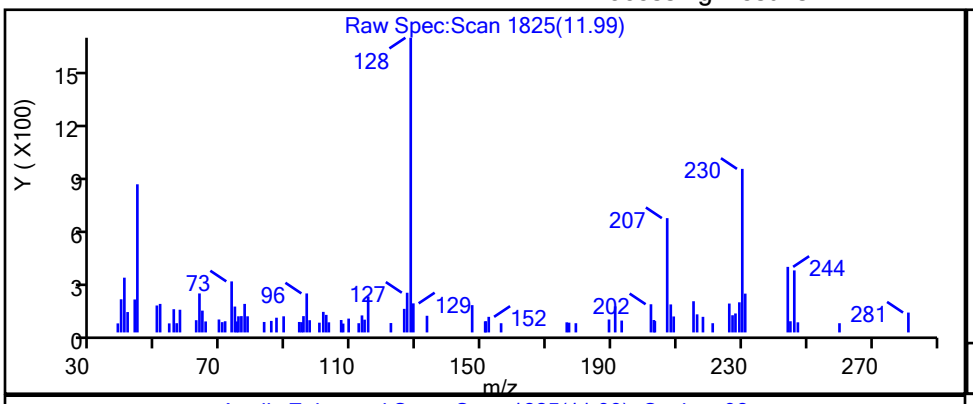
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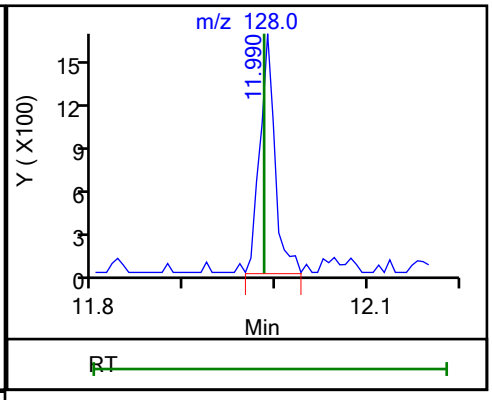
Eurofins Edison

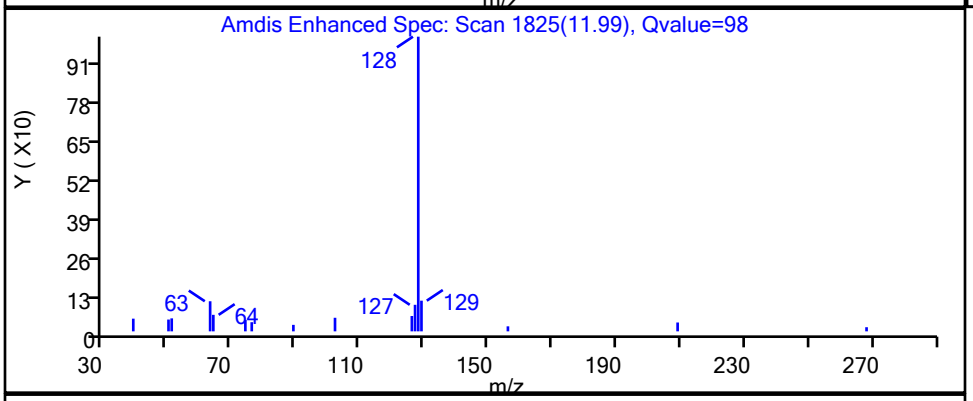
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

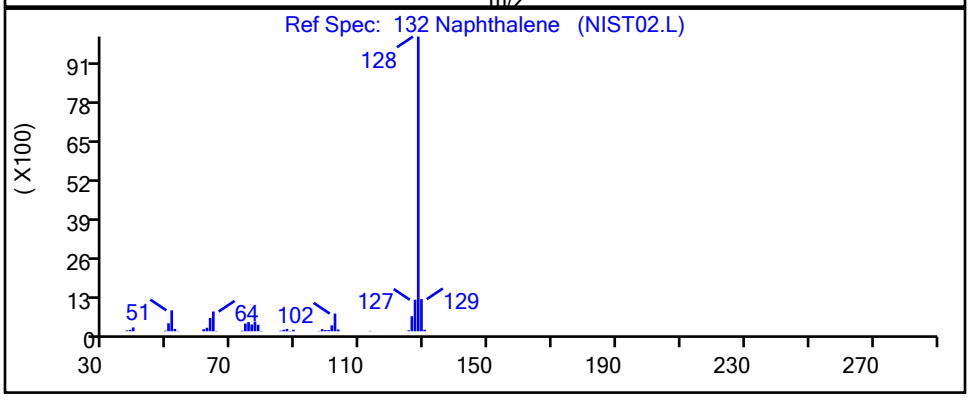
132 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
11.99	128.00	1878	0.345731

Reviewer: PUV6, 22-Feb-2025 18:01:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

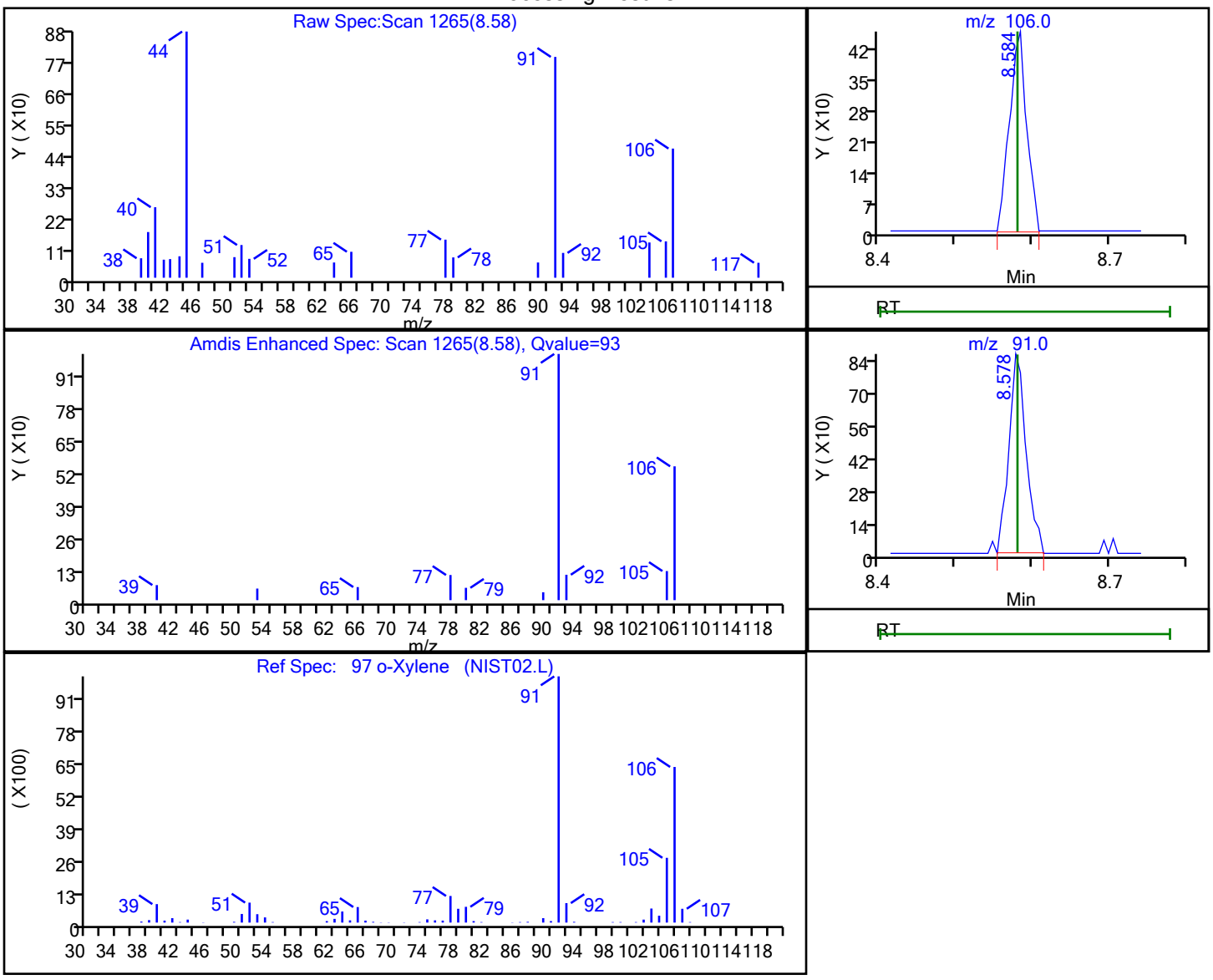
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.58	106.00	714	0.270074
8.58	91.00	1364	

Reviewer: PUV6, 22-Feb-2025 18:00:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

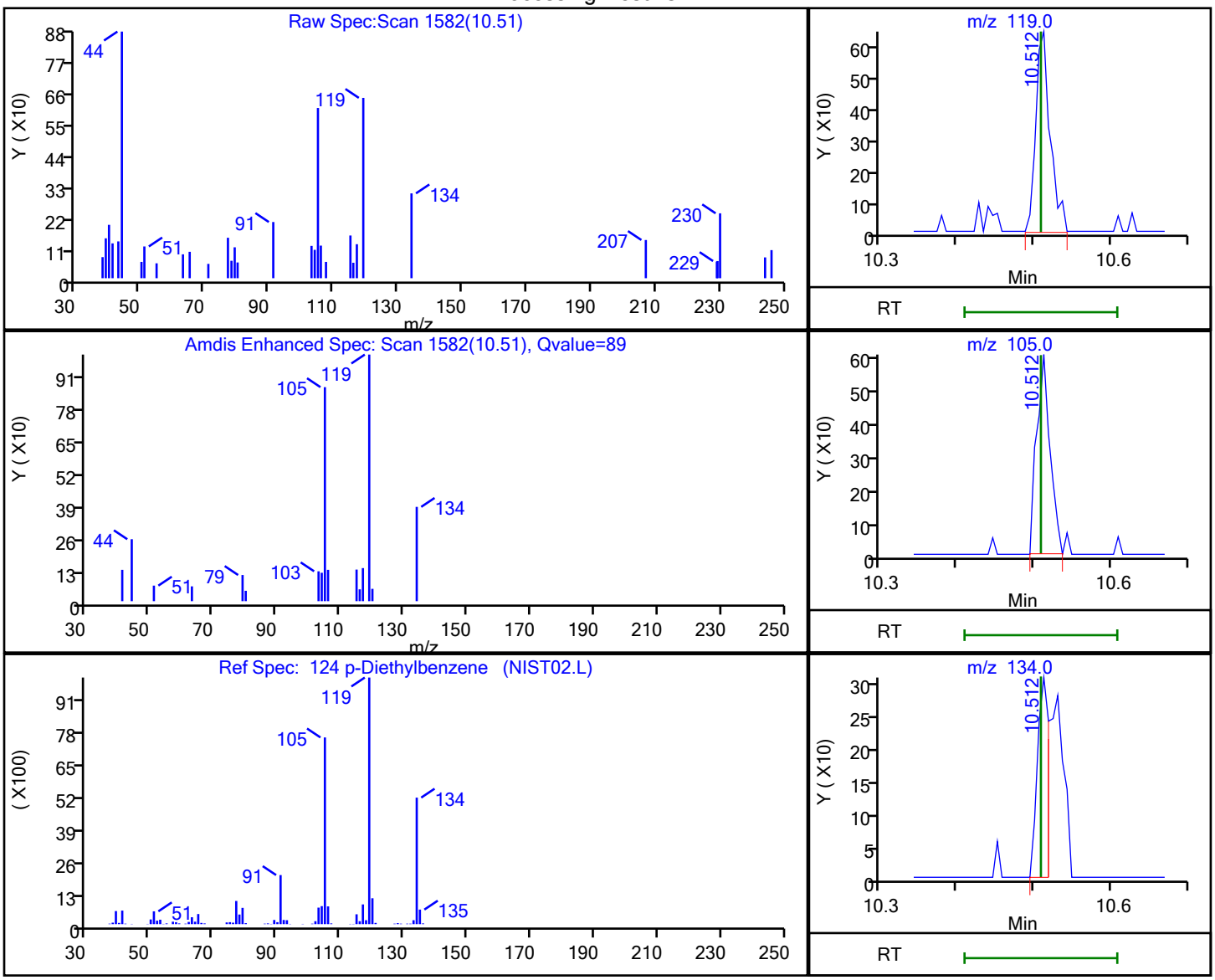
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.51	119.00	834	0.287625
10.51	105.00	740	
10.51	134.00	314	

Reviewer: PUV6, 22-Feb-2025 18:01:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

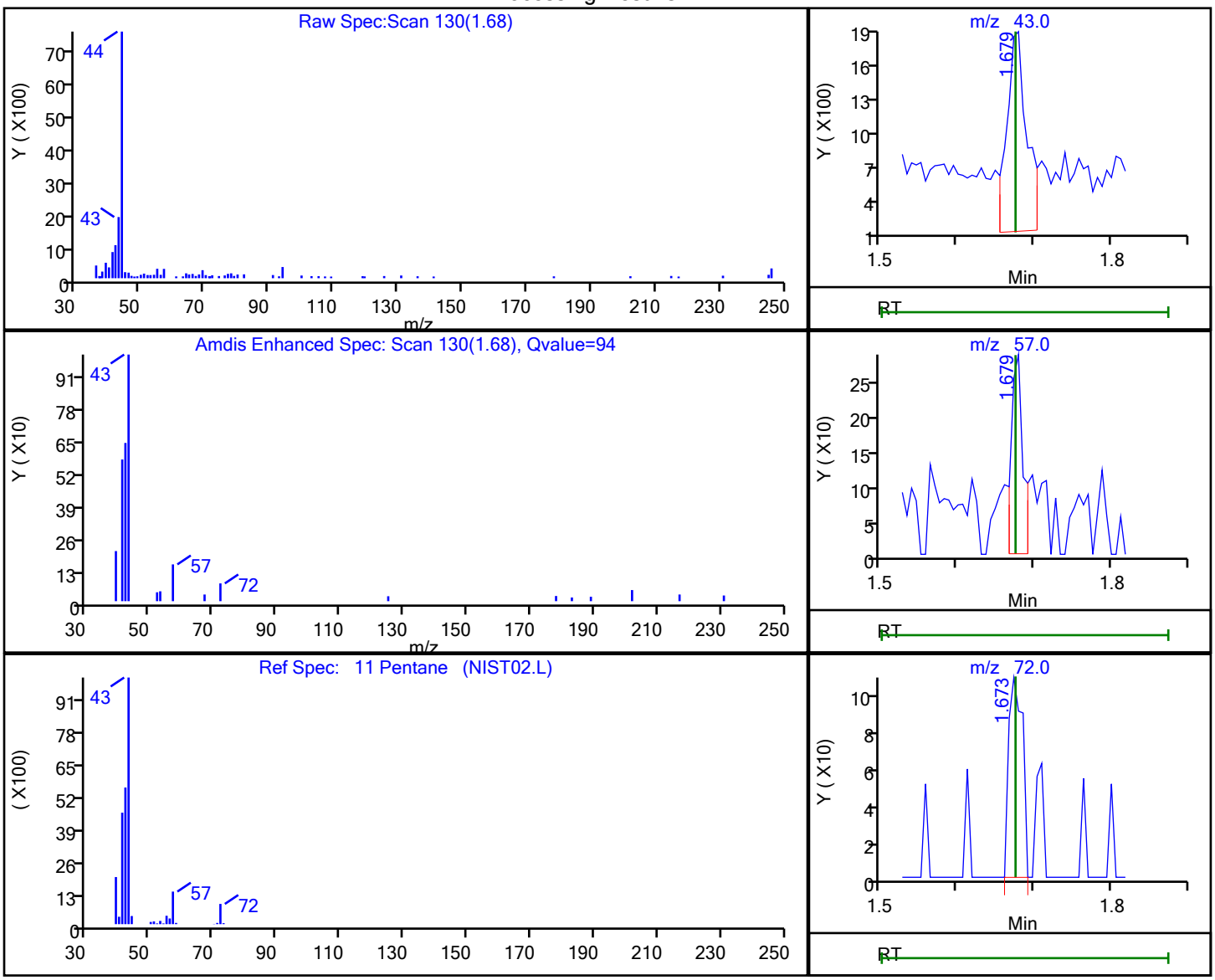
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.68	43.00	3278	1.231990
1.68	57.00	310	
1.67	72.00	135	

Reviewer: PUV6, 22-Feb-2025 17:57:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:17:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

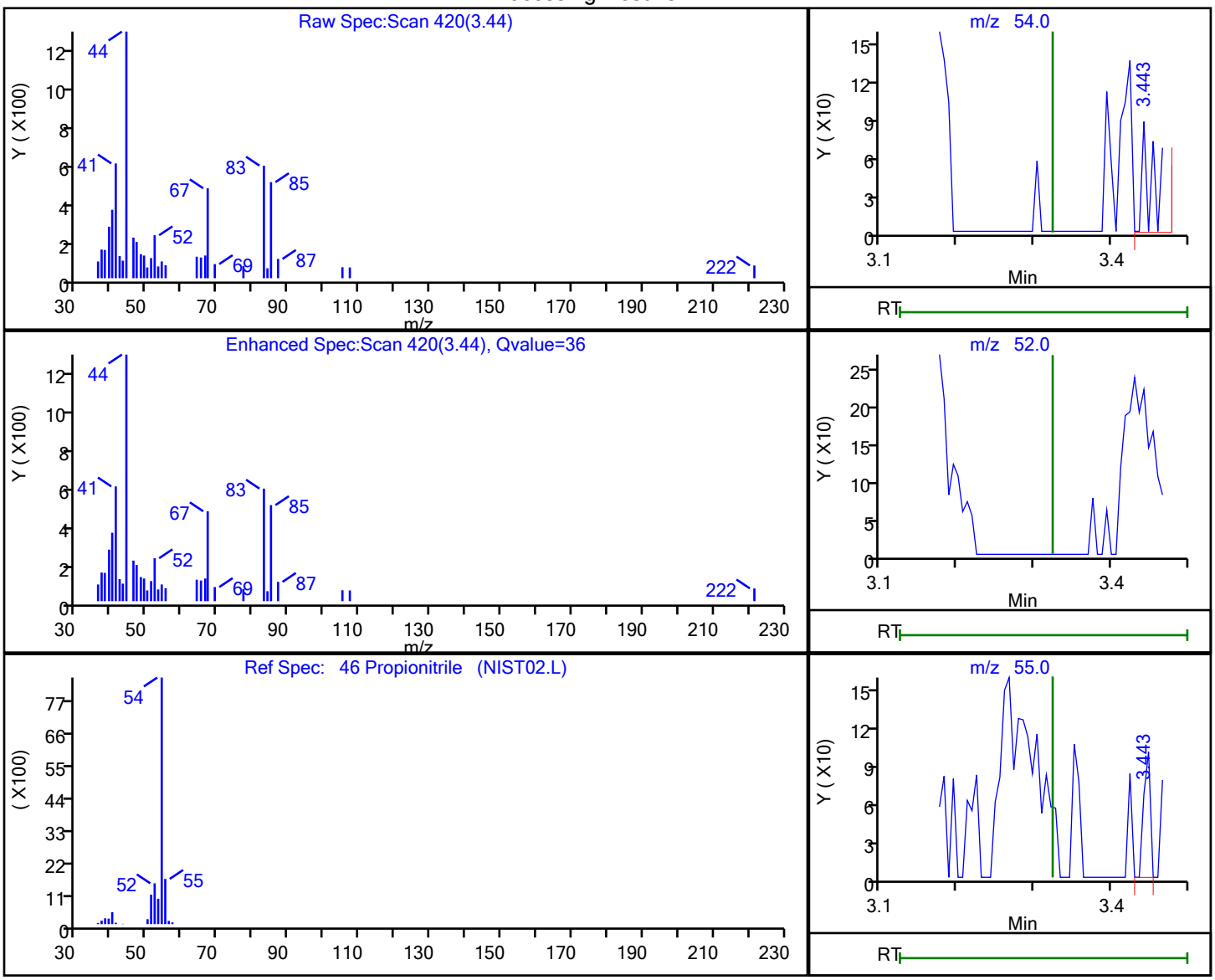
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.44	54.00	100	0.461279
3.43	52.00	691	
3.44	55.00	59	

Reviewer: PUV6, 22-Feb-2025 17:58:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

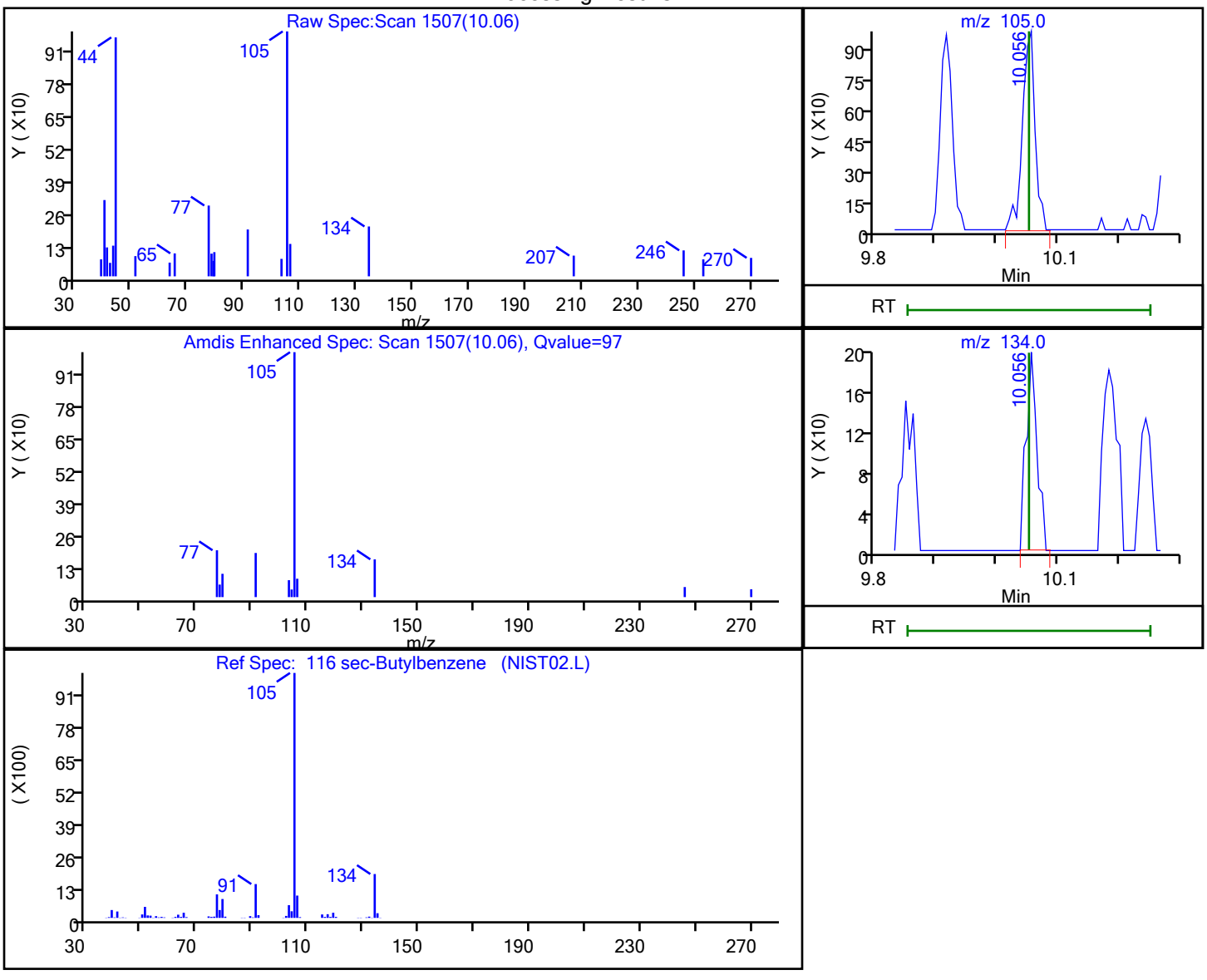
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.06	105.00	1420	0.257712
10.06	134.00	249	

Reviewer: PUV6, 22-Feb-2025 18:01:07 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

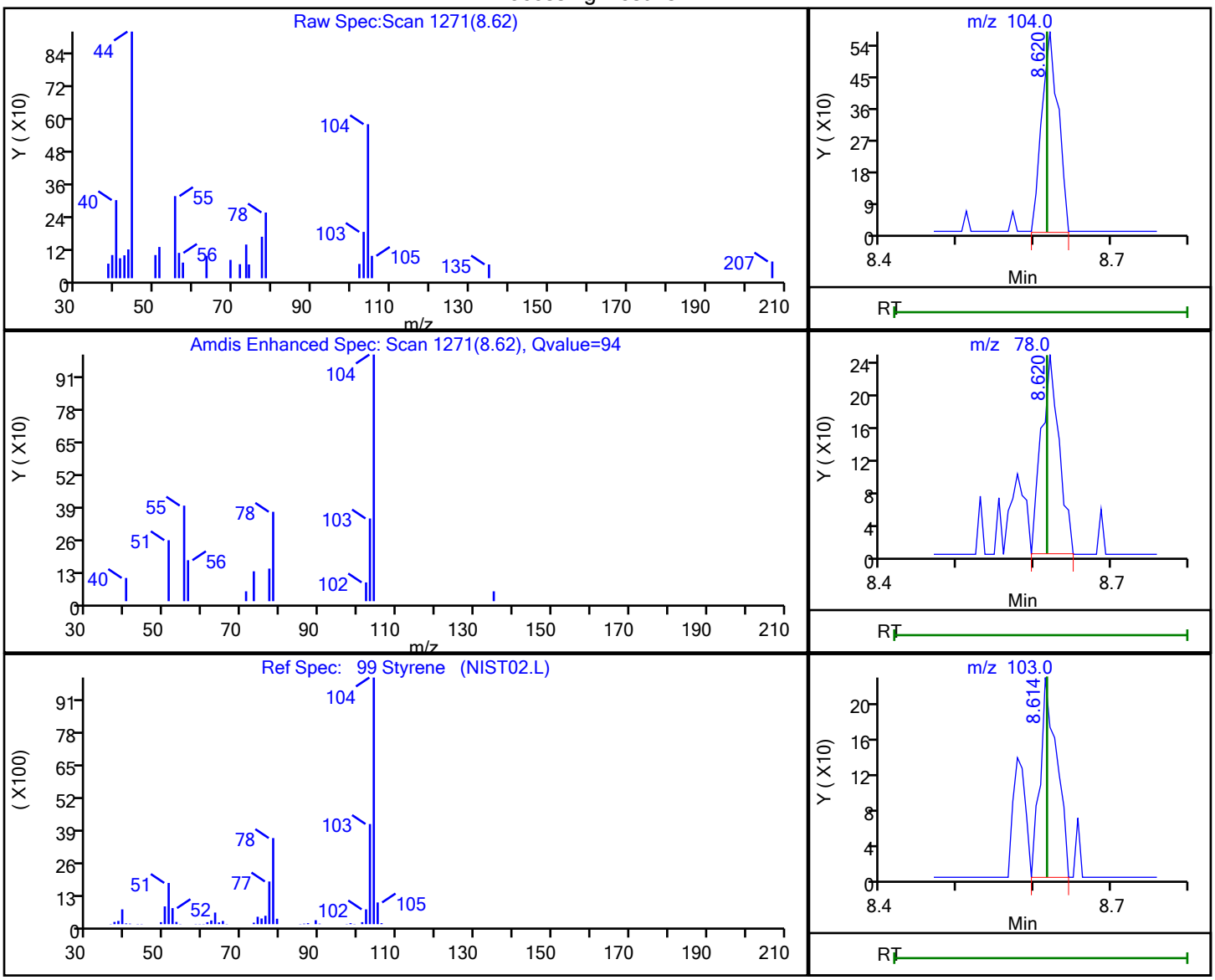
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.62	104.00	848	0.211199
8.62	78.00	392	
8.61	103.00	346	

Reviewer: NN6A, 23-Feb-2025 10:52:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

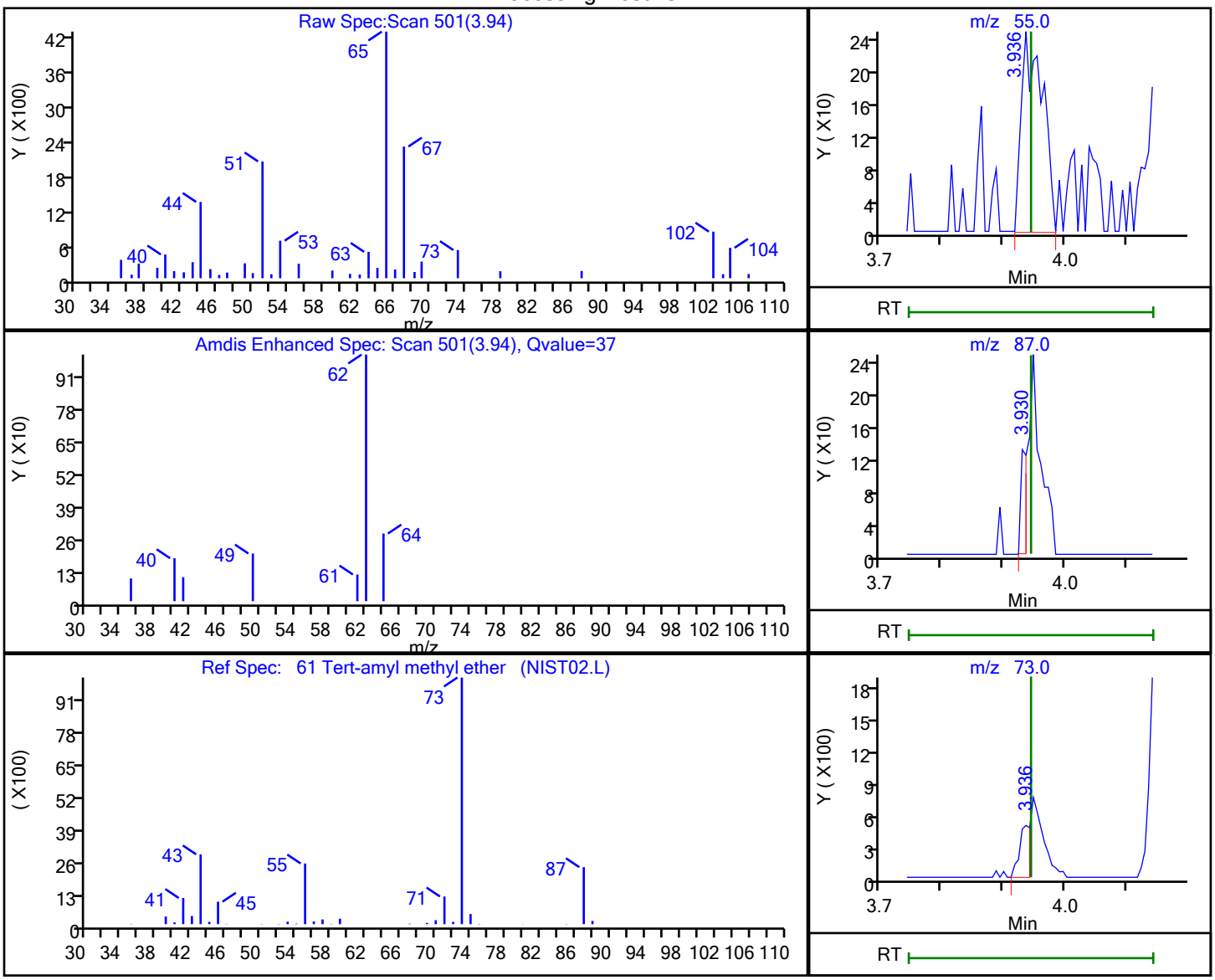
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

61 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.94	55.00	594	0.340562
3.93	87.00	93	
3.94	73.00	610	

Reviewer: PUV6, 22-Feb-2025 17:59:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

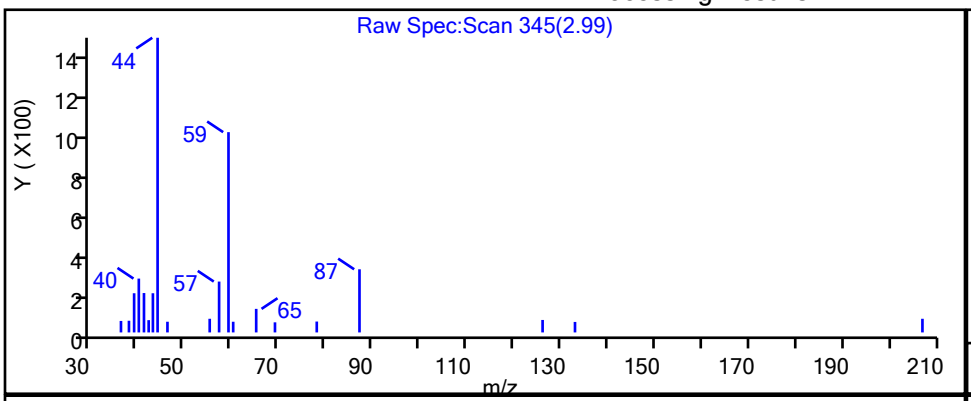
User Disabled Compound Report

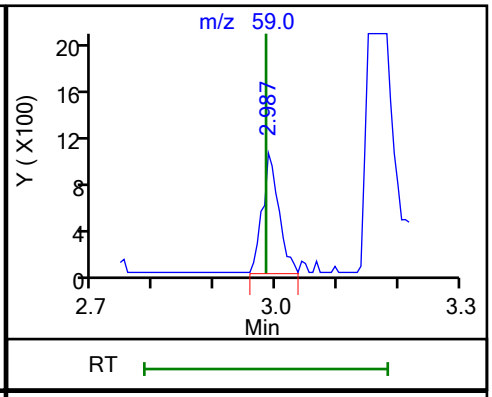
Eurofins Edison

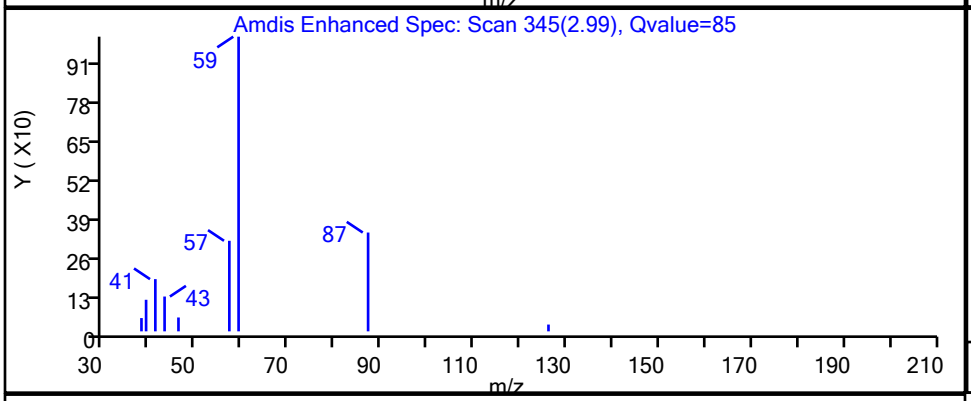
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

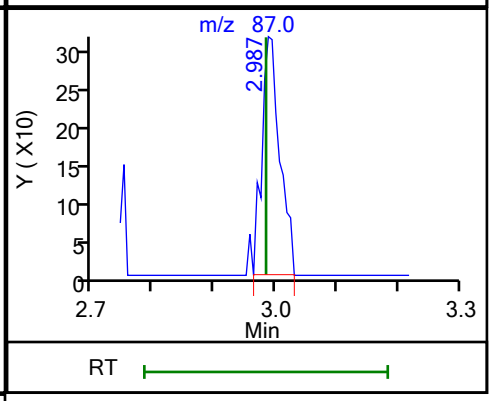
39 Tert-butyl ethyl ether, CAS: 637-92-3

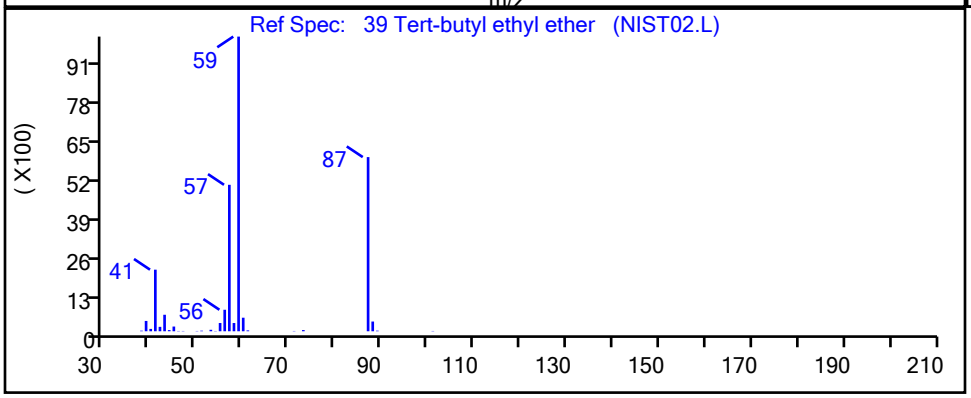
Processing Results











RT	Mass	Response	Amount
2.99	59.00	1878	0.235728
2.99	87.00	653	

Reviewer: PUV6, 22-Feb-2025 17:58:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

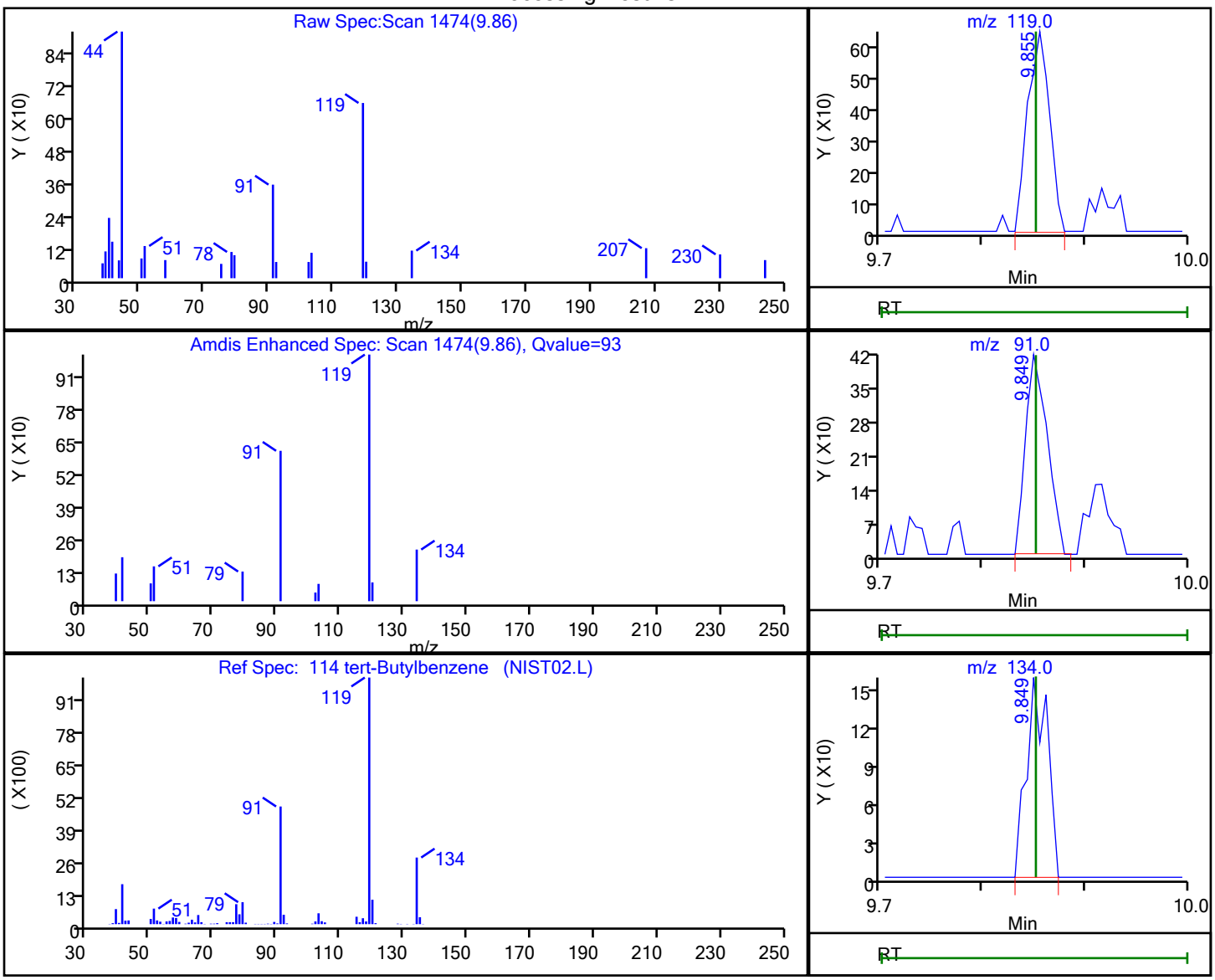
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.86	119.00	964	0.244681
9.85	91.00	619	
9.85	134.00	217	

Reviewer: PUV6, 22-Feb-2025 18:01:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

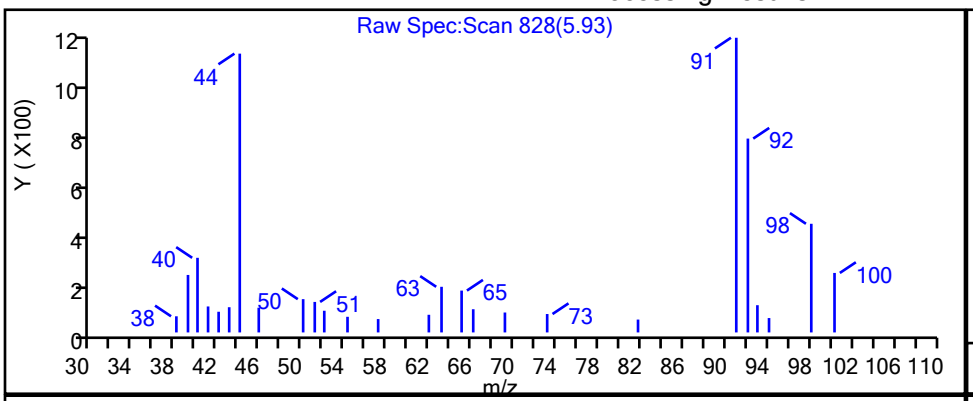
User Disabled Compound Report

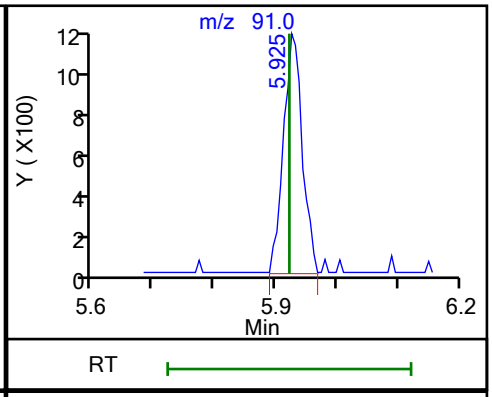
Eurofins Edison

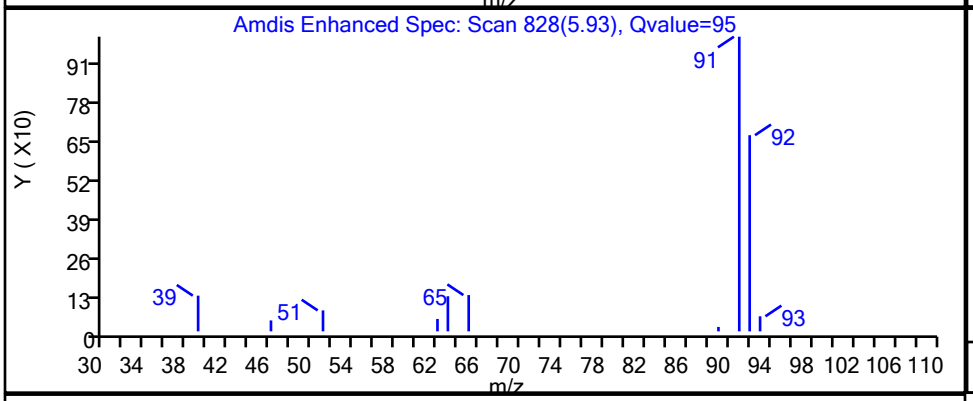
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Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

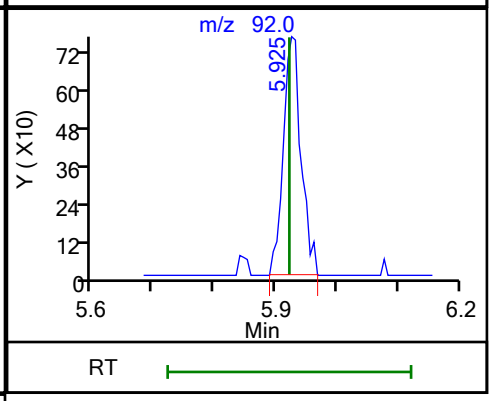
82 Toluene, CAS: 108-88-3

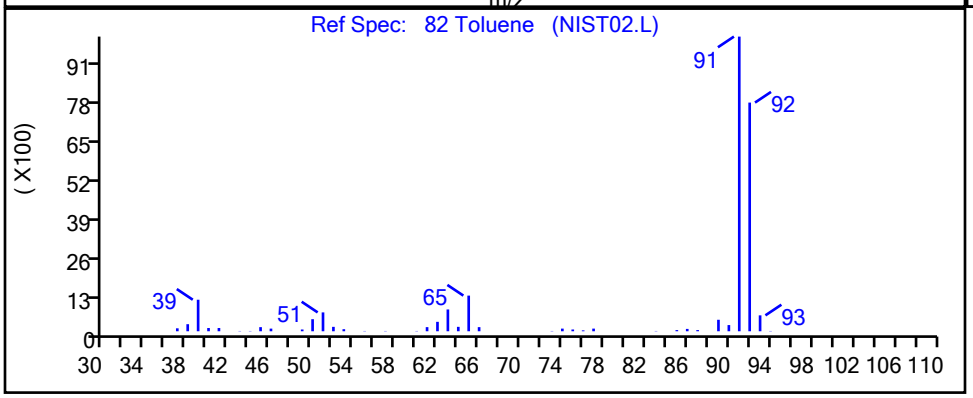
Processing Results











RT	Mass	Response	Amount
5.93	91.00	2495	0.198004
5.93	92.00	1563	

Reviewer: NN6A, 23-Feb-2025 10:51:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

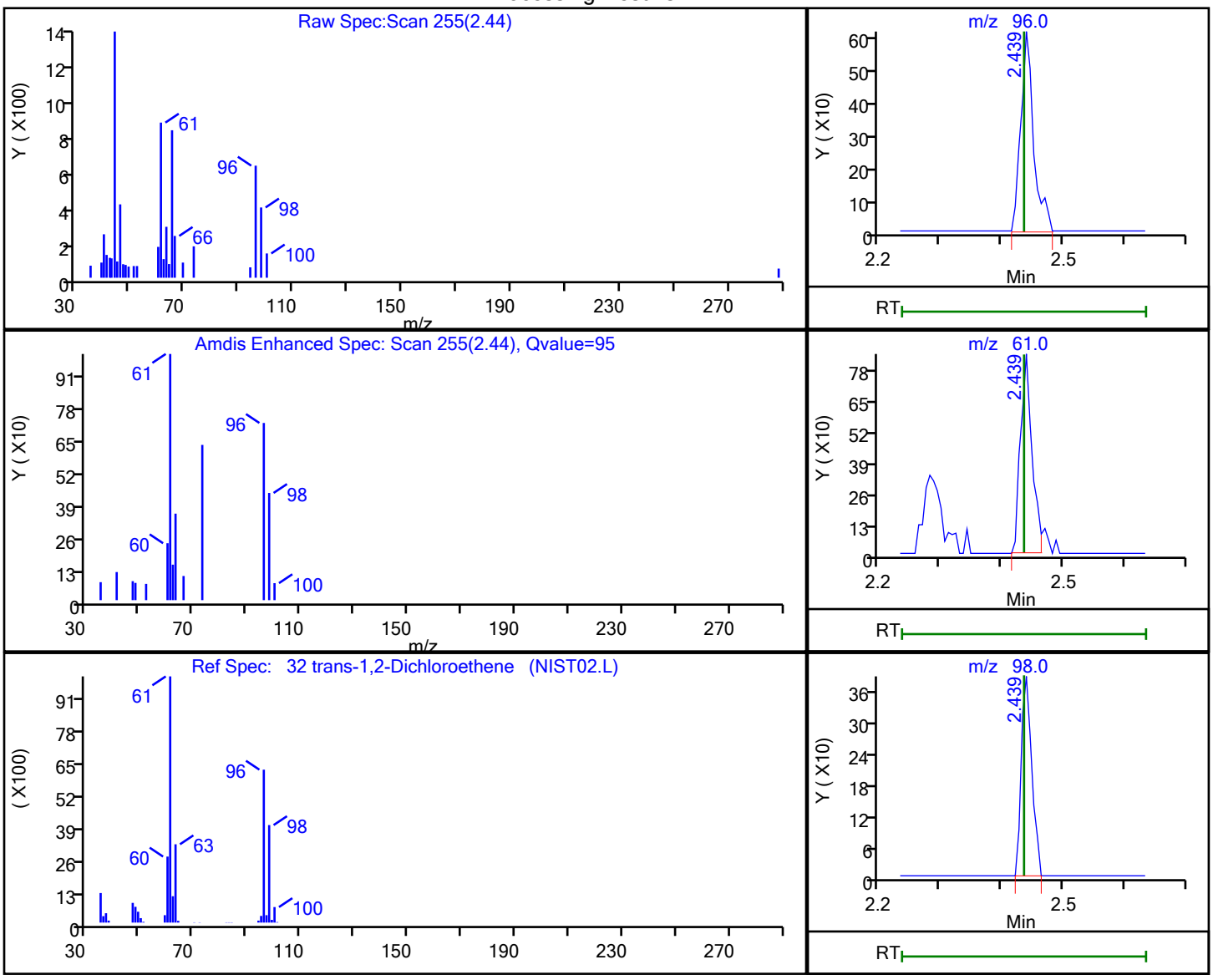
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.44	96.00	897	0.257908
2.44	61.00	1129	
2.44	98.00	464	

Reviewer: NN6A, 23-Feb-2025 10:51:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

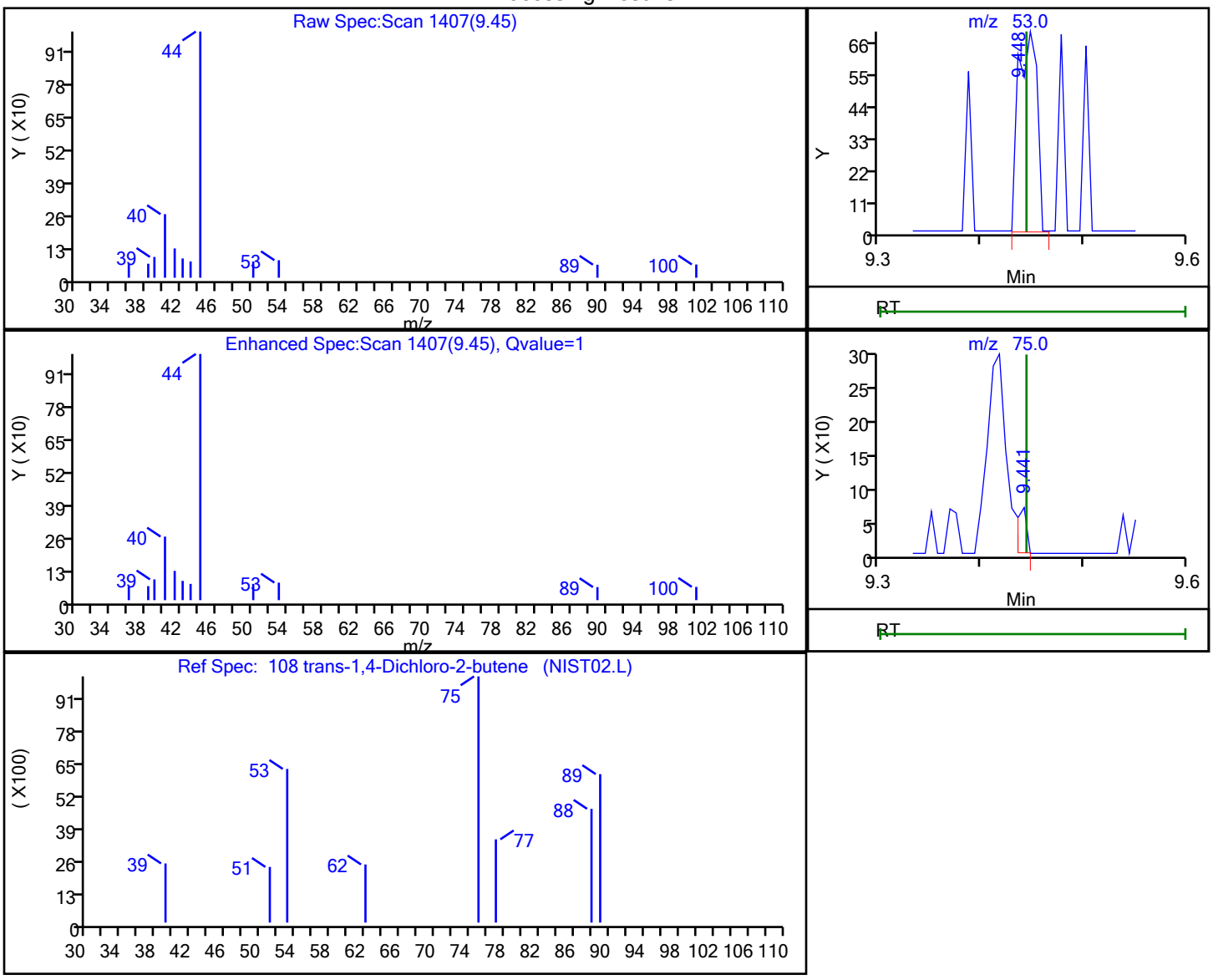
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.45	53.00	89	0.142476
9.44	75.00	44	

Reviewer: PUV6, 22-Feb-2025 18:00:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

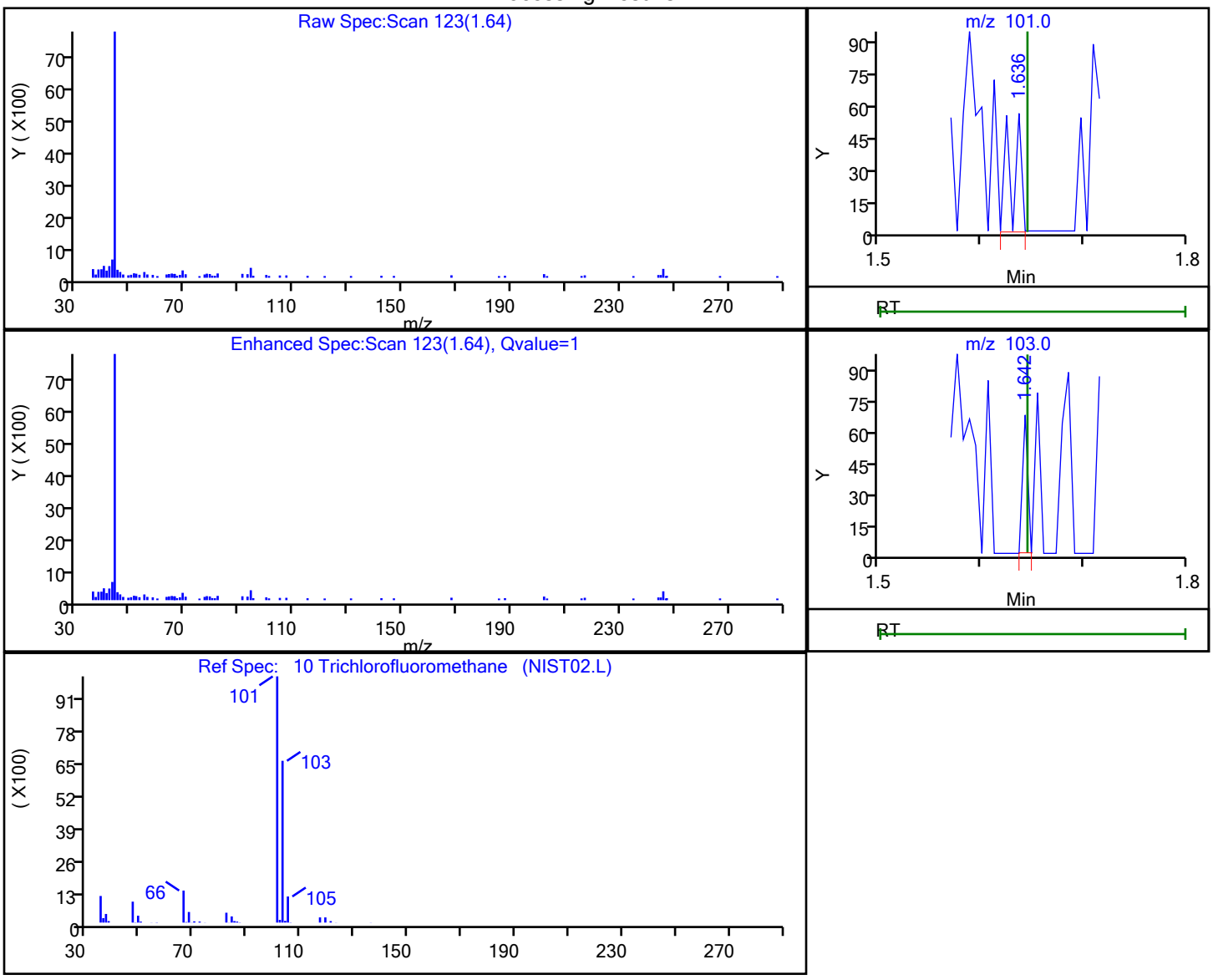
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D				
Injection Date:	22-Feb-2025 17:24:30	Instrument ID:	CVOAMS8		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

10 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.64	101.00	41	0.012351
1.64	103.00	25	

Reviewer: PUV6, 22-Feb-2025 17:57:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

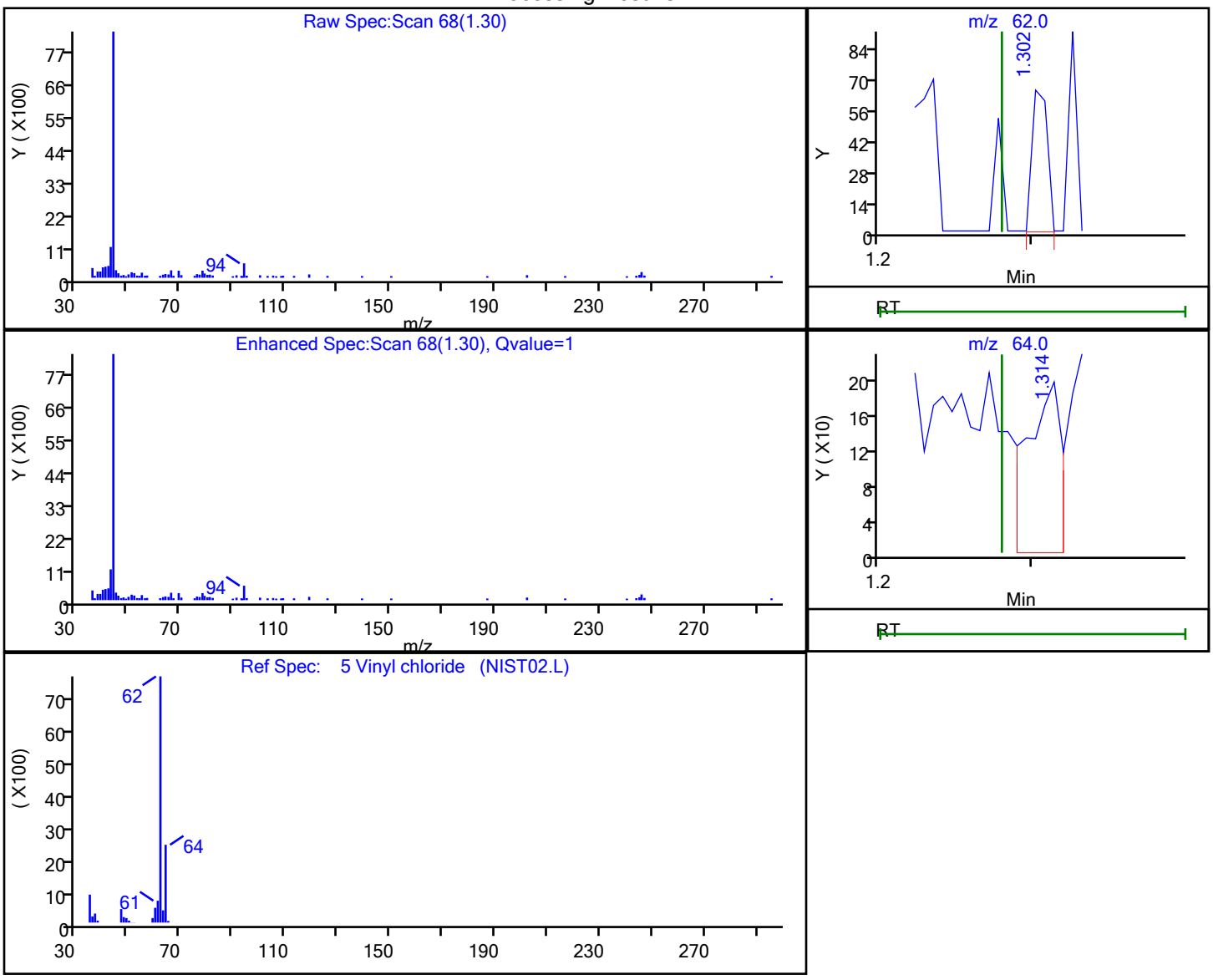
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13297.D
Injection Date: 22-Feb-2025 17:24:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.30	62.00	46	0.016211
1.31	64.00	306	

Reviewer: PUV6, 22-Feb-2025 17:57:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-Feb-2025 17:47:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0187183-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:17:47 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 18:44:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 Butadiene	54	1.289	1.286	0.003	90	386	0.2500	0.1657	a
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	75	130503	1000.0	1000.0	
33 Acrylonitrile	53	2.494	2.490	0.004	90	1461	2.00	1.81	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	86	153739	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	95	100804	50.0	52.7	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.899	3.902	-0.003	0	96642	50.0	51.4	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	382505	50.0	50.0	
* 70 1,4-Dioxane-d8	96	4.860	4.857	0.003	0	11924	1000.0	1000.0	M
78 Epichlorohydrin	57	5.578	5.538	0.040	1	284	5.00	5.15	Ma
$ 81 Toluene-d8 (Surr)	98	5.846	5.842	0.004	99	226618	50.0	52.6	
* 92 Chlorobenzene-d5	117	7.799	7.801	-0.002	88	179335	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.173	9.176	-0.003	88	54754	50.0	51.2	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	97	120482	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

14DIOXINTER_00178	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00201	Amount Added:	0.00	Units: uL	
524FREONS_00031	Amount Added:	0.00	Units: uL	
ACROLEIN W_00180	Amount Added:	0.00	Units: uL	
GASES Li_00628	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00134	Amount Added:	20.00	Units: uL	
7 Freons Hi_00024	Amount Added:	0.00	Units: uL	
Ethanol mix_00098	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	0.00	Units: uL	
MIX I Hi_00185	Amount Added:	0.00	Units: uL	
GAS Hi_00489	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

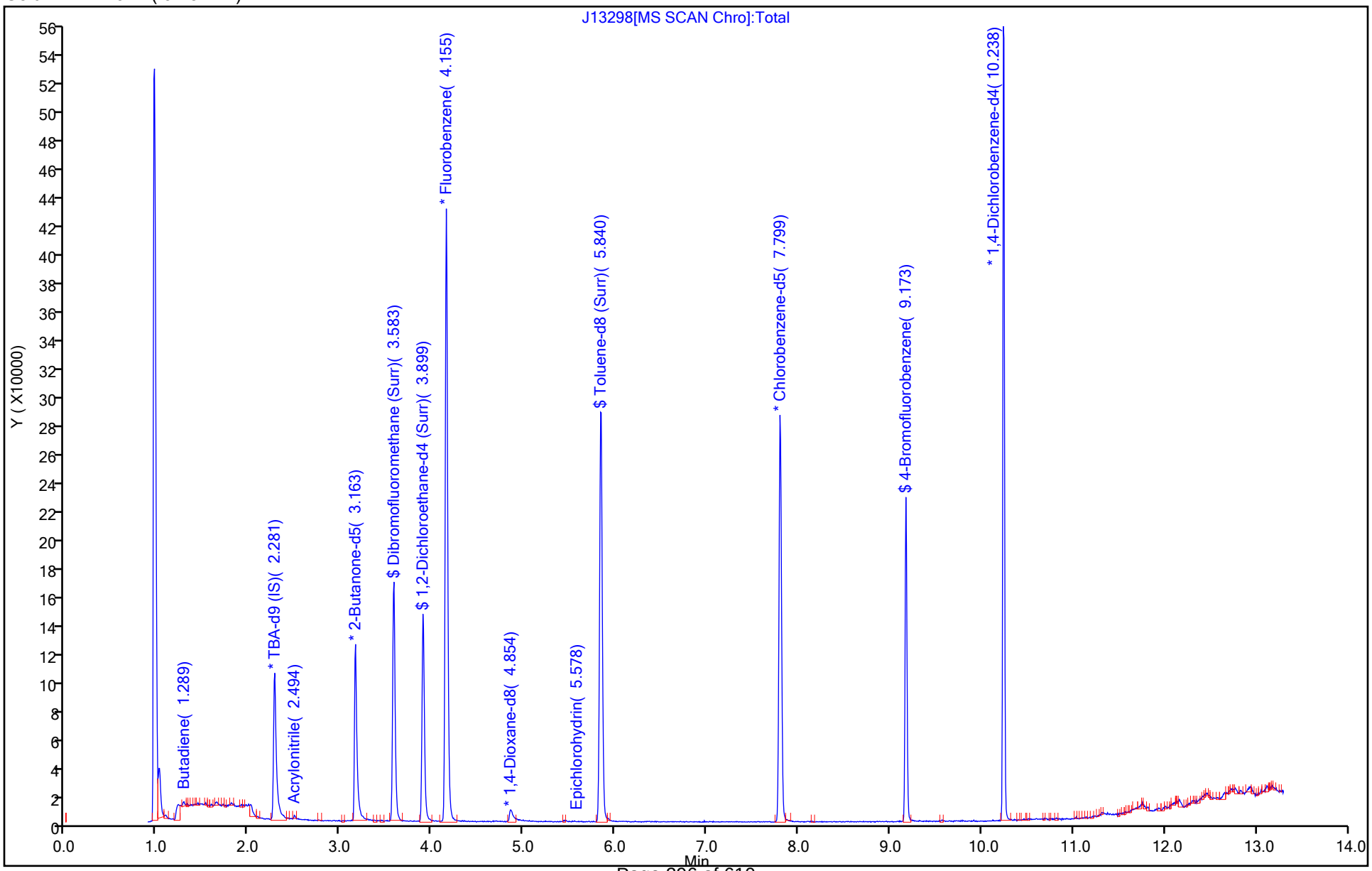
Report Date: 23-Feb-2025 11:17:48 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D

Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

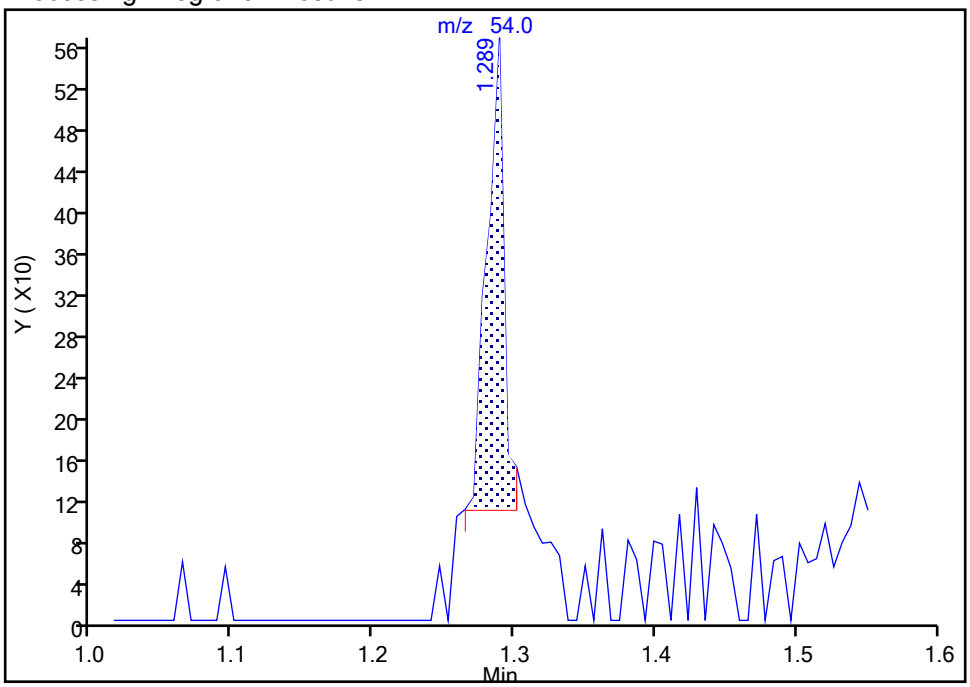
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Butadiene, CAS: 106-99-0

Signal: 1

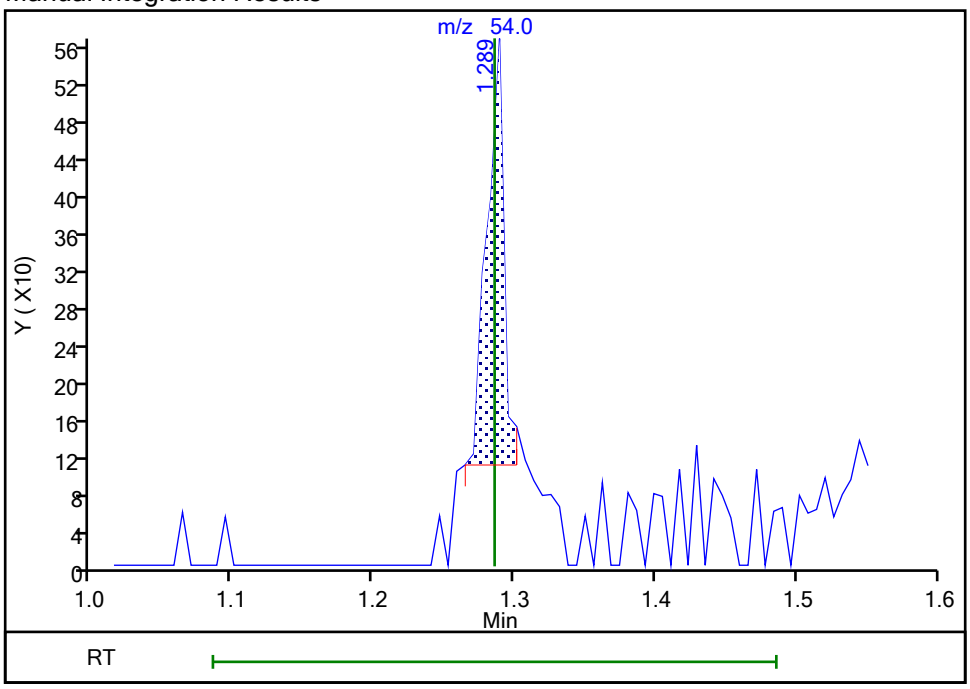
Processing Integration Results

RT: 1.29
Area: 386
Amount: 0.165659
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 386
Amount: 0.165659
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 10:56:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

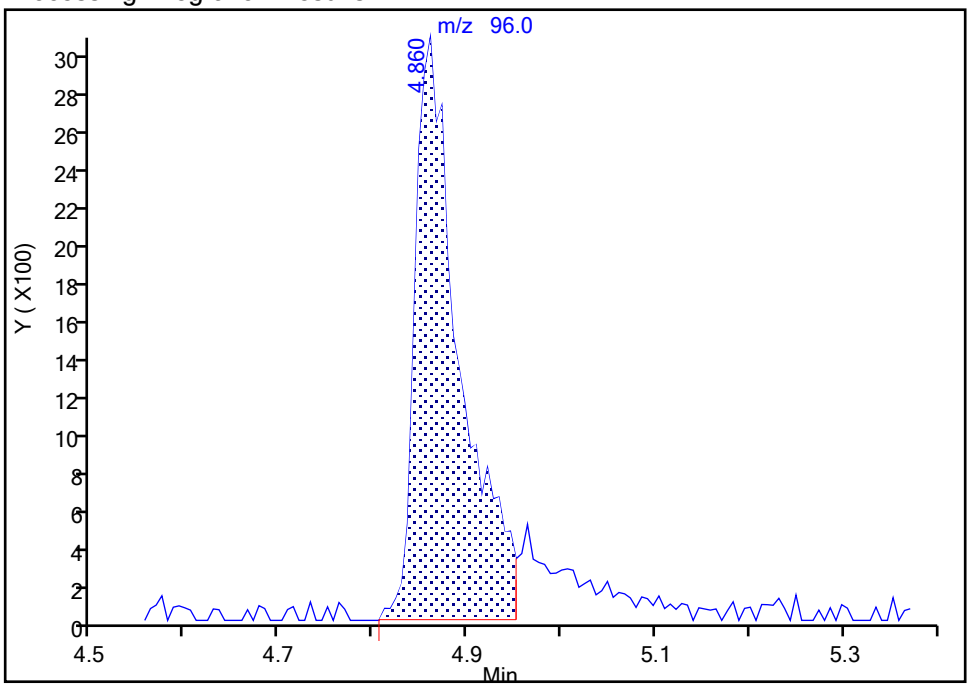
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

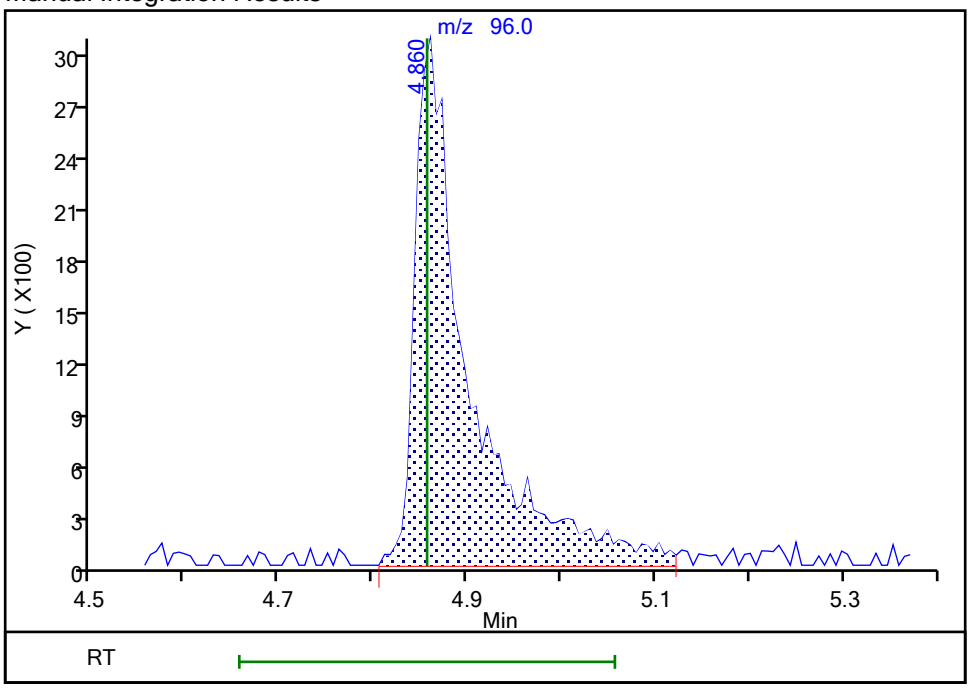
Processing Integration Results

RT: 4.86
Area: 9993
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.86
Area: 11924
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 10:56:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

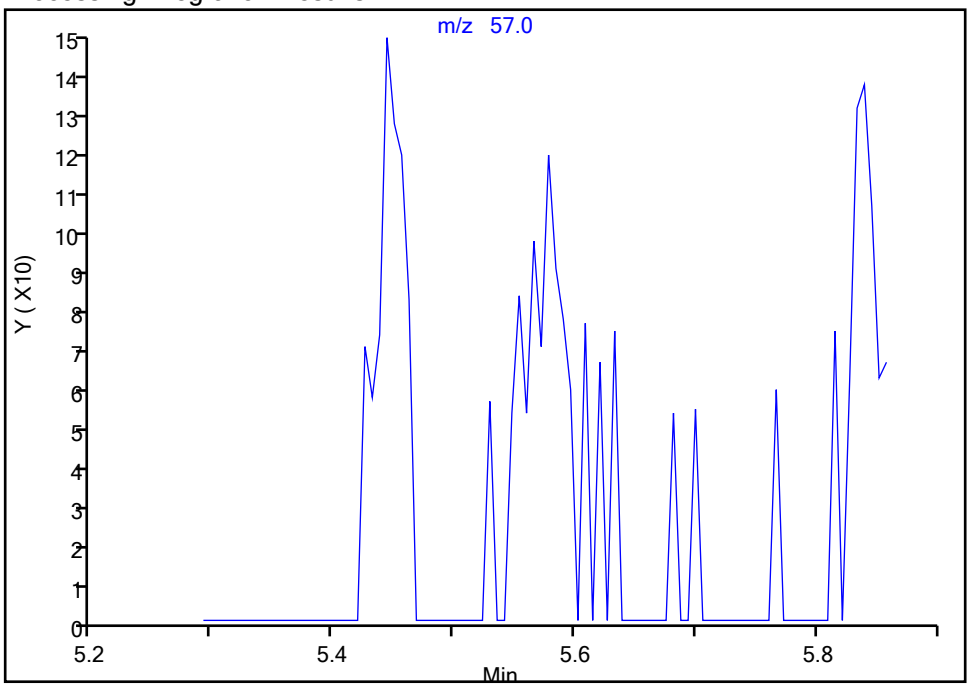
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

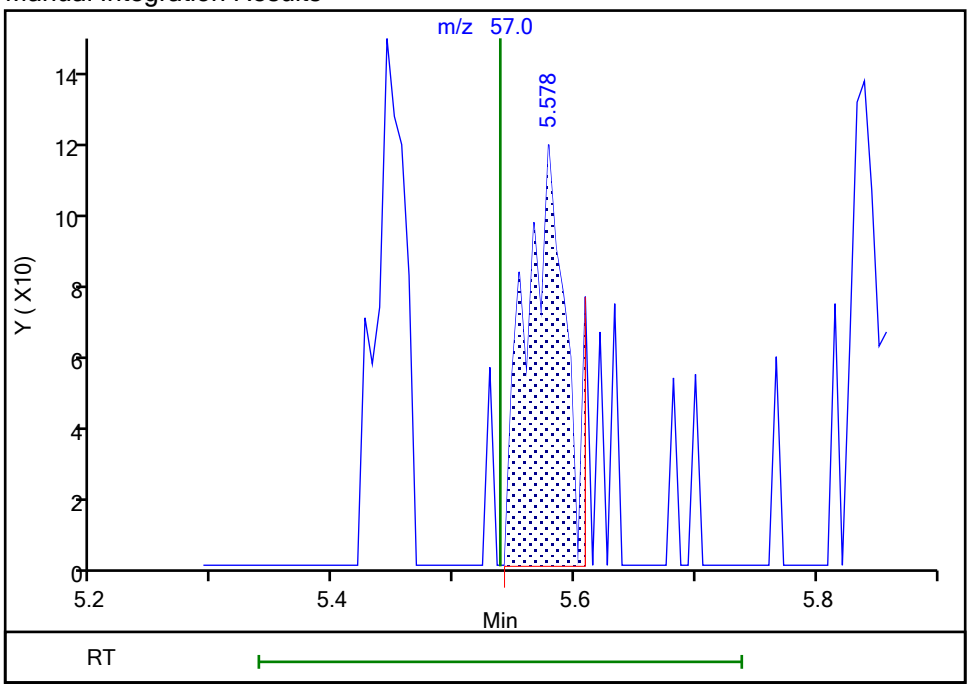
Not Detected
Expected RT: 5.54

Processing Integration Results



Manual Integration Results

RT: 5.58
Area: 284
Amount: 5.145572
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 10:57:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Report Date: 23-Feb-2025 11:17:48 Chrom Revision: 2.3 18-Feb-2025 08:41:40

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D

Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

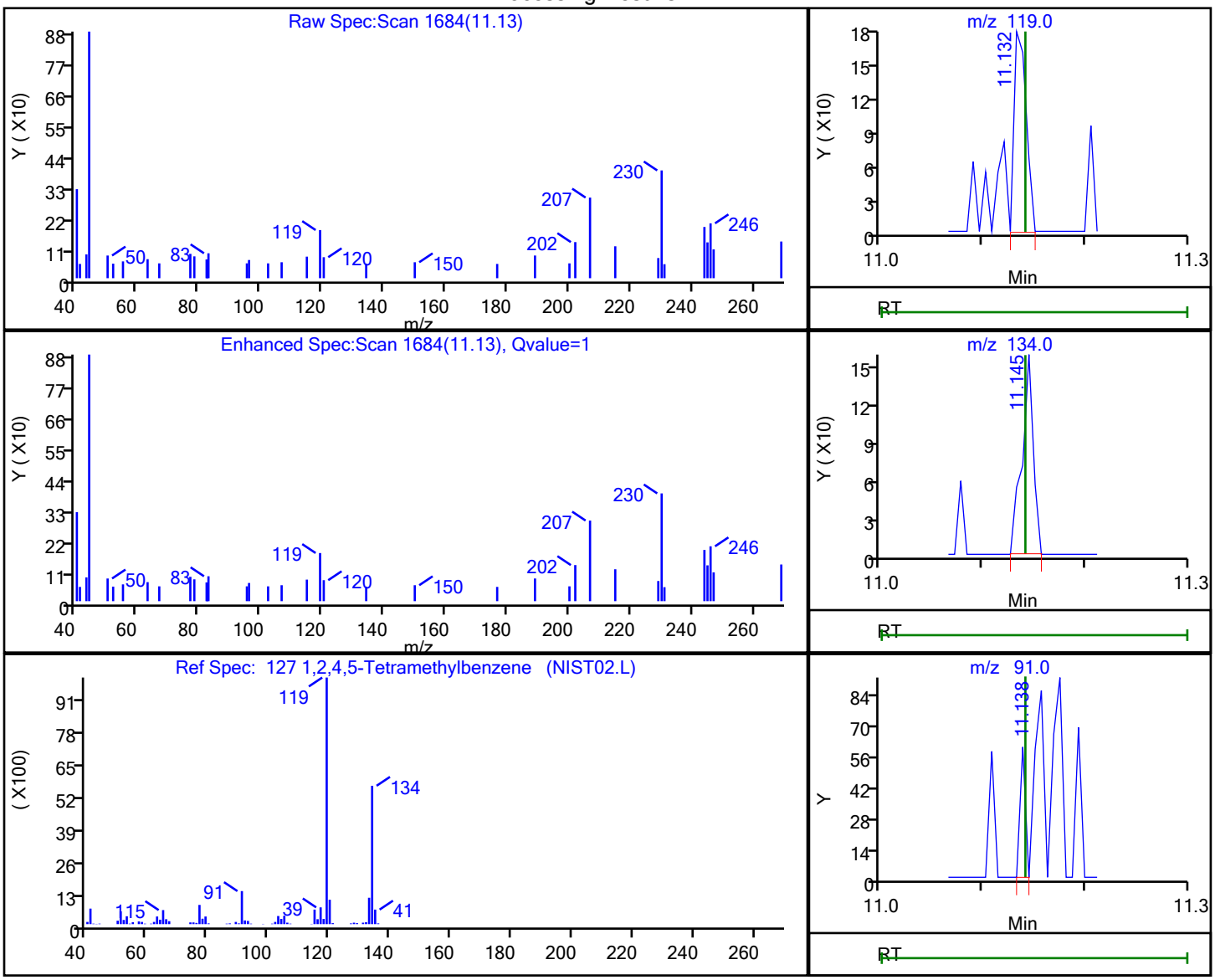
Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.13	119.00	142	0.021500
11.14	134.00	120	
11.14	91.00	22	

Reviewer: NN6A, 23-Feb-2025 10:57:15 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

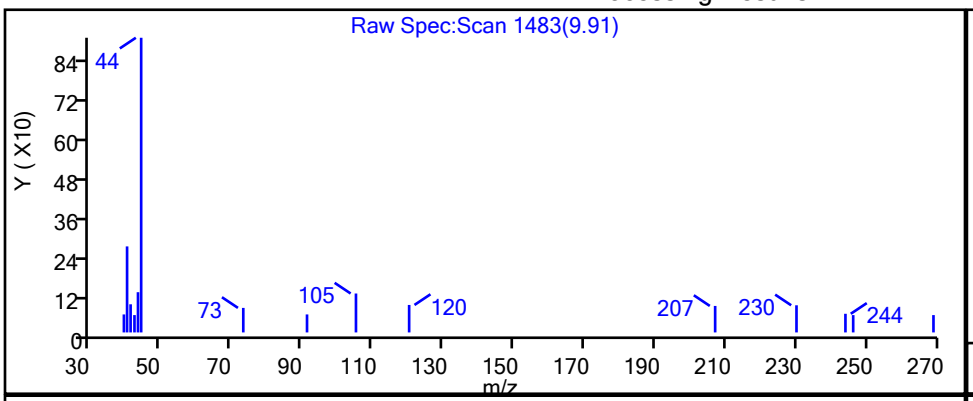
User Disabled Compound Report

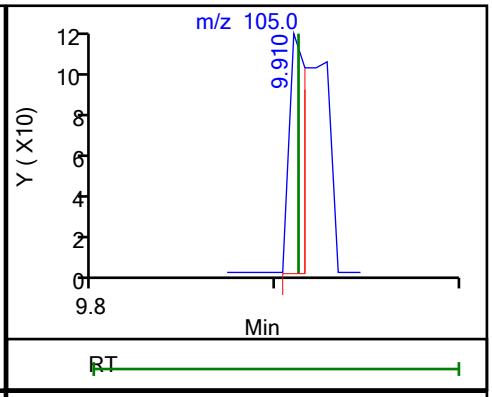
Eurofins Edison

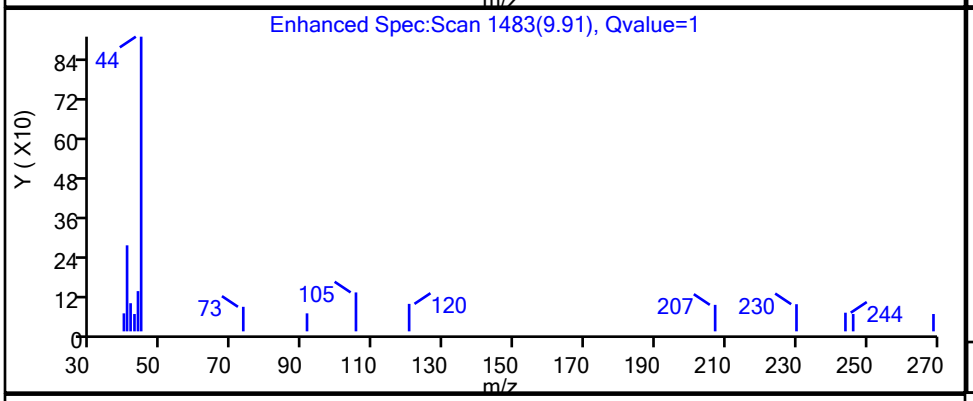
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

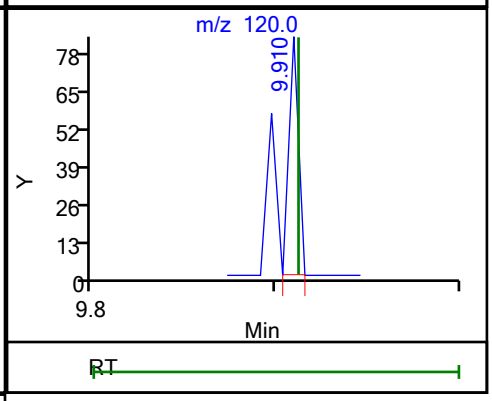
115 1,2,4-Trimethylbenzene, CAS: 95-63-6

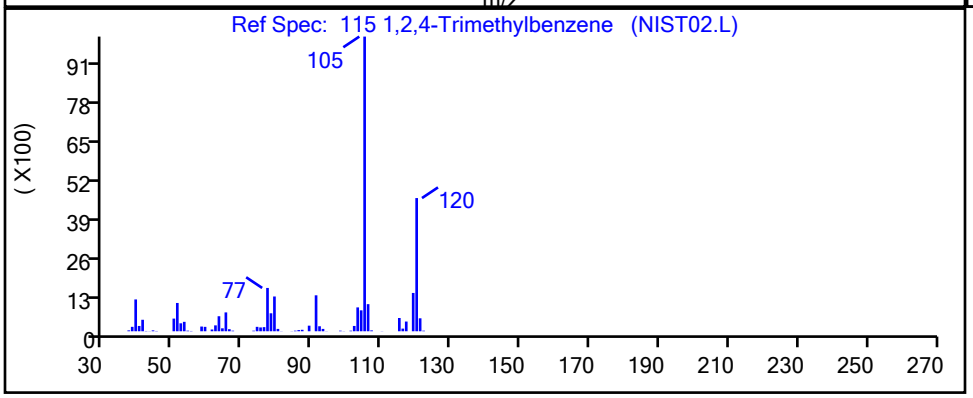
Processing Results











RT	Mass	Response	Amount
9.91	105.00	81	0.013341
9.91	120.00	31	

Reviewer: PUV6, 22-Feb-2025 21:34:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

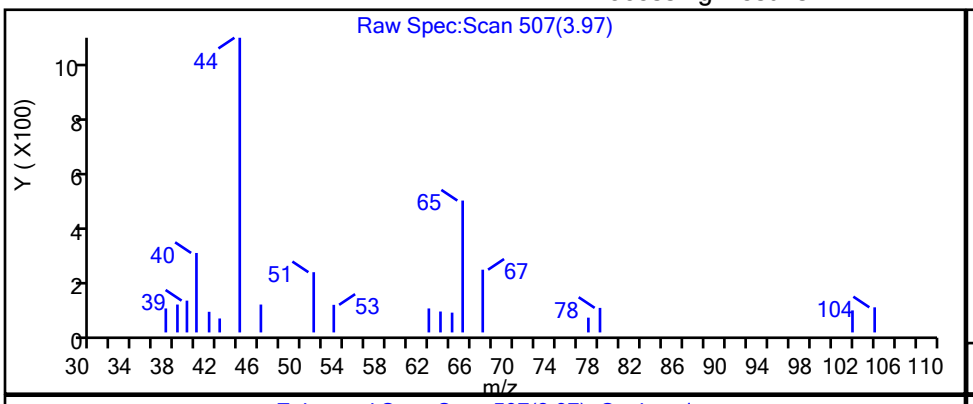
User Disabled Compound Report

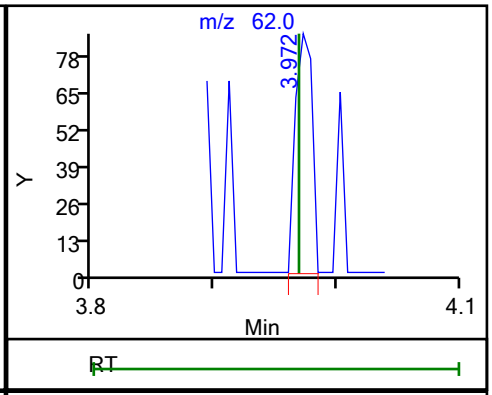
Eurofins Edison

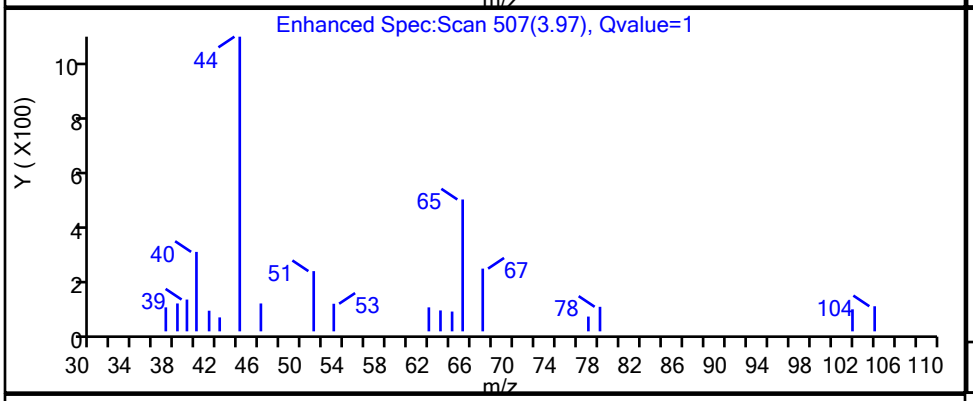
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

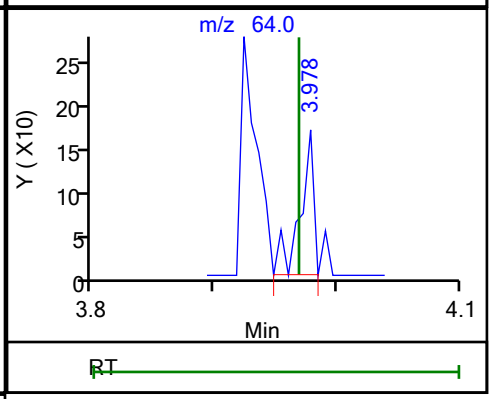
62 1,2-Dichloroethane, CAS: 107-06-2

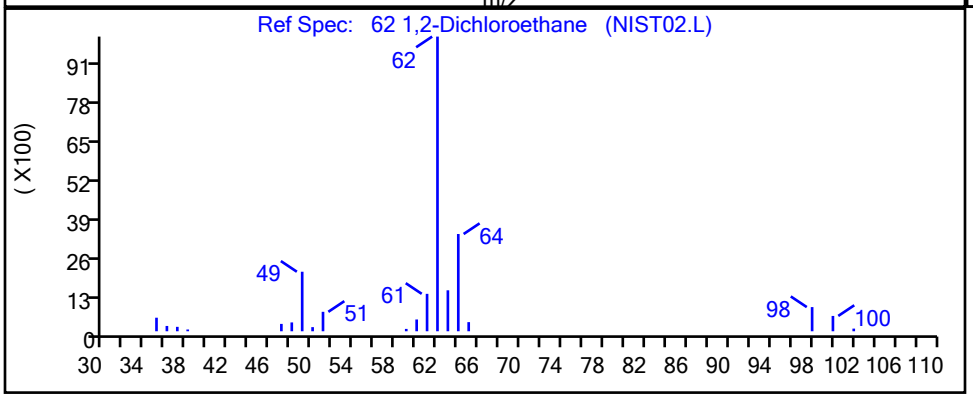
Processing Results











RT	Mass	Response	Amount
3.97	62.00	82	0.022795
3.98	64.00	128	

Reviewer: PUV6, 22-Feb-2025 18:44:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

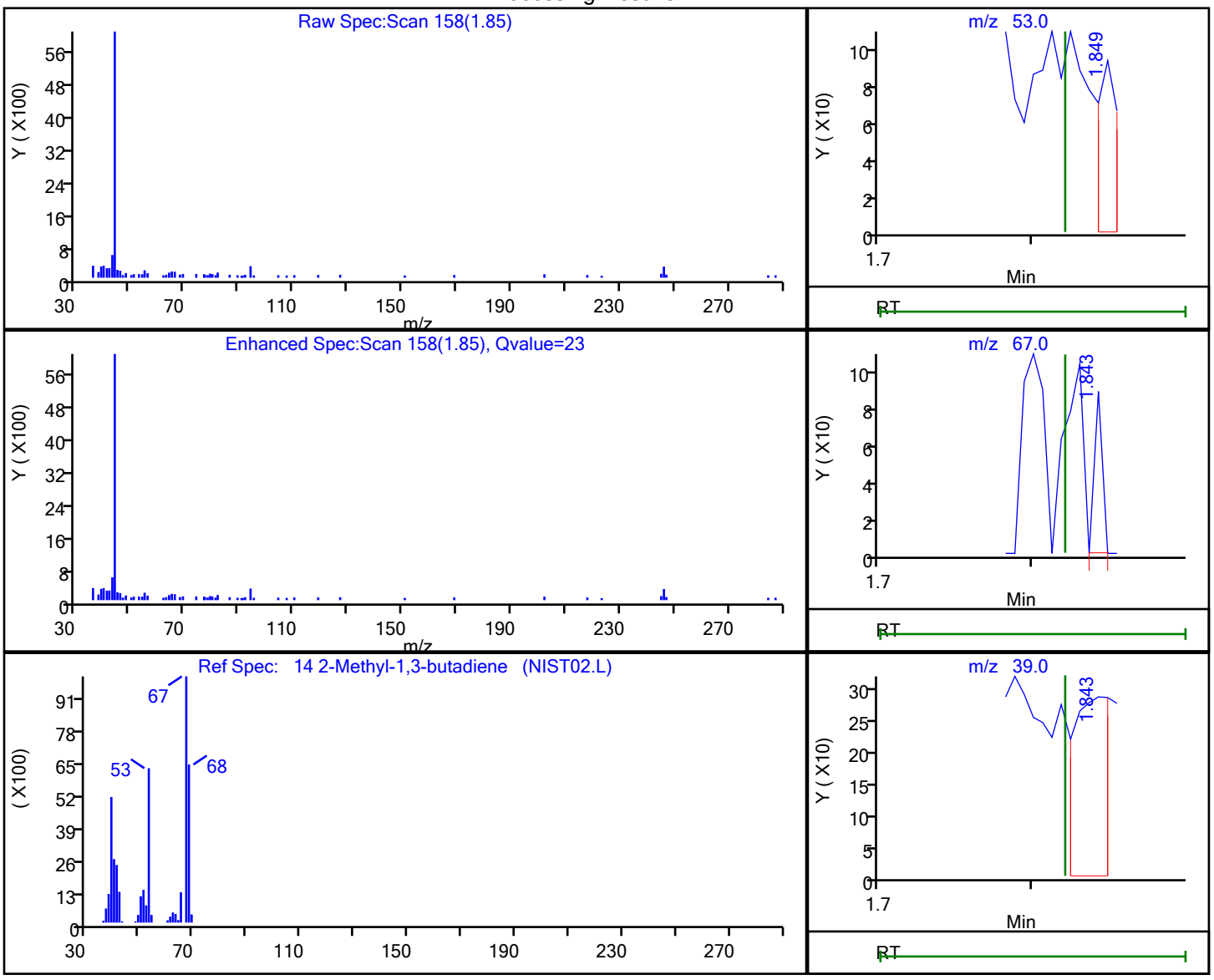
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.85	53.00	79	0.035633
1.84	67.00	30	
1.84	39.00	474	

Reviewer: PUV6, 22-Feb-2025 21:34:08 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

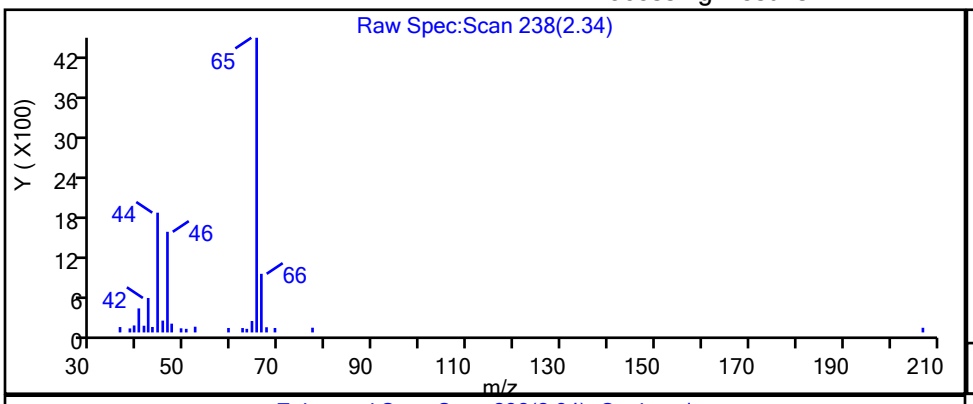
User Disabled Compound Report

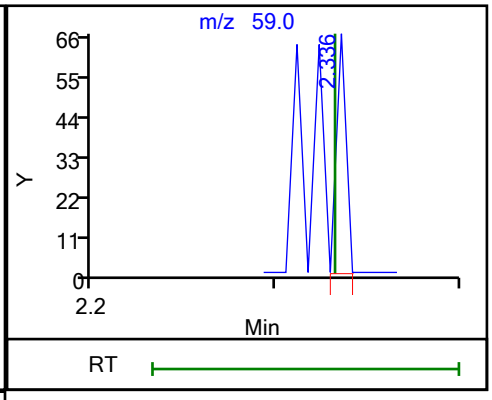
Eurofins Edison

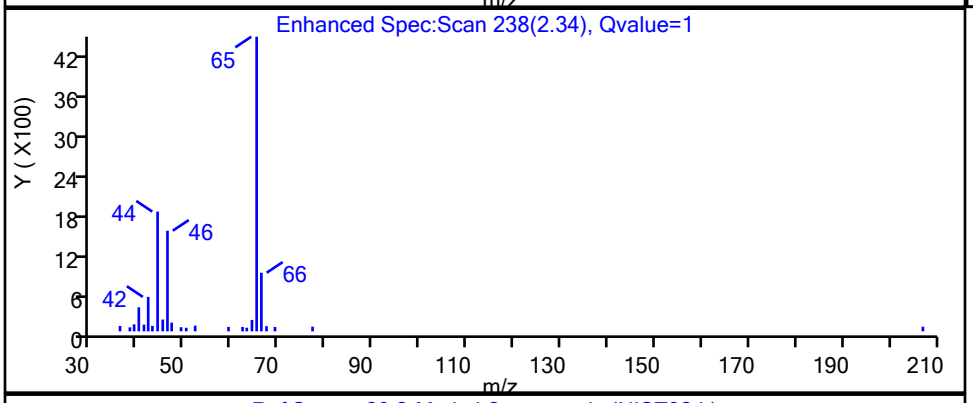
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D				
Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

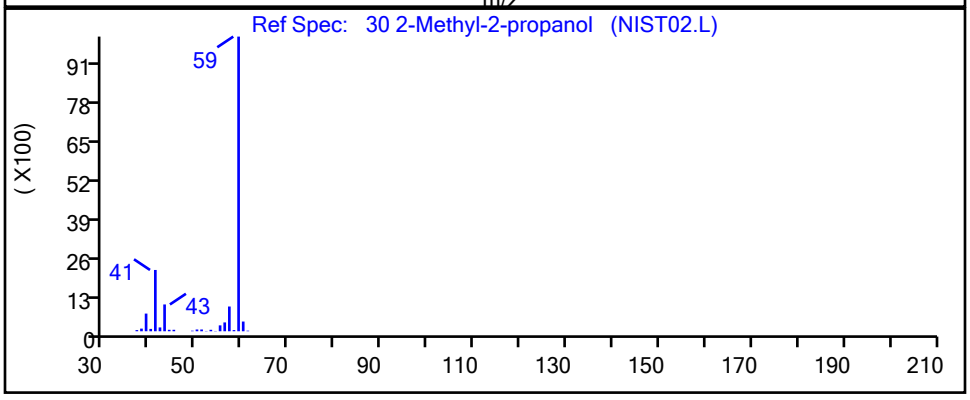
30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
2.34	59.00	24	0.174282

Reviewer: PUV6, 22-Feb-2025 21:34:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

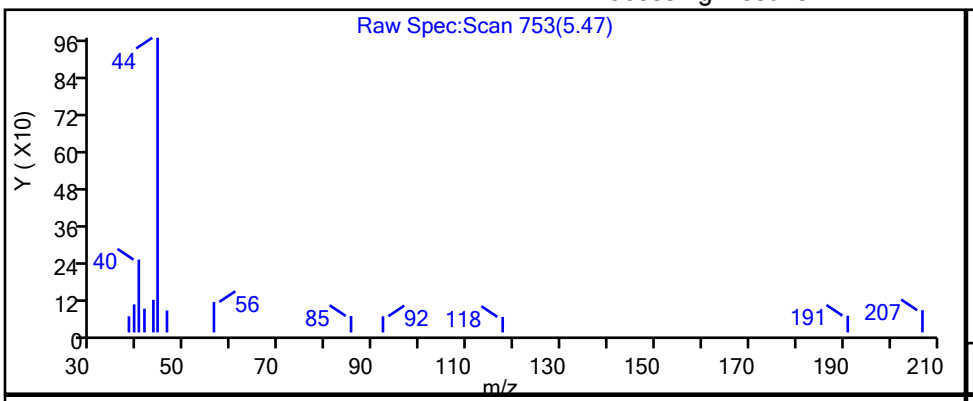
User Disabled Compound Report

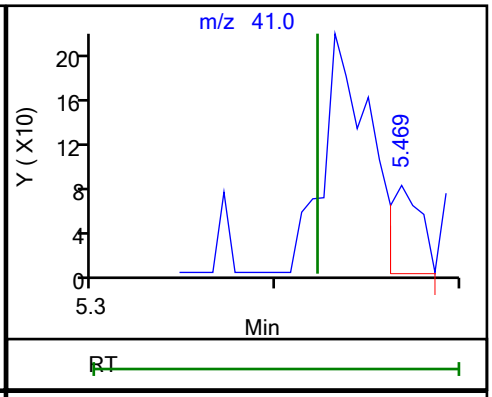
Eurofins Edison

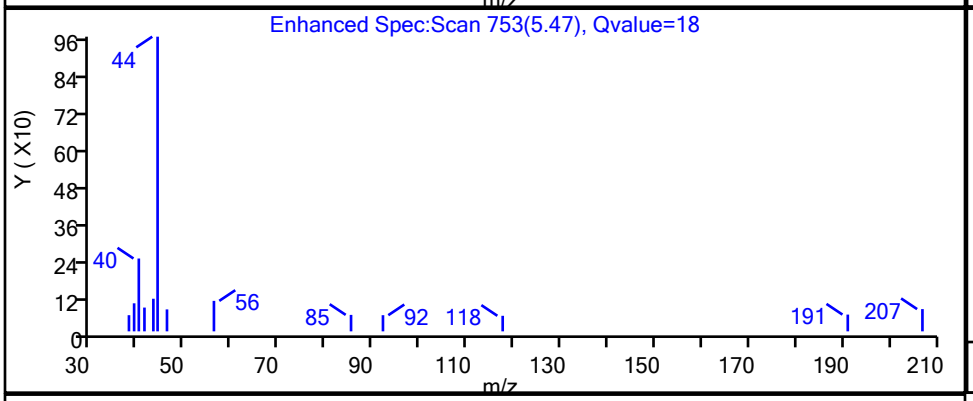
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

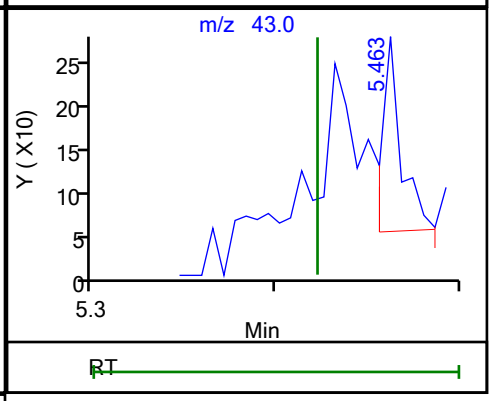
76 2-Nitropropane, CAS: 79-46-9

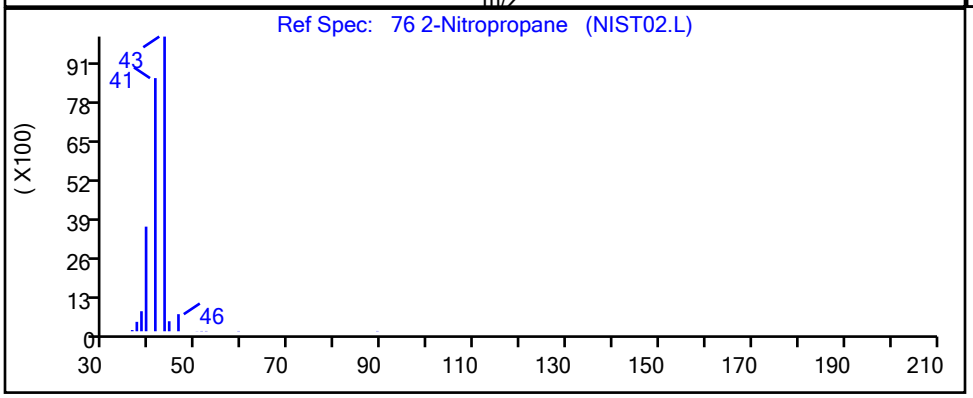
Processing Results











RT	Mass	Response	Amount
5.47	41.00	91	0.304297
5.46	43.00	158	

Reviewer: PUV6, 22-Feb-2025 21:34:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

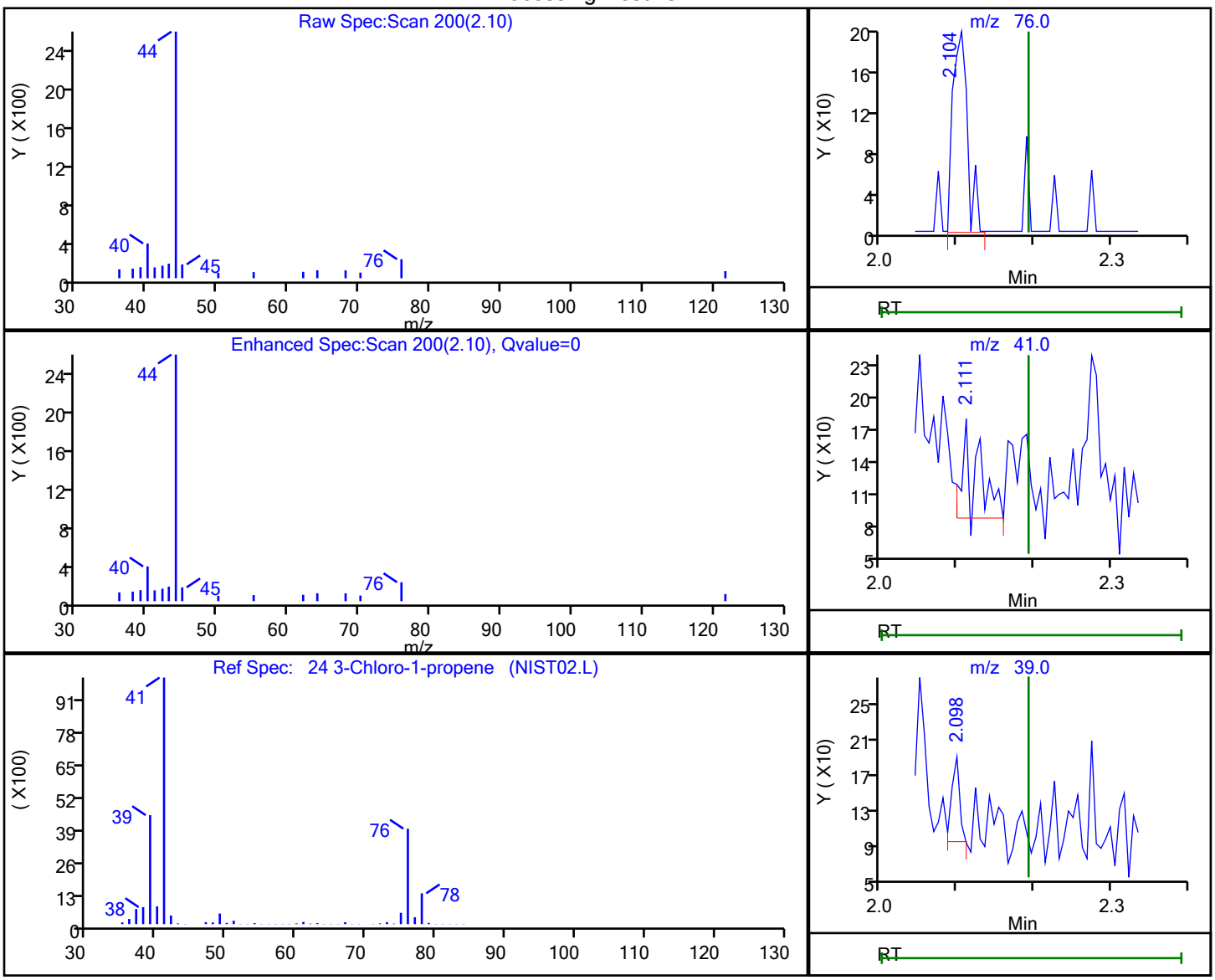
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.10	76.00	260	0.151423
2.11	41.00	127	
2.10	39.00	67	

Reviewer: PUV6, 22-Feb-2025 21:34:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

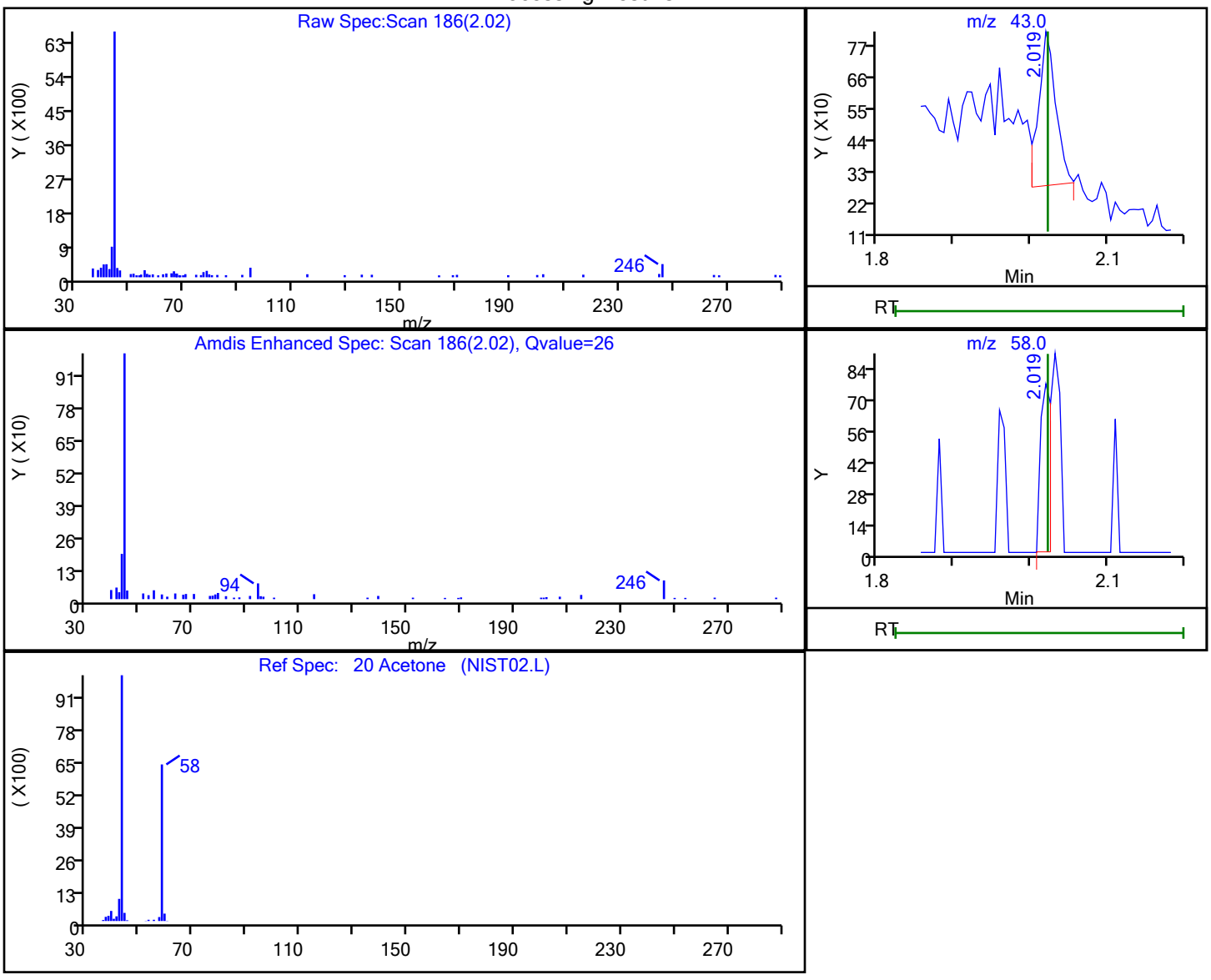
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.02	43.00	843	1.560868
2.02	58.00	76	

Reviewer: PUV6, 22-Feb-2025 21:34:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

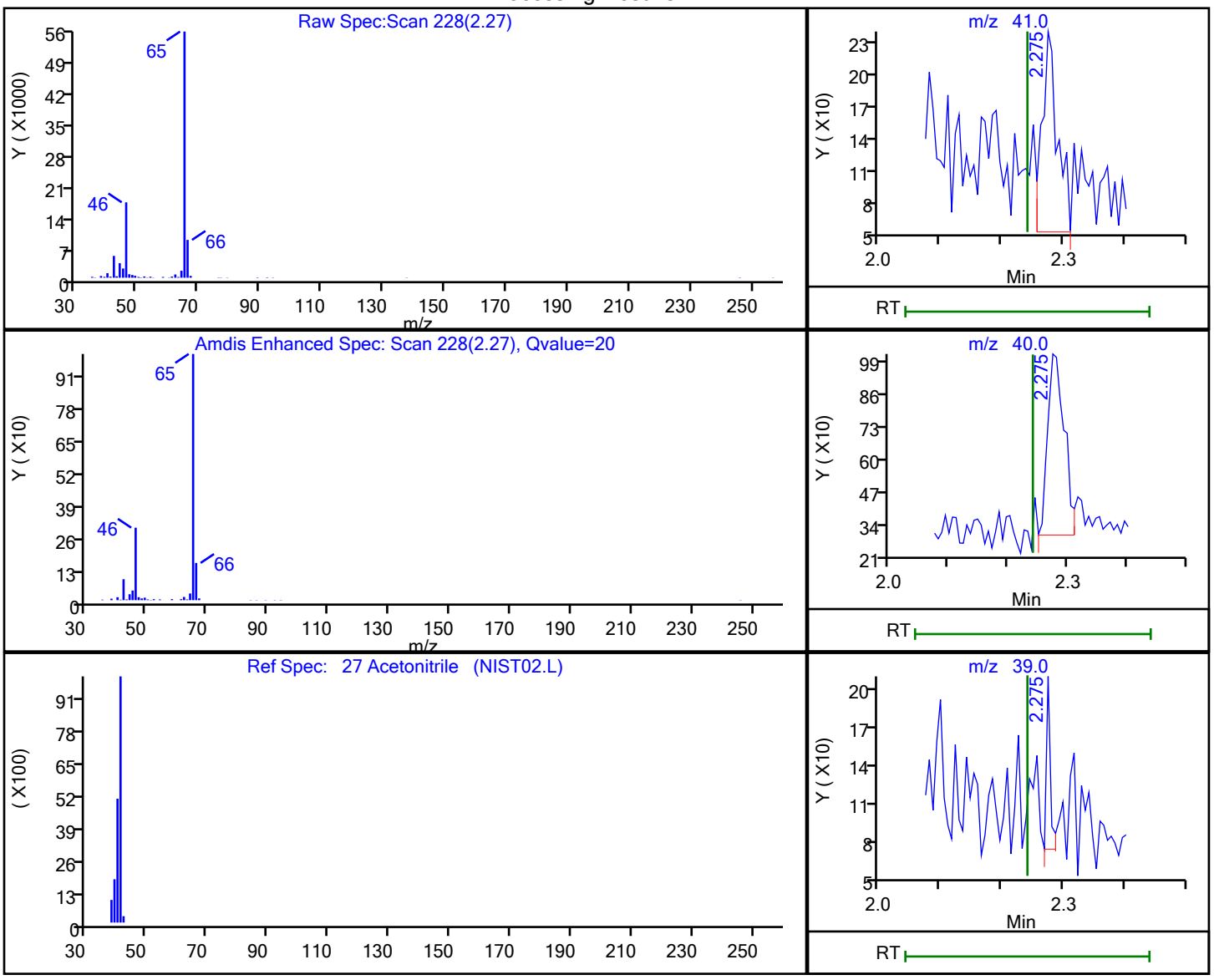
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.27	41.00	317	0.843247
2.27	40.00	1428	
2.27	39.00	56	
2.29	38.00	550	

Reviewer: PUV6, 22-Feb-2025 21:34:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

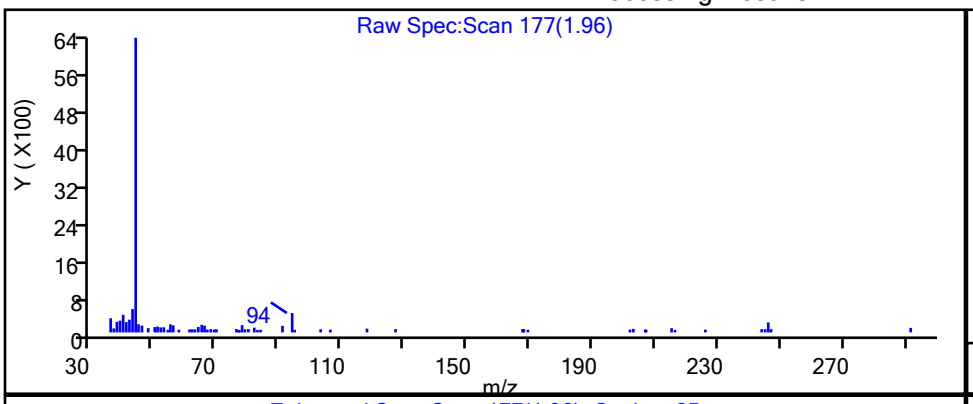
User Disabled Compound Report

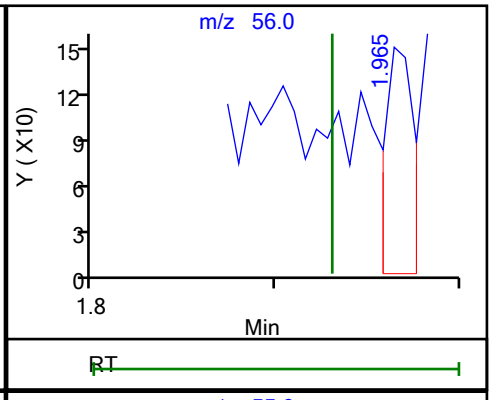
Eurofins Edison

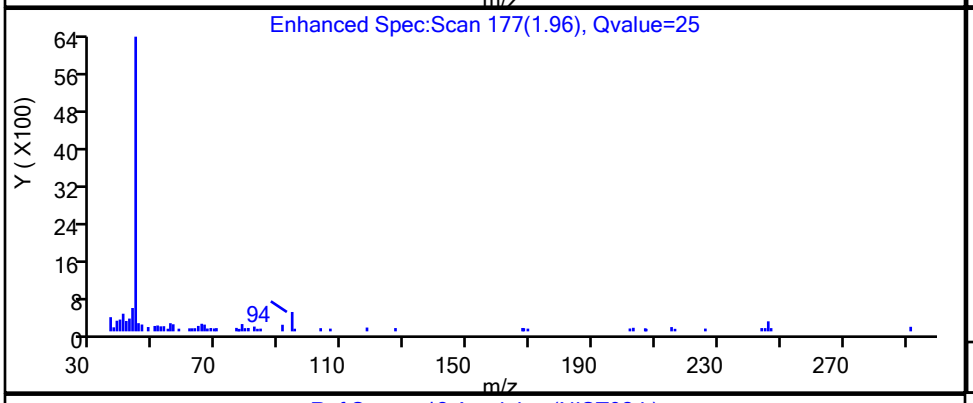
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Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

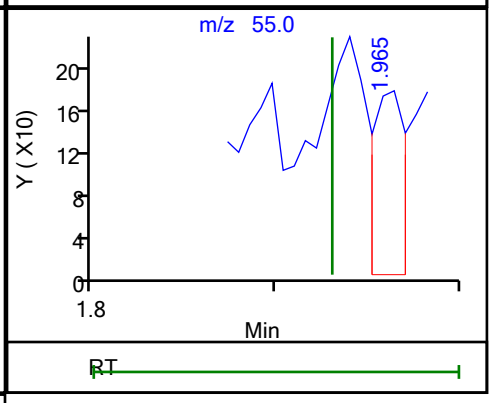
18 Acrolein, CAS: 107-02-8

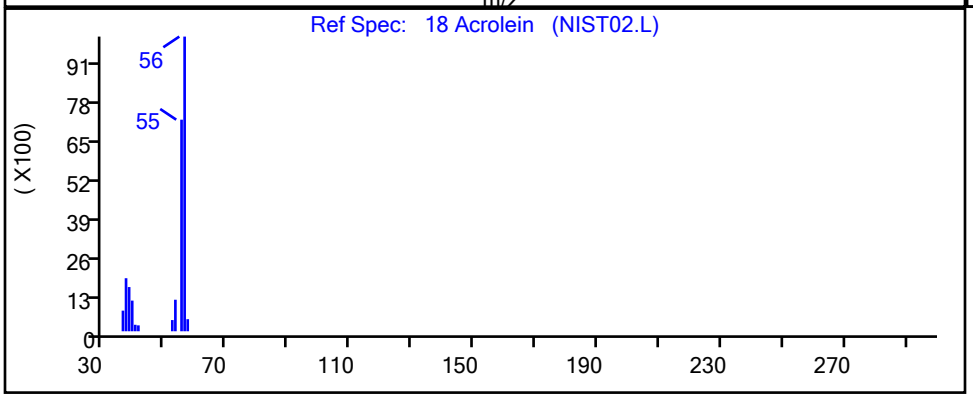
Processing Results











RT	Mass	Response	Amount
1.96	56.00	169	0.425431
1.96	55.00	223	

Reviewer: PUV6, 22-Feb-2025 21:34:12 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

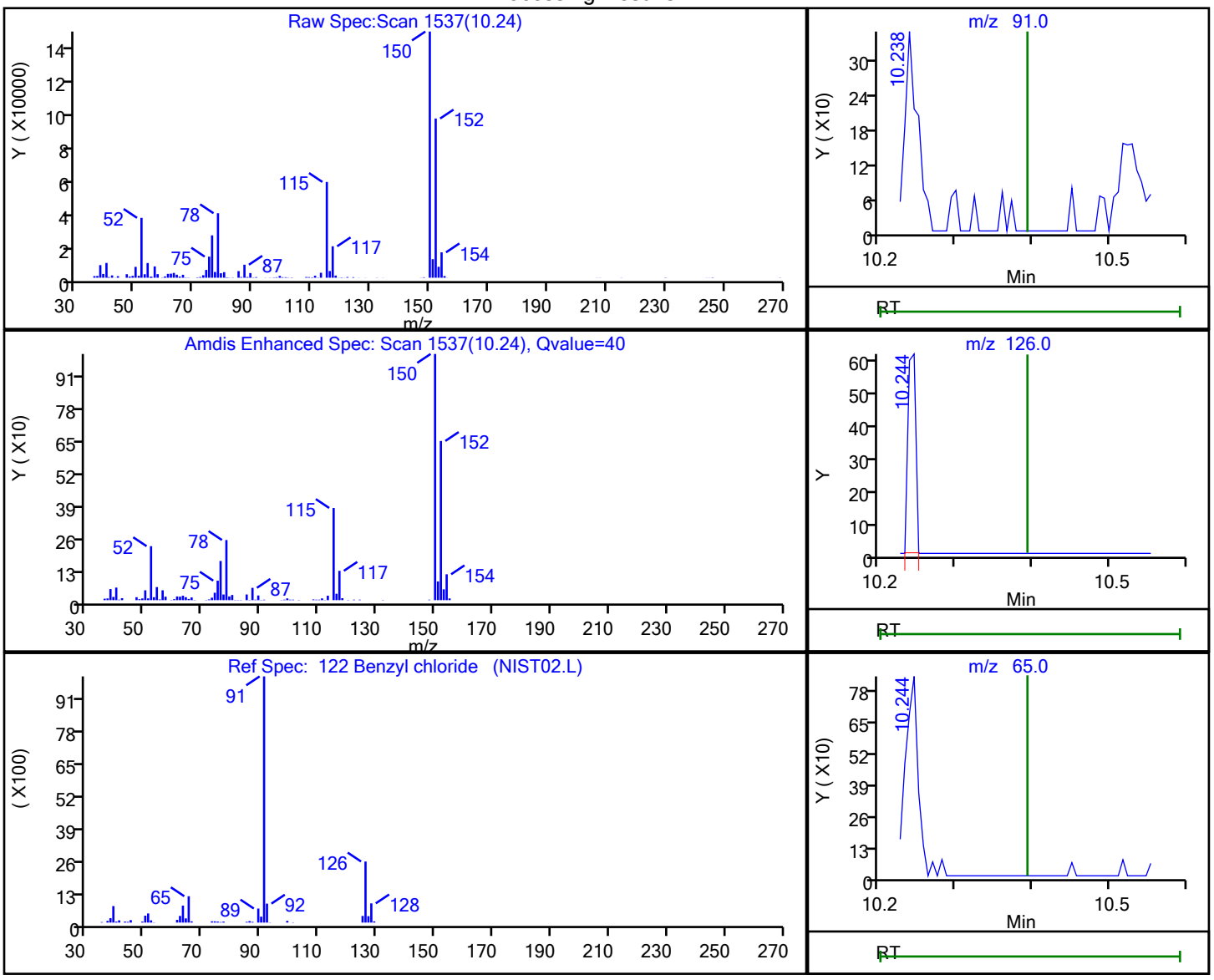
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.24	91.00	429	0.166668
10.24	126.00	45	
10.24	65.00	953	

Reviewer: NN6A, 23-Feb-2025 10:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

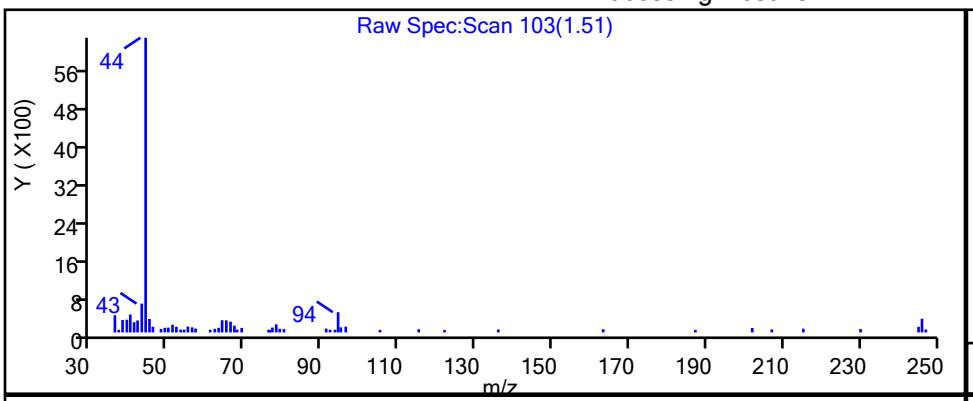
User Disabled Compound Report

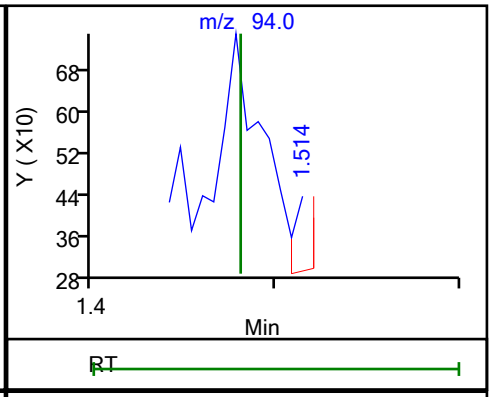
Eurofins Edison

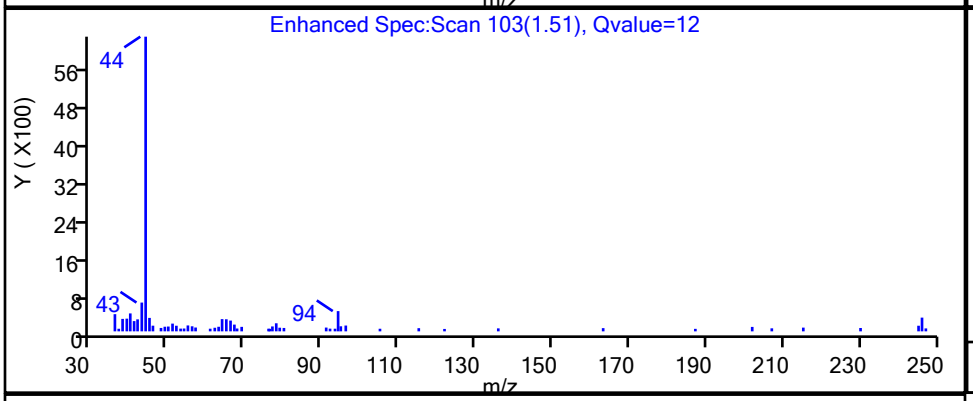
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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

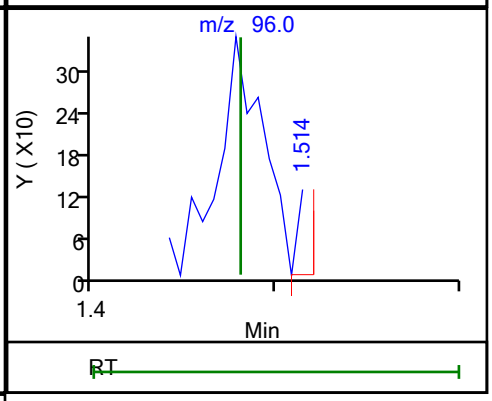
7 Bromomethane, CAS: 74-83-9

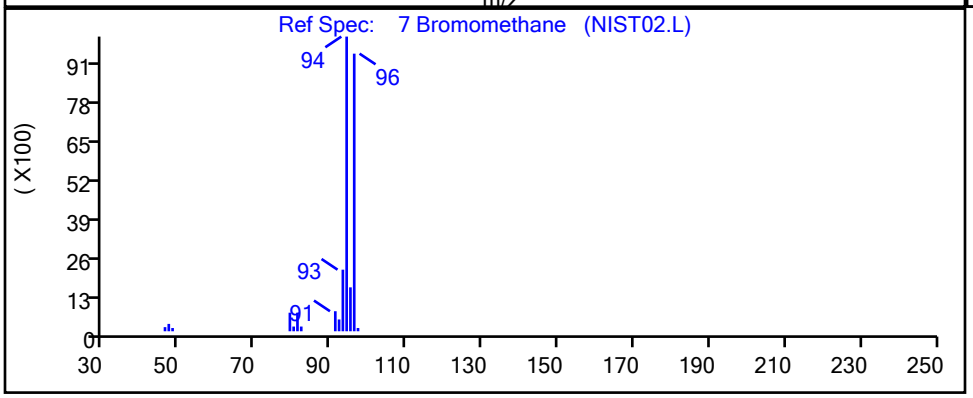
Processing Results











RT	Mass	Response	Amount
1.51	94.00	78	0.040468
1.51	96.00	45	

Reviewer: PUV6, 22-Feb-2025 21:34:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

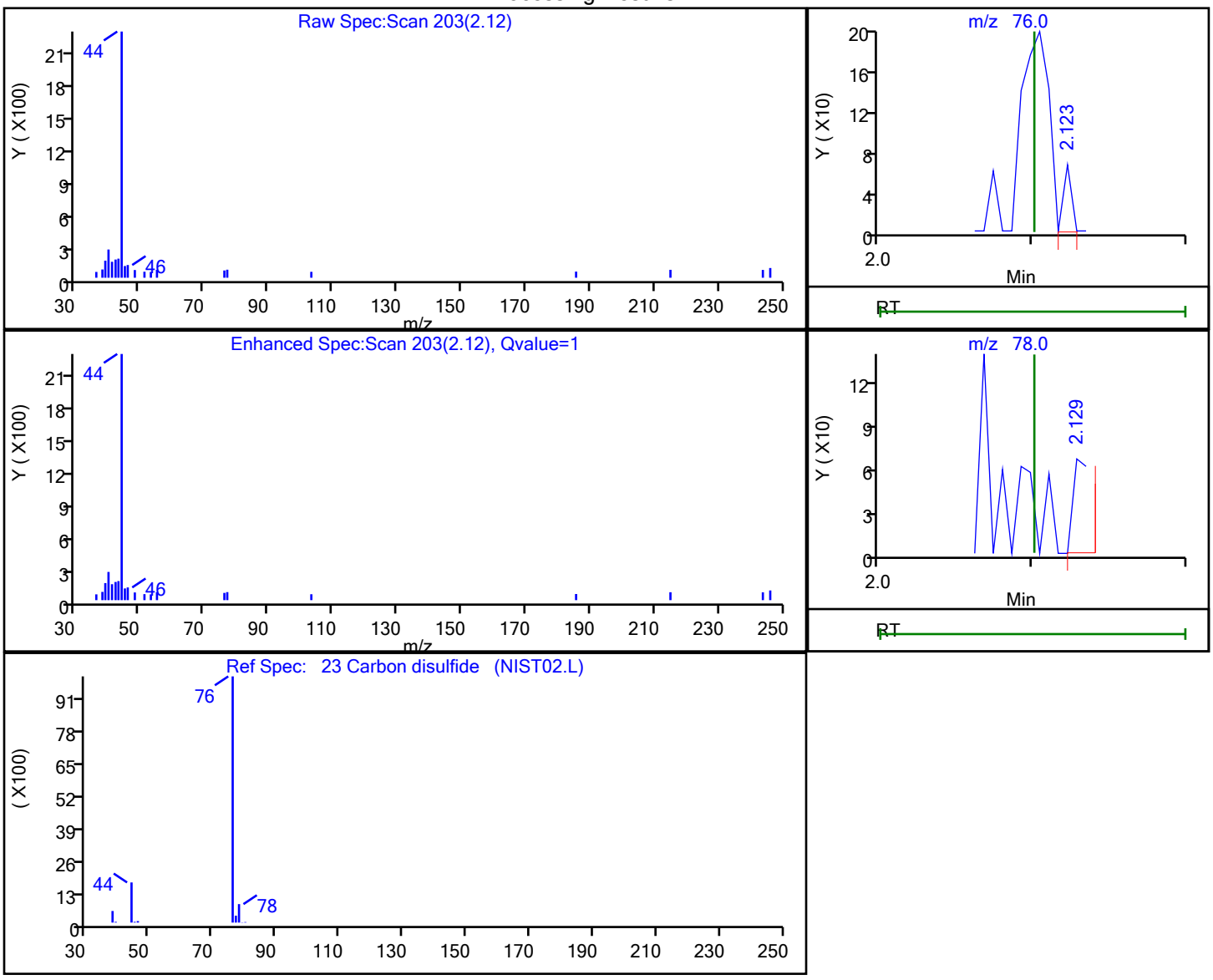
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.12	76.00	24	0.002395
2.13	78.00	44	

Reviewer: PUV6, 22-Feb-2025 21:34:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

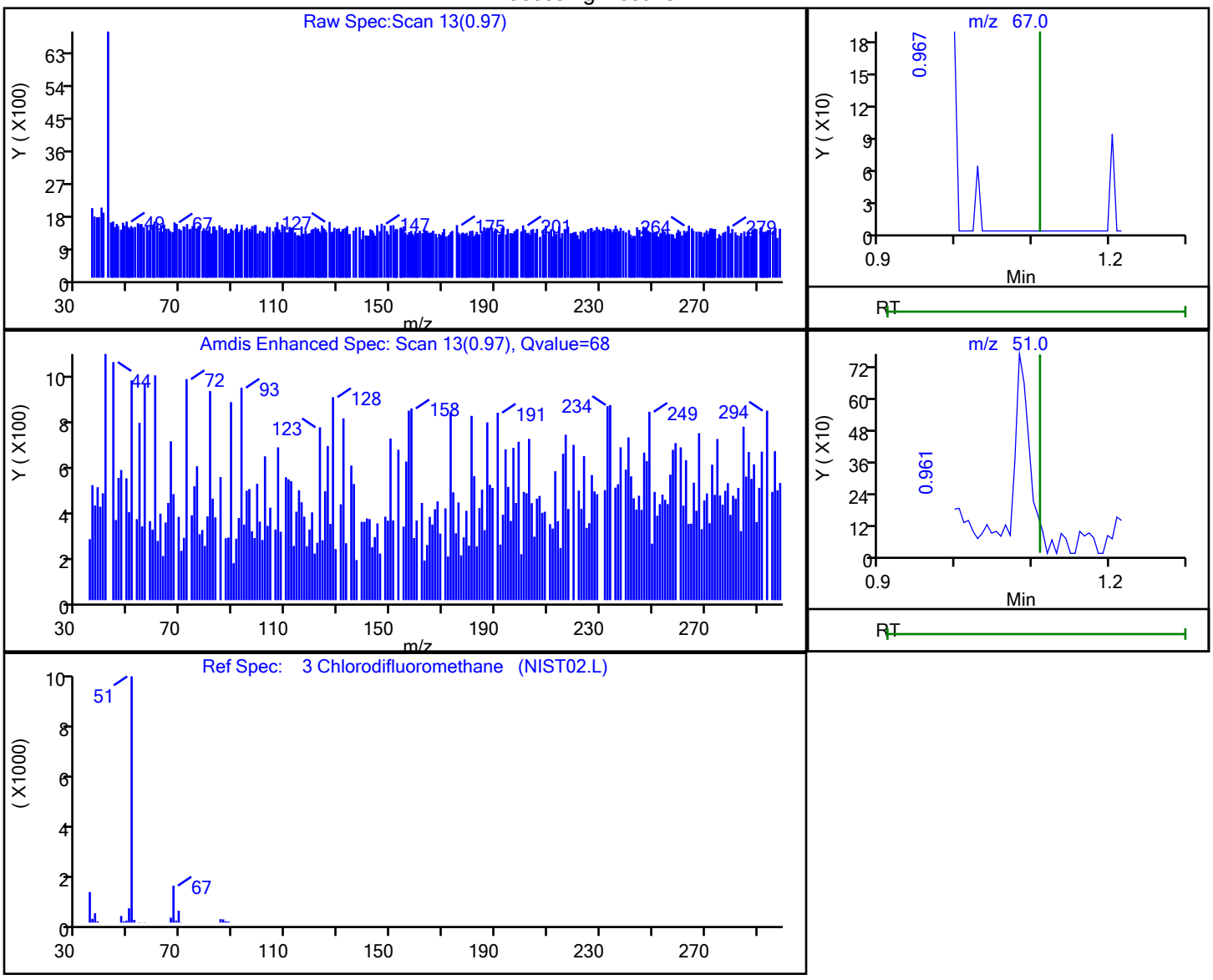
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.97	67.00	2918	6.758144
0.96	51.00	3253	

Reviewer: PUV6, 22-Feb-2025 21:33:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

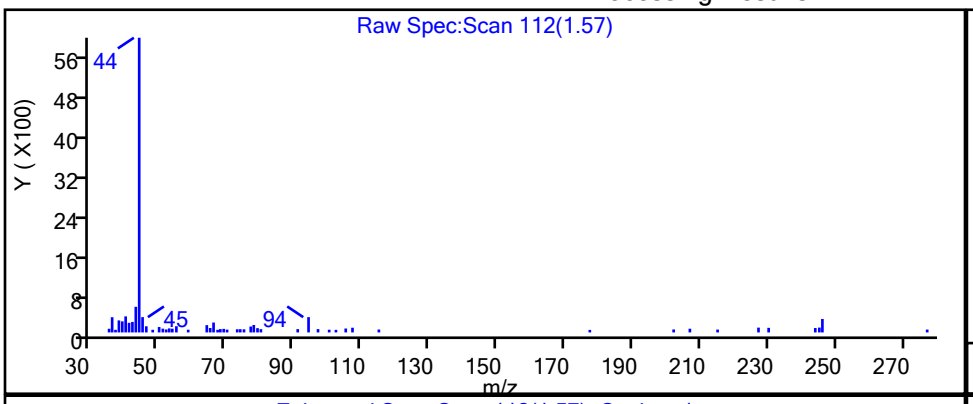
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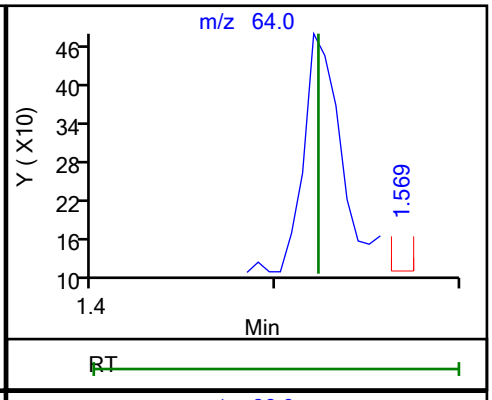
Eurofins Edison

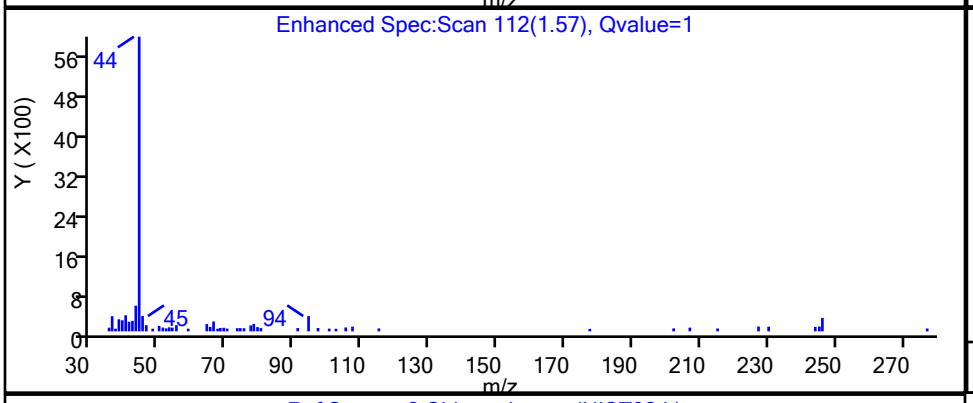
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Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

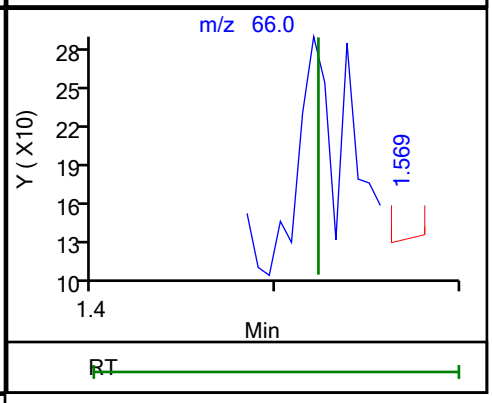
8 Chloroethane, CAS: 75-00-3

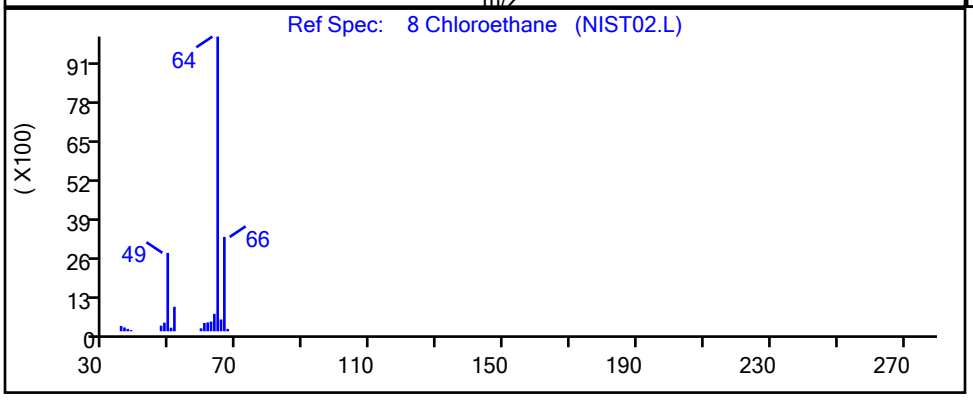
Processing Results











RT	Mass	Response	Amount
1.57	64.00	17	0.010851
1.57	66.00	32	

Reviewer: PUV6, 22-Feb-2025 21:34:04 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

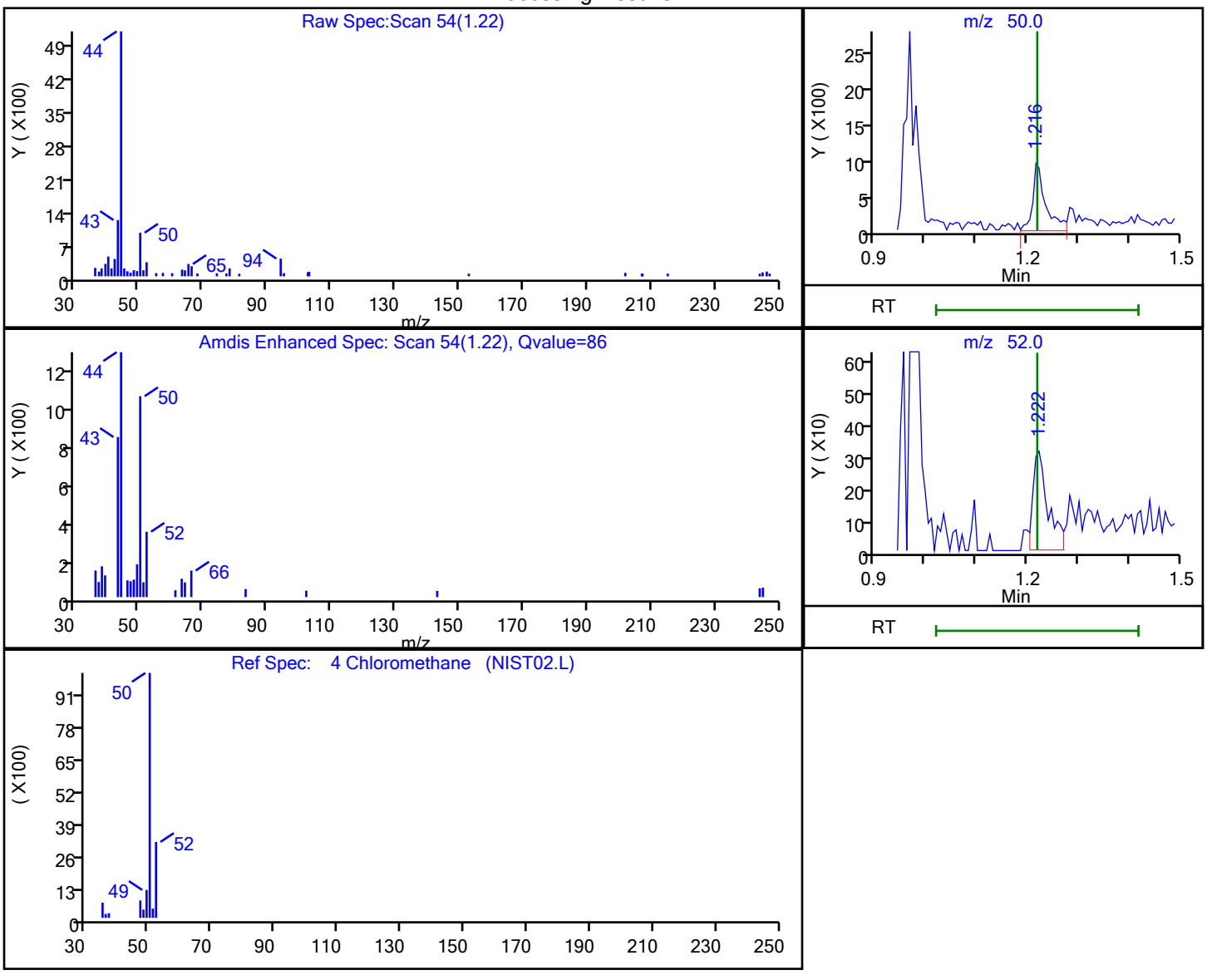
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.22	50.00	1598	0.440619
1.22	52.00	656	

Reviewer: PUV6, 22-Feb-2025 21:34:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

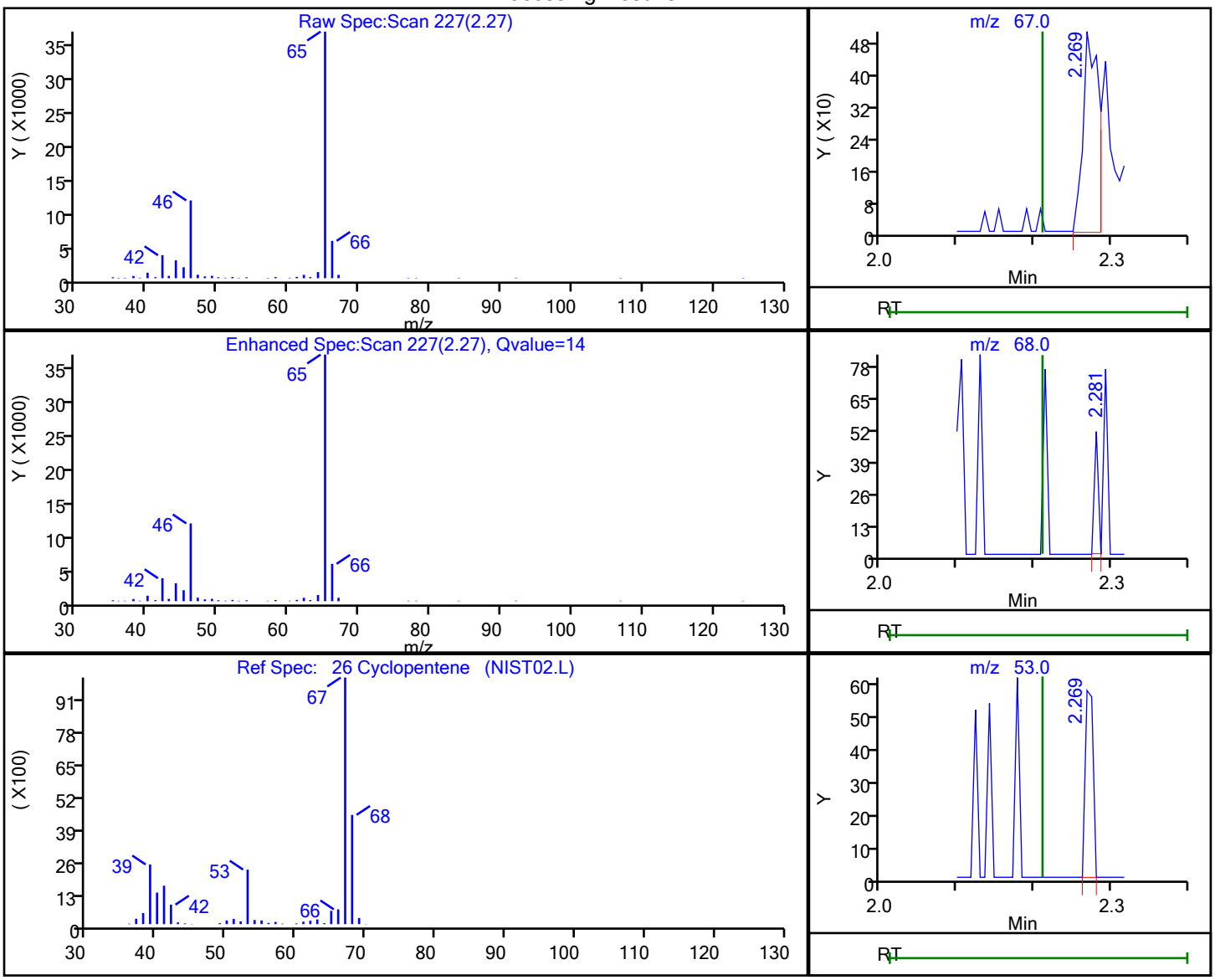
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Eurofins Edison

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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.27	67.00	717	0.096893
2.28	68.00	19	
2.27	53.00	42	

Reviewer: PUV6, 22-Feb-2025 21:34:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

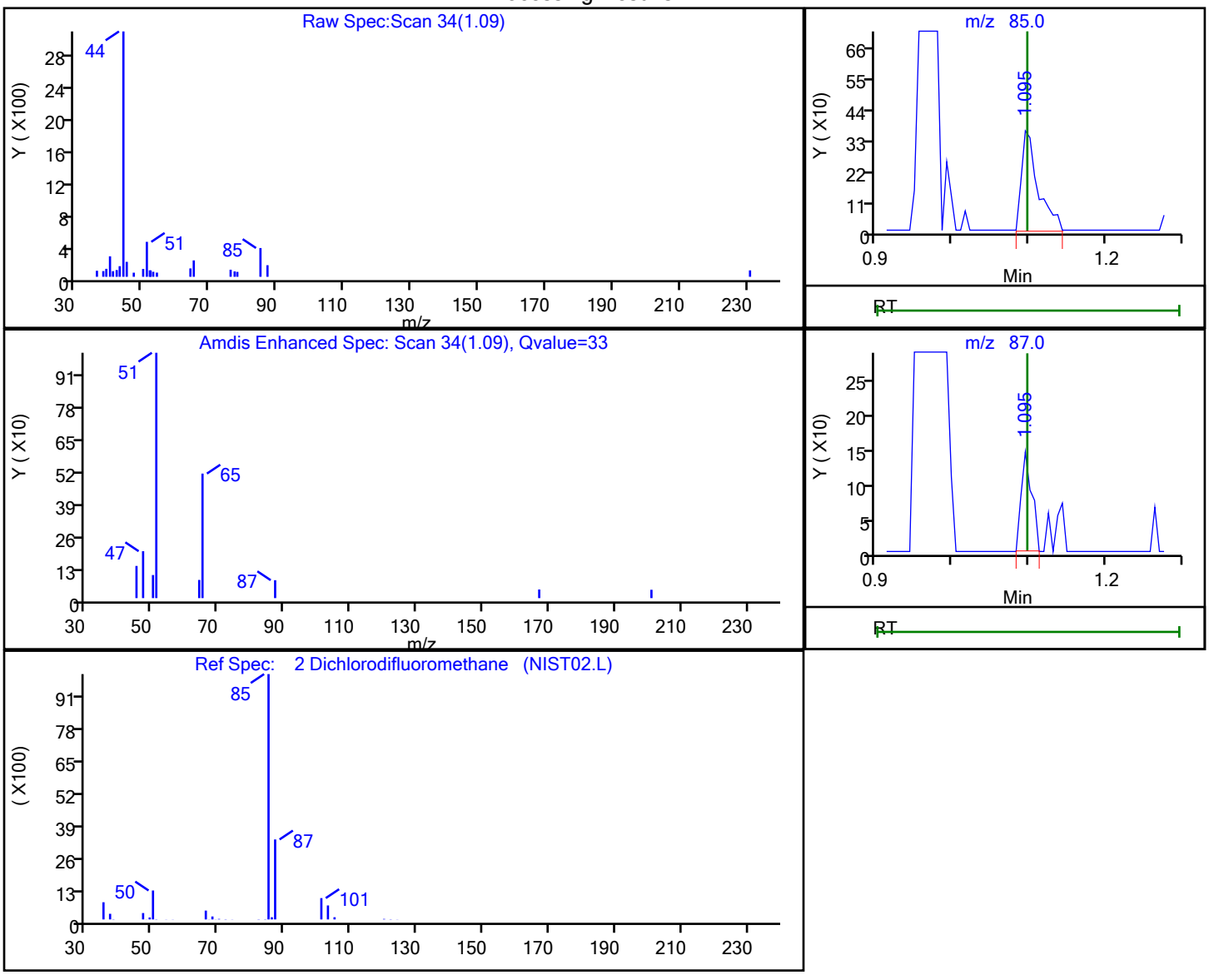
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.09	85.00	537	0.177669
1.09	87.00	141	

Reviewer: PUV6, 22-Feb-2025 21:33:58 -05:00:00 (UTC)
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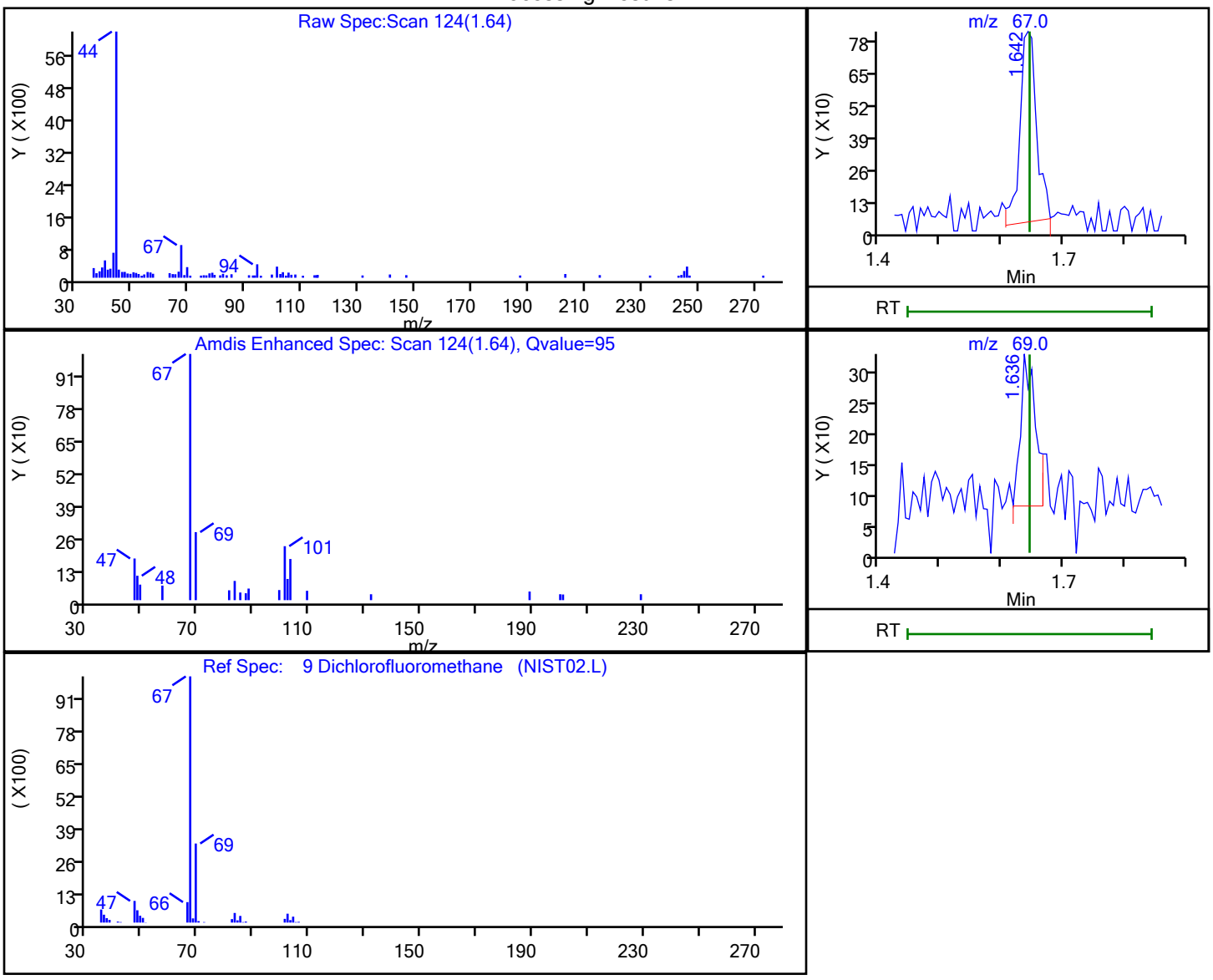
User Disabled Compound Report

Eurofins Edison

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Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.64	67.00	1488	0.316402
1.64	69.00	407	

Reviewer: PUV6, 22-Feb-2025 21:34:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

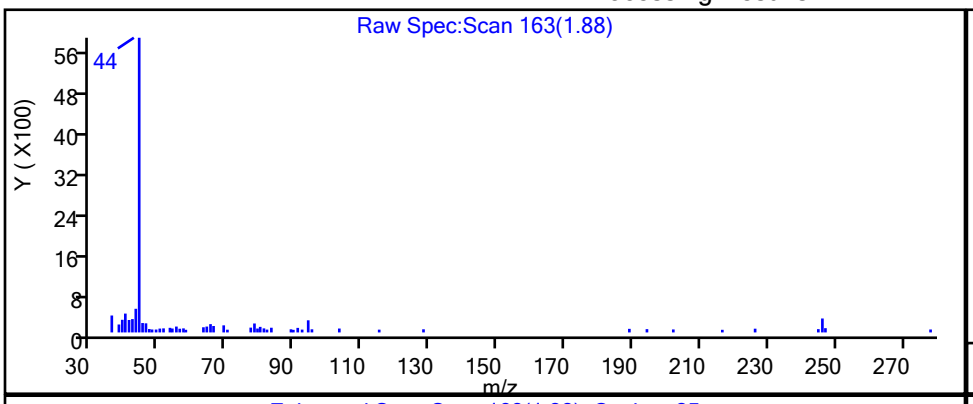
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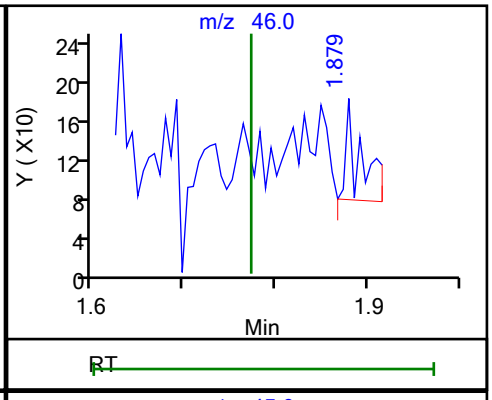
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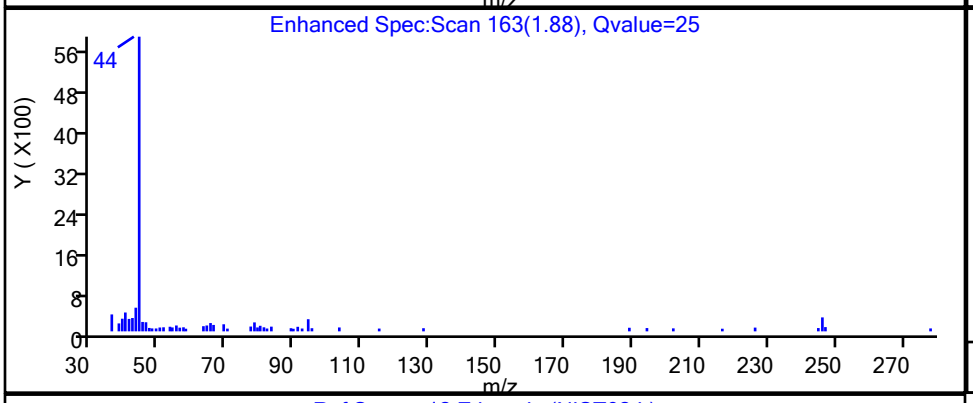
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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

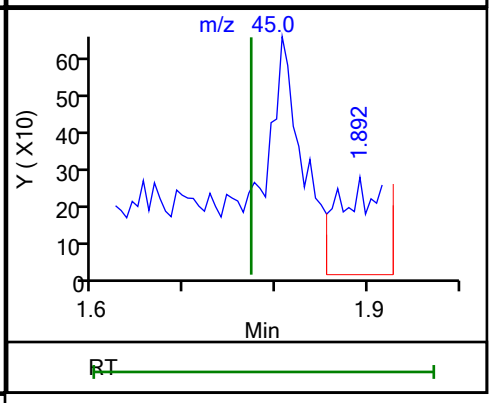
12 Ethanol, CAS: 64-17-5

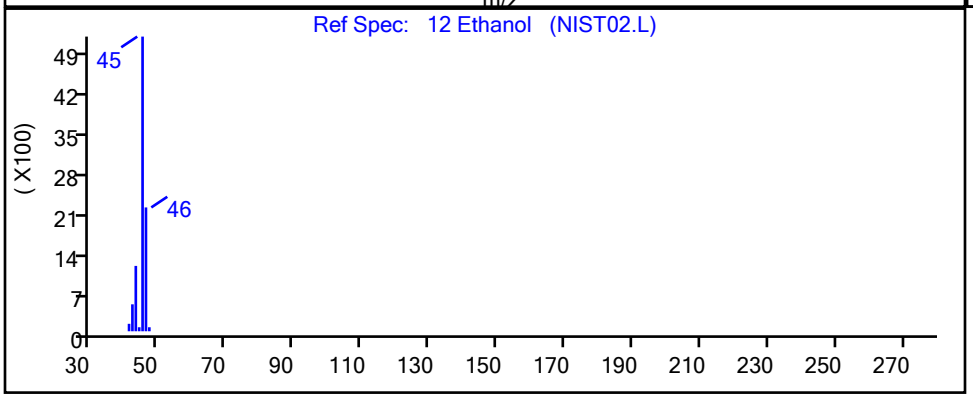
Processing Results











RT	Mass	Response	Amount
1.88	46.00	121	31.968537
1.89	45.00	928	

Reviewer: PUV6, 22-Feb-2025 21:34:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

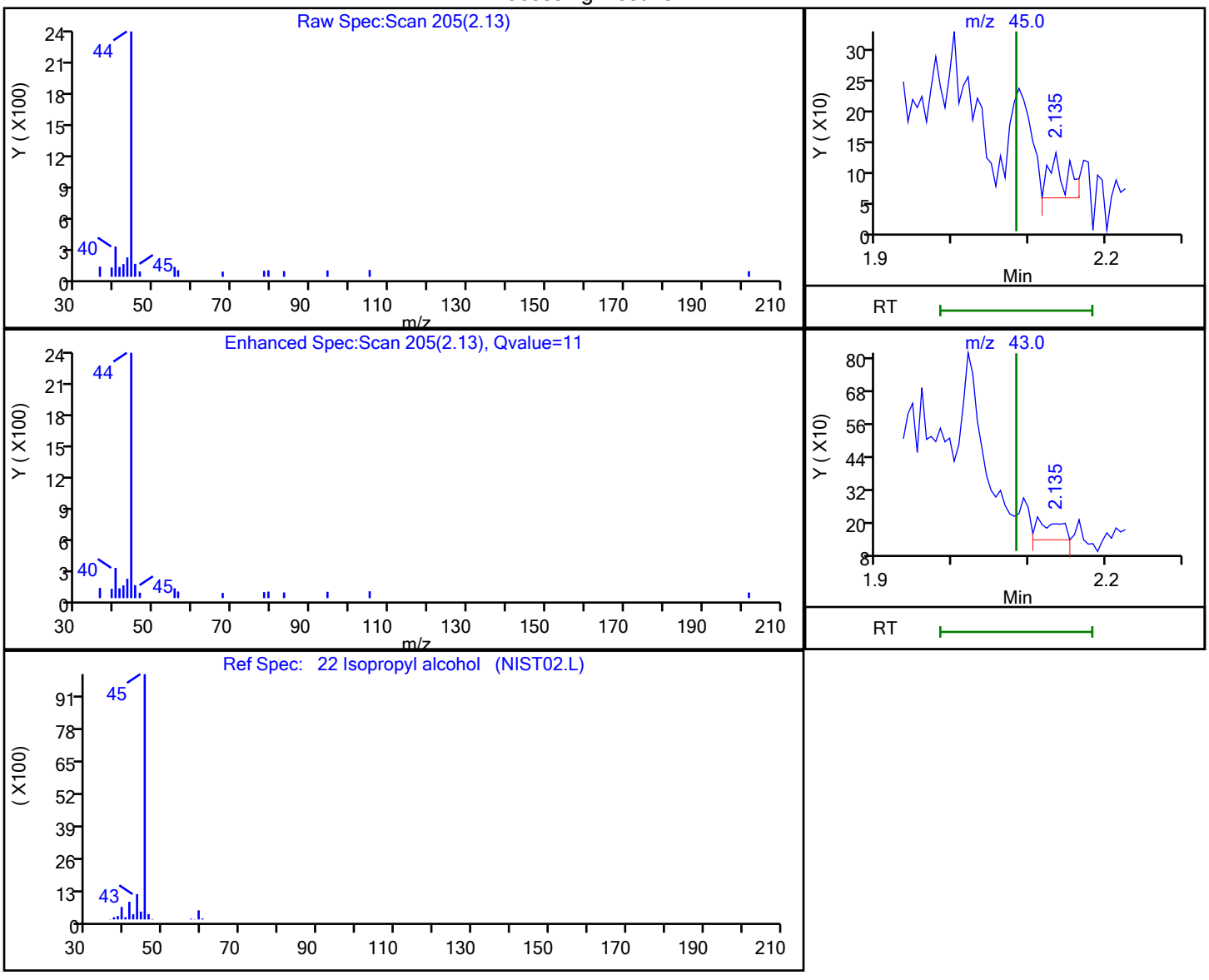
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.13	45.00	117	7.822312
2.13	43.00	161	

Reviewer: PUV6, 22-Feb-2025 21:34:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

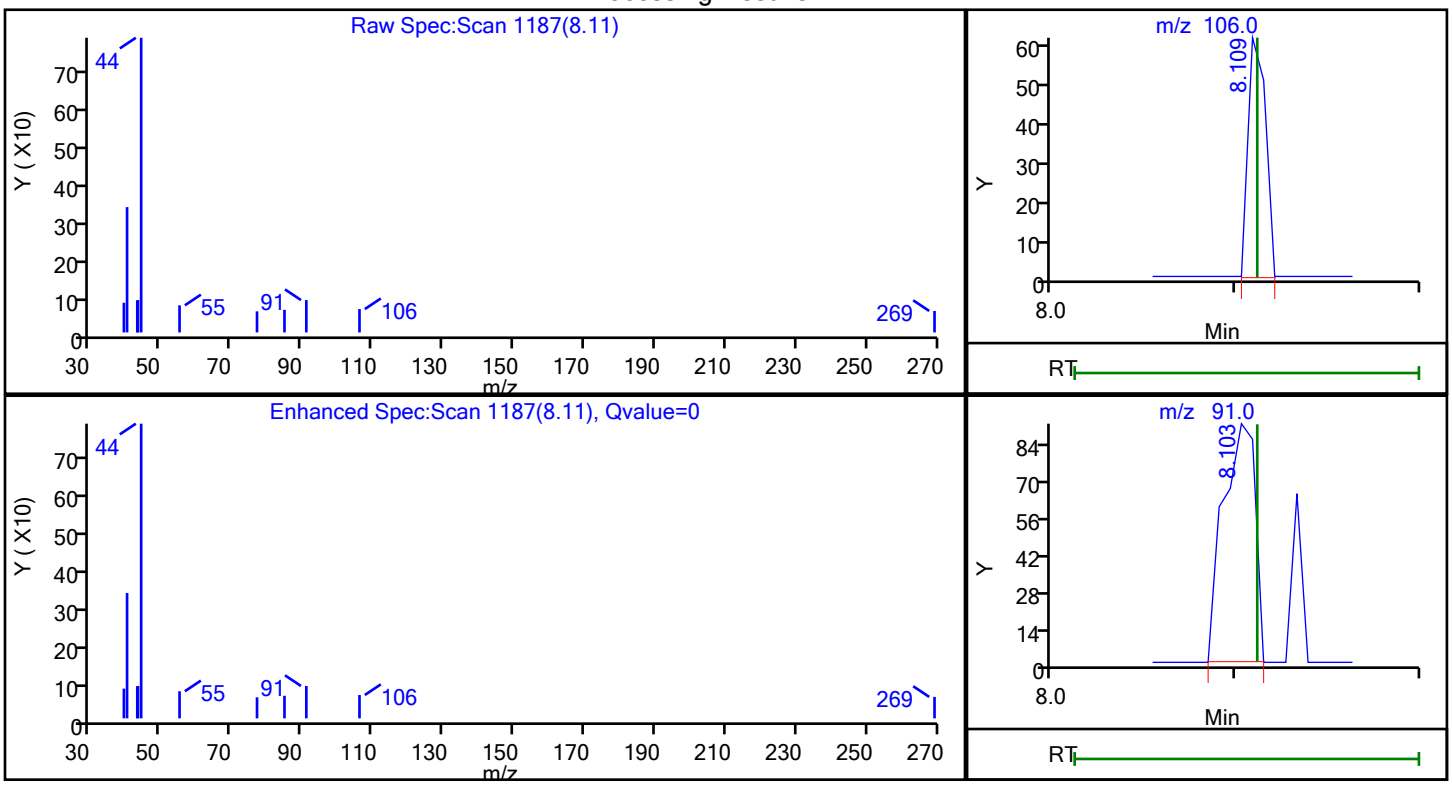
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D				
Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.11	106.00	41	0.018842
8.10	91.00	111	

Reviewer: PUV6, 22-Feb-2025 21:34:50 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

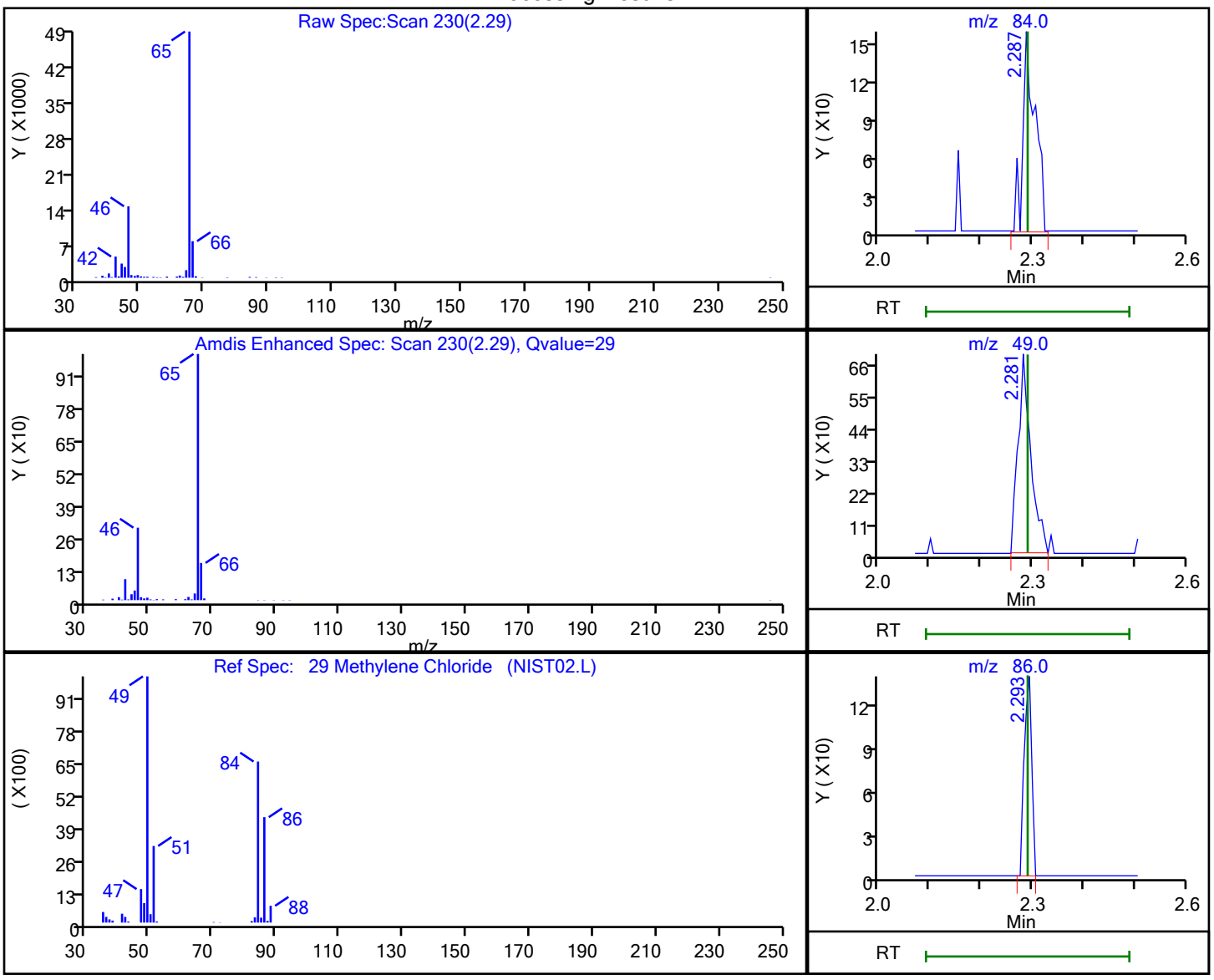
User Disabled Compound Report

Eurofins Edison

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Injection Date:	22-Feb-2025 17:47:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

29 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.29	84.00	263	0.084655
2.28	49.00	1222	
2.29	86.00	134	

Reviewer: PUV6, 22-Feb-2025 21:34:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

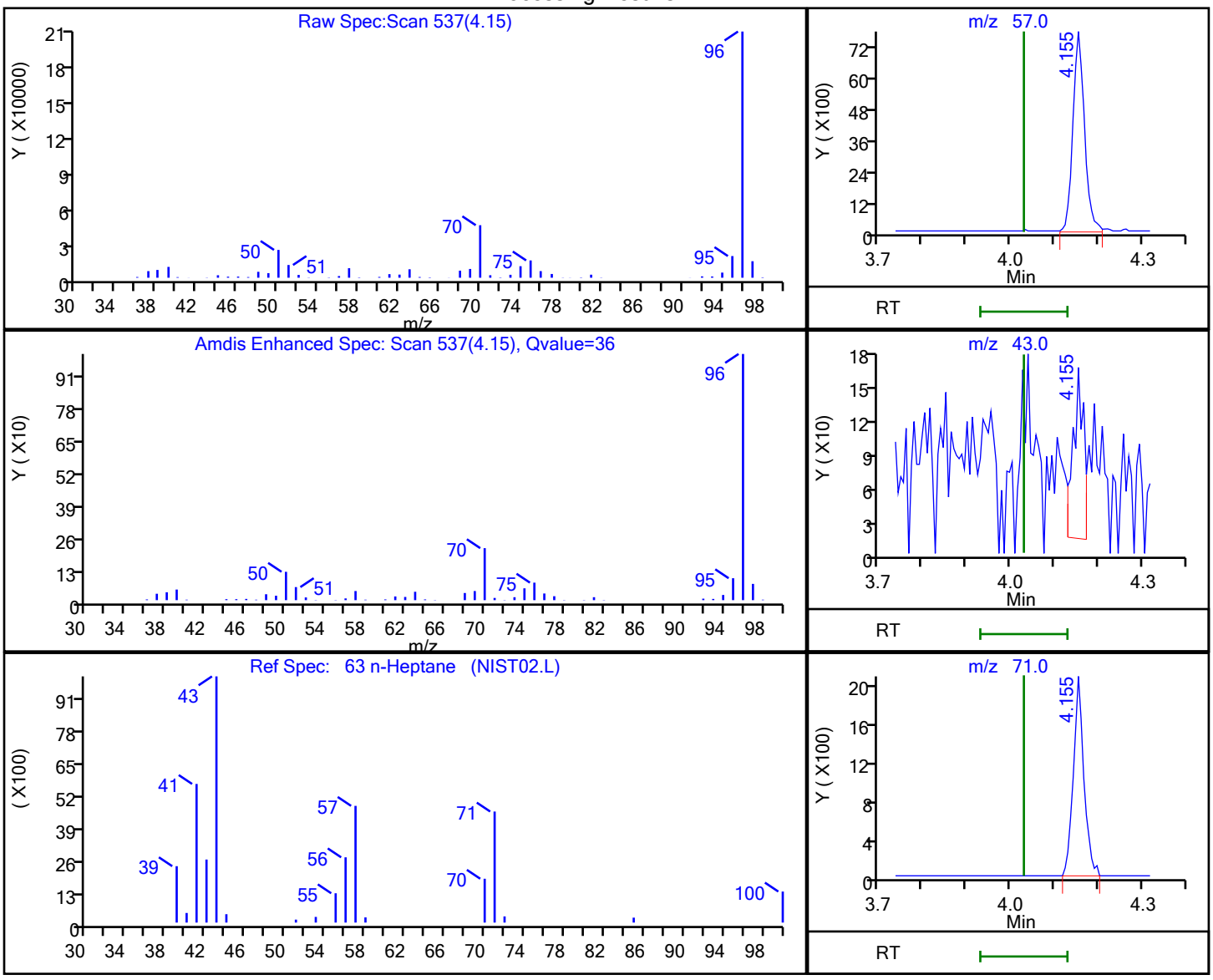
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.15	57.00	14302	15.535627
4.15	43.00	256	
4.15	71.00	3451	

Reviewer: PUV6, 22-Feb-2025 21:34:40 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

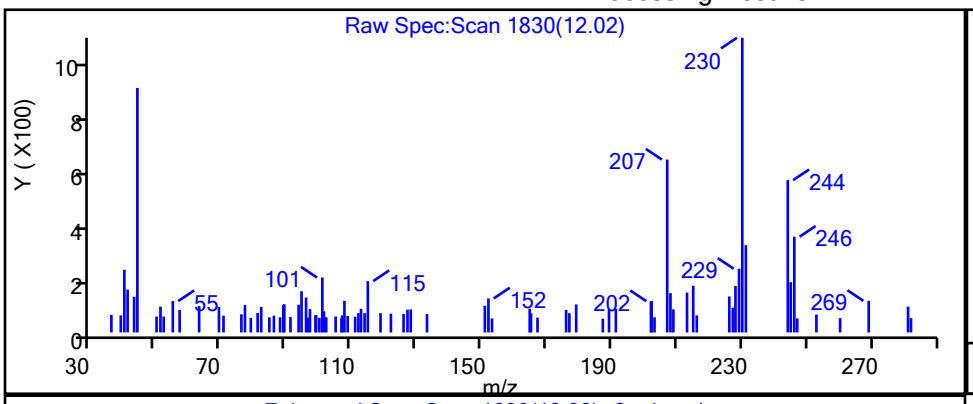
User Disabled Compound Report

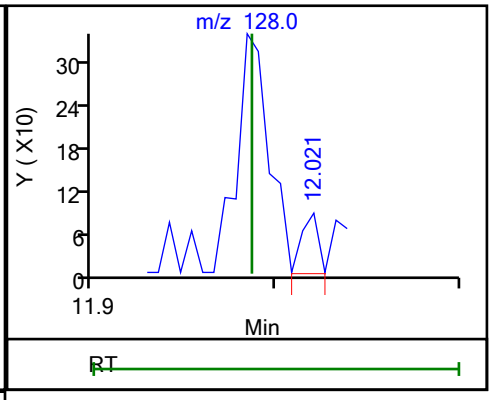
Eurofins Edison

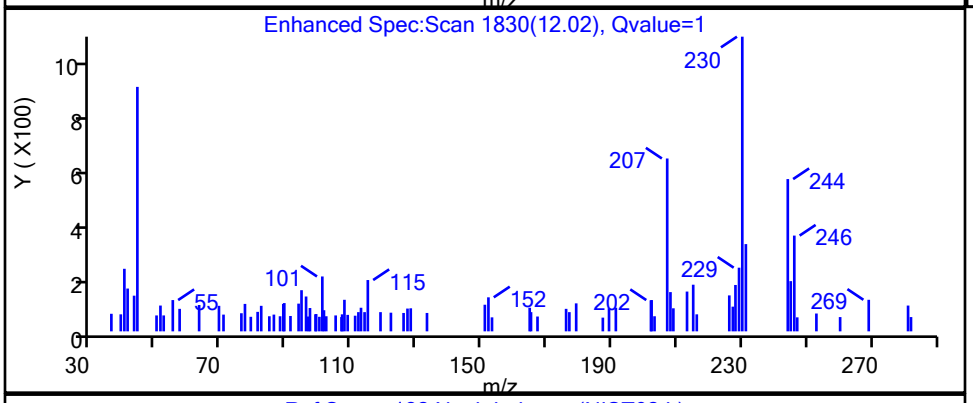
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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

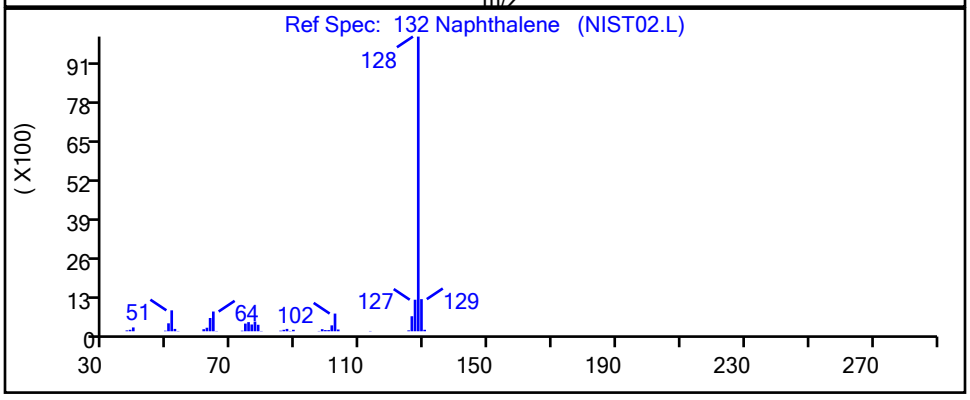
132 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.02	128.00	52	0.007622

Reviewer: NN6A, 23-Feb-2025 10:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

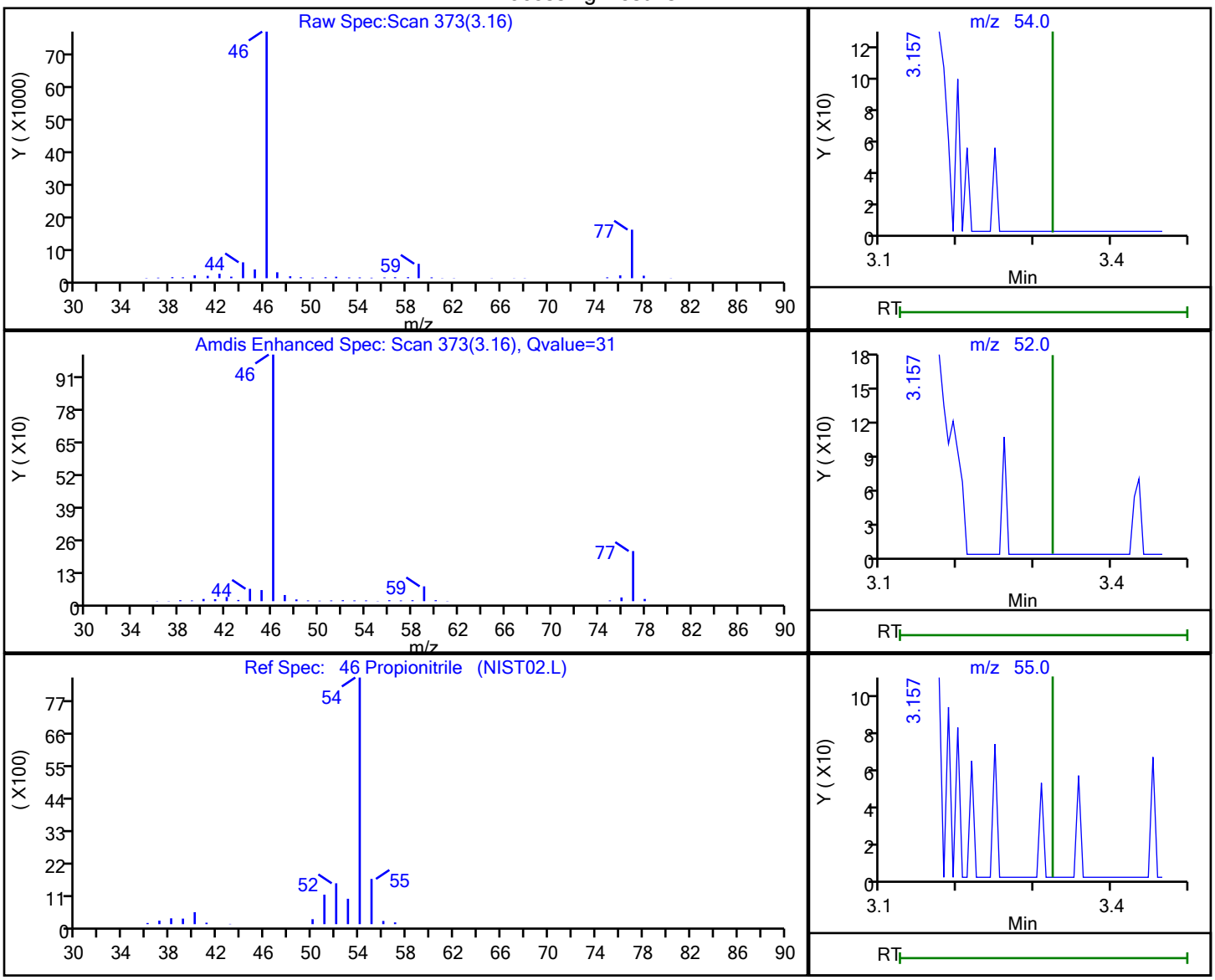
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.16	54.00	412	1.742826
3.16	52.00	741	
3.16	55.00	253	

Reviewer: PUV6, 22-Feb-2025 21:34:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

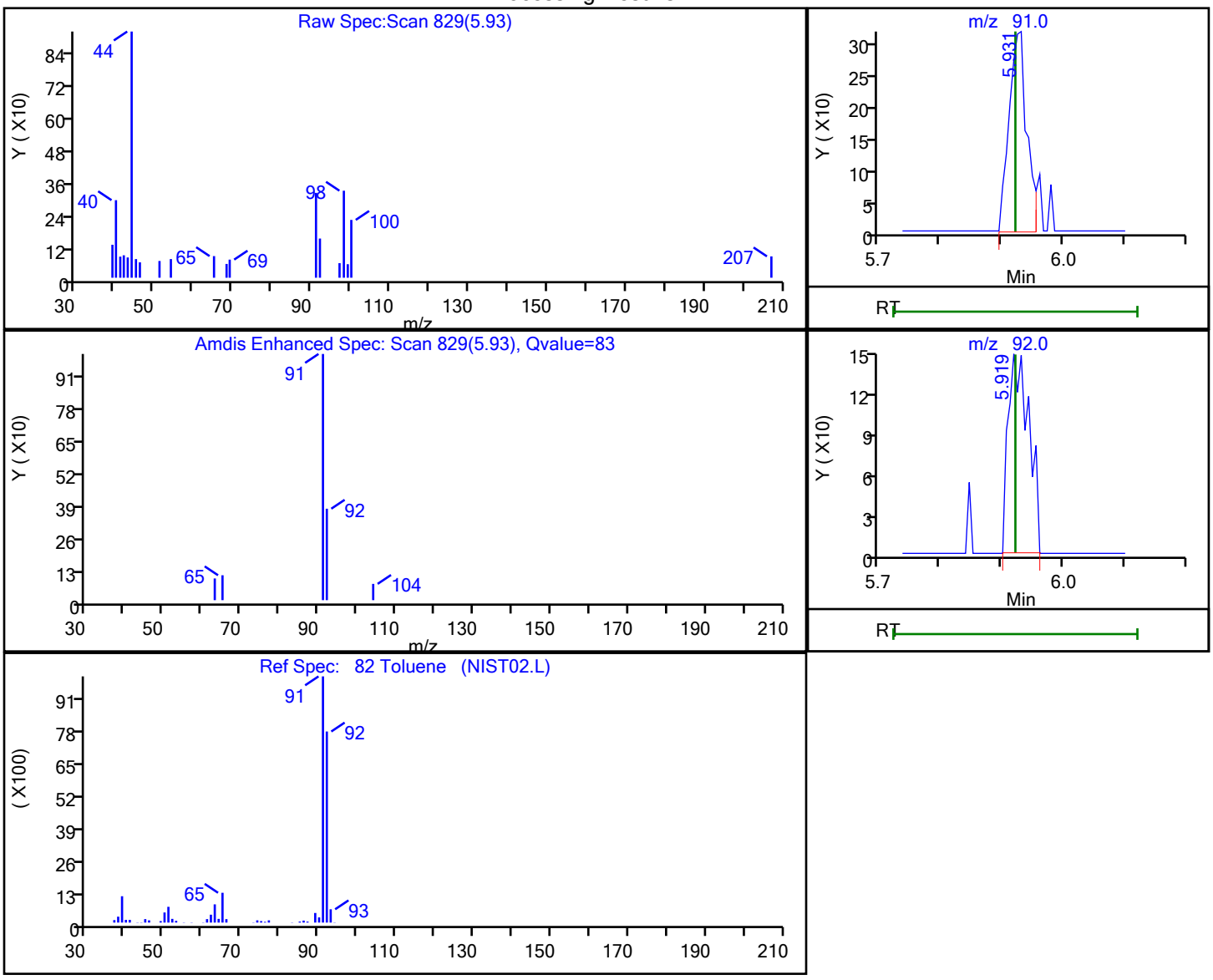
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.93	91.00	637	0.064280
5.92	92.00	346	

Reviewer: PUV6, 22-Feb-2025 18:44:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

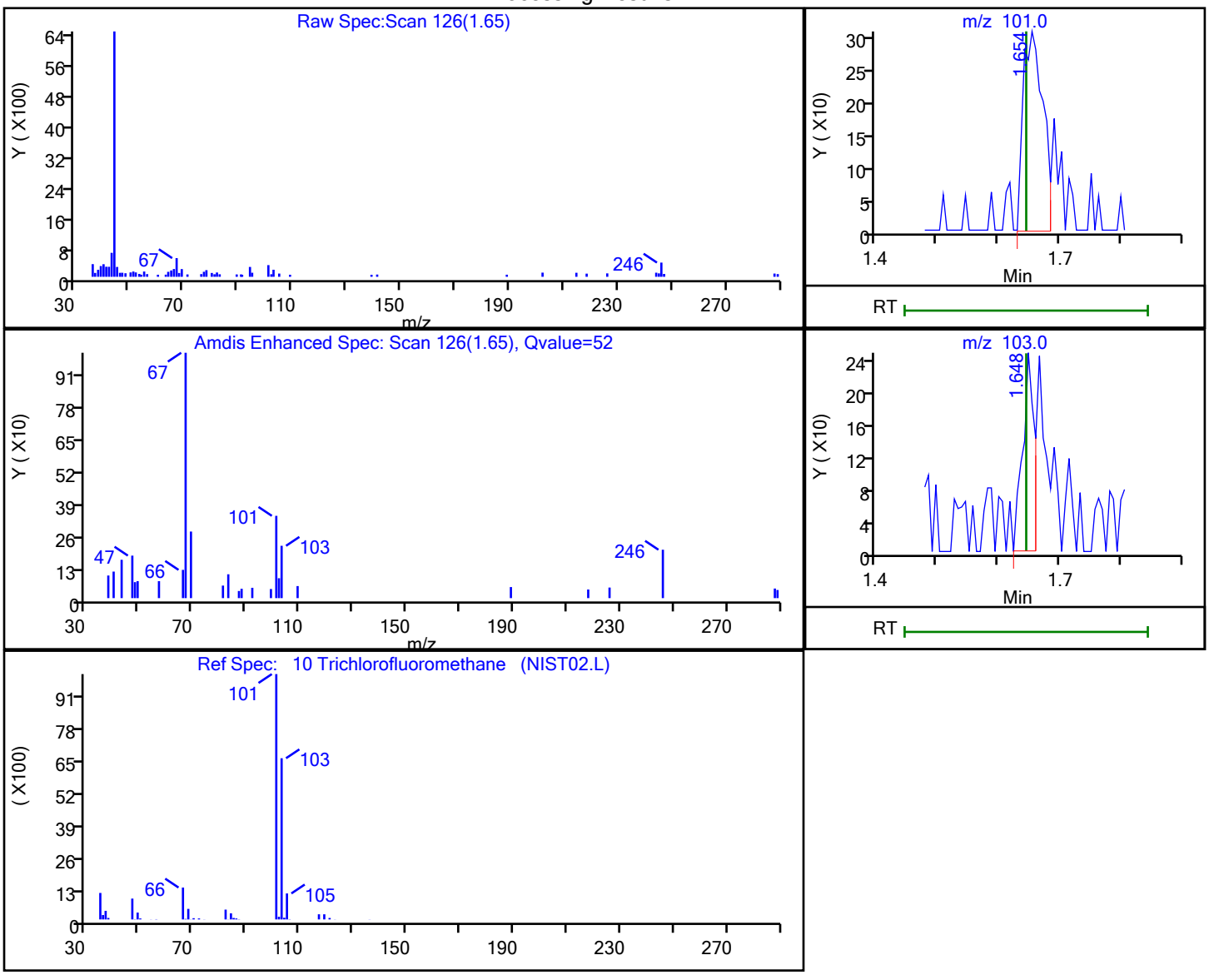
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13298.D
Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.65	101.00	703	0.253324
1.65	103.00	329	

Reviewer: PUV6, 22-Feb-2025 21:34:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

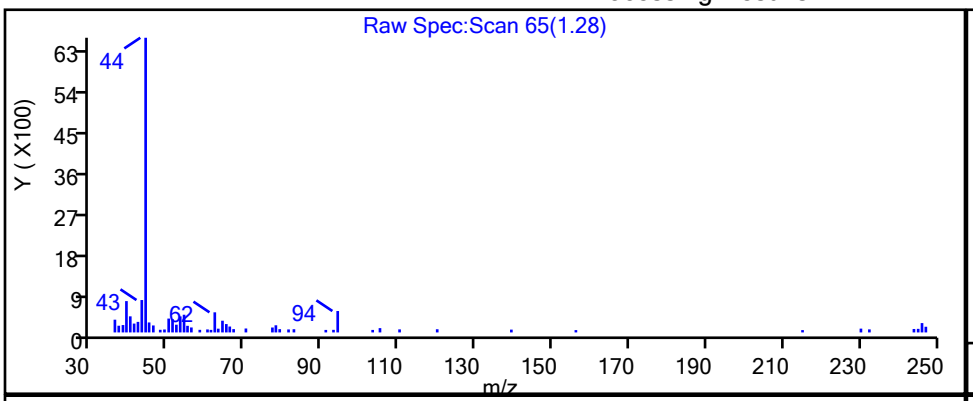
User Disabled Compound Report

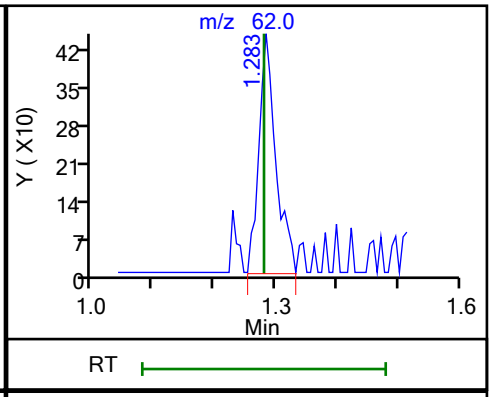
Eurofins Edison

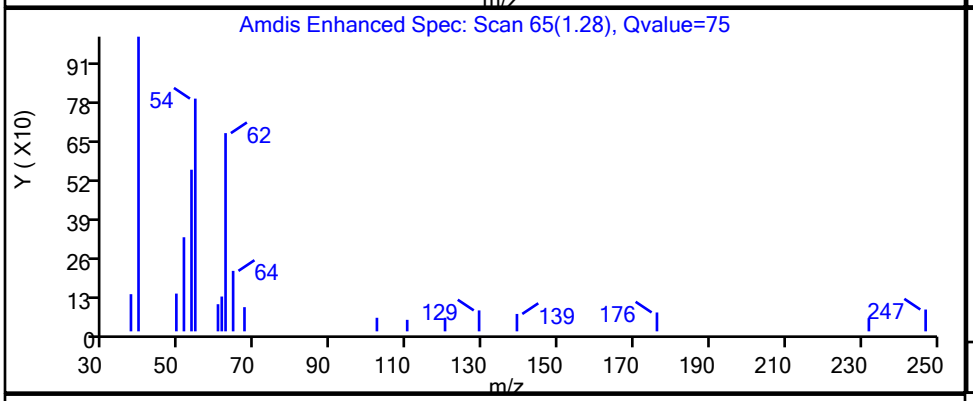
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Injection Date: 22-Feb-2025 17:47:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

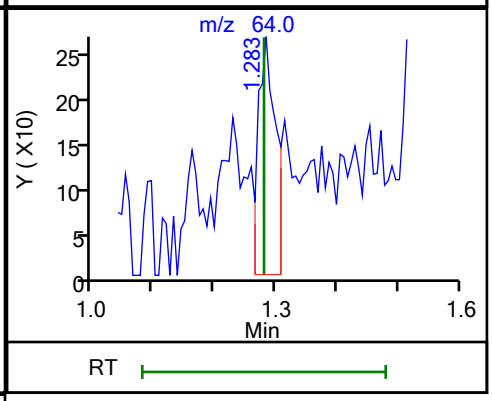
5 Vinyl chloride, CAS: 75-01-4

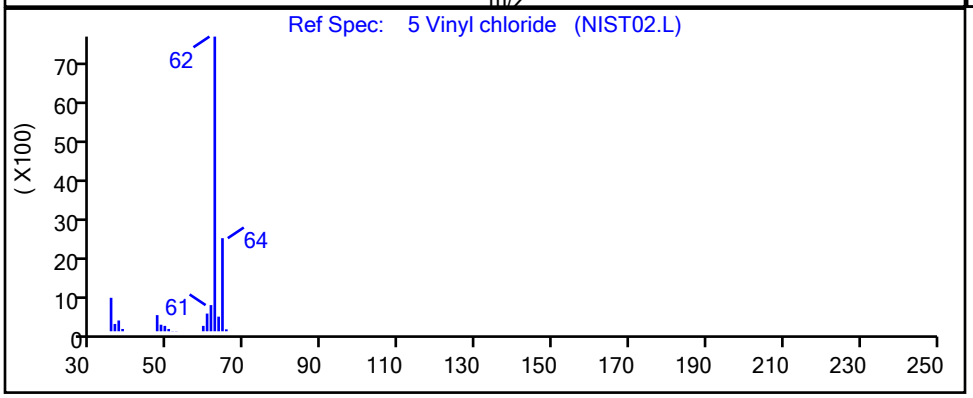
Processing Results











RT	Mass	Response	Amount
1.28	62.00	863	0.313113
1.28	64.00	524	

Reviewer: PUV6, 22-Feb-2025 21:34:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:17:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Feb-2025 18:10:30 ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0187183-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:17:52 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 18:43:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.073	0.003	82	276	1.00	1.00	
2 Dichlorodifluoromethane	85	1.094	1.097	-0.003	58	3545	1.00	0.9133	
3 Chlorodifluoromethane	67	1.112	1.109	0.003	97	566	1.00	1.07	
4 Chloromethane	50	1.222	1.219	0.003	98	5021	1.00	1.16	
5 Vinyl chloride	62	1.283	1.280	0.003	79	3421	1.00	1.06	
6 Butadiene	54	1.289	1.286	0.003	97	2823	1.00	0.9889	
7 Bromomethane	94	1.483	1.480	0.003	98	2881	1.00	1.27	
8 Chloroethane	64	1.526	1.523	0.003	98	1973	1.00	1.14	
10 Trichlorofluoromethane	101	1.648	1.645	0.003	56	3335	1.00	0.9831	
9 Dichlorofluoromethane	67	1.642	1.645	-0.003	97	6040	1.00	1.10	
11 Pentane	43	1.672	1.675	-0.003	95	10520	2.00	2.34	
12 Ethanol	46	1.800	1.772	0.028	33	250	40.0	36.8	M
13 Ethyl ether	59	1.812	1.809	0.003	87	3155	1.00	0.9774	
14 2-Methyl-1,3-butadiene	53	1.824	1.821	0.003	95	3290	1.00	1.21	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.836	1.839	-0.003	75	2441	1.00	1.10	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.873	1.876	-0.003	94	4765	1.00	1.20	a
18 Acrolein	56	1.934	1.931	0.003	96	2172	4.00	4.78	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.934	1.937	-0.003	94	2560	1.00	1.00	
19 1,1-Dichloroethene	96	1.958	1.961	-0.003	95	3463	1.00	1.11	
20 Acetone	43	2.025	2.022	0.003	86	4057	5.00	5.80	
21 Iodomethane	142	2.073	2.071	0.002	98	7155	1.00	1.12	
22 Isopropyl alcohol	45	2.092	2.083	0.009	24	741	10.0	7.89	
23 Carbon disulfide	76	2.098	2.101	-0.003	100	14338	1.00	1.17	
24 3-Chloro-1-propene	76	2.189	2.192	-0.003	88	2356	1.00	1.12	
25 Methyl acetate	43	2.201	2.198	0.003	71	4001	2.00	2.20	
26 Cyclopentene	67	2.213	2.210	0.003	92	9687	1.00	1.07	
27 Acetonitrile	41	2.244	2.241	0.003	90	3277	10.0	9.21	M
* 28 TBA-d9 (IS)	65	2.280	2.277	0.003	77	149211	1000.0	1000.0	
29 Methylene Chloride	84	2.286	2.290	-0.004	98	4547	1.00	1.19	
30 2-Methyl-2-propanol	59	2.335	2.332	0.003	95	1701	10.0	10.9	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.414	2.411	0.003	97	8149	1.00	1.07	
32 trans-1,2-Dichloroethene	96	2.432	2.436	-0.004	98	3545	1.00	1.07	
33 Acrylonitrile	53	2.499	2.490	0.009	95	9491	10.0	10.3	
34 Hexane	57	2.554	2.551	0.003	93	2966	1.00	0.9853	
35 Isopropyl ether	45	2.724	2.722	0.002	98	10983	1.00	1.09	
36 1,1-Dichloroethane	63	2.755	2.752	0.003	99	6450	1.00	1.06	
37 Vinyl acetate	43	2.767	2.764	0.003	99	5361	2.00	1.27	
38 2-Chloro-1,3-butadiene	88	2.791	2.788	0.003	92	2760	1.00	1.04	
39 Tert-butyl ethyl ether	59	2.986	2.983	0.003	86	9590	1.00	1.06	
* 40 2-Butanone-d5	46	3.162	3.160	0.002	87	199175	250.0	250.0	
41 2,2-Dichloropropane	79	3.162	3.166	-0.004	46	1588	1.00	1.18	
42 cis-1,2-Dichloroethene	96	3.193	3.190	0.003	93	3578	1.00	1.06	
43 2-Butanone (MEK)	72	3.223	3.208	0.015	96	997	5.00	5.39	
44 Ethyl acetate	70	3.217	3.208	0.009	91	431	2.00	2.39	
45 Methyl acrylate	55	3.278	3.263	0.015	96	1293	1.00	0.8578	
46 Propionitrile	54	3.375	3.324	0.051	90	2245	10.0	8.31	a
47 Chlorobromomethane	128	3.394	3.391	0.003	95	1840	1.00	1.13	
48 Tetrahydrofuran	72	3.424	3.397	0.027	29	394	2.00	1.79	
49 Methacrylonitrile	67	3.424	3.409	0.015	96	7657	10.0	9.73	
50 Chloroform	83	3.436	3.439	-0.003	97	6034	1.00	1.11	
51 Cyclohexane	84	3.552	3.549	0.003	95	3497	1.00	0.9592	
52 1,1,1-Trichloroethane	97	3.564	3.561	0.003	79	4589	1.00	1.10	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.579	0.003	95	121343	50.0	51.8	
54 Carbon tetrachloride	117	3.673	3.671	0.002	94	3396	1.00	1.02	
55 1,1-Dichloropropene	75	3.704	3.701	0.003	92	4051	1.00	1.06	
56 Isobutyl alcohol	43	3.850	3.847	0.003	35	1463	25.0	10.1	a
57 Isooctane	57	3.856	3.853	0.003	95	6957	1.00	0.8870	
58 Benzene	78	3.886	3.883	0.003	96	11847	1.00	1.16	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.898	3.902	-0.004	0	122524	50.0	53.2	
60 Isopropyl acetate	43	3.953	3.944	0.009	34	5183	1.00	0.9175	a
61 Tert-amyl methyl ether	55	3.947	3.944	0.003	84	2717	1.00	1.23	
62 1,2-Dichloroethane	62	3.971	3.969	0.002	96	3835	1.00	1.05	
63 n-Heptane	57	4.032	4.029	0.003	94	1008	1.00	0.8937	
* 64 Fluorobenzene	96	4.154	4.157	-0.003	98	468641	50.0	50.0	
65 Trichloroethene	95	4.501	4.498	0.003	95	2760	1.00	0.9643	
67 Methylcyclohexane	83	4.616	4.613	0.003	92	3682	1.00	0.8956	
68 Ethyl acrylate	55	4.616	4.613	0.003	80	3697	1.00	0.7462	a
69 1,2-Dichloropropane	63	4.781	4.778	0.003	88	2601	1.00	0.9795	
* 70 1,4-Dioxane-d8	96	4.860	4.857	0.003	0	14004	1000.0	1000.0	
71 Methyl methacrylate	100	4.896	4.875	0.021	94	511	2.00	1.62	a
72 Dibromomethane	93	4.908	4.912	-0.004	91	1896	1.00	1.11	
73 1,4-Dioxane	88	4.933	4.912	0.021	35	492	50.0	44.3	
74 n-Propyl acetate	43	4.969	4.942	0.027	29	2205	1.00	1.06	Ma
75 Dichlorobromomethane	83	5.073	5.076	-0.003	98	3055	1.00	1.00	
76 2-Nitropropane	41	5.432	5.423	0.009	78	776	2.00	2.27	
77 2-Chloroethyl vinyl ether	63	5.450	5.435	0.015	63	811	1.00	0.8503	a
78 Epichlorohydrin	57	5.559	5.538	0.021	90	2033	20.0	18.1	M
79 cis-1,3-Dichloropropene	75	5.602	5.593	0.009	94	2889	1.00	0.9506	
80 4-Methyl-2-pentanone (MIBK)	43	5.784	5.775	0.009	95	7539	5.00	4.19	a
$ 81 Toluene-d8 (Surr)	98	5.839	5.842	-0.003	99	281428	50.0	51.3	
82 Toluene	91	5.930	5.921	0.009	94	8839	1.00	1.14	
83 trans-1,3-Dichloropropene	75	6.326	6.329	-0.003	96	1813	1.00	0.9016	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.387	6.372	0.015	81	1290	1.00	0.7798	
85 1,1,2-Trichloroethane	83	6.557	6.548	0.009	93	1303	1.00	0.9879	
86 Tetrachloroethene	166	6.587	6.585	0.003	89	1925	1.00	1.00	
87 1,3-Dichloropropane	76	6.788	6.779	0.009	96	2098	1.00	0.9678	
88 2-Hexanone	58	6.898	6.877	0.022	97	1865	5.00	3.73	M
89 n-Butyl acetate	43	7.038	7.023	0.016	69	2455	1.00	1.18	
90 Chlorodibromomethane	129	7.031	7.035	-0.004	95	1272	1.00	0.8326	
91 Ethylene Dibromide	107	7.196	7.187	0.009	94	1457	1.00	1.03	
* 92 Chlorobenzene-d5	117	7.798	7.801	-0.003	87	228462	50.0	50.0	
93 Chlorobenzene	112	7.841	7.838	0.003	94	4356	1.00	0.9777	
94 Ethylbenzene	106	7.956	7.947	0.009	98	2327	1.00	1.02	
95 1,1,1,2-Tetrachloroethane	131	7.968	7.972	-0.004	51	1813	1.00	0.9797	
96 m-Xylene & p-Xylene	106	8.114	8.111	0.003	0	2713	1.00	0.9787	
97 o-Xylene	106	8.583	8.580	0.003	92	3119	1.00	0.9812	
98 n-Butyl acrylate	73	8.613	8.604	0.009	70	1224	1.00	1.06	
99 Styrene	104	8.619	8.616	0.003	95	3323	1.00	0.8255	
100 Bromoform	173	8.838	8.835	0.003	92	621	1.00	0.8230	
101 Amyl acetate (mixed isomers)	43	8.869	8.860	0.009	87	2848	1.00	0.7481	
102 Isopropylbenzene	105	8.972	8.969	0.003	97	7129	1.00	0.9842	
$ 103 4-Bromofluorobenzene	174	9.179	9.176	0.003	92	68038	50.0	49.9	
104 Bromobenzene	156	9.307	9.298	0.009	91	1975	1.00	0.9222	
105 1,1,2,2-Tetrachloroethane	83	9.380	9.377	0.003	97	2150	1.00	0.9772	
106 N-Propylbenzene	91	9.392	9.389	0.003	98	8213	1.00	0.8696	
107 1,2,3-Trichloropropane	110	9.416	9.413	0.003	93	451	1.00	0.9521	
108 trans-1,4-Dichloro-2-butene	53	9.447	9.444	0.003	26	358	1.00	0.9782	
109 2-Chlorotoluene	91	9.483	9.486	-0.003	97	6730	1.00	0.9307	
110 4-Ethyltoluene	105	9.507	9.505	0.002	98	6865	1.00	0.8919	
111 1,3,5-Trimethylbenzene	105	9.574	9.571	0.003	93	6192	1.00	0.8196	
112 4-Chlorotoluene	91	9.599	9.602	-0.003	97	5044	1.00	0.8216	
113 Butyl Methacrylate	87	9.696	9.693	0.003	95	2611	1.00	0.8466	
114 tert-Butylbenzene	119	9.848	9.851	-0.003	92	4784	1.00	0.7811	
115 1,2,4-Trimethylbenzene	105	9.915	9.912	0.003	98	6648	1.00	0.8575	
116 sec-Butylbenzene	105	10.055	10.052	0.003	98	6962	1.00	0.7820	
117 1,3-Dichlorobenzene	146	10.177	10.174	0.003	94	3883	1.00	0.9507	
118 4-Isopropyltoluene	119	10.183	10.186	-0.003	98	6113	1.00	0.8036	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	96	153851	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.262	10.259	0.003	94	4166	1.00	0.9770	
121 1,2,3-Trimethylbenzene	105	10.280	10.283	-0.003	98	8015	1.00	0.9011	
122 Benzyl chloride	91	10.396	10.393	0.003	97	2345	1.00	0.7952	
123 2,3-Dihydroindene	117	10.444	10.448	-0.004	94	6999	1.00	0.9165	
124 p-Diethylbenzene	119	10.511	10.508	0.003	92	3639	1.00	0.8109	
125 n-Butylbenzene	92	10.529	10.533	-0.004	96	3331	1.00	0.8810	a
126 1,2-Dichlorobenzene	146	10.572	10.575	-0.003	92	4187	1.00	0.9396	
127 1,2,4,5-Tetramethylbenzene	119	11.138	11.141	-0.003	97	7762	1.00	0.9203	
128 1,2-Dibromo-3-Chloropropane	157	11.223	11.220	0.003	67	369	1.00	0.7761	
129 1,3,5-Trichlorobenzene	180	11.332	11.330	0.002	96	3666	1.00	0.9753	
130 1,2,4-Trichlorobenzene	180	11.807	11.804	0.003	94	3619	1.00	1.02	
131 Hexachlorobutadiene	225	11.886	11.889	-0.003	92	1109	1.00	0.9602	
132 Naphthalene	128	11.989	11.987	0.002	98	8651	1.00	0.99	
133 1,2,3-Trichlorobenzene	180	12.166	12.163	0.003	95	3026	1.00	0.9474	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.13	
S 135 Xylenes, Total	100				0		2.00	1.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		5.00	5.28	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

14DIOXINTER_00178	Amount Added:	30.00	Units: uL	
8260MIX1COMB_00201	Amount Added:	10.00	Units: uL	
524FREONS_00031	Amount Added:	10.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
GASES Li_00628	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:17:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D

Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8 Operator ID:

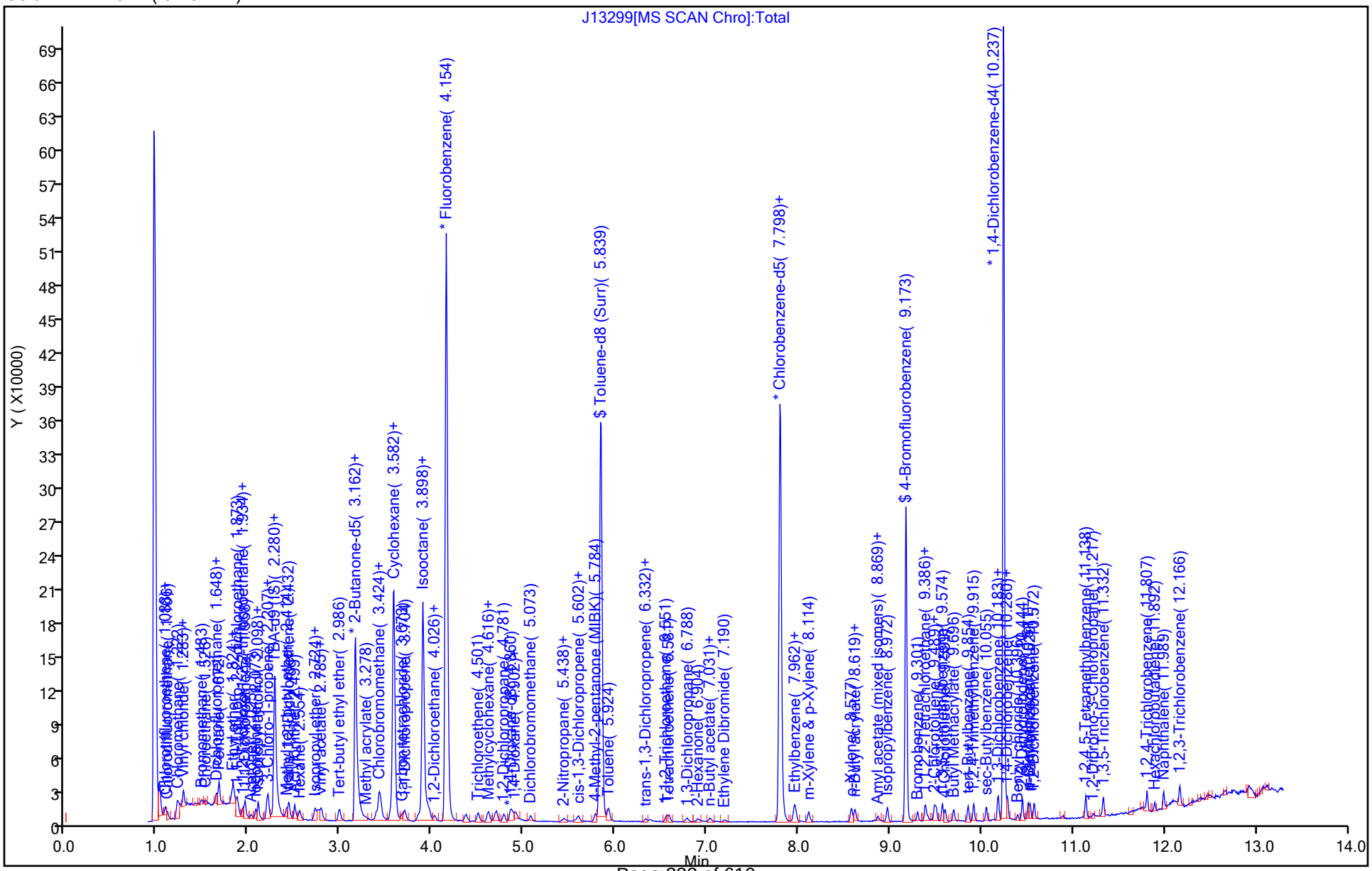
Lims ID: STD1 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

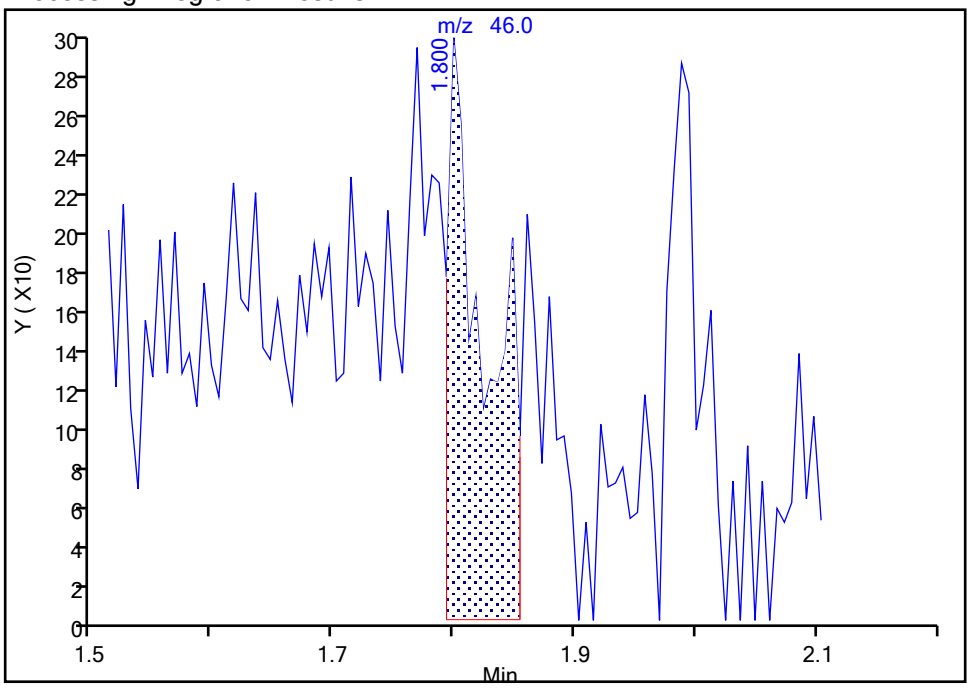
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

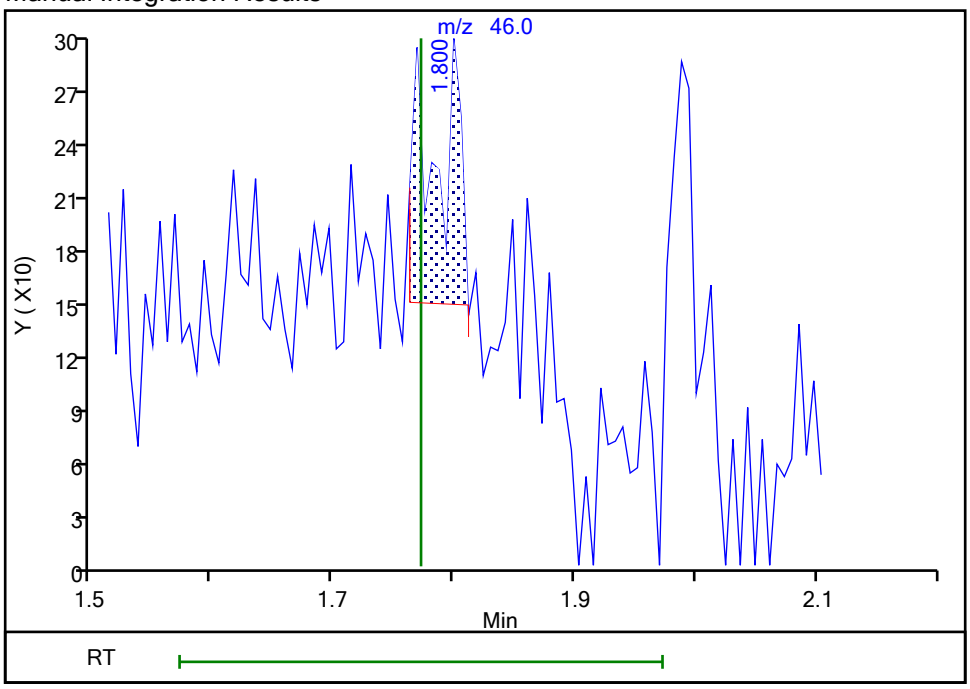
Processing Integration Results

RT: 1.80
Area: 660
Amount: 90.684871
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 250
Amount: 36.751695
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:46:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

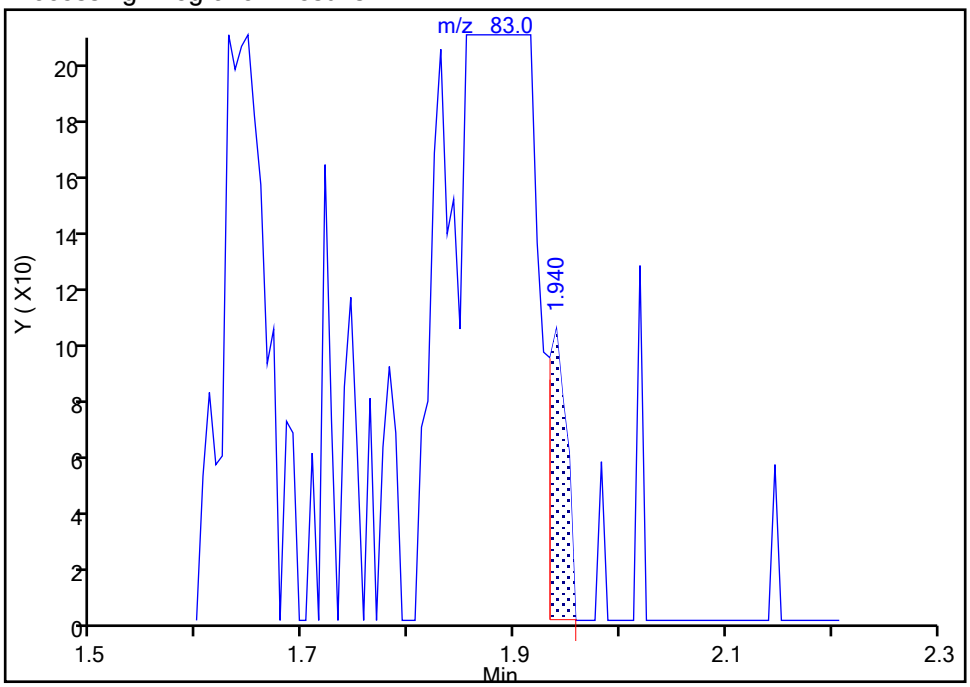
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

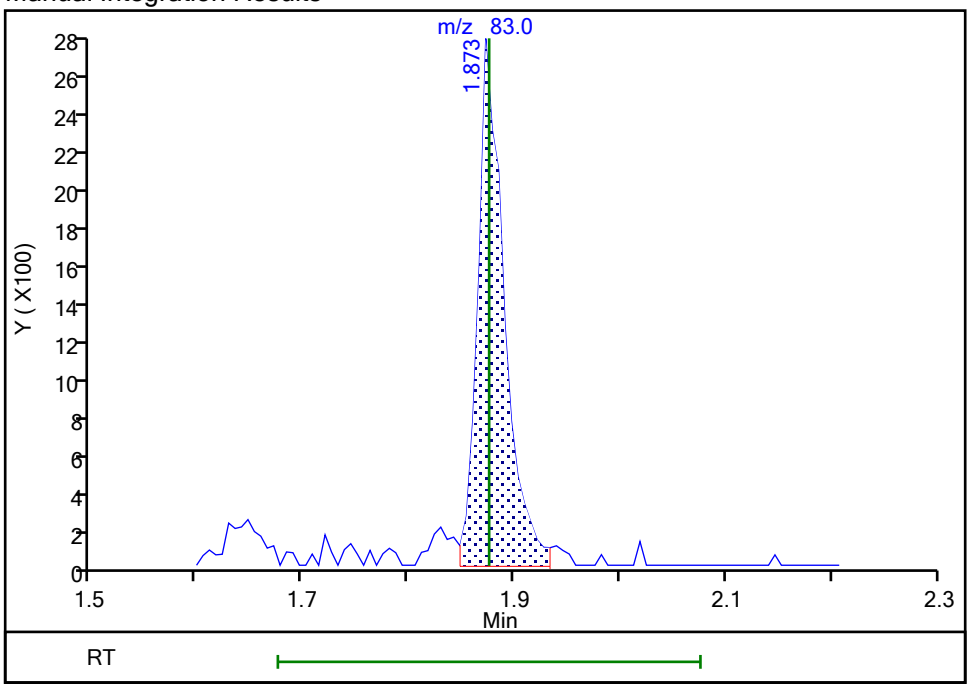
Processing Integration Results

RT: 1.94
Area: 119
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 4765
Amount: 1.199745
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:45:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

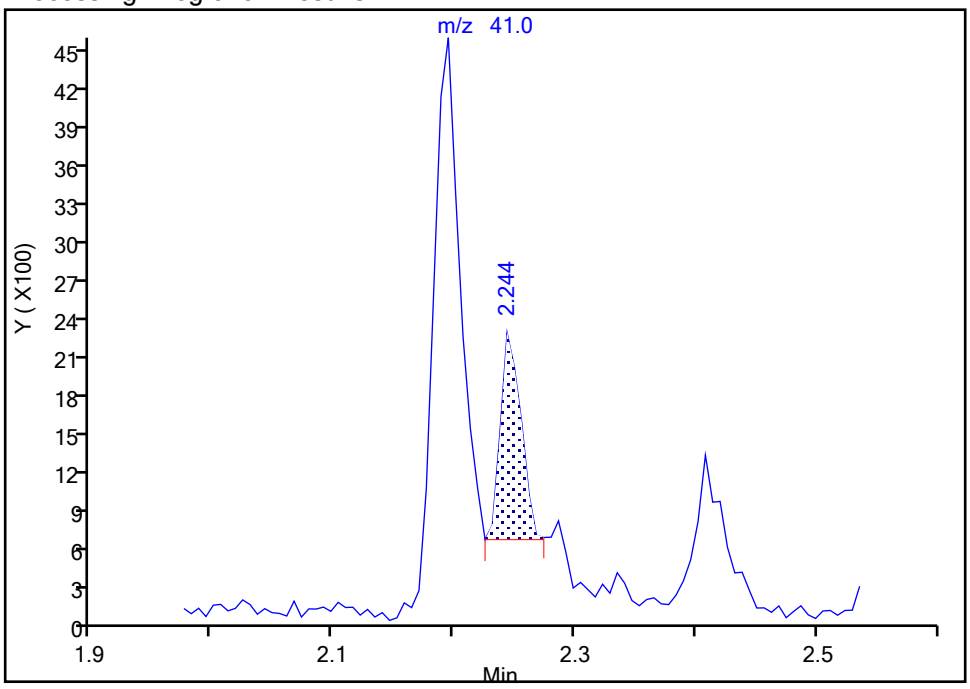
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

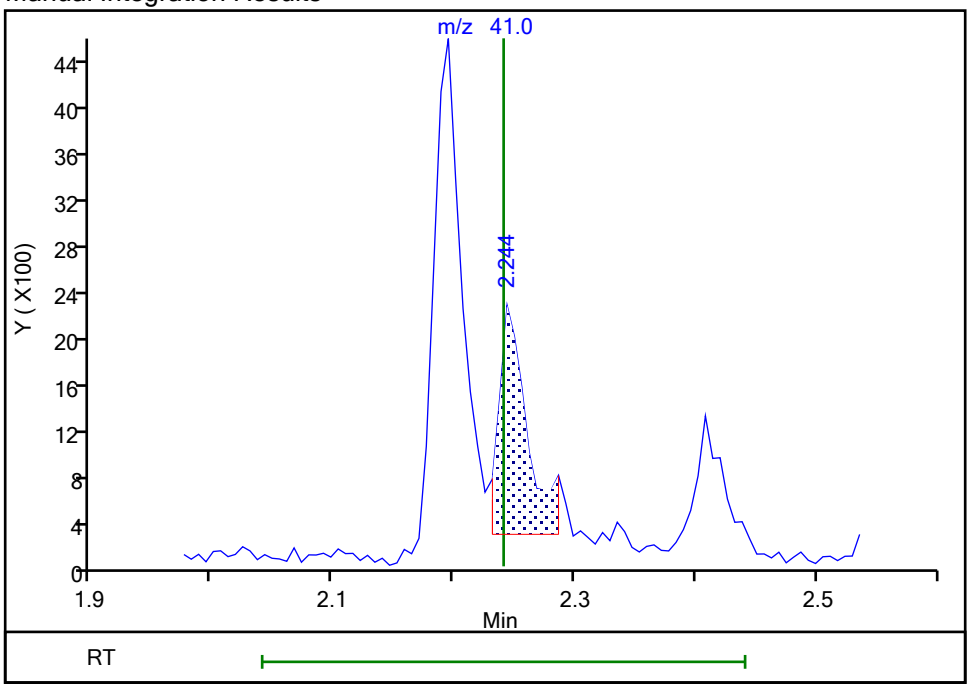
Processing Integration Results

RT: 2.24
Area: 1904
Amount: 4.430671
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 3277
Amount: 9.210099
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:49:23 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

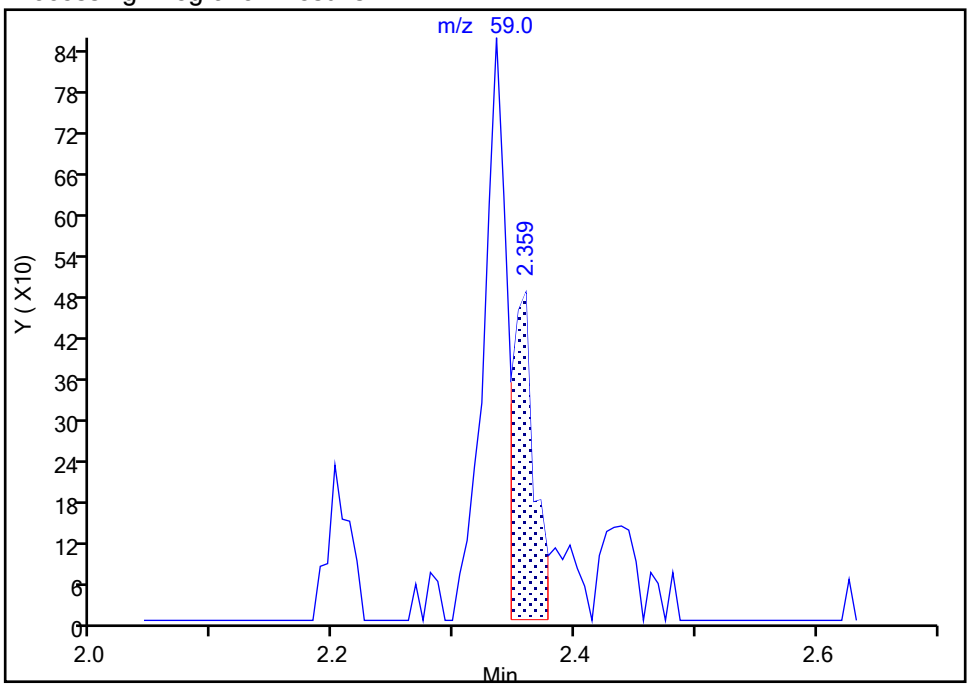
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

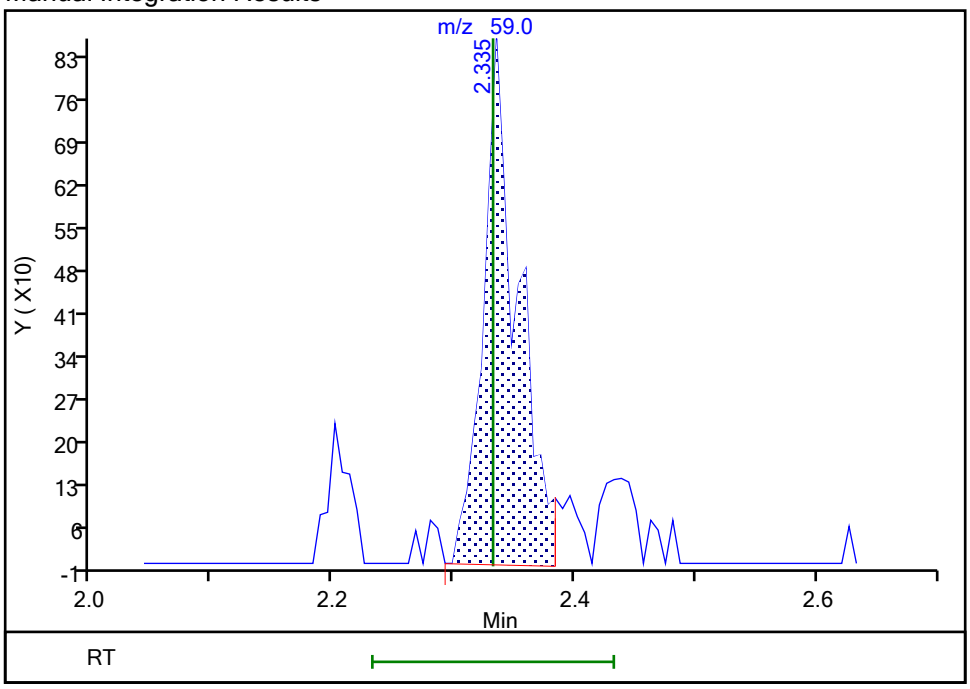
Processing Integration Results

RT: 2.36
Area: 629
Amount: 3.995114
Amount Units: ug/l



Manual Integration Results

RT: 2.34
Area: 1701
Amount: 10.940691
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:47:38 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

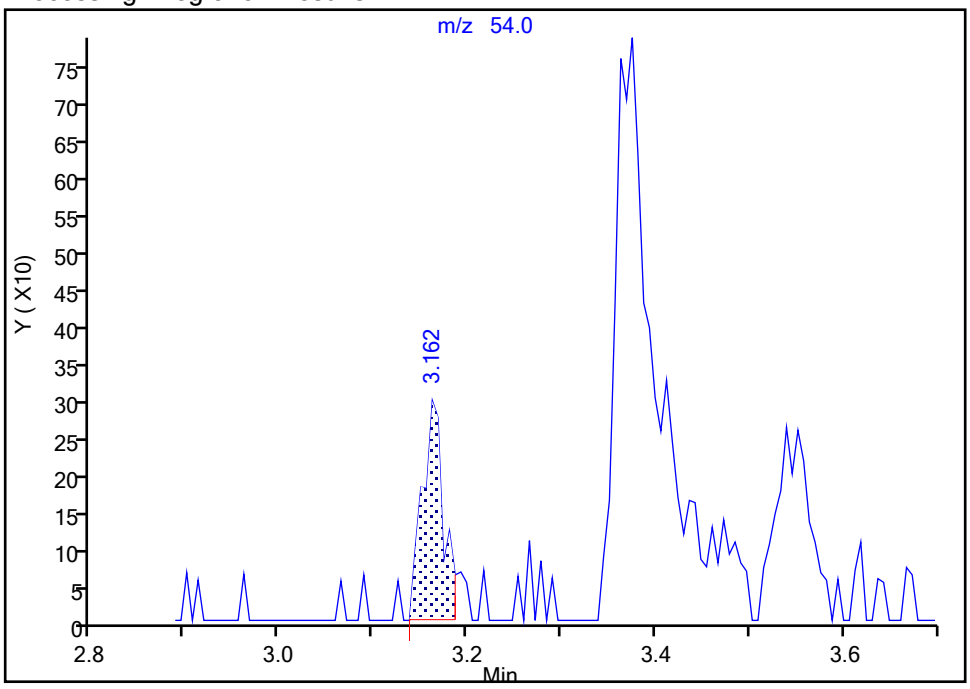
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Propionitrile, CAS: 107-12-0

Signal: 1

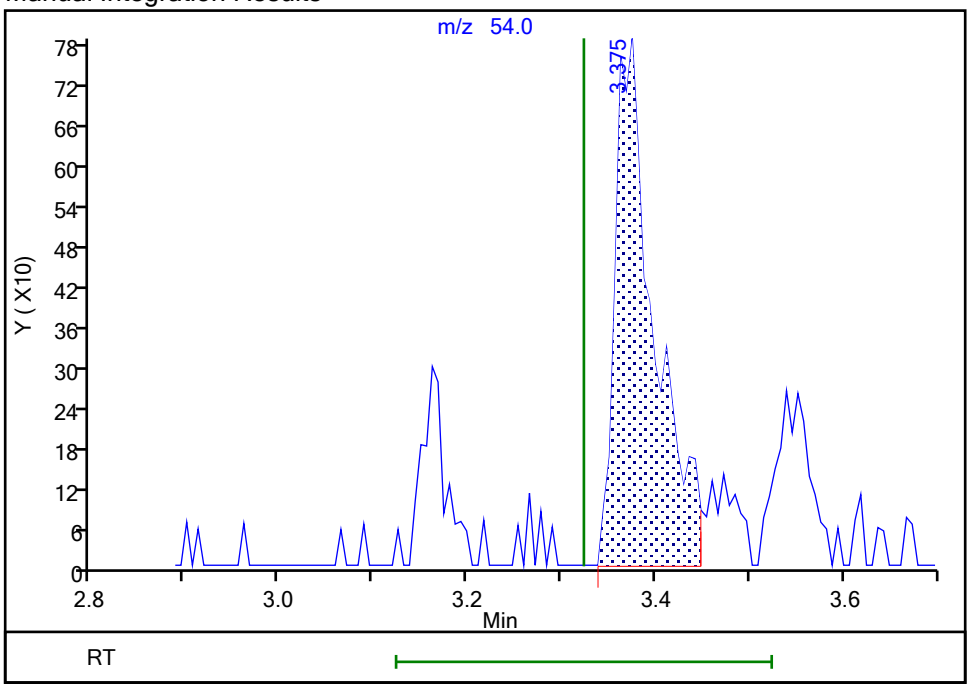
Processing Integration Results

RT: 3.16
Area: 466
Amount: 10.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 2245
Amount: 8.306016
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:45:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

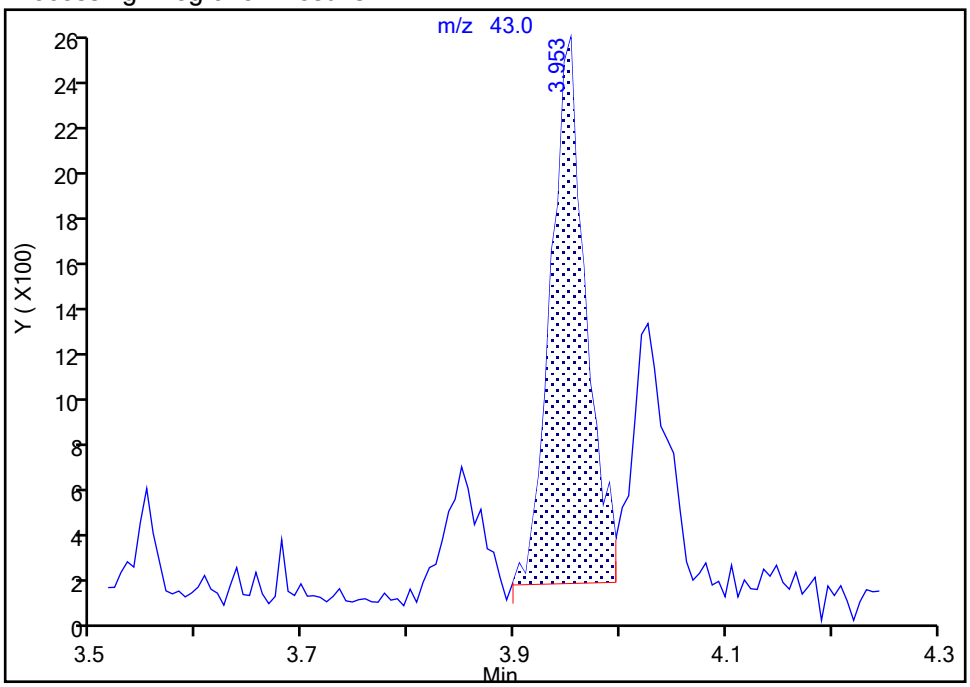
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

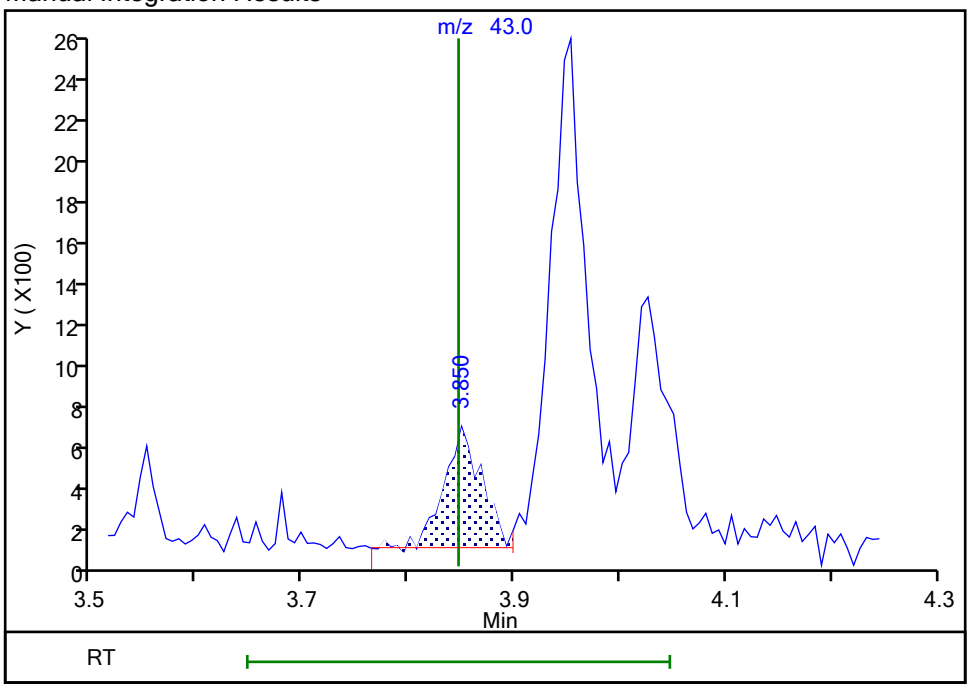
Processing Integration Results

RT: 3.95
Area: 5416
Amount: 37.456488
Amount Units: ug/l



Manual Integration Results

RT: 3.85
Area: 1463
Amount: 10.115862
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 22:08:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

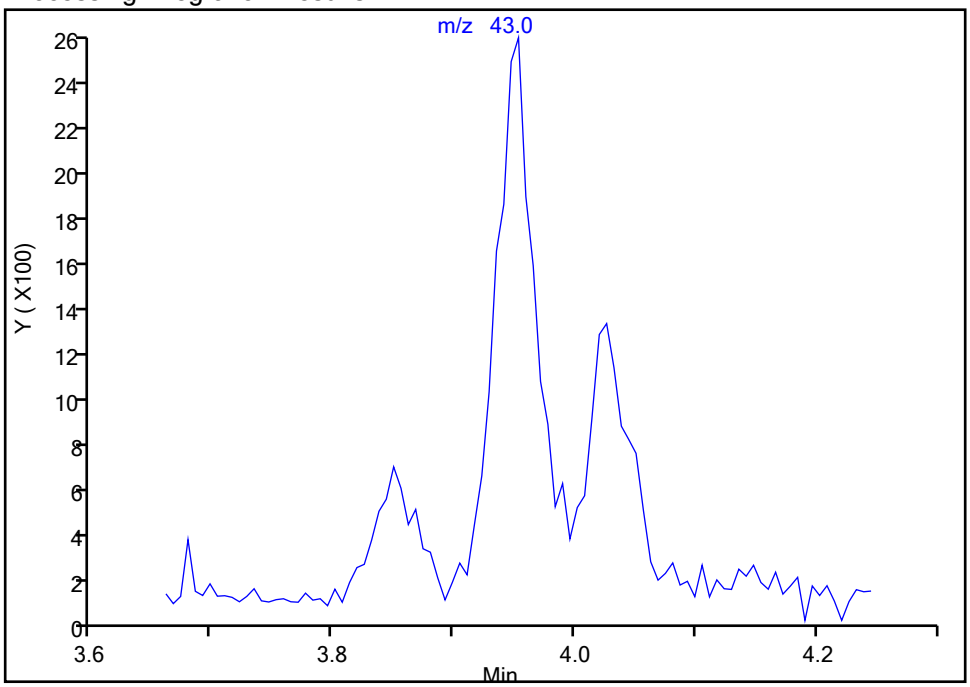
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isopropyl acetate, CAS: 108-21-4

Signal: 1

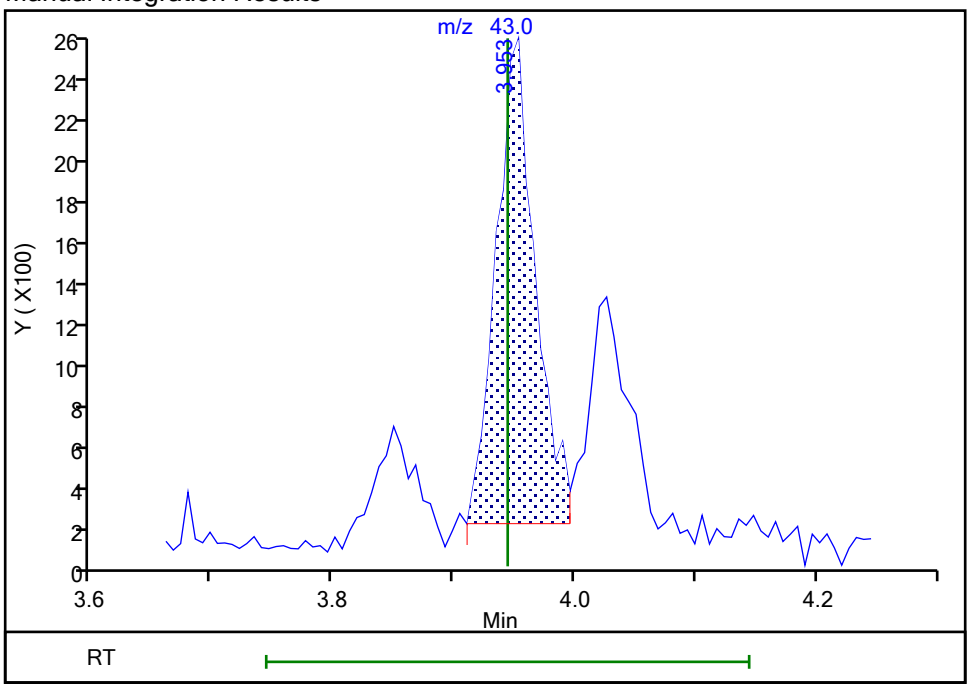
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.95
Area: 5183
Amount: 0.917504
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:45:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

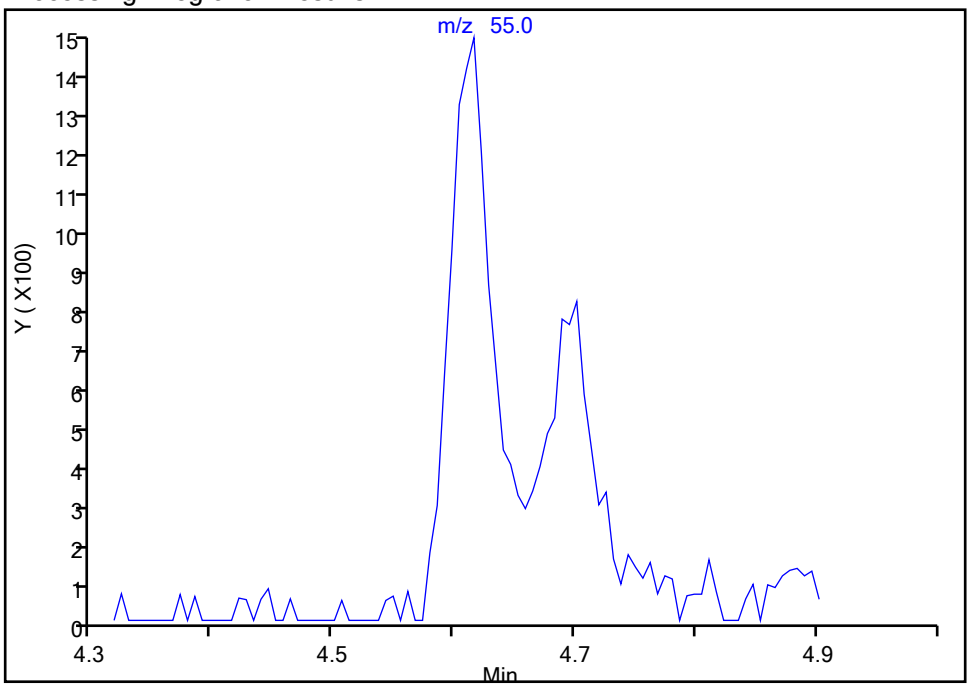
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

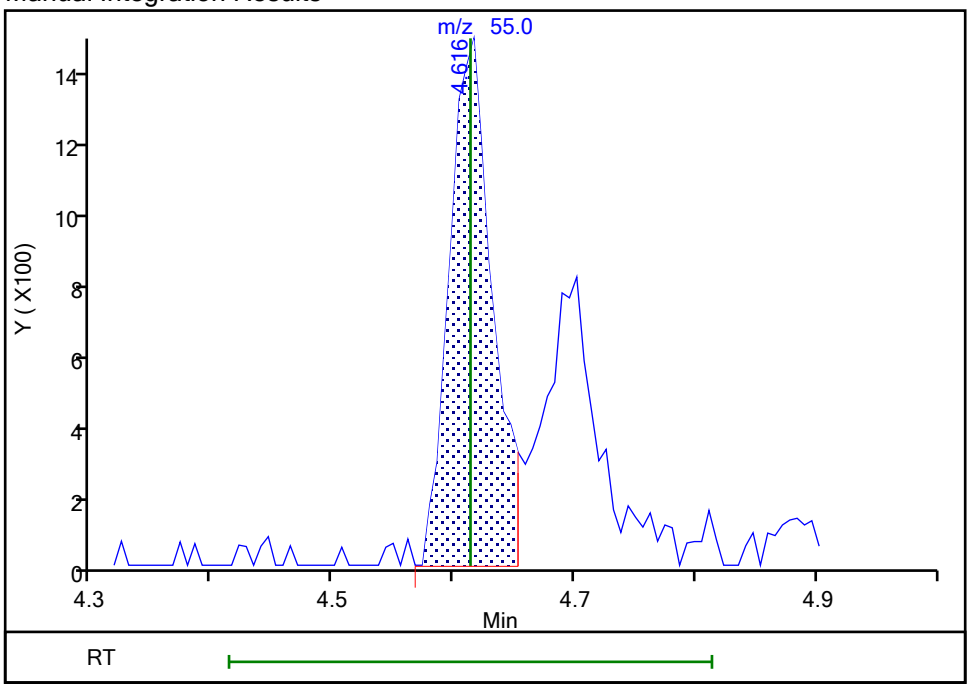
Not Detected
Expected RT: 4.61

Processing Integration Results



Manual Integration Results

RT: 4.62
Area: 3697
Amount: 0.746227
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:45:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

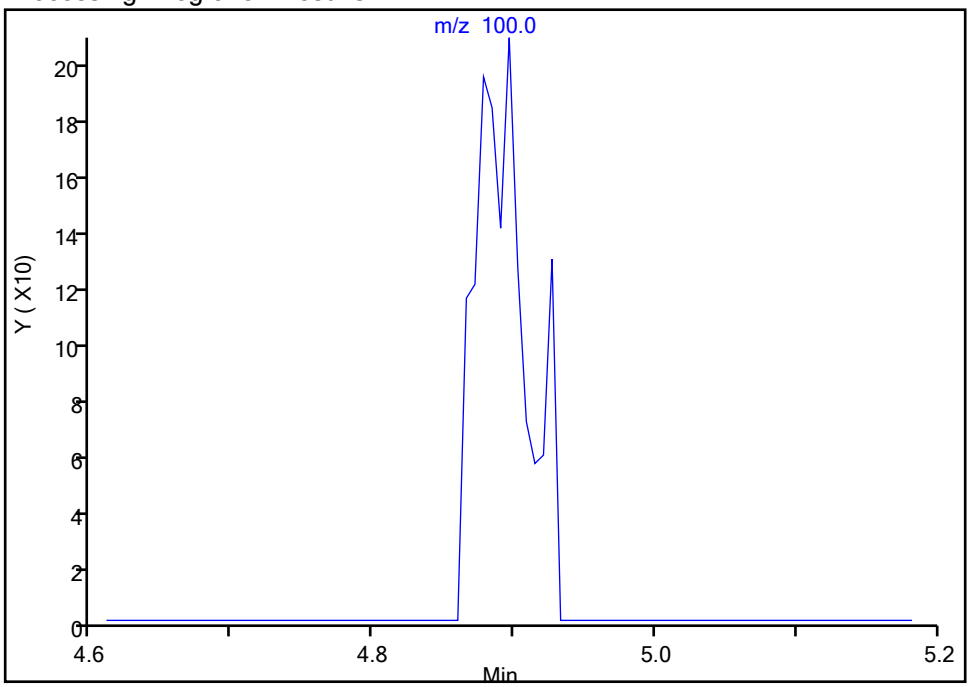
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methyl methacrylate, CAS: 80-62-6

Signal: 1

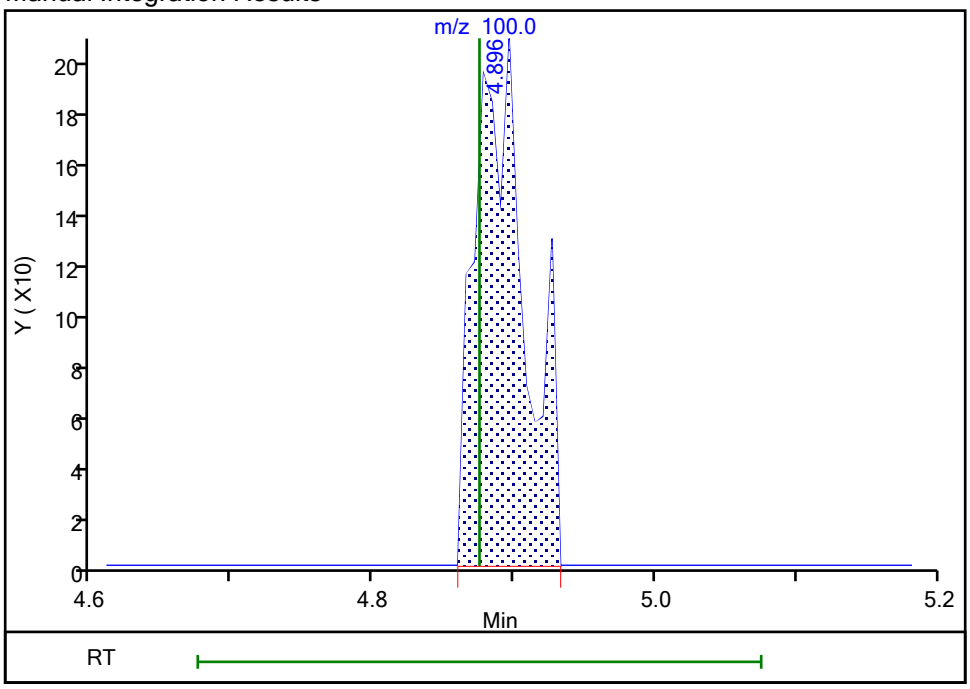
Not Detected
Expected RT: 4.88

Processing Integration Results



Manual Integration Results

RT: 4.90
Area: 511
Amount: 1.615773
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:45:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

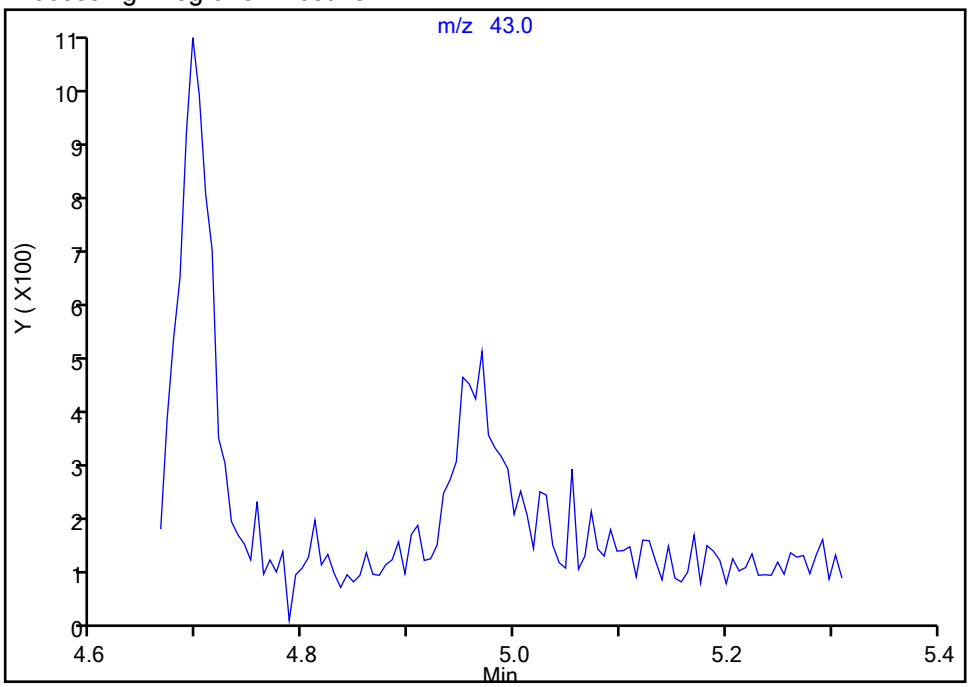
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

Signal: 1

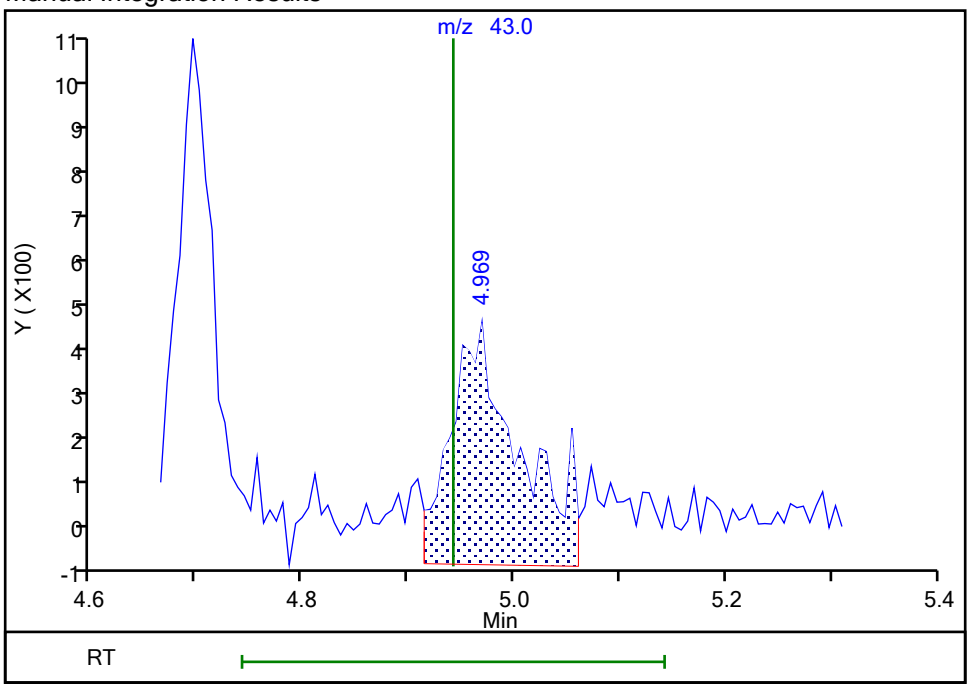
Not Detected
Expected RT: 4.94

Processing Integration Results



Manual Integration Results

RT: 4.97
Area: 2205
Amount: 1.057409
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 22:10:51 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

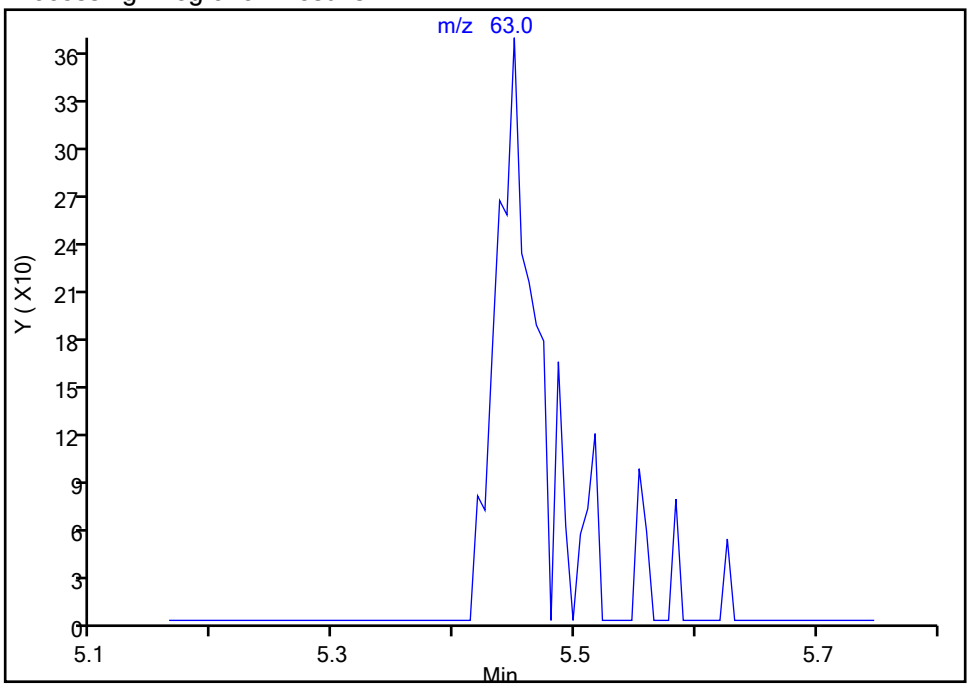
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

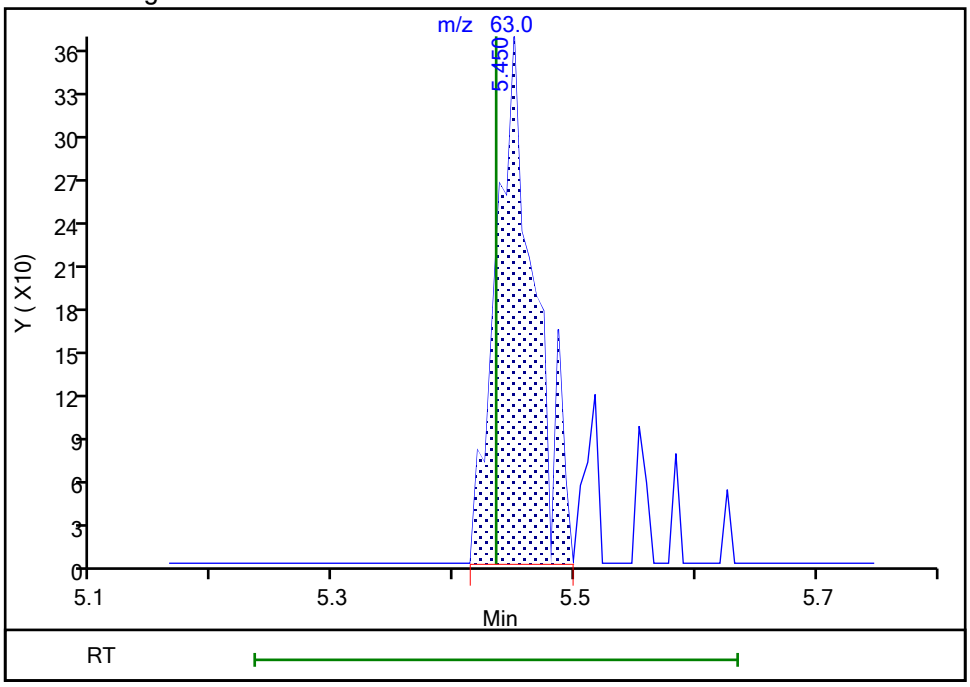
Not Detected
Expected RT: 5.43

Processing Integration Results



Manual Integration Results

RT: 5.45
Area: 811
Amount: 0.850317
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:46:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

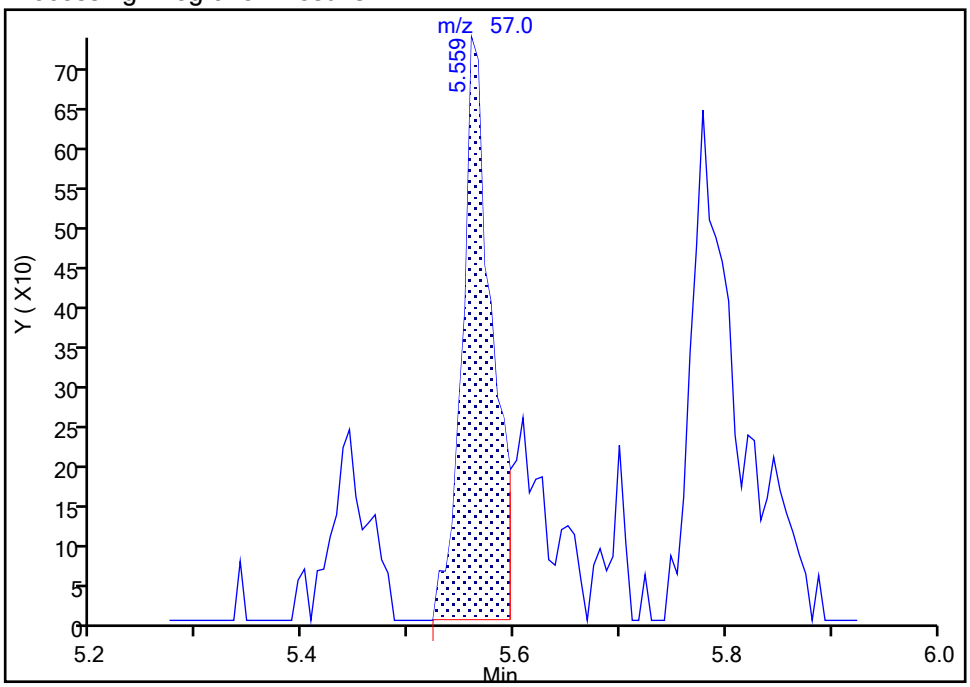
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

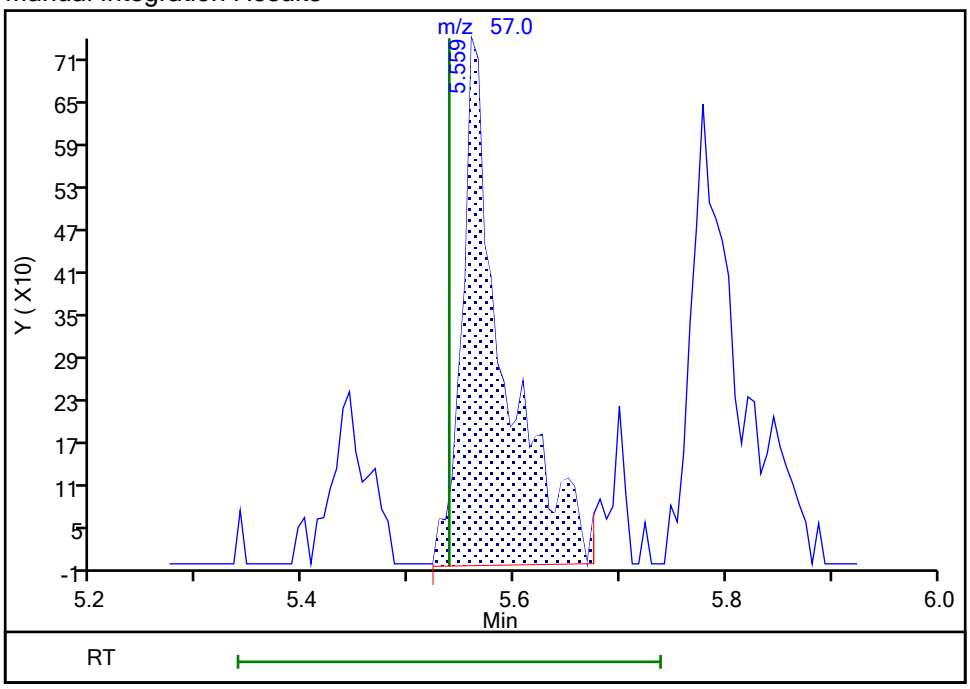
Processing Integration Results

RT: 5.56
Area: 1441
Amount: 10.557539
Amount Units: ug/l



Manual Integration Results

RT: 5.56
Area: 2033
Amount: 18.111463
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 22:11:13 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

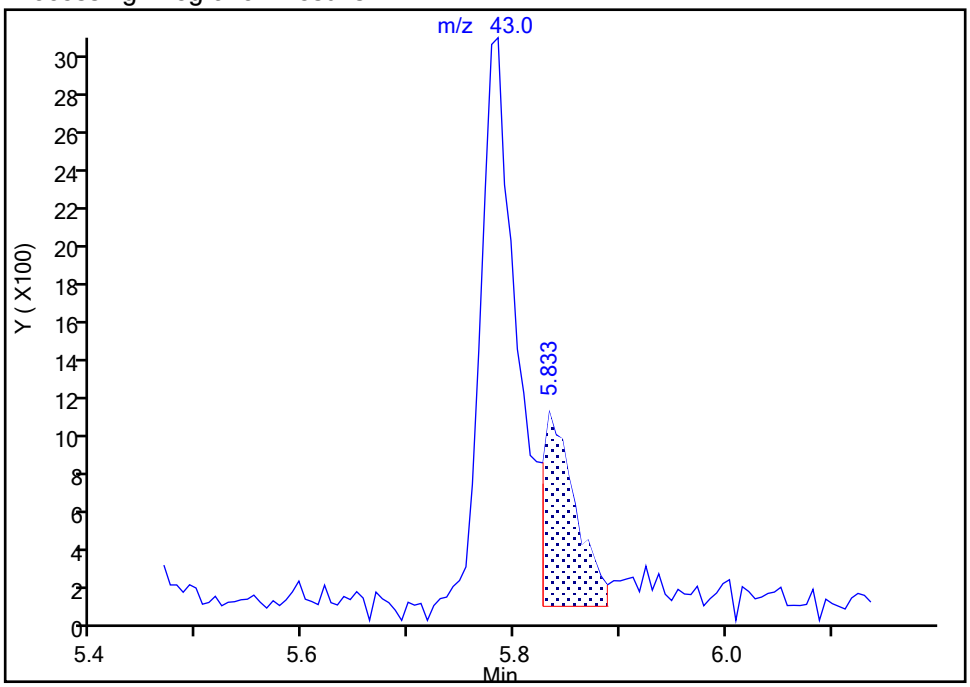
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

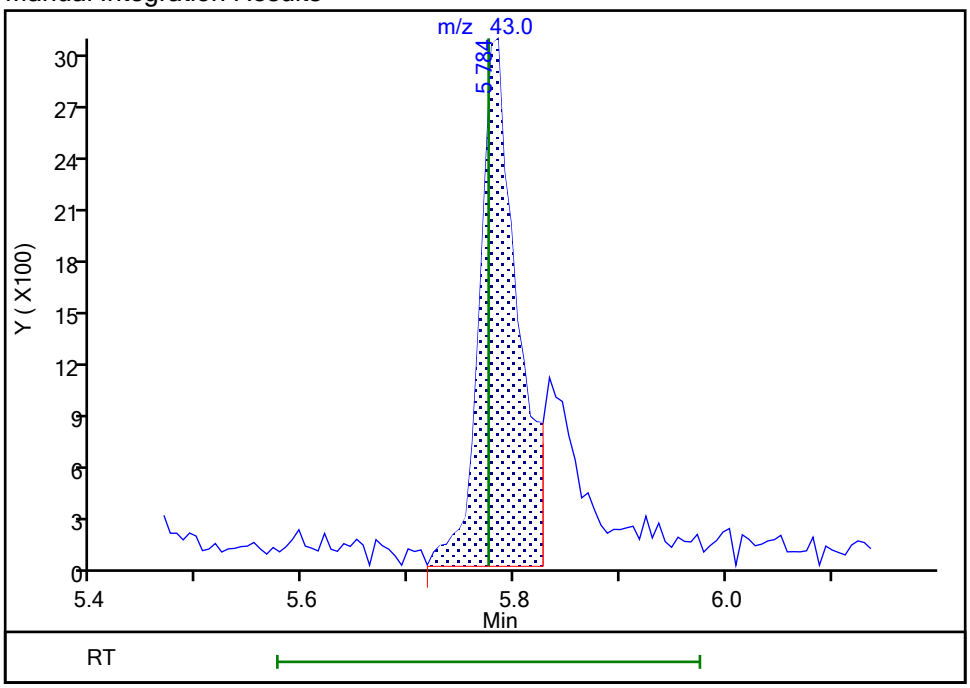
Processing Integration Results

RT: 5.83
Area: 2159
Amount: 1.039093
Amount Units: ug/l



Manual Integration Results

RT: 5.78
Area: 7539
Amount: 4.193031
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:52:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

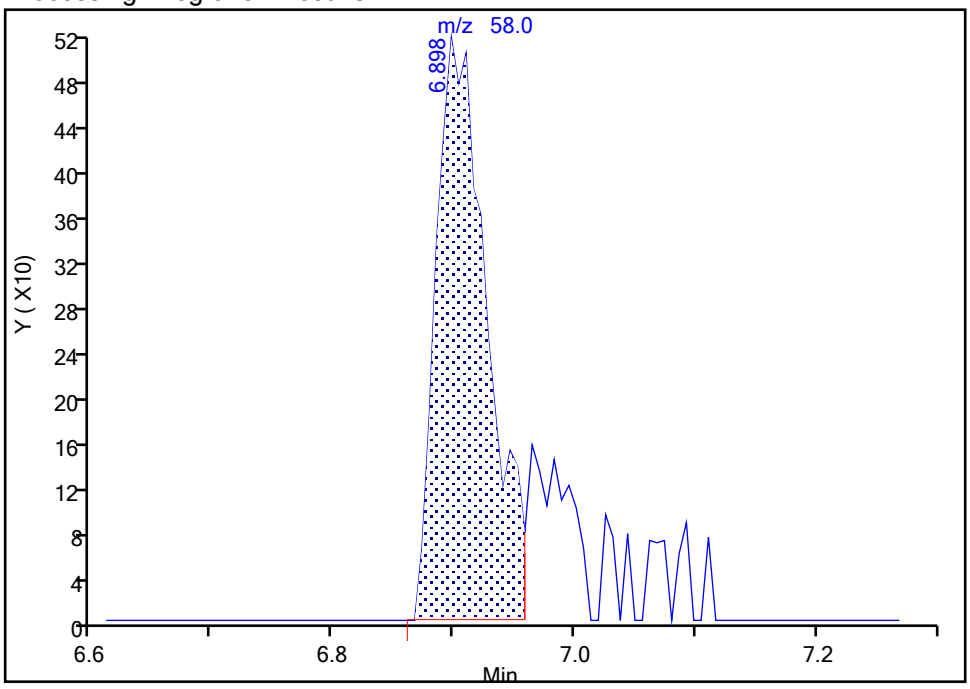
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Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 2-Hexanone, CAS: 591-78-6

Signal: 1

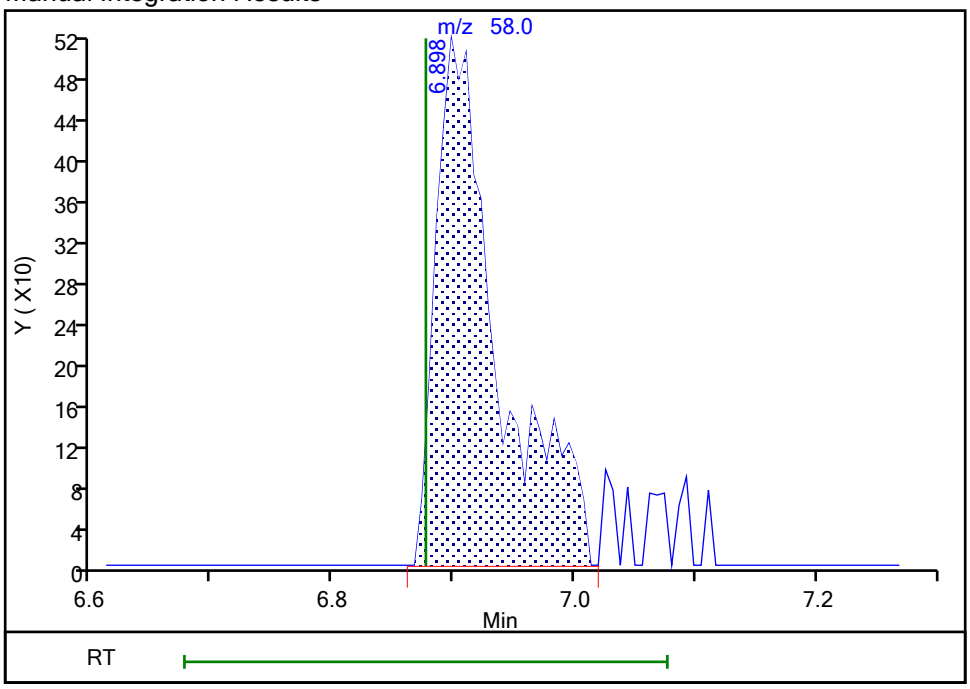
Processing Integration Results

RT: 6.90
Area: 1527
Amount: 2.526490
Amount Units: ug/l



Manual Integration Results

RT: 6.90
Area: 1865
Amount: 3.731695
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 10:58:39 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

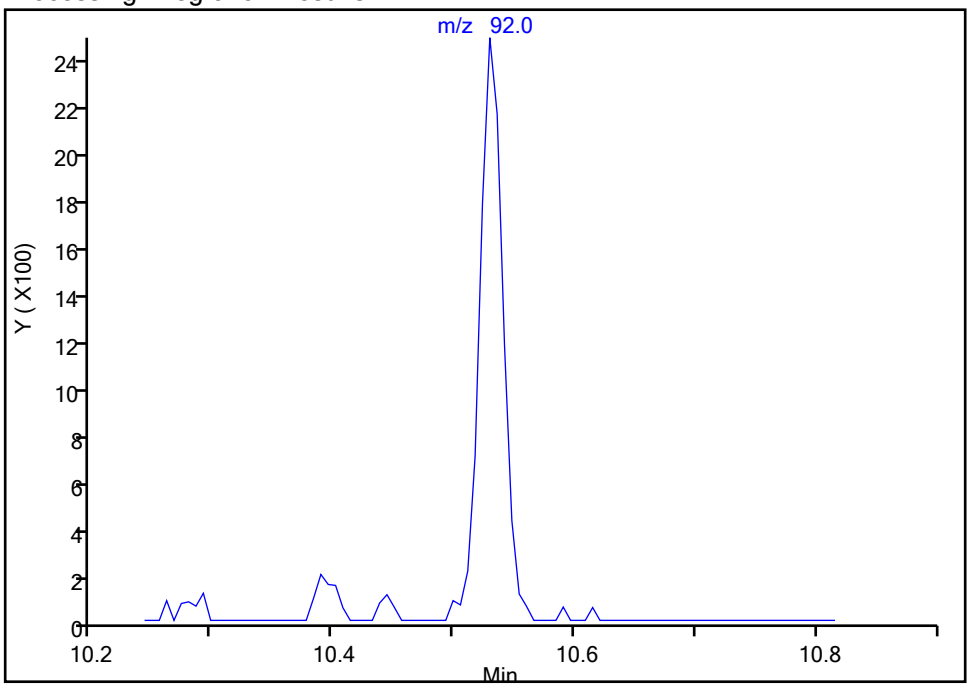
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Signal: 1

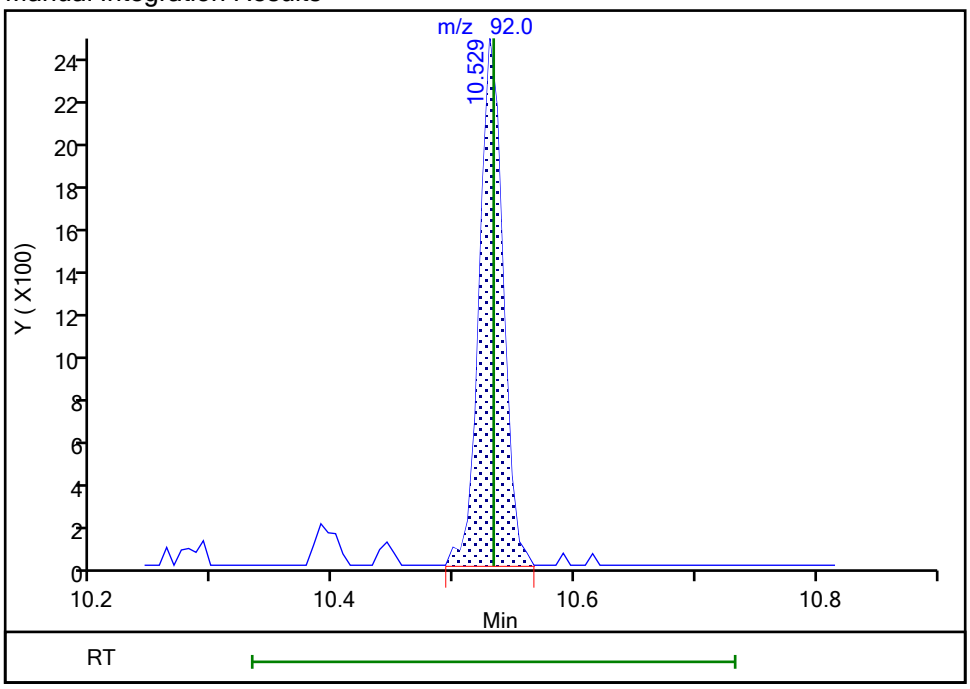
Not Detected
Expected RT: 10.53

Processing Integration Results



Manual Integration Results

RT: 10.53
Area: 3331
Amount: 0.880994
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 18:43:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

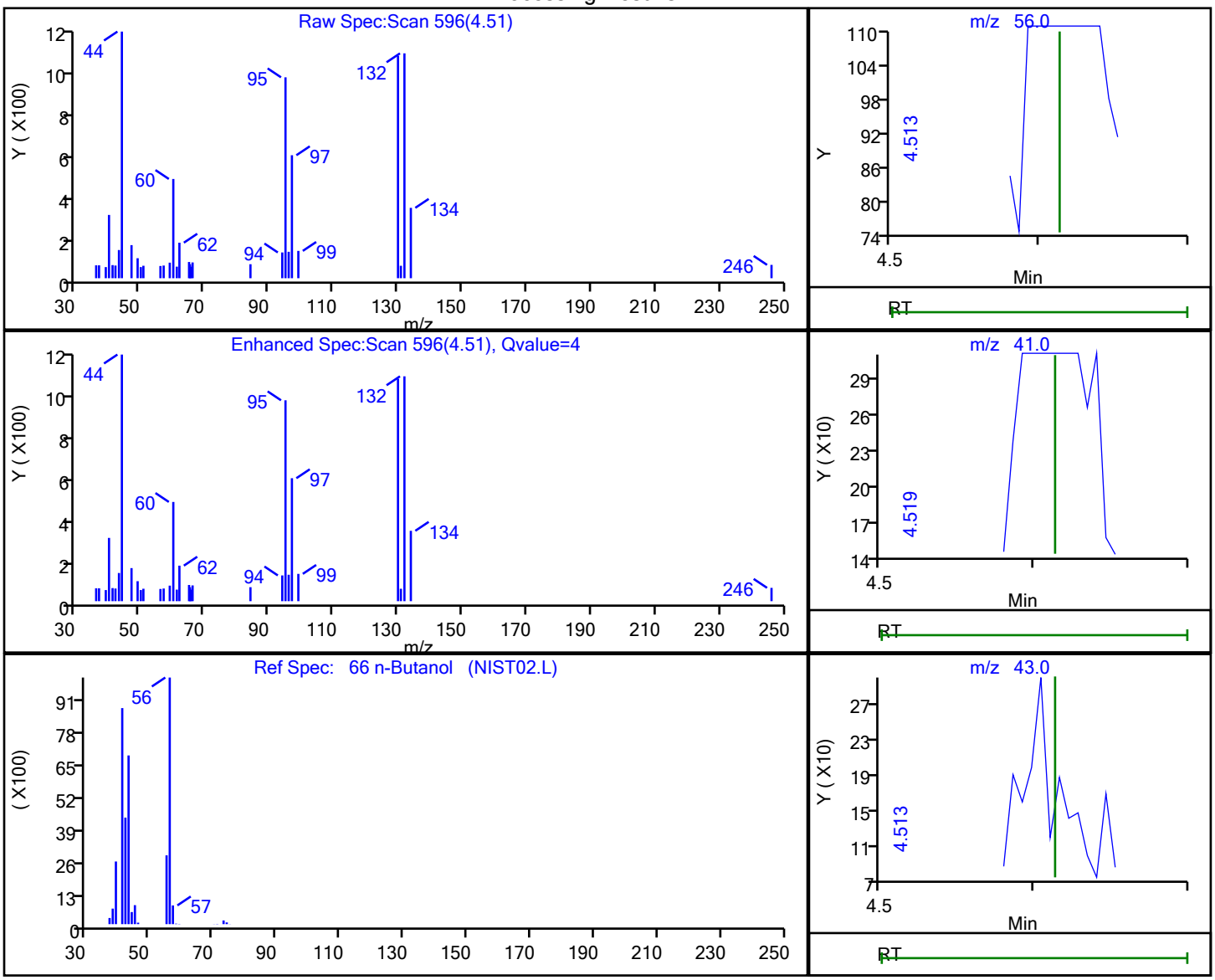
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13299.D
Injection Date: 22-Feb-2025 18:10:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.51	56.00	20	0.286002
4.52	41.00	176	
4.51	43.00	196	

Reviewer: NN6A, 23-Feb-2025 10:58:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:17:59 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Feb-2025 18:33:30 ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0187183-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:17:59 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 21:36:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.075	1.073	0.002	86	1358	5.00	4.84	
2 Dichlorodifluoromethane	85	1.094	1.097	-0.003	99	15366	5.00	3.88	
3 Chlorodifluoromethane	67	1.112	1.109	0.003	98	2800	5.00	5.19	
4 Chloromethane	50	1.221	1.219	0.002	99	22085	5.00	5.00	
5 Vinyl chloride	62	1.282	1.280	0.002	97	15174	5.00	4.60	
6 Butadiene	54	1.282	1.286	-0.004	97	14092	5.00	4.84	
7 Bromomethane	94	1.483	1.480	0.003	99	12872	5.00	5.54	
8 Chloroethane	64	1.519	1.523	-0.004	98	9084	5.00	5.16	
10 Trichlorofluoromethane	101	1.647	1.645	0.002	54	15820	5.00	4.57	
9 Dichlorofluoromethane	67	1.641	1.645	-0.004	98	28486	5.00	5.07	
11 Pentane	43	1.672	1.675	-0.003	95	42732	10.0	9.30	
12 Ethanol	46	1.775	1.772	0.003	92	1121	200.0	175.5	
13 Ethyl ether	59	1.805	1.809	-0.004	93	11254	5.00	5.45	
14 2-Methyl-1,3-butadiene	53	1.824	1.821	0.003	99	13149	5.00	4.74	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.836	1.839	-0.003	96	10394	5.00	4.59	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.878	1.876	0.002	96	18996	5.00	4.69	a
18 Acrolein	56	1.933	1.931	0.002	98	9684	20.0	22.7	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.933	1.937	-0.004	86	11987	5.00	4.59	
19 1,1-Dichloroethene	96	1.957	1.961	-0.004	94	16039	5.00	5.02	
20 Acetone	43	2.024	2.022	0.002	85	18400	25.0	27.6	
21 Iodomethane	142	2.073	2.071	0.002	99	34513	5.00	5.29	
22 Isopropyl alcohol	45	2.085	2.083	0.002	97	4733	50.0	53.7	a
23 Carbon disulfide	76	2.097	2.101	-0.004	99	62967	5.00	5.02	
24 3-Chloro-1-propene	76	2.195	2.192	0.003	94	9737	5.00	4.53	
25 Methyl acetate	43	2.201	2.198	0.003	99	18128	10.0	10.6	
26 Cyclopentene	67	2.207	2.210	-0.003	93	42664	5.00	4.61	
27 Acetonitrile	41	2.243	2.241	0.002	94	18335	50.0	54.9	
* 28 TBA-d9 (IS)	65	2.280	2.277	0.003	90	140145	1000.0	1000.0	
29 Methylene Chloride	84	2.286	2.290	-0.004	98	20518	5.00	5.28	
30 2-Methyl-2-propanol	59	2.335	2.332	0.003	99	6948	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.408	2.411	-0.003	97	40056	5.00	5.14	
32 trans-1,2-Dichloroethene	96	2.438	2.436	0.002	98	17470	5.00	5.17	
33 Acrylonitrile	53	2.493	2.490	0.003	94	49281	50.0	56.9	
34 Hexane	57	2.554	2.551	0.003	93	14137	5.00	4.60	
35 Isopropyl ether	45	2.724	2.722	0.002	99	52763	5.00	5.14	
36 1,1-Dichloroethane	63	2.754	2.752	0.002	99	32821	5.00	5.30	
37 Vinyl acetate	43	2.767	2.764	0.003	100	42685	10.0	9.94	
38 2-Chloro-1,3-butadiene	88	2.791	2.788	0.003	92	13094	5.00	4.85	
39 Tert-butyl ethyl ether	59	2.986	2.983	0.003	87	46648	5.00	5.05	
* 40 2-Butanone-d5	46	3.162	3.160	0.002	91	190069	250.0	250.0	
41 2,2-Dichloropropane	79	3.168	3.166	0.002	83	6938	5.00	5.05	
42 cis-1,2-Dichloroethene	96	3.192	3.190	0.002	94	18409	5.00	5.33	Ma
43 2-Butanone (MEK)	72	3.217	3.208	0.009	95	4067	25.0	23.0	
44 Ethyl acetate	70	3.211	3.208	0.003	92	1438	10.0	8.36	
45 Methyl acrylate	55	3.265	3.263	0.002	98	7341	5.00	4.77	
46 Propionitrile	54	3.338	3.324	0.014	96	13297	50.0	52.4	
47 Chlorobromomethane	128	3.393	3.391	0.002	94	8535	5.00	5.11	
48 Tetrahydrofuran	72	3.405	3.397	0.008	29	2138	10.0	10.2	
49 Methacrylonitrile	67	3.418	3.409	0.009	95	39880	50.0	49.6	
50 Chloroform	83	3.436	3.439	-0.003	98	28908	5.00	5.22	
51 Cyclohexane	84	3.551	3.549	0.002	96	16800	5.00	4.51	
52 1,1,1-Trichloroethane	97	3.564	3.561	0.003	96	20430	5.00	4.80	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.579	0.003	96	126458	50.0	52.9	
54 Carbon tetrachloride	117	3.673	3.671	0.002	97	15291	5.00	4.48	
55 1,1-Dichloropropene	75	3.703	3.701	0.002	96	18769	5.00	4.82	
56 Isobutyl alcohol	43	3.849	3.847	0.002	33	7817	125.0	57.6	a
57 Isooctane	57	3.856	3.853	0.003	98	35357	5.00	4.42	
58 Benzene	78	3.880	3.883	-0.003	96	55273	5.00	5.43	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.898	3.902	-0.004	0	123590	50.0	52.6	
60 Isopropyl acetate	43	3.947	3.944	0.003	84	25130	5.00	4.36	
61 Tert-amyl methyl ether	55	3.947	3.944	0.003	88	12411	5.00	5.52	
62 1,2-Dichloroethane	62	3.971	3.969	0.002	96	18869	5.00	5.08	
63 n-Heptane	57	4.026	4.029	-0.003	97	5080	5.00	4.41	
* 64 Fluorobenzene	96	4.154	4.157	-0.003	98	478389	50.0	50.0	
65 Trichloroethene	95	4.500	4.498	0.002	96	14053	5.00	4.81	
67 Methylcyclohexane	83	4.616	4.613	0.003	96	18853	5.00	4.49	
68 Ethyl acrylate	55	4.610	4.613	-0.003	76	21436	5.00	4.24	a
69 1,2-Dichloropropane	63	4.780	4.778	0.002	89	13073	5.00	4.82	
* 70 1,4-Dioxane-d8	96	4.859	4.857	0.002	0	14433	1000.0	1000.0	
71 Methyl methacrylate	100	4.878	4.875	0.003	93	2689	10.0	8.33	
72 Dibromomethane	93	4.914	4.912	0.002	95	8547	5.00	4.91	
73 1,4-Dioxane	88	4.914	4.912	0.002	30	1120	100.0	97.7	
74 n-Propyl acetate	43	4.951	4.942	0.009	97	7891	5.00	3.71	
75 Dichlorobromomethane	83	5.078	5.076	0.002	98	13954	5.00	4.47	
76 2-Nitropropane	41	5.425	5.423	0.002	96	2508	10.0	7.81	
77 2-Chloroethyl vinyl ether	63	5.443	5.435	0.008	96	3947	5.01	4.05	
78 Epichlorohydrin	57	5.547	5.538	0.009	98	10680	100.0	89.4	
79 cis-1,3-Dichloropropene	75	5.595	5.593	0.002	92	15535	5.00	5.14	
80 4-Methyl-2-pentanone (MIBK)	43	5.778	5.775	0.003	97	43092	25.0	25.1	
$ 81 Toluene-d8 (Surr)	98	5.839	5.842	-0.003	98	301804	50.0	55.4	
82 Toluene	91	5.924	5.921	0.003	94	40502	5.00	5.25	
83 trans-1,3-Dichloropropene	75	6.325	6.329	-0.004	97	9625	5.00	4.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.374	6.372	0.002	93	7147	5.00	4.23	
85 1,1,2-Trichloroethane	83	6.557	6.548	0.009	95	6897	5.00	5.26	
86 Tetrachloroethene	166	6.587	6.585	0.003	93	9163	5.00	4.79	
87 1,3-Dichloropropane	76	6.782	6.779	0.003	96	11210	5.00	5.20	
88 2-Hexanone	58	6.885	6.877	0.009	99	11047	25.0	23.2	
89 n-Butyl acetate	43	7.031	7.023	0.009	92	9386	5.00	4.55	
90 Chlorodibromomethane	129	7.037	7.035	0.002	97	6741	5.00	4.44	
91 Ethylene Dibromide	107	7.195	7.187	0.008	97	7392	5.00	5.27	
* 92 Chlorobenzene-d5	117	7.804	7.801	0.003	88	227006	50.0	50.0	
93 Chlorobenzene	112	7.840	7.838	0.002	94	23047	5.00	5.21	
94 Ethylbenzene	106	7.950	7.947	0.003	99	11100	5.00	4.91	
95 1,1,1,2-Tetrachloroethane	131	7.968	7.972	-0.004	91	9312	5.00	5.06	
96 m-Xylene & p-Xylene	106	8.114	8.111	0.003	0	13828	5.00	5.02	
97 o-Xylene	106	8.576	8.580	-0.004	94	16920	5.00	5.36	
98 n-Butyl acrylate	73	8.607	8.604	0.003	94	5403	5.00	4.71	
99 Styrene	104	8.619	8.616	0.003	95	19438	5.00	4.86	
100 Bromoform	173	8.832	8.835	-0.003	94	3342	5.00	4.46	
101 Amyl acetate (mixed isomers)	43	8.862	8.860	0.002	88	17995	5.00	4.68	
102 Isopropylbenzene	105	8.972	8.969	0.003	96	37957	5.00	5.27	
$ 103 4-Bromofluorobenzene	174	9.172	9.176	-0.004	89	73660	50.0	54.4	
104 Bromobenzene	156	9.300	9.298	0.002	96	9953	5.00	4.60	
105 1,1,2,2-Tetrachloroethane	83	9.379	9.377	0.002	98	10378	5.00	4.67	
106 N-Propylbenzene	91	9.391	9.389	0.002	98	42436	5.00	4.45	
107 1,2,3-Trichloropropane	110	9.410	9.413	-0.003	96	2306	5.00	4.82	
108 trans-1,4-Dichloro-2-butene	53	9.446	9.444	0.002	72	1542	5.00	4.17	
109 2-Chlorotoluene	91	9.483	9.486	-0.003	97	34495	5.00	4.72	
110 4-Ethyltoluene	105	9.501	9.505	-0.004	98	34039	5.00	4.38	
111 1,3,5-Trimethylbenzene	105	9.574	9.571	0.003	93	35469	5.00	4.65	
112 4-Chlorotoluene	91	9.598	9.602	-0.004	98	26983	5.00	4.35	
113 Butyl Methacrylate	87	9.696	9.693	0.003	95	13851	5.00	4.45	
114 tert-Butylbenzene	119	9.854	9.851	0.003	92	27344	5.00	4.42	
115 1,2,4-Trimethylbenzene	105	9.915	9.912	0.003	98	36627	5.00	4.68	
116 sec-Butylbenzene	105	10.055	10.052	0.003	99	39291	5.00	4.37	
117 1,3-Dichlorobenzene	146	10.176	10.174	0.002	95	20173	5.00	4.89	
118 4-Isopropyltoluene	119	10.182	10.186	-0.004	97	35101	5.00	4.57	
* 119 1,4-Dichlorobenzene-d4	152	10.243	10.241	0.002	97	155362	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.261	10.259	0.002	95	21738	5.00	5.05	
121 1,2,3-Trimethylbenzene	105	10.286	10.283	0.003	99	44325	5.00	4.93	
122 Benzyl chloride	91	10.395	10.393	0.002	97	12325	5.00	4.14	
123 2,3-Dihydroindene	117	10.444	10.448	-0.004	94	37726	5.00	4.89	
124 p-Diethylbenzene	119	10.511	10.508	0.003	92	21131	5.00	4.66	
125 n-Butylbenzene	92	10.529	10.533	-0.004	97	16850	5.00	4.41	
126 1,2-Dichlorobenzene	146	10.578	10.575	0.003	98	22180	5.00	4.93	
127 1,2,4,5-Tetramethylbenzene	119	11.137	11.141	-0.004	97	40147	5.00	4.71	
128 1,2-Dibromo-3-Chloropropane	157	11.217	11.220	-0.003	89	2091	5.00	4.36	
129 1,3,5-Trichlorobenzene	180	11.332	11.330	0.002	97	18909	5.00	4.98	
130 1,2,4-Trichlorobenzene	180	11.807	11.804	0.003	94	17301	5.00	4.84	
131 Hexachlorobutadiene	225	11.892	11.889	0.003	92	5568	5.00	4.77	
132 Naphthalene	128	11.989	11.987	0.002	99	43226	5.00	4.91	
133 1,2,3-Trichlorobenzene	180	12.166	12.163	0.003	96	15922	5.00	4.94	
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 135 Xylenes, Total	100				0		10.0	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		25.0	26.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	10.00	Units: uL	
524FREONS_00031	Amount Added:	10.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
GASES Li_00628	Amount Added:	10.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:18:00 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D

Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8 Operator ID:

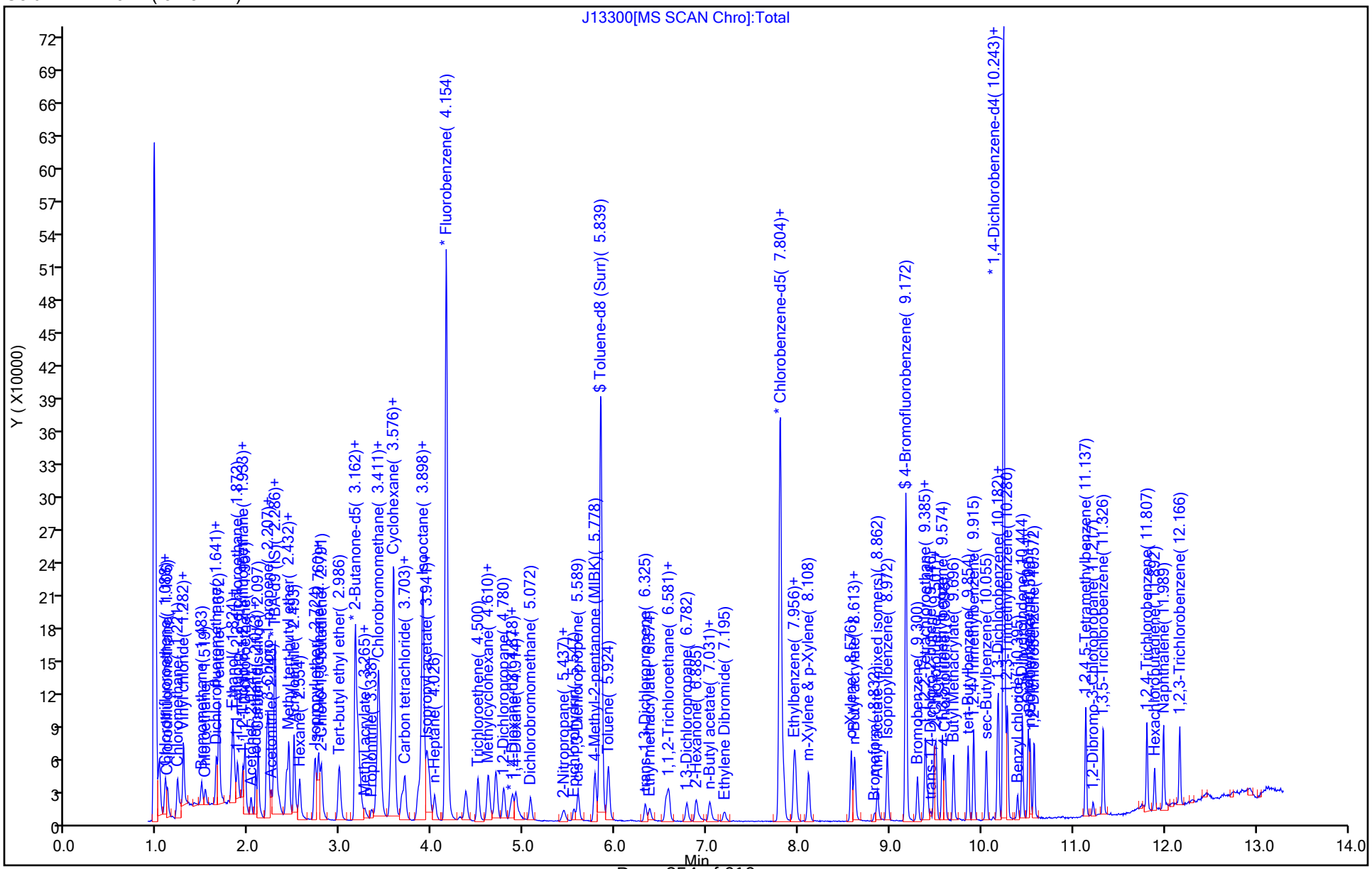
Lims ID: STD5 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

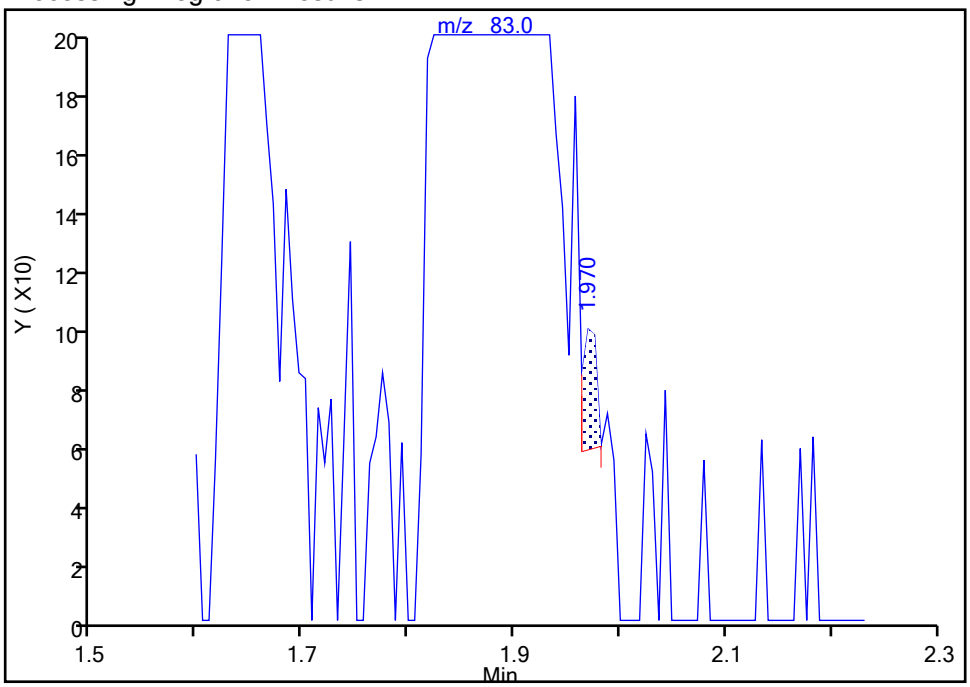
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

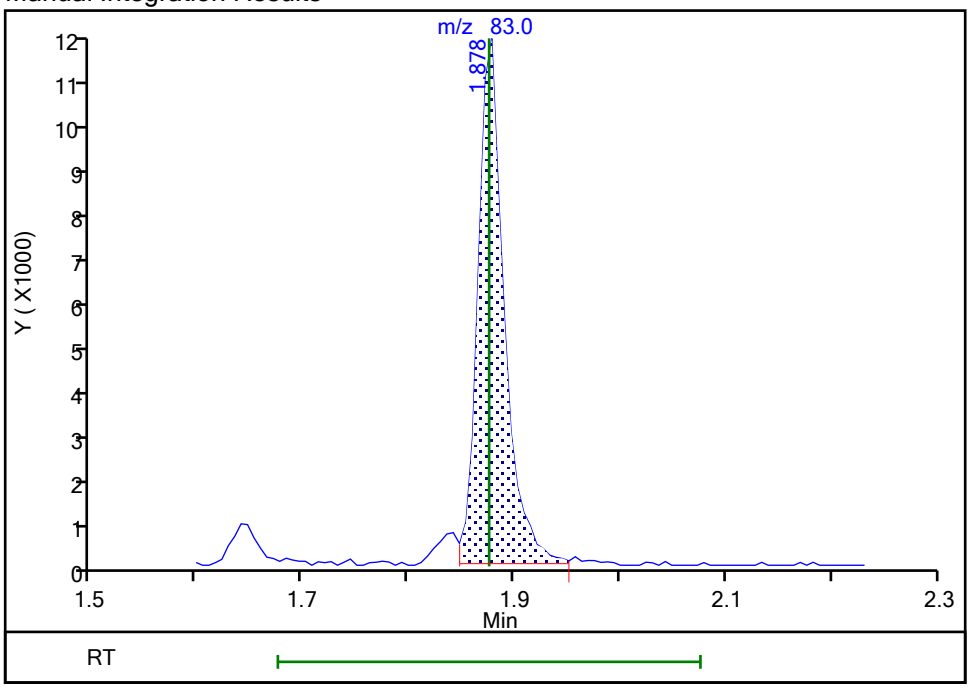
Processing Integration Results

RT: 1.97
Area: 39
Amount: 0.042251
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 18996
Amount: 4.685408
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:36:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

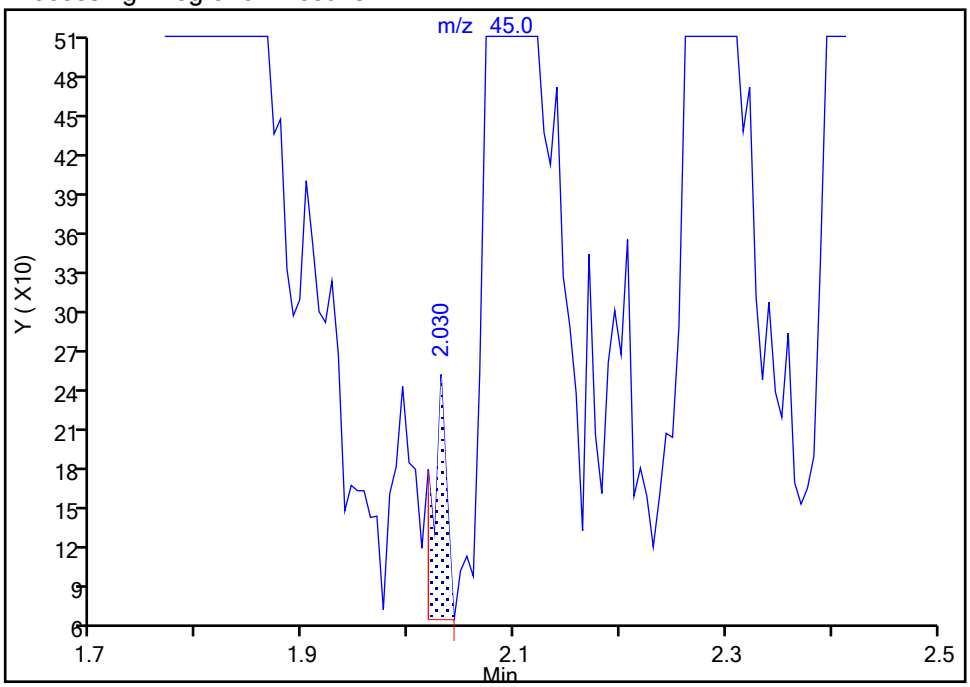
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

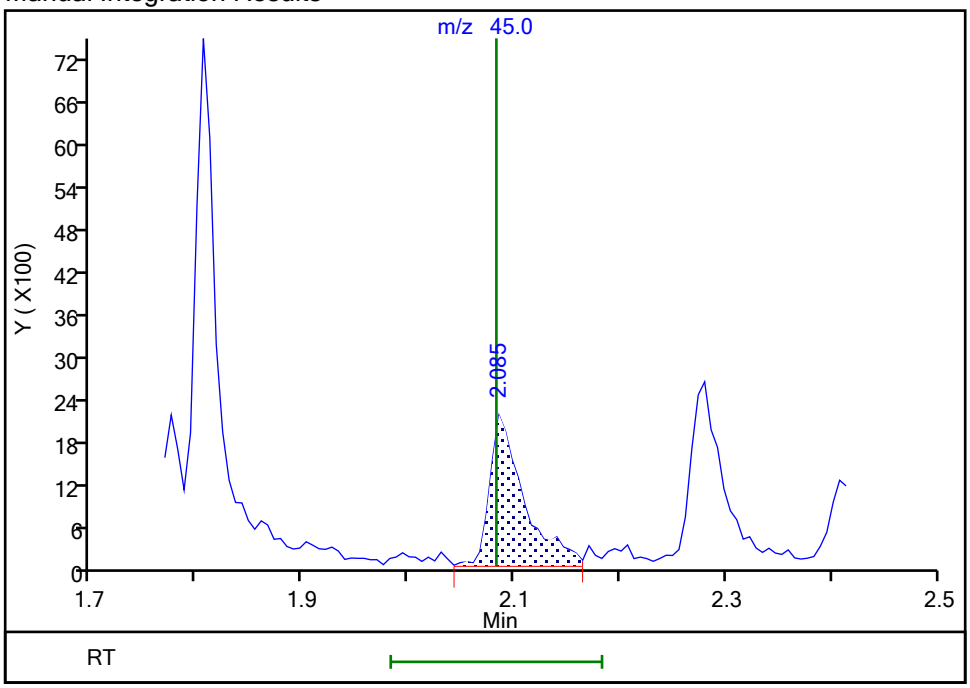
Processing Integration Results

RT: 2.03
Area: 163
Amount: 2.235170
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 4733
Amount: 53.687427
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:41:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

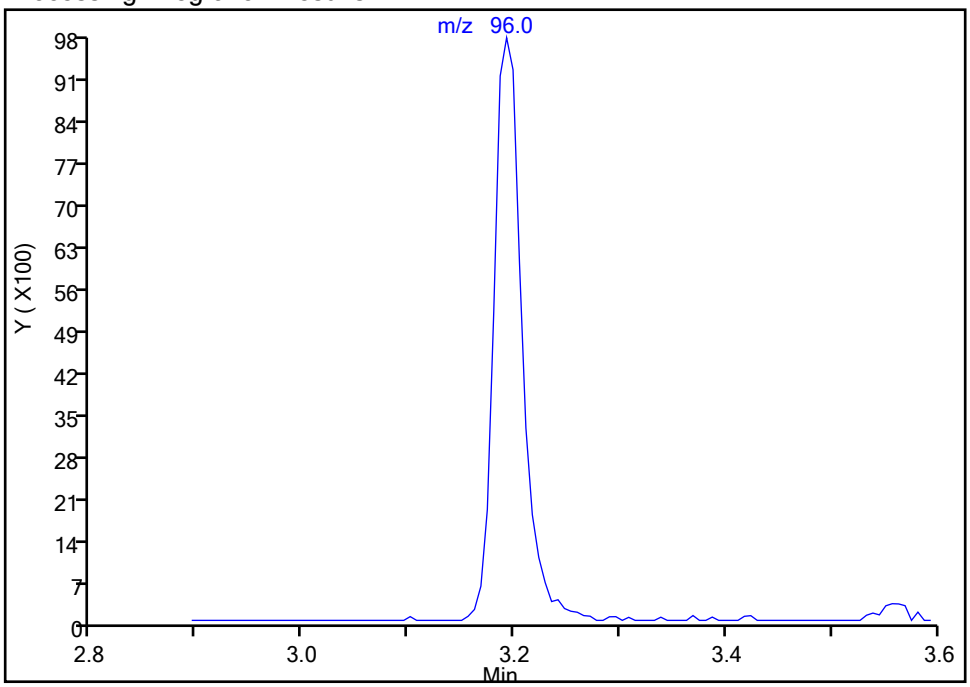
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

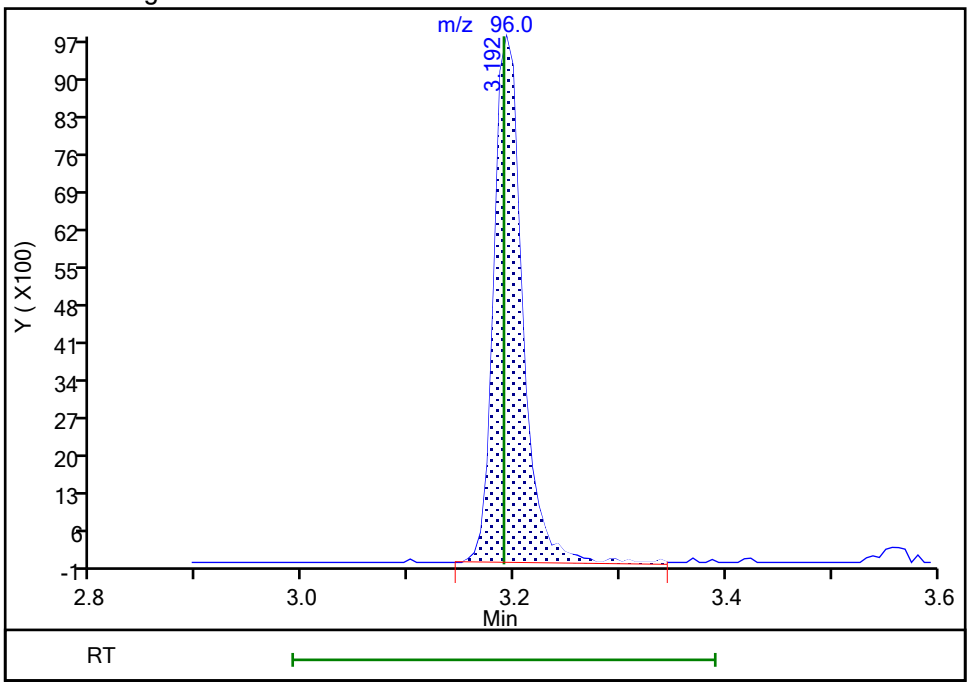
Not Detected
Expected RT: 3.19

Processing Integration Results



Manual Integration Results

RT: 3.19
Area: 18409
Amount: 5.325745
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:48:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

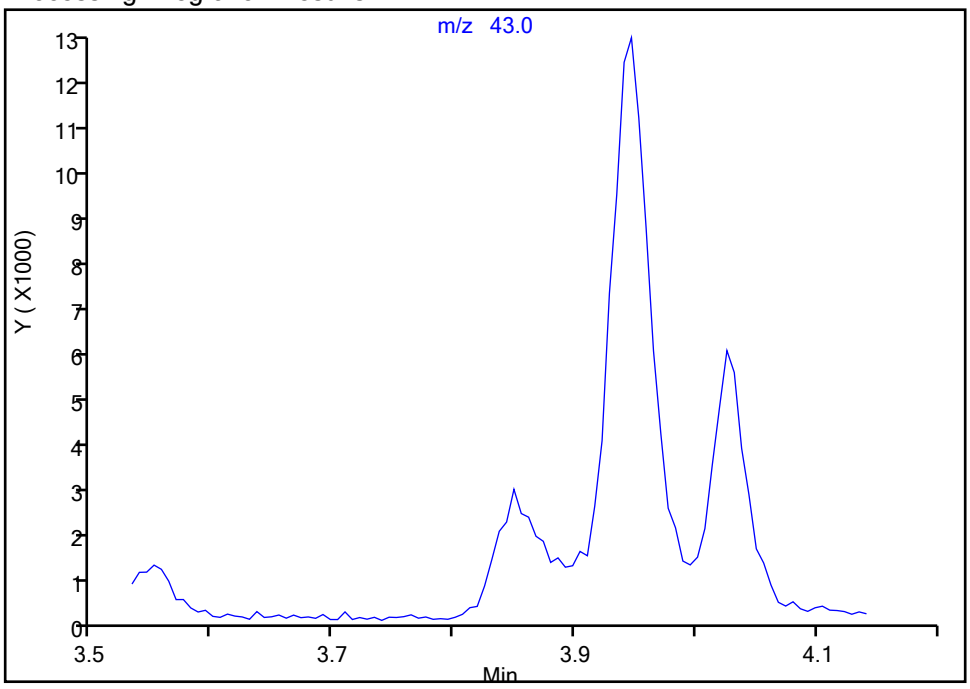
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

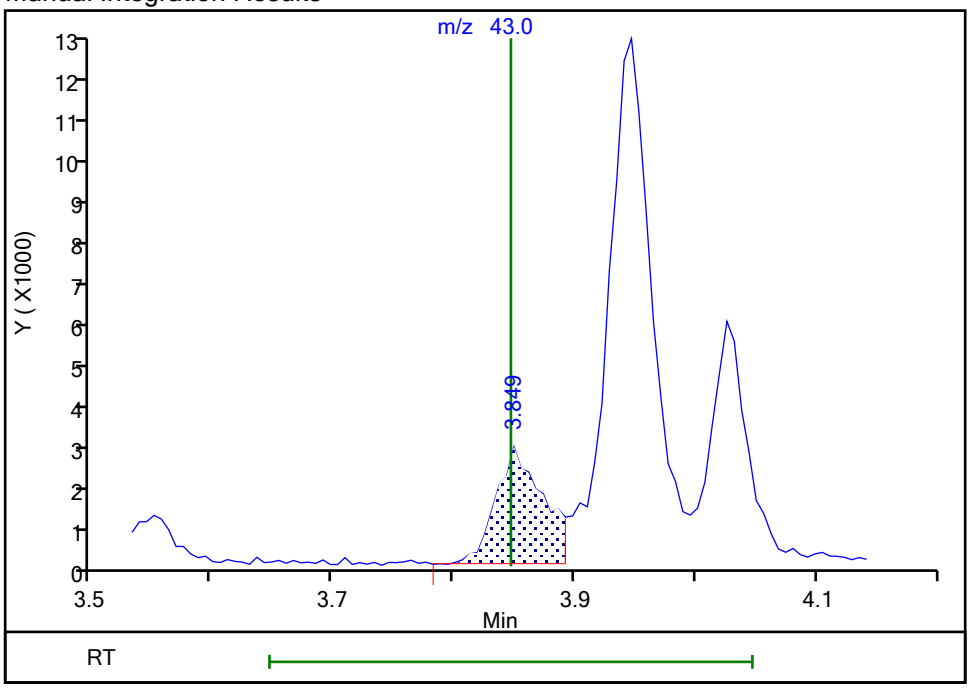
Not Detected
Expected RT: 3.85

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 7817
Amount: 57.574178
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:56:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

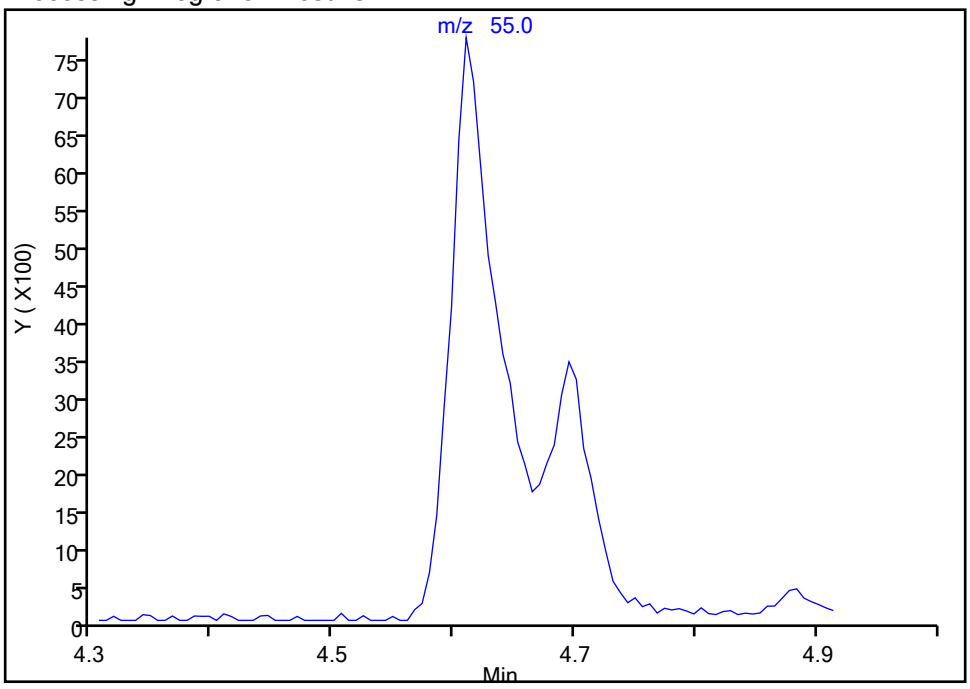
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

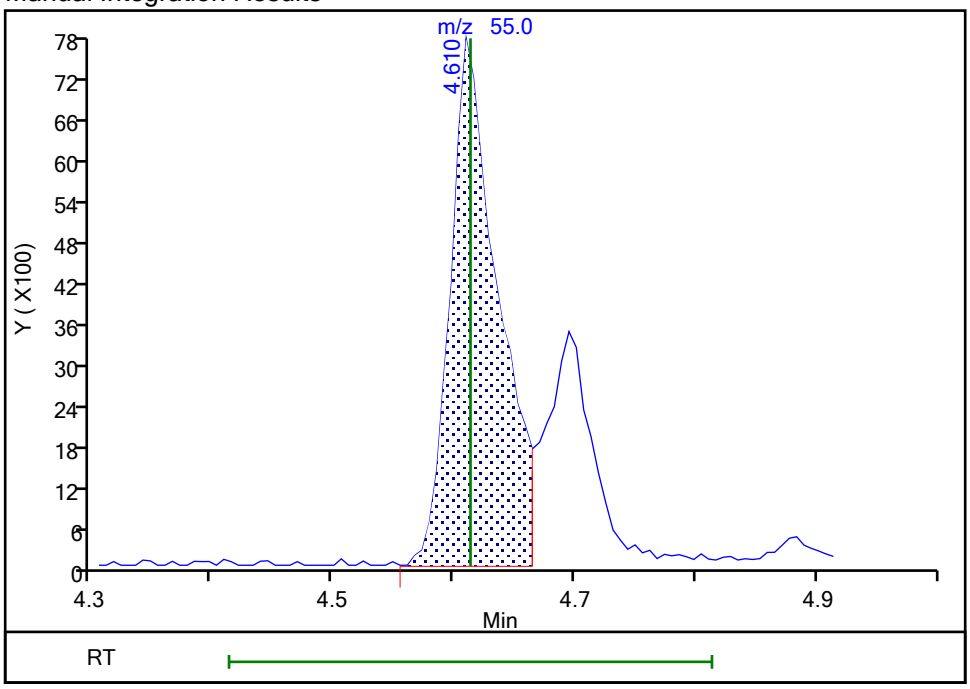
Not Detected
Expected RT: 4.61

Processing Integration Results



Manual Integration Results

RT: 4.61
Area: 21436
Amount: 4.238621
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:50:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

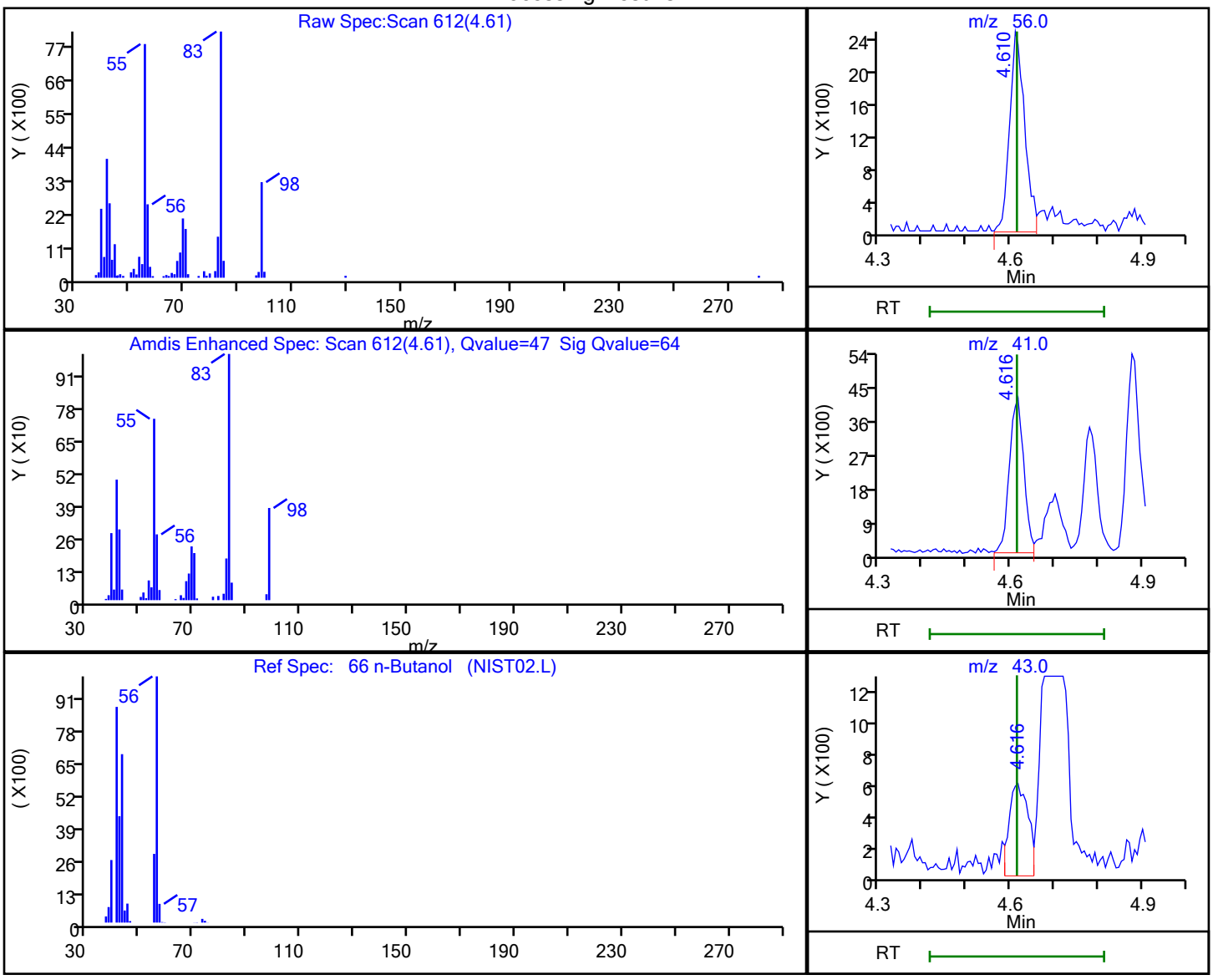
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13300.D
Injection Date: 22-Feb-2025 18:33:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.61	56.00	5821	282.6529
4.62	41.00	9521	
4.62	43.00	1598	

Reviewer: NN6A, 23-Feb-2025 10:59:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 23-Feb-2025 11:18:06 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-Feb-2025 18:56:30 ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0187183-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:18:05 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 21:23:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.073	1.073	0.000	90	6370	20.0	22.4	
2 Dichlorodifluoromethane	85	1.097	1.097	0.000	99	85609	20.0	21.3	
3 Chlorodifluoromethane	67	1.109	1.109	0.000	98	11380	20.0	20.8	
4 Chloromethane	50	1.219	1.219	0.000	99	90840	20.0	20.3	
5 Vinyl chloride	62	1.280	1.280	0.000	98	72307	20.0	21.6	
6 Butadiene	54	1.286	1.286	0.000	96	69287	20.0	23.5	
7 Bromomethane	94	1.480	1.480	0.000	99	50780	20.0	21.6	
8 Chloroethane	64	1.523	1.523	0.000	98	38362	20.0	21.5	
10 Trichlorofluoromethane	101	1.645	1.645	0.000	98	81424	20.0	23.2	
9 Dichlorofluoromethane	67	1.645	1.645	0.000	98	123732	20.0	21.7	
11 Pentane	43	1.675	1.675	0.000	96	226506	40.0	48.6	
12 Ethanol	46	1.772	1.772	0.000	97	6331	800.0	883.1	a
13 Ethyl ether	59	1.809	1.809	0.000	92	41377	20.0	21.9	
14 2-Methyl-1,3-butadiene	53	1.821	1.821	0.000	98	62548	20.0	22.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.839	1.839	0.000	96	52195	20.0	22.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.876	1.876	0.000	96	89867	20.0	21.9	a
18 Acrolein	56	1.931	1.931	0.000	95	20097	40.0	42.0	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.937	1.937	0.000	96	58071	20.0	21.9	
19 1,1-Dichloroethene	96	1.961	1.961	0.000	96	66290	20.0	20.5	
20 Acetone	43	2.022	2.022	0.000	85	70869	100.0	95.5	
21 Iodomethane	142	2.071	2.071	0.000	100	136459	20.0	20.6	
22 Isopropyl alcohol	45	2.083	2.083	0.000	100	19944	200.0	201.6	a
23 Carbon disulfide	76	2.101	2.101	0.000	100	269823	20.0	21.2	
24 3-Chloro-1-propene	76	2.192	2.192	0.000	95	46577	20.0	21.4	
25 Methyl acetate	43	2.198	2.198	0.000	99	78280	40.0	40.9	
26 Cyclopentene	67	2.210	2.210	0.000	95	207234	20.0	22.1	
27 Acetonitrile	41	2.241	2.241	0.000	99	75546	200.0	201.5	
* 28 TBA-d9 (IS)	65	2.277	2.277	0.000	91	157251	1000.0	1000.0	
29 Methylene Chloride	84	2.290	2.290	0.000	99	78436	20.0	19.9	
30 2-Methyl-2-propanol	59	2.332	2.332	0.000	99	32733	200.0	199.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.411	2.411	0.000	98	167132	20.0	21.1	
32 trans-1,2-Dichloroethene	96	2.436	2.436	0.000	99	72841	20.0	21.3	
33 Acrylonitrile	53	2.490	2.490	0.000	93	205892	200.0	211.9	
34 Hexane	57	2.551	2.551	0.000	93	70865	20.0	22.7	
35 Isopropyl ether	45	2.722	2.722	0.000	99	213086	20.0	20.5	
36 1,1-Dichloroethane	63	2.752	2.752	0.000	100	131165	20.0	20.9	
37 Vinyl acetate	43	2.764	2.764	0.000	100	198519	40.0	45.6	
38 2-Chloro-1,3-butadiene	88	2.788	2.788	0.000	92	57687	20.0	21.1	
39 Tert-butyl ethyl ether	59	2.983	2.983	0.000	87	192124	20.0	20.5	
* 40 2-Butanone-d5	46	3.160	3.160	0.000	98	211324	250.0	250.0	
41 2,2-Dichloropropane	79	3.166	3.166	0.000	93	27544	20.0	19.8	
42 cis-1,2-Dichloroethene	96	3.190	3.190	0.000	94	72470	20.0	20.7	
43 2-Butanone (MEK)	72	3.208	3.208	0.000	95	19237	100.0	98.0	
44 Ethyl acetate	70	3.208	3.208	0.000	92	7481	40.0	39.1	
45 Methyl acrylate	55	3.263	3.263	0.000	99	32777	20.0	21.0	
46 Propionitrile	54	3.324	3.324	0.000	97	60097	200.0	211.0	
47 Chlorobromomethane	128	3.391	3.391	0.000	96	34487	20.0	20.4	
48 Tetrahydrofuran	72	3.397	3.397	0.000	41	9326	40.0	39.9	
49 Methacrylonitrile	67	3.409	3.409	0.000	95	173195	200.0	212.6	
50 Chloroform	83	3.439	3.439	0.000	98	115565	20.0	20.6	
51 Cyclohexane	84	3.549	3.549	0.000	96	85839	20.0	22.7	
52 1,1,1-Trichloroethane	97	3.561	3.561	0.000	98	89562	20.0	20.7	
$ 53 Dibromofluoromethane (Surr)	113	3.579	3.579	0.000	96	124645	50.0	51.4	
54 Carbon tetrachloride	117	3.671	3.671	0.000	97	69243	20.0	20.0	
55 1,1-Dichloropropene	75	3.701	3.701	0.000	96	82404	20.0	20.9	
56 Isobutyl alcohol	43	3.847	3.847	0.000	39	53511	500.0	352.3	a
57 Isooctane	57	3.853	3.853	0.000	96	181041	20.0	22.3	
58 Benzene	78	3.883	3.883	0.000	97	227420	20.0	19.6	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.902	3.902	0.000	0	121468	50.0	51.0	
60 Isopropyl acetate	43	3.944	3.944	0.000	82	119218	20.0	20.4	
61 Tert-amyl methyl ether	55	3.944	3.944	0.000	85	49821	20.0	21.8	
62 1,2-Dichloroethane	62	3.969	3.969	0.000	97	73223	20.0	19.4	
63 n-Heptane	57	4.029	4.029	0.000	98	24705	20.0	21.2	
* 64 Fluorobenzene	96	4.157	4.157	0.000	98	485014	50.0	50.0	
65 Trichloroethene	95	4.498	4.498	0.000	97	58071	20.0	19.6	
68 Ethyl acrylate	55	4.613	4.613	0.000	97	113290	20.0	22.1	a
67 Methylcyclohexane	83	4.613	4.613	0.000	95	94826	20.0	22.3	
69 1,2-Dichloropropane	63	4.778	4.778	0.000	90	55285	20.0	20.1	
* 70 1,4-Dioxane-d8	96	4.857	4.857	0.000	0	15800	1000.0	1000.0	
71 Methyl methacrylate	100	4.875	4.875	0.000	94	12929	40.0	39.5	
72 Dibromomethane	93	4.912	4.912	0.000	93	35750	20.0	20.3	
73 1,4-Dioxane	88	4.912	4.912	0.000	74	5315	400.0	423.7	
74 n-Propyl acetate	43	4.942	4.942	0.000	99	40378	20.0	18.7	
75 Dichlorobromomethane	83	5.076	5.076	0.000	99	62008	20.0	19.6	
76 2-Nitropropane	41	5.423	5.423	0.000	86	11491	40.0	31.9	
77 2-Chloroethyl vinyl ether	63	5.435	5.435	0.000	92	19291	20.0	19.5	
78 Epichlorohydrin	57	5.538	5.538	0.000	98	51250	400.0	378.4	
79 cis-1,3-Dichloropropene	75	5.593	5.593	0.000	96	68507	20.0	19.9	
80 4-Methyl-2-pentanone (MIBK)	43	5.775	5.775	0.000	98	192411	100.0	100.9	
$ 81 Toluene-d8 (Surr)	98	5.842	5.842	0.000	99	315317	50.0	50.9	
82 Toluene	91	5.921	5.921	0.000	93	178189	20.0	20.3	
83 trans-1,3-Dichloropropene	75	6.329	6.329	0.000	98	45726	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.372	6.372	0.000	96	34228	20.0	20.0	
85 1,1,2-Trichloroethane	83	6.548	6.548	0.000	96	30130	20.0	20.2	
86 Tetrachloroethene	166	6.585	6.585	0.000	95	41757	20.0	19.2	
87 1,3-Dichloropropane	76	6.779	6.779	0.000	96	49504	20.0	20.2	
88 2-Hexanone	58	6.877	6.877	0.000	99	51274	100.0	96.7	
89 n-Butyl acetate	43	7.023	7.023	0.000	97	43983	20.0	18.7	
90 Chlorodibromomethane	129	7.035	7.035	0.000	98	32643	20.0	18.9	
91 Ethylene Dibromide	107	7.187	7.187	0.000	98	32410	20.0	20.3	
* 92 Chlorobenzene-d5	117	7.801	7.801	0.000	87	258213	50.0	50.0	
93 Chlorobenzene	112	7.838	7.838	0.000	95	101031	20.0	20.1	
94 Ethylbenzene	106	7.947	7.947	0.000	99	51399	20.0	20.0	
95 1,1,1,2-Tetrachloroethane	131	7.972	7.972	0.000	93	41907	20.0	20.0	
96 m-Xylene & p-Xylene	106	8.111	8.111	0.000	0	63118	20.0	20.1	
97 o-Xylene	106	8.580	8.580	0.000	93	75049	20.0	20.9	
98 n-Butyl acrylate	73	8.604	8.604	0.000	96	25606	20.0	19.6	
99 Styrene	104	8.616	8.616	0.000	93	91407	20.0	20.1	
100 Bromoform	173	8.835	8.835	0.000	94	15848	20.0	18.6	
101 Amyl acetate (mixed isomers)	43	8.860	8.860	0.000	88	78984	20.0	20.8	
102 Isopropylbenzene	105	8.969	8.969	0.000	97	172106	20.0	21.0	
$ 103 4-Bromofluorobenzene	174	9.176	9.176	0.000	91	77644	50.0	50.4	
104 Bromobenzene	156	9.298	9.298	0.000	98	41768	20.0	19.6	
105 1,1,2,2-Tetrachloroethane	83	9.377	9.377	0.000	98	46140	20.0	21.0	
106 N-Propylbenzene	91	9.389	9.389	0.000	98	197224	20.0	20.9	
107 1,2,3-Trichloropropane	110	9.413	9.413	0.000	98	9930	20.0	21.0	
108 trans-1,4-Dichloro-2-butene	53	9.444	9.444	0.000	84	7034	20.0	19.3	
109 2-Chlorotoluene	91	9.486	9.486	0.000	97	149495	20.0	20.7	
110 4-Ethyltoluene	105	9.505	9.505	0.000	98	158313	20.0	20.6	
111 1,3,5-Trimethylbenzene	105	9.571	9.571	0.000	92	154727	20.0	20.5	
112 4-Chlorotoluene	91	9.602	9.602	0.000	98	129946	20.0	21.2	
113 Butyl Methacrylate	87	9.693	9.693	0.000	95	63934	20.0	20.8	
114 tert-Butylbenzene	119	9.851	9.851	0.000	92	128956	20.0	21.1	
115 1,2,4-Trimethylbenzene	105	9.912	9.912	0.000	99	162770	20.0	21.1	
116 sec-Butylbenzene	105	10.052	10.052	0.000	99	192838	20.0	21.7	
117 1,3-Dichlorobenzene	146	10.174	10.174	0.000	95	82642	20.0	20.3	
118 4-Isopropyltoluene	119	10.186	10.186	0.000	97	159578	20.0	21.0	
* 119 1,4-Dichlorobenzene-d4	152	10.241	10.241	0.000	96	153385	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.259	10.259	0.000	95	85138	20.0	20.0	
121 1,2,3-Trimethylbenzene	105	10.283	10.283	0.000	99	185907	20.0	21.0	
122 Benzyl chloride	91	10.393	10.393	0.000	98	58818	20.0	20.0	
123 2,3-Dihydroindene	117	10.448	10.448	0.000	95	157406	20.0	20.7	
124 p-Diethylbenzene	119	10.508	10.508	0.000	92	95938	20.0	21.4	
125 n-Butylbenzene	92	10.533	10.533	0.000	97	78932	20.0	20.9	
126 1,2-Dichlorobenzene	146	10.575	10.575	0.000	96	90395	20.0	20.3	
127 1,2,4,5-Tetramethylbenzene	119	11.141	11.141	0.000	97	179506	20.0	21.3	
128 1,2-Dibromo-3-Chloropropane	157	11.220	11.220	0.000	93	9908	20.0	20.9	
129 1,3,5-Trichlorobenzene	180	11.330	11.330	0.000	97	80455	20.0	21.5	
130 1,2,4-Trichlorobenzene	180	11.804	11.804	0.000	94	73407	20.0	20.8	
131 Hexachlorobutadiene	225	11.889	11.889	0.000	92	24067	20.0	20.9	
132 Naphthalene	128	11.987	11.987	0.000	99	189873	20.0	21.9	
133 1,2,3-Trichlorobenzene	180	12.163	12.163	0.000	96	68727	20.0	21.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.9	
S 135 Xylenes, Total	100				0		40.0	41.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	101.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	20.00	Units: uL	
524FREONS_00031	Amount Added:	20.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
GASES Li_00628	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:18:06 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D

Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8 Operator ID:

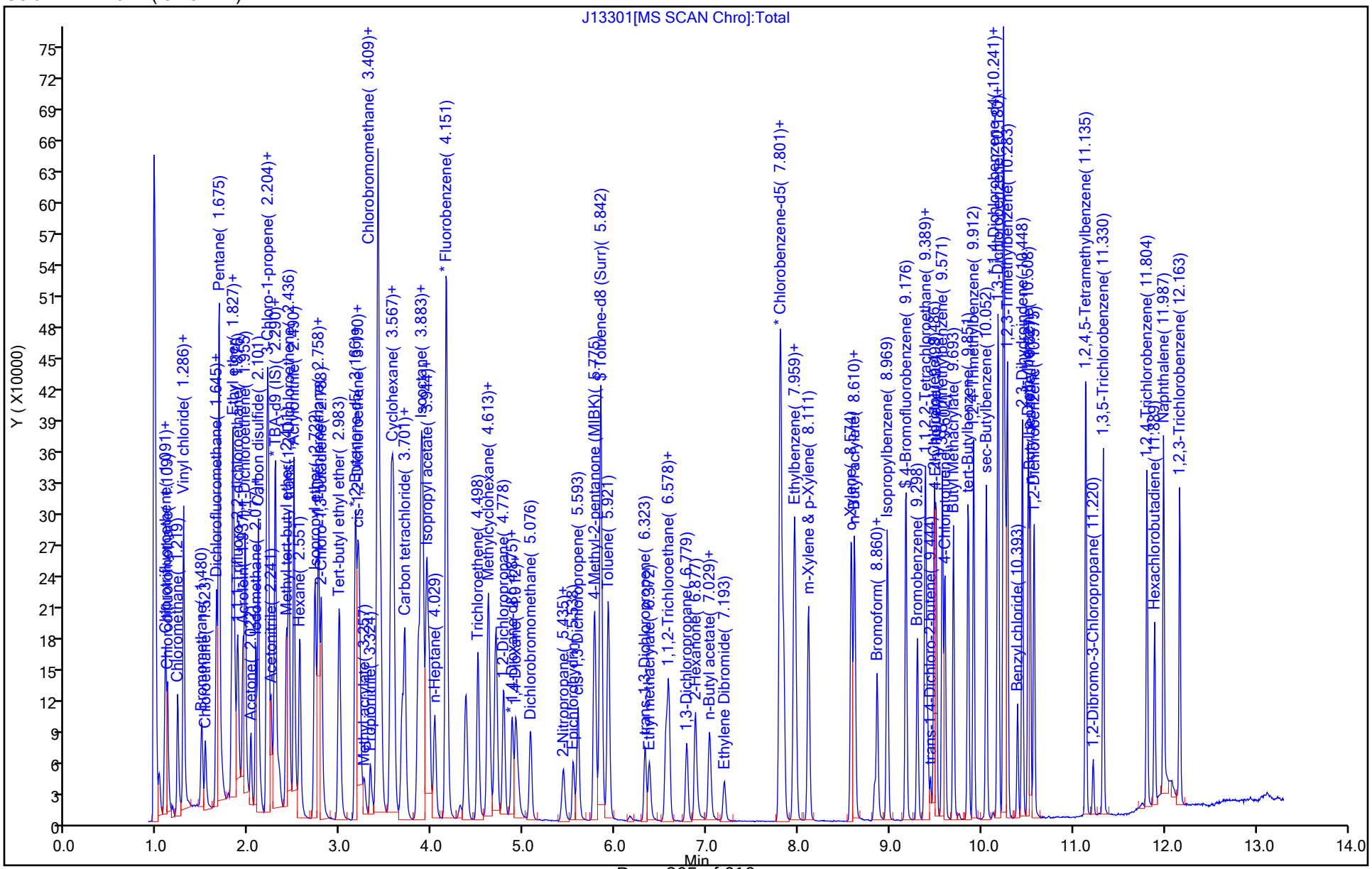
Lims ID: STD20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

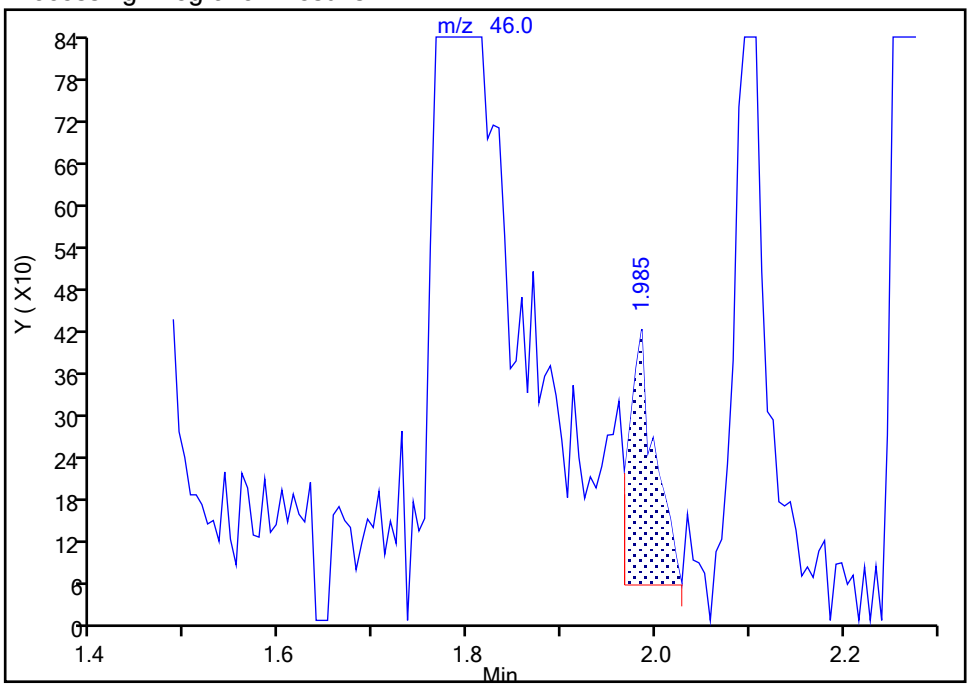
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

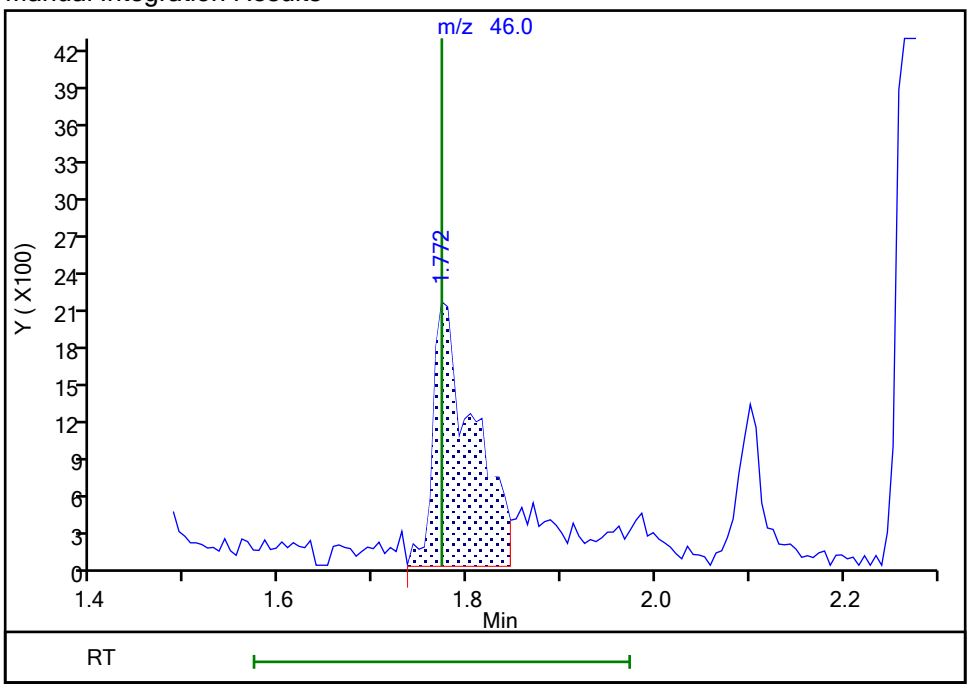
Processing Integration Results

RT: 1.99
Area: 690
Amount: 151.2912
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 6331
Amount: 883.1147
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:42:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

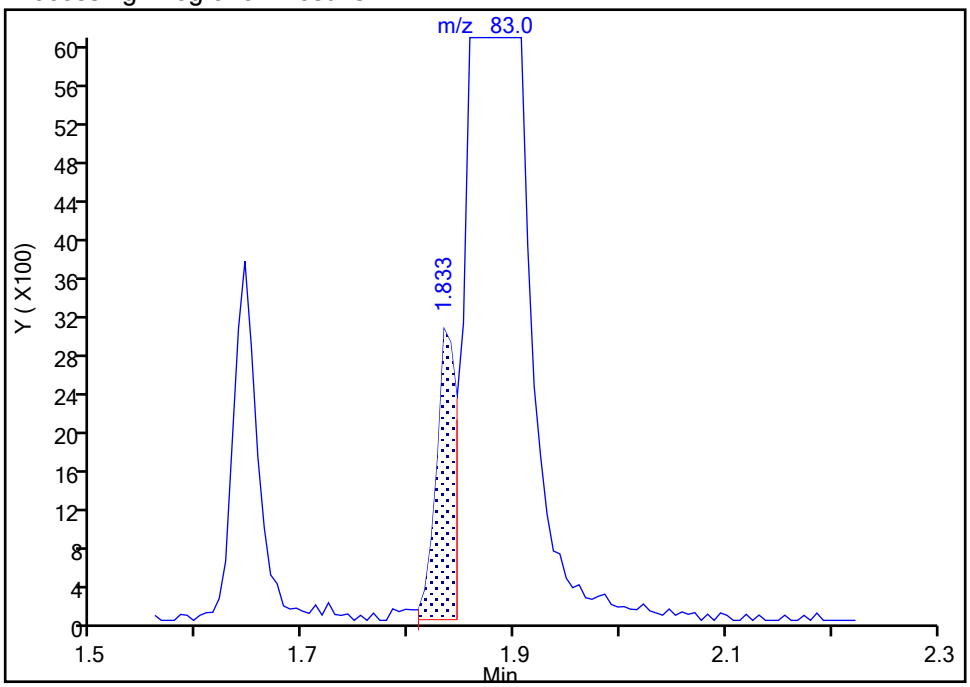
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

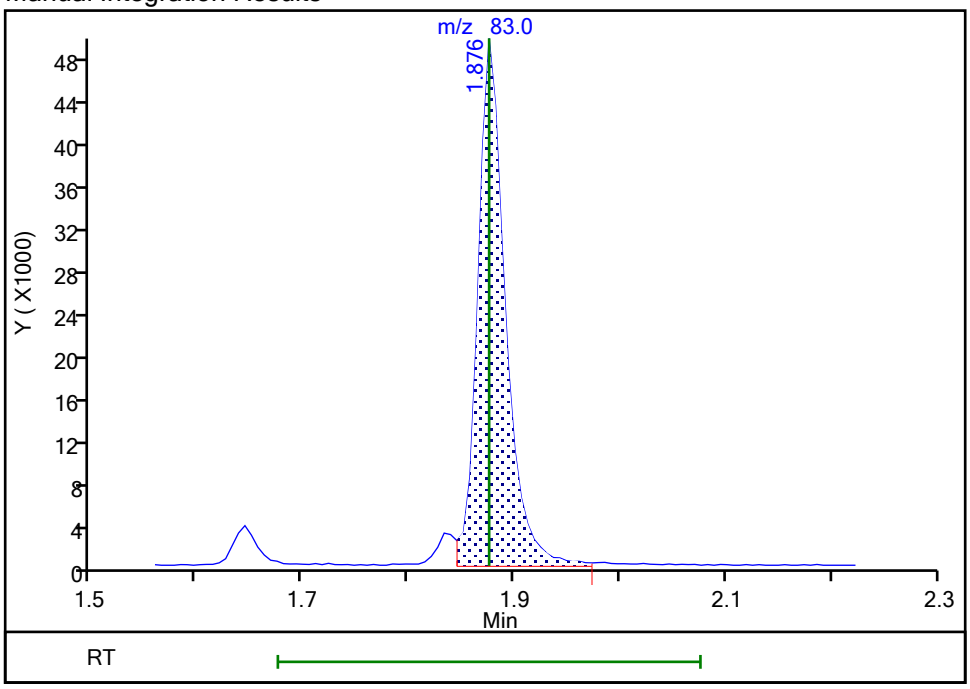
Processing Integration Results

RT: 1.83
Area: 4082
Amount: 2.589280
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 89867
Amount: 21.863132
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:37:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

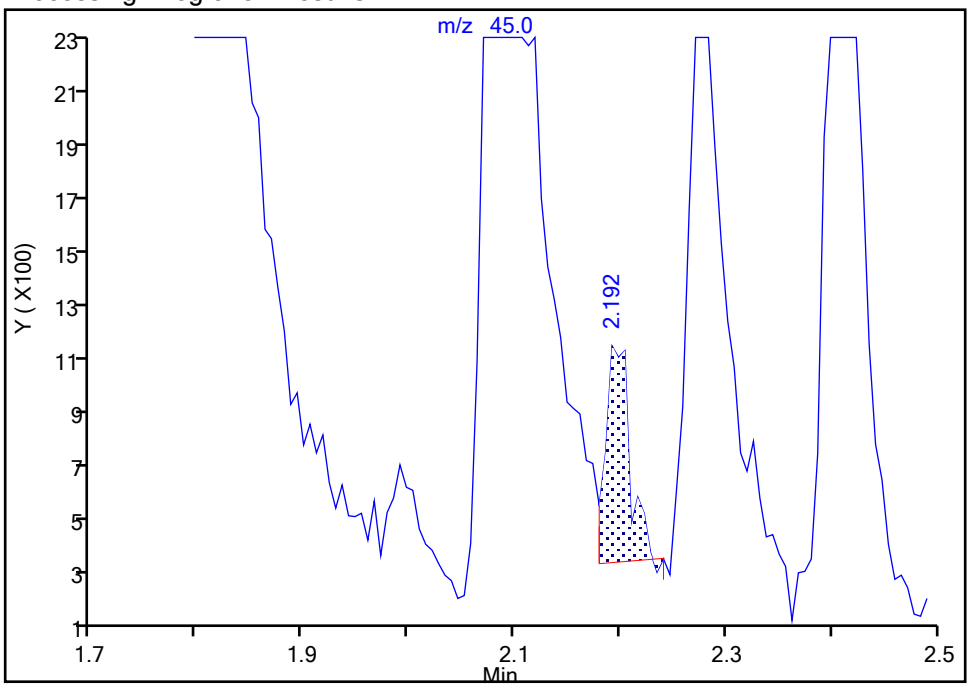
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

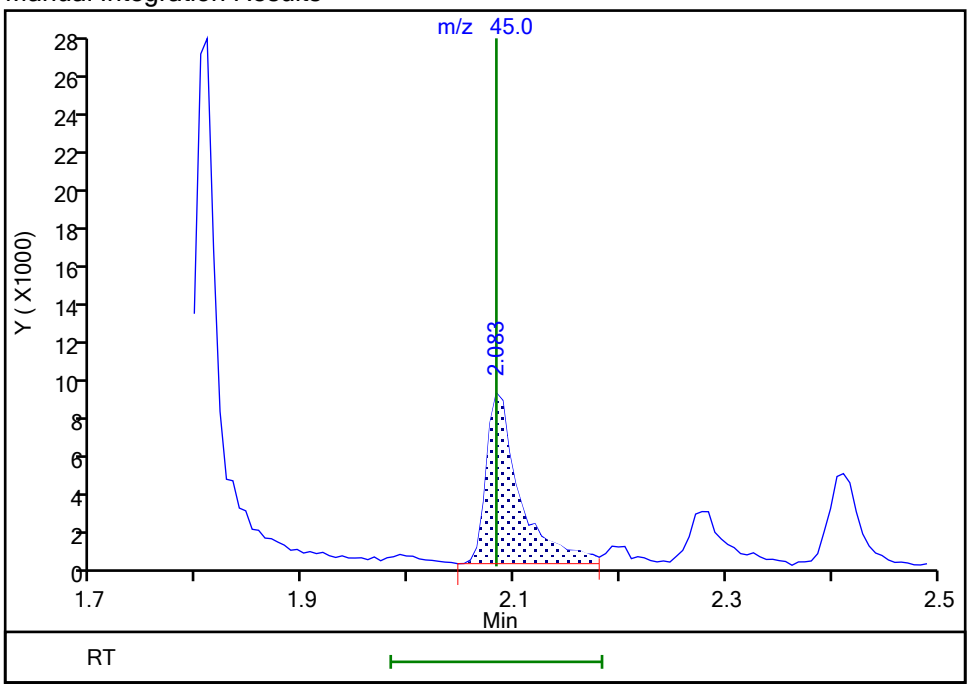
Processing Integration Results

RT: 2.19
Area: 1254
Amount: 18.927931
Amount Units: ug/l



Manual Integration Results

RT: 2.08
Area: 19944
Amount: 201.6195
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:41:20 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

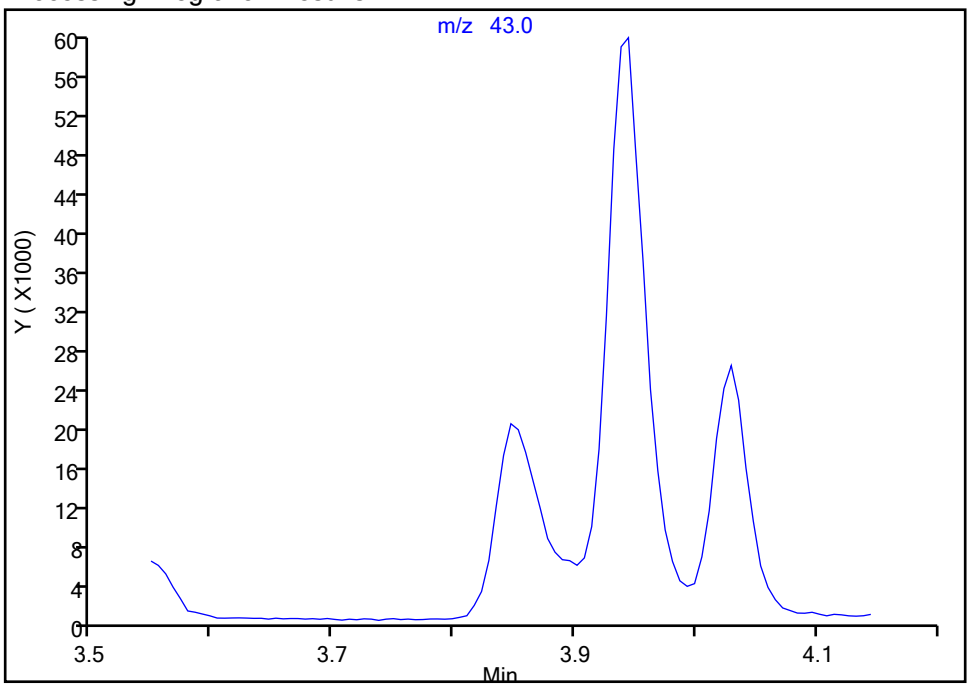
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

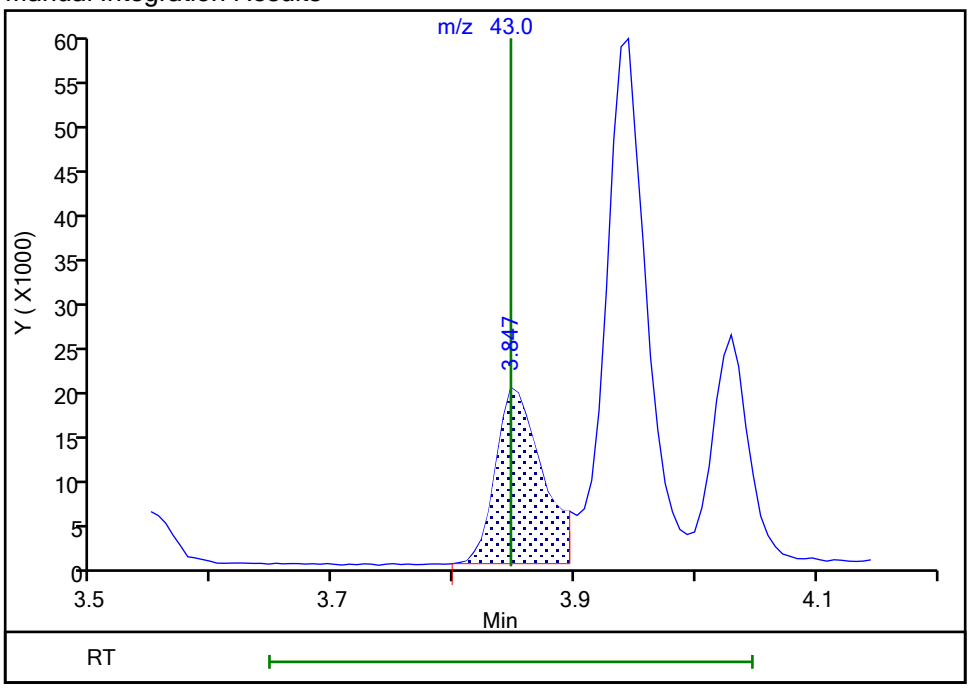
Not Detected
Expected RT: 3.85

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 53511
Amount: 352.2859
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:55:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

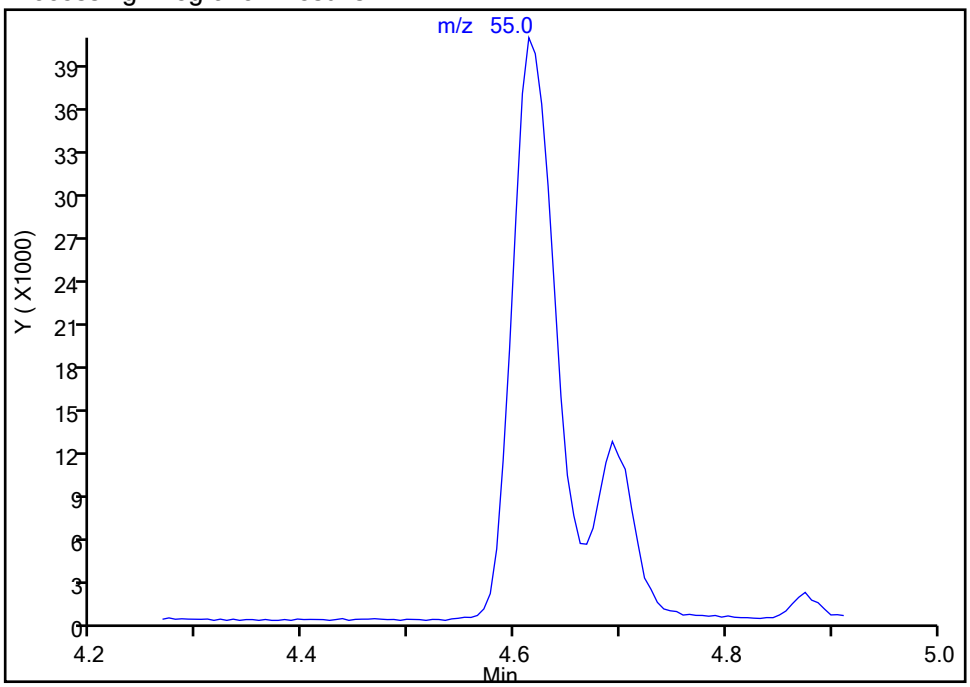
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

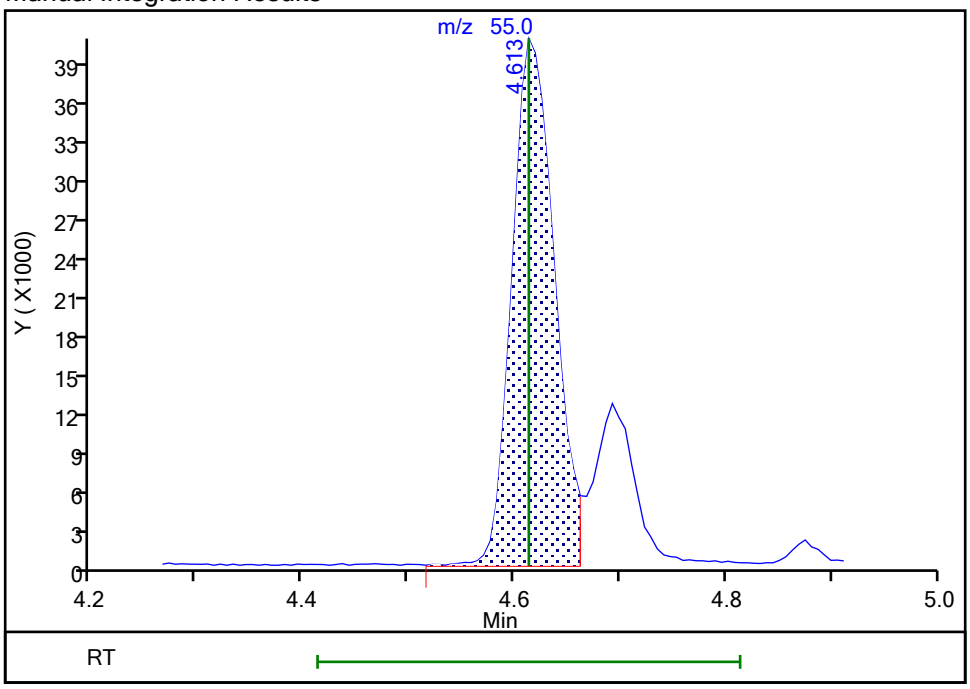
Not Detected
Expected RT: 4.61

Processing Integration Results



Manual Integration Results

RT: 4.61
Area: 113290
Amount: 22.095268
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:55:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

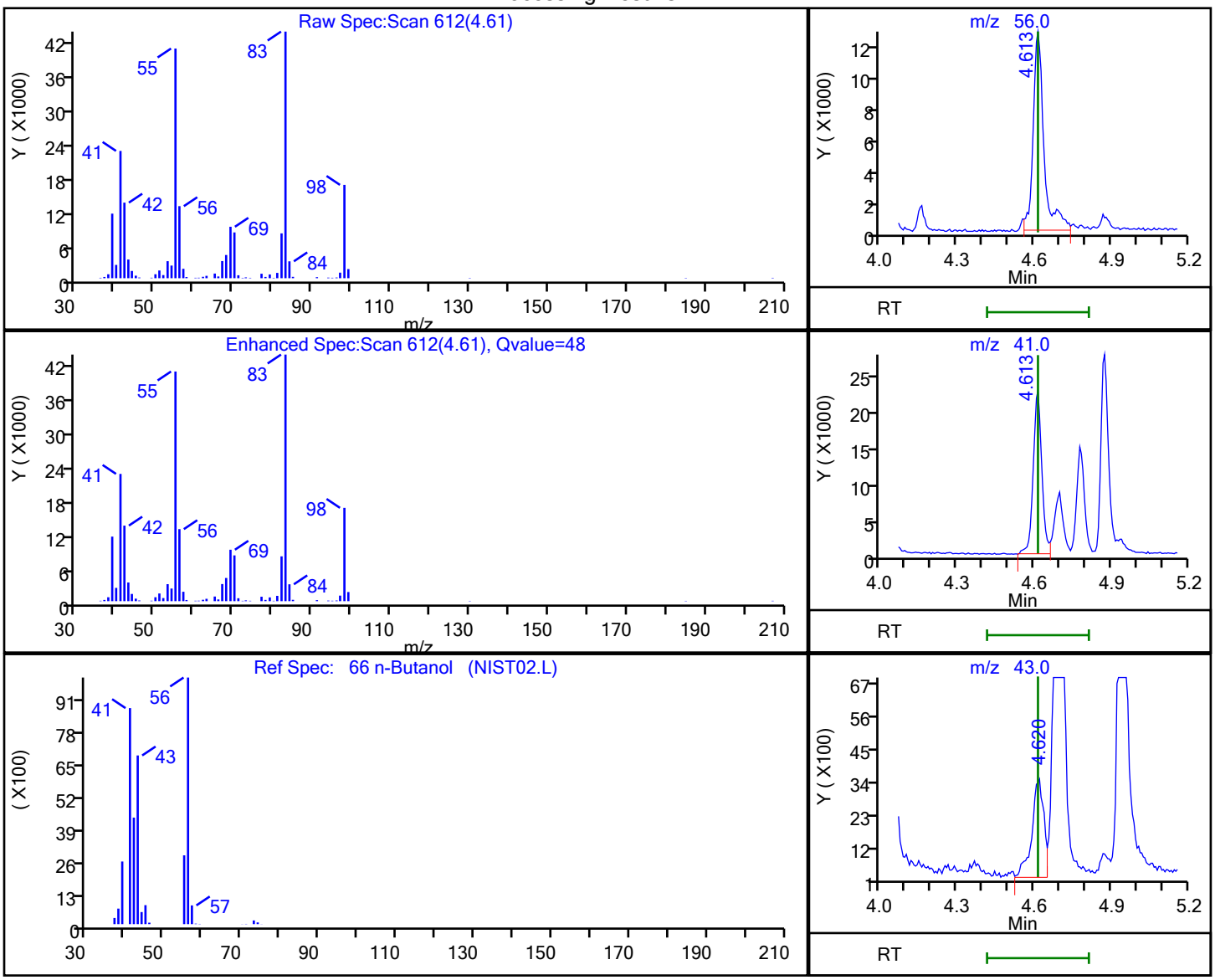
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13301.D
Injection Date: 22-Feb-2025 18:56:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.61	56.00	37684	549.0871
4.61	41.00	52952	
4.62	43.00	10650	

Reviewer: NN6A, 23-Feb-2025 11:00:56 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13302.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Feb-2025 19:19:30 ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0187183-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:18:12 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 21:38:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.077	1.073	0.004	89	15135	50.0	51.2	
2 Dichlorodifluoromethane	85	1.095	1.097	-0.002	99	210482	50.0	50.4	
3 Chlorodifluoromethane	67	1.113	1.109	0.004	97	28991	50.0	51.0	
4 Chloromethane	50	1.223	1.219	0.004	99	230280	50.0	49.5	
5 Vinyl chloride	62	1.277	1.280	-0.003	98	178507	50.0	51.3	
6 Butadiene	54	1.283	1.286	-0.003	98	171112	50.0	55.8	
7 Bromomethane	94	1.478	1.480	-0.002	99	115135	50.0	47.1	
8 Chloroethane	64	1.521	1.523	-0.002	98	93236	50.0	50.3	
10 Trichlorofluoromethane	101	1.649	1.645	0.003	99	192819	50.0	52.9	
9 Dichlorofluoromethane	67	1.642	1.645	-0.003	99	305933	50.0	51.7	
11 Pentane	43	1.673	1.675	-0.002	96	505952	100.0	104.5	
12 Ethanol	46	1.776	1.772	0.004	95	15871	2000.0	2148.2	a
13 Ethyl ether	59	1.807	1.809	-0.002	93	99473	50.0	51.7	
14 2-Methyl-1,3-butadiene	53	1.819	1.821	-0.002	98	144425	50.0	49.5	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.837	1.839	-0.002	97	118569	50.0	49.8	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.874	1.876	-0.002	96	204635	50.0	47.9	a
18 Acrolein	56	1.934	1.931	0.003	63	44472	100.0	90.2	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.934	1.937	-0.003	96	145291	50.0	52.8	
19 1,1-Dichloroethene	96	1.959	1.961	-0.002	95	174322	50.0	51.8	
20 Acetone	43	2.020	2.022	-0.002	85	179844	250.0	238.3	
21 Iodomethane	142	2.074	2.071	0.003	99	350179	50.0	51.0	
22 Isopropyl alcohol	45	2.087	2.083	0.004	100	53224	500.0	522.1	a
23 Carbon disulfide	76	2.099	2.101	-0.002	100	696139	50.0	52.8	
24 3-Chloro-1-propene	76	2.190	2.192	-0.002	94	111458	50.0	49.3	
25 Methyl acetate	43	2.196	2.198	-0.002	99	199551	100.0	101.1	
26 Cyclopentene	67	2.208	2.210	-0.002	94	511906	50.0	52.5	
27 Acetonitrile	41	2.239	2.241	-0.002	99	196130	500.0	507.5	
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	76	162059	1000.0	1000.0	
29 Methylene Chloride	84	2.287	2.290	-0.003	99	199735	50.0	48.8	
30 2-Methyl-2-propanol	59	2.336	2.332	0.004	99	84585	500.0	500.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.409	2.411	-0.002	97	422322	50.0	51.4	
32 trans-1,2-Dichloroethene	96	2.433	2.436	-0.003	99	178896	50.0	50.3	
33 Acrylonitrile	53	2.488	2.490	-0.002	93	510825	500.0	510.2	
34 Hexane	57	2.555	2.551	0.004	93	166137	50.0	51.3	
35 Isopropyl ether	45	2.719	2.722	-0.003	98	554343	50.0	51.3	
36 1,1-Dichloroethane	63	2.756	2.752	0.004	99	327952	50.0	50.3	
37 Vinyl acetate	43	2.762	2.764	-0.002	100	451686	100.0	99.9	
38 2-Chloro-1,3-butadiene	88	2.792	2.788	0.004	91	141513	50.0	49.8	
39 Tert-butyl ethyl ether	59	2.981	2.983	-0.002	87	494692	50.0	50.9	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	82	214806	250.0	250.0	
41 2,2-Dichloropropane	79	3.169	3.166	0.003	96	71797	50.0	49.6	
42 cis-1,2-Dichloroethene	96	3.194	3.190	0.004	94	181719	50.0	49.9	
43 2-Butanone (MEK)	72	3.206	3.208	-0.002	95	51142	250.0	256.2	
44 Ethyl acetate	70	3.206	3.208	-0.002	93	19391	100.0	99.7	
45 Methyl acrylate	55	3.255	3.263	-0.008	100	85472	50.0	52.8	
46 Propionitrile	54	3.321	3.324	-0.003	98	151804	500.0	517.1	
47 Chlorobromomethane	128	3.388	3.391	-0.003	97	85847	50.0	48.8	
48 Tetrahydrofuran	72	3.401	3.397	0.004	95	25645	100.0	108.0	
49 Methacrylonitrile	67	3.407	3.409	-0.002	95	437798	500.0	517.6	
50 Chloroform	83	3.437	3.439	-0.002	98	287186	50.0	49.2	
51 Cyclohexane	84	3.547	3.549	-0.002	96	207213	50.0	52.9	
52 1,1,1-Trichloroethane	97	3.565	3.561	0.004	99	224921	50.0	50.2	
$ 53 Dibromofluoromethane (Surr)	113	3.577	3.579	-0.002	95	114980	50.0	45.6	
54 Carbon tetrachloride	117	3.668	3.671	-0.003	97	182702	50.0	50.9	
55 1,1-Dichloropropene	75	3.699	3.701	-0.002	97	202527	50.0	49.4	
56 Isobutyl alcohol	43	3.845	3.847	-0.002	46	162483	1250.0	1045.2	a
57 Isooctane	57	3.851	3.853	-0.002	95	455670	50.0	54.1	
58 Benzene	78	3.881	3.883	-0.002	97	571357	50.0	45.9	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.899	3.902	-0.003	0	112965	50.0	45.7	
60 Isopropyl acetate	43	3.942	3.944	-0.002	83	336289	50.0	55.4	
61 Tert-amyl methyl ether	55	3.942	3.944	-0.002	85	109925	50.0	46.4	
62 1,2-Dichloroethane	62	3.972	3.969	0.003	96	188214	50.0	48.1	
63 n-Heptane	57	4.027	4.029	-0.002	98	62556	50.0	51.6	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	503711	50.0	50.0	
65 Trichloroethene	95	4.496	4.498	-0.002	98	146401	50.0	47.6	
66 n-Butanol	56	4.514	4.613	-0.099	97	15112	1250.0	634.6	a
67 Methylcyclohexane	83	4.611	4.613	-0.002	94	237395	50.0	53.7	
68 Ethyl acrylate	55	4.617	4.613	0.004	98	294594	50.0	55.3	
69 1,2-Dichloropropane	63	4.781	4.778	0.003	91	141215	50.0	49.5	
* 70 1,4-Dioxane-d8	96	4.854	4.857	-0.003	0	16412	1000.0	1000.0	
71 Methyl methacrylate	100	4.873	4.875	-0.002	95	35836	100.0	105.4	
72 Dibromomethane	93	4.909	4.912	-0.003	94	90025	50.0	49.1	
73 1,4-Dioxane	88	4.909	4.912	-0.003	34	15975	1000.0	1226.1	
74 n-Propyl acetate	43	4.934	4.942	-0.008	99	111916	50.0	49.9	
75 Dichlorobromomethane	83	5.074	5.076	-0.002	99	165533	50.0	50.4	
76 2-Nitropropane	41	5.414	5.423	-0.009	94	33139	100.0	89.2	
77 2-Chloroethyl vinyl ether	63	5.432	5.435	-0.003	95	53310	50.1	52.0	
78 Epichlorohydrin	57	5.536	5.538	-0.002	99	146950	1000.0	1063.3	
79 cis-1,3-Dichloropropene	75	5.591	5.593	-0.002	95	185506	50.0	50.2	
80 4-Methyl-2-pentanone (MIBK)	43	5.773	5.775	-0.002	98	532318	250.0	274.5	
$ 81 Toluene-d8 (Surr)	98	5.840	5.842	-0.002	99	309330	50.0	46.4	
82 Toluene	91	5.925	5.921	0.004	94	460330	50.0	48.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.321	6.329	-0.008	99	125878	50.0	51.5	
84 Ethyl methacrylate	69	6.369	6.372	-0.003	93	100489	50.0	56.5	
85 1,1,2-Trichloroethane	83	6.552	6.548	0.004	96	79963	50.0	49.9	
86 Tetrachloroethene	166	6.582	6.585	-0.002	95	110688	50.0	47.3	
87 1,3-Dichloropropane	76	6.777	6.779	-0.002	97	133755	50.0	50.8	
88 2-Hexanone	58	6.868	6.877	-0.008	99	146259	250.0	271.4	
89 n-Butyl acetate	43	7.020	7.023	-0.002	98	130146	50.0	51.6	
90 Chlorodibromomethane	129	7.032	7.035	-0.003	98	93999	50.0	50.6	
91 Ethylene Dibromide	107	7.191	7.187	0.004	98	86051	50.0	50.1	
* 92 Chlorobenzene-d5	117	7.799	7.801	-0.002	87	277609	50.0	50.0	
93 Chlorobenzene	112	7.835	7.838	-0.003	94	275256	50.0	50.8	
94 Ethylbenzene	106	7.951	7.947	0.004	99	140565	50.0	50.9	
95 1,1,1,2-Tetrachloroethane	131	7.969	7.972	-0.003	95	119779	50.0	53.3	
96 m-Xylene & p-Xylene	106	8.109	8.111	-0.002	0	172221	50.0	51.1	
97 o-Xylene	106	8.578	8.580	-0.002	94	201600	50.0	52.2	
98 n-Butyl acrylate	73	8.602	8.604	-0.002	96	72975	50.0	52.0	
99 Styrene	104	8.614	8.616	-0.002	94	259395	50.0	53.0	
100 Bromoform	173	8.833	8.835	-0.002	95	47888	50.0	52.2	
101 Amyl acetate (mixed isomers)	43	8.857	8.860	-0.003	87	225837	50.0	58.0	
102 Isopropylbenzene	105	8.973	8.969	0.004	96	482506	50.0	54.8	
$ 103 4-Bromofluorobenzene	174	9.174	9.176	-0.002	89	77803	50.0	47.0	
104 Bromobenzene	156	9.302	9.298	0.004	97	113600	50.0	51.8	
105 1,1,2,2-Tetrachloroethane	83	9.381	9.377	0.004	99	120870	50.0	53.7	
106 N-Propylbenzene	91	9.387	9.389	-0.002	99	527775	50.0	54.6	
107 1,2,3-Trichloropropane	110	9.411	9.413	-0.002	97	25345	50.0	52.3	
108 trans-1,4-Dichloro-2-butene	53	9.441	9.444	-0.003	89	18508	50.0	49.4	
109 2-Chlorotoluene	91	9.484	9.486	-0.002	98	394282	50.0	53.3	
110 4-Ethyltoluene	105	9.502	9.505	-0.003	98	428629	50.0	54.4	
111 1,3,5-Trimethylbenzene	105	9.575	9.571	0.004	92	436841	50.0	56.5	
112 4-Chlorotoluene	91	9.600	9.602	-0.002	98	320942	50.0	51.1	
113 Butyl Methacrylate	87	9.691	9.693	-0.002	95	179875	50.0	57.0	
114 tert-Butylbenzene	119	9.855	9.851	0.004	93	367646	50.0	58.7	
115 1,2,4-Trimethylbenzene	105	9.916	9.912	0.004	98	445252	50.0	56.1	
116 sec-Butylbenzene	105	10.050	10.052	-0.002	99	511029	50.0	56.1	
117 1,3-Dichlorobenzene	146	10.178	10.174	0.004	95	212932	50.0	50.9	
118 4-Isopropyltoluene	119	10.184	10.186	-0.002	98	435524	50.0	55.9	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	95	157433	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.263	10.259	0.004	94	221404	50.0	50.7	
121 1,2,3-Trimethylbenzene	105	10.281	10.283	-0.002	99	496869	50.0	54.6	
122 Benzyl chloride	91	10.390	10.393	-0.003	98	177766	50.0	58.9	
123 2,3-Dihydroindene	117	10.445	10.448	-0.003	95	418126	50.0	53.5	
124 p-Diethylbenzene	119	10.512	10.508	0.004	92	253106	50.0	55.1	
125 n-Butylbenzene	92	10.530	10.533	-0.003	97	208439	50.0	53.9	a
126 1,2-Dichlorobenzene	146	10.573	10.575	-0.002	95	243134	50.0	53.3	
127 1,2,4,5-Tetramethylbenzene	119	11.139	11.141	-0.002	97	468193	50.0	54.2	
128 1,2-Dibromo-3-Chloropropane	157	11.218	11.220	-0.002	96	27363	50.0	56.2	
129 1,3,5-Trichlorobenzene	180	11.327	11.330	-0.003	97	206105	50.0	53.6	
130 1,2,4-Trichlorobenzene	180	11.808	11.804	0.004	94	187633	50.0	51.8	
131 Hexachlorobutadiene	225	11.893	11.889	0.004	93	61593	50.0	52.1	
132 Naphthalene	128	11.990	11.987	0.003	99	487878	50.0	54.7	
133 1,2,3-Trichlorobenzene	180	12.167	12.163	0.004	96	179916	50.0	55.0	
S 134 1,2-Dichloroethene, Total	100				0		100.0	100.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		100.0	103.3	
S 136 Total BTEX	1				0		250.0	248.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added: 50.00	Units: uL		
524FREONS_00031	Amount Added: 50.00	Units: uL		
ACROLEIN W_00180	Amount Added: 10.00	Units: uL		
GASES Li_00628	Amount Added: 50.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00253	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 23-Feb-2025 11:18:13 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13302.D

Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8 Operator ID:

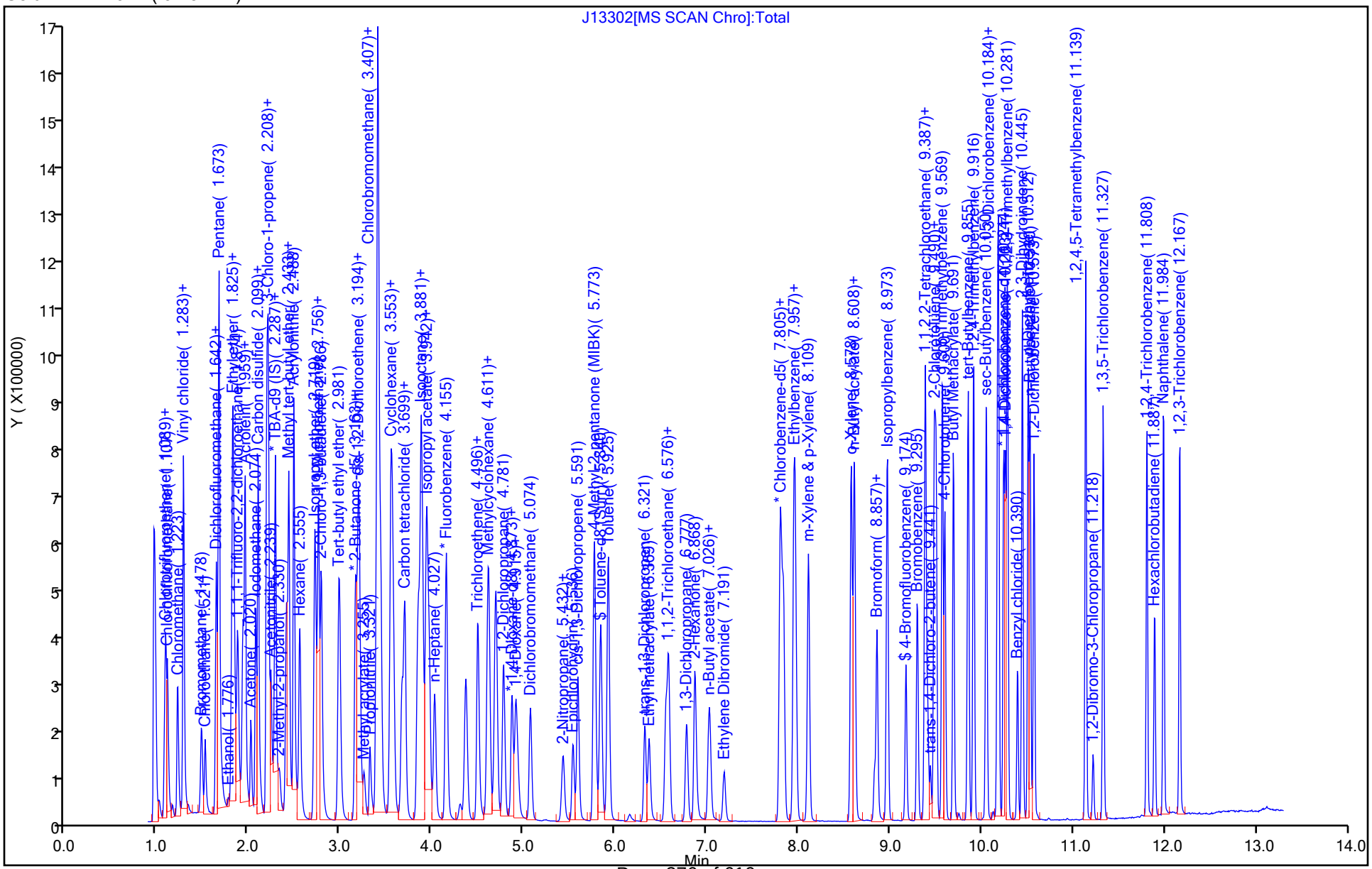
Lims ID: STD50 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

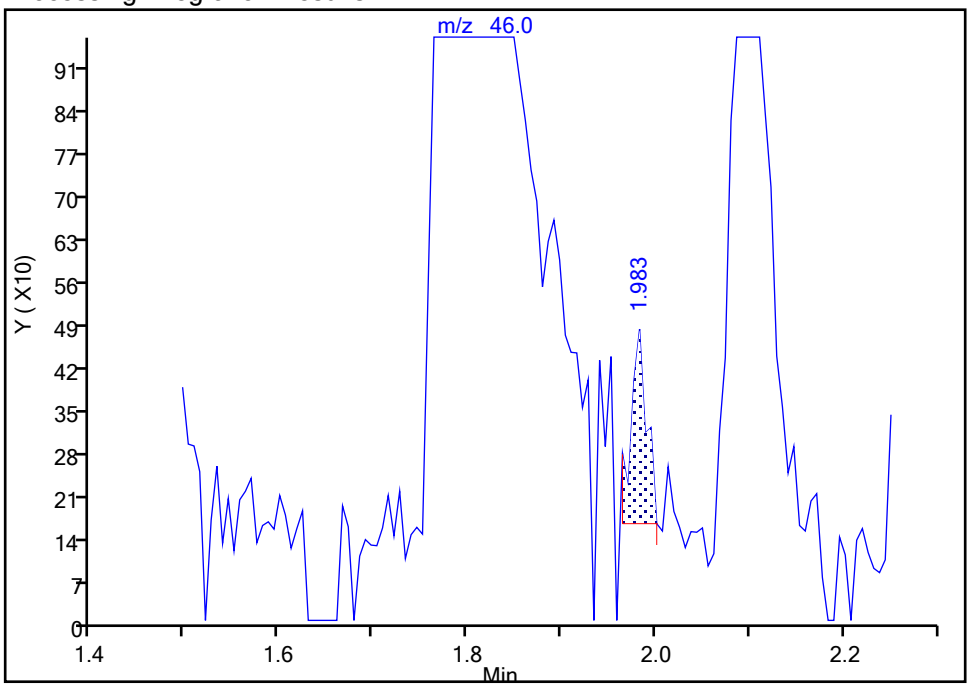
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13302.D
Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

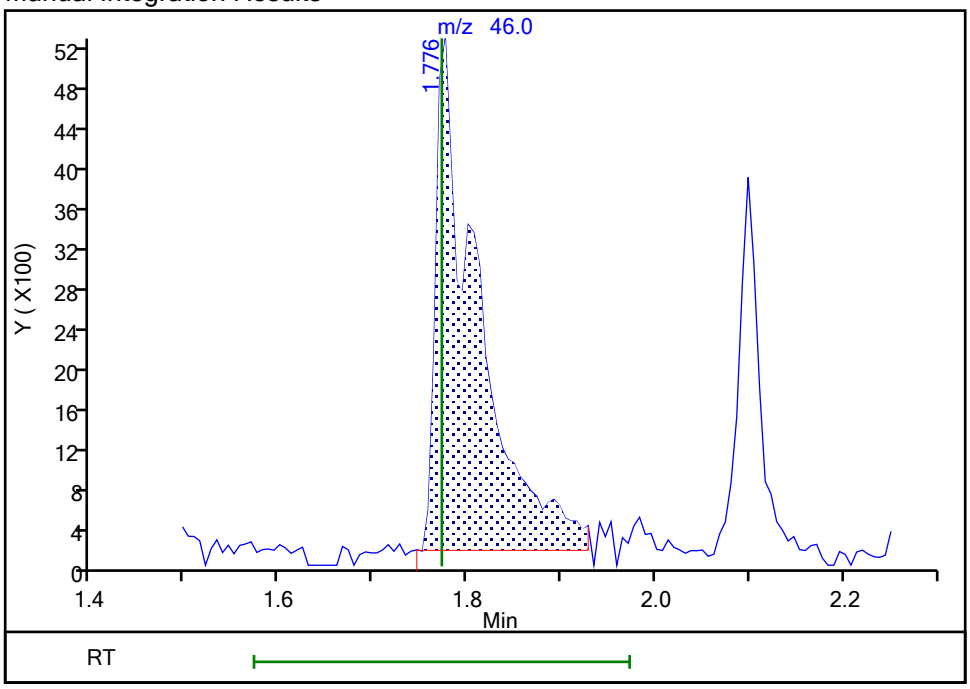
Processing Integration Results

RT: 1.98
Area: 376
Amount: 63.606676
Amount Units: ug/l



Manual Integration Results

RT: 1.78
Area: 15871
Amount: 2148.1734
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:43:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

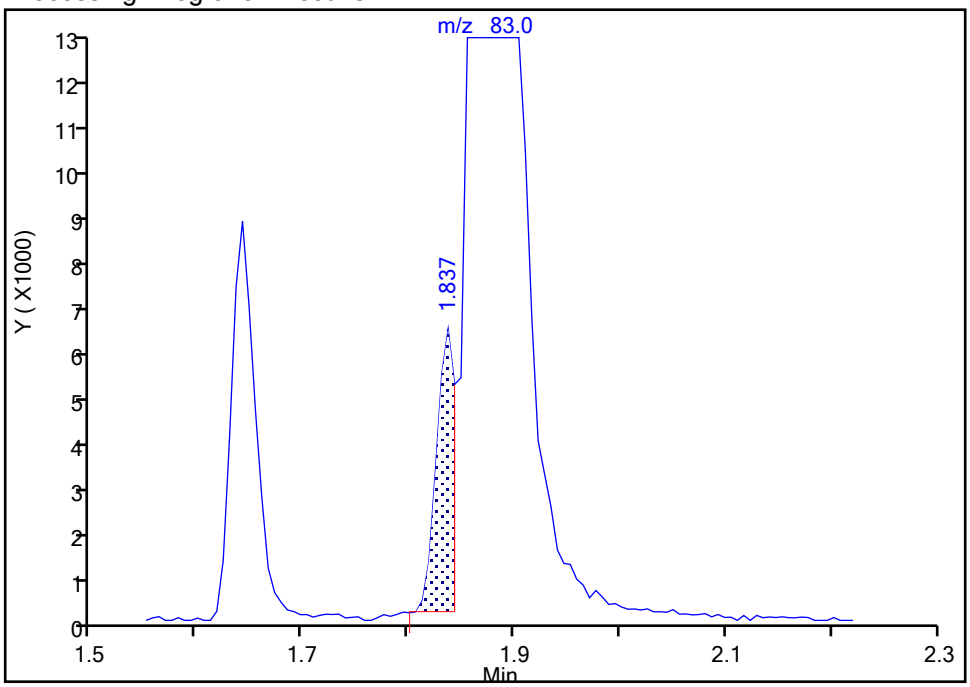
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Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

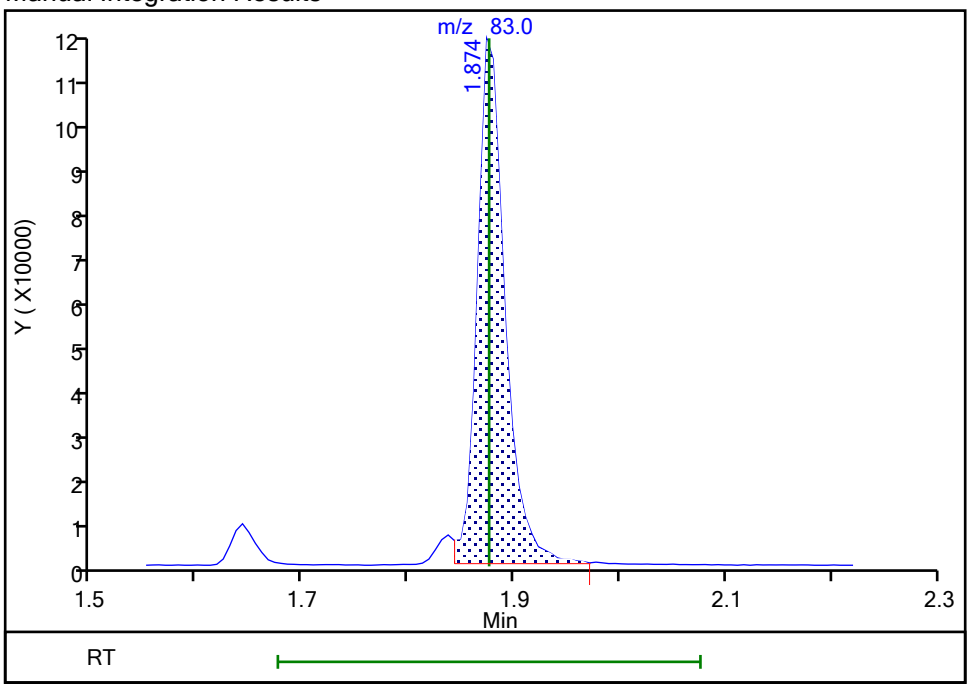
Processing Integration Results

RT: 1.84
Area: 7713
Amount: 3.241156
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 204635
Amount: 47.936342
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:38:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

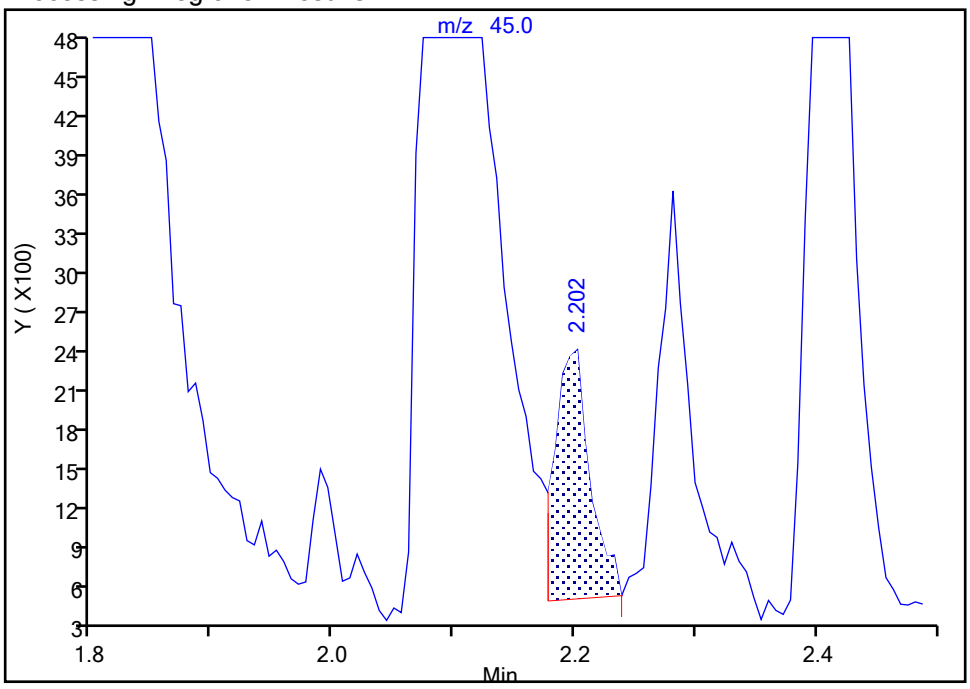
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Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

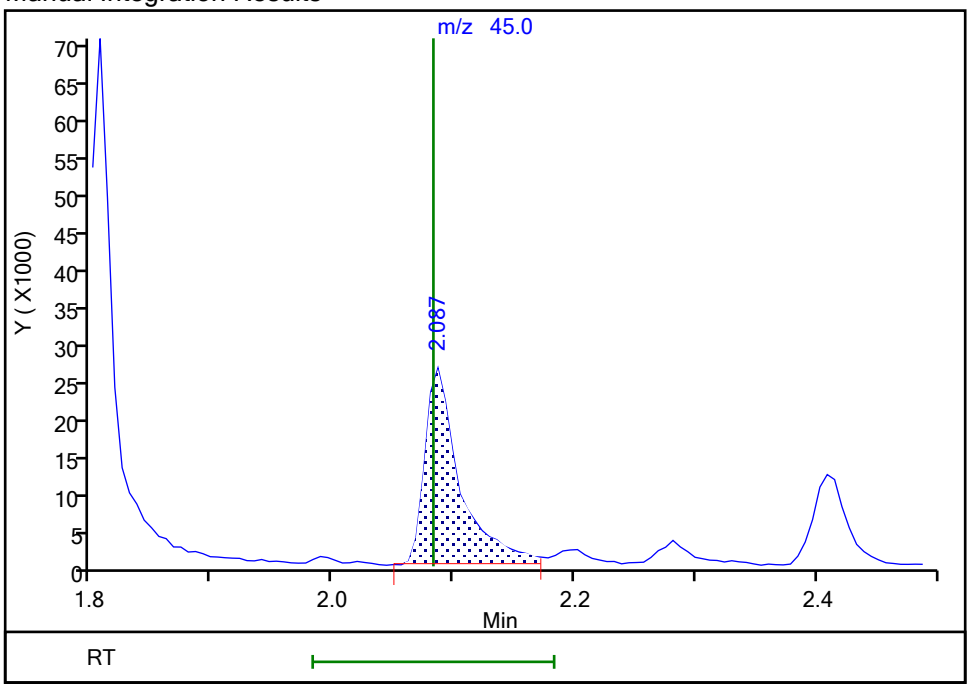
Processing Integration Results

RT: 2.20
Area: 3865
Amount: 74.579413
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 53224
Amount: 522.0932
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:41:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

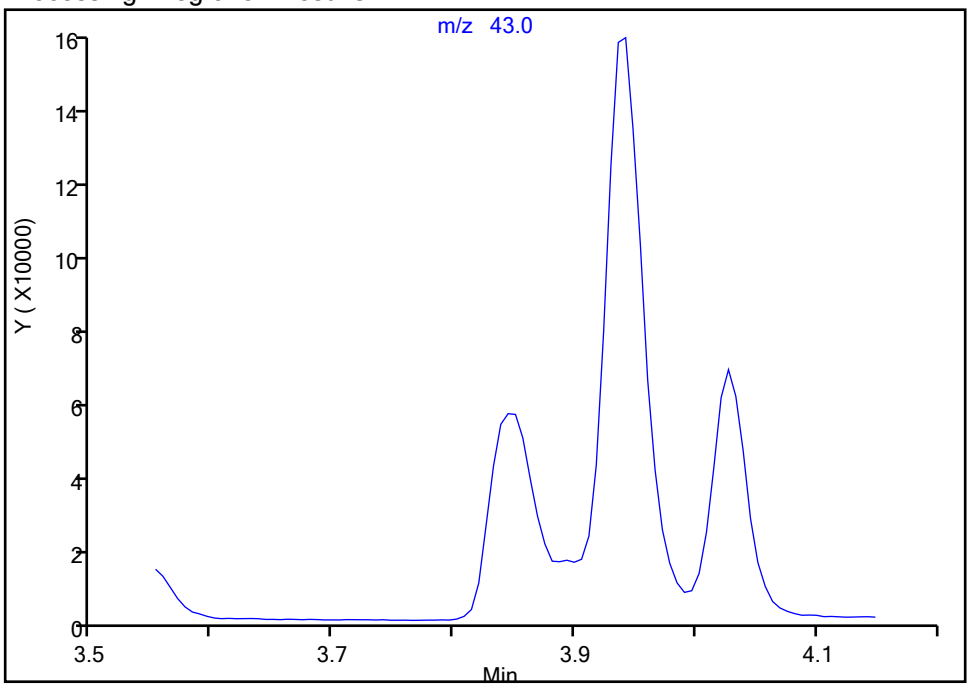
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Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

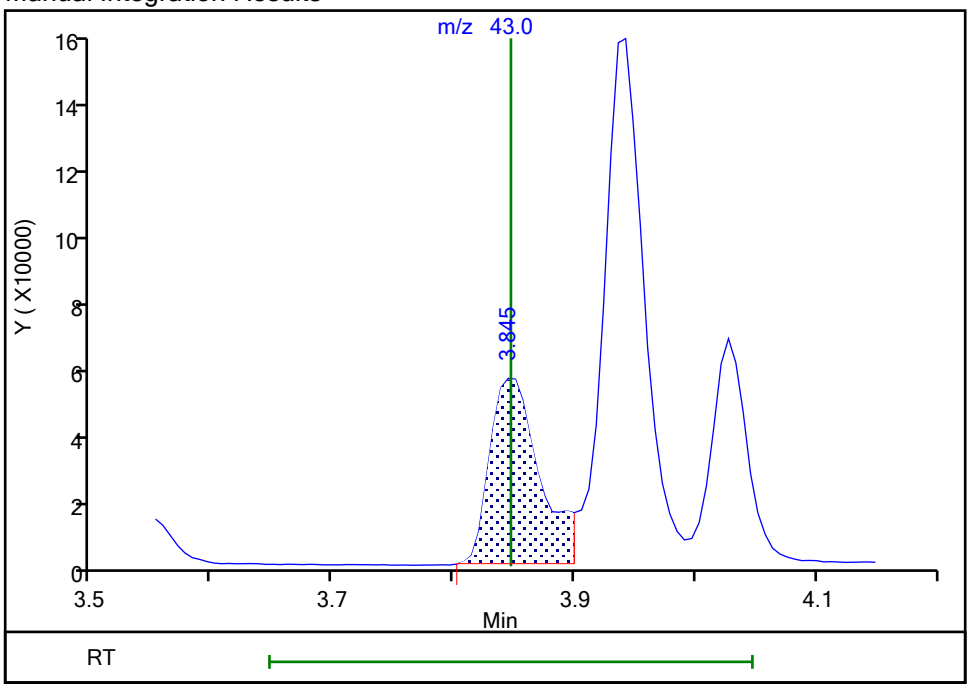
Not Detected
Expected RT: 3.85

Processing Integration Results



Manual Integration Results

RT: 3.84
Area: 162483
Amount: 1045.2153
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:55:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

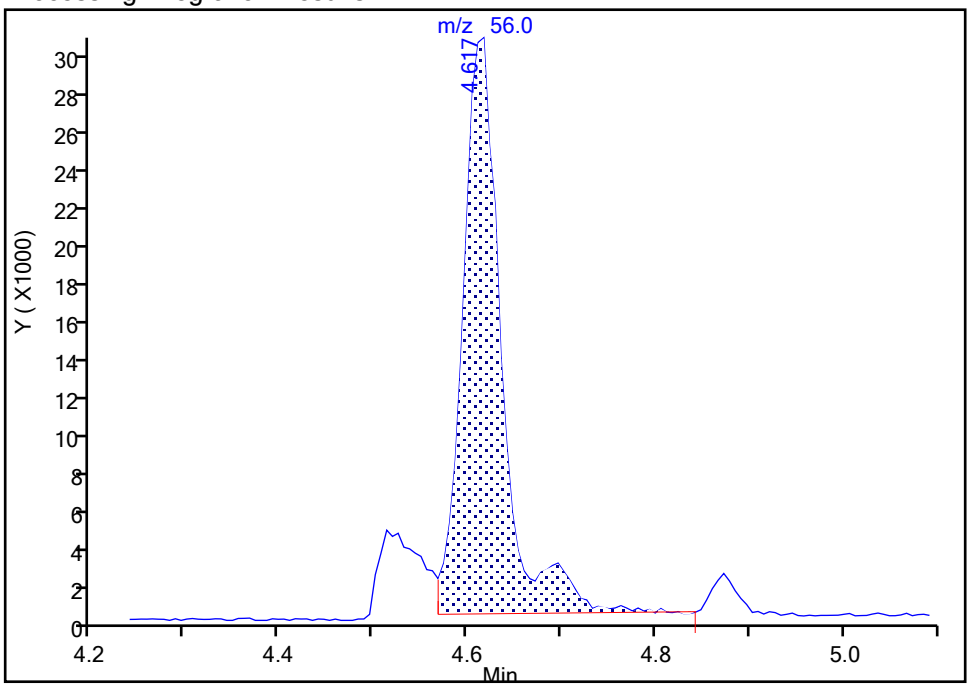
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Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Signal: 1

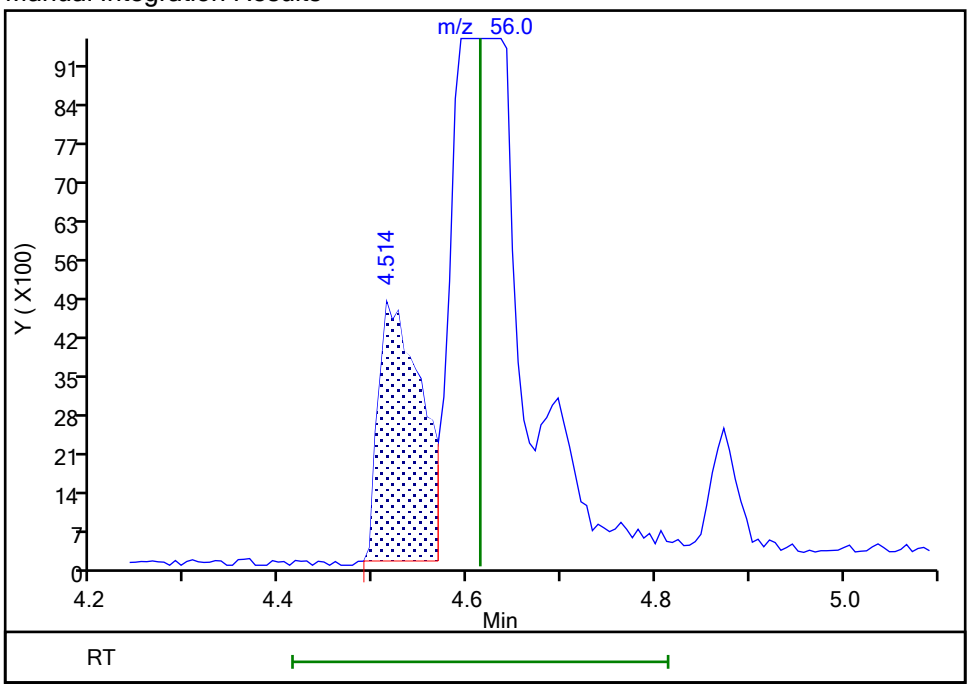
Processing Integration Results

RT: 4.62
Area: 89109
Amount: 1302.4947
Amount Units: ug/l



Manual Integration Results

RT: 4.51
Area: 15112
Amount: 634.5739
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:01:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

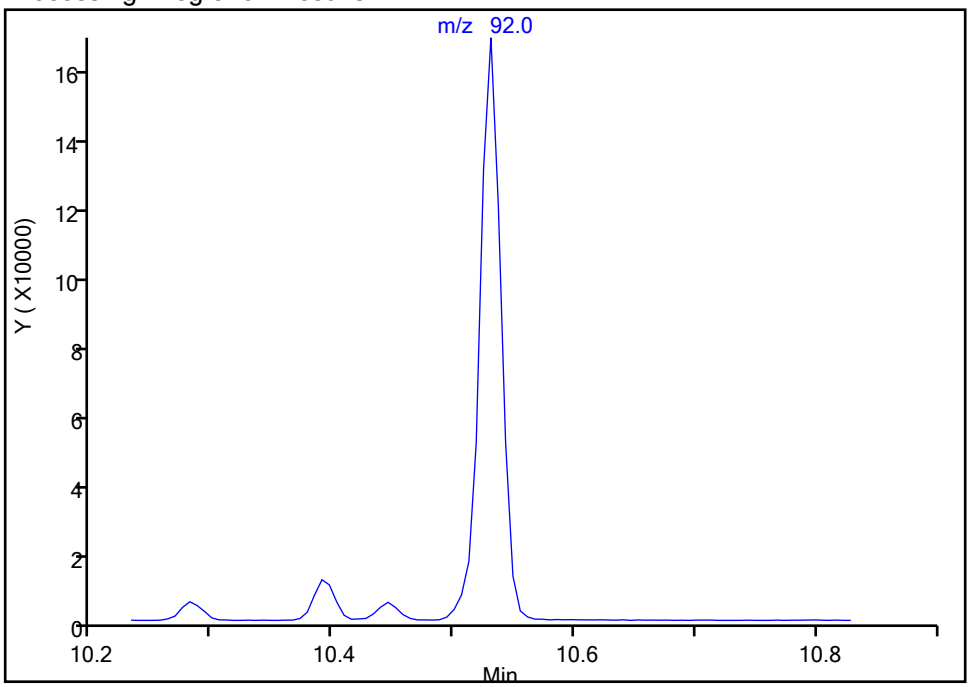
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13302.D
Injection Date: 22-Feb-2025 19:19:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Signal: 1

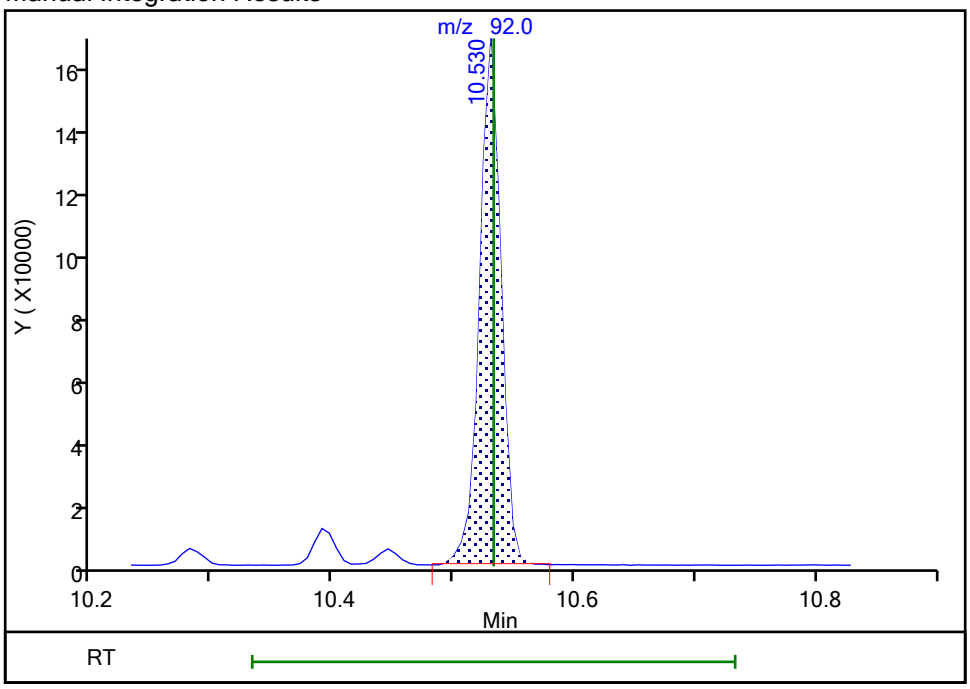
Not Detected
Expected RT: 10.53

Processing Integration Results



Manual Integration Results

RT: 10.53
Area: 208439
Amount: 53.874335
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:53:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Report Date: 23-Feb-2025 11:18:19 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13303.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Feb-2025 19:42:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0187183-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:18:18 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 21:38:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.071	1.073	-0.002	91	59175	200.0	195.0	
2 Dichlorodifluoromethane	85	1.095	1.097	-0.002	99	1006941	200.0	235.0	
3 Chlorodifluoromethane	67	1.113	1.109	0.004	98	111773	200.0	191.4	
4 Chloromethane	50	1.223	1.219	0.004	99	923009	200.0	193.2	
5 Vinyl chloride	62	1.277	1.280	-0.003	98	724202	200.0	202.8	
6 Butadiene	54	1.284	1.286	-0.002	98	709969	200.0	225.3	
7 Bromomethane	94	1.478	1.480	-0.002	99	455807	200.0	181.4	
8 Chloroethane	64	1.521	1.523	-0.002	98	372943	200.0	196.0	
10 Trichlorofluoromethane	101	1.649	1.645	0.004	98	771996	200.0	206.1	
9 Dichlorofluoromethane	67	1.642	1.645	-0.003	99	1175096	200.0	193.3	
11 Pentane	43	1.673	1.675	-0.002	95	1808606	400.0	363.8	
12 Ethanol	46	1.776	1.772	0.004	97	57455	8000.0	8291.1	a
13 Ethyl ether	59	1.807	1.809	-0.002	94	363536	200.0	186.1	
14 2-Methyl-1,3-butadiene	53	1.819	1.821	-0.002	97	554559	200.0	184.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.837	1.839	-0.002	97	478867	200.0	195.6	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.874	1.876	-0.002	96	840169	200.0	191.6	a
18 Acrolein	56	1.934	1.931	0.003	94	81749	200.0	176.7	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.934	1.937	-0.003	96	564102	200.0	199.8	
19 1,1-Dichloroethene	96	1.959	1.961	-0.002	96	662055	200.0	191.5	
20 Acetone	43	2.020	2.022	-0.002	85	752740	1000.0	999.1	
21 Iodomethane	142	2.074	2.071	0.003	99	1346013	200.0	190.8	
22 Isopropyl alcohol	45	2.087	2.083	0.004	100	199280	2000.0	2084.1	a
23 Carbon disulfide	76	2.099	2.101	-0.002	99	2532413	200.0	186.8	
24 3-Chloro-1-propene	76	2.190	2.192	-0.002	98	462374	200.0	199.1	
25 Methyl acetate	43	2.196	2.198	-0.002	99	718708	400.0	388.3	
26 Cyclopentene	67	2.208	2.210	-0.002	95	1955065	200.0	195.3	
27 Acetonitrile	41	2.239	2.241	-0.002	99	790694	2000.0	2181.4	
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	78	152003	1000.0	1000.0	
29 Methylene Chloride	84	2.287	2.290	-0.003	98	784521	200.0	186.7	
30 2-Methyl-2-propanol	59	2.330	2.332	-0.002	99	314484	2000.0	1985.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.409	2.411	-0.002	98	1593152	200.0	188.9	
32 trans-1,2-Dichloroethene	96	2.433	2.436	-0.003	98	696800	200.0	190.6	
33 Acrylonitrile	53	2.488	2.490	-0.002	93	1883537	2000.0	2005.6	
34 Hexane	57	2.555	2.551	0.004	93	662045	200.0	199.2	
35 Isopropyl ether	45	2.719	2.722	-0.003	99	2140509	200.0	192.7	
36 1,1-Dichloroethane	63	2.756	2.752	0.004	99	1271916	200.0	189.8	
37 Vinyl acetate	43	2.762	2.764	-0.002	100	2061523	400.0	443.7	
38 2-Chloro-1,3-butadiene	88	2.792	2.788	0.004	91	578553	200.0	198.1	
39 Tert-butyl ethyl ether	59	2.981	2.983	-0.002	87	1943779	200.0	194.6	
* 40 2-Butanone-d5	46	3.157	3.160	-0.003	80	214459	250.0	250.0	
41 2,2-Dichloropropane	79	3.163	3.166	-0.003	96	285816	200.0	192.3	
42 cis-1,2-Dichloroethene	96	3.194	3.190	0.004	94	706332	200.0	188.9	
43 2-Butanone (MEK)	72	3.206	3.208	-0.002	95	206383	1000.0	1035.5	
44 Ethyl acetate	70	3.206	3.208	-0.002	93	77019	400.0	396.6	
45 Methyl acrylate	55	3.255	3.263	-0.008	99	334152	200.0	200.8	
46 Propionitrile	54	3.315	3.324	-0.009	97	585035	2000.0	2124.7	
47 Chlorobromomethane	128	3.388	3.391	-0.003	97	345205	200.0	191.2	
48 Tetrahydrofuran	72	3.394	3.397	-0.003	93	100314	400.0	423.2	
49 Methacrylonitrile	67	3.407	3.409	-0.002	95	1706640	2000.0	1964.3	
50 Chloroform	83	3.437	3.439	-0.002	98	1138154	200.0	189.9	
51 Cyclohexane	84	3.553	3.549	0.004	96	831401	200.0	206.6	
52 1,1,1-Trichloroethane	97	3.565	3.561	0.004	99	929289	200.0	201.8	
$ 53 Dibromofluoromethane (Surr)	113	3.577	3.579	-0.002	96	122026	50.0	47.2	
54 Carbon tetrachloride	117	3.668	3.671	-0.003	98	794996	200.0	215.5	
55 1,1-Dichloropropene	75	3.699	3.701	-0.002	96	829366	200.0	196.8	
56 Isobutyl alcohol	43	3.839	3.847	-0.008	96	714889	5000.0	5112.8	
57 Isooctane	57	3.851	3.853	-0.002	98	1891953	200.0	218.5	
58 Benzene	78	3.881	3.883	-0.002	97	2282854	200.0	157.2	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.899	3.902	-0.003	0	117631	50.0	46.3	
60 Isopropyl acetate	43	3.936	3.944	-0.008	94	1316123	200.0	211.0	
61 Tert-amyl methyl ether	55	3.942	3.944	-0.002	92	401773	200.0	165.1	
62 1,2-Dichloroethane	62	3.966	3.969	-0.003	95	731447	200.0	182.0	
63 n-Heptane	57	4.027	4.029	-0.002	98	274055	200.0	220.1	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	517377	50.0	50.0	
65 Trichloroethene	95	4.496	4.498	-0.002	98	597821	200.0	189.2	
67 Methylcyclohexane	83	4.611	4.613	-0.002	92	982249	200.0	216.4	
68 Ethyl acrylate	55	4.617	4.613	0.004	98	1240719	200.0	226.8	
66 n-Butanol	56	4.483	4.613	-0.130	36	118410	5000.0	5301.1	a
69 1,2-Dichloropropane	63	4.782	4.778	0.004	91	592004	200.0	201.9	
* 70 1,4-Dioxane-d8	96	4.855	4.857	-0.003	0	19441	1000.0	1000.0	
71 Methyl methacrylate	100	4.873	4.875	-0.002	94	154264	400.0	441.8	
72 Dibromomethane	93	4.915	4.912	0.003	95	362928	200.0	192.8	
73 1,4-Dioxane	88	4.903	4.912	-0.009	83	58880	4000.0	3815.0	
74 n-Propyl acetate	43	4.934	4.942	-0.008	98	498520	200.0	216.5	
75 Dichlorobromomethane	83	5.074	5.076	-0.002	99	720529	200.0	213.6	
76 2-Nitropropane	41	5.414	5.423	-0.009	97	164205	400.0	471.4	
77 2-Chloroethyl vinyl ether	63	5.432	5.435	-0.003	96	233783	200.5	222.0	
78 Epichlorohydrin	57	5.536	5.538	-0.002	99	594450	4000.0	4301.4	
79 cis-1,3-Dichloropropene	75	5.591	5.593	-0.002	95	836665	200.0	194.3	
80 4-Methyl-2-pentanone (MIBK)	43	5.767	5.775	-0.008	98	2101369	1000.0	1085.4	
$ 81 Toluene-d8 (Surr)	98	5.840	5.842	-0.002	99	339285	50.0	43.7	
82 Toluene	91	5.925	5.921	0.004	94	2014296	200.0	183.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.321	6.329	-0.008	98	604318	200.0	212.1	
84 Ethyl methacrylate	69	6.369	6.372	-0.003	93	454295	200.0	248.8	
85 1,1,2-Trichloroethane	83	6.552	6.548	0.004	97	339461	200.0	181.7	
86 Tetrachloroethene	166	6.582	6.585	-0.002	96	481156	200.0	176.4	
87 1,3-Dichloropropane	76	6.777	6.779	-0.002	96	585527	200.0	190.6	
88 2-Hexanone	58	6.868	6.877	-0.008	99	634445	1000.0	1179.0	
89 n-Butyl acetate	43	7.014	7.023	-0.008	97	544884	200.0	185.1	
90 Chlorodibromomethane	129	7.032	7.035	-0.003	98	442740	200.0	204.5	
91 Ethylene Dibromide	107	7.191	7.187	0.004	99	367280	200.0	183.5	
* 92 Chlorobenzene-d5	117	7.799	7.801	-0.002	86	323687	50.0	50.0	
93 Chlorobenzene	112	7.835	7.838	-0.003	94	1253676	200.0	198.6	
94 Ethylbenzene	106	7.951	7.947	0.004	99	644658	200.0	200.1	
95 1,1,1,2-Tetrachloroethane	131	7.969	7.972	-0.003	96	529291	200.0	201.9	
96 m-Xylene & p-Xylene	106	8.109	8.111	-0.002	0	796250	200.0	202.7	
97 o-Xylene	106	8.578	8.580	-0.002	94	865242	200.0	192.1	
98 n-Butyl acrylate	73	8.602	8.604	-0.002	96	312187	200.0	190.7	
99 Styrene	104	8.614	8.616	-0.002	93	1209830	200.0	212.1	
100 Bromoform	173	8.833	8.835	-0.002	95	234864	200.0	219.7	
101 Amyl acetate (mixed isomers)	43	8.857	8.860	-0.003	88	900628	200.0	213.0	
102 Isopropylbenzene	105	8.973	8.969	0.004	96	1998347	200.0	194.7	
$ 103 4-Bromofluorobenzene	174	9.174	9.176	-0.002	90	88944	50.0	46.0	
104 Bromobenzene	156	9.302	9.298	0.004	97	504893	200.0	212.3	
105 1,1,2,2-Tetrachloroethane	83	9.381	9.377	0.004	99	490714	200.0	200.9	
106 N-Propylbenzene	91	9.387	9.389	-0.002	99	2305675	200.0	219.9	
107 1,2,3-Trichloropropane	110	9.411	9.413	-0.002	97	103317	200.0	196.4	
108 trans-1,4-Dichloro-2-butene	53	9.441	9.444	-0.003	90	82430	200.0	202.8	
109 2-Chlorotoluene	91	9.484	9.486	-0.002	97	1649947	200.0	205.5	
110 4-Ethyltoluene	105	9.502	9.505	-0.003	98	1821844	200.0	213.2	
111 1,3,5-Trimethylbenzene	105	9.569	9.571	-0.002	92	1846834	200.0	220.2	
112 4-Chlorotoluene	91	9.600	9.602	-0.002	98	1456492	200.0	213.7	
113 Butyl Methacrylate	87	9.691	9.693	-0.002	93	714741	200.0	208.7	
114 tert-Butylbenzene	119	9.855	9.851	0.004	93	1482428	200.0	218.0	
115 1,2,4-Trimethylbenzene	105	9.916	9.912	0.004	98	1817940	200.0	211.2	
116 sec-Butylbenzene	105	10.050	10.052	-0.002	99	2249899	200.0	227.6	
117 1,3-Dichlorobenzene	146	10.171	10.174	-0.003	97	921426	200.0	203.2	
118 4-Isopropyltoluene	119	10.184	10.186	-0.002	98	1923945	200.0	227.8	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	94	170830	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.263	10.259	0.004	94	947687	200.0	200.1	
121 1,2,3-Trimethylbenzene	105	10.281	10.283	-0.002	99	2054700	200.0	208.0	
122 Benzyl chloride	91	10.390	10.393	-0.003	98	784810	200.0	239.7	
123 2,3-Dihydroindene	117	10.445	10.448	-0.003	95	1758197	200.0	207.4	
124 p-Diethylbenzene	119	10.512	10.508	0.004	92	1094414	200.0	219.6	
125 n-Butylbenzene	92	10.530	10.533	-0.003	98	931046	200.0	221.8	a
126 1,2-Dichlorobenzene	146	10.573	10.575	-0.002	96	1002882	200.0	202.7	
127 1,2,4,5-Tetramethylbenzene	119	11.139	11.141	-0.002	97	2022518	200.0	216.0	
128 1,2-Dibromo-3-Chloropropane	157	11.218	11.220	-0.002	97	113435	200.0	214.9	
129 1,3,5-Trichlorobenzene	180	11.327	11.330	-0.003	97	849586	200.0	203.6	
130 1,2,4-Trichlorobenzene	180	11.808	11.804	0.004	94	822556	200.0	209.3	
131 Hexachlorobutadiene	225	11.893	11.889	0.004	93	279283	200.0	217.8	
132 Naphthalene	128	11.990	11.987	0.003	99	1902846	200.0	196.7	
133 1,2,3-Trichlorobenzene	180	12.167	12.163	0.004	95	733472	200.0	206.8	
S 134 1,2-Dichloroethene, Total	100				0		400.0	379.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		400.0	394.9	
S 136 Total BTEX	1				0		1000.0	935.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00180	Amount Added:	20.00	Units: uL	
7 Freons Hi_00024	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	20.00	Units: uL	
MIX I Hi_00185	Amount Added:	20.00	Units: uL	
Ethanol mix_00098	Amount Added:	20.00	Units: uL	
GAS Hi_00489	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:18:19 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13303.D

Injection Date: 22-Feb-2025 19:42:30 Instrument ID: CVOAMS8 Operator ID:

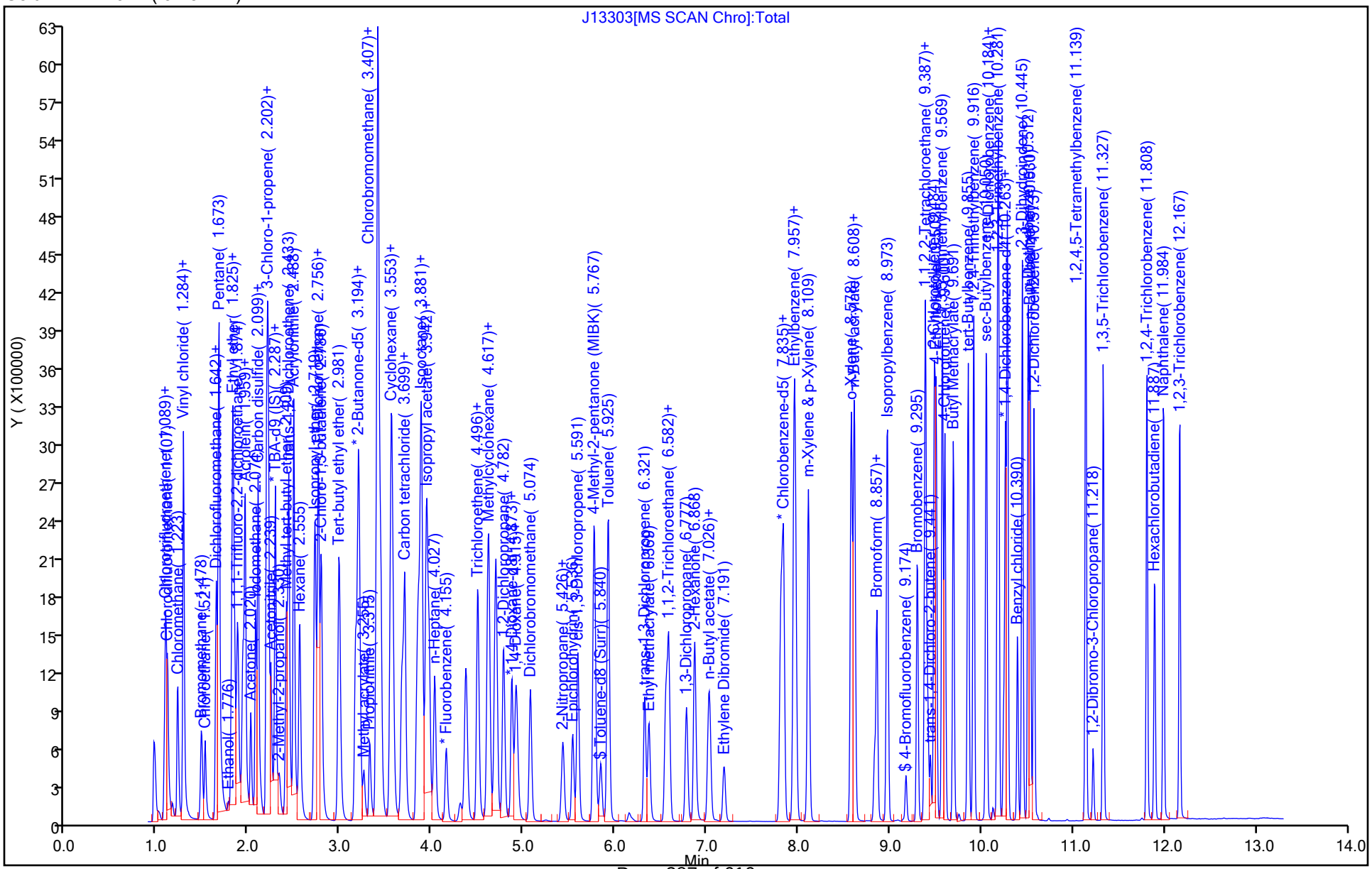
Lims ID: STD200 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

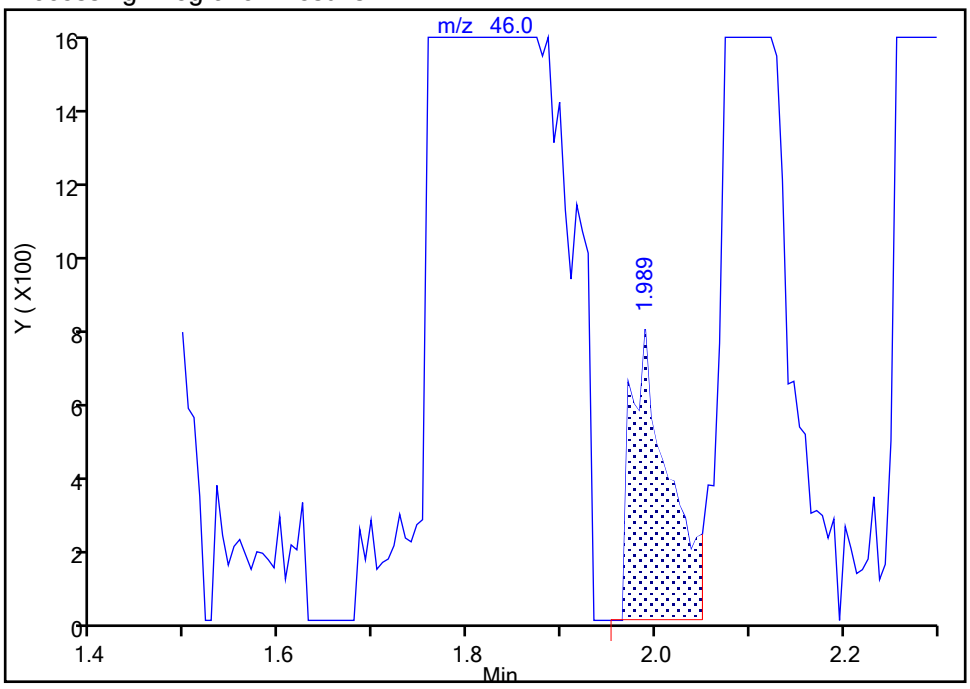
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Injection Date: 22-Feb-2025 19:42:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

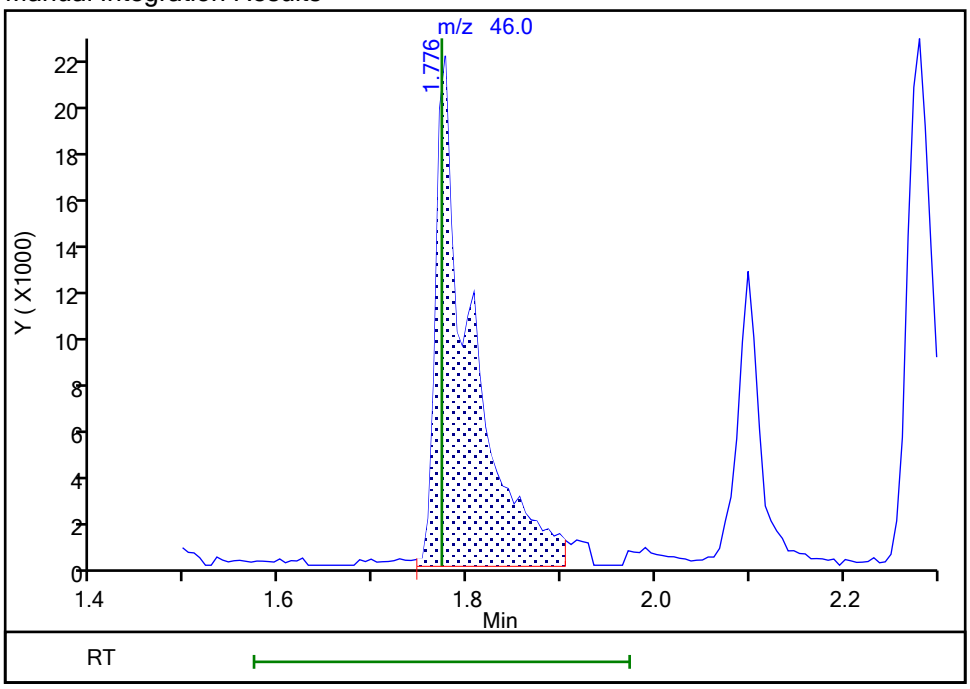
Processing Integration Results

RT: 1.99
Area: 2134
Amount: 315.8838
Amount Units: ug/l



Manual Integration Results

RT: 1.78
Area: 57455
Amount: 8291.1328
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:43:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

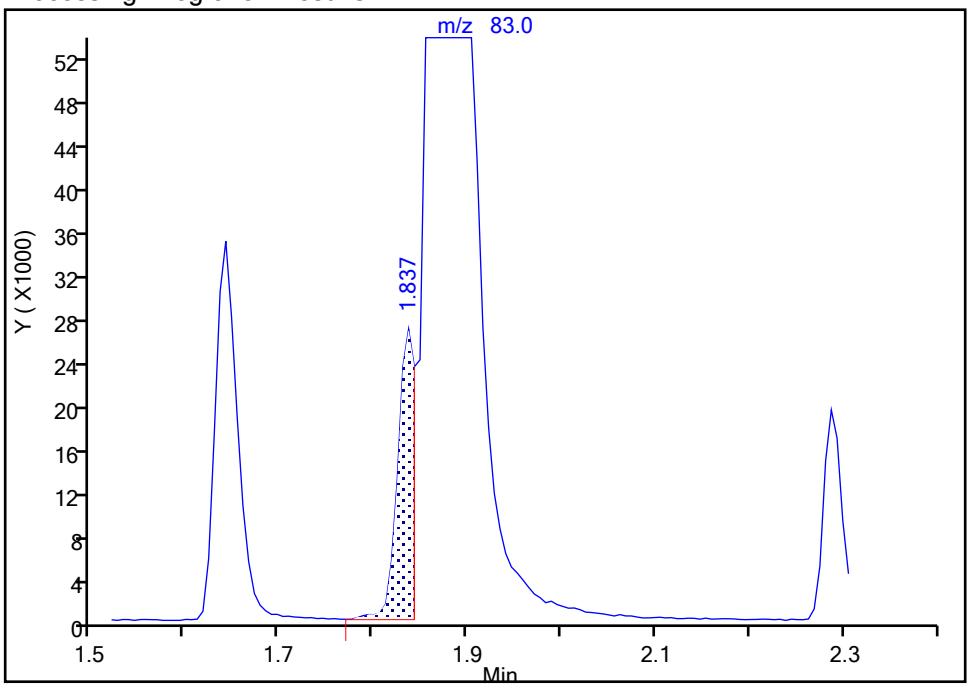
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Injection Date: 22-Feb-2025 19:42:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

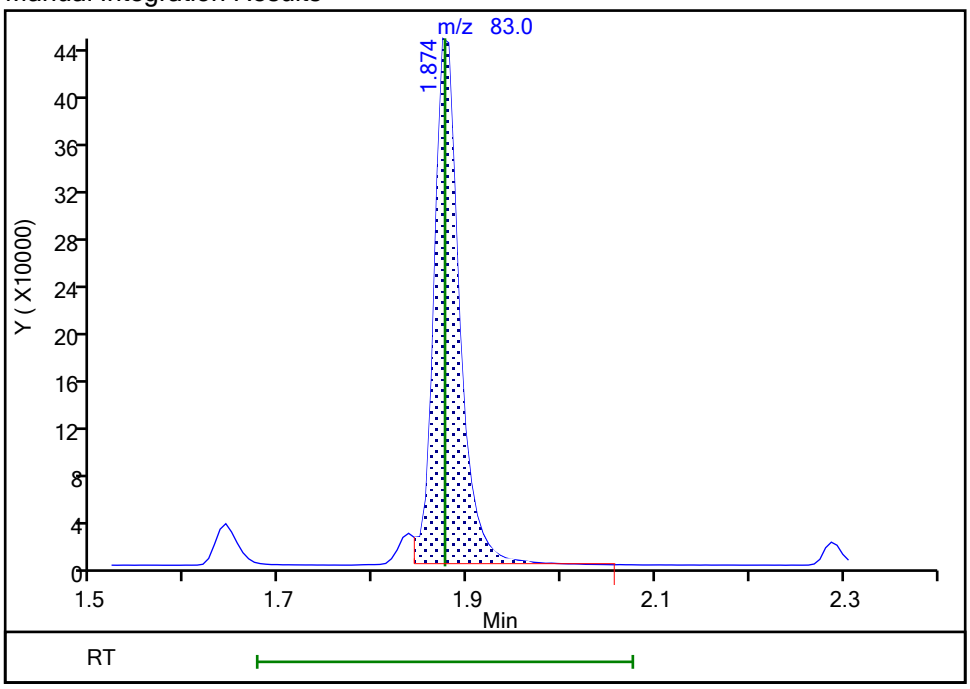
Processing Integration Results

RT: 1.84
Area: 34430
Amount: 11.040619
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 840169
Amount: 191.6134
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:38:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

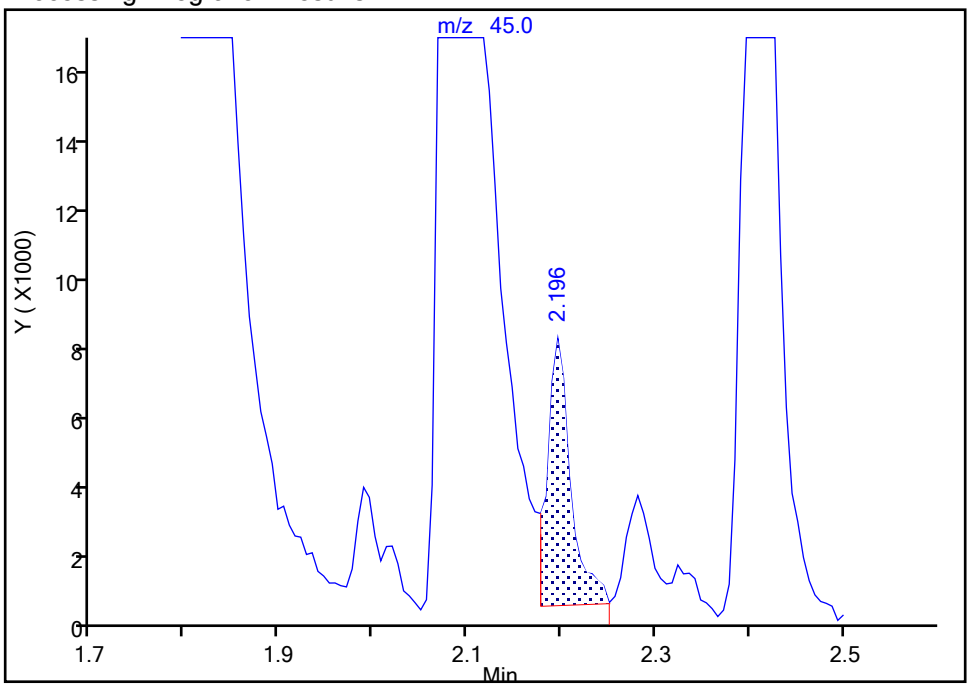
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Injection Date: 22-Feb-2025 19:42:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

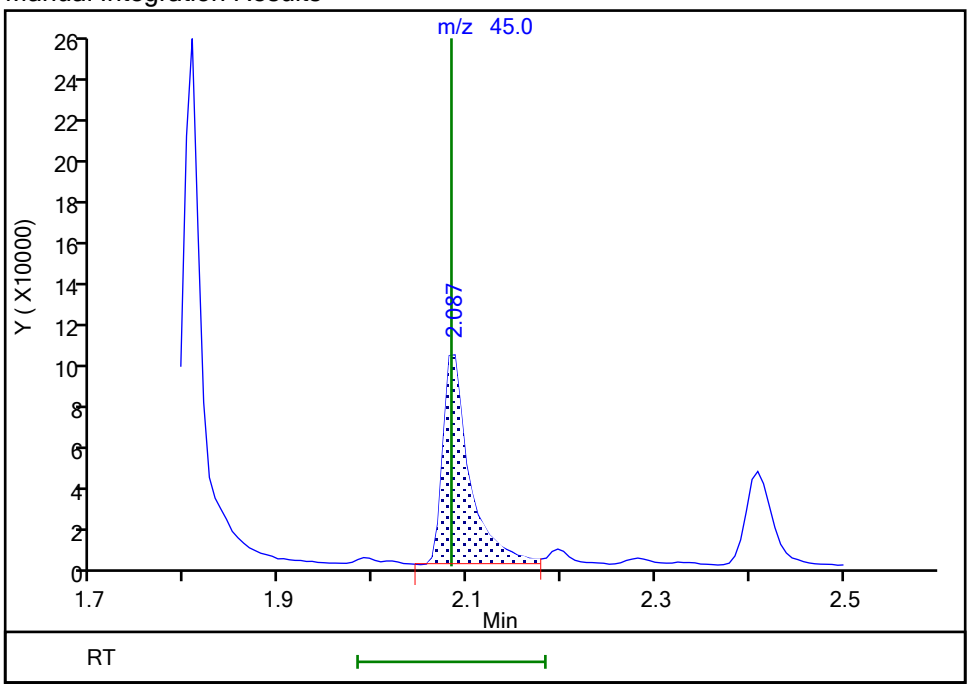
Processing Integration Results

RT: 2.20
Area: 12638
Amount: 382.3359
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 199280
Amount: 2084.1321
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:40:54 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

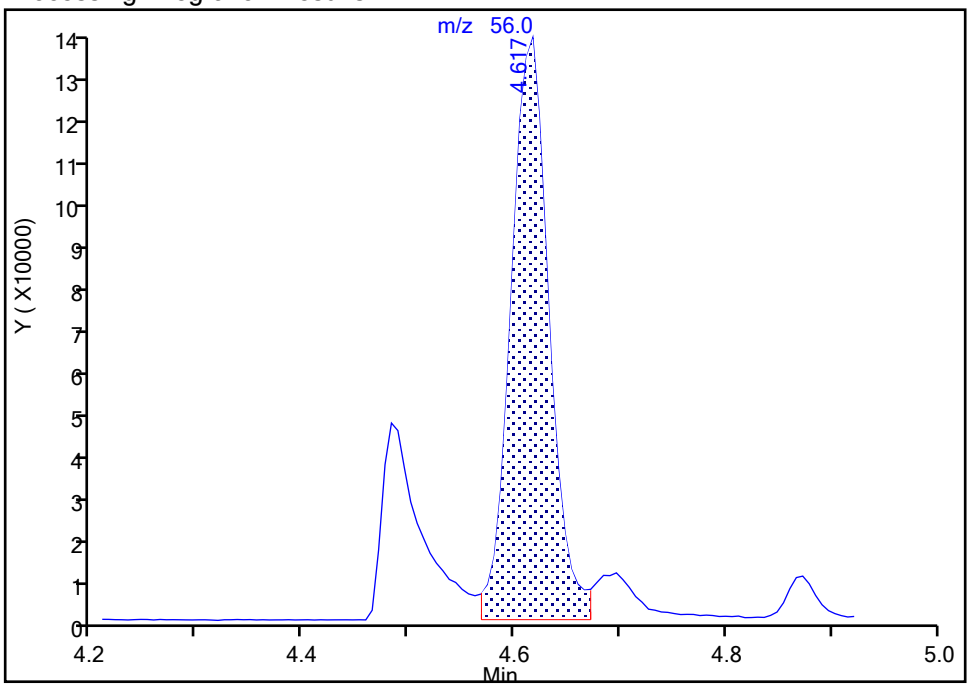
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Injection Date: 22-Feb-2025 19:42:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Signal: 1

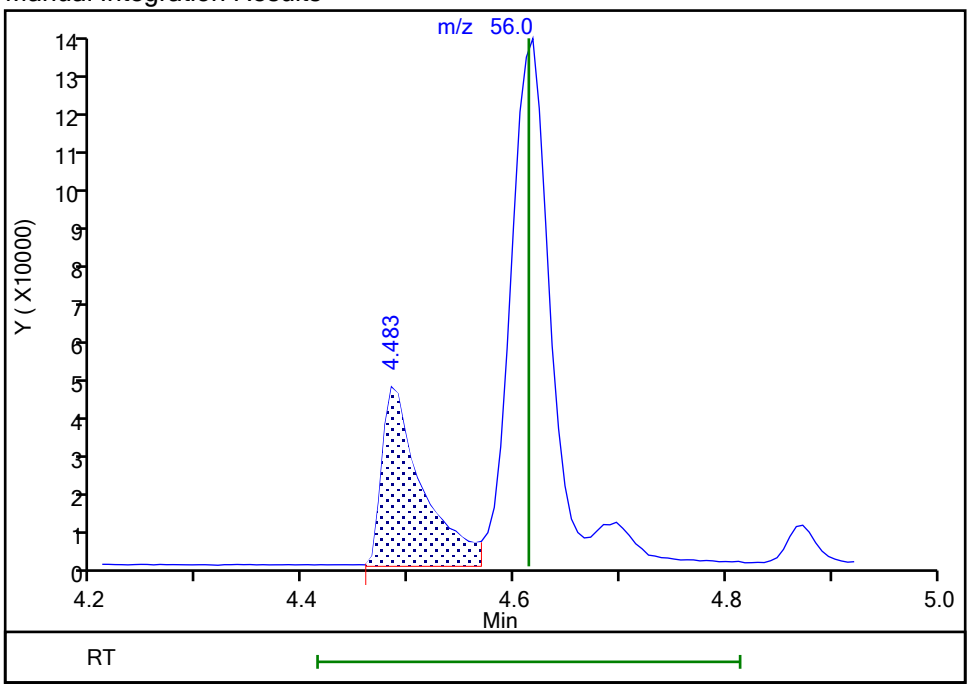
Processing Integration Results

RT: 4.62
Area: 333110
Amount: 5000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.48
Area: 118410
Amount: 5301.1442
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:03:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

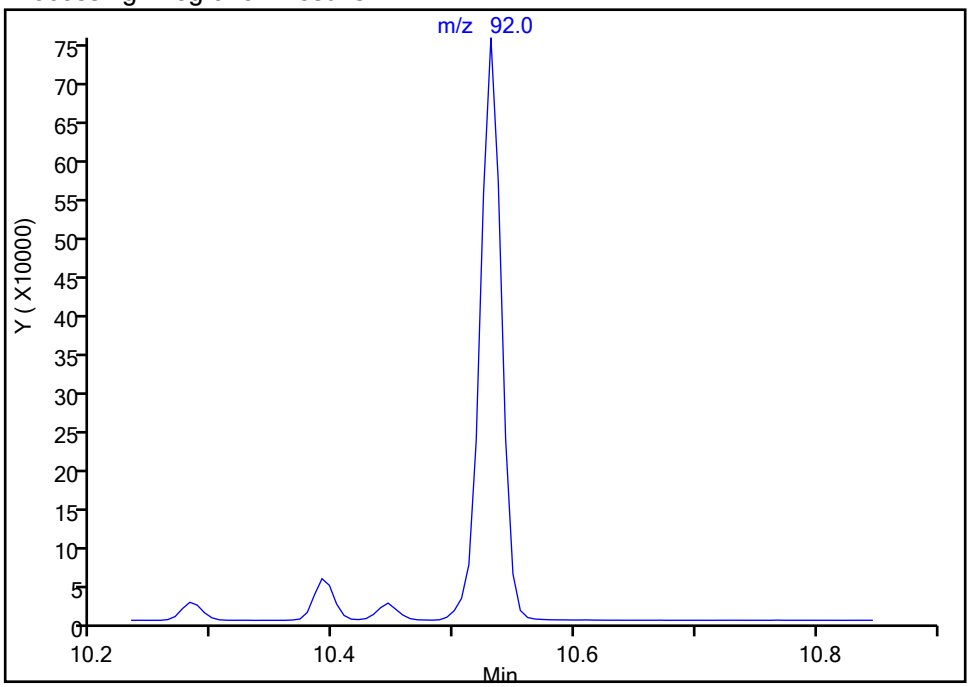
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Injection Date: 22-Feb-2025 19:42:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Signal: 1

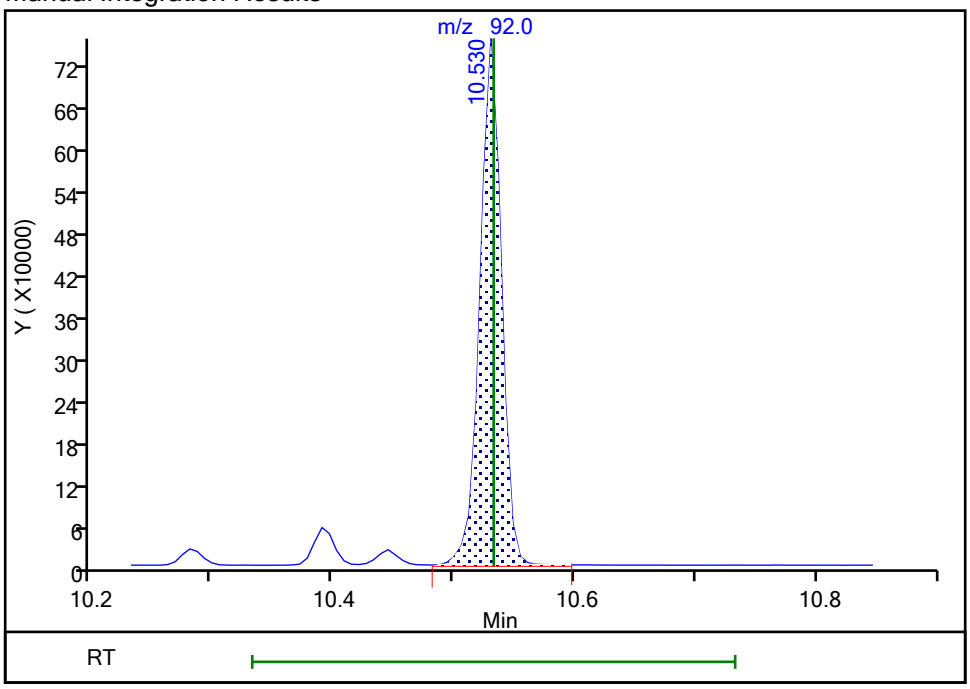
Not Detected
Expected RT: 10.53

Processing Integration Results



Manual Integration Results

RT: 10.53
Area: 931046
Amount: 221.7715
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:53:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Report Date: 23-Feb-2025 11:18:25 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-Feb-2025 20:05:30 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0187183-010
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:18:25 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 21:31:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.073	0.003	89	154752	500.0	454.6	
2 Dichlorodifluoromethane	85	1.094	1.097	-0.003	99	2551745	500.0	530.9	
3 Chlorodifluoromethane	67	1.113	1.109	0.004	97	287268	500.0	438.5	
4 Chloromethane	50	1.222	1.219	0.003	99	2328958	500.0	434.6	
5 Vinyl chloride	62	1.283	1.280	0.003	98	1807791	500.0	451.3	
6 Butadiene	54	1.289	1.286	0.003	97	1709464	500.0	483.6	
7 Bromomethane	94	1.484	1.480	0.004	99	984454	500.0	349.4	
8 Chloroethane	64	1.520	1.523	-0.003	98	812051	500.0	380.5	
10 Trichlorofluoromethane	101	1.648	1.645	0.003	98	1796939	500.0	427.8	
9 Dichlorofluoromethane	67	1.648	1.645	0.003	98	2741236	500.0	402.0	
11 Pentane	43	1.672	1.675	-0.003	94	4082340	1000.0	732.2	
12 Ethanol	46	1.776	1.772	0.004	95	170362	20000	19791	a
13 Ethyl ether	59	1.806	1.809	-0.003	95	955231	500.0	437.1	
14 2-Methyl-1,3-butadiene	53	1.824	1.821	0.003	98	1368747	500.0	406.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.836	1.839	-0.003	95	1194100	500.0	434.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.879	1.876	0.003	95	2098063	500.0	426.6	a
18 Acrolein	56	1.934	1.931	0.003	94	191932	400.0	333.9	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.940	1.937	0.003	96	1470849	500.0	464.4	
19 1,1-Dichloroethene	96	1.958	1.961	-0.003	97	1696093	500.0	437.4	
20 Acetone	43	2.019	2.022	-0.003	86	1848418	2500.0	2077.6	
21 Iodomethane	142	2.074	2.071	0.003	99	3226906	500.0	407.9	
22 Isopropyl alcohol	45	2.086	2.083	0.003	100	619079	5000.0	5212.2	a
23 Carbon disulfide	76	2.098	2.101	-0.003	100	5901172	500.0	388.2	
24 3-Chloro-1-propene	76	2.189	2.192	-0.003	98	1201246	500.0	461.1	
25 Methyl acetate	43	2.195	2.198	-0.003	100	1913040	1000.0	832.1	
26 Cyclopentene	67	2.208	2.210	-0.002	95	4928469	500.0	439.0	
27 Acetonitrile	41	2.238	2.241	-0.003	97	1955370	5000.0	4342.9	
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	79	188816	1000.0	1000.0	
29 Methylene Chloride	84	2.287	2.290	-0.003	98	1988663	500.0	421.9	
30 2-Methyl-2-propanol	59	2.335	2.332	0.003	99	945209	5000.0	4804.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.408	2.411	-0.003	98	4139578	500.0	437.7	
32 trans-1,2-Dichloroethene	96	2.433	2.436	-0.003	97	1795369	500.0	437.8	
33 Acrylonitrile	53	2.493	2.490	0.003	92	4919070	5000.0	4216.7	
34 Hexane	57	2.554	2.551	0.003	93	1741378	500.0	467.2	
35 Isopropyl ether	45	2.719	2.722	-0.003	99	5420036	500.0	435.0	
36 1,1-Dichloroethane	63	2.755	2.752	0.003	99	3307621	500.0	440.0	
37 Vinyl acetate	43	2.761	2.764	-0.003	100	5849468	1000.0	1122.4	
38 2-Chloro-1,3-butadiene	88	2.792	2.788	0.004	91	1549457	500.0	473.1	
39 Tert-butyl ethyl ether	59	2.986	2.983	0.003	88	5114626	500.0	456.6	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	79	253260	250.0	250.0	
41 2,2-Dichloropropane	79	3.169	3.166	0.003	96	722783	500.0	433.7	
42 cis-1,2-Dichloroethene	96	3.193	3.190	0.003	94	1888809	500.0	450.5	
43 2-Butanone (MEK)	72	3.205	3.208	-0.003	97	565956	2500.0	2404.7	
44 Ethyl acetate	70	3.205	3.208	-0.003	96	230221	1000.0	1003.9	
45 Methyl acrylate	55	3.254	3.263	-0.009	100	1006586	500.0	539.3	
46 Propionitrile	54	3.321	3.324	-0.003	97	1659410	5000.0	4851.7	
47 Chlorobromomethane	128	3.394	3.391	0.003	94	911468	500.0	450.1	
48 Tetrahydrofuran	72	3.394	3.397	-0.003	63	266319	1000.0	951.3	
49 Methacrylonitrile	67	3.412	3.409	0.003	94	4647235	5000.0	4768.8	
50 Chloroform	83	3.443	3.439	0.003	98	2966490	500.0	441.3	
51 Cyclohexane	84	3.552	3.549	0.003	95	2054777	500.0	455.1	
52 1,1,1-Trichloroethane	97	3.564	3.561	0.003	99	2300545	500.0	445.4	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.579	0.003	96	142553	50.0	49.1	
54 Carbon tetrachloride	117	3.674	3.671	0.003	98	2051019	500.0	495.7	
55 1,1-Dichloropropene	75	3.704	3.701	0.003	96	2270892	500.0	480.5	
56 Isobutyl alcohol	43	3.832	3.847	-0.015	95	1999820	12500	12481	
57 Isooctane	57	3.856	3.853	0.003	95	4569470	500.0	470.5	
58 Benzene	78	3.881	3.883	-0.003	97	6076480	500.0	380.1	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.899	3.902	-0.003	0	143070	50.0	50.2	
60 Isopropyl acetate	43	3.941	3.944	-0.003	95	3596926	500.0	514.2	
61 Tert-amyl methyl ether	55	3.941	3.944	-0.003	92	1117290	500.0	409.4	
62 1,2-Dichloroethane	62	3.972	3.969	0.003	96	1979718	500.0	439.1	
63 n-Heptane	57	4.027	4.029	-0.002	98	721504	500.0	516.6	
* 64 Fluorobenzene	96	4.154	4.157	-0.003	98	580300	50.0	50.0	
65 Trichloroethene	95	4.501	4.498	0.003	98	1645993	500.0	464.4	
68 Ethyl acrylate	55	4.623	4.613	0.010	96	3253229	500.0	530.3	
66 n-Butanol	56	4.477	4.613	-0.136	93	496698	12500	17901	a
67 Methylcyclohexane	83	4.617	4.613	0.004	90	2380168	500.0	467.5	
69 1,2-Dichloropropane	63	4.781	4.778	0.003	93	1640437	500.0	498.9	
* 70 1,4-Dioxane-d8	96	4.854	4.857	-0.003	0	26474	1000.0	1000.0	M
71 Methyl methacrylate	100	4.872	4.875	-0.003	94	474958	1000.0	1212.8	
72 Dibromomethane	93	4.915	4.912	0.003	95	999672	500.0	473.4	
73 1,4-Dioxane	88	4.903	4.912	-0.009	85	188803	10000	8983.2	
74 n-Propyl acetate	43	4.933	4.942	-0.009	98	1529035	500.0	592.2	
75 Dichlorobromomethane	83	5.073	5.076	-0.003	99	1971462	500.0	521.2	
76 2-Nitropropane	41	5.420	5.423	-0.003	98	526190	1000.0	1216.1	
77 2-Chloroethyl vinyl ether	63	5.432	5.435	-0.003	96	723907	501.2	613.0	
78 Epichlorohydrin	57	5.541	5.538	0.003	98	1773476	10000	10863	
79 cis-1,3-Dichloropropene	75	5.596	5.593	0.003	94	2377295	500.0	501.6	
80 4-Methyl-2-pentanone (MIBK)	43	5.772	5.775	-0.003	98	5513449	2500.0	2411.6	
$ 81 Toluene-d8 (Surr)	98	5.845	5.842	0.003	98	419211	50.0	49.0	
82 Toluene	91	5.925	5.921	0.004	94	5449826	500.0	450.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 trans-1,3-Dichloropropene	75	6.320	6.329	-0.009	96	1786705	500.0	569.8	
84 Ethyl methacrylate	69	6.369	6.372	-0.003	93	1327874	500.0	648.3	
85 1,1,2-Trichloroethane	83	6.551	6.548	0.003	96	976222	500.0	474.6	
86 Tetrachloroethene	166	6.588	6.585	0.004	95	1346175	500.0	448.5	
87 1,3-Dichloropropane	76	6.776	6.779	-0.003	97	1710766	500.0	506.1	
88 2-Hexanone	58	6.867	6.877	-0.009	98	1740843	2500.0	2739.4	
89 n-Butyl acetate	43	7.013	7.023	-0.009	99	1645153	500.0	507.8	
90 Chlorodibromomethane	129	7.032	7.035	-0.003	98	1318126	500.0	553.2	
91 Ethylene Dibromide	107	7.190	7.187	0.003	99	1079780	500.0	490.1	
* 92 Chlorobenzene-d5	117	7.804	7.801	0.003	87	356291	50.0	50.0	
93 Chlorobenzene	112	7.841	7.838	0.003	94	3362026	500.0	483.9	
94 Ethylbenzene	106	7.956	7.947	0.009	99	1732003	500.0	488.4	
95 1,1,1,2-Tetrachloroethane	131	7.975	7.972	0.003	97	1343310	500.0	465.5	
96 m-Xylene & p-Xylene	106	8.115	8.111	0.004	0	2104956	500.0	486.9	
97 o-Xylene	106	8.577	8.580	-0.003	94	2226397	500.0	449.1	
98 n-Butyl acrylate	73	8.601	8.604	-0.003	97	923668	500.0	512.7	
99 Styrene	104	8.613	8.616	-0.003	93	3379166	500.0	538.3	
100 Bromoform	173	8.832	8.835	-0.003	95	713799	500.0	606.6	
101 Amyl acetate (mixed isomers)	43	8.857	8.860	-0.003	88	2462538	500.0	525.4	
102 Isopropylbenzene	105	8.972	8.969	0.003	97	4742437	500.0	419.8	
$ 103 4-Bromofluorobenzene	174	9.179	9.176	0.003	91	111558	50.0	52.5	
104 Bromobenzene	156	9.301	9.298	0.003	96	1424582	500.0	540.3	
105 1,1,2,2-Tetrachloroethane	83	9.380	9.377	0.003	99	1381717	500.0	510.1	
106 N-Propylbenzene	91	9.392	9.389	0.003	99	5825291	500.0	501.0	
107 1,2,3-Trichloropropane	110	9.416	9.413	0.003	98	292819	500.0	502.1	
108 trans-1,4-Dichloro-2-butene	53	9.441	9.444	-0.003	94	275036	500.0	610.4	
109 2-Chlorotoluene	91	9.489	9.486	0.003	97	4426064	500.0	497.2	
110 4-Ethyltoluene	105	9.508	9.505	0.003	97	4959210	500.0	523.3	
111 1,3,5-Trimethylbenzene	105	9.575	9.571	0.004	93	4615345	500.0	496.2	
112 4-Chlorotoluene	91	9.605	9.602	0.003	97	4369062	500.0	578.1	
113 Butyl Methacrylate	87	9.696	9.693	0.003	93	1975402	500.0	520.3	
114 tert-Butylbenzene	119	9.854	9.851	0.003	92	3828805	500.0	507.8	
115 1,2,4-Trimethylbenzene	105	9.915	9.912	0.003	98	4656491	500.0	487.9	
116 sec-Butylbenzene	105	10.055	10.052	0.003	98	5468002	500.0	498.9	
117 1,3-Dichlorobenzene	146	10.177	10.174	0.003	95	2568485	500.0	510.8	
118 4-Isopropyltoluene	119	10.189	10.186	0.003	97	4554869	500.0	486.4	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	93	189406	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.262	10.259	0.003	96	2615956	500.0	498.3	
121 1,2,3-Trimethylbenzene	105	10.286	10.283	0.003	98	5102574	500.0	466.0	
122 Benzyl chloride	91	10.396	10.393	0.003	99	2411566	500.0	664.3	
123 2,3-Dihydroindene	117	10.451	10.448	0.003	95	4533374	500.0	482.2	
124 p-Diethylbenzene	119	10.511	10.508	0.003	92	2717967	500.0	492.0	
125 n-Butylbenzene	92	10.536	10.533	0.003	99	2334443	500.0	501.5	
126 1,2-Dichlorobenzene	146	10.578	10.575	0.003	95	2680719	500.0	488.7	
127 1,2,4,5-Tetramethylbenzene	119	11.138	11.141	-0.003	97	4696286	500.0	452.3	
128 1,2-Dibromo-3-Chloropropane	157	11.223	11.220	0.003	97	324350	500.0	554.2	
129 1,3,5-Trichlorobenzene	180	11.333	11.330	0.003	98	2002335	500.0	432.7	
130 1,2,4-Trichlorobenzene	180	11.807	11.804	0.003	95	1929897	500.0	443.0	
131 Hexachlorobutadiene	225	11.892	11.889	0.003	93	645965	500.0	454.3	
132 Naphthalene	128	11.990	11.987	0.003	98	4576725	500.0	426.7	
133 1,2,3-Trichlorobenzene	180	12.166	12.163	0.003	95	1673985	500.0	425.7	
S 134 1,2-Dichloroethene, Total	100				0		1000.0	888.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		1000.0	936.0	
S 136 Total BTEX	1				0		2500.0	2254.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00180	Amount Added:	40.00	Units: uL	
7 Freons Hi_00024	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00158	Amount Added:	50.00	Units: uL	
MIX I Hi_00185	Amount Added:	50.00	Units: uL	
Ethanol mix_00098	Amount Added:	50.00	Units: uL	
GAS Hi_00489	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:18:25 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Injection Date: 22-Feb-2025 20:05:30 Instrument ID: CVOAMS8 Operator ID:

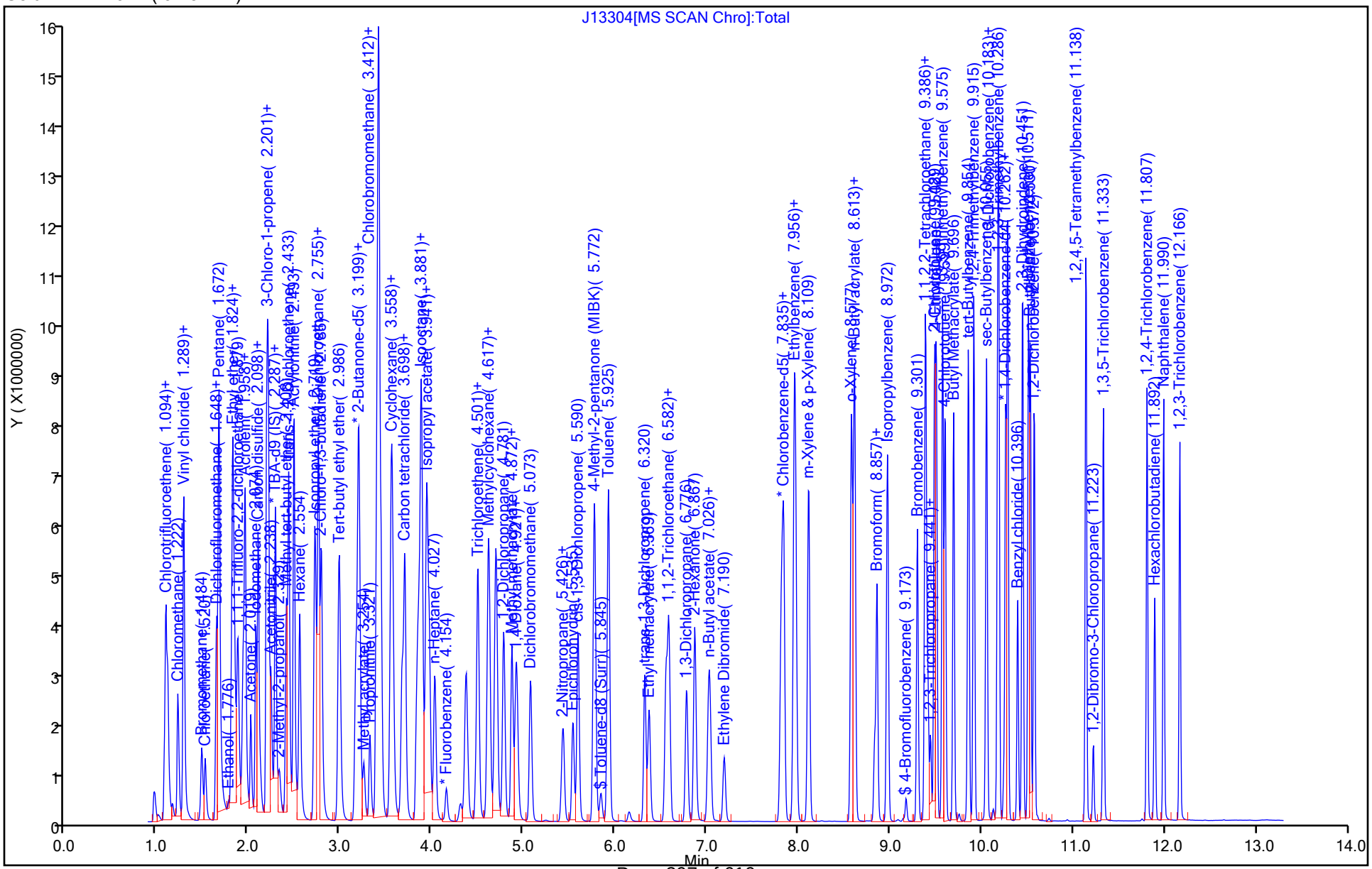
Lims ID: STD500 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

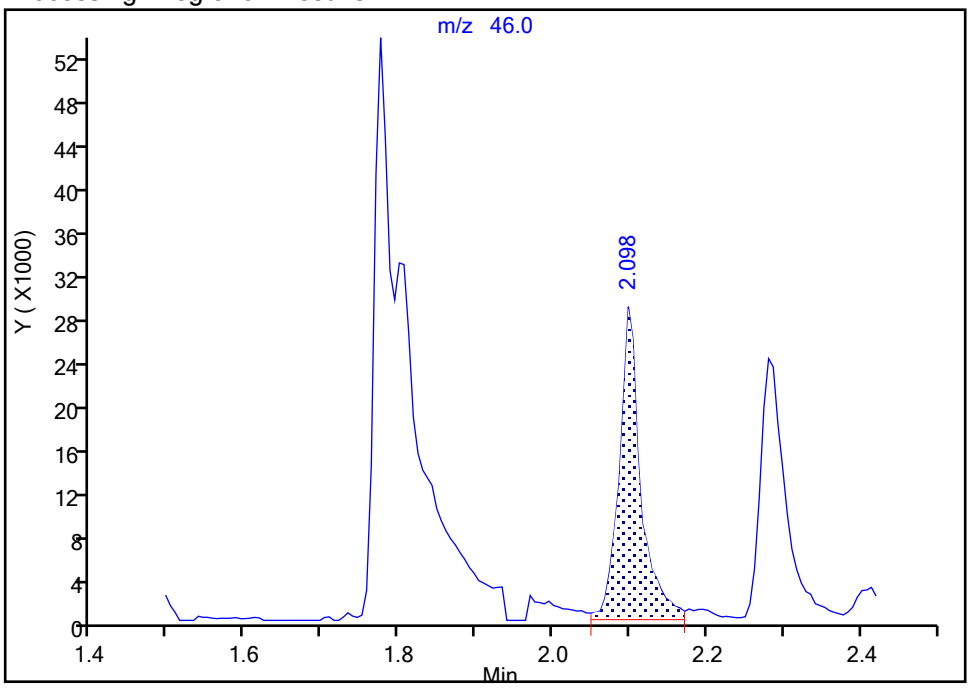
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Injection Date: 22-Feb-2025 20:05:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

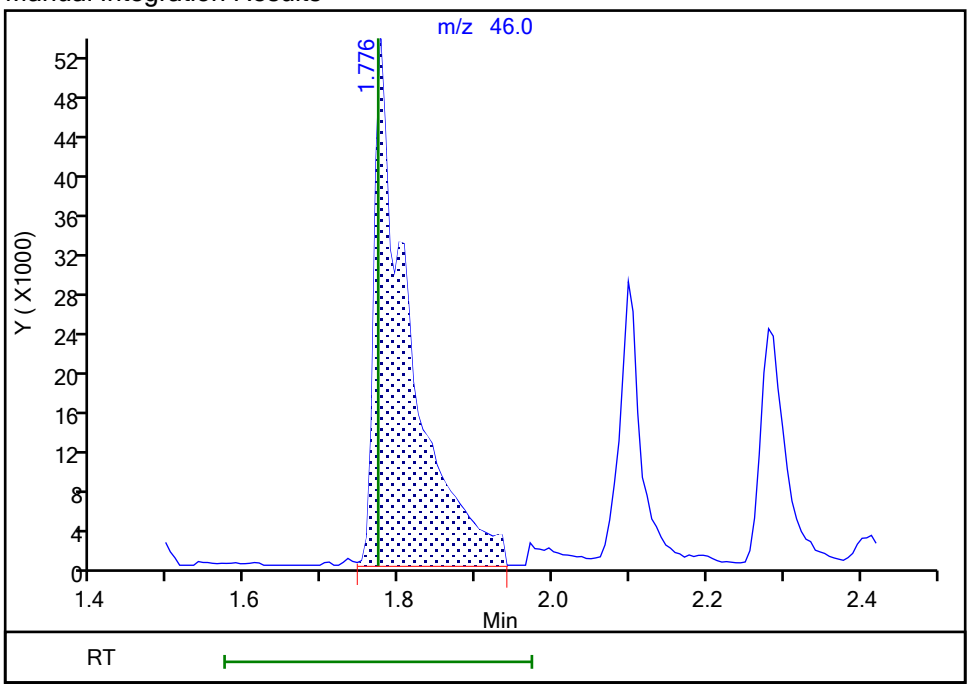
Processing Integration Results

RT: 2.10
Area: 56803
Amount: 5782.4073
Amount Units: ug/l



Manual Integration Results

RT: 1.78
Area: 170362
Amount: 19791
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:43:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

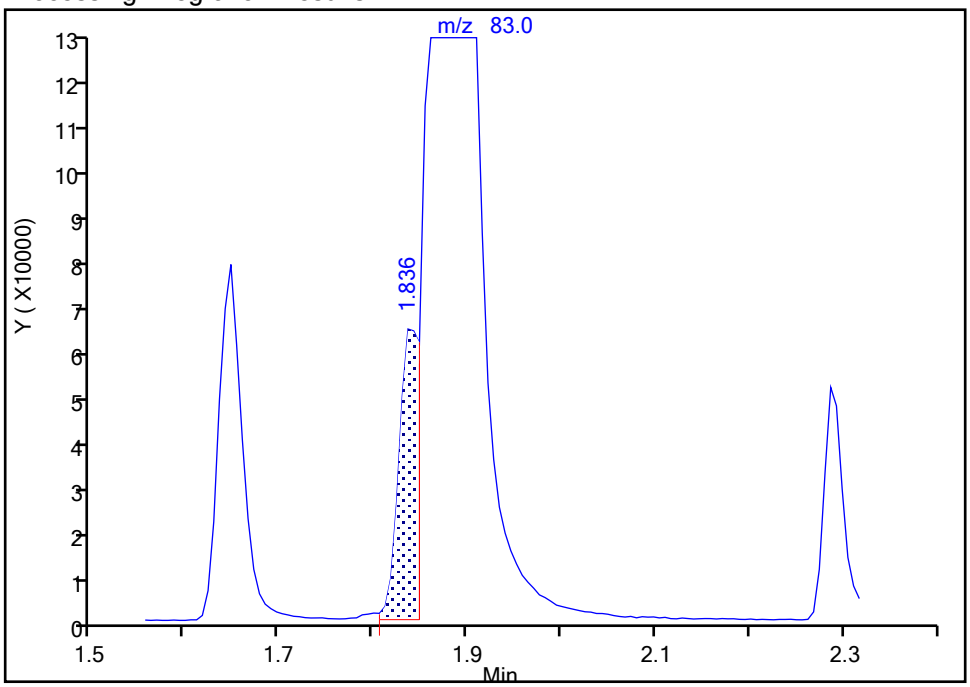
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Injection Date: 22-Feb-2025 20:05:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

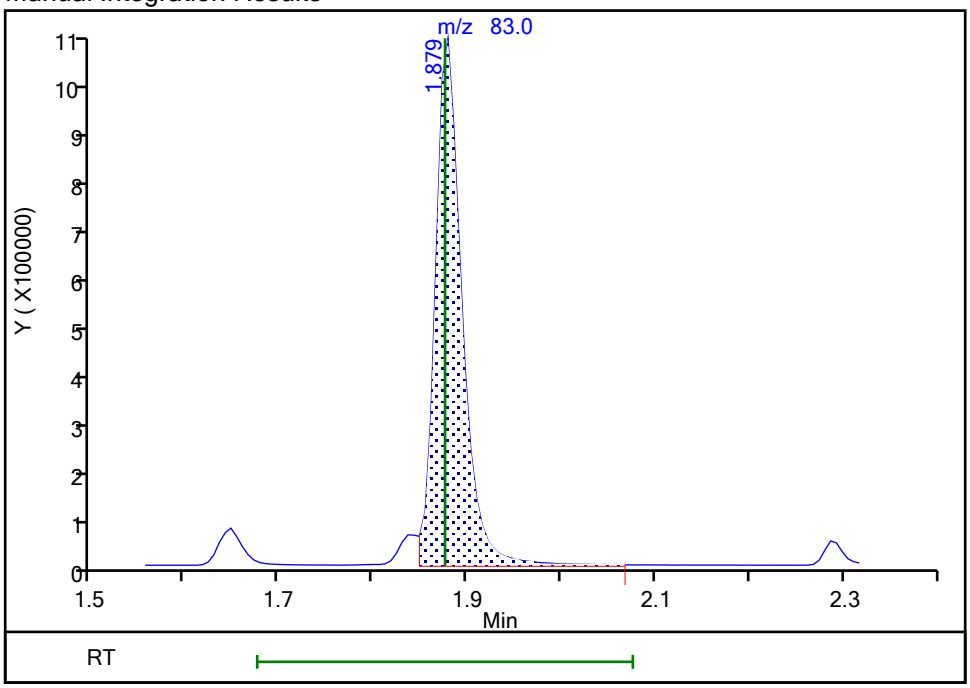
Processing Integration Results

RT: 1.84
Area: 96731
Amount: 22.755617
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 2098063
Amount: 426.6113
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:39:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

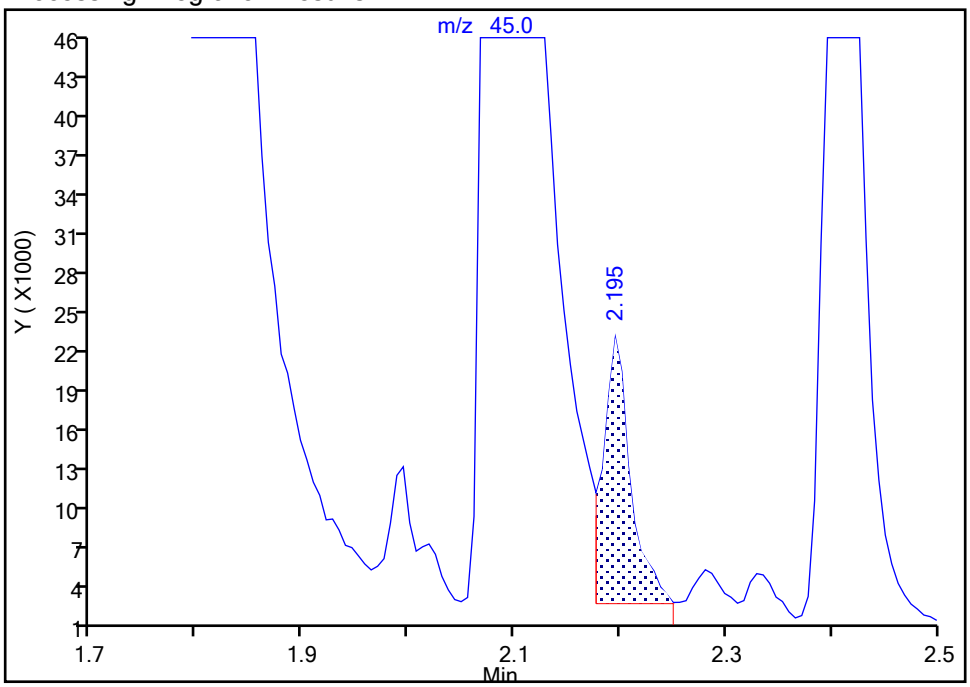
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Injection Date: 22-Feb-2025 20:05:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

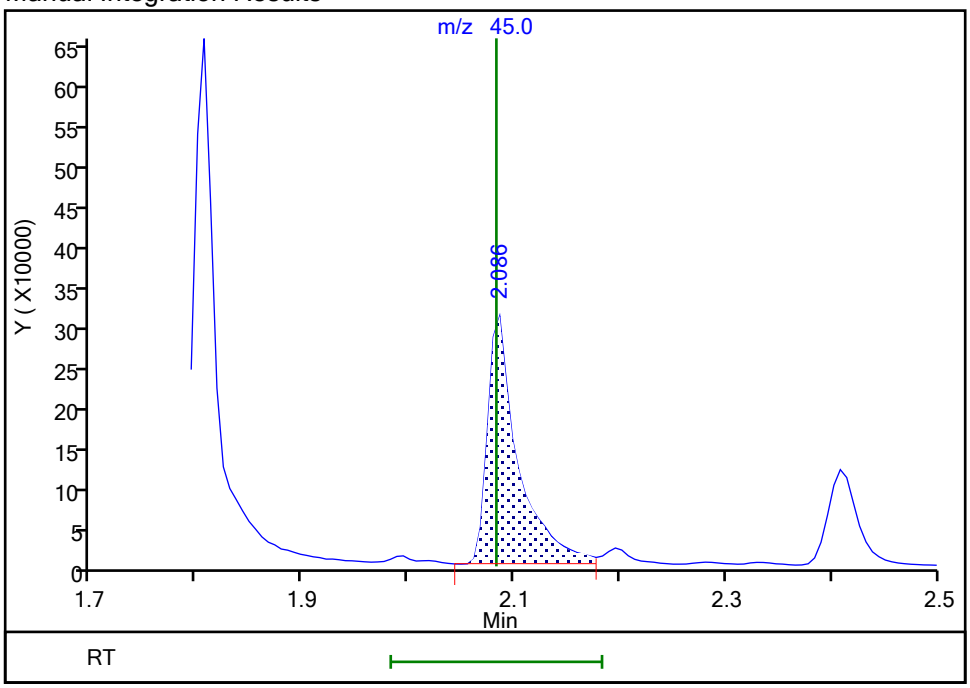
Processing Integration Results

RT: 2.20
Area: 36494
Amount: 1686.3684
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 619079
Amount: 5212.1988
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 21:40:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

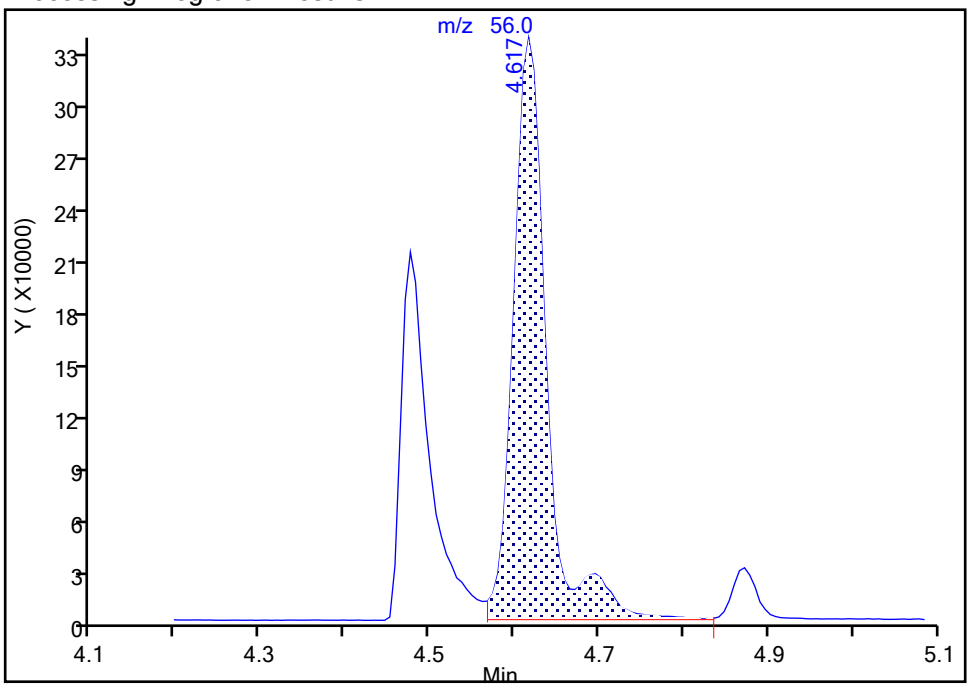
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Injection Date: 22-Feb-2025 20:05:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Signal: 1

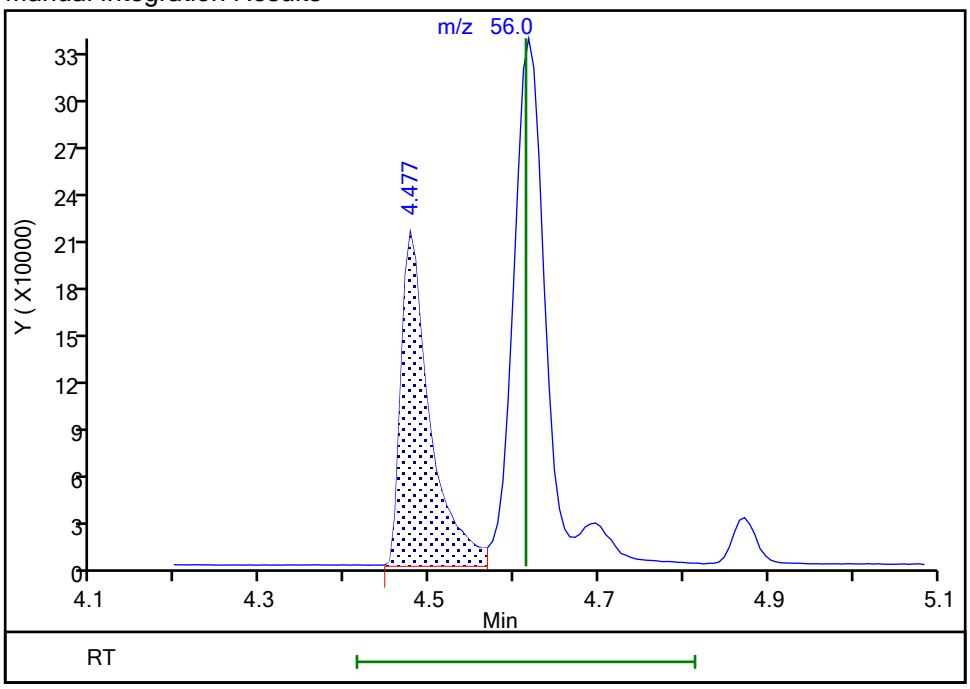
Processing Integration Results

RT: 4.62
Area: 916438
Amount: 12502
Amount Units: ug/l



Manual Integration Results

RT: 4.48
Area: 496698
Amount: 17901
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:04:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

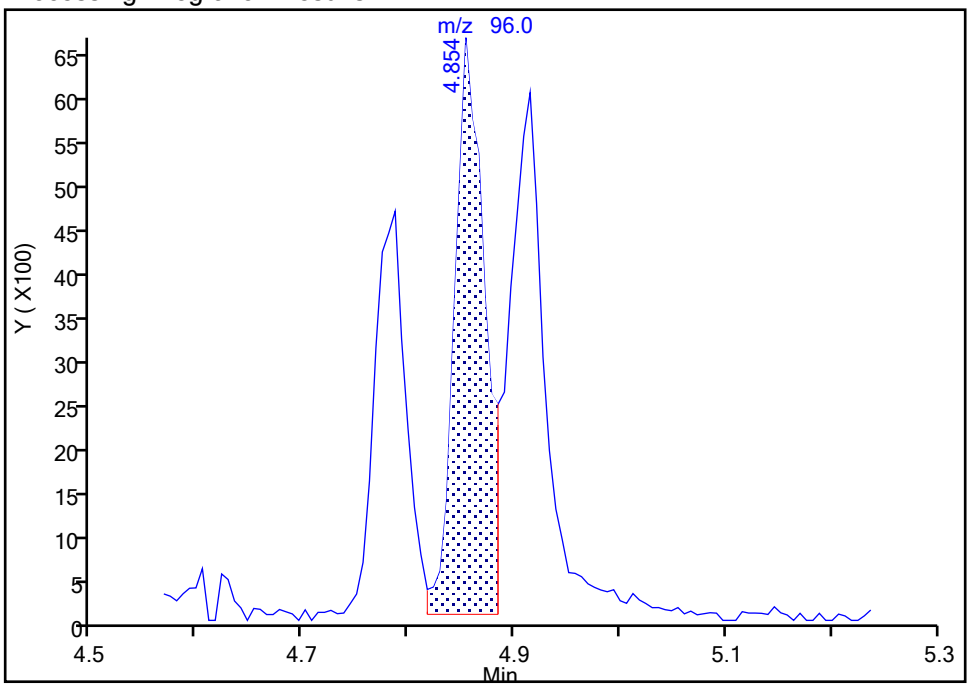
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Injection Date: 22-Feb-2025 20:05:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 70 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

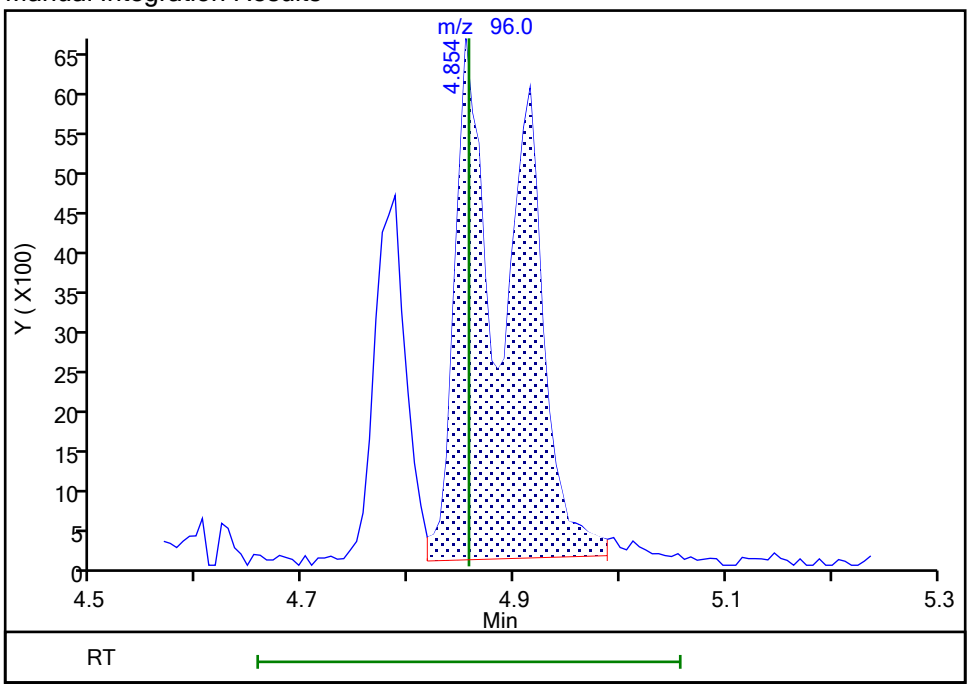
Processing Integration Results

RT: 4.85
Area: 13372
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 26474
Amount: 1000.0000
Amount Units: ug/l



Reviewer: PUV6, 22-Feb-2025 22:17:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

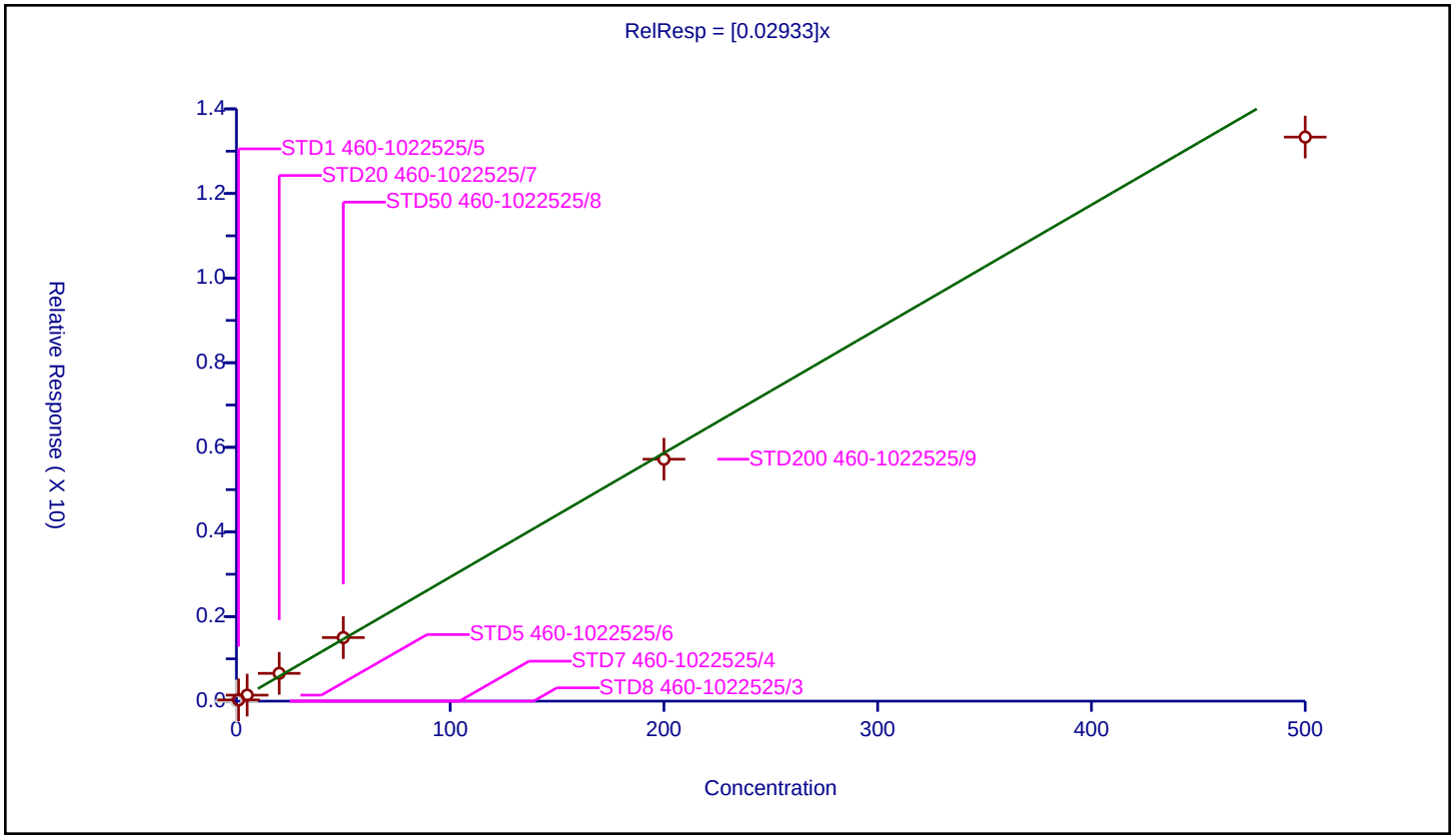
Curve Coefficients

Intercept:	0
Slope:	0.02933

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
3	STD1 460-1022525/5	1.0	0.029447	50.0	468641.0	0.029447	Y
4	STD5 460-1022525/6	5.0	0.141935	50.0	478389.0	0.028387	Y
5	STD20 460-1022525/7	20.0	0.656682	50.0	485014.0	0.032834	Y
6	STD50 460-1022525/8	50.0	1.50235	50.0	503711.0	0.030047	Y
7	STD200 460-1022525/9	200.0	5.718751	50.0	517377.0	0.028594	Y
8	STD500 460-1022525/10	500.0	13.333793	50.0	580300.0	0.026668	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

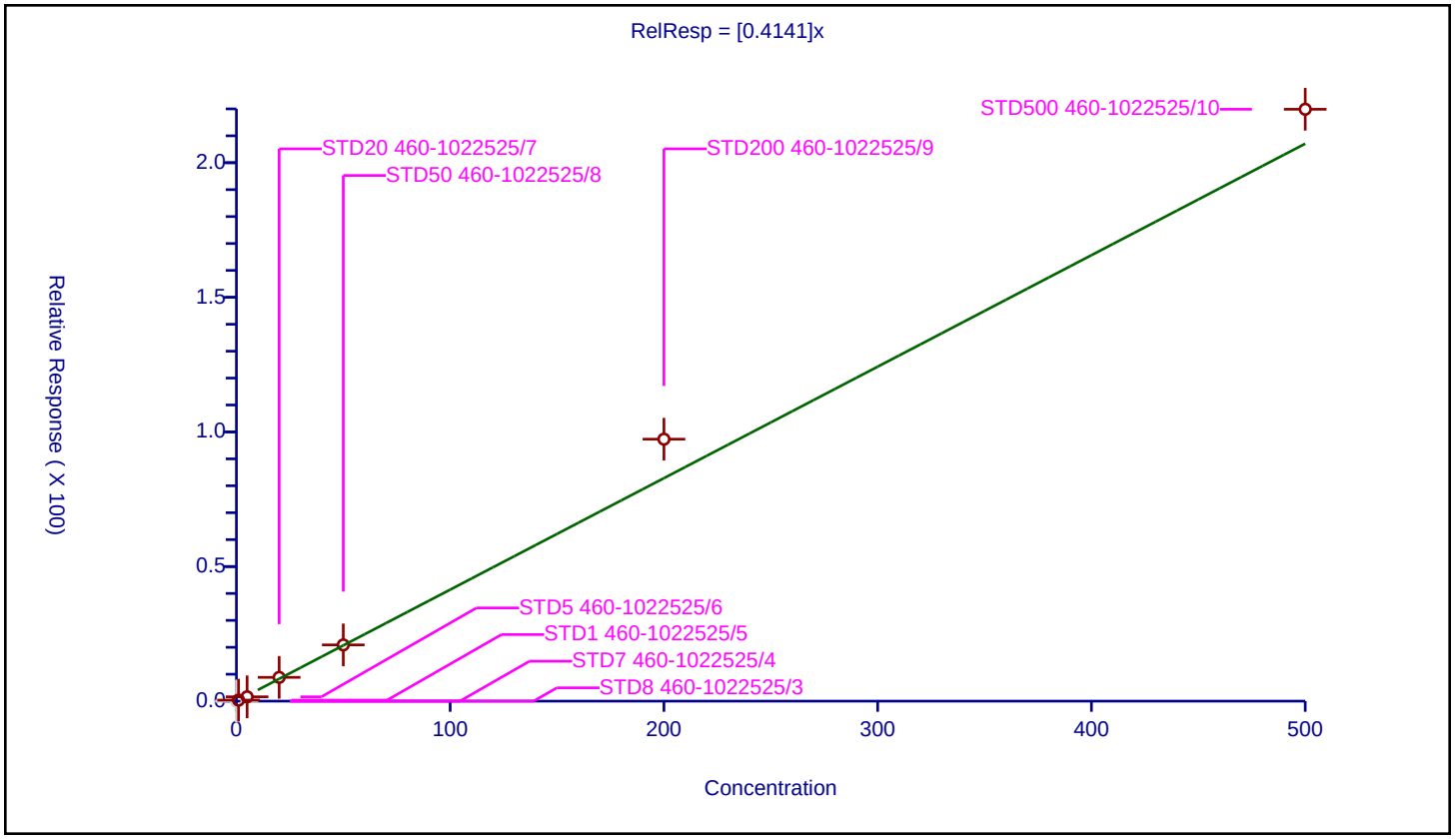
Curve Coefficients

Intercept:	0
Slope:	0.4141

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.378221	50.0	468641.0	0.378221	Y
4	STD5 460-1022525/6	5.0	1.606015	50.0	478389.0	0.321203	Y
5	STD20 460-1022525/7	20.0	8.825415	50.0	485014.0	0.441271	Y
6	STD50 460-1022525/8	50.0	20.893131	50.0	503711.0	0.417863	Y
7	STD200 460-1022525/9	200.0	97.312115	50.0	517377.0	0.486561	Y
8	STD500 460-1022525/10	500.0	219.864294	50.0	580300.0	0.439729	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

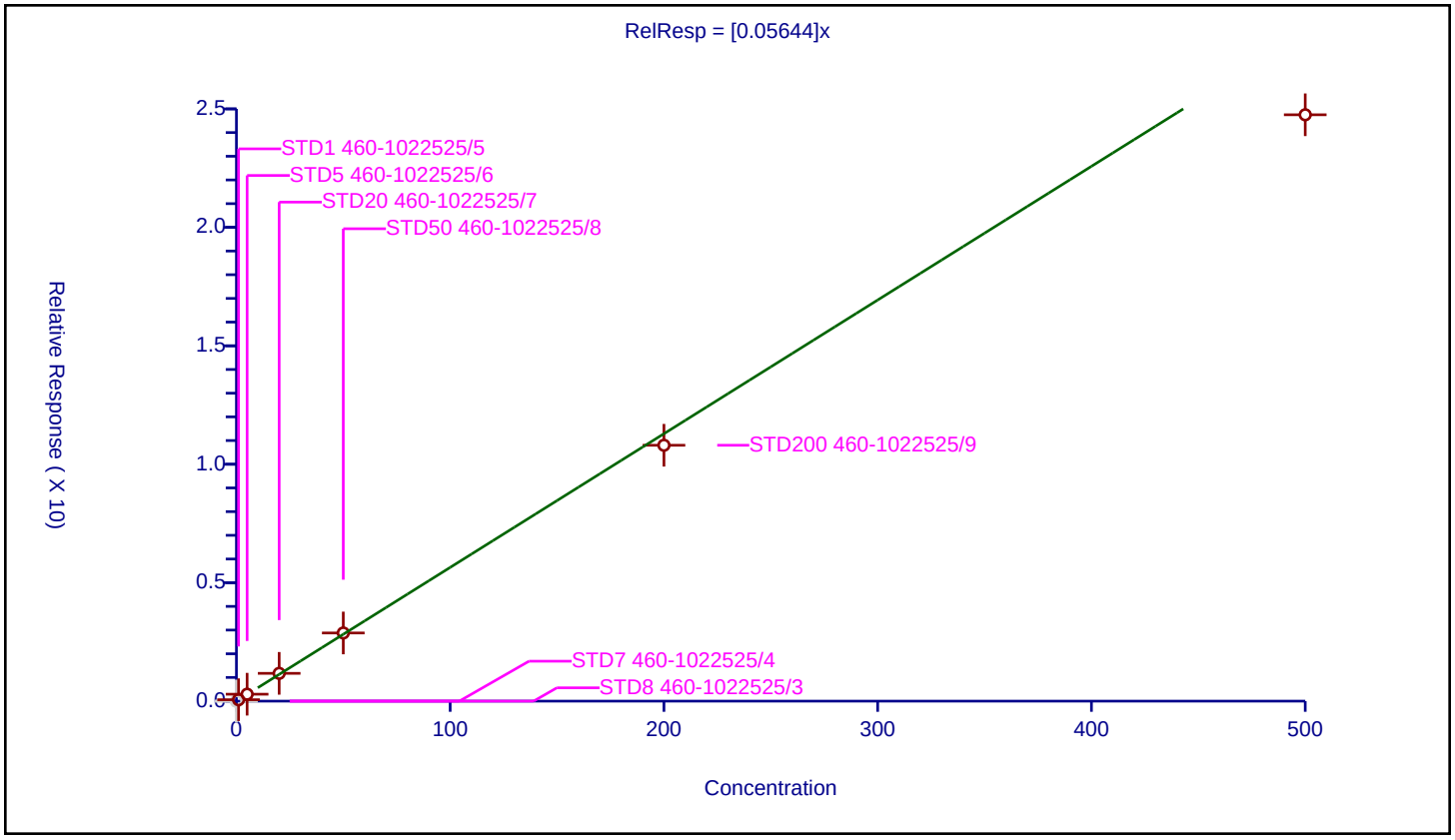
Curve Coefficients

Intercept:	0
Slope:	0.05644

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
3	STD1 460-1022525/5	1.0	0.060387	50.0	468641.0	0.060387	Y
4	STD5 460-1022525/6	5.0	0.292649	50.0	478389.0	0.05853	Y
5	STD20 460-1022525/7	20.0	1.173162	50.0	485014.0	0.058658	Y
6	STD50 460-1022525/8	50.0	2.877741	50.0	503711.0	0.057555	Y
7	STD200 460-1022525/9	200.0	10.801891	50.0	517377.0	0.054009	Y
8	STD500 460-1022525/10	500.0	24.75168	50.0	580300.0	0.049503	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

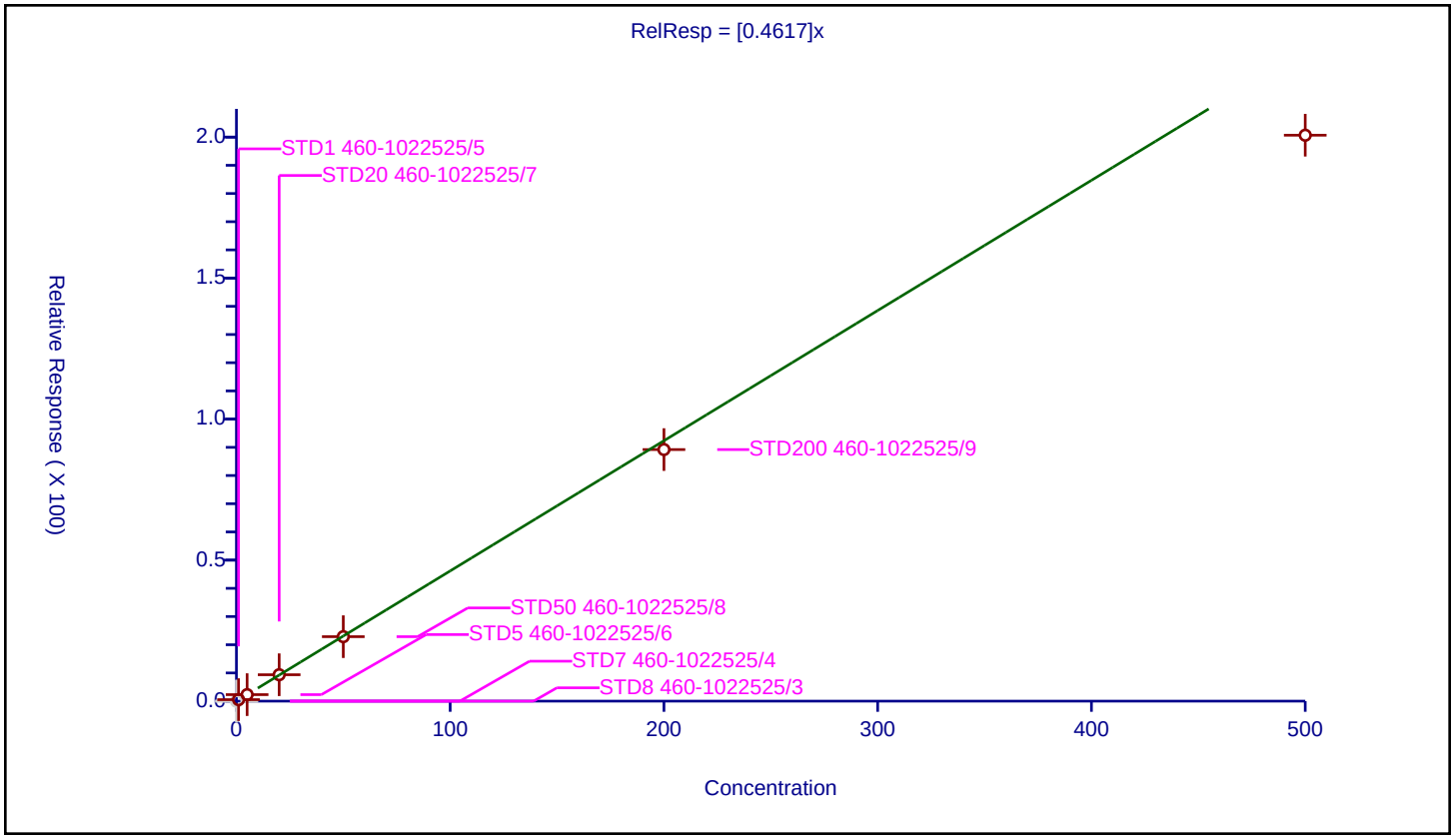
Curve Coefficients

Intercept:	0
Slope:	0.4617

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.535698	50.0	468641.0	0.535698	Y
4	STD5 460-1022525/6	5.0	2.308268	50.0	478389.0	0.461654	Y
5	STD20 460-1022525/7	20.0	9.364678	50.0	485014.0	0.468234	Y
6	STD50 460-1022525/8	50.0	22.858345	50.0	503711.0	0.457167	Y
7	STD200 460-1022525/9	200.0	89.200815	50.0	517377.0	0.446004	Y
8	STD500 460-1022525/10	500.0	200.668447	50.0	580300.0	0.401337	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

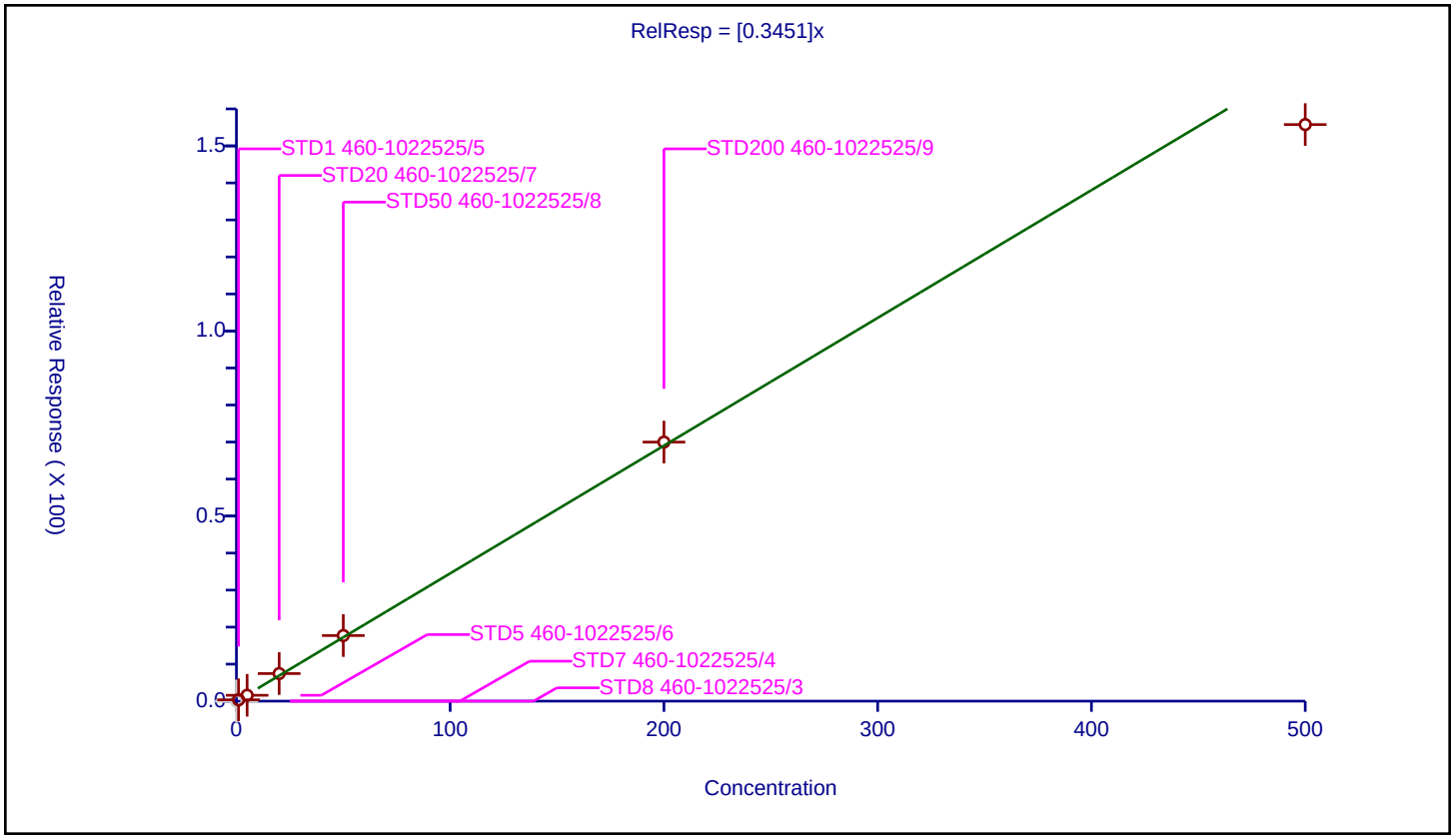
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.364992	50.0	468641.0	0.364992	Y
4	STD5 460-1022525/6	5.0	1.585948	50.0	478389.0	0.31719	Y
5	STD20 460-1022525/7	20.0	7.454115	50.0	485014.0	0.372706	Y
6	STD50 460-1022525/8	50.0	17.719188	50.0	503711.0	0.354384	Y
7	STD200 460-1022525/9	200.0	69.987843	50.0	517377.0	0.349939	Y
8	STD500 460-1022525/10	500.0	155.763484	50.0	580300.0	0.311527	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

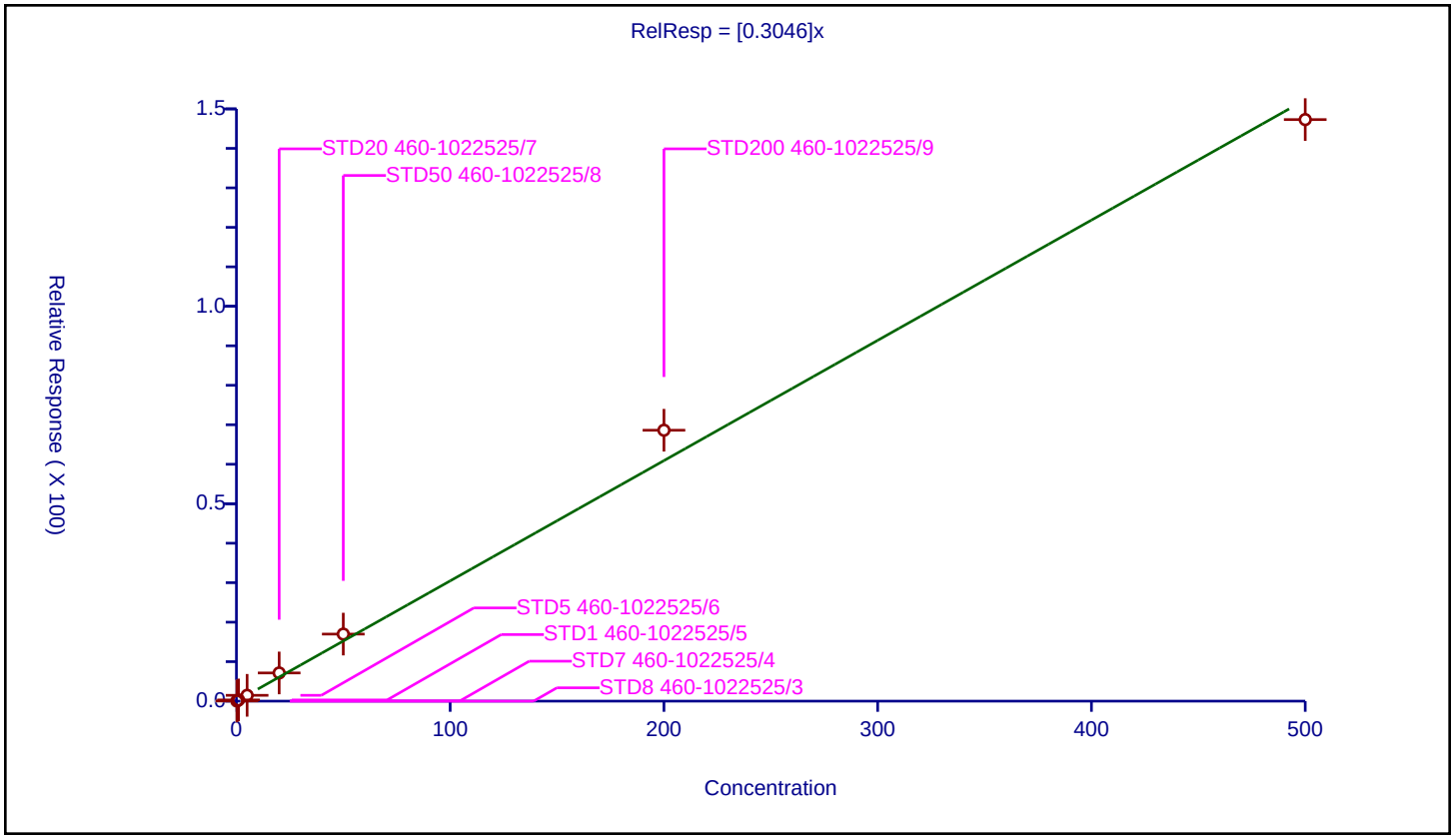
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.050457	50.0	382505.0	0.201827	Y
3	STD1 460-1022525/5	1.0	0.30119	50.0	468641.0	0.30119	Y
4	STD5 460-1022525/6	5.0	1.47286	50.0	478389.0	0.294572	Y
5	STD20 460-1022525/7	20.0	7.142784	50.0	485014.0	0.357139	Y
6	STD50 460-1022525/8	50.0	16.985136	50.0	503711.0	0.339703	Y
7	STD200 460-1022525/9	200.0	68.612347	50.0	517377.0	0.343062	Y
8	STD500 460-1022525/10	500.0	147.291401	50.0	580300.0	0.294583	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

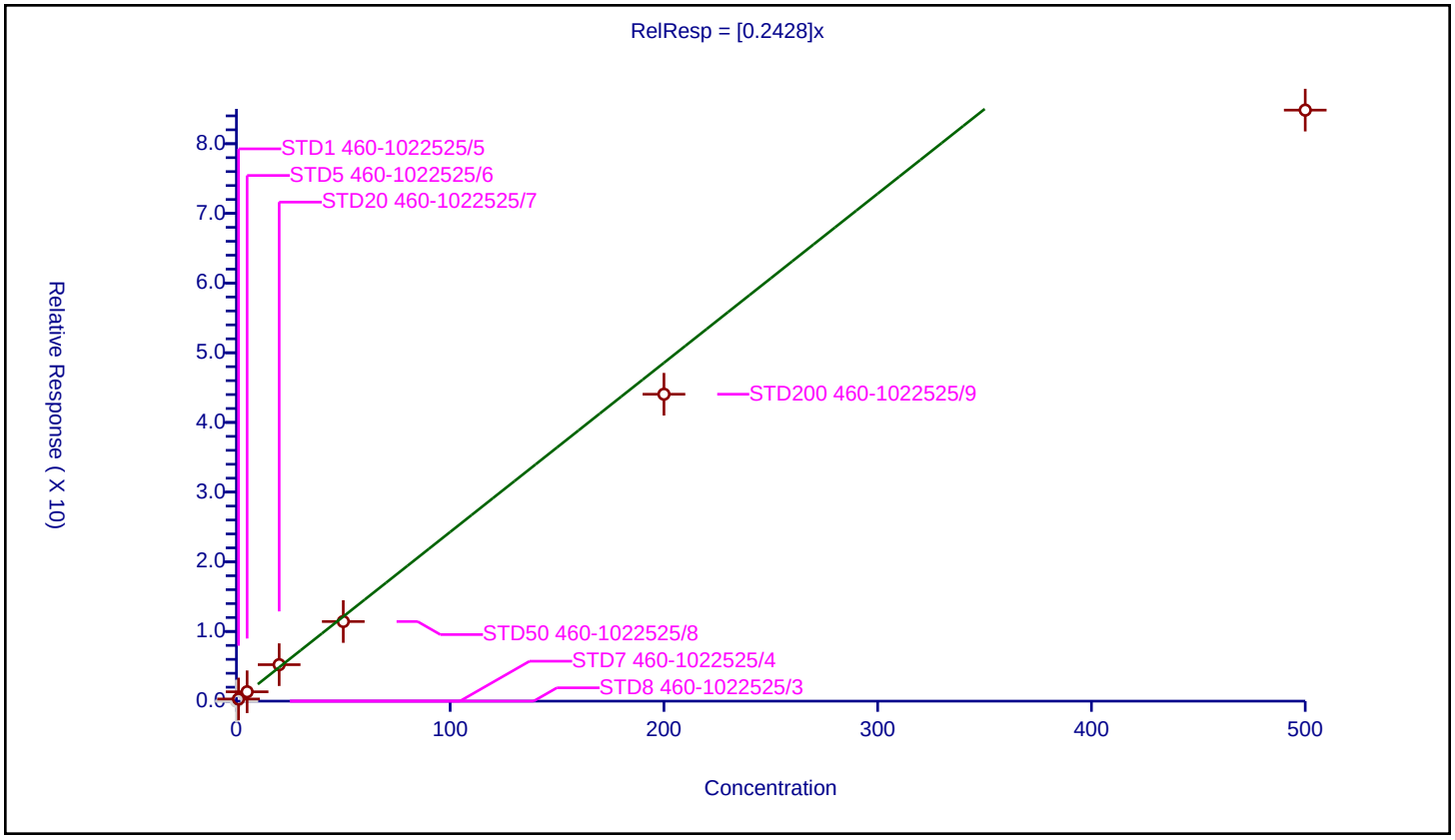
Curve Coefficients

Intercept:	0
Slope:	0.2428

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.307378	50.0	468641.0	0.307378	Y
4	STD5 460-1022525/6	5.0	1.345349	50.0	478389.0	0.26907	Y
5	STD20 460-1022525/7	20.0	5.2349	50.0	485014.0	0.261745	Y
6	STD50 460-1022525/8	50.0	11.428676	50.0	503711.0	0.228574	Y
7	STD200 460-1022525/9	200.0	44.049793	50.0	517377.0	0.220249	Y
8	STD500 460-1022525/10	500.0	84.82285	50.0	580300.0	0.169646	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

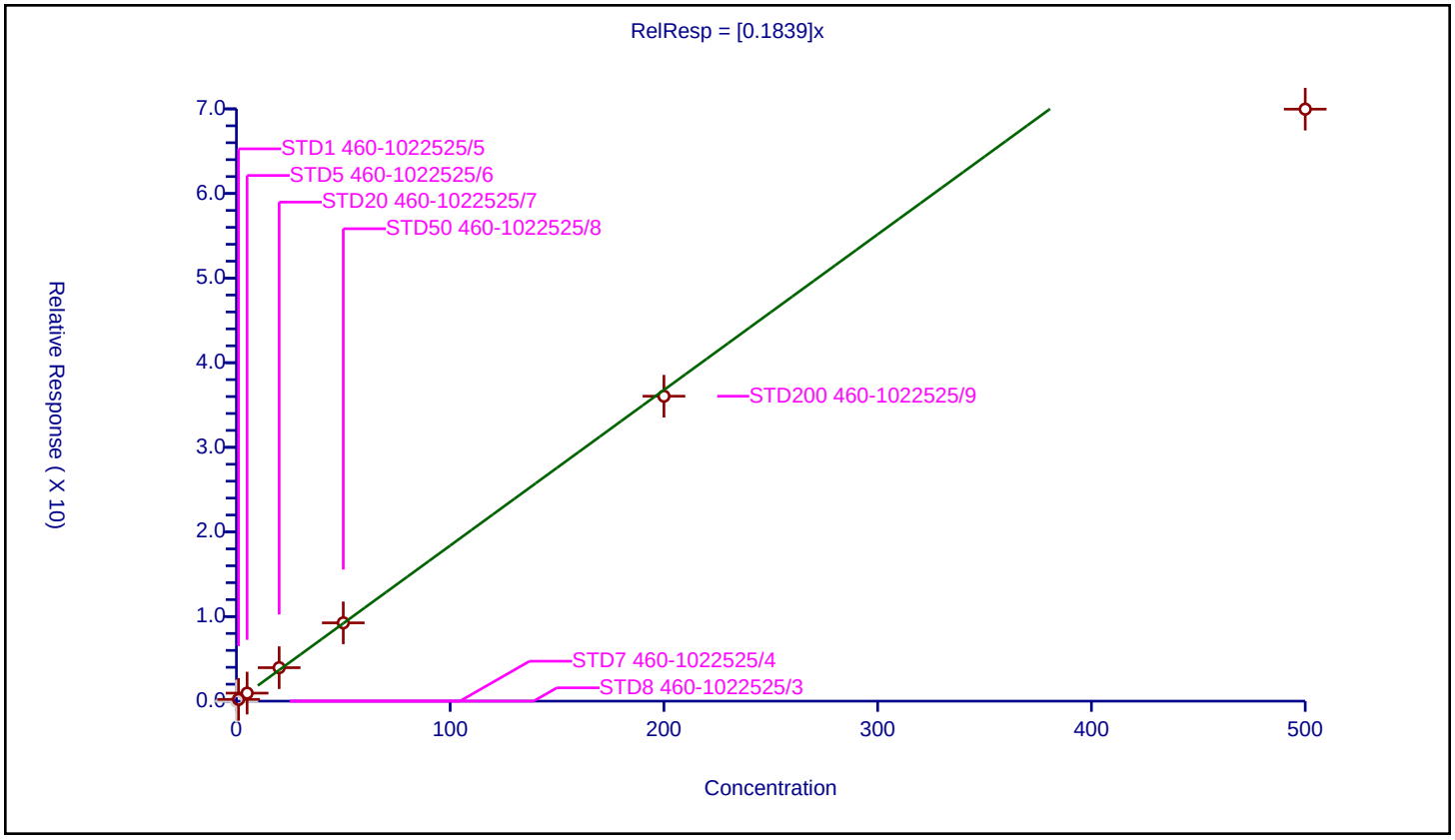
Curve Coefficients

Intercept:	0
Slope:	0.1839

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.210502	50.0	468641.0	0.210502	Y
4	STD5 460-1022525/6	5.0	0.949437	50.0	478389.0	0.189887	Y
5	STD20 460-1022525/7	20.0	3.954731	50.0	485014.0	0.197737	Y
6	STD50 460-1022525/8	50.0	9.25491	50.0	503711.0	0.185098	Y
7	STD200 460-1022525/9	200.0	36.041707	50.0	517377.0	0.180209	Y
8	STD500 460-1022525/10	500.0	69.968206	50.0	580300.0	0.139936	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

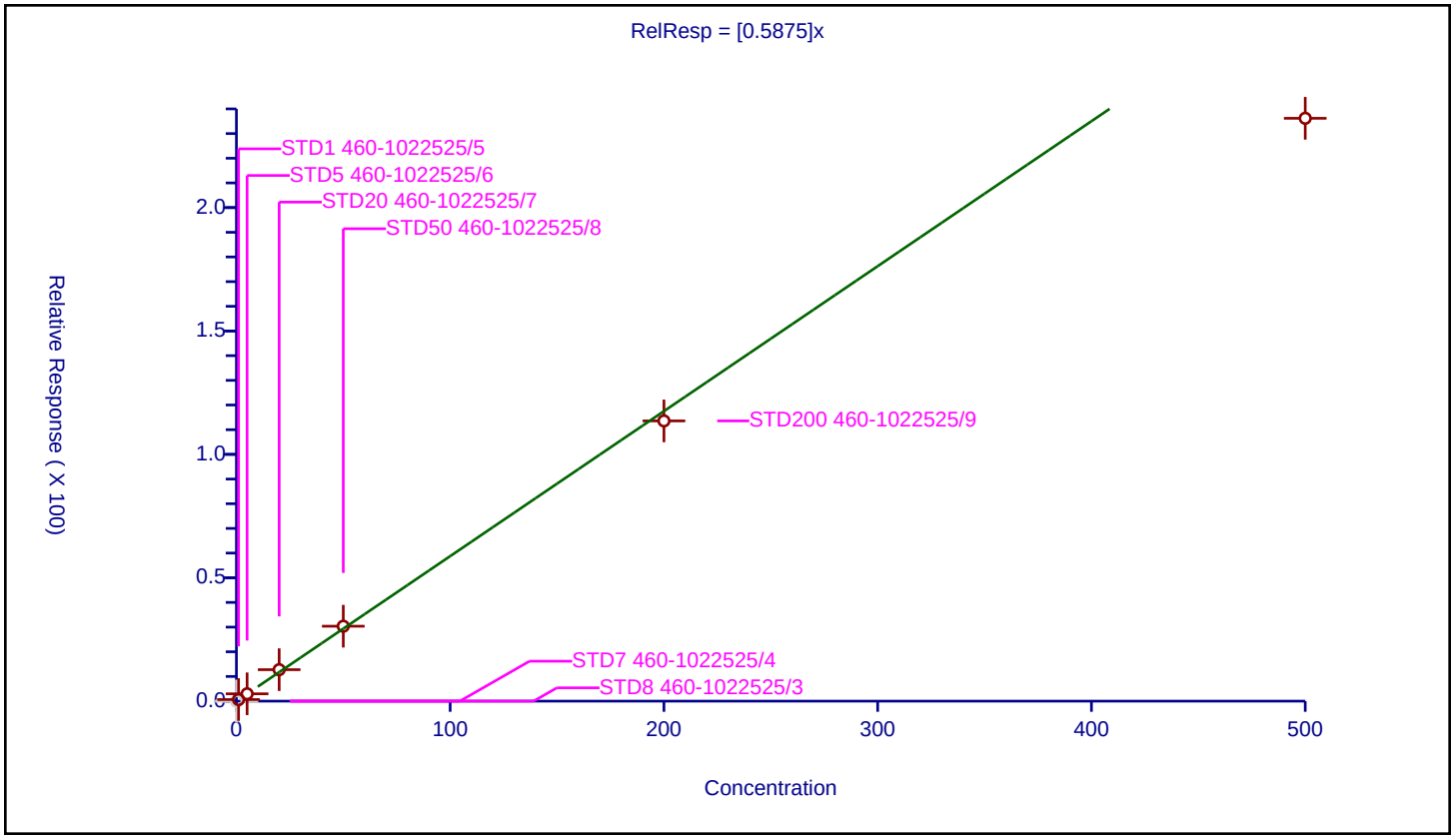
Curve Coefficients

Intercept:	0
Slope:	0.5875

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.644417	50.0	468641.0	0.644417	Y
4	STD5 460-1022525/6	5.0	2.977284	50.0	478389.0	0.595457	Y
5	STD20 460-1022525/7	20.0	12.755508	50.0	485014.0	0.637775	Y
6	STD50 460-1022525/8	50.0	30.367909	50.0	503711.0	0.607358	Y
7	STD200 460-1022525/9	200.0	113.562837	50.0	517377.0	0.567814	Y
8	STD500 460-1022525/10	500.0	236.19128	50.0	580300.0	0.472383	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

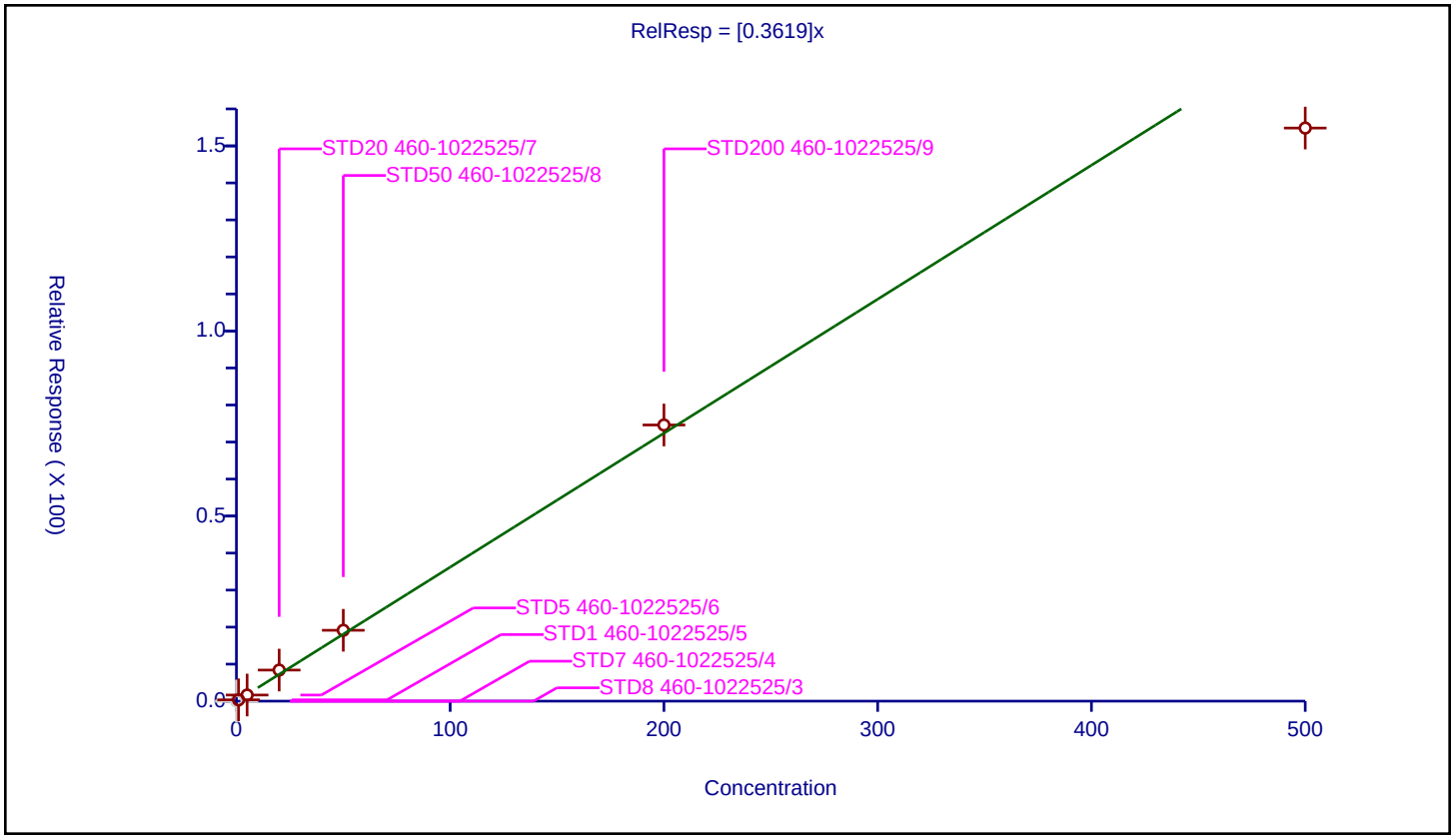
Curve Coefficients

Intercept:	0
Slope:	0.3619

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.25	0.0	50.0	382505.0	0.0	N
3	STD1 460-1022525/5	1.0	0.355816	50.0	468641.0	0.355816	Y
4	STD5 460-1022525/6	5.0	1.653466	50.0	478389.0	0.330693	Y
5	STD20 460-1022525/7	20.0	8.393985	50.0	485014.0	0.419699	Y
6	STD50 460-1022525/8	50.0	19.139844	50.0	503711.0	0.382797	Y
7	STD200 460-1022525/9	200.0	74.606718	50.0	517377.0	0.373034	Y
8	STD500 460-1022525/10	500.0	154.828451	50.0	580300.0	0.309657	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

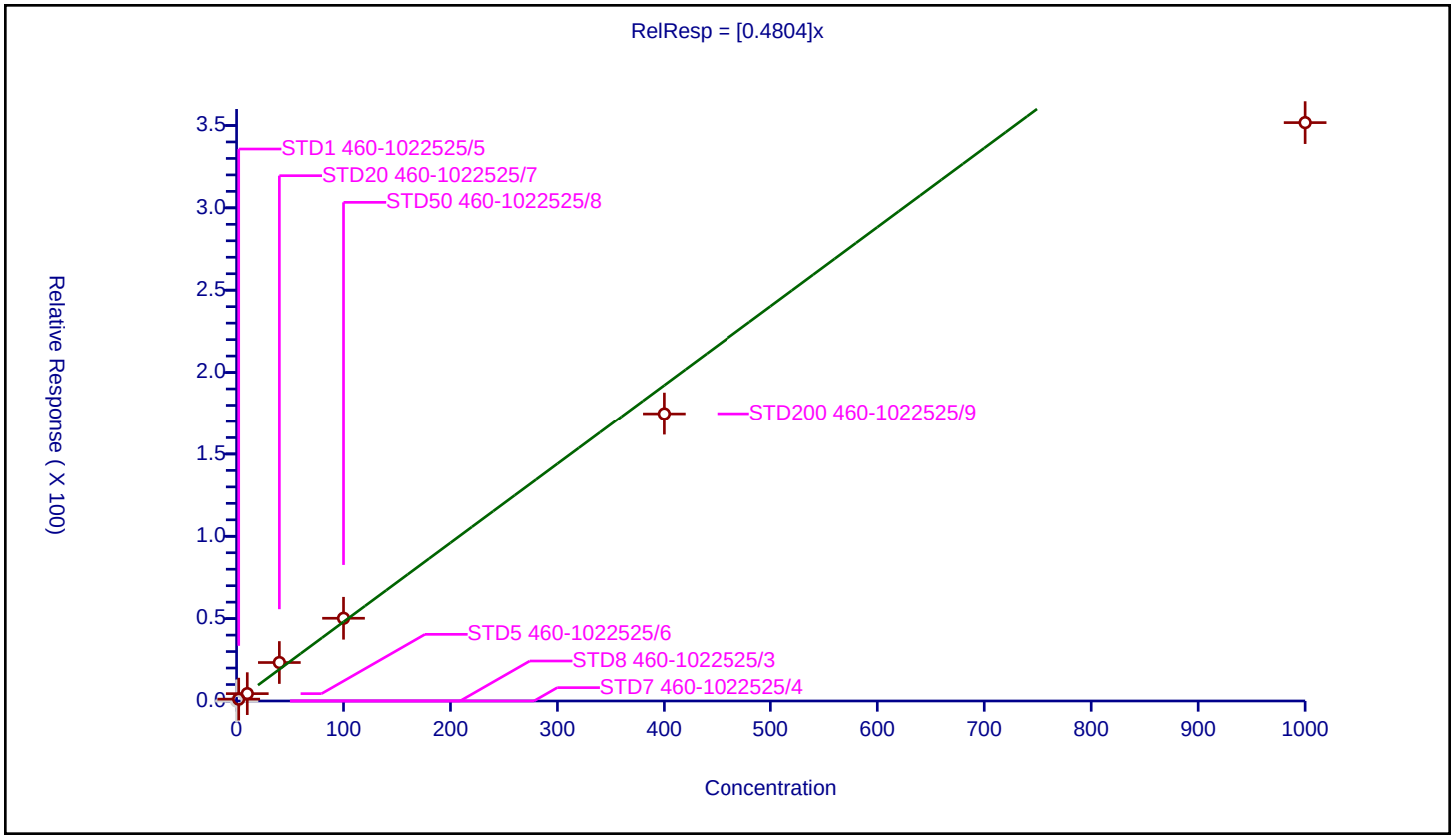
Curve Coefficients

Intercept:	0
Slope:	0.4804

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	2.0	1.122394	50.0	468641.0	0.561197	Y
4	STD5 460-1022525/6	10.0	4.46624	50.0	478389.0	0.446624	Y
5	STD20 460-1022525/7	40.0	23.35046	50.0	485014.0	0.583761	Y
6	STD50 460-1022525/8	100.0	50.222449	50.0	503711.0	0.502224	Y
7	STD200 460-1022525/9	400.0	174.786084	50.0	517377.0	0.436965	Y
8	STD500 460-1022525/10	1000.0	351.743926	50.0	580300.0	0.351744	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

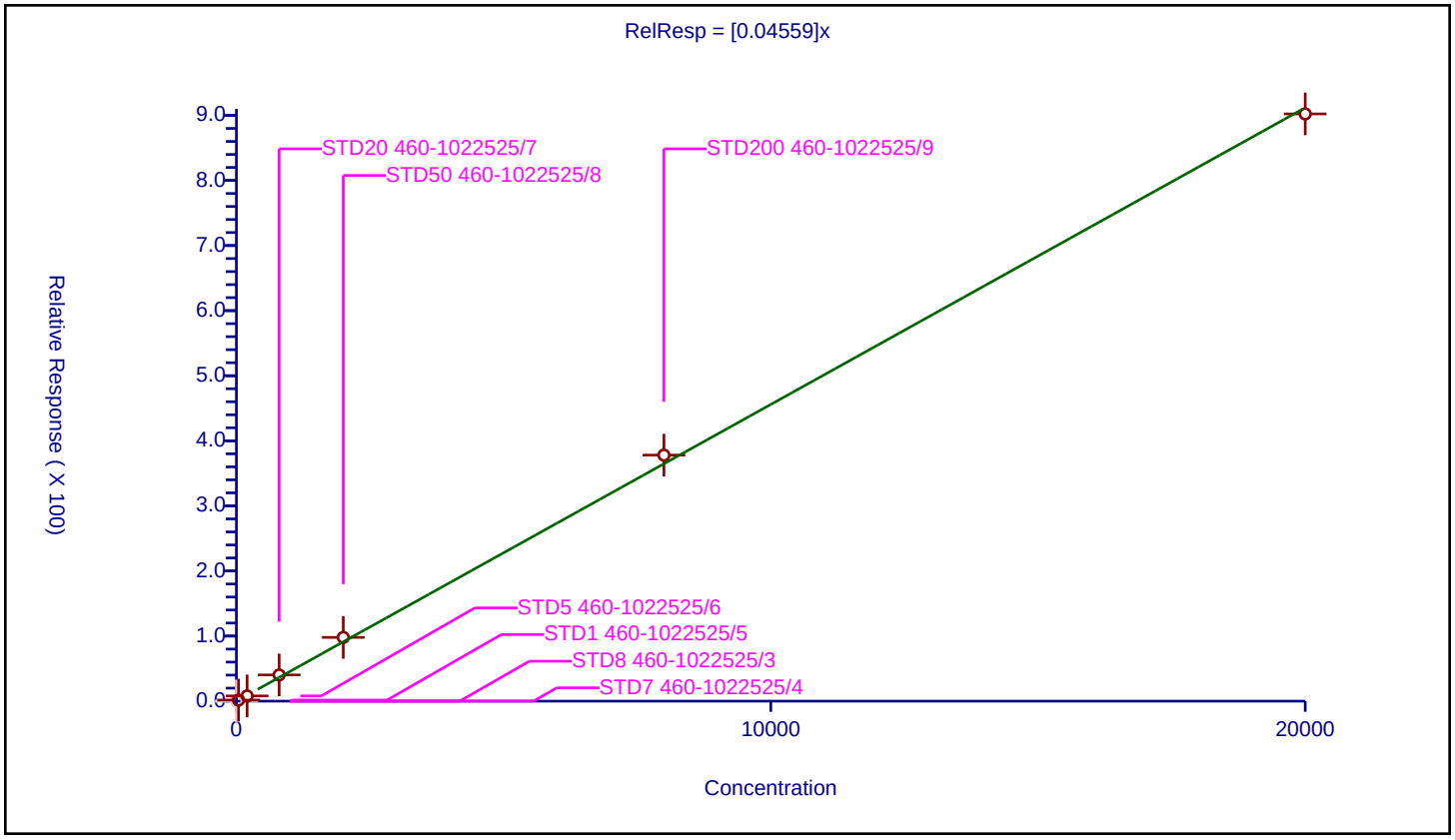
Curve Coefficients

Intercept:	0
Slope:	0.04559

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	8.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	40.0	1.67548	1000.0	149211.0	0.041887	Y
4	STD5 460-1022525/6	200.0	7.998858	1000.0	140145.0	0.039994	Y
5	STD20 460-1022525/7	800.0	40.260475	1000.0	157251.0	0.050326	Y
6	STD50 460-1022525/8	2000.0	97.933469	1000.0	162059.0	0.048967	Y
7	STD200 460-1022525/9	8000.0	377.985961	1000.0	152003.0	0.047248	Y
8	STD500 460-1022525/10	20000.0	902.264639	1000.0	188816.0	0.045113	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

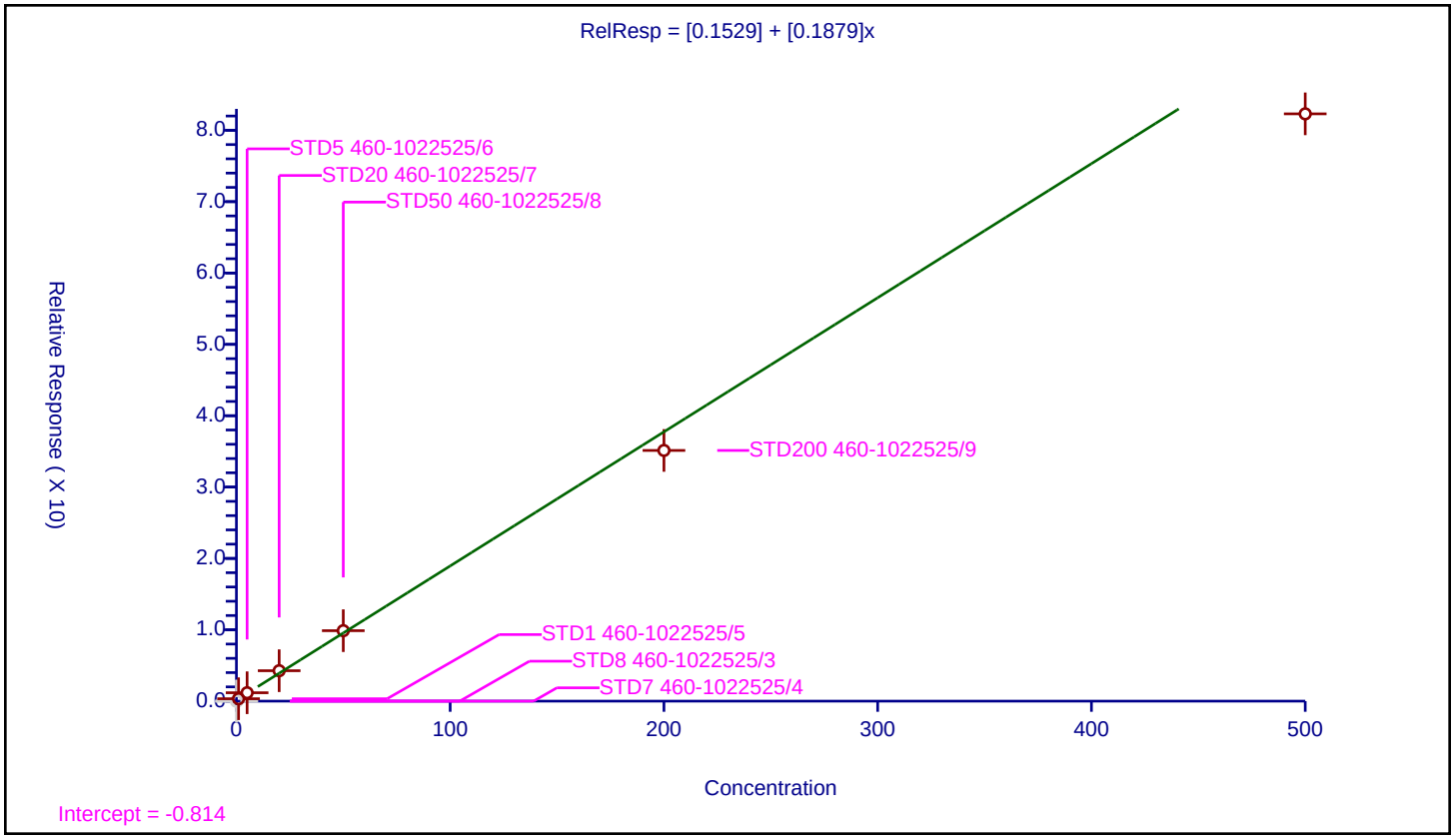
Curve Coefficients

Intercept:	0.1529
Slope:	0.1879

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.336612	50.0	468641.0	0.336612	Y
4	STD5 460-1022525/6	5.0	1.176239	50.0	478389.0	0.235248	Y
5	STD20 460-1022525/7	20.0	4.265547	50.0	485014.0	0.213277	Y
6	STD50 460-1022525/8	50.0	9.874015	50.0	503711.0	0.19748	Y
7	STD200 460-1022525/9	200.0	35.132602	50.0	517377.0	0.175663	Y
8	STD500 460-1022525/10	500.0	82.304928	50.0	580300.0	0.16461	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

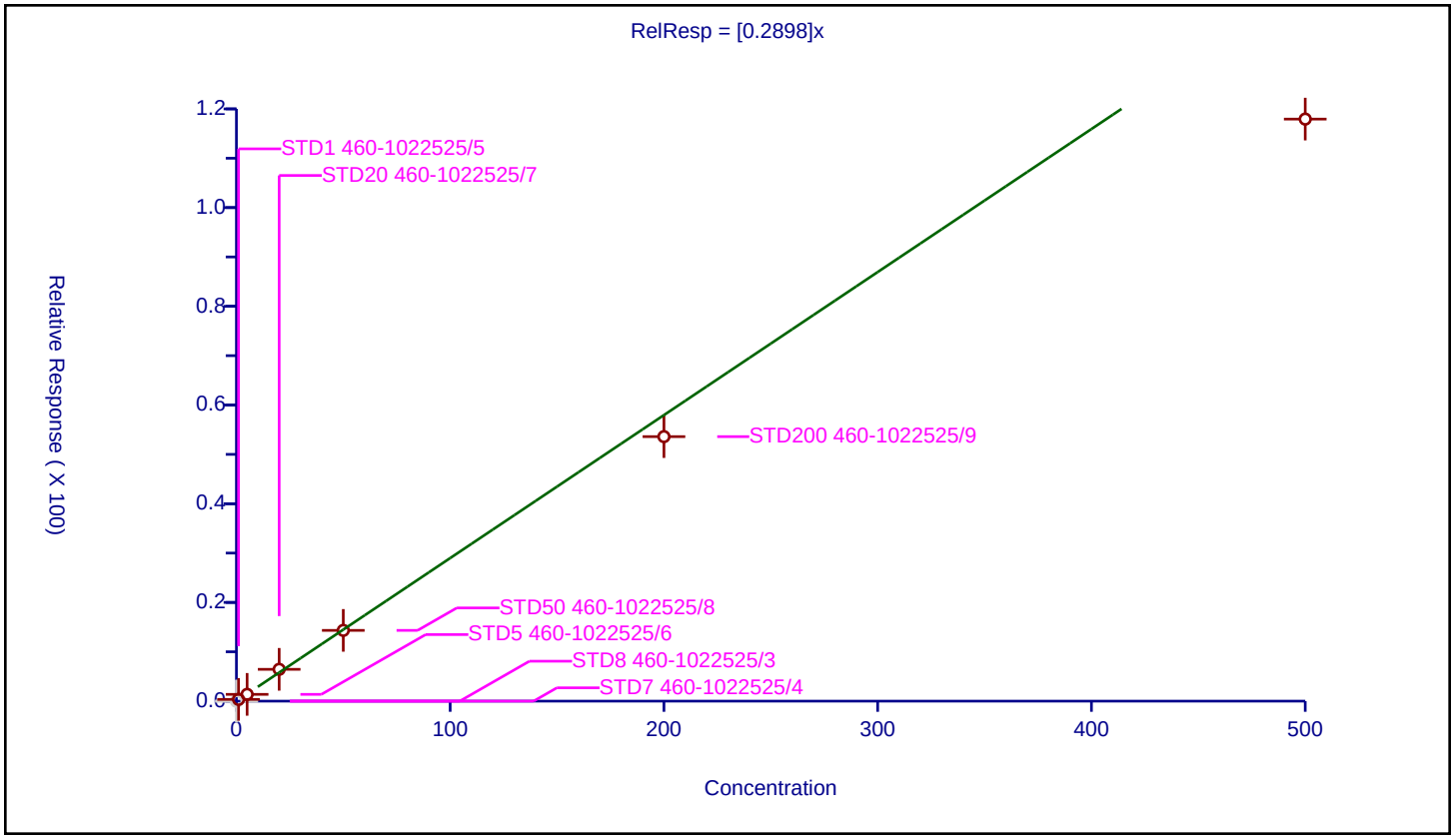
Curve Coefficients

Intercept:	0
Slope:	0.2898

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.351015	50.0	468641.0	0.351015	Y
4	STD5 460-1022525/6	5.0	1.3743	50.0	478389.0	0.27486	Y
5	STD20 460-1022525/7	20.0	6.448061	50.0	485014.0	0.322403	Y
6	STD50 460-1022525/8	50.0	14.336097	50.0	503711.0	0.286722	Y
7	STD200 460-1022525/9	200.0	53.593318	50.0	517377.0	0.267967	Y
8	STD500 460-1022525/10	500.0	117.93443	50.0	580300.0	0.235869	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

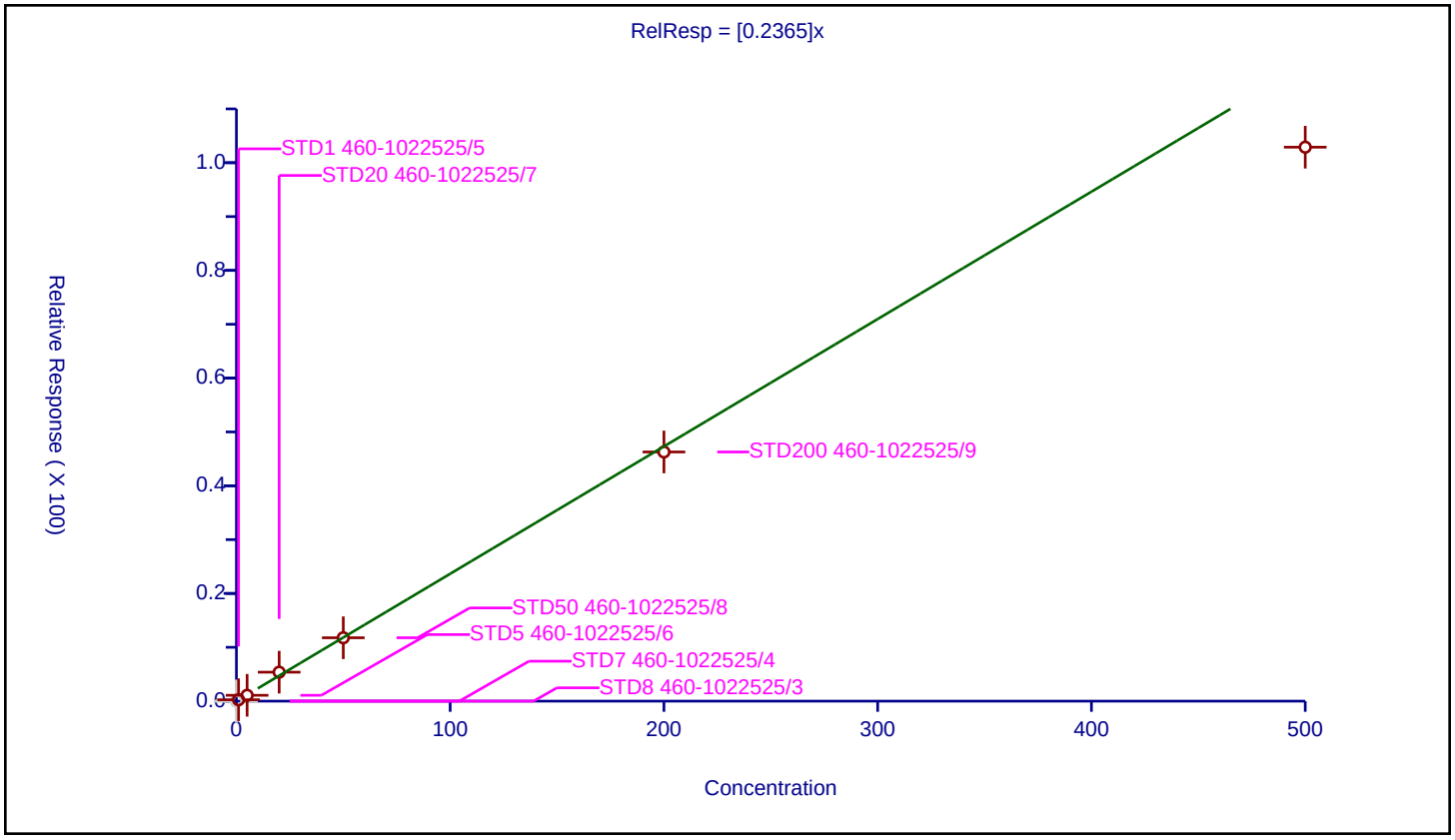
Curve Coefficients

Intercept:	0
Slope:	0.2365

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
3	STD1 460-1022525/5	1.0	0.260434	50.0	468641.0	0.260434	Y
4	STD5 460-1022525/6	5.0	1.086354	50.0	478389.0	0.217271	Y
5	STD20 460-1022525/7	20.0	5.380773	50.0	485014.0	0.269039	Y
6	STD50 460-1022525/8	50.0	11.769546	50.0	503711.0	0.235391	Y
7	STD200 460-1022525/9	200.0	46.278342	50.0	517377.0	0.231392	Y
8	STD500 460-1022525/10	500.0	102.886438	50.0	580300.0	0.205773	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

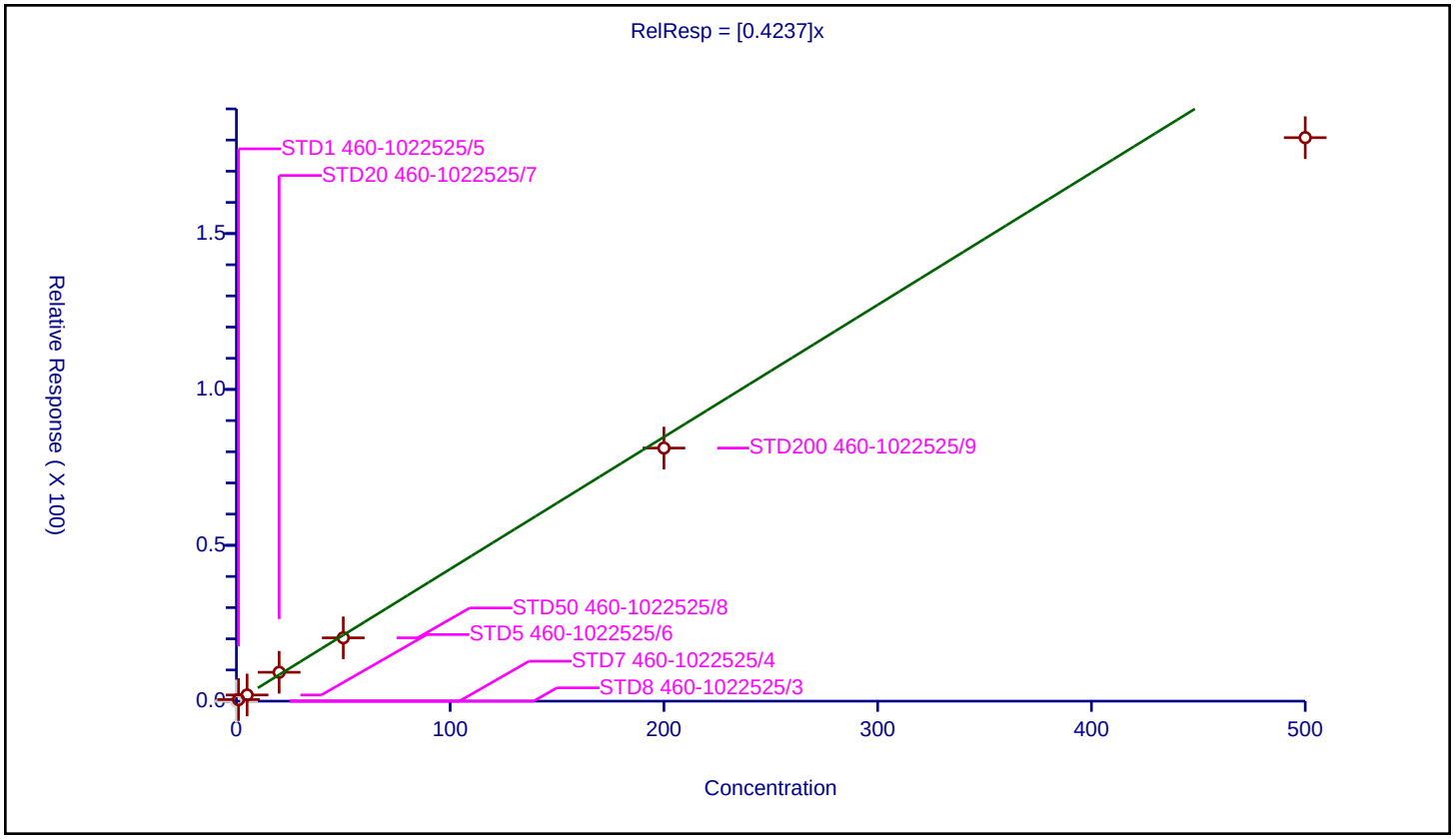
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	50.0	468395.0	NaN	N
2	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
3	STD1 460-1022525/5	1.0	0.508385	50.0	468641.0	0.508385	Y
4	STD5 460-1022525/6	5.0	1.985414	50.0	478389.0	0.397083	Y
5	STD20 460-1022525/7	20.0	9.264372	50.0	485014.0	0.463219	Y
6	STD50 460-1022525/8	50.0	20.312739	50.0	503711.0	0.406255	Y
7	STD200 460-1022525/9	200.0	81.195047	50.0	517377.0	0.405975	Y
8	STD500 460-1022525/10	500.0	180.773996	50.0	580300.0	0.361548	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

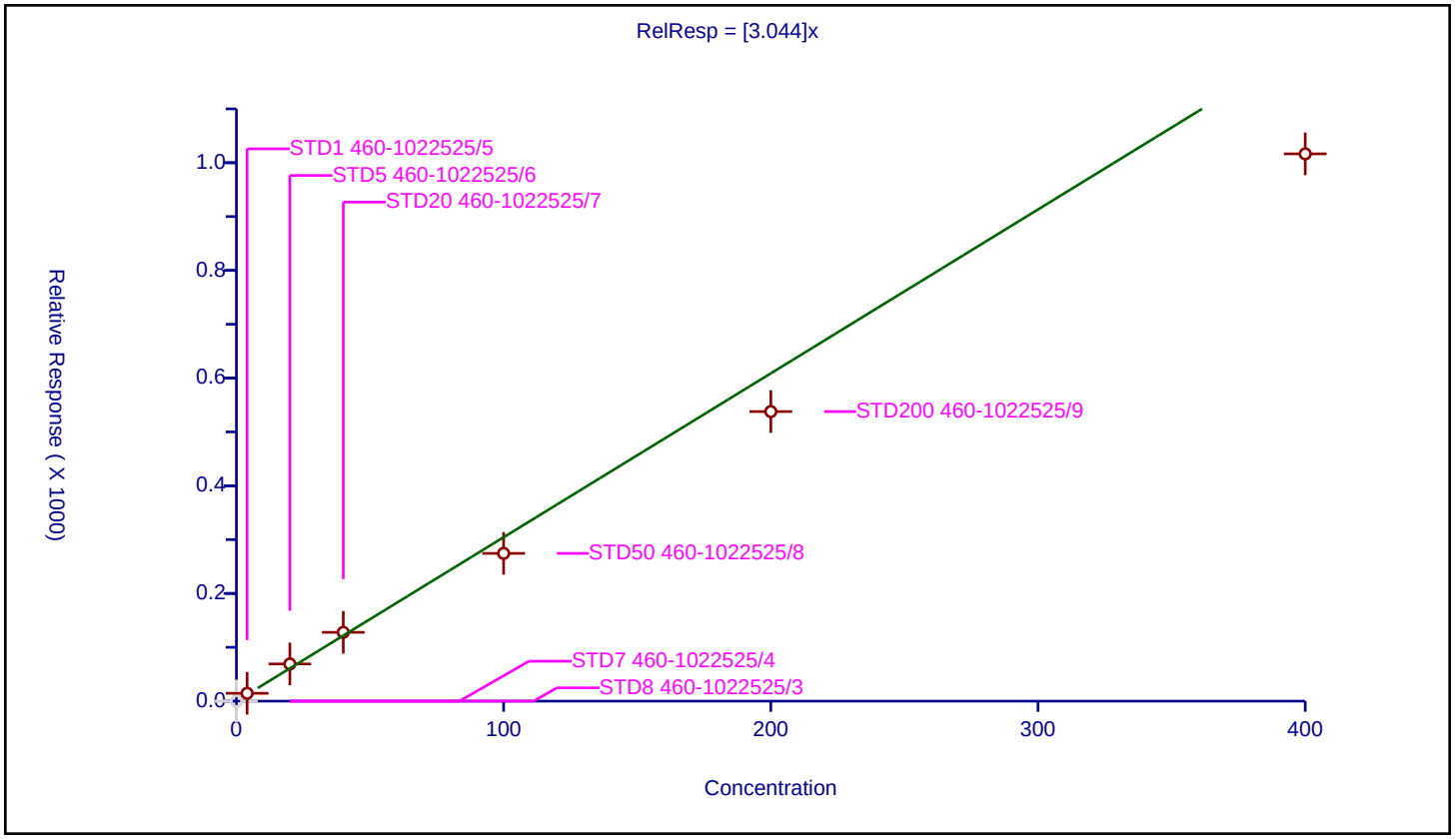
Curve Coefficients

Intercept:	0
Slope:	3.044

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	0.0	0.0	1000.0	131300.0	NaN	N
2	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
3	STD1 460-1022525/5	4.0	14.556568	1000.0	149211.0	3.639142	Y
4	STD5 460-1022525/6	20.0	69.099861	1000.0	140145.0	3.454993	Y
5	STD20 460-1022525/7	40.0	127.802049	1000.0	157251.0	3.195051	Y
6	STD50 460-1022525/8	100.0	274.418576	1000.0	162059.0	2.744186	Y
7	STD200 460-1022525/9	200.0	537.811754	1000.0	152003.0	2.689059	Y
8	STD500 460-1022525/10	400.0	1016.502839	1000.0	188816.0	2.541257	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

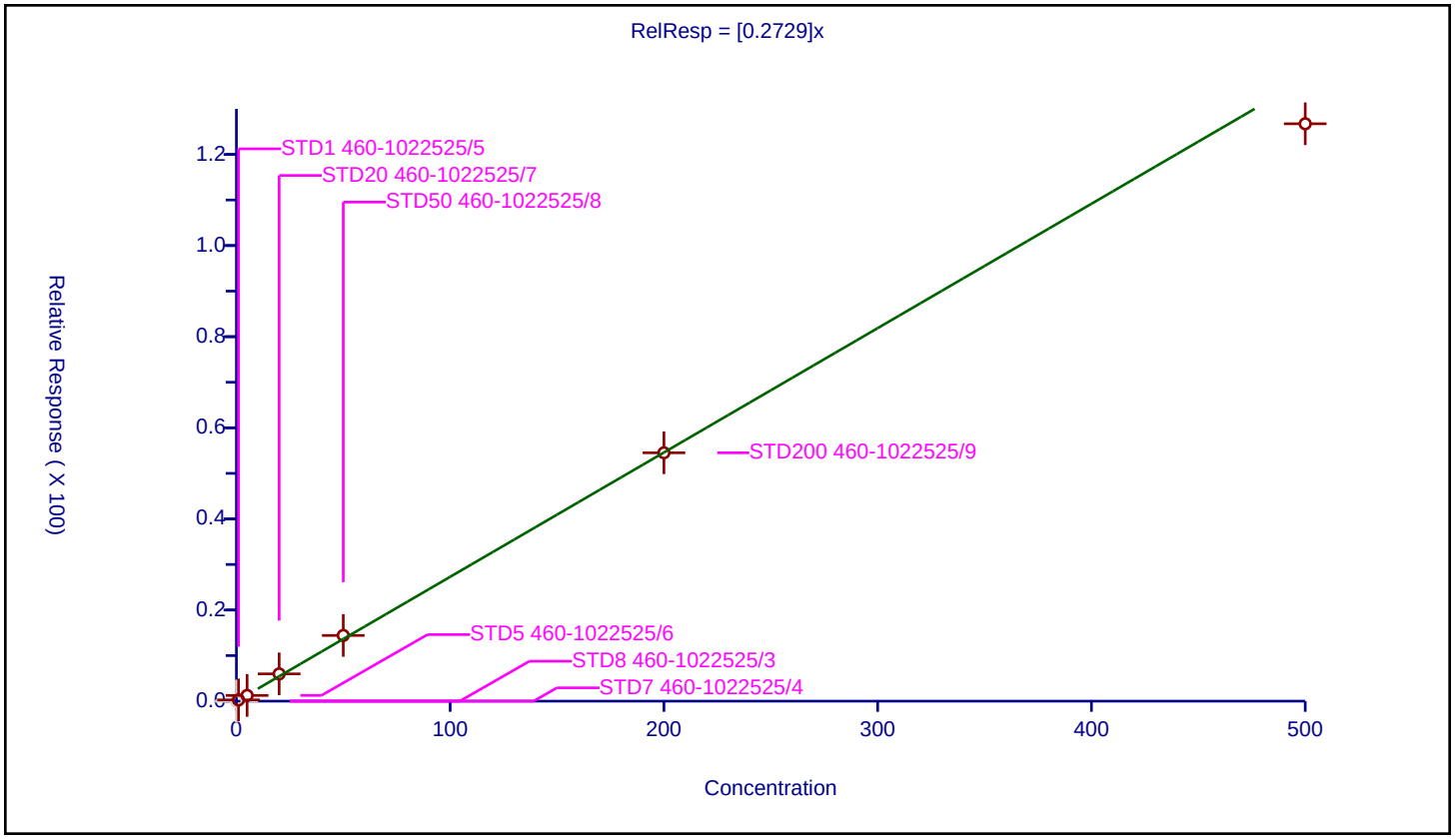
Curve Coefficients

Intercept:	0
Slope:	0.2729

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.27313	50.0	468641.0	0.27313	Y
4	STD5 460-1022525/6	5.0	1.252851	50.0	478389.0	0.25057	Y
5	STD20 460-1022525/7	20.0	5.986528	50.0	485014.0	0.299326	Y
6	STD50 460-1022525/8	50.0	14.422059	50.0	503711.0	0.288441	Y
7	STD200 460-1022525/9	200.0	54.515566	50.0	517377.0	0.272578	Y
8	STD500 460-1022525/10	500.0	126.731777	50.0	580300.0	0.253464	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

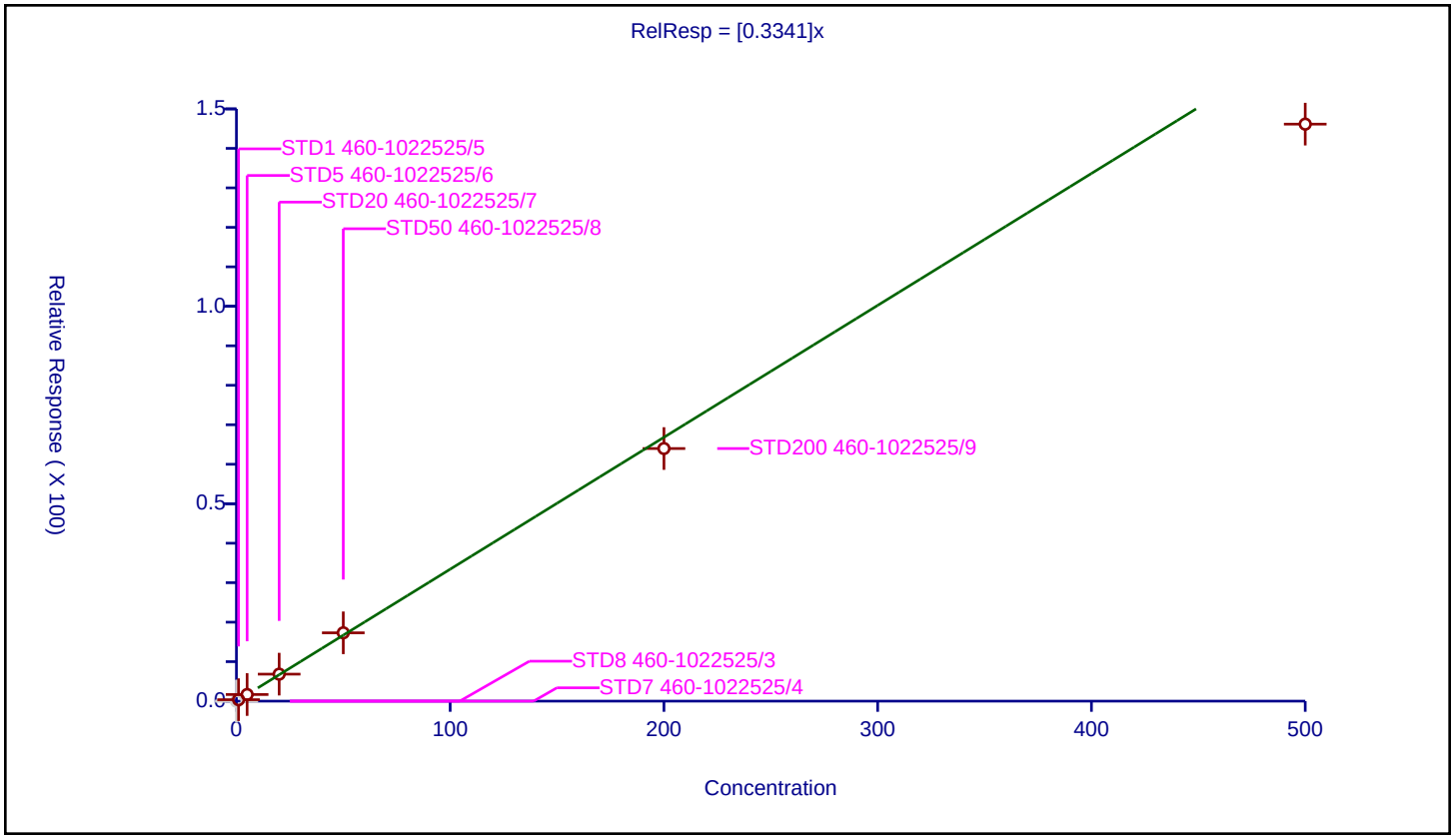
Curve Coefficients

Intercept:	0
Slope:	0.3341

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.369473	50.0	468641.0	0.369473	Y
4	STD5 460-1022525/6	5.0	1.676355	50.0	478389.0	0.335271	Y
5	STD20 460-1022525/7	20.0	6.833823	50.0	485014.0	0.341691	Y
6	STD50 460-1022525/8	50.0	17.303771	50.0	503711.0	0.346075	Y
7	STD200 460-1022525/9	200.0	63.981874	50.0	517377.0	0.319909	Y
8	STD500 460-1022525/10	500.0	146.139324	50.0	580300.0	0.292279	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

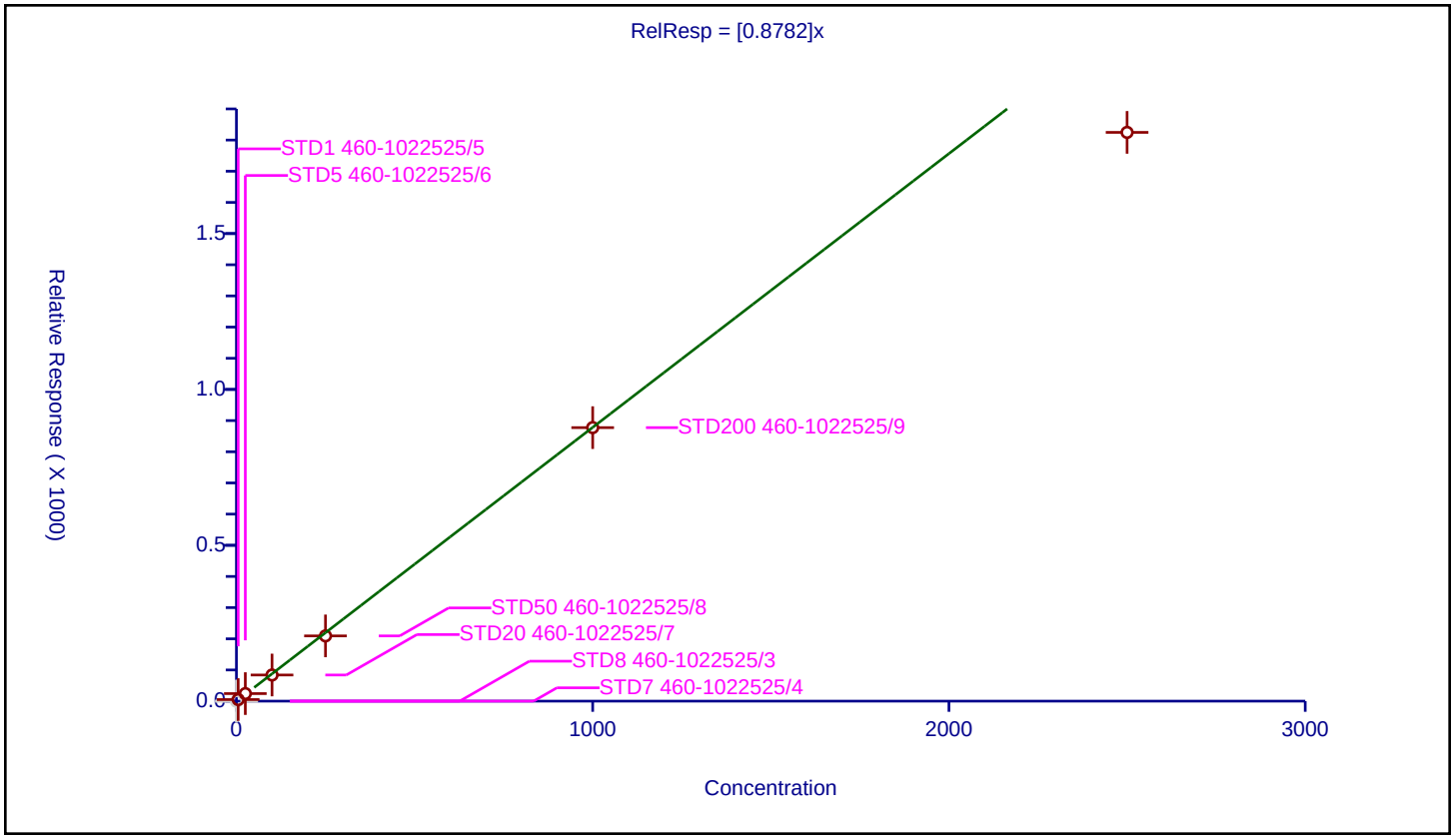
Curve Coefficients

Intercept:	0
Slope:	0.8782

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	250.0	153739.0	NaN	N
2	STD8 460-1022525/3	1.0	0.0	250.0	180129.0	0.0	N
3	STD1 460-1022525/5	5.0	5.092256	250.0	199175.0	1.018451	Y
4	STD5 460-1022525/6	25.0	24.201737	250.0	190069.0	0.968069	Y
5	STD20 460-1022525/7	100.0	83.839271	250.0	211324.0	0.838393	Y
6	STD50 460-1022525/8	250.0	209.309796	250.0	214806.0	0.837239	Y
7	STD200 460-1022525/9	1000.0	877.487072	250.0	214459.0	0.877487	Y
8	STD500 460-1022525/10	2500.0	1824.624891	250.0	253260.0	0.72985	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

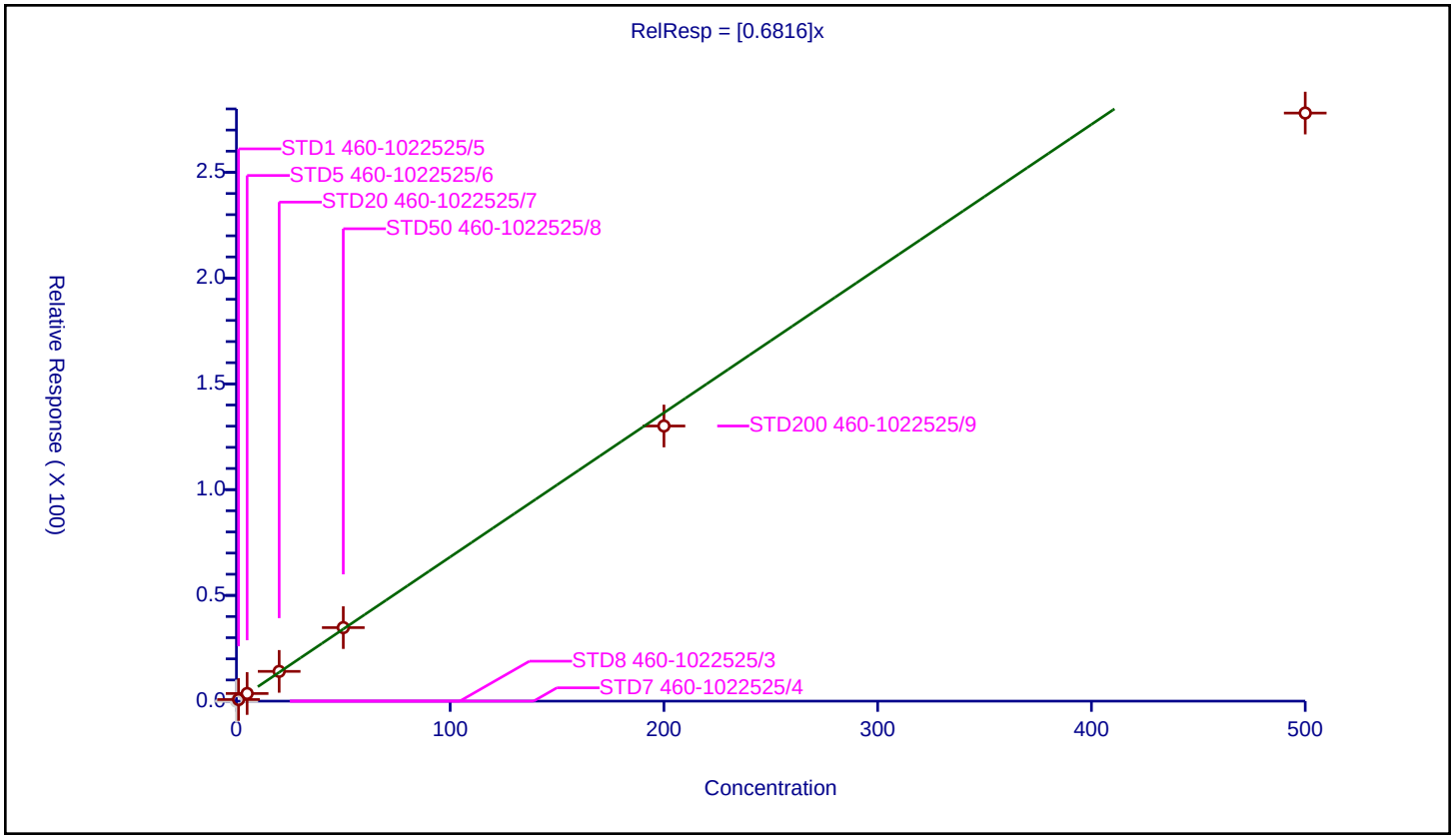
Curve Coefficients

Intercept:	0
Slope:	0.6816

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.763378	50.0	468641.0	0.763378	Y
4	STD5 460-1022525/6	5.0	3.607211	50.0	478389.0	0.721442	Y
5	STD20 460-1022525/7	20.0	14.067532	50.0	485014.0	0.703377	Y
6	STD50 460-1022525/8	50.0	34.759912	50.0	503711.0	0.695198	Y
7	STD200 460-1022525/9	200.0	130.080483	50.0	517377.0	0.650402	Y
8	STD500 460-1022525/10	500.0	278.037739	50.0	580300.0	0.556075	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

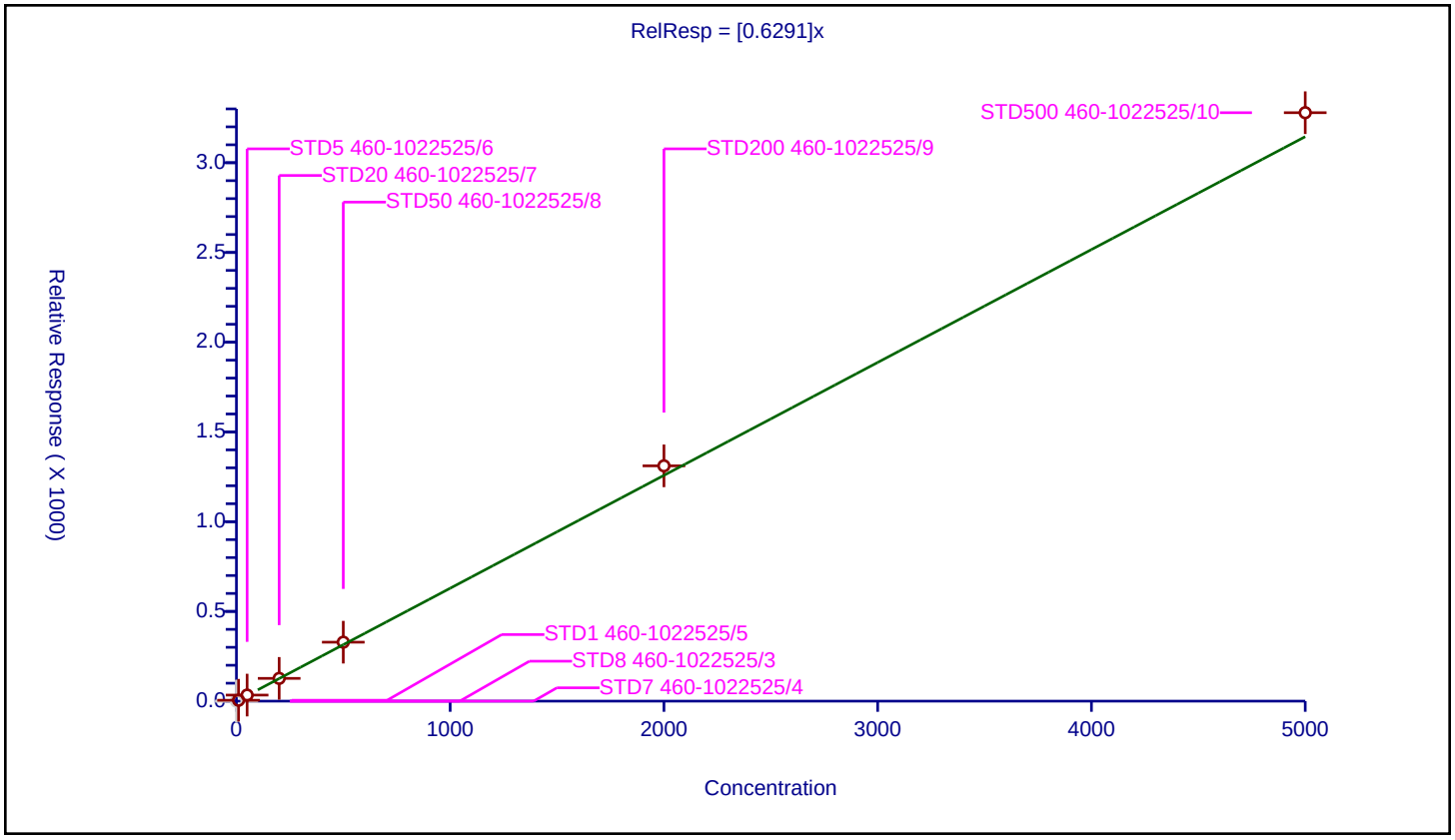
Curve Coefficients

Intercept:	0
Slope:	0.6291

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	2.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	10.0	4.966122	1000.0	149211.0	0.496612	Y
4	STD5 460-1022525/6	50.0	33.772165	1000.0	140145.0	0.675443	Y
5	STD20 460-1022525/7	200.0	126.829082	1000.0	157251.0	0.634145	Y
6	STD50 460-1022525/8	500.0	328.423599	1000.0	162059.0	0.656847	Y
7	STD200 460-1022525/9	2000.0	1311.026756	1000.0	152003.0	0.655513	Y
8	STD500 460-1022525/10	5000.0	3278.742268	1000.0	188816.0	0.655748	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

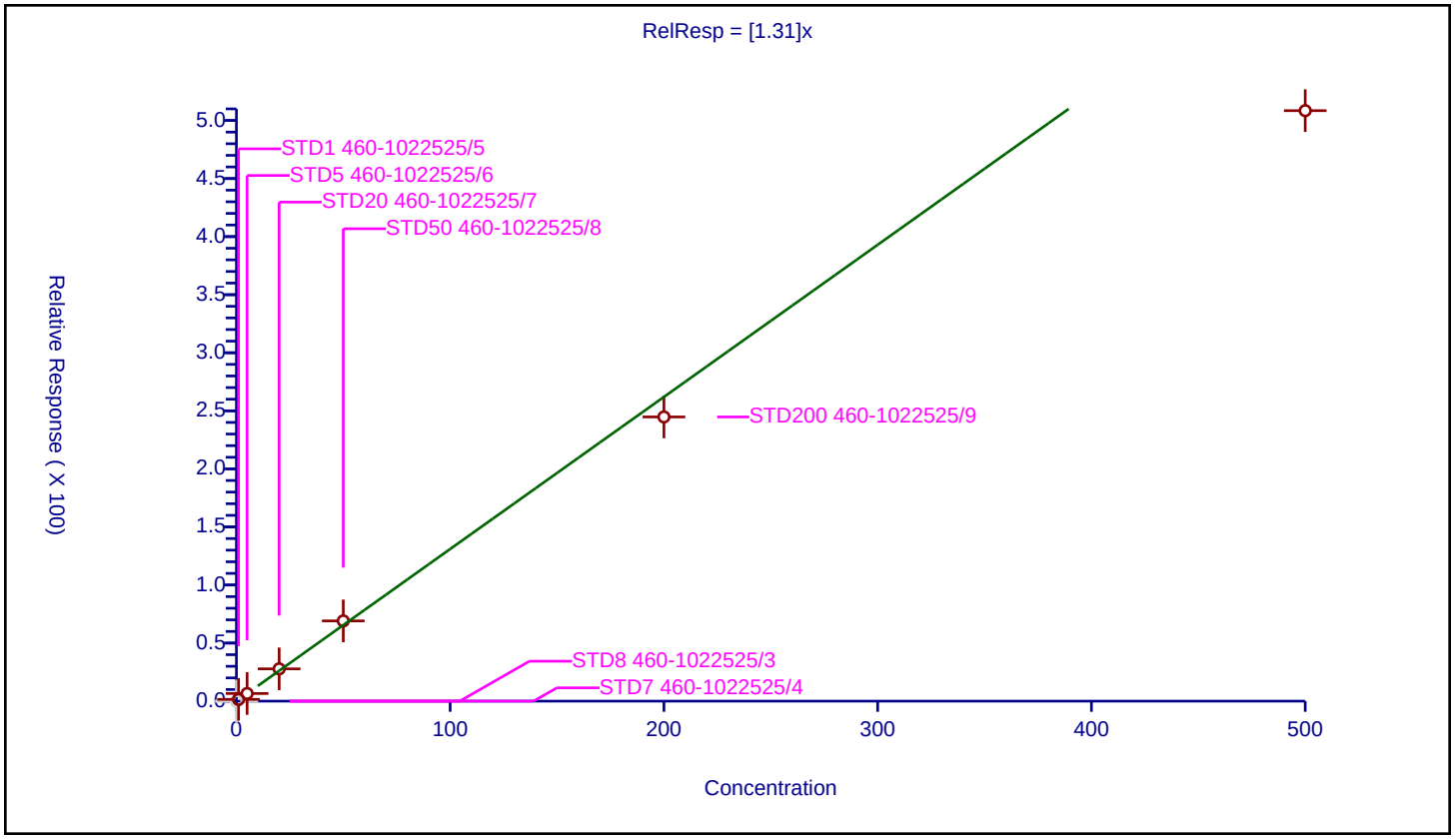
Curve Coefficients

Intercept:	0
Slope:	1.31

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	1.529742	50.0	468641.0	1.529742	Y
4	STD5 460-1022525/6	5.0	6.58115	50.0	478389.0	1.31623	Y
5	STD20 460-1022525/7	20.0	27.816001	50.0	485014.0	1.3908	Y
6	STD50 460-1022525/8	50.0	69.101032	50.0	503711.0	1.382021	Y
7	STD200 460-1022525/9	200.0	244.735754	50.0	517377.0	1.223679	Y
8	STD500 460-1022525/10	500.0	508.458728	50.0	580300.0	1.016917	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

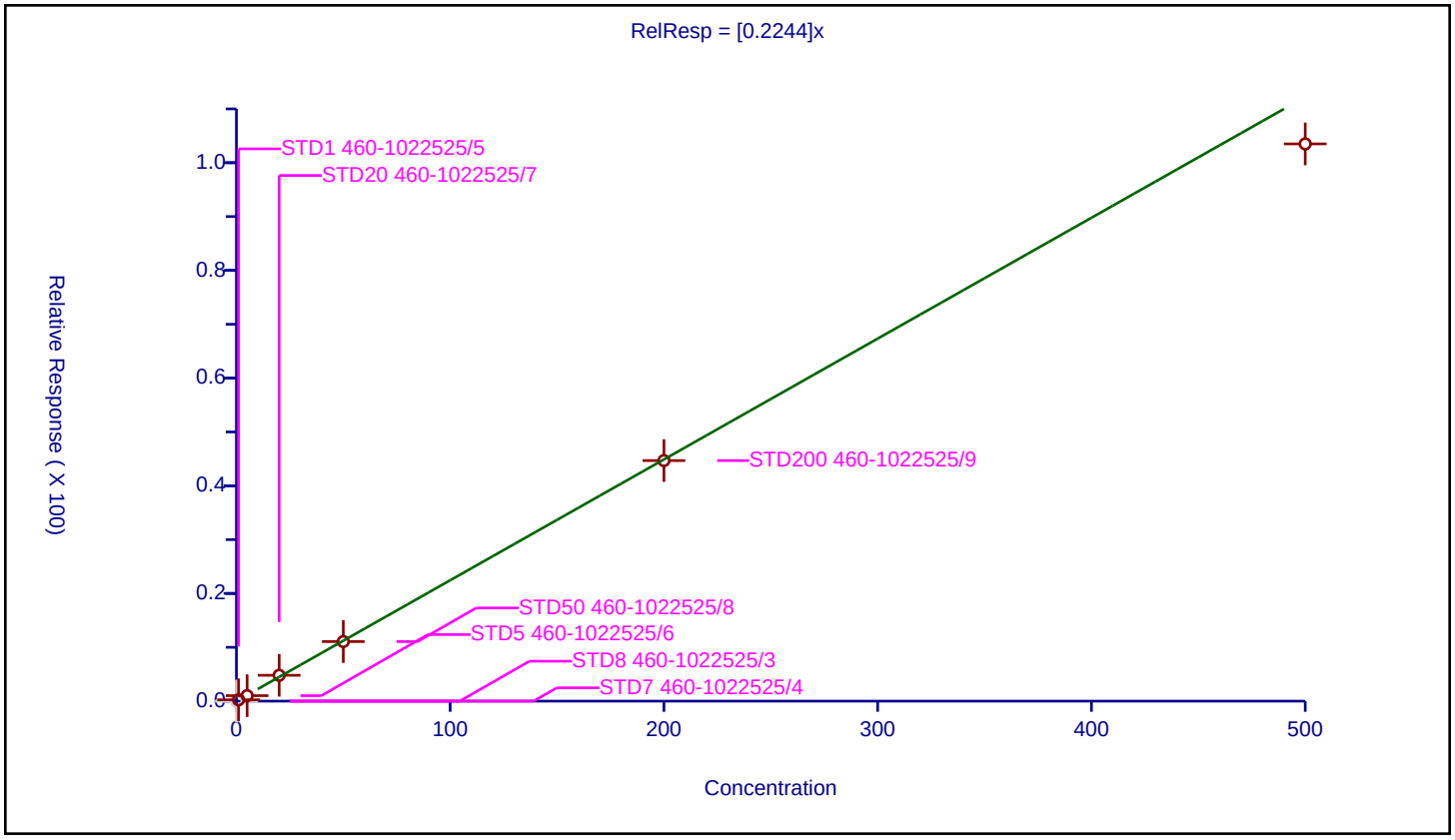
Curve Coefficients

Intercept:	0
Slope:	0.2244

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.251365	50.0	468641.0	0.251365	Y
4	STD5 460-1022525/6	5.0	1.017686	50.0	478389.0	0.203537	Y
5	STD20 460-1022525/7	20.0	4.801614	50.0	485014.0	0.240081	Y
6	STD50 460-1022525/8	50.0	11.063685	50.0	503711.0	0.221274	Y
7	STD200 460-1022525/9	200.0	44.684437	50.0	517377.0	0.223422	Y
8	STD500 460-1022525/10	500.0	103.502154	50.0	580300.0	0.207004	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

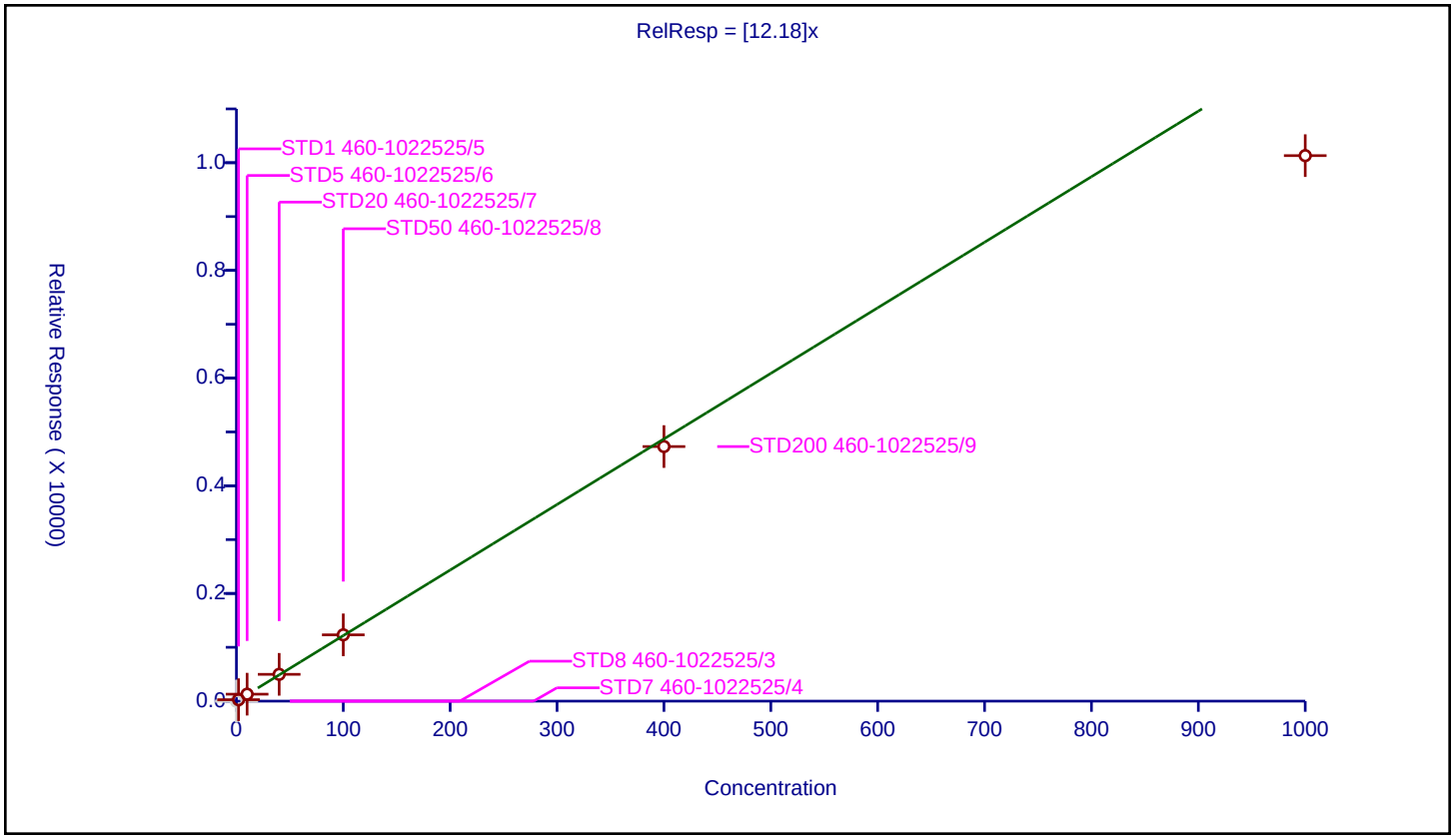
Curve Coefficients

Intercept:	0
Slope:	12.18

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	2.0	26.814377	1000.0	149211.0	13.407188	Y
4	STD5 460-1022525/6	10.0	129.351743	1000.0	140145.0	12.935174	Y
5	STD20 460-1022525/7	40.0	497.802876	1000.0	157251.0	12.445072	Y
6	STD50 460-1022525/8	100.0	1231.347842	1000.0	162059.0	12.313478	Y
7	STD200 460-1022525/9	400.0	4728.248785	1000.0	152003.0	11.820622	Y
8	STD500 460-1022525/10	1000.0	10131.768494	1000.0	188816.0	10.131768	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

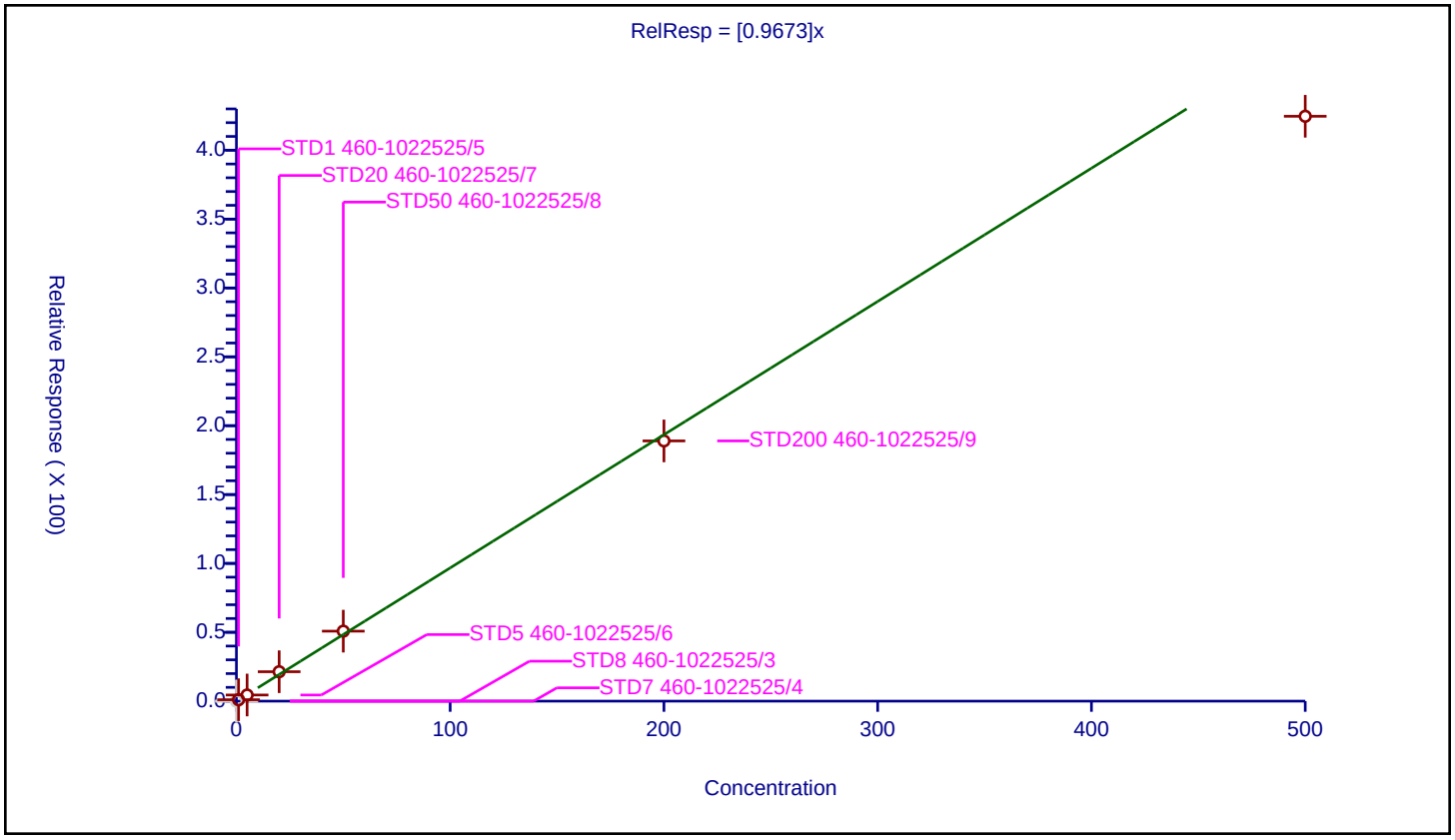
Curve Coefficients

Intercept:	0
Slope:	0.9673

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	1.03352	50.0	468641.0	1.03352	Y
4	STD5 460-1022525/6	5.0	4.459133	50.0	478389.0	0.891827	Y
5	STD20 460-1022525/7	20.0	21.363713	50.0	485014.0	1.068186	Y
6	STD50 460-1022525/8	50.0	50.813462	50.0	503711.0	1.016269	Y
7	STD200 460-1022525/9	200.0	188.940077	50.0	517377.0	0.9447	Y
8	STD500 460-1022525/10	500.0	424.648372	50.0	580300.0	0.849297	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

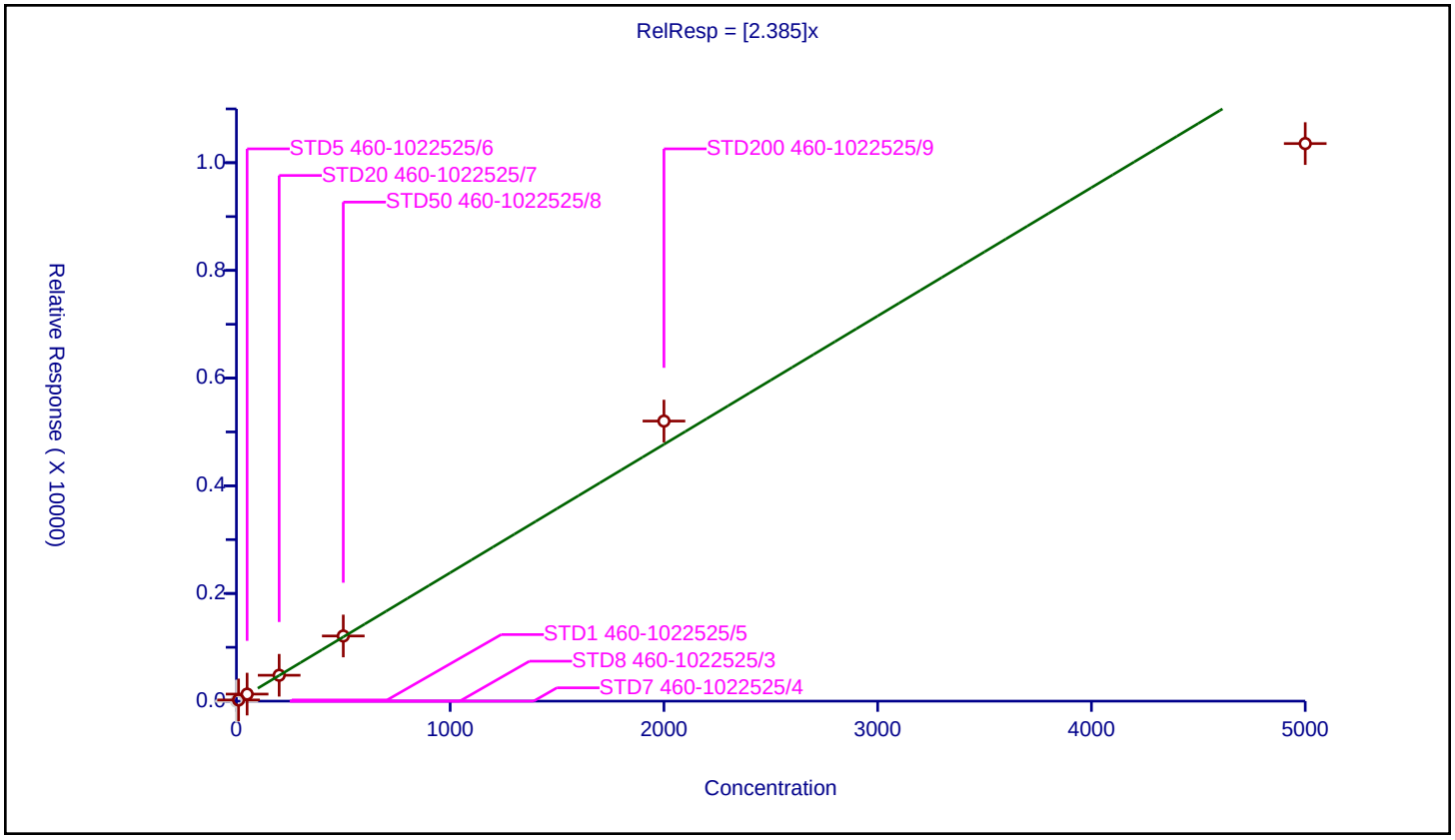
Curve Coefficients

Intercept:	0
Slope:	2.385

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	2.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	10.0	21.962188	1000.0	149211.0	2.196219	Y
4	STD5 460-1022525/6	50.0	130.828784	1000.0	140145.0	2.616576	Y
5	STD20 460-1022525/7	200.0	480.416659	1000.0	157251.0	2.402083	Y
6	STD50 460-1022525/8	500.0	1210.238247	1000.0	162059.0	2.420476	Y
7	STD200 460-1022525/9	2000.0	5201.831543	1000.0	152003.0	2.600916	Y
8	STD500 460-1022525/10	5000.0	10355.955004	1000.0	188816.0	2.071191	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

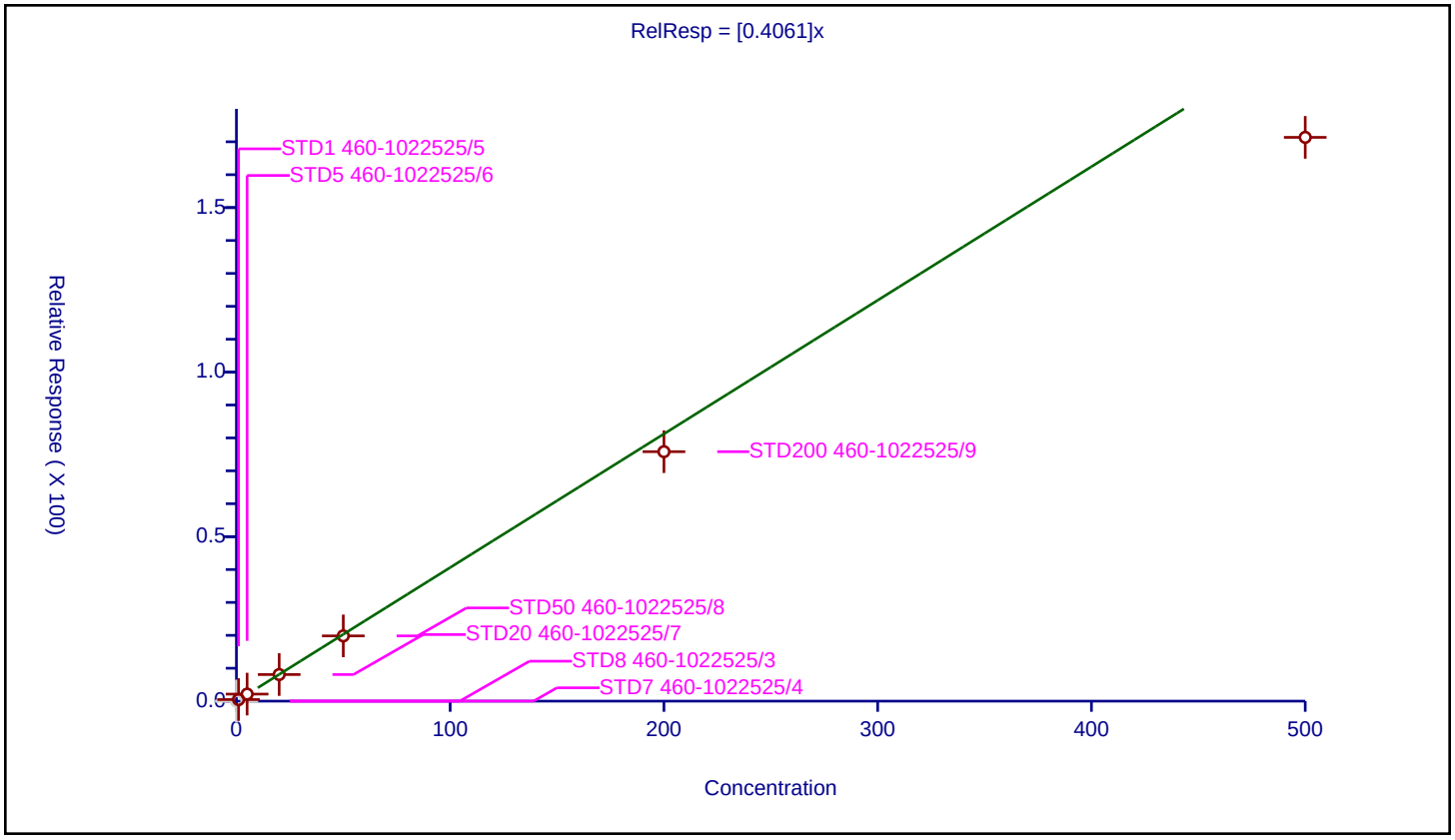
Curve Coefficients

Intercept:	0
Slope:	0.4061

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.485126	50.0	468641.0	0.485126	Y
4	STD5 460-1022525/6	5.0	2.144489	50.0	478389.0	0.428898	Y
5	STD20 460-1022525/7	20.0	8.085952	50.0	485014.0	0.404298	Y
6	STD50 460-1022525/8	50.0	19.826349	50.0	503711.0	0.396527	Y
7	STD200 460-1022525/9	200.0	75.817151	50.0	517377.0	0.379086	Y
8	STD500 460-1022525/10	500.0	171.347837	50.0	580300.0	0.342696	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

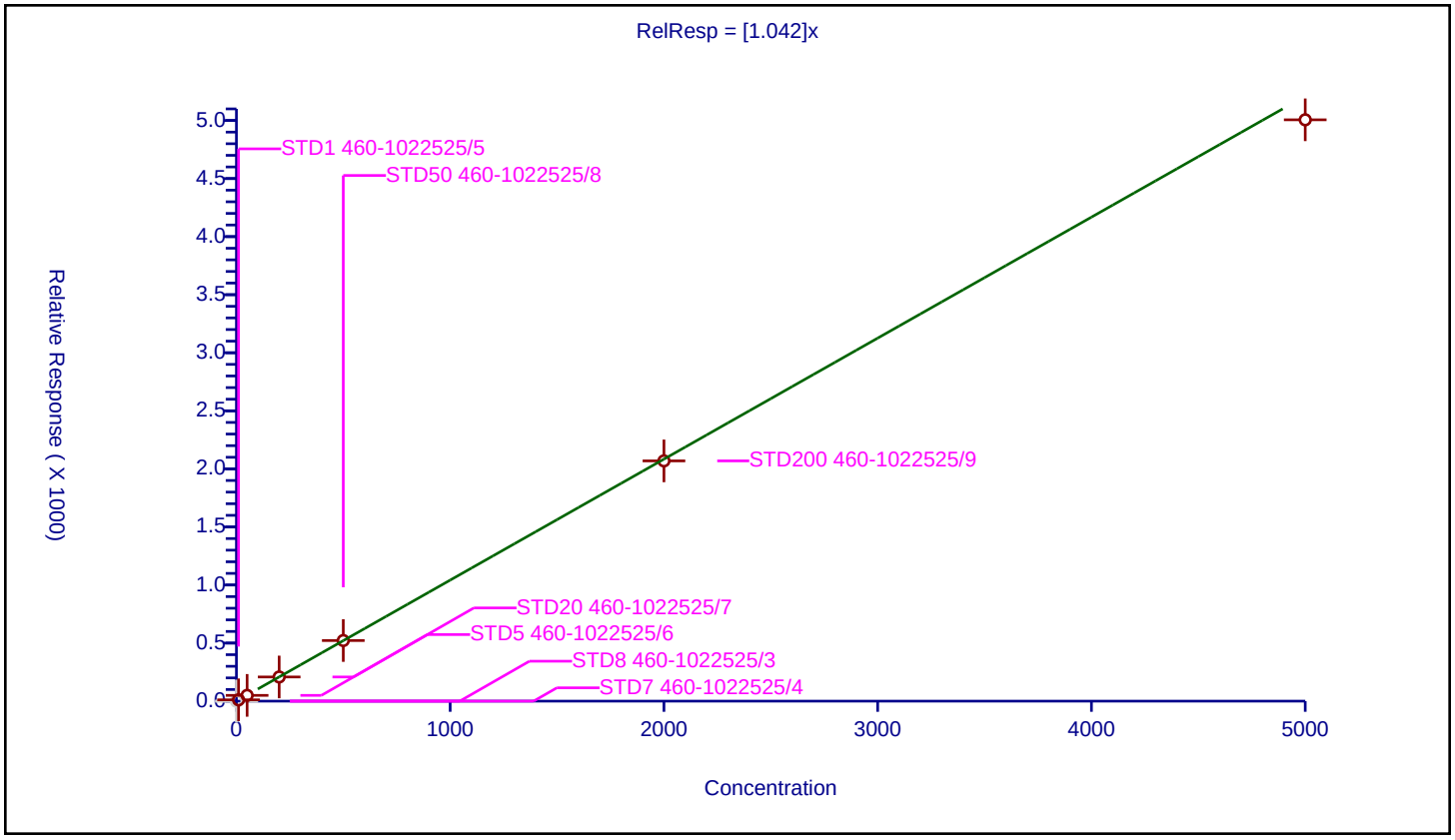
Curve Coefficients

Intercept:	0
Slope:	1.042

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	2.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	10.0	11.399964	1000.0	149211.0	1.139996	Y
4	STD5 460-1022525/6	50.0	49.577224	1000.0	140145.0	0.991544	Y
5	STD20 460-1022525/7	200.0	208.157659	1000.0	157251.0	1.040788	Y
6	STD50 460-1022525/8	500.0	521.939541	1000.0	162059.0	1.043879	Y
7	STD200 460-1022525/9	2000.0	2068.93285	1000.0	152003.0	1.034466	Y
8	STD500 460-1022525/10	5000.0	5005.979366	1000.0	188816.0	1.001196	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

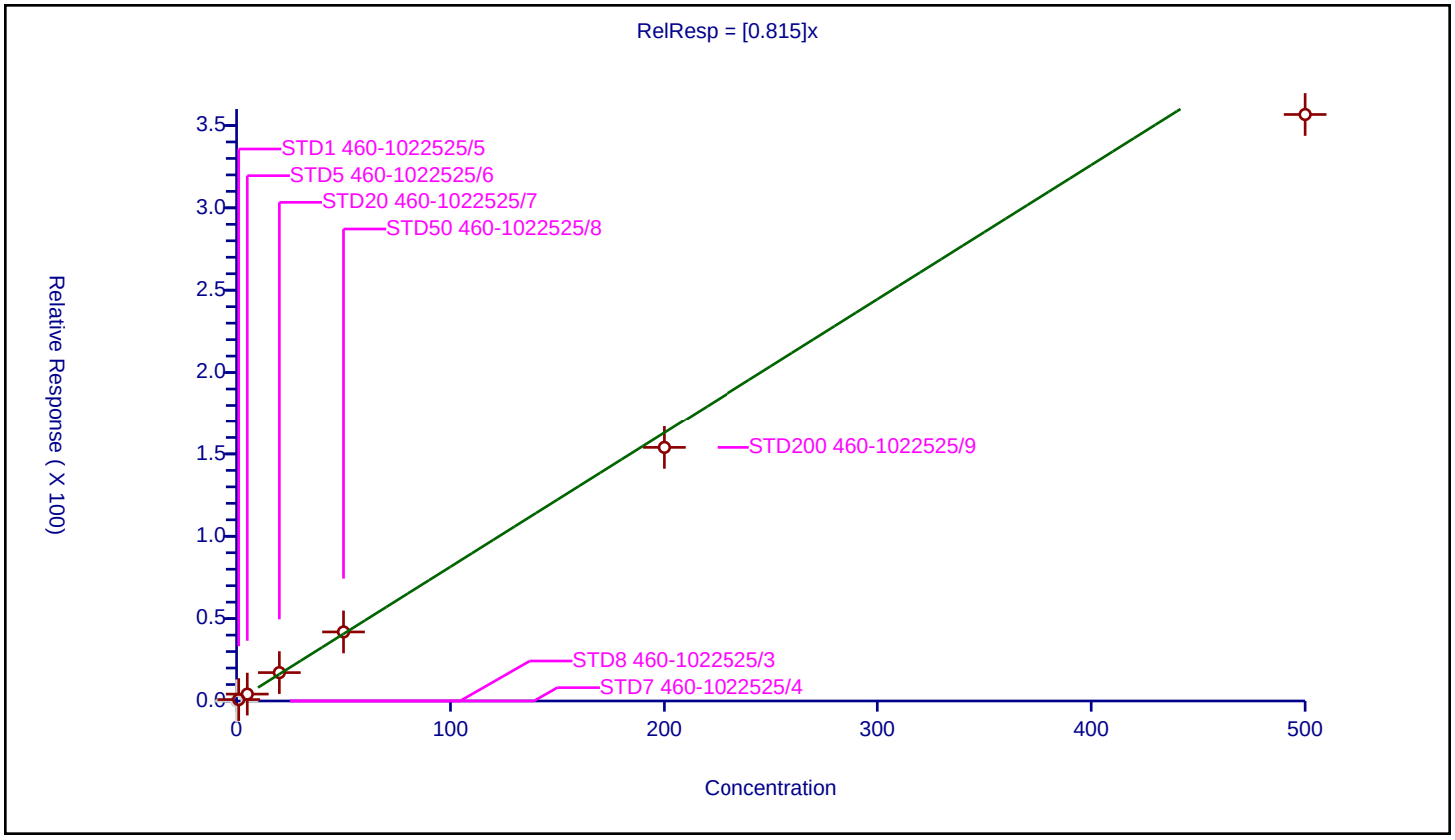
Curve Coefficients

Intercept:	0
Slope:	0.815

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.869429	50.0	468641.0	0.869429	Y
4	STD5 460-1022525/6	5.0	4.186551	50.0	478389.0	0.83731	Y
5	STD20 460-1022525/7	20.0	17.229606	50.0	485014.0	0.86148	Y
6	STD50 460-1022525/8	50.0	41.921062	50.0	503711.0	0.838421	Y
7	STD200 460-1022525/9	200.0	153.964324	50.0	517377.0	0.769822	Y
8	STD500 460-1022525/10	500.0	356.675685	50.0	580300.0	0.713351	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

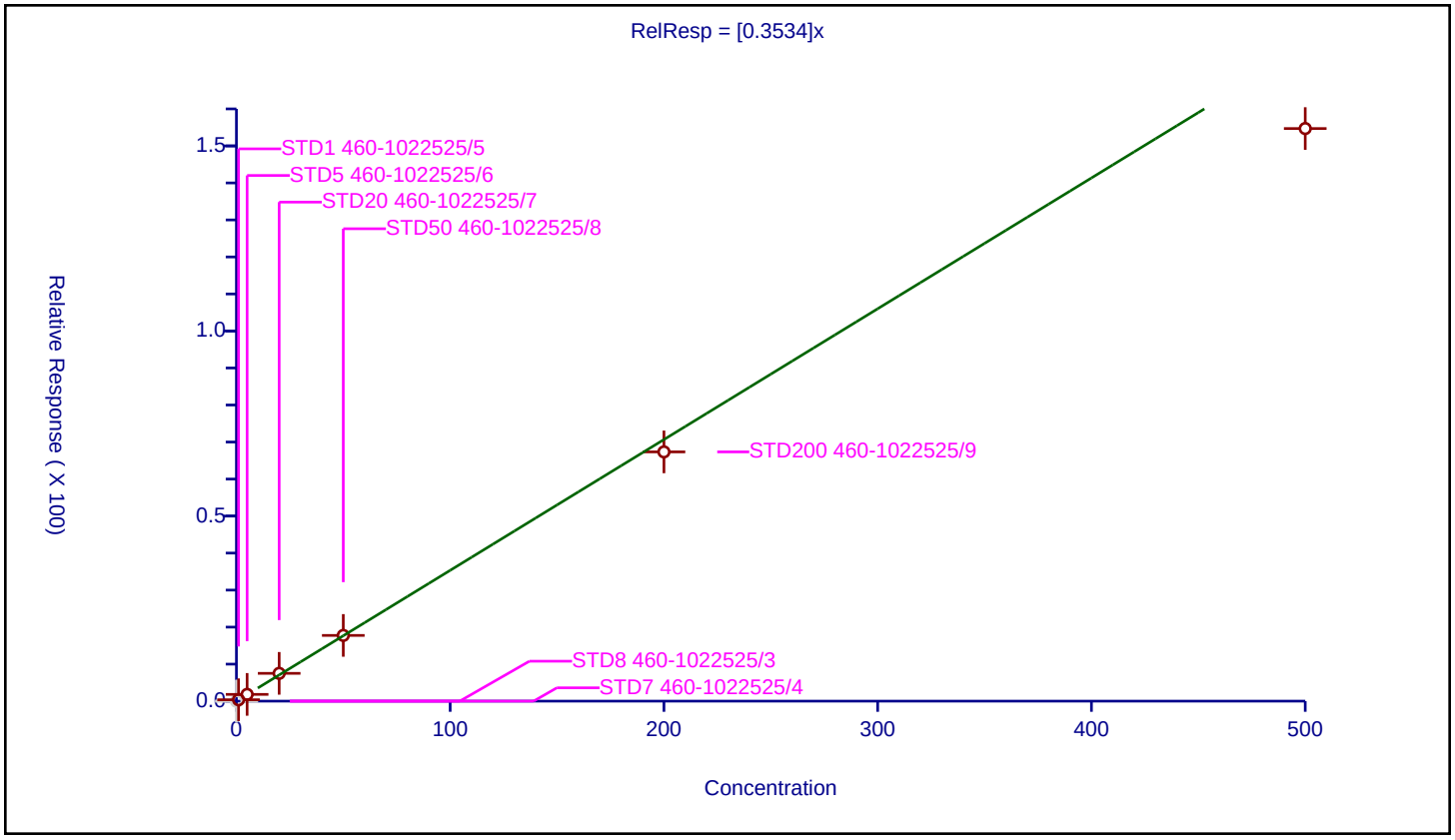
Curve Coefficients

Intercept:	0
Slope:	0.3534

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.378221	50.0	468641.0	0.378221	Y
4	STD5 460-1022525/6	5.0	1.82592	50.0	478389.0	0.365184	Y
5	STD20 460-1022525/7	20.0	7.509165	50.0	485014.0	0.375458	Y
6	STD50 460-1022525/8	50.0	17.757802	50.0	503711.0	0.355156	Y
7	STD200 460-1022525/9	200.0	67.339677	50.0	517377.0	0.336698	Y
8	STD500 460-1022525/10	500.0	154.693176	50.0	580300.0	0.309386	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

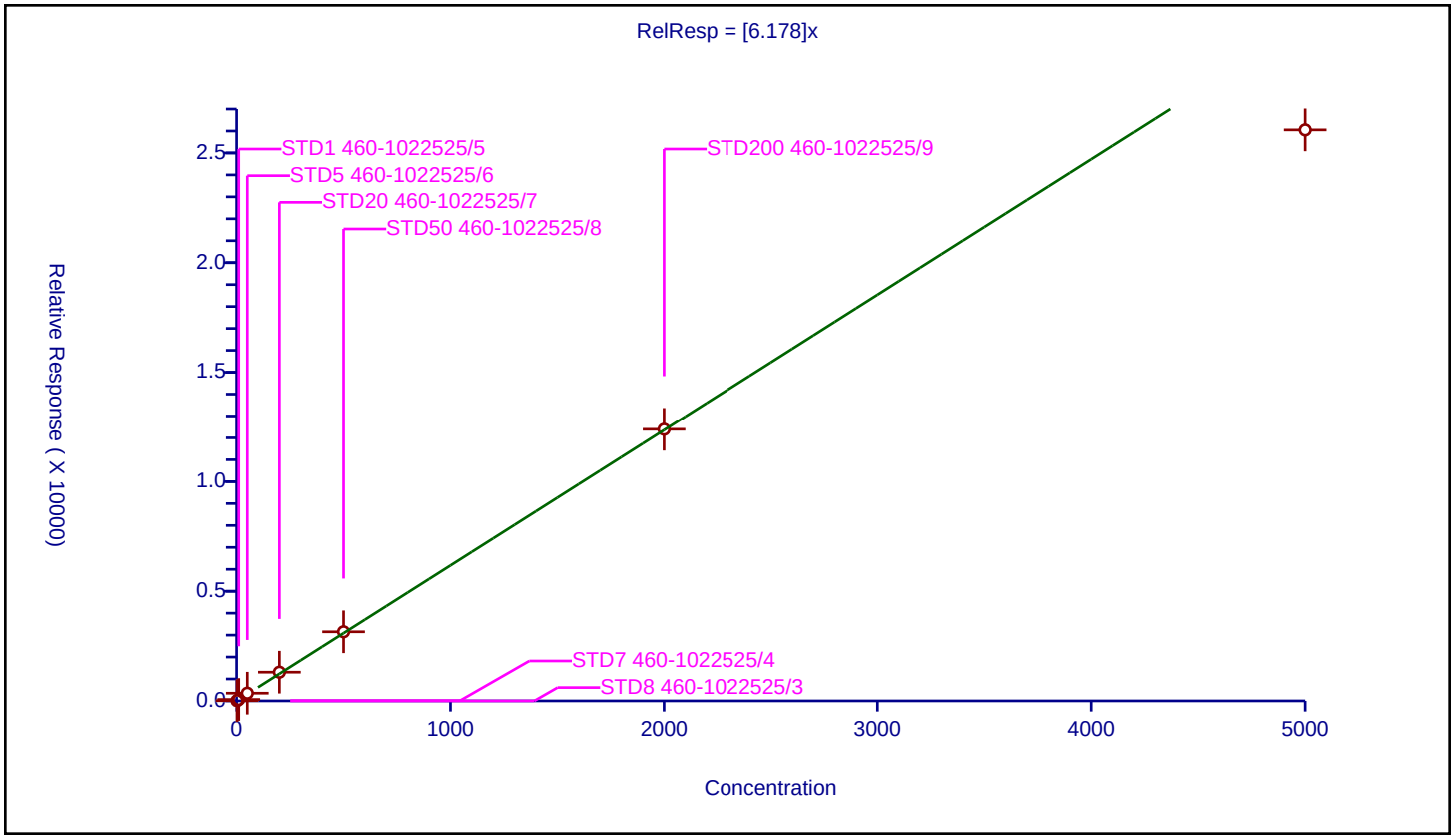
Curve Coefficients

Intercept:	0
Slope:	6.178

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	2.0	0.0	1000.0	131300.0	0.0	N
2	STD7 460-1022525/4	2.0	11.195145	1000.0	130503.0	5.597572	Y
3	STD1 460-1022525/5	10.0	63.607911	1000.0	149211.0	6.360791	Y
4	STD5 460-1022525/6	50.0	351.642941	1000.0	140145.0	7.032859	Y
5	STD20 460-1022525/7	200.0	1309.320767	1000.0	157251.0	6.546604	Y
6	STD50 460-1022525/8	500.0	3152.092756	1000.0	162059.0	6.304186	Y
7	STD200 460-1022525/9	2000.0	12391.446221	1000.0	152003.0	6.195723	Y
8	STD500 460-1022525/10	5000.0	26052.188374	1000.0	188816.0	5.210438	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

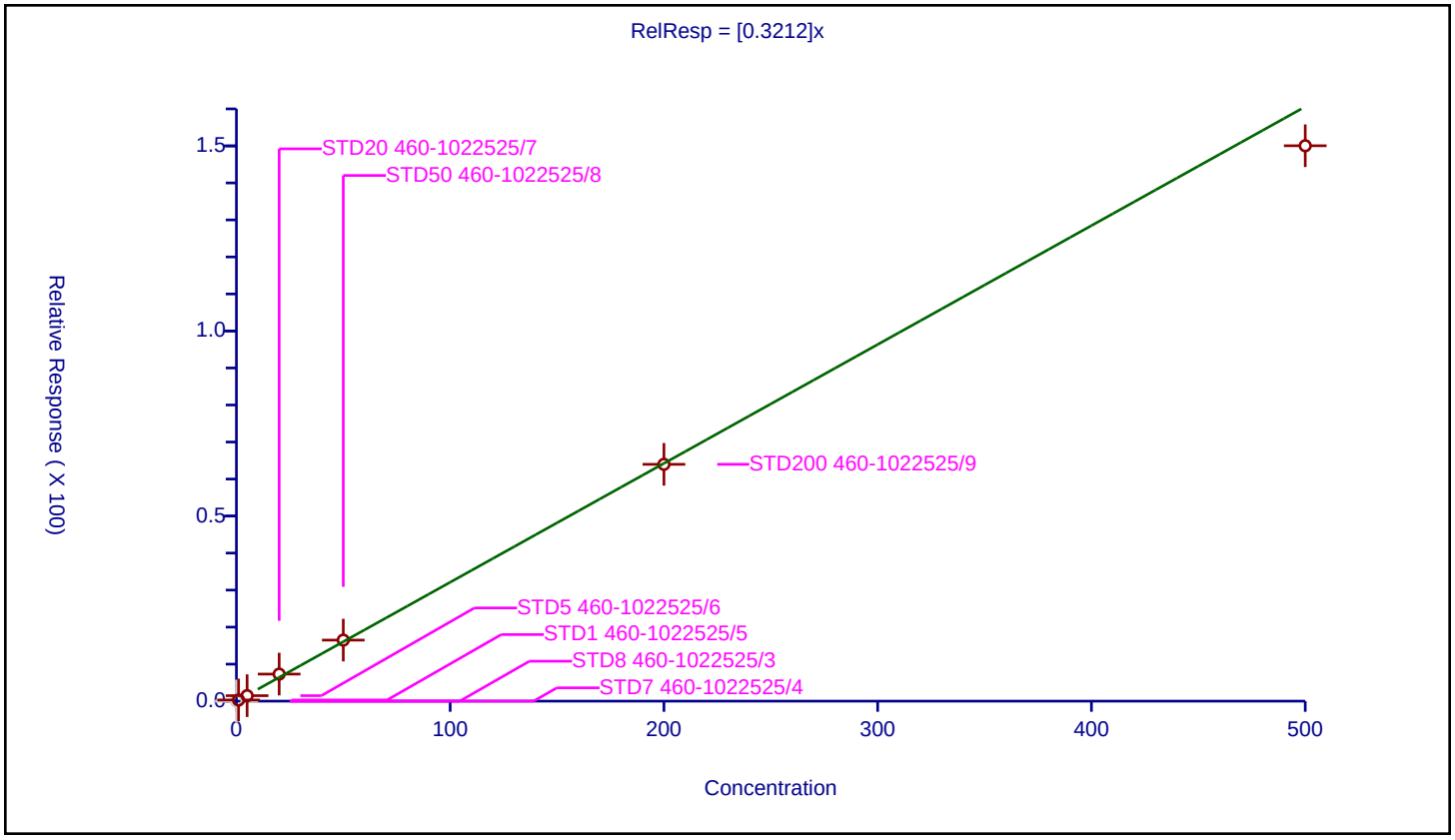
Curve Coefficients

Intercept:	0
Slope:	0.3212

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.316447	50.0	468641.0	0.316447	Y
4	STD5 460-1022525/6	5.0	1.477563	50.0	478389.0	0.295513	Y
5	STD20 460-1022525/7	20.0	7.305459	50.0	485014.0	0.365273	Y
6	STD50 460-1022525/8	50.0	16.491302	50.0	503711.0	0.329826	Y
7	STD200 460-1022525/9	200.0	63.980908	50.0	517377.0	0.319905	Y
8	STD500 460-1022525/10	500.0	150.041186	50.0	580300.0	0.300082	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

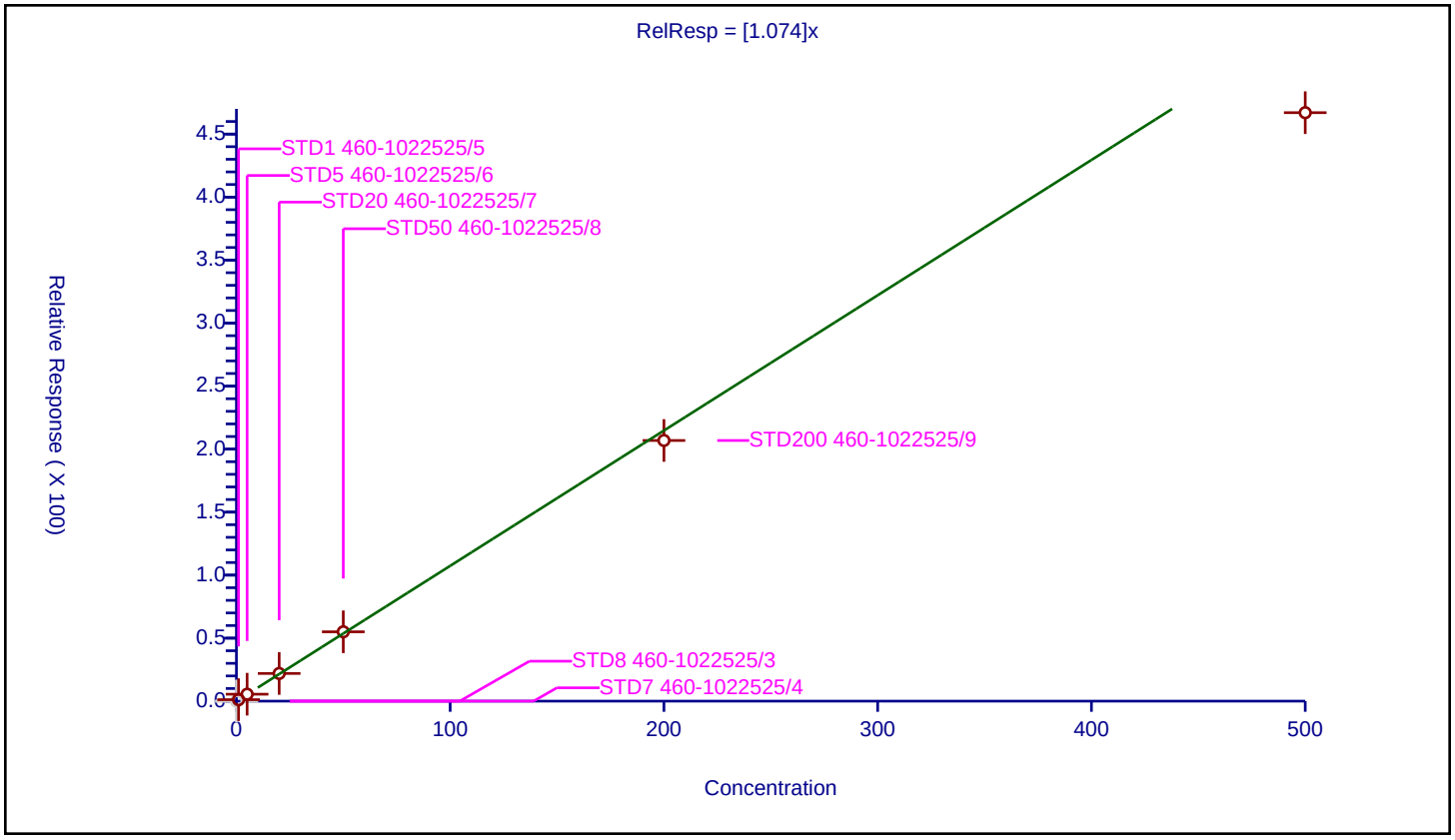
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	1.171792	50.0	468641.0	1.171792	Y
4	STD5 460-1022525/6	5.0	5.514654	50.0	478389.0	1.102931	Y
5	STD20 460-1022525/7	20.0	21.966995	50.0	485014.0	1.09835	Y
6	STD50 460-1022525/8	50.0	55.025898	50.0	503711.0	1.100518	Y
7	STD200 460-1022525/9	200.0	206.861631	50.0	517377.0	1.034308	Y
8	STD500 460-1022525/10	500.0	467.00293	50.0	580300.0	0.934006	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

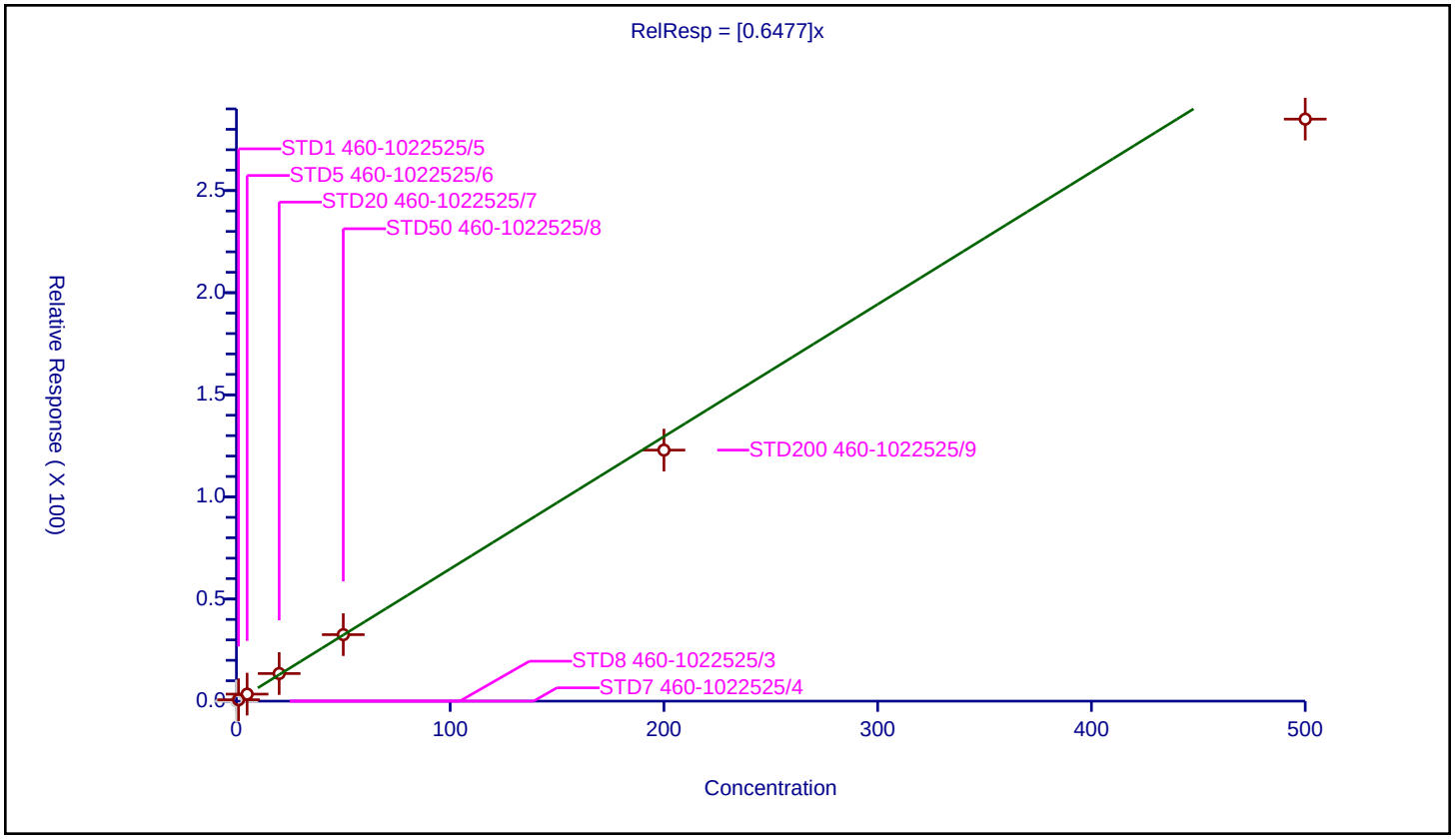
Curve Coefficients

Intercept:	0
Slope:	0.6477

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.68816	50.0	468641.0	0.68816	Y
4	STD5 460-1022525/6	5.0	3.430367	50.0	478389.0	0.686073	Y
5	STD20 460-1022525/7	20.0	13.521775	50.0	485014.0	0.676089	Y
6	STD50 460-1022525/8	50.0	32.553587	50.0	503711.0	0.651072	Y
7	STD200 460-1022525/9	200.0	122.91965	50.0	517377.0	0.614598	Y
8	STD500 460-1022525/10	500.0	284.992332	50.0	580300.0	0.569985	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

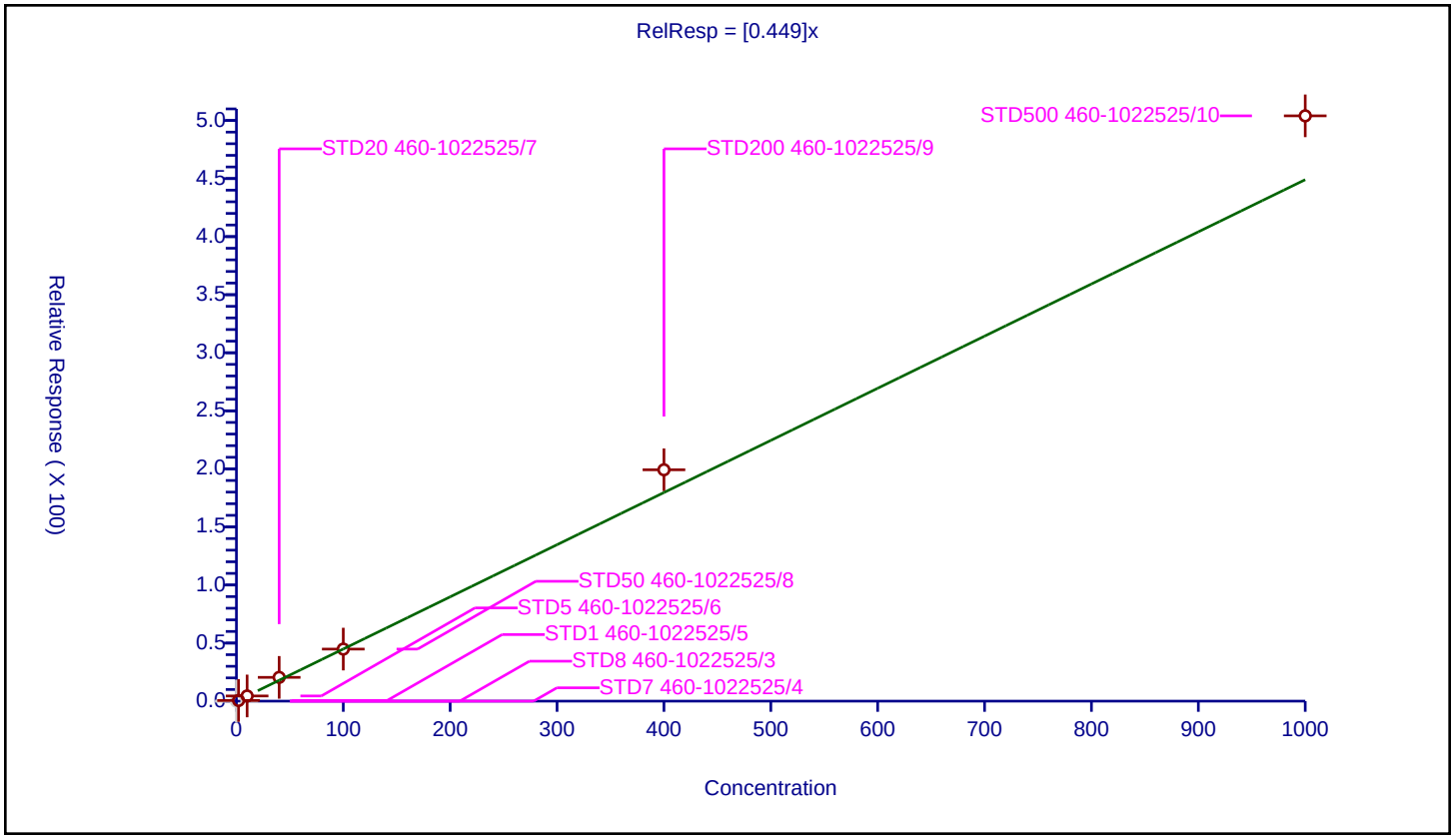
Curve Coefficients

Intercept:	0
Slope:	0.449

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	2.0	0.571973	50.0	468641.0	0.285987	Y
4	STD5 460-1022525/6	10.0	4.461327	50.0	478389.0	0.446133	Y
5	STD20 460-1022525/7	40.0	20.465286	50.0	485014.0	0.511632	Y
6	STD50 460-1022525/8	100.0	44.835828	50.0	503711.0	0.448358	Y
7	STD200 460-1022525/9	400.0	199.228319	50.0	517377.0	0.498071	Y
8	STD500 460-1022525/10	1000.0	504.003791	50.0	580300.0	0.504004	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

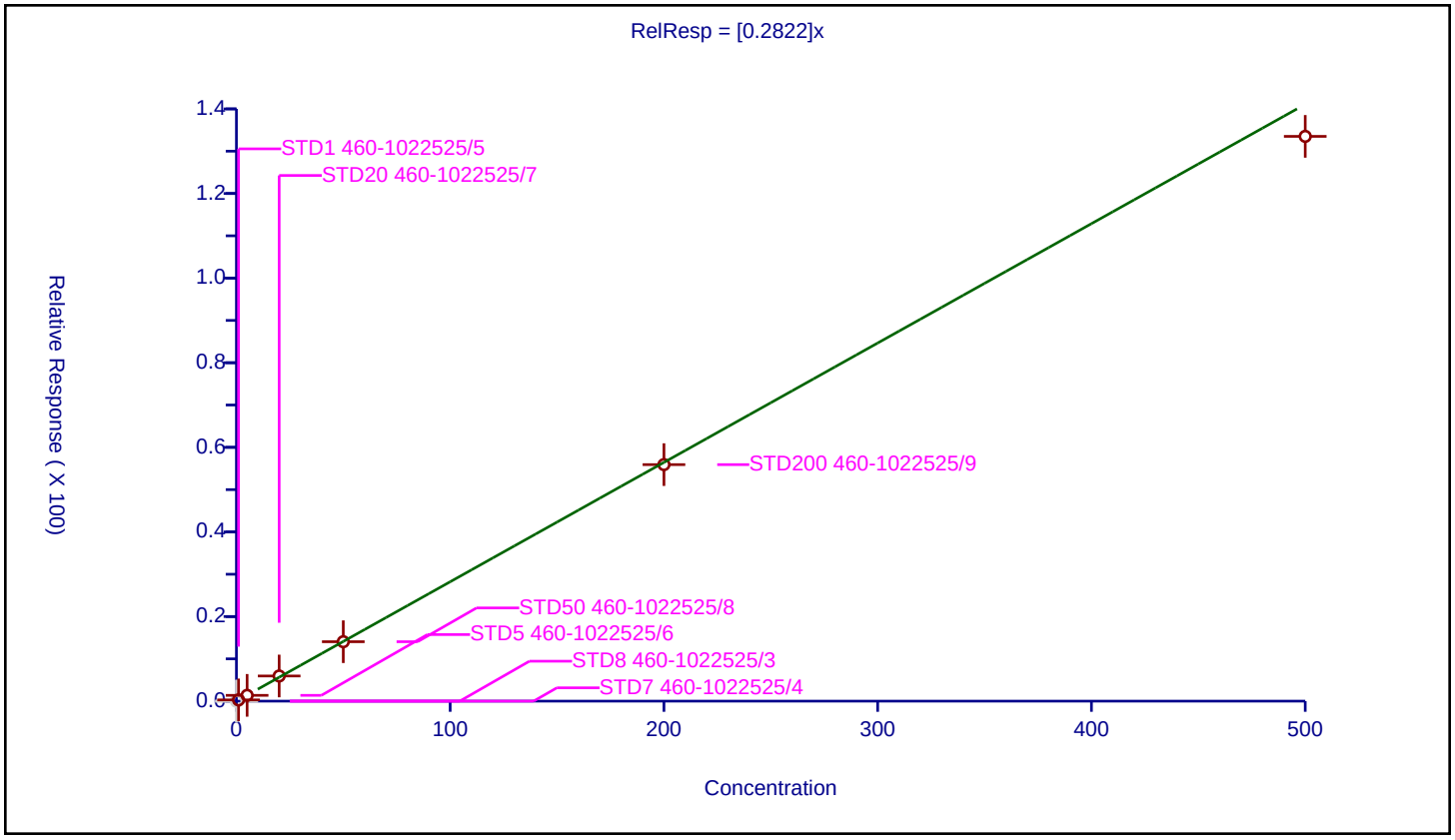
Curve Coefficients

Intercept:	0
Slope:	0.2822

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.294468	50.0	468641.0	0.294468	Y
4	STD5 460-1022525/6	5.0	1.368552	50.0	478389.0	0.27371	Y
5	STD20 460-1022525/7	20.0	5.946942	50.0	485014.0	0.297347	Y
6	STD50 460-1022525/8	50.0	14.047043	50.0	503711.0	0.280941	Y
7	STD200 460-1022525/9	200.0	55.91213	50.0	517377.0	0.279561	Y
8	STD500 460-1022525/10	500.0	133.504825	50.0	580300.0	0.26701	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

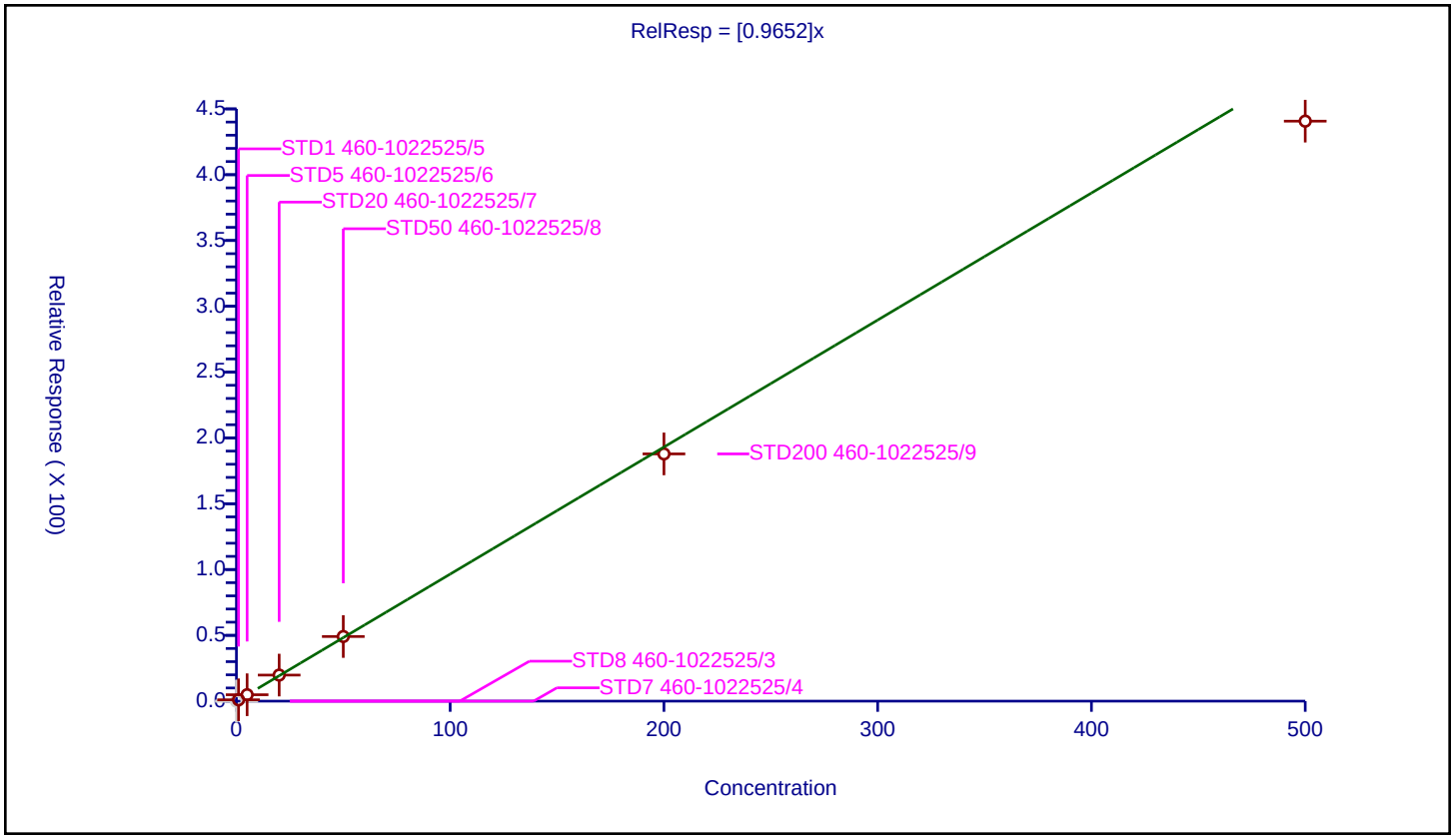
Curve Coefficients

Intercept:	0
Slope:	0.9652

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	1.023171	50.0	468641.0	1.023171	Y
4	STD5 460-1022525/6	5.0	4.87553	50.0	478389.0	0.975106	Y
5	STD20 460-1022525/7	20.0	19.806026	50.0	485014.0	0.990301	Y
6	STD50 460-1022525/8	50.0	49.104745	50.0	503711.0	0.982095	Y
7	STD200 460-1022525/9	200.0	187.849383	50.0	517377.0	0.939247	Y
8	STD500 460-1022525/10	500.0	440.688092	50.0	580300.0	0.881376	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

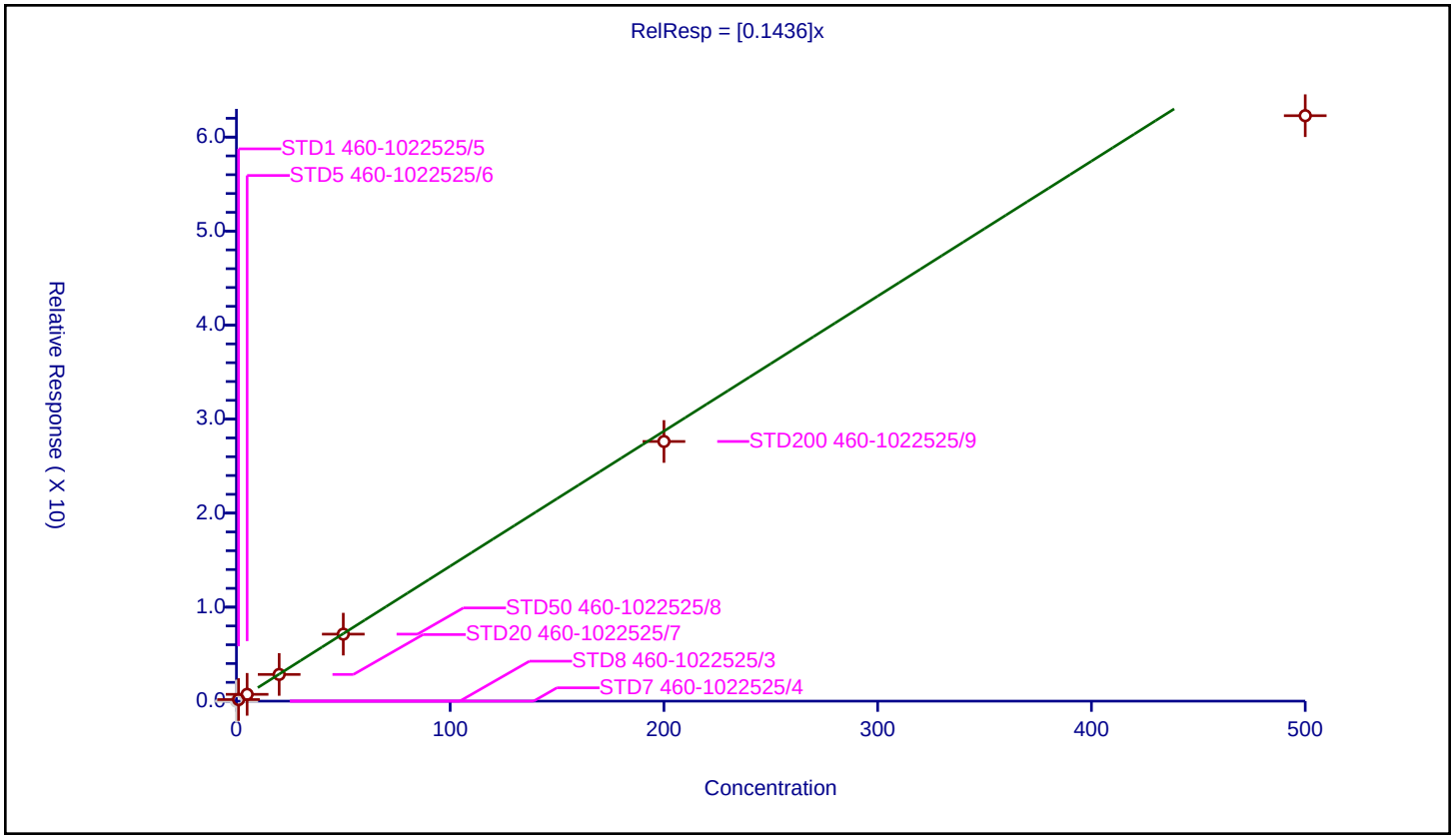
Curve Coefficients

Intercept:	0
Slope:	0.1436

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.169426	50.0	468641.0	0.169426	Y
4	STD5 460-1022525/6	5.0	0.725142	50.0	478389.0	0.145028	Y
5	STD20 460-1022525/7	20.0	2.839506	50.0	485014.0	0.141975	Y
6	STD50 460-1022525/8	50.0	7.126805	50.0	503711.0	0.142536	Y
7	STD200 460-1022525/9	200.0	27.621638	50.0	517377.0	0.138108	Y
8	STD500 460-1022525/10	500.0	62.276667	50.0	580300.0	0.124553	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

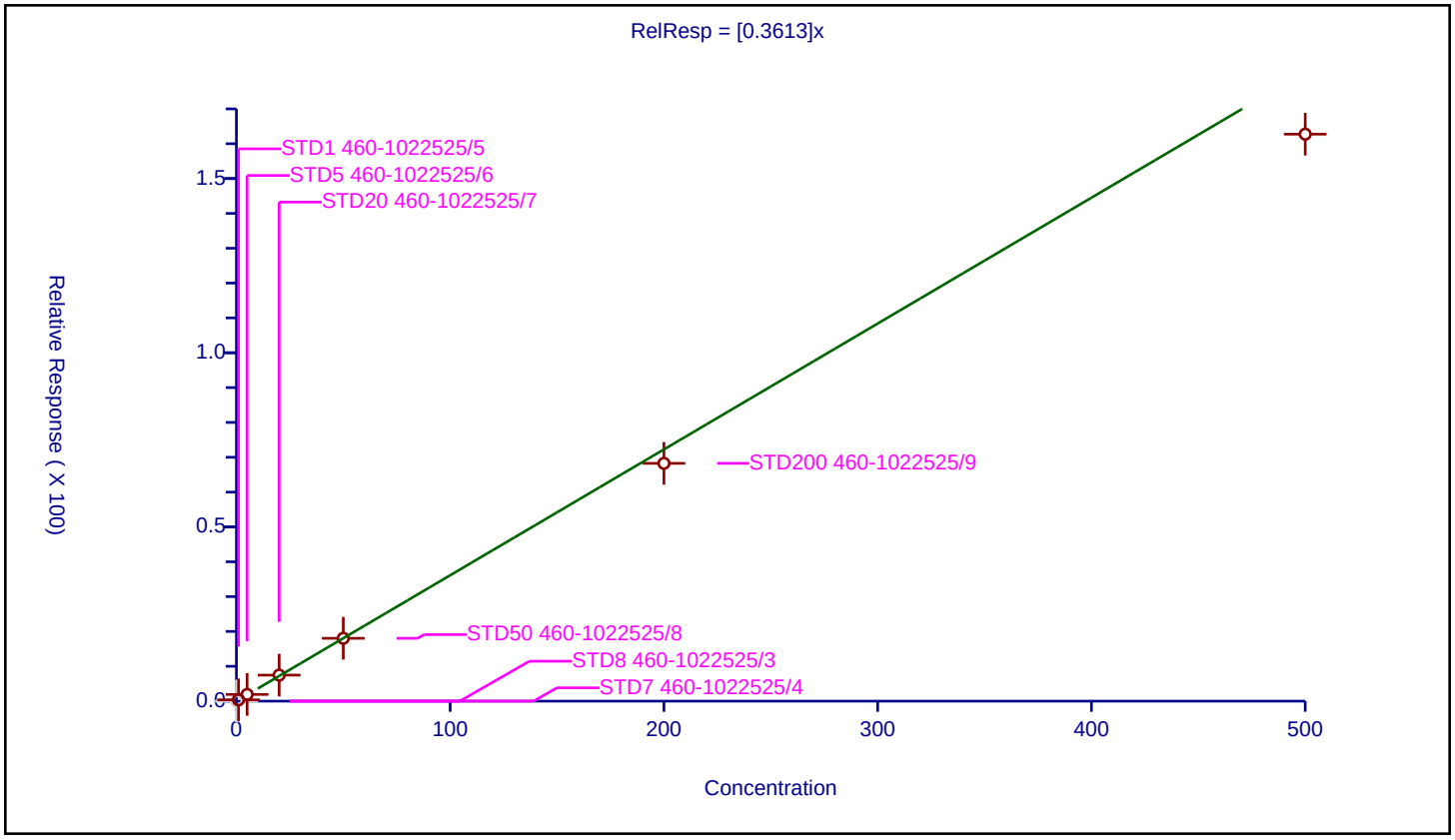
Curve Coefficients

Intercept:	0
Slope:	0.3613

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.381742	50.0	468641.0	0.381742	Y
4	STD5 460-1022525/6	5.0	1.924062	50.0	478389.0	0.384812	Y
5	STD20 460-1022525/7	20.0	7.470918	50.0	485014.0	0.373546	Y
6	STD50 460-1022525/8	50.0	18.038022	50.0	503711.0	0.36076	Y
7	STD200 460-1022525/9	200.0	68.260862	50.0	517377.0	0.341304	Y
8	STD500 460-1022525/10	500.0	162.744184	50.0	580300.0	0.325488	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

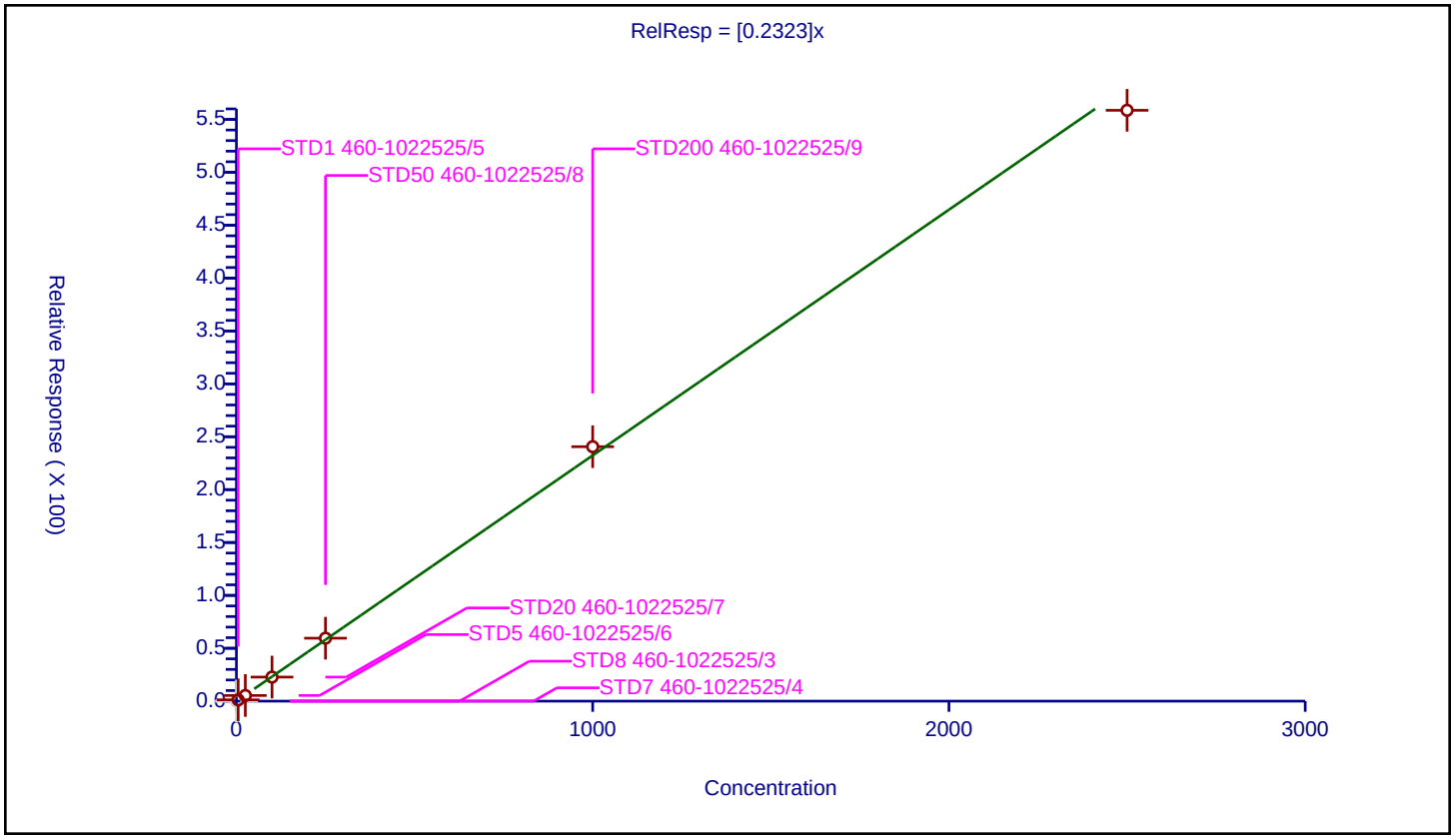
Curve Coefficients

Intercept:	0
Slope:	0.2323

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	250.0	153739.0	NaN	N
2	STD8 460-1022525/3	1.0	0.0	250.0	180129.0	0.0	N
3	STD1 460-1022525/5	5.0	1.251412	250.0	199175.0	0.250282	Y
4	STD5 460-1022525/6	25.0	5.349373	250.0	190069.0	0.213975	Y
5	STD20 460-1022525/7	100.0	22.757709	250.0	211324.0	0.227577	Y
6	STD50 460-1022525/8	250.0	59.521149	250.0	214806.0	0.238085	Y
7	STD200 460-1022525/9	1000.0	240.585613	250.0	214459.0	0.240586	Y
8	STD500 460-1022525/10	2500.0	558.670931	250.0	253260.0	0.223468	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

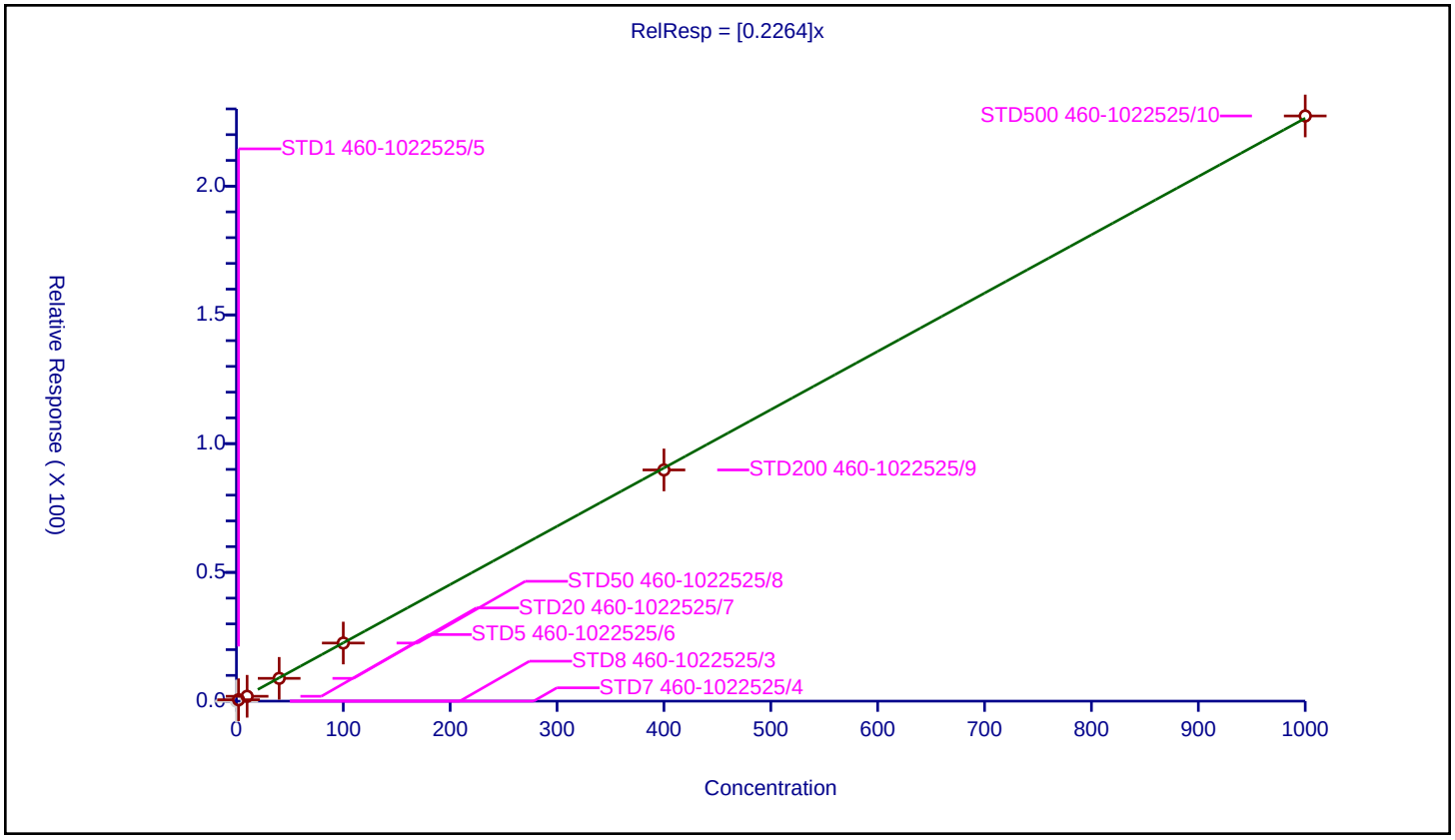
Curve Coefficients

Intercept:	0
Slope:	0.2264

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	250.0	153739.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	250.0	180129.0	0.0	N
3	STD1 460-1022525/5	2.0	0.540982	250.0	199175.0	0.270491	Y
4	STD5 460-1022525/6	10.0	1.891418	250.0	190069.0	0.189142	Y
5	STD20 460-1022525/7	40.0	8.850154	250.0	211324.0	0.221254	Y
6	STD50 460-1022525/8	100.0	22.568038	250.0	214806.0	0.22568	Y
7	STD200 460-1022525/9	400.0	89.782896	250.0	214459.0	0.224457	Y
8	STD500 460-1022525/10	1000.0	227.257561	250.0	253260.0	0.227258	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

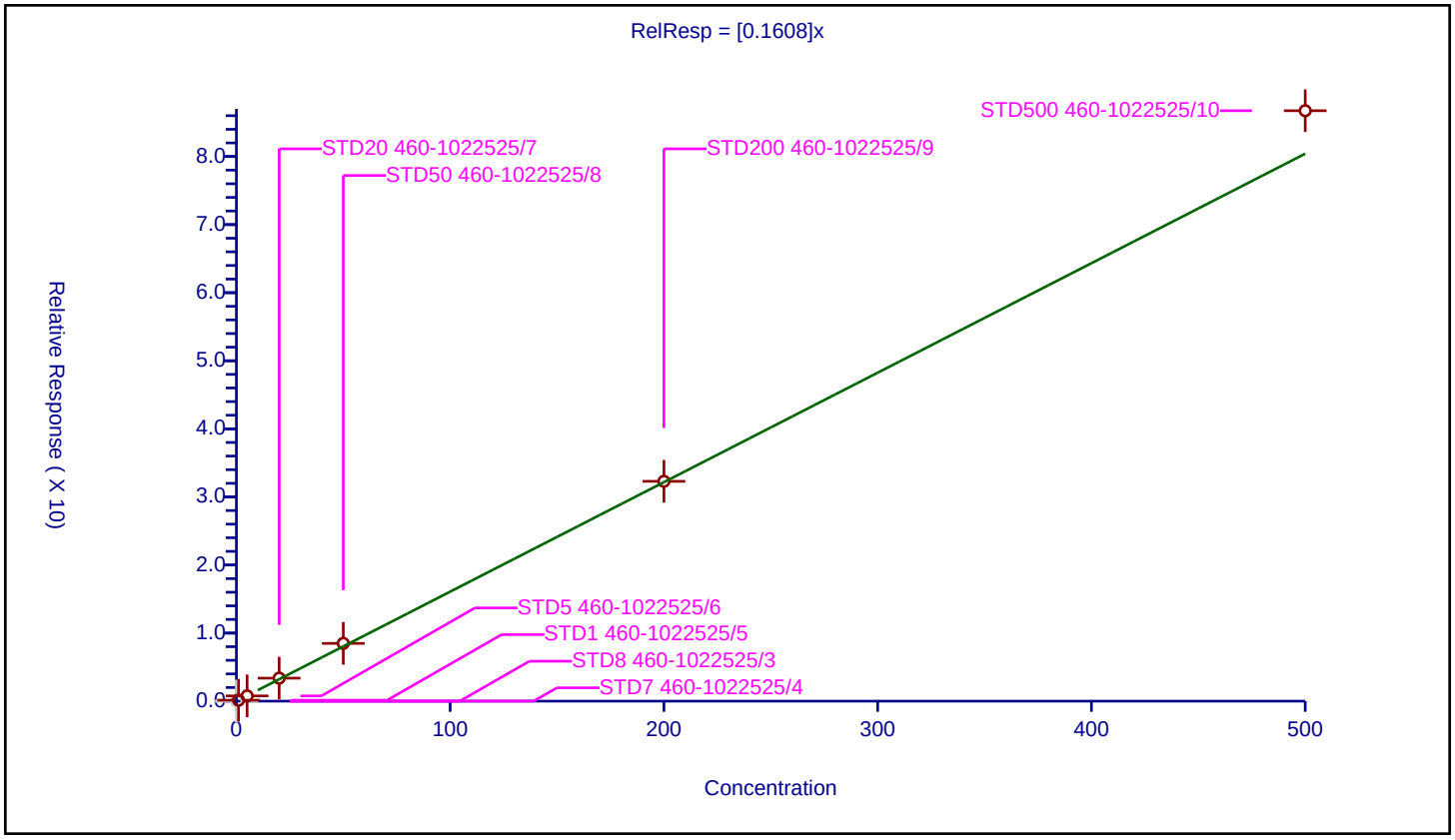
Curve Coefficients

Intercept:	0
Slope:	0.1608

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.137952	50.0	468641.0	0.137952	Y
4	STD5 460-1022525/6	5.0	0.767263	50.0	478389.0	0.153453	Y
5	STD20 460-1022525/7	20.0	3.378975	50.0	485014.0	0.168949	Y
6	STD50 460-1022525/8	50.0	8.48423	50.0	503711.0	0.169685	Y
7	STD200 460-1022525/9	200.0	32.292893	50.0	517377.0	0.161464	Y
8	STD500 460-1022525/10	500.0	86.729795	50.0	580300.0	0.17346	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

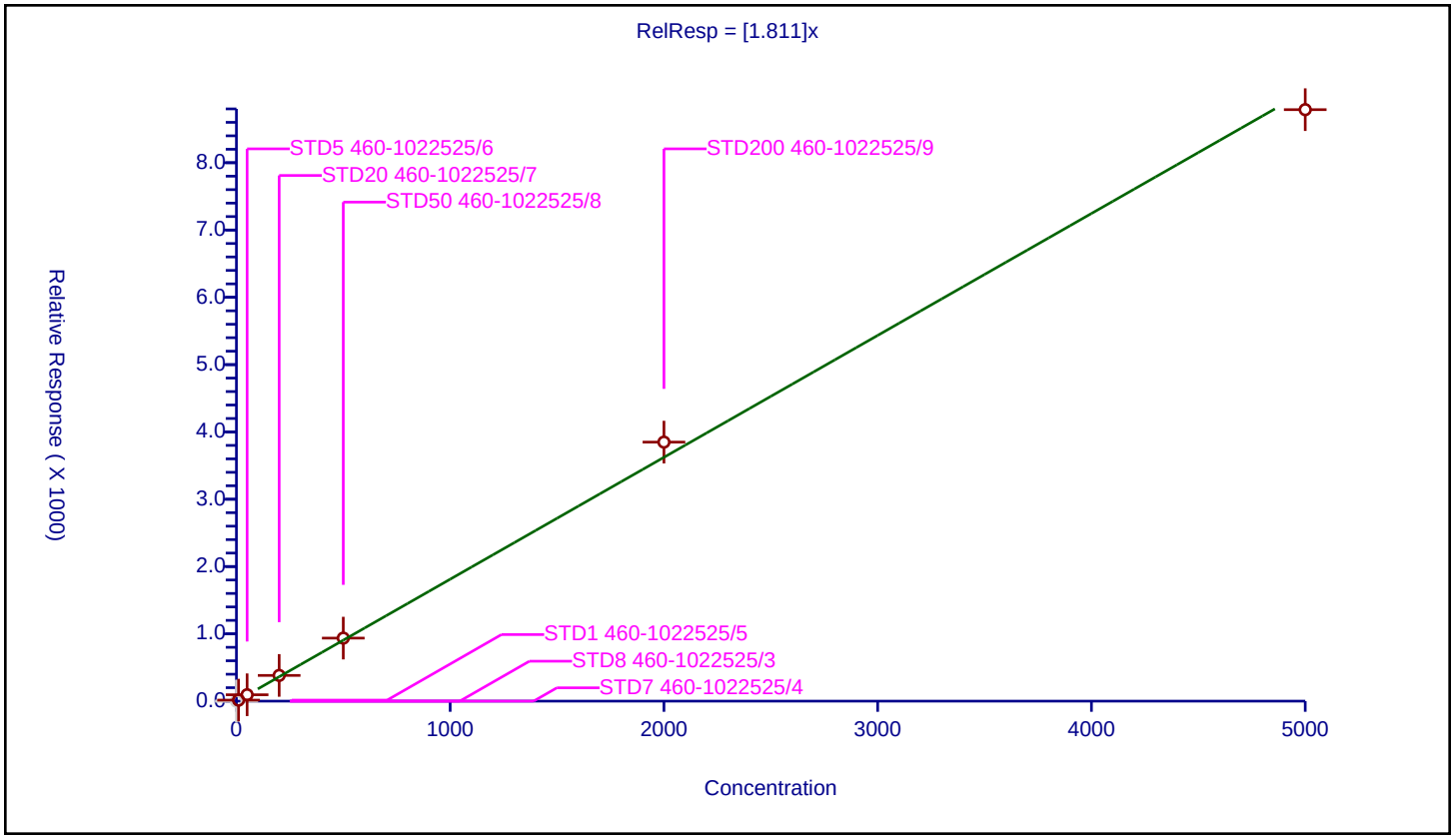
Curve Coefficients

Intercept:	0
Slope:	1.811

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	2.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	10.0	15.045808	1000.0	149211.0	1.504581	Y
4	STD5 460-1022525/6	50.0	94.880303	1000.0	140145.0	1.897606	Y
5	STD20 460-1022525/7	200.0	382.17245	1000.0	157251.0	1.910862	Y
6	STD50 460-1022525/8	500.0	936.720577	1000.0	162059.0	1.873441	Y
7	STD200 460-1022525/9	2000.0	3848.83851	1000.0	152003.0	1.924419	Y
8	STD500 460-1022525/10	5000.0	8788.503093	1000.0	188816.0	1.757701	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

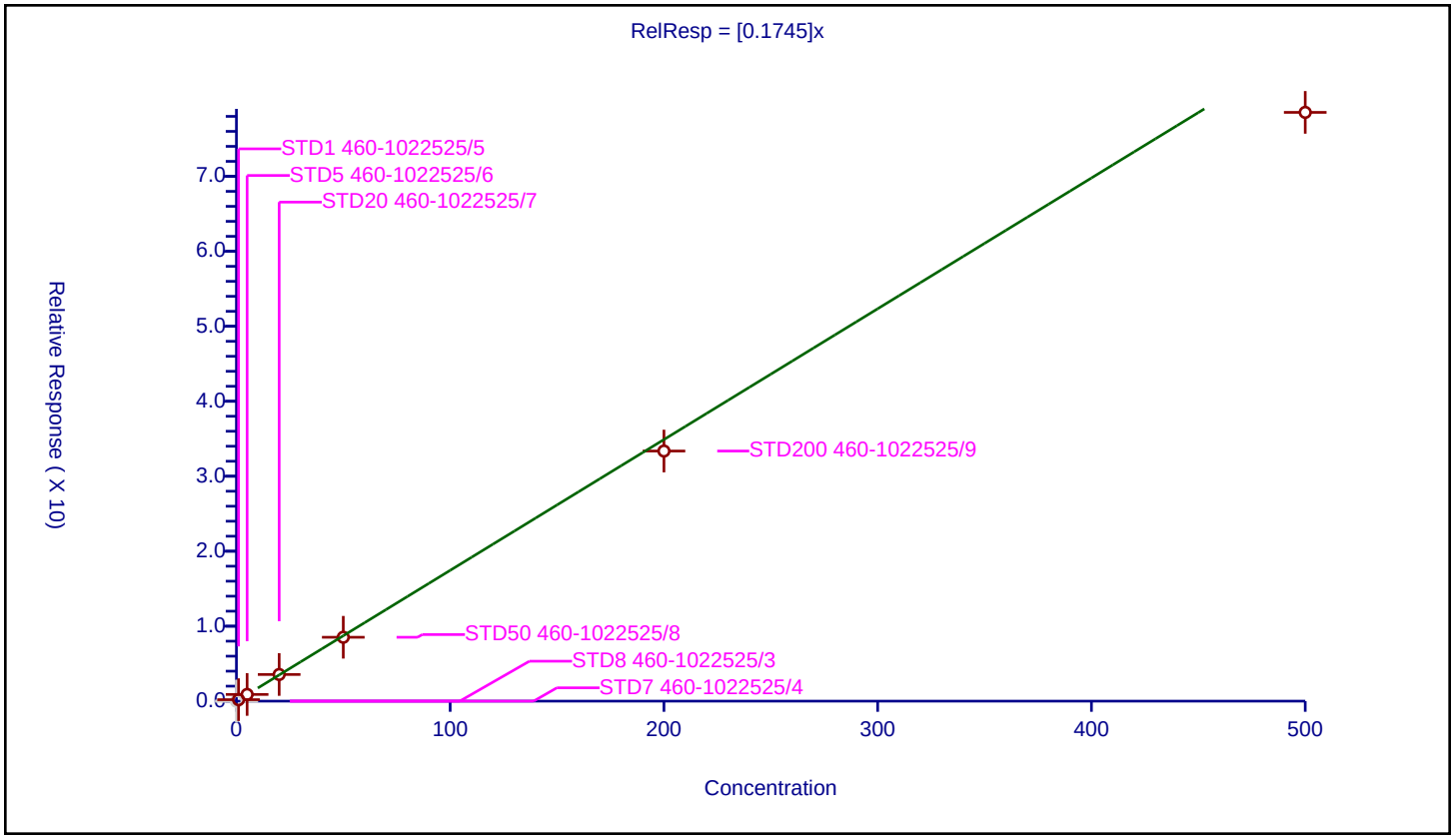
Curve Coefficients

Intercept:	0
Slope:	0.1745

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.196312	50.0	468641.0	0.196312	Y
4	STD5 460-1022525/6	5.0	0.892056	50.0	478389.0	0.178411	Y
5	STD20 460-1022525/7	20.0	3.555258	50.0	485014.0	0.177763	Y
6	STD50 460-1022525/8	50.0	8.521454	50.0	503711.0	0.170429	Y
7	STD200 460-1022525/9	200.0	33.361069	50.0	517377.0	0.166805	Y
8	STD500 460-1022525/10	500.0	78.534206	50.0	580300.0	0.157068	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

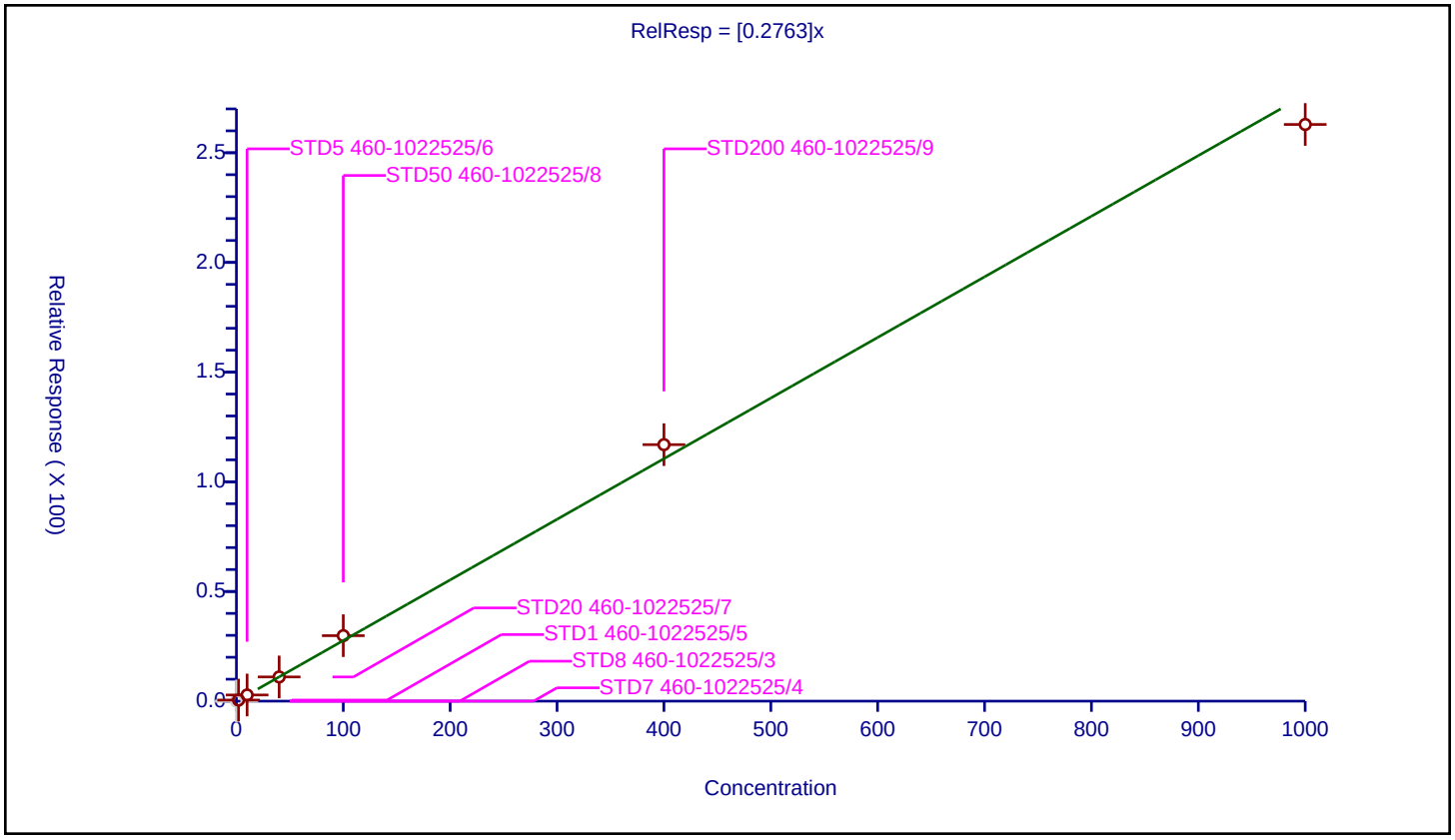
Curve Coefficients

Intercept:	0
Slope:	0.2763

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	250.0	153739.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	250.0	180129.0	0.0	N
3	STD1 460-1022525/5	2.0	0.49454	250.0	199175.0	0.24727	Y
4	STD5 460-1022525/6	10.0	2.812137	250.0	190069.0	0.281214	Y
5	STD20 460-1022525/7	40.0	11.032822	250.0	211324.0	0.275821	Y
6	STD50 460-1022525/8	100.0	29.846699	250.0	214806.0	0.298467	Y
7	STD200 460-1022525/9	400.0	116.938436	250.0	214459.0	0.292346	Y
8	STD500 460-1022525/10	1000.0	262.890903	250.0	253260.0	0.262891	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

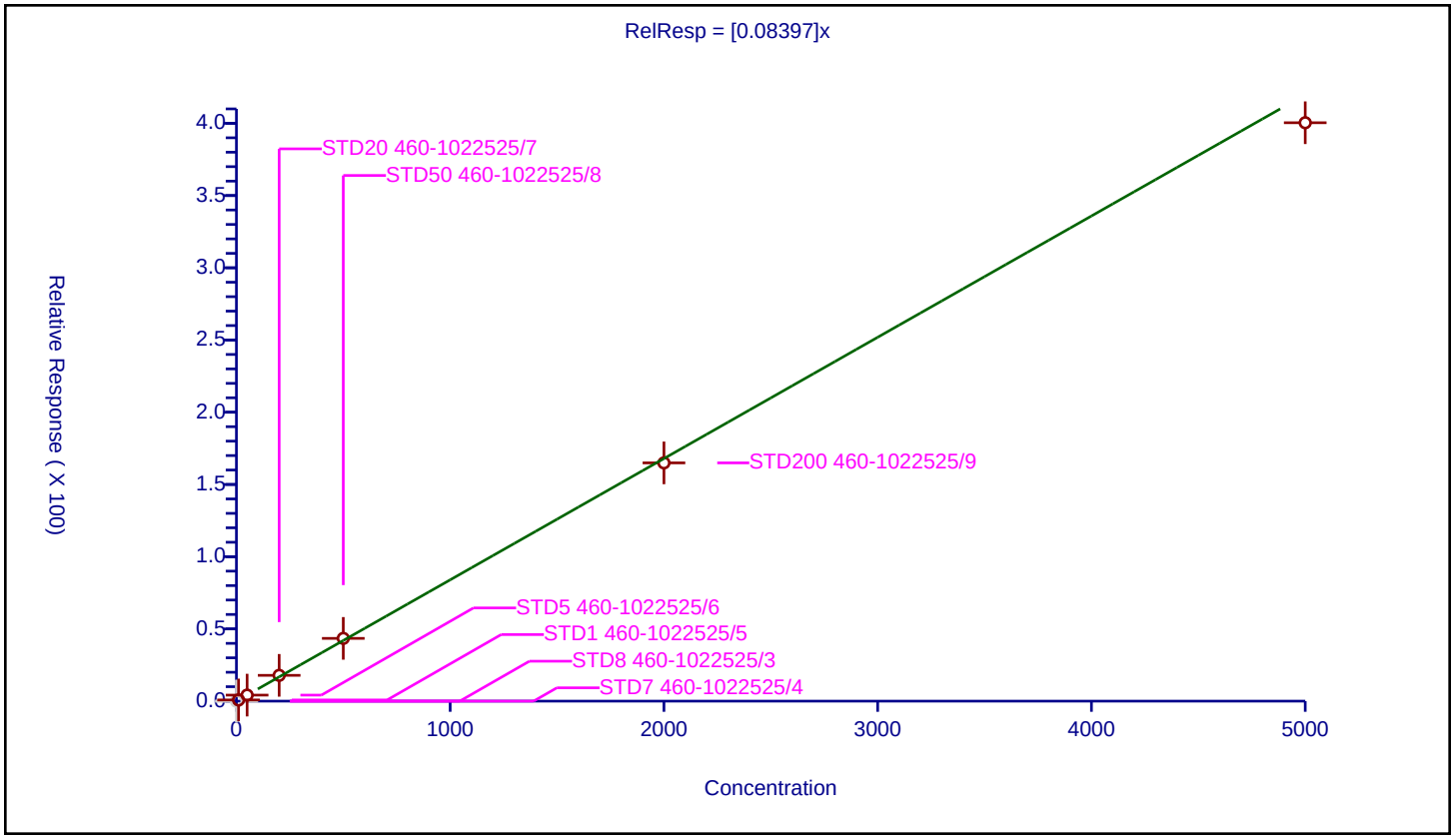
Curve Coefficients

Intercept:	0
Slope:	0.08397

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	2.0	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	10.0	0.816937	50.0	468641.0	0.081694	Y
4	STD5 460-1022525/6	50.0	4.168156	50.0	478389.0	0.083363	Y
5	STD20 460-1022525/7	200.0	17.854639	50.0	485014.0	0.089273	Y
6	STD50 460-1022525/8	500.0	43.45726	50.0	503711.0	0.086915	Y
7	STD200 460-1022525/9	2000.0	164.931955	50.0	517377.0	0.082466	Y
8	STD500 460-1022525/10	5000.0	400.416595	50.0	580300.0	0.080083	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

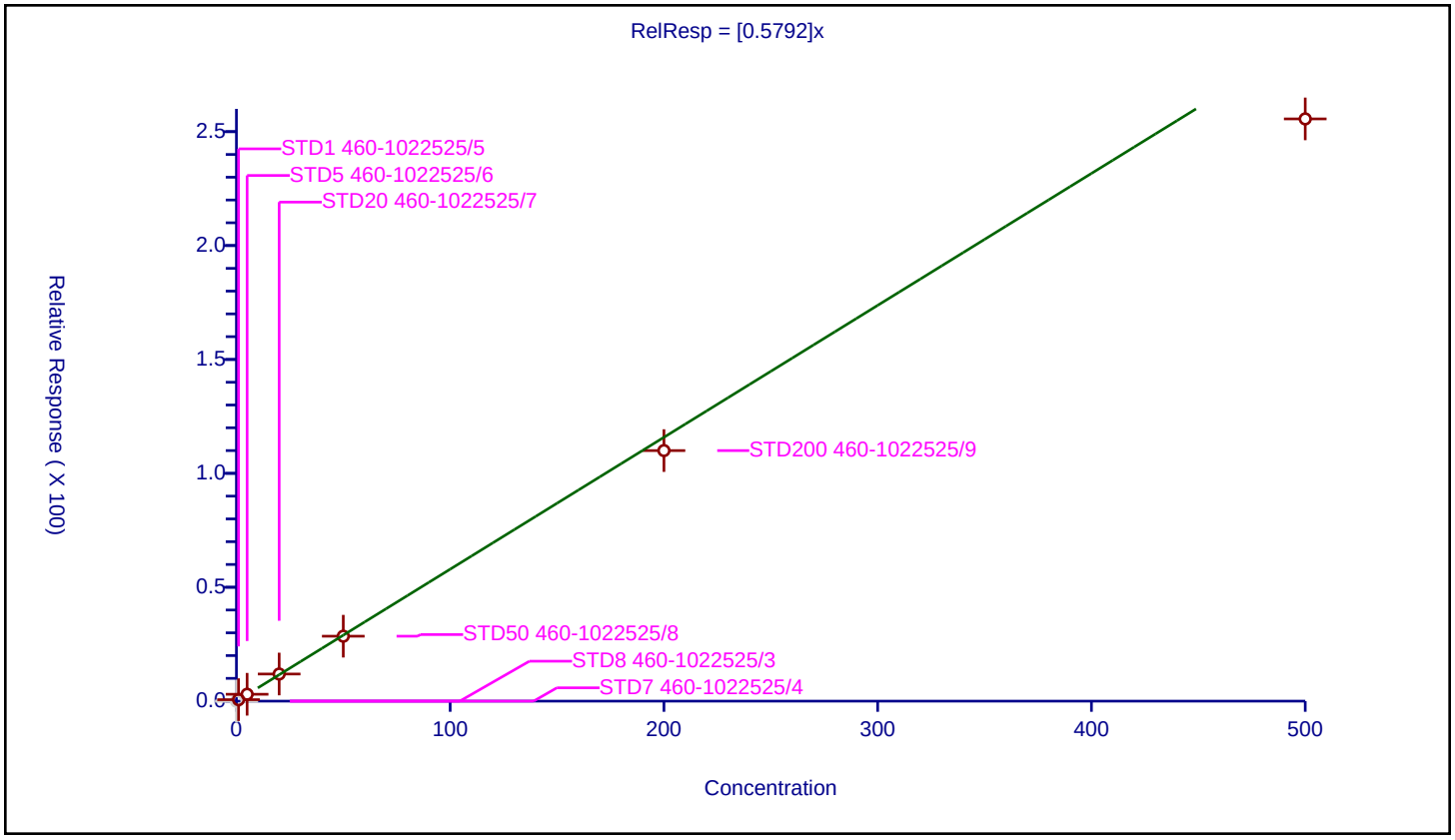
Curve Coefficients

Intercept:	0
Slope:	0.5792

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.643776	50.0	468641.0	0.643776	Y
4	STD5 460-1022525/6	5.0	3.021391	50.0	478389.0	0.604278	Y
5	STD20 460-1022525/7	20.0	11.913574	50.0	485014.0	0.595679	Y
6	STD50 460-1022525/8	50.0	28.507021	50.0	503711.0	0.57014	Y
7	STD200 460-1022525/9	200.0	109.992713	50.0	517377.0	0.549964	Y
8	STD500 460-1022525/10	500.0	255.59969	50.0	580300.0	0.511199	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

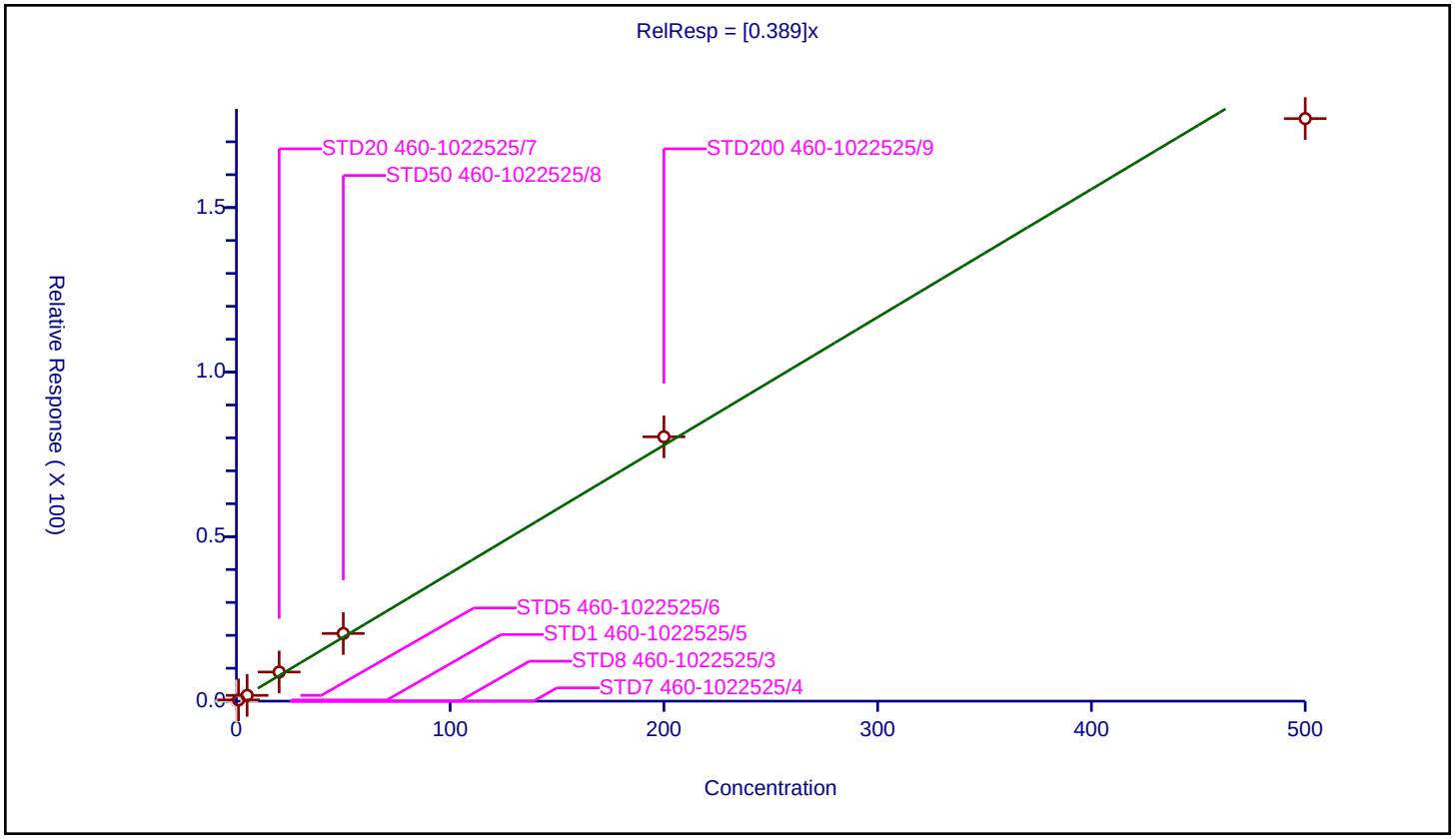
Curve Coefficients

Intercept:	0
Slope:	0.389

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.3731	50.0	468641.0	0.3731	Y
4	STD5 460-1022525/6	5.0	1.755893	50.0	478389.0	0.351179	Y
5	STD20 460-1022525/7	20.0	8.849126	50.0	485014.0	0.442456	Y
6	STD50 460-1022525/8	50.0	20.56864	50.0	503711.0	0.411373	Y
7	STD200 460-1022525/9	200.0	80.347696	50.0	517377.0	0.401738	Y
8	STD500 460-1022525/10	500.0	177.044374	50.0	580300.0	0.354089	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

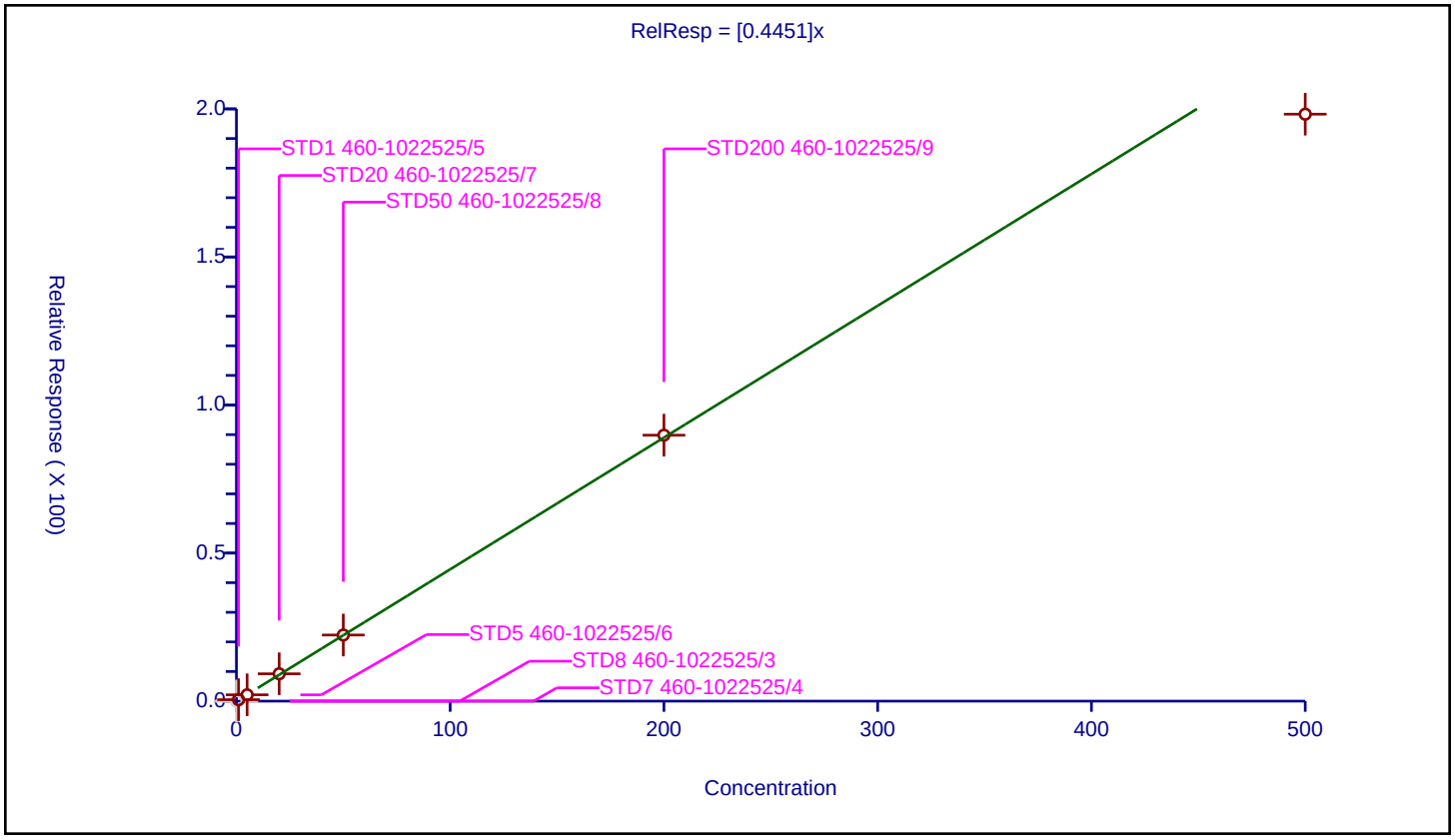
Curve Coefficients

Intercept:	0
Slope:	0.4451

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.489607	50.0	468641.0	0.489607	Y
4	STD5 460-1022525/6	5.0	2.135292	50.0	478389.0	0.427058	Y
5	STD20 460-1022525/7	20.0	9.232929	50.0	485014.0	0.461646	Y
6	STD50 460-1022525/8	50.0	22.326394	50.0	503711.0	0.446528	Y
7	STD200 460-1022525/9	200.0	89.807722	50.0	517377.0	0.449039	Y
8	STD500 460-1022525/10	500.0	198.220317	50.0	580300.0	0.396441	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

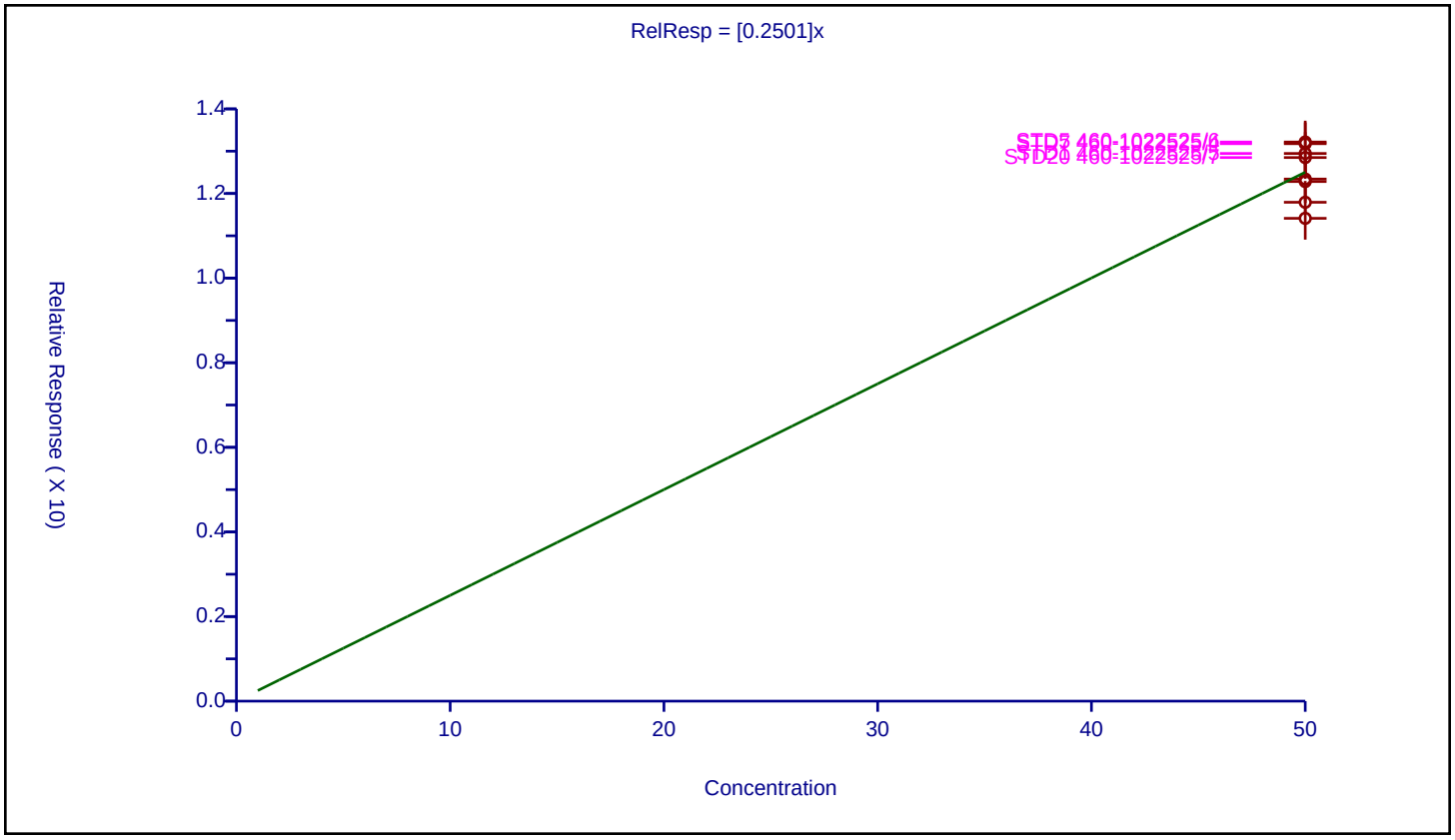
Curve Coefficients

Intercept:	0
Slope:	0.2501

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	50.0	12.341934	50.0	468395.0	0.246839	Y
2	STD7 460-1022525/4	50.0	13.176821	50.0	382505.0	0.263536	Y
3	STD1 460-1022525/5	50.0	12.946264	50.0	468641.0	0.258925	Y
4	STD5 460-1022525/6	50.0	13.217068	50.0	478389.0	0.264341	Y
5	STD20 460-1022525/7	50.0	12.849629	50.0	485014.0	0.256993	Y
6	STD50 460-1022525/8	50.0	11.413291	50.0	503711.0	0.228266	Y
7	STD200 460-1022525/9	50.0	11.792755	50.0	517377.0	0.235855	Y
8	STD500 460-1022525/10	50.0	12.282699	50.0	580300.0	0.245654	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

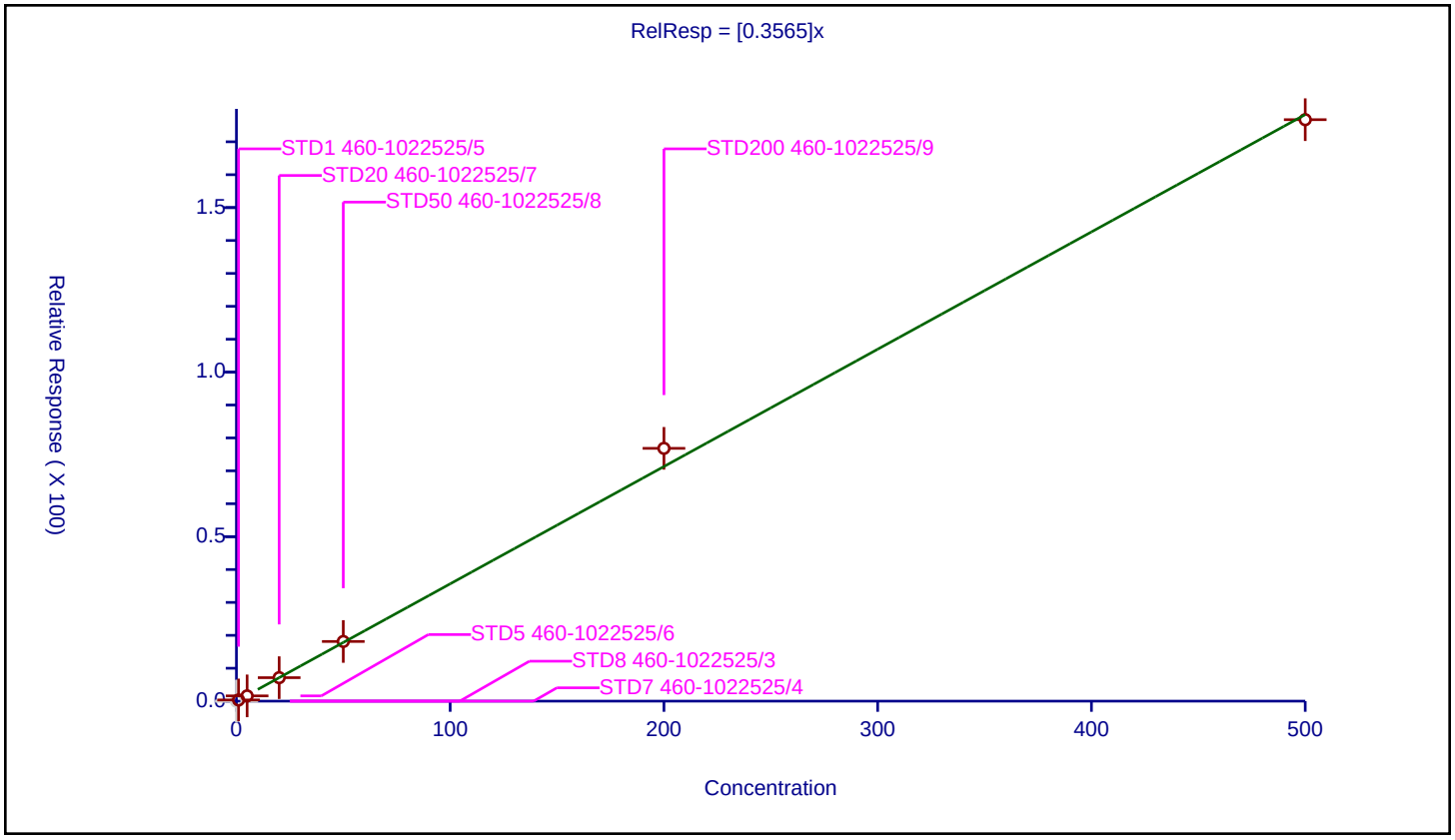
Curve Coefficients

Intercept:	0
Slope:	0.3565

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.362324	50.0	468641.0	0.362324	Y
4	STD5 460-1022525/6	5.0	1.598176	50.0	478389.0	0.319635	Y
5	STD20 460-1022525/7	20.0	7.138248	50.0	485014.0	0.356912	Y
6	STD50 460-1022525/8	50.0	18.135598	50.0	503711.0	0.362712	Y
7	STD200 460-1022525/9	200.0	76.829469	50.0	517377.0	0.384147	Y
8	STD500 460-1022525/10	500.0	176.720576	50.0	580300.0	0.353441	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

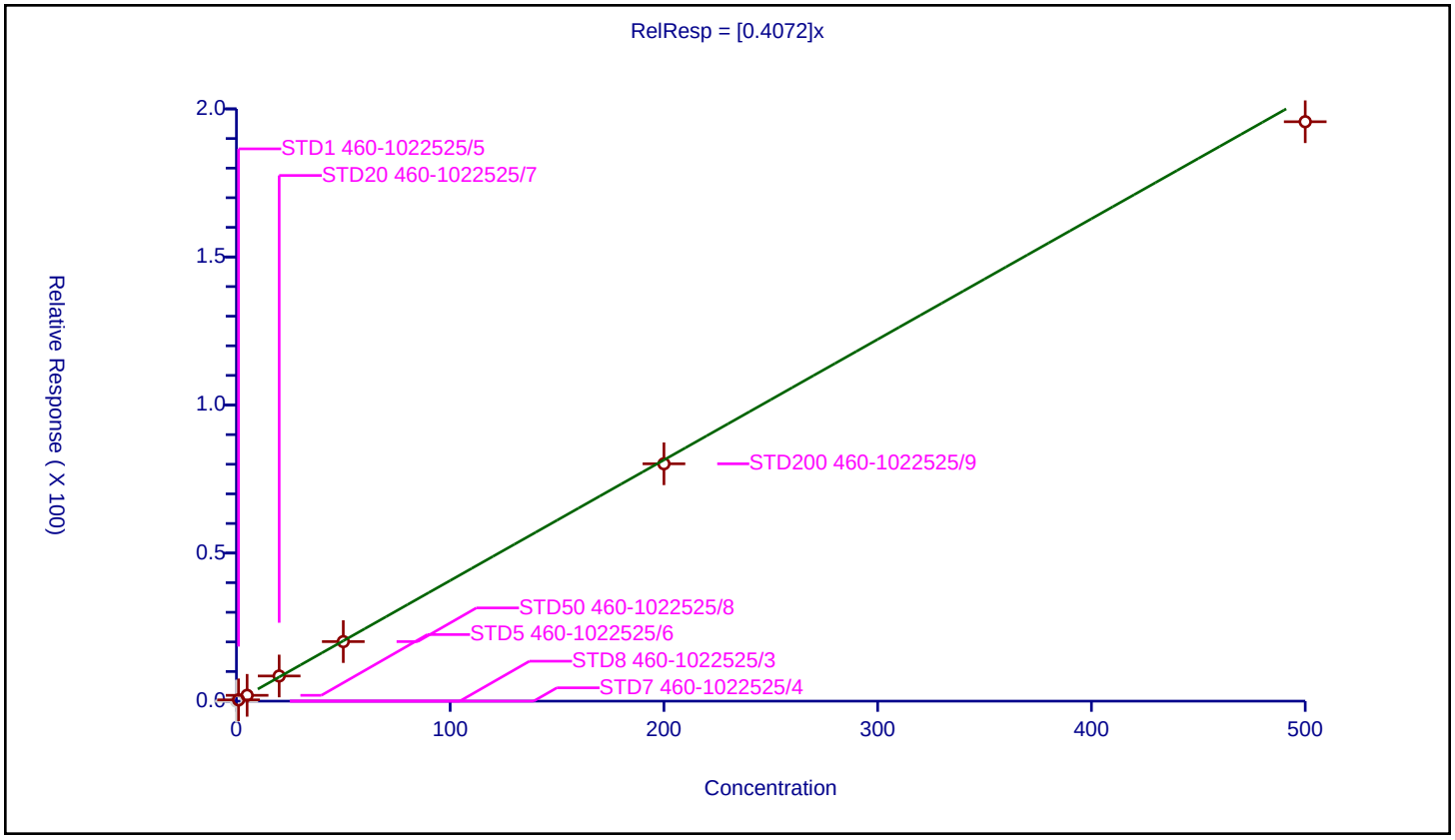
Curve Coefficients

Intercept:	0
Slope:	0.4072

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.432207	50.0	468641.0	0.432207	Y
4	STD5 460-1022525/6	5.0	1.961688	50.0	478389.0	0.392338	Y
5	STD20 460-1022525/7	20.0	8.495013	50.0	485014.0	0.424751	Y
6	STD50 460-1022525/8	50.0	20.103492	50.0	503711.0	0.40207	Y
7	STD200 460-1022525/9	200.0	80.151031	50.0	517377.0	0.400755	Y
8	STD500 460-1022525/10	500.0	195.665346	50.0	580300.0	0.391331	Y



Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

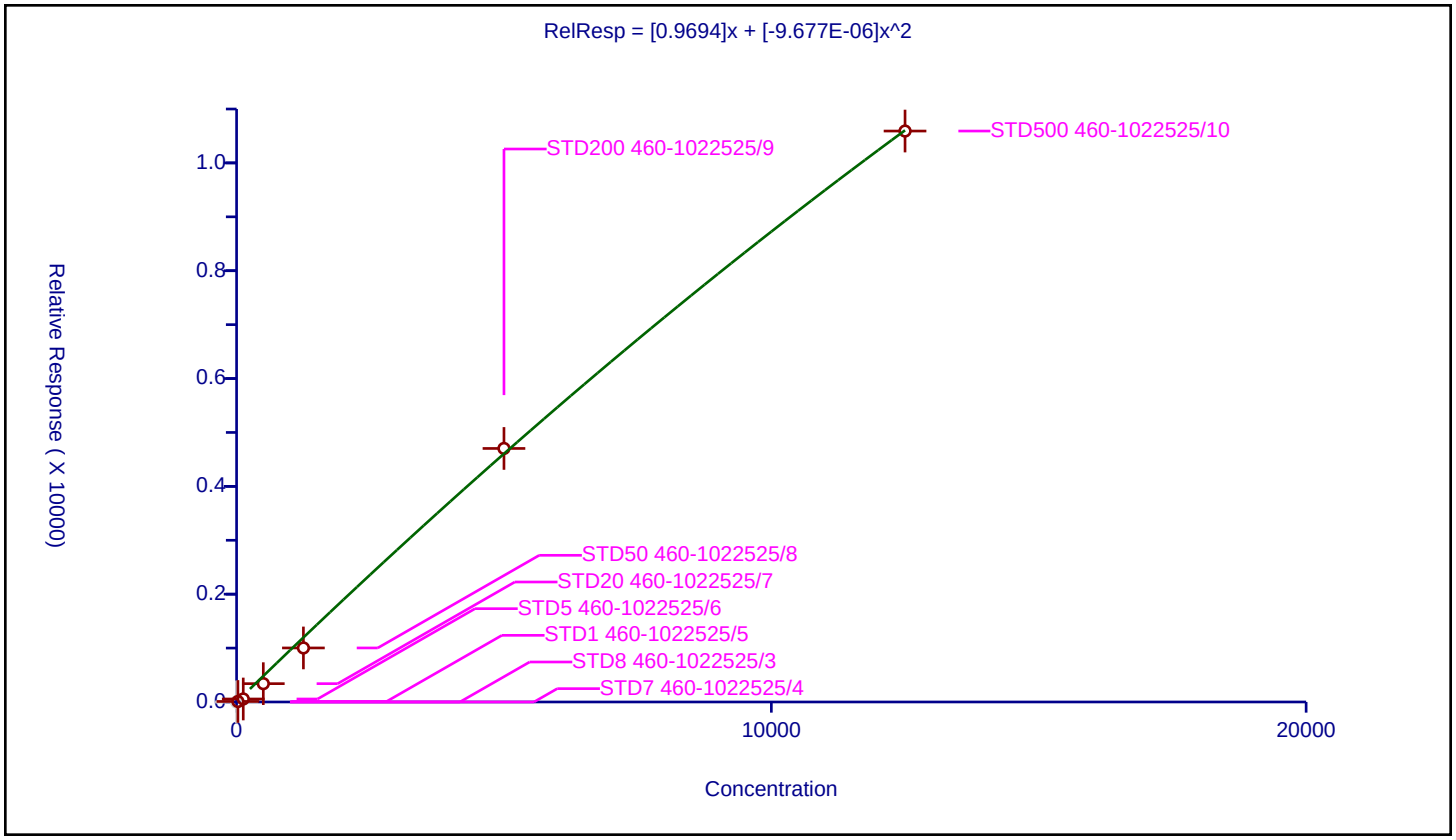
Curve Coefficients

Intercept:	0
Slope:	0.9694
Second Order:	-9.677E-06

Error Coefficients

Relative Standard Deviation:	43.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	5.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	25.0	9.804907	1000.0	149211.0	0.392196	Y
4	STD5 460-1022525/6	125.0	55.777944	1000.0	140145.0	0.446224	Y
5	STD20 460-1022525/7	500.0	340.290364	1000.0	157251.0	0.680581	Y
6	STD50 460-1022525/8	1250.0	1002.616331	1000.0	162059.0	0.802093	Y
7	STD200 460-1022525/9	5000.0	4703.12428	1000.0	152003.0	0.940625	Y
8	STD500 460-1022525/10	12500.0	10591.369375	1000.0	188816.0	0.84731	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

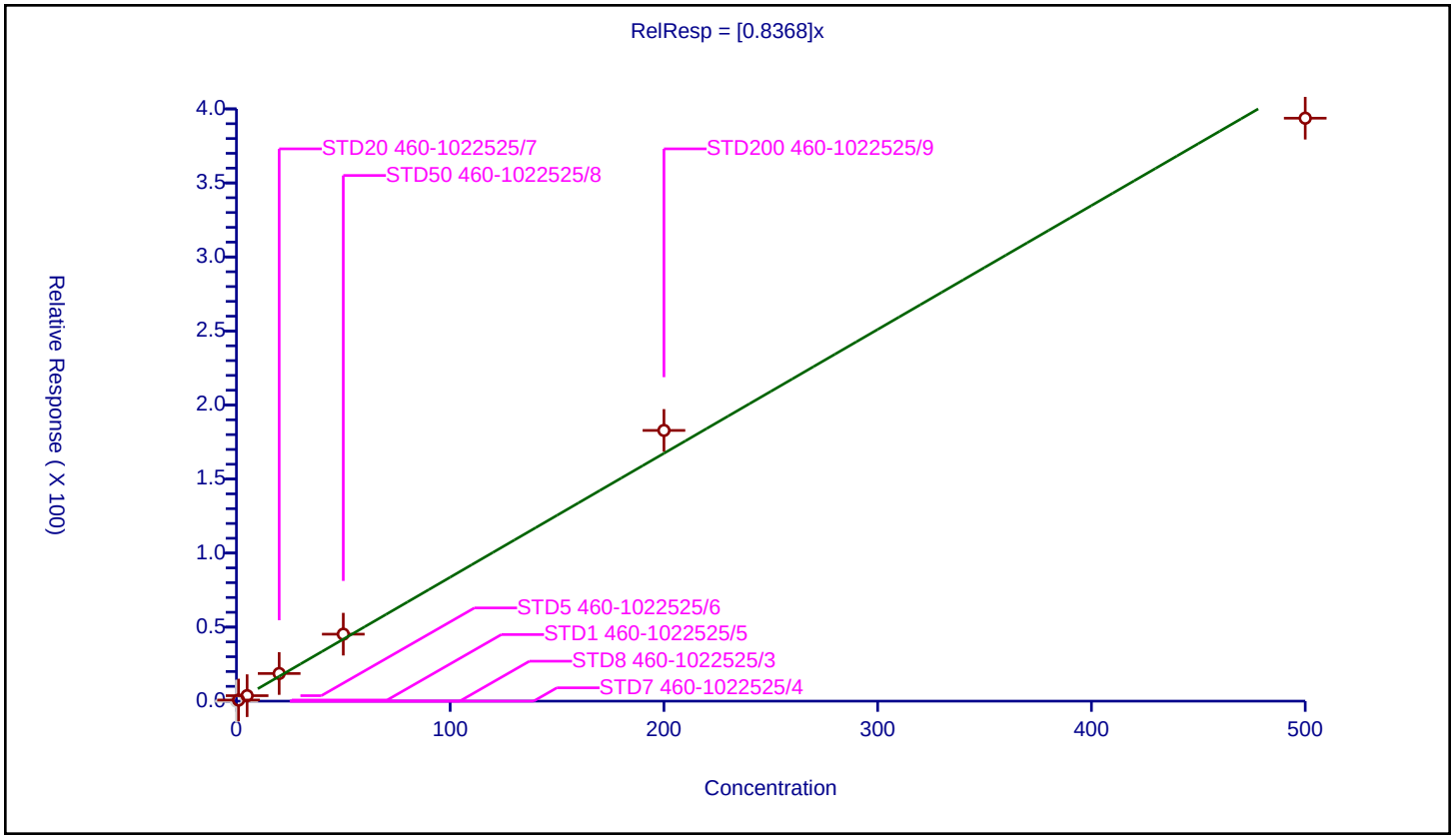
Curve Coefficients

Intercept:	0
Slope:	0.8368

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.742253	50.0	468641.0	0.742253	Y
4	STD5 460-1022525/6	5.0	3.695424	50.0	478389.0	0.739085	Y
5	STD20 460-1022525/7	20.0	18.663482	50.0	485014.0	0.933174	Y
6	STD50 460-1022525/8	50.0	45.231293	50.0	503711.0	0.904626	Y
7	STD200 460-1022525/9	200.0	182.840849	50.0	517377.0	0.914204	Y
8	STD500 460-1022525/10	500.0	393.716181	50.0	580300.0	0.787432	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

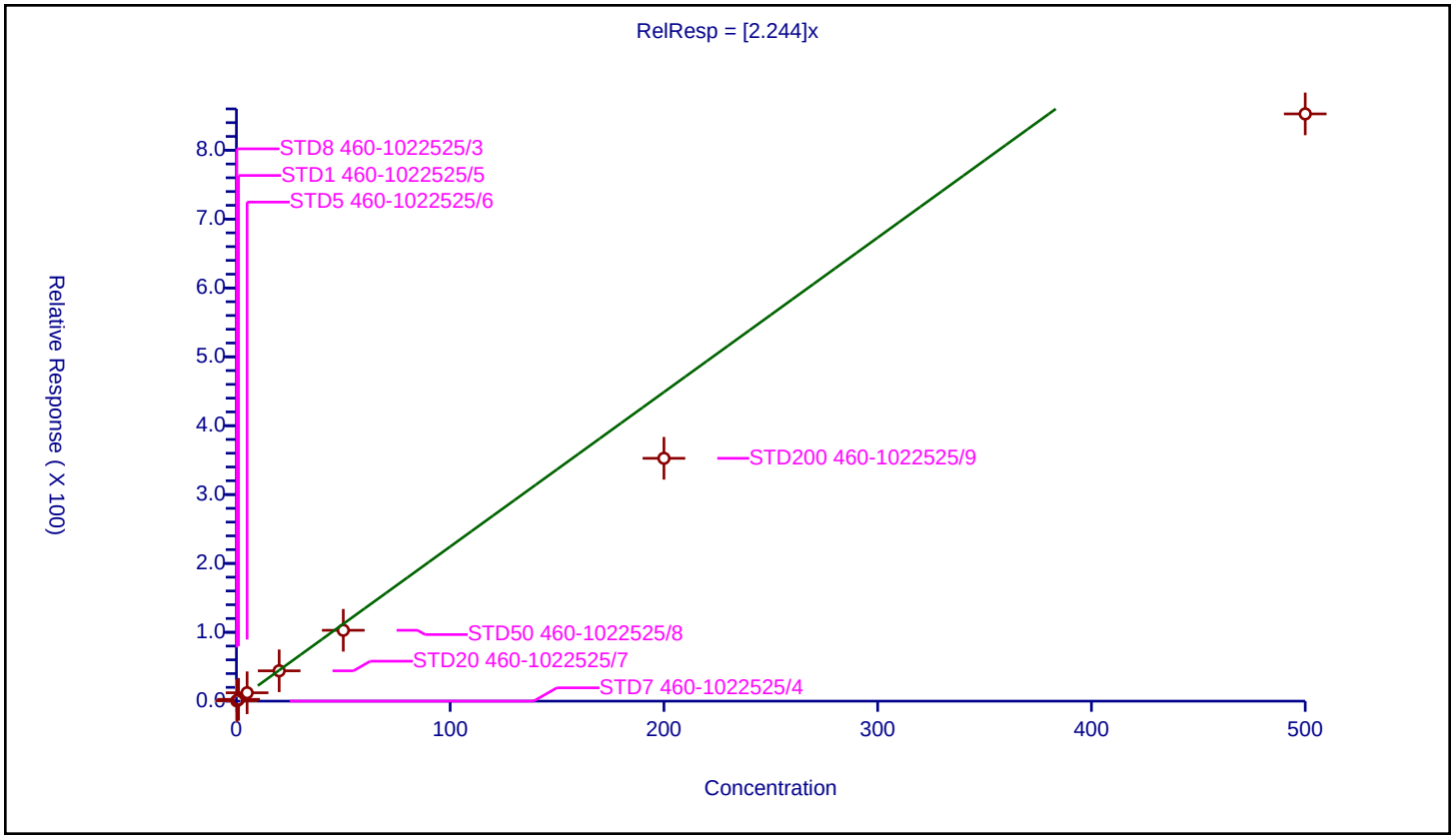
Curve Coefficients

Intercept:	0
Slope:	2.244

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.589788	50.0	225759.0	2.948941	Y
3	STD1 460-1022525/5	1.0	2.592773	50.0	228462.0	2.592773	Y
4	STD5 460-1022525/6	5.0	12.174348	50.0	227006.0	2.43487	Y
5	STD20 460-1022525/7	20.0	44.037287	50.0	258213.0	2.201864	Y
6	STD50 460-1022525/8	50.0	102.906786	50.0	277609.0	2.058136	Y
7	STD200 460-1022525/9	200.0	352.632945	50.0	323687.0	1.763165	Y
8	STD500 460-1022525/10	500.0	852.741158	50.0	356291.0	1.705482	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

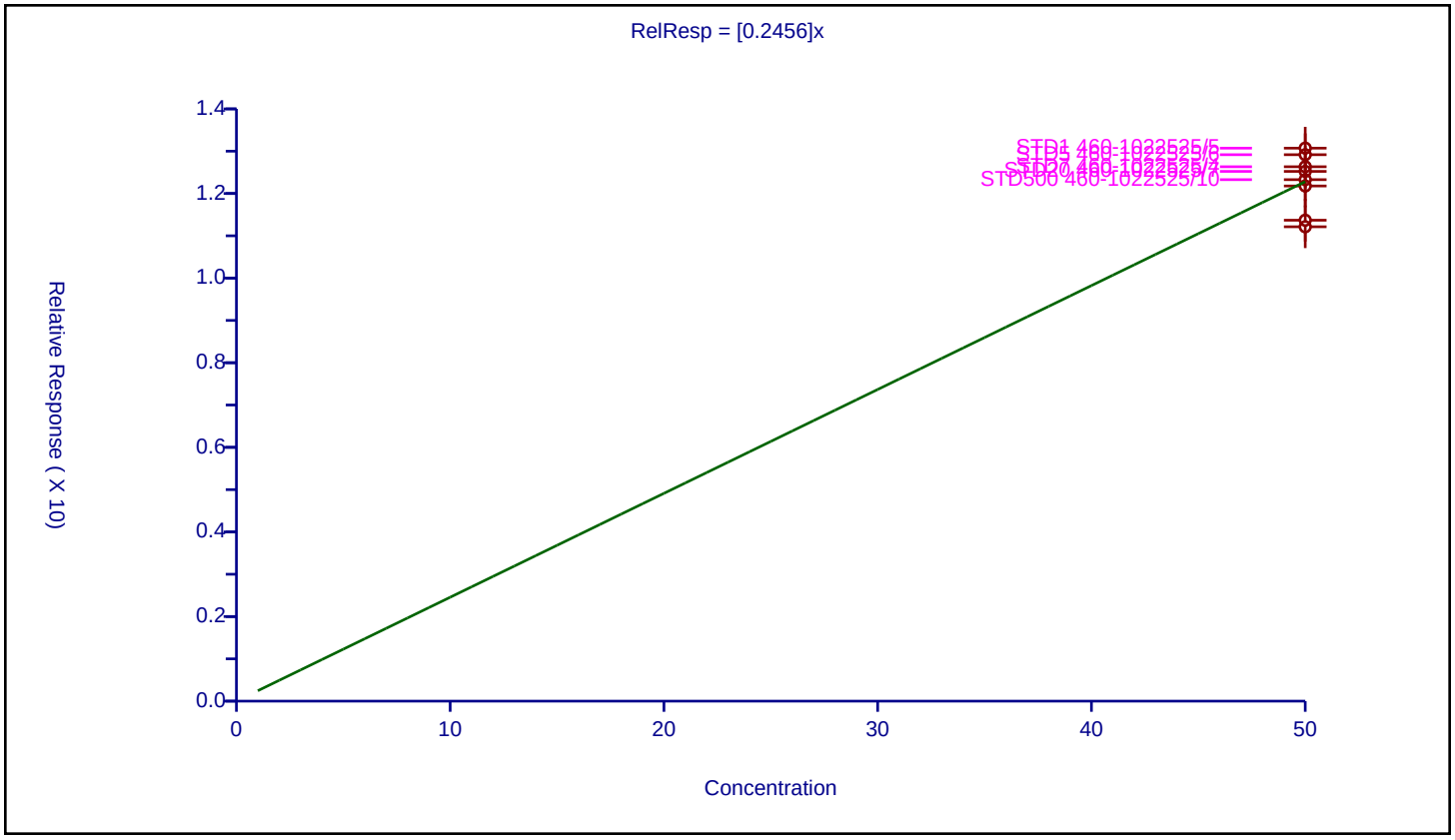
Curve Coefficients

Intercept:	0
Slope:	0.2456

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	50.0	12.178183	50.0	468395.0	0.243564	Y
2	STD7 460-1022525/4	50.0	12.632776	50.0	382505.0	0.252656	Y
3	STD1 460-1022525/5	50.0	13.072266	50.0	468641.0	0.261445	Y
4	STD5 460-1022525/6	50.0	12.917312	50.0	478389.0	0.258346	Y
5	STD20 460-1022525/7	50.0	12.522113	50.0	485014.0	0.250442	Y
6	STD50 460-1022525/8	50.0	11.213275	50.0	503711.0	0.224266	Y
7	STD200 460-1022525/9	50.0	11.368016	50.0	517377.0	0.22736	Y
8	STD500 460-1022525/10	50.0	12.327245	50.0	580300.0	0.246545	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

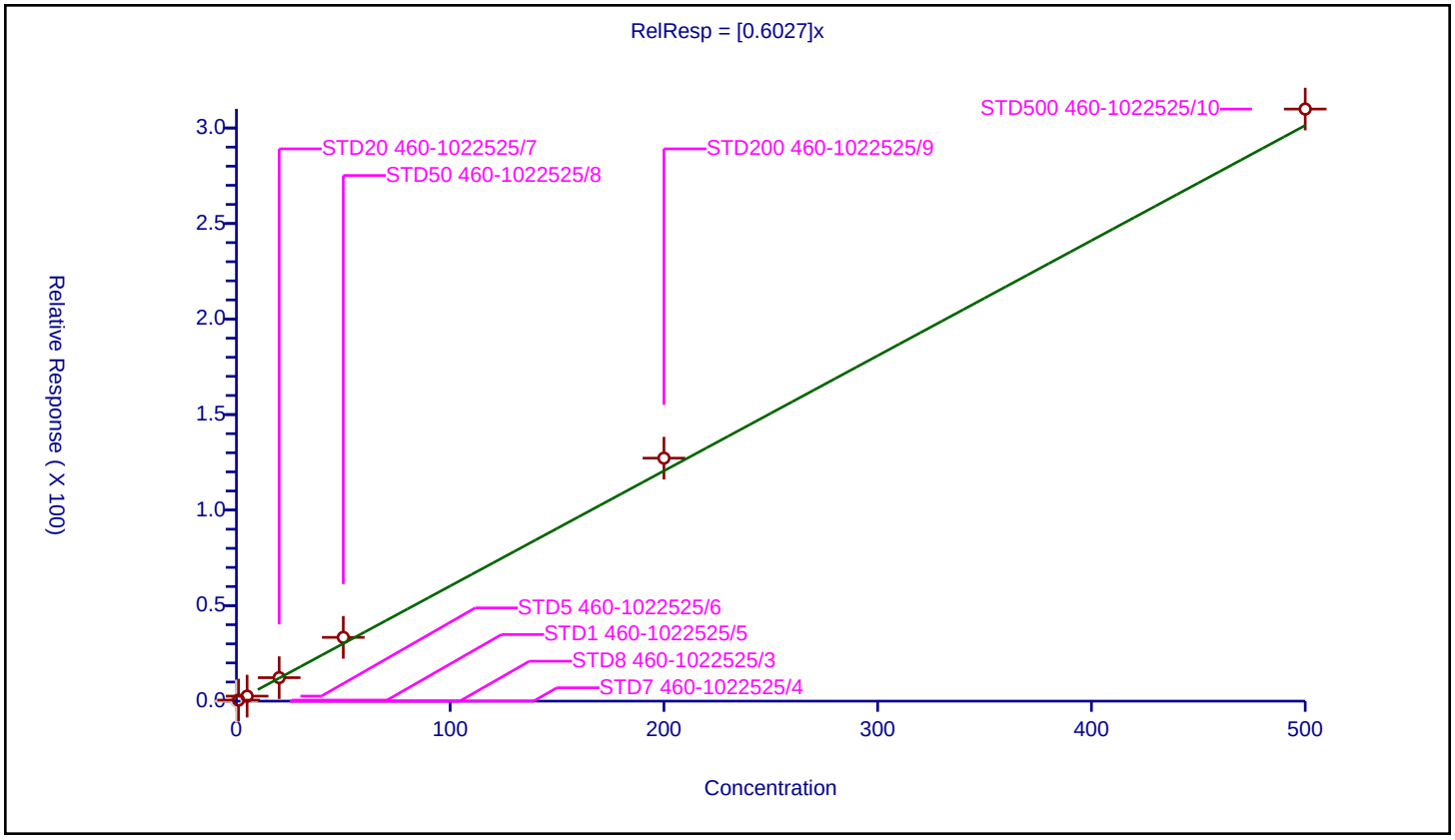
Curve Coefficients

Intercept:	0
Slope:	0.6027

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.552982	50.0	468641.0	0.552982	Y
4	STD5 460-1022525/6	5.0	2.626524	50.0	478389.0	0.525305	Y
5	STD20 460-1022525/7	20.0	12.290161	50.0	485014.0	0.614508	Y
6	STD50 460-1022525/8	50.0	33.381145	50.0	503711.0	0.667623	Y
7	STD200 460-1022525/9	200.0	127.191874	50.0	517377.0	0.635959	Y
8	STD500 460-1022525/10	500.0	309.919524	50.0	580300.0	0.619839	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

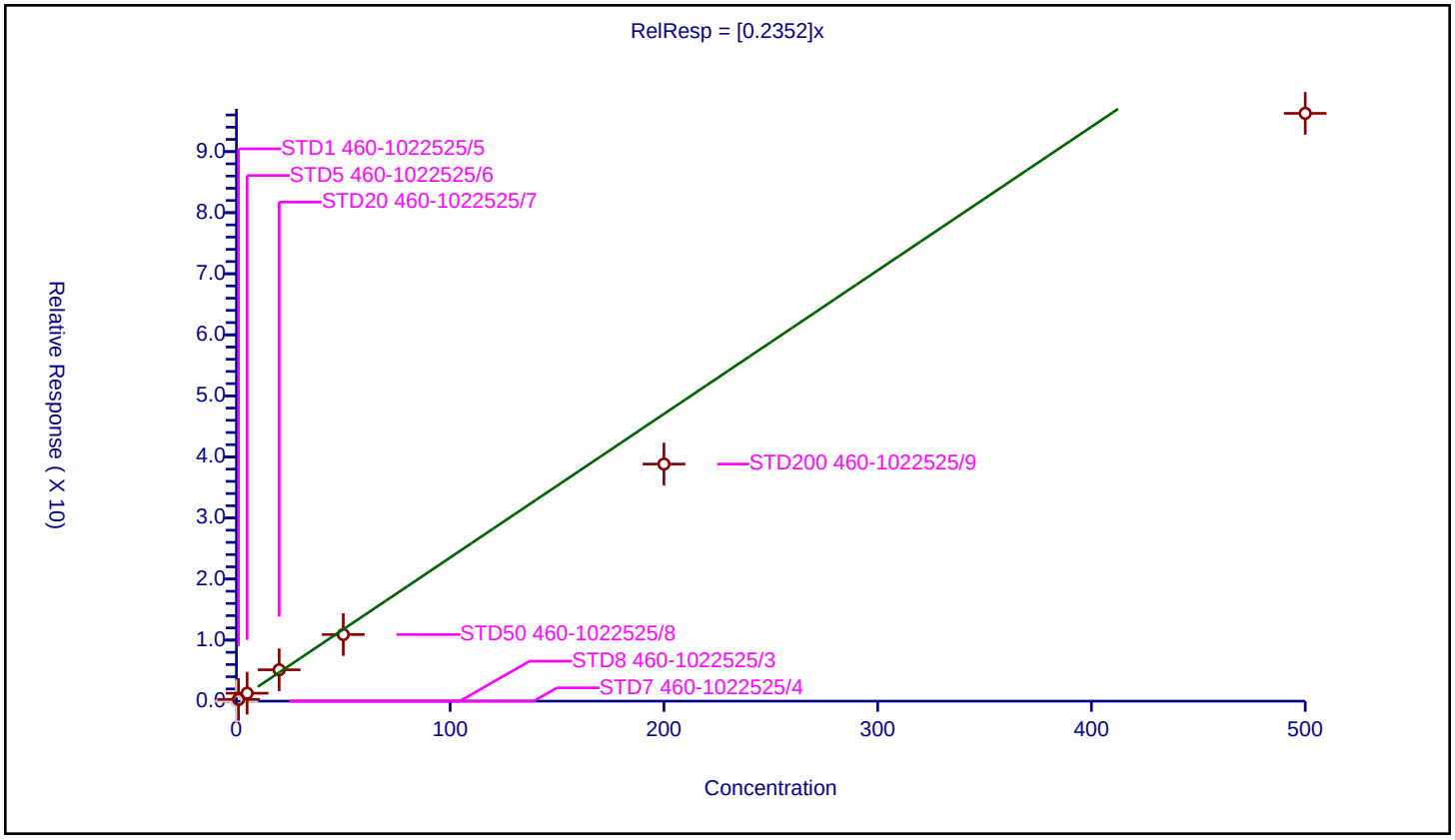
Curve Coefficients

Intercept:	0
Slope:	0.2352

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.289881	50.0	468641.0	0.289881	Y
4	STD5 460-1022525/6	5.0	1.297166	50.0	478389.0	0.259433	Y
5	STD20 460-1022525/7	20.0	5.136037	50.0	485014.0	0.256802	Y
6	STD50 460-1022525/8	50.0	10.911515	50.0	503711.0	0.21823	Y
7	STD200 460-1022525/9	200.0	38.827876	50.0	517377.0	0.194139	Y
8	STD500 460-1022525/10	500.0	96.268309	50.0	580300.0	0.192537	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

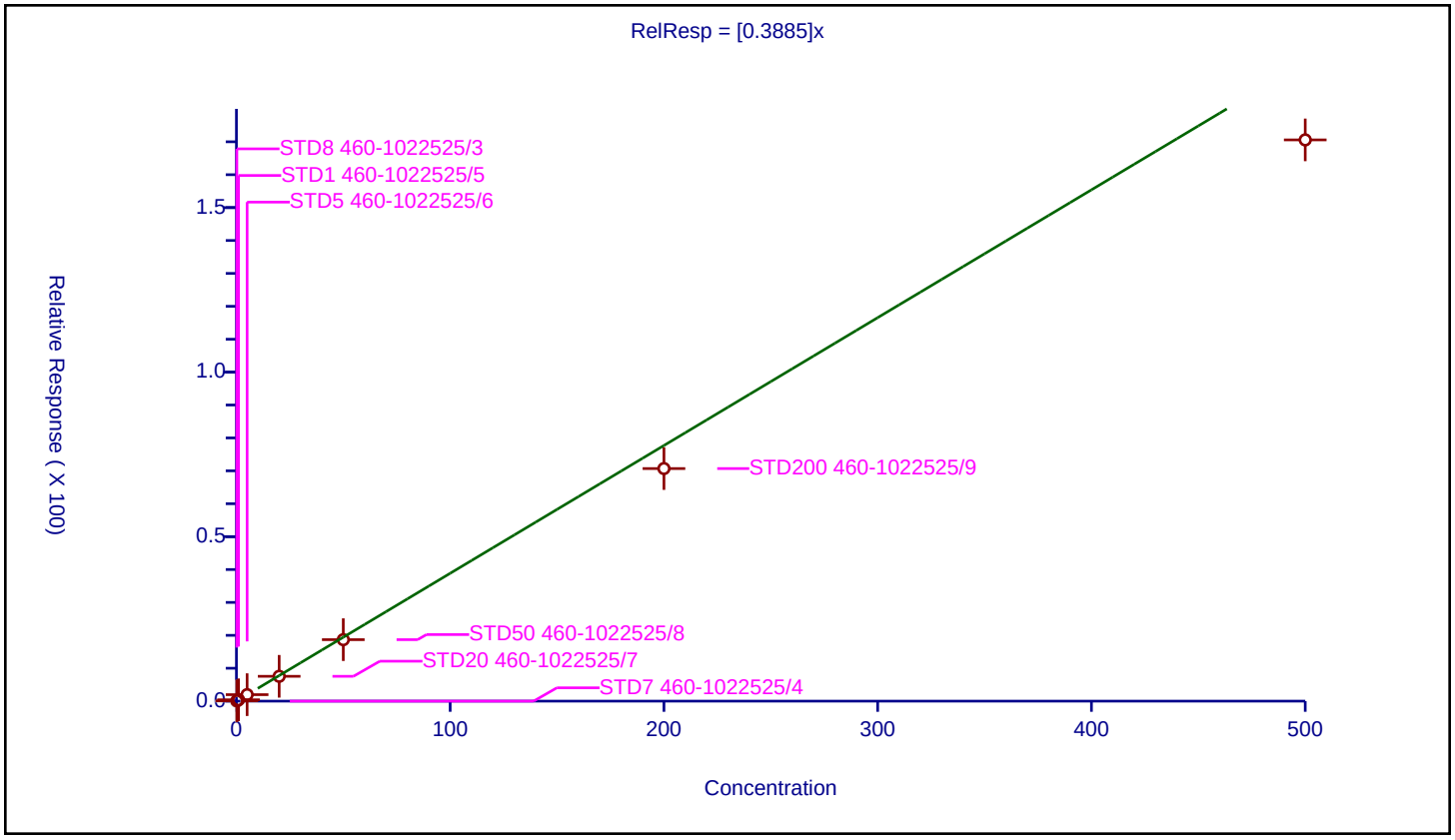
Curve Coefficients

Intercept:	0
Slope:	0.3885

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.094045	50.0	468395.0	0.470223	Y
3	STD1 460-1022525/5	1.0	0.409162	50.0	468641.0	0.409162	Y
4	STD5 460-1022525/6	5.0	1.97214	50.0	478389.0	0.394428	Y
5	STD20 460-1022525/7	20.0	7.548545	50.0	485014.0	0.377427	Y
6	STD50 460-1022525/8	50.0	18.682737	50.0	503711.0	0.373655	Y
7	STD200 460-1022525/9	200.0	70.688009	50.0	517377.0	0.35344	Y
8	STD500 460-1022525/10	500.0	170.577115	50.0	580300.0	0.341154	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

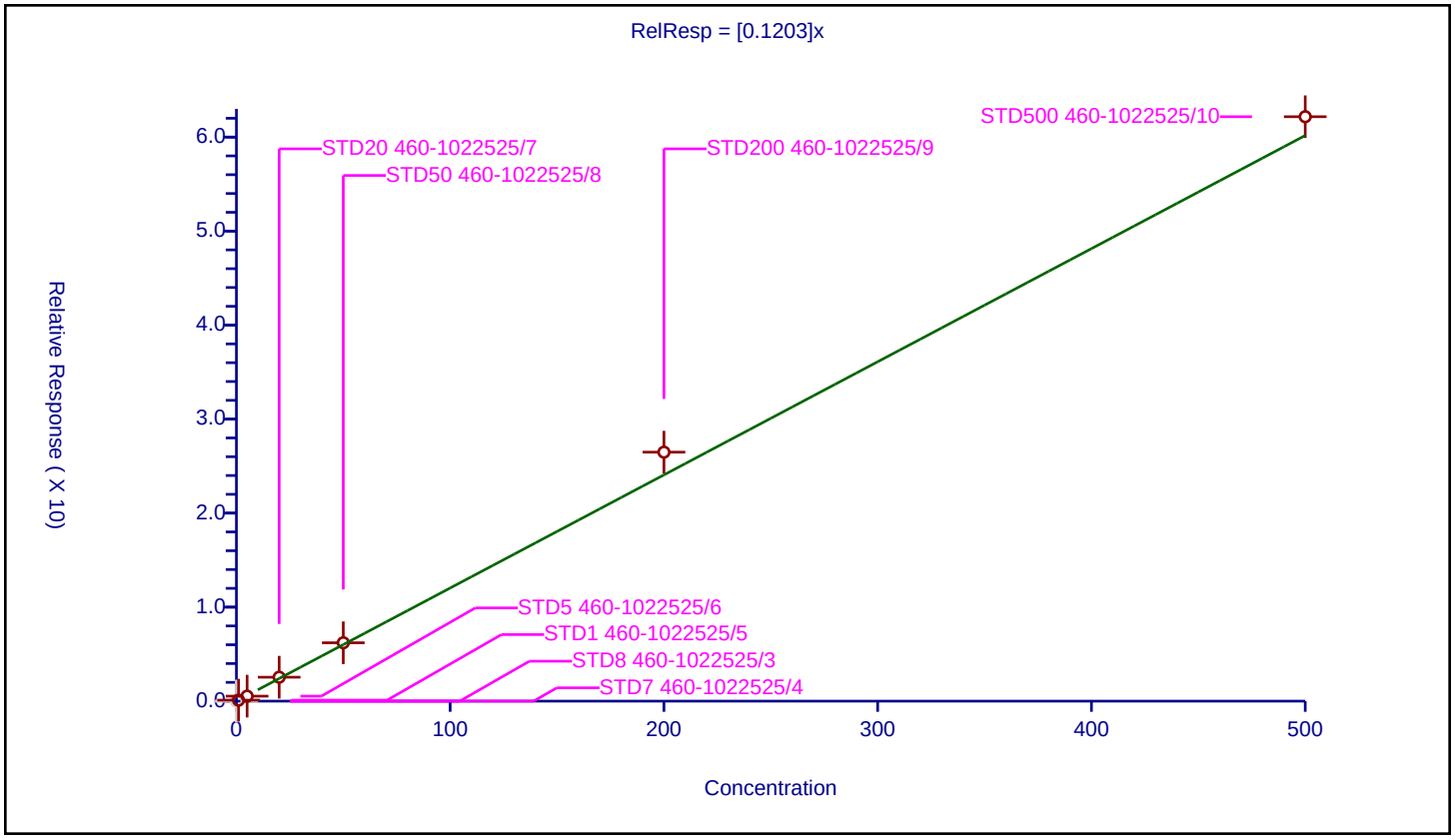
Curve Coefficients

Intercept:	0
Slope:	0.1203

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.107545	50.0	468641.0	0.107545	Y
4	STD5 460-1022525/6	5.0	0.530949	50.0	478389.0	0.10619	Y
5	STD20 460-1022525/7	20.0	2.546834	50.0	485014.0	0.127342	Y
6	STD50 460-1022525/8	50.0	6.209513	50.0	503711.0	0.12419	Y
7	STD200 460-1022525/9	200.0	26.485039	50.0	517377.0	0.132425	Y
8	STD500 460-1022525/10	500.0	62.166466	50.0	580300.0	0.124333	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

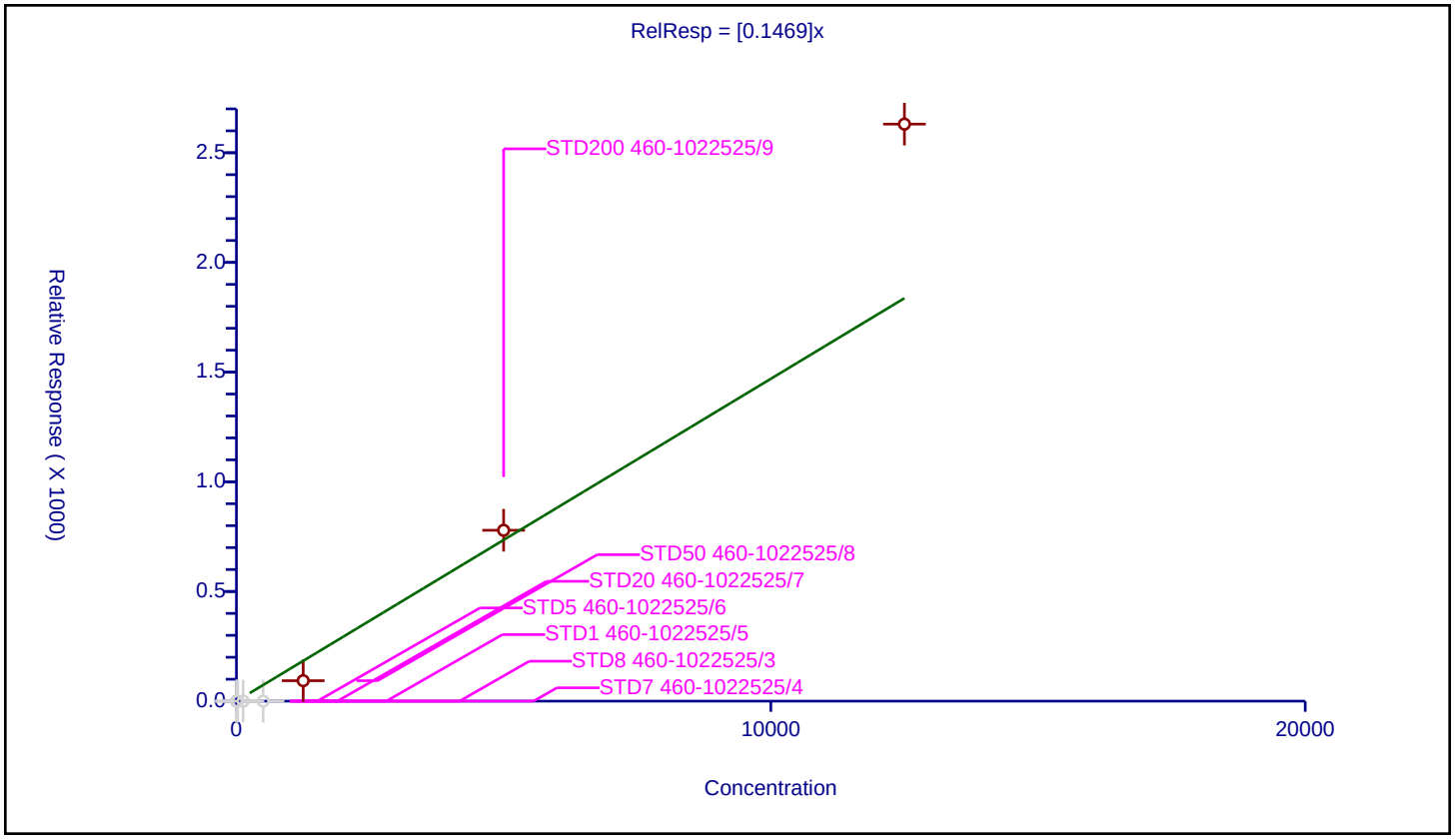
Curve Coefficients

Intercept:	0
Slope:	0.1469

Error Coefficients

Relative Standard Deviation:	46.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	5.0	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	25.0	0.0	1000.0	149211.0	0.0	N
4	STD5 460-1022525/6	125.0	0.0	1000.0	140145.0	0.0	N
5	STD20 460-1022525/7	500.0	0.0	1000.0	157251.0	0.0	N
6	STD50 460-1022525/8	1250.0	93.249989	1000.0	162059.0	0.0746	Y
7	STD200 460-1022525/9	5000.0	778.997783	1000.0	152003.0	0.1558	Y
8	STD500 460-1022525/10	12500.0	2630.592746	1000.0	188816.0	0.210447	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

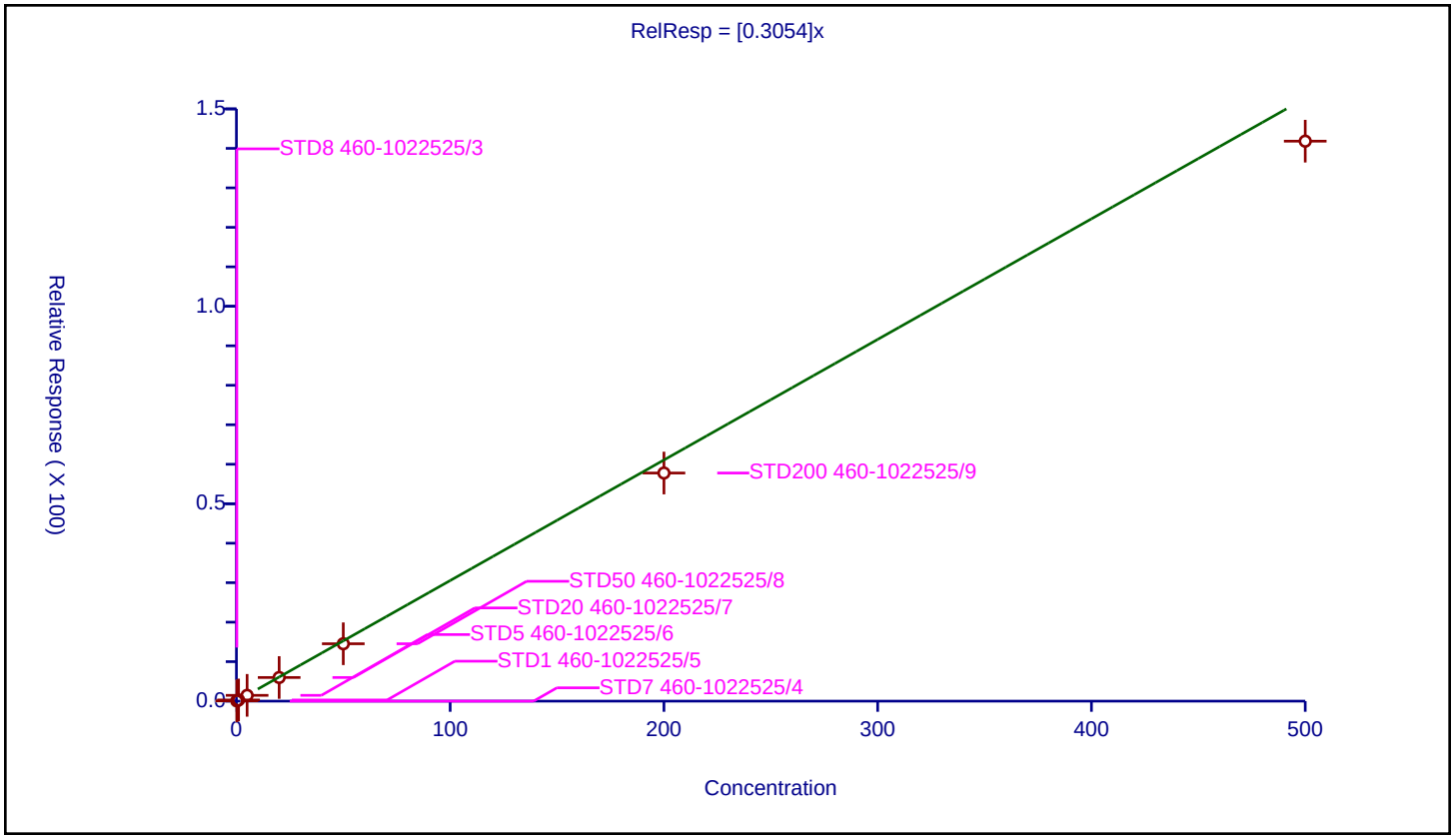
Curve Coefficients

Intercept:	0
Slope:	0.3054

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.077392	50.0	468395.0	0.38696	Y
3	STD1 460-1022525/5	1.0	0.294468	50.0	468641.0	0.294468	Y
4	STD5 460-1022525/6	5.0	1.468784	50.0	478389.0	0.293757	Y
5	STD20 460-1022525/7	20.0	5.986528	50.0	485014.0	0.299326	Y
6	STD50 460-1022525/8	50.0	14.532242	50.0	503711.0	0.290645	Y
7	STD200 460-1022525/9	200.0	57.774215	50.0	517377.0	0.288871	Y
8	STD500 460-1022525/10	500.0	141.822592	50.0	580300.0	0.283645	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

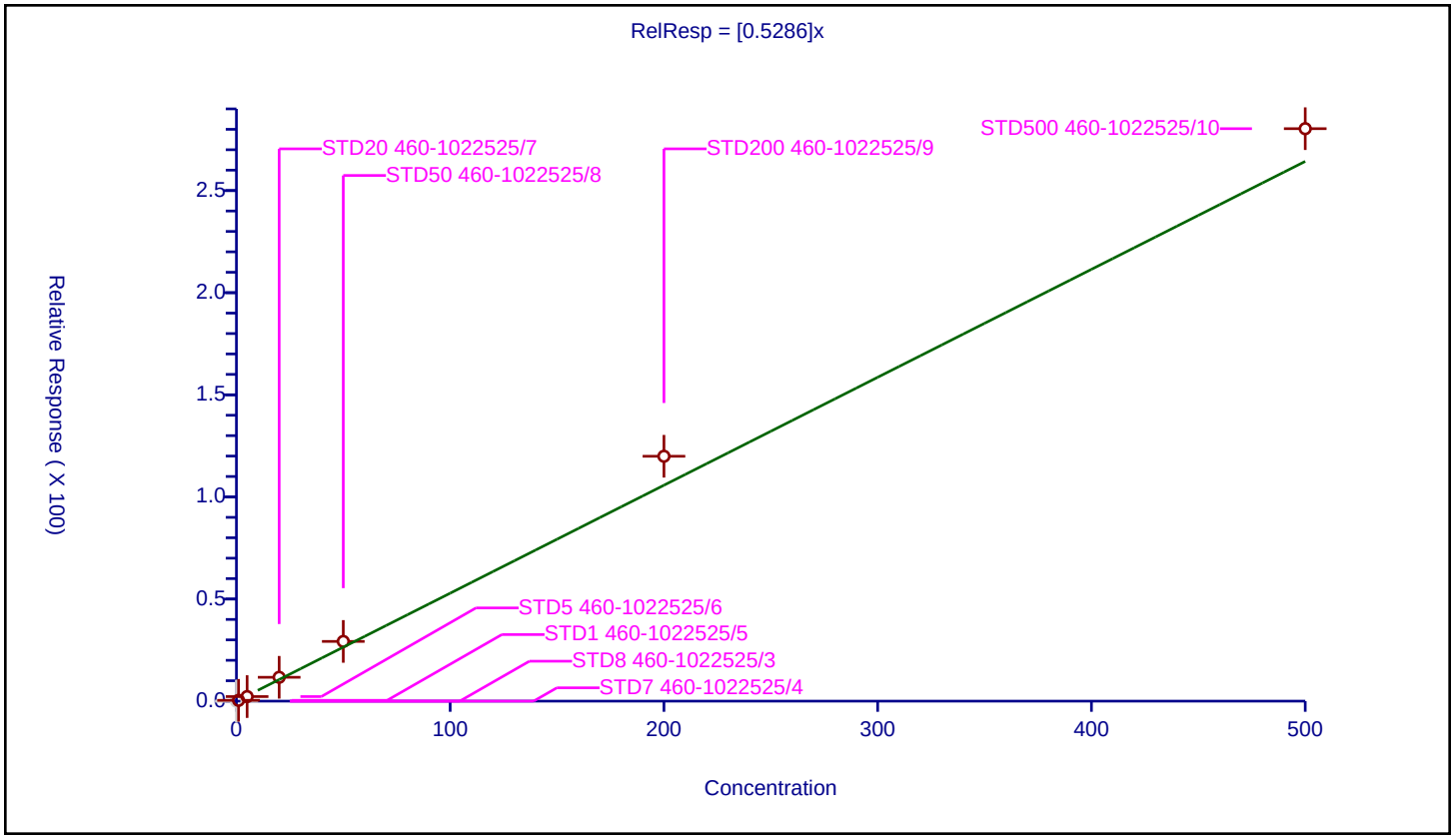
Curve Coefficients

Intercept:	0
Slope:	0.5286

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.394438	50.0	468641.0	0.394438	Y
4	STD5 460-1022525/6	5.0	2.240436	50.0	478389.0	0.448087	Y
5	STD20 460-1022525/7	20.0	11.679044	50.0	485014.0	0.583952	Y
6	STD50 460-1022525/8	50.0	29.242363	50.0	503711.0	0.584847	Y
7	STD200 460-1022525/9	200.0	119.904731	50.0	517377.0	0.599524	Y
8	STD500 460-1022525/10	500.0	280.30579	50.0	580300.0	0.560612	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

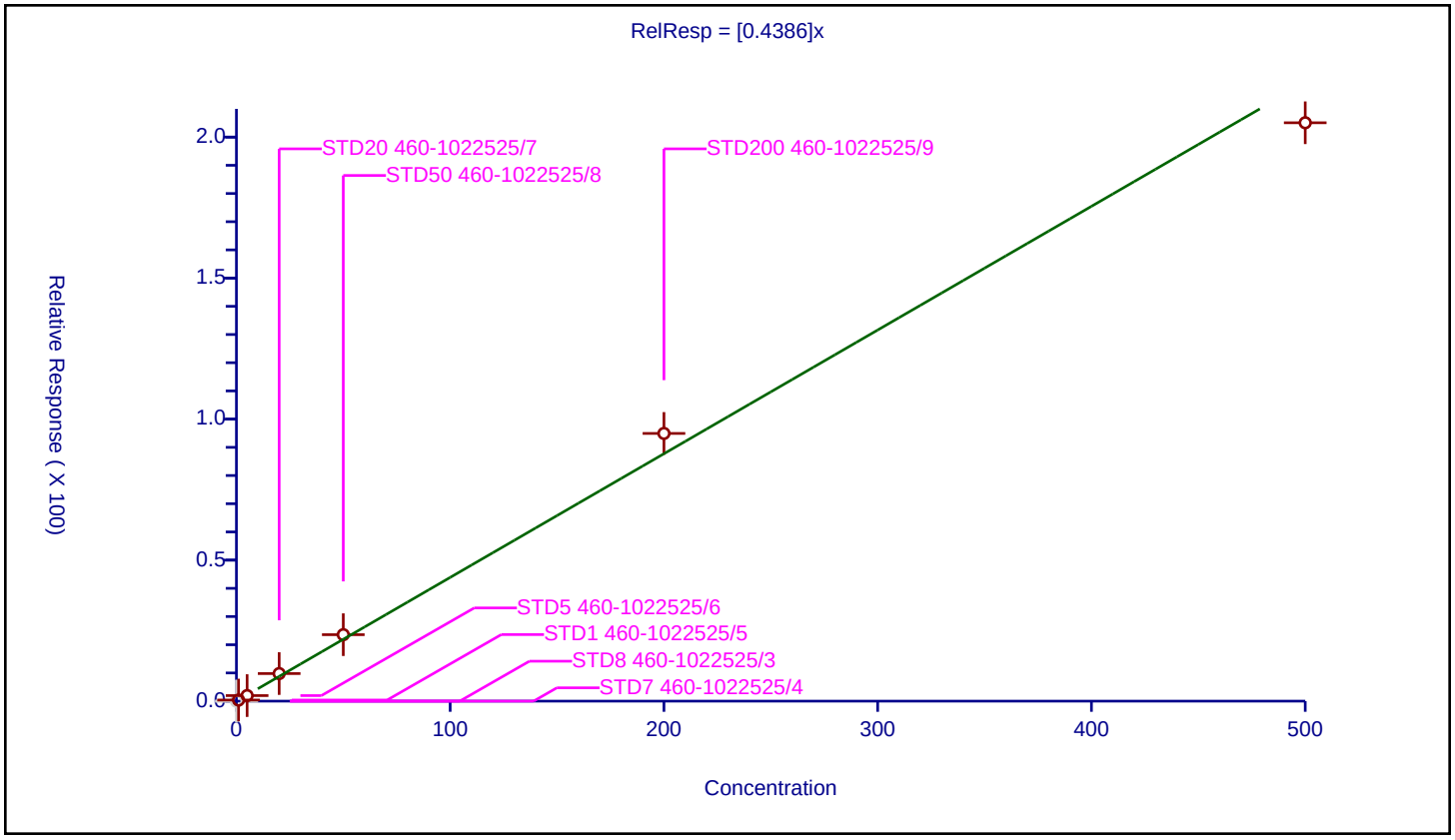
Curve Coefficients

Intercept:	0
Slope:	0.4386

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.392838	50.0	468641.0	0.392838	Y
4	STD5 460-1022525/6	5.0	1.970468	50.0	478389.0	0.394094	Y
5	STD20 460-1022525/7	20.0	9.775594	50.0	485014.0	0.48878	Y
6	STD50 460-1022525/8	50.0	23.564604	50.0	503711.0	0.471292	Y
7	STD200 460-1022525/9	200.0	94.925847	50.0	517377.0	0.474629	Y
8	STD500 460-1022525/10	500.0	205.08082	50.0	580300.0	0.410162	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

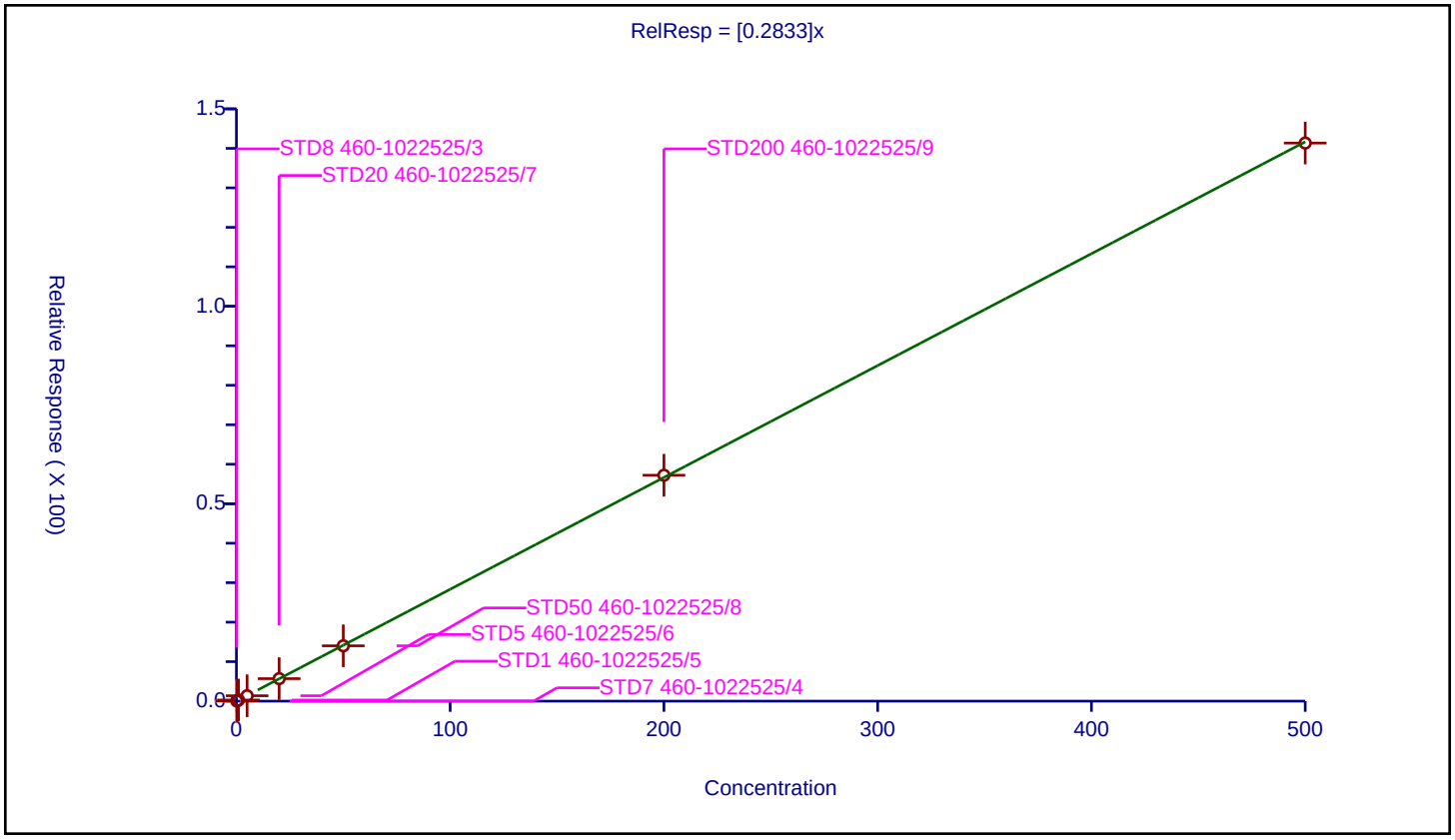
Curve Coefficients

Intercept:	0
Slope:	0.2833

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.059672	50.0	468395.0	0.298359	Y
3	STD1 460-1022525/5	1.0	0.277505	50.0	468641.0	0.277505	Y
4	STD5 460-1022525/6	5.0	1.366357	50.0	478389.0	0.273271	Y
5	STD20 460-1022525/7	20.0	5.69932	50.0	485014.0	0.284966	Y
6	STD50 460-1022525/8	50.0	14.017462	50.0	503711.0	0.280349	Y
7	STD200 460-1022525/9	200.0	57.212052	50.0	517377.0	0.28606	Y
8	STD500 460-1022525/10	500.0	141.343874	50.0	580300.0	0.282688	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

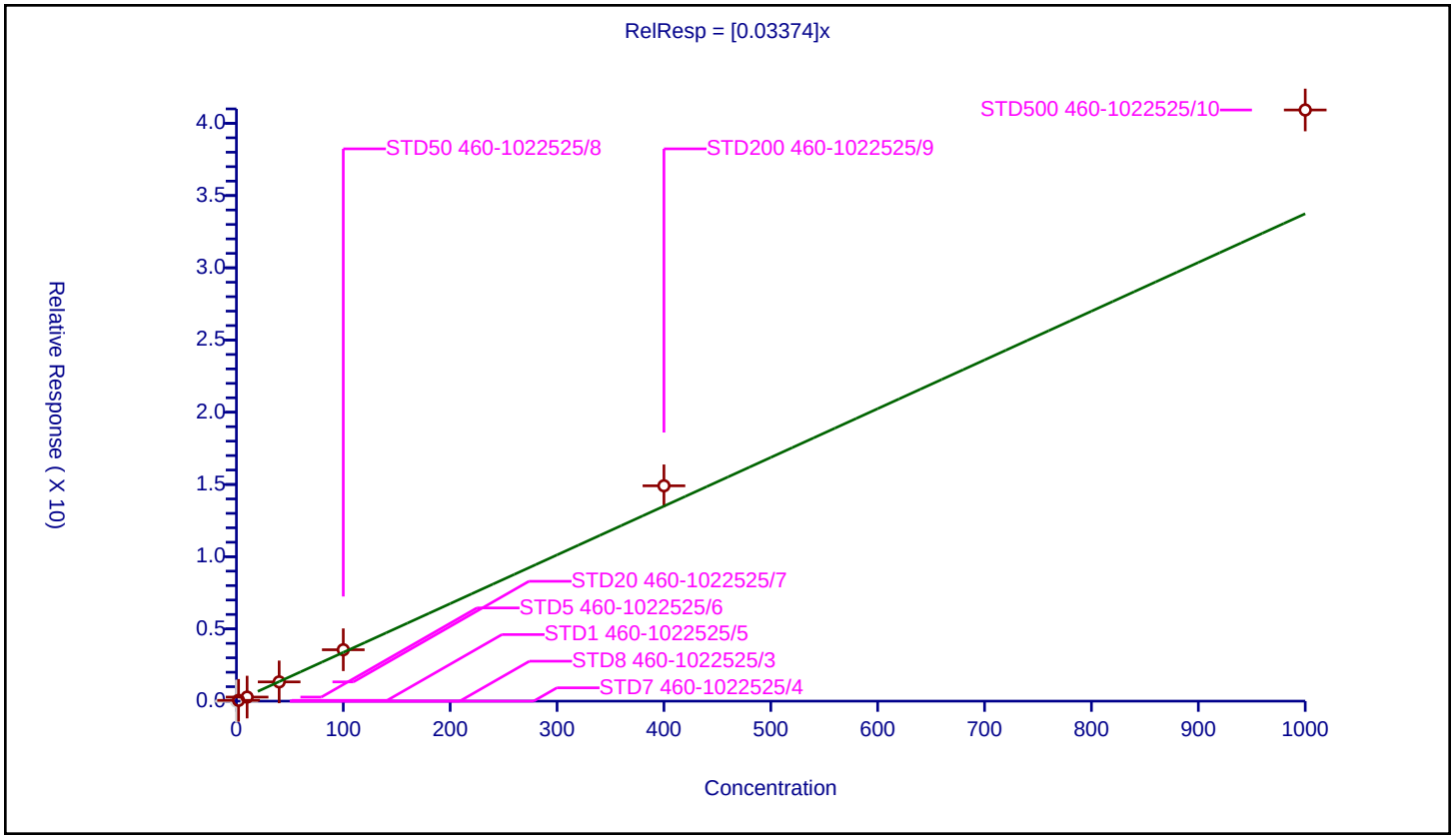
Curve Coefficients

Intercept:	0
Slope:	0.03374

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	2.0	0.054519	50.0	468641.0	0.02726	Y
4	STD5 460-1022525/6	10.0	0.281047	50.0	478389.0	0.028105	Y
5	STD20 460-1022525/7	40.0	1.332848	50.0	485014.0	0.033321	Y
6	STD50 460-1022525/8	100.0	3.557198	50.0	503711.0	0.035572	Y
7	STD200 460-1022525/9	400.0	14.908278	50.0	517377.0	0.037271	Y
8	STD500 460-1022525/10	1000.0	40.923488	50.0	580300.0	0.040923	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

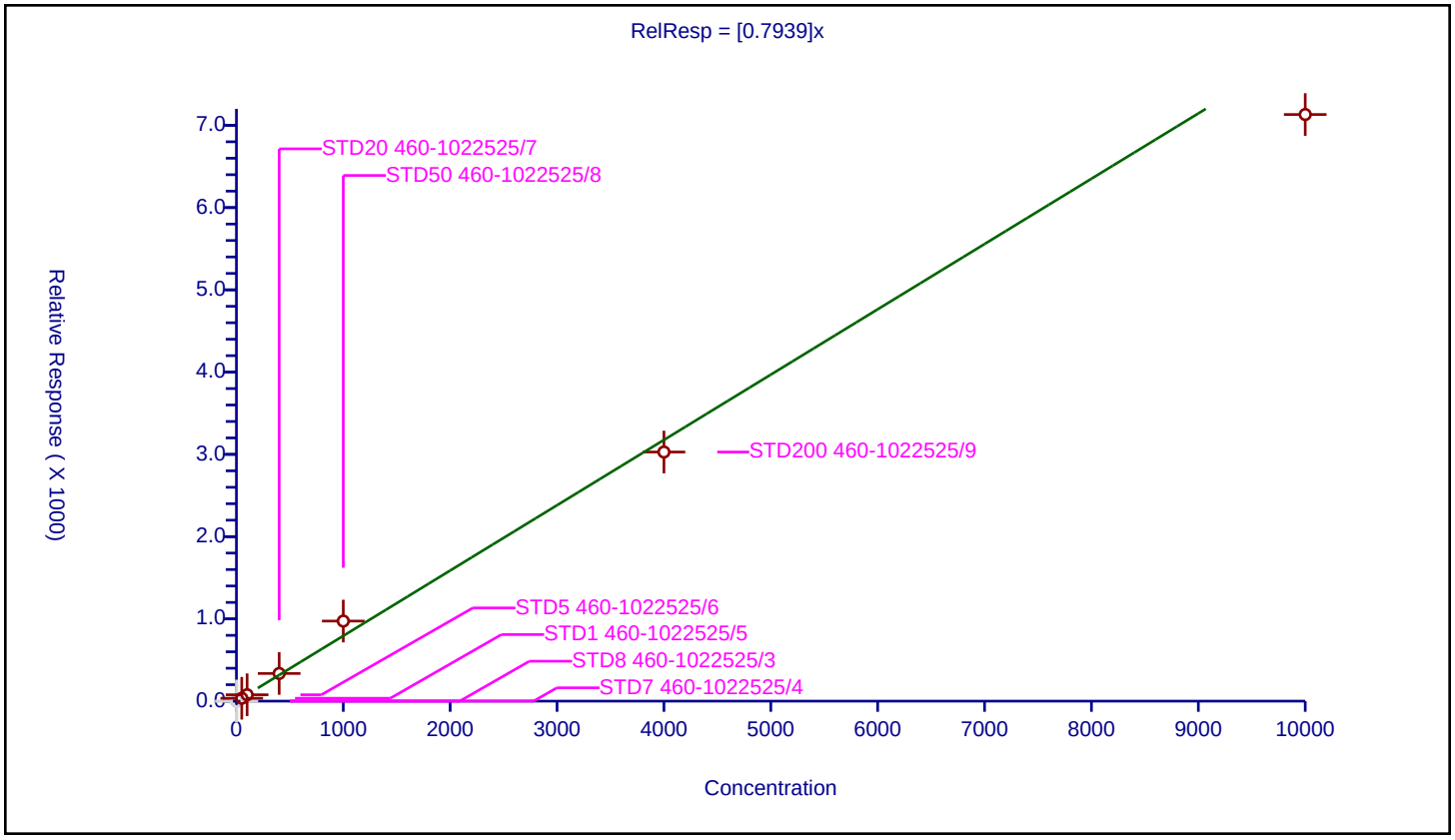
Curve Coefficients

Intercept:	0
Slope:	0.7939

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	11924.0	NaN	N
2	STD8 460-1022525/3	4.0	0.0	1000.0	10879.0	0.0	N
3	STD1 460-1022525/5	50.000062	35.132819	1000.0	14004.0	0.702656	Y
4	STD5 460-1022525/6	100.0	77.599945	1000.0	14433.0	0.775999	Y
5	STD20 460-1022525/7	400.0	336.392405	1000.0	15800.0	0.840981	Y
6	STD50 460-1022525/8	1000.0	973.373142	1000.0	16412.0	0.973373	Y
7	STD200 460-1022525/9	4000.0	3028.65079	1000.0	19441.0	0.757163	Y
8	STD500 460-1022525/10	10000.0	7131.638589	1000.0	26474.0	0.713164	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

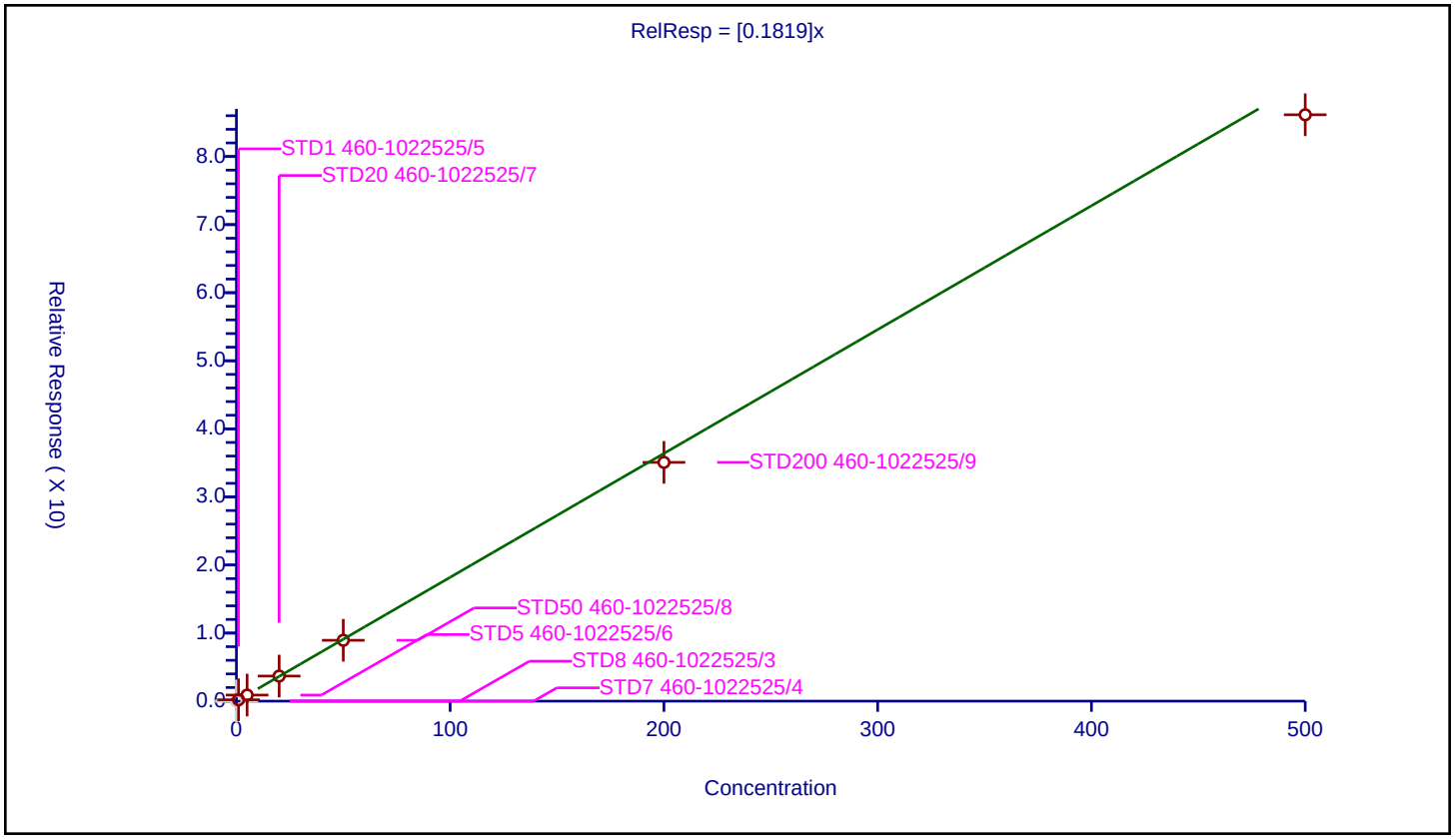
Curve Coefficients

Intercept:	0
Slope:	0.1819

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.202287	50.0	468641.0	0.202287	Y
4	STD5 460-1022525/6	5.0	0.893311	50.0	478389.0	0.178662	Y
5	STD20 460-1022525/7	20.0	3.685461	50.0	485014.0	0.184273	Y
6	STD50 460-1022525/8	50.0	8.936176	50.0	503711.0	0.178724	Y
7	STD200 460-1022525/9	200.0	35.073844	50.0	517377.0	0.175369	Y
8	STD500 460-1022525/10	500.0	86.134069	50.0	580300.0	0.172268	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

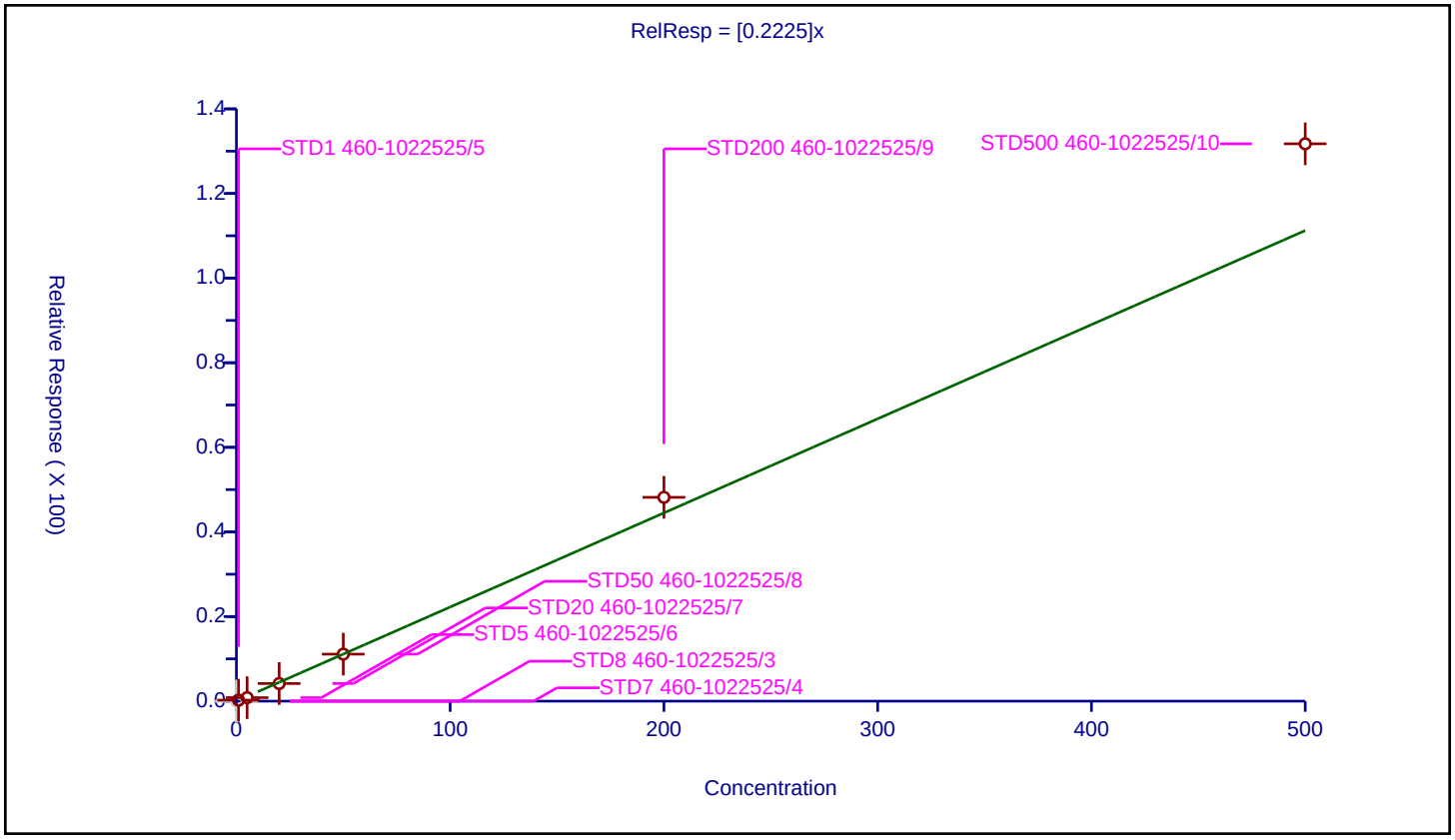
Curve Coefficients

Intercept:	0
Slope:	0.2225

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.235255	50.0	468641.0	0.235255	Y
4	STD5 460-1022525/6	5.0	0.824747	50.0	478389.0	0.164949	Y
5	STD20 460-1022525/7	20.0	4.16256	50.0	485014.0	0.208128	Y
6	STD50 460-1022525/8	50.0	11.109148	50.0	503711.0	0.222183	Y
7	STD200 460-1022525/9	200.0	48.177634	50.0	517377.0	0.240888	Y
8	STD500 460-1022525/10	500.0	131.745218	50.0	580300.0	0.26349	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

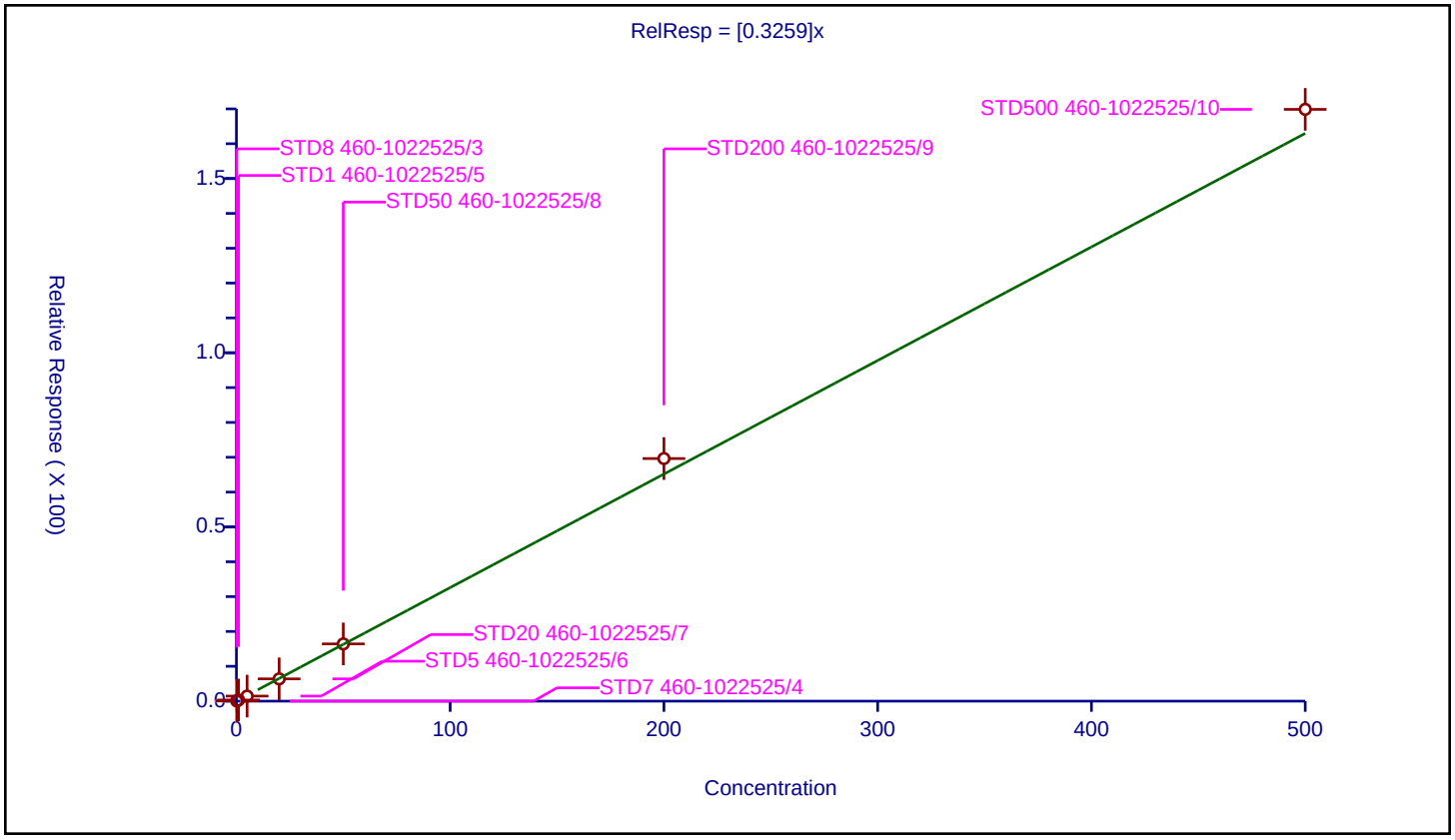
Curve Coefficients

Intercept:	0
Slope:	0.3259

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.065543	50.0	468395.0	0.327715	Y
3	STD1 460-1022525/5	1.0	0.325942	50.0	468641.0	0.325942	Y
4	STD5 460-1022525/6	5.0	1.458437	50.0	478389.0	0.291687	Y
5	STD20 460-1022525/7	20.0	6.392393	50.0	485014.0	0.31962	Y
6	STD50 460-1022525/8	50.0	16.431347	50.0	503711.0	0.328627	Y
7	STD200 460-1022525/9	200.0	69.632879	50.0	517377.0	0.348164	Y
8	STD500 460-1022525/10	500.0	169.865759	50.0	580300.0	0.339732	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

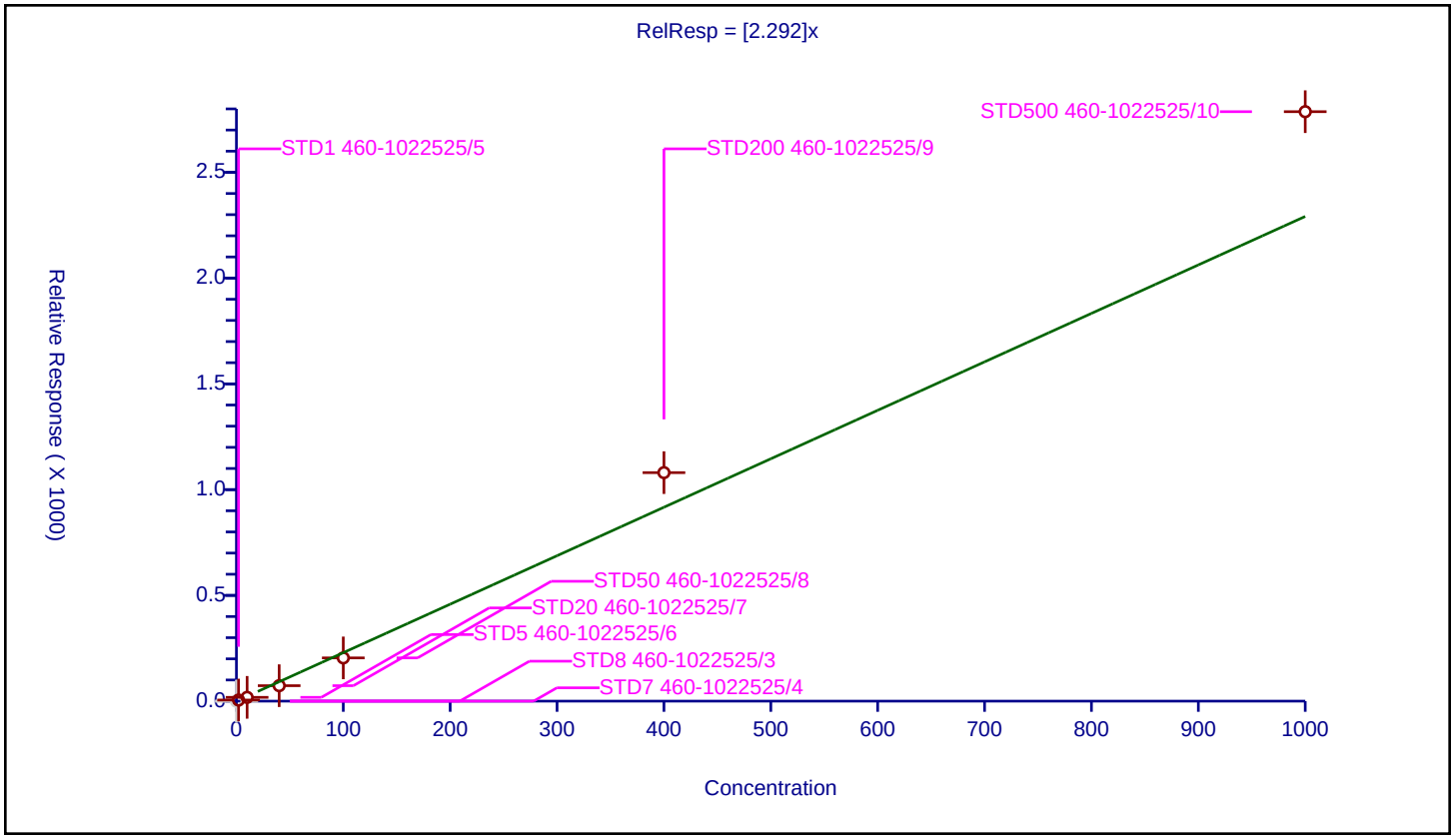
Curve Coefficients

Intercept:	0
Slope:	2.292

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	1000.0	130503.0	NaN	N
2	STD8 460-1022525/3	0.4	0.0	1000.0	131300.0	0.0	N
3	STD1 460-1022525/5	2.0	5.200689	1000.0	149211.0	2.600344	Y
4	STD5 460-1022525/6	10.0	17.895751	1000.0	140145.0	1.789575	Y
5	STD20 460-1022525/7	40.0	73.074257	1000.0	157251.0	1.826856	Y
6	STD50 460-1022525/8	100.0	204.487255	1000.0	162059.0	2.044873	Y
7	STD200 460-1022525/9	400.0	1080.274731	1000.0	152003.0	2.700687	Y
8	STD500 460-1022525/10	1000.0	2786.787137	1000.0	188816.0	2.786787	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

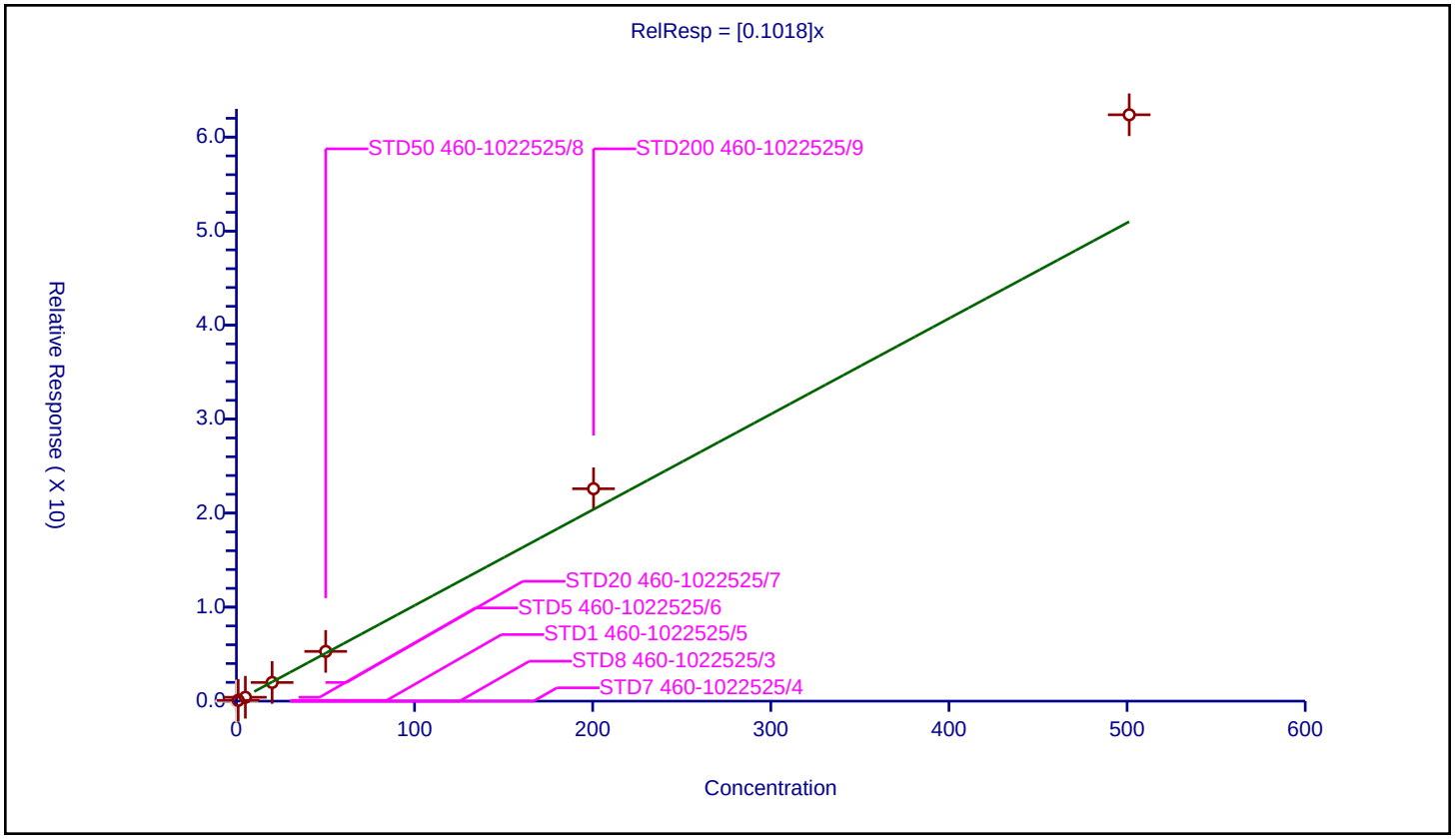
Curve Coefficients

Intercept:	0
Slope:	0.1018

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.20048	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0024	0.086527	50.0	468641.0	0.08632	Y
4	STD5 460-1022525/6	5.012	0.41253	50.0	478389.0	0.082309	Y
5	STD20 460-1022525/7	20.048	1.988705	50.0	485014.0	0.099197	Y
6	STD50 460-1022525/8	50.12	5.291725	50.0	503711.0	0.105581	Y
7	STD200 460-1022525/9	200.48	22.593099	50.0	517377.0	0.112695	Y
8	STD500 460-1022525/10	501.2	62.373514	50.0	580300.0	0.124448	Y



Calibration / Epichlorohydrin

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

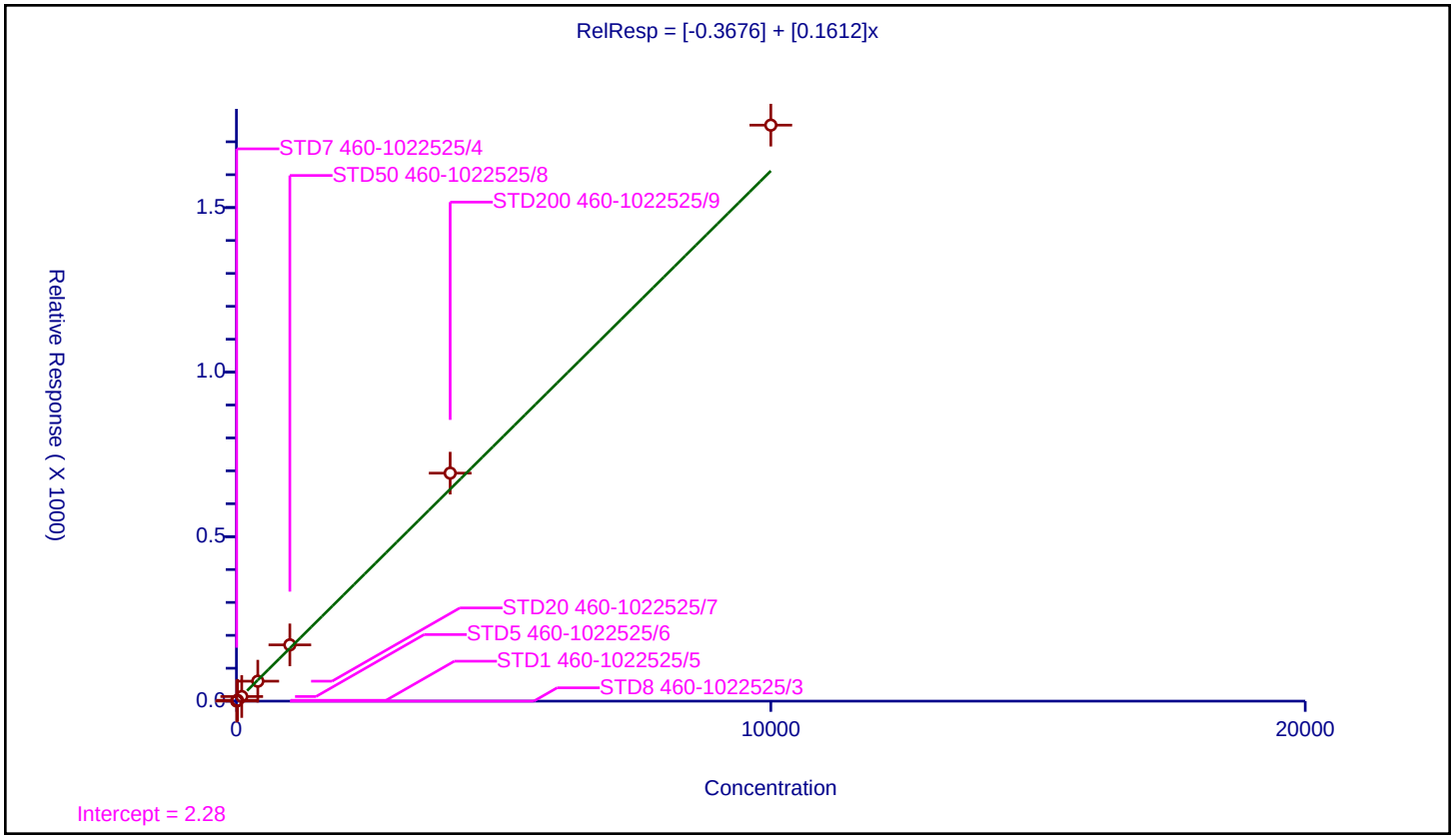
Curve Coefficients

Intercept:	-0.3676
Slope:	0.1612

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	4.000007	0.0	250.0	180129.0	0.0	N
2	STD7 460-1022525/4	5.000009	0.461822	250.0	153739.0	0.092364	Y
3	STD1 460-1022525/5	20.000035	2.551776	250.0	199175.0	0.127589	Y
4	STD5 460-1022525/6	100.000173	14.04753	250.0	190069.0	0.140475	Y
5	STD20 460-1022525/7	400.000692	60.629649	250.0	211324.0	0.151574	Y
6	STD50 460-1022525/8	1000.00173	171.026415	250.0	214806.0	0.171026	Y
7	STD200 460-1022525/9	4000.00692	692.964623	250.0	214459.0	0.173241	Y
8	STD500 460-1022525/10	10000.0173	1750.647556	250.0	253260.0	0.175064	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

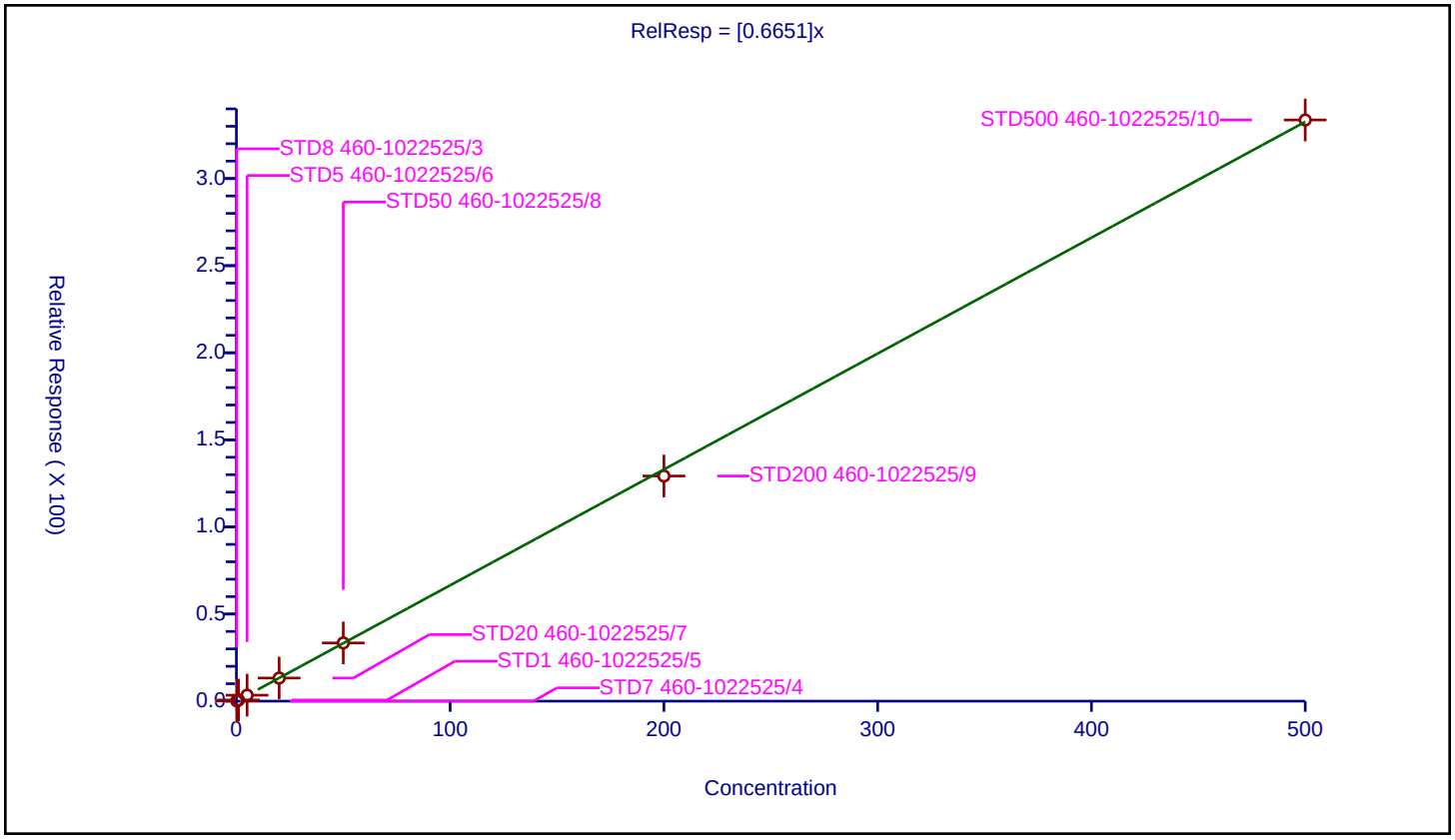
Curve Coefficients

Intercept:	0
Slope:	0.6651

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.138865	50.0	225759.0	0.694324	Y
3	STD1 460-1022525/5	1.0	0.632271	50.0	228462.0	0.632271	Y
4	STD5 460-1022525/6	5.0	3.421716	50.0	227006.0	0.684343	Y
5	STD20 460-1022525/7	20.0	13.265599	50.0	258213.0	0.66328	Y
6	STD50 460-1022525/8	50.0	33.411381	50.0	277609.0	0.668228	Y
7	STD200 460-1022525/9	200.0	129.239821	50.0	323687.0	0.646199	Y
8	STD500 460-1022525/10	500.0	333.617043	50.0	356291.0	0.667234	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

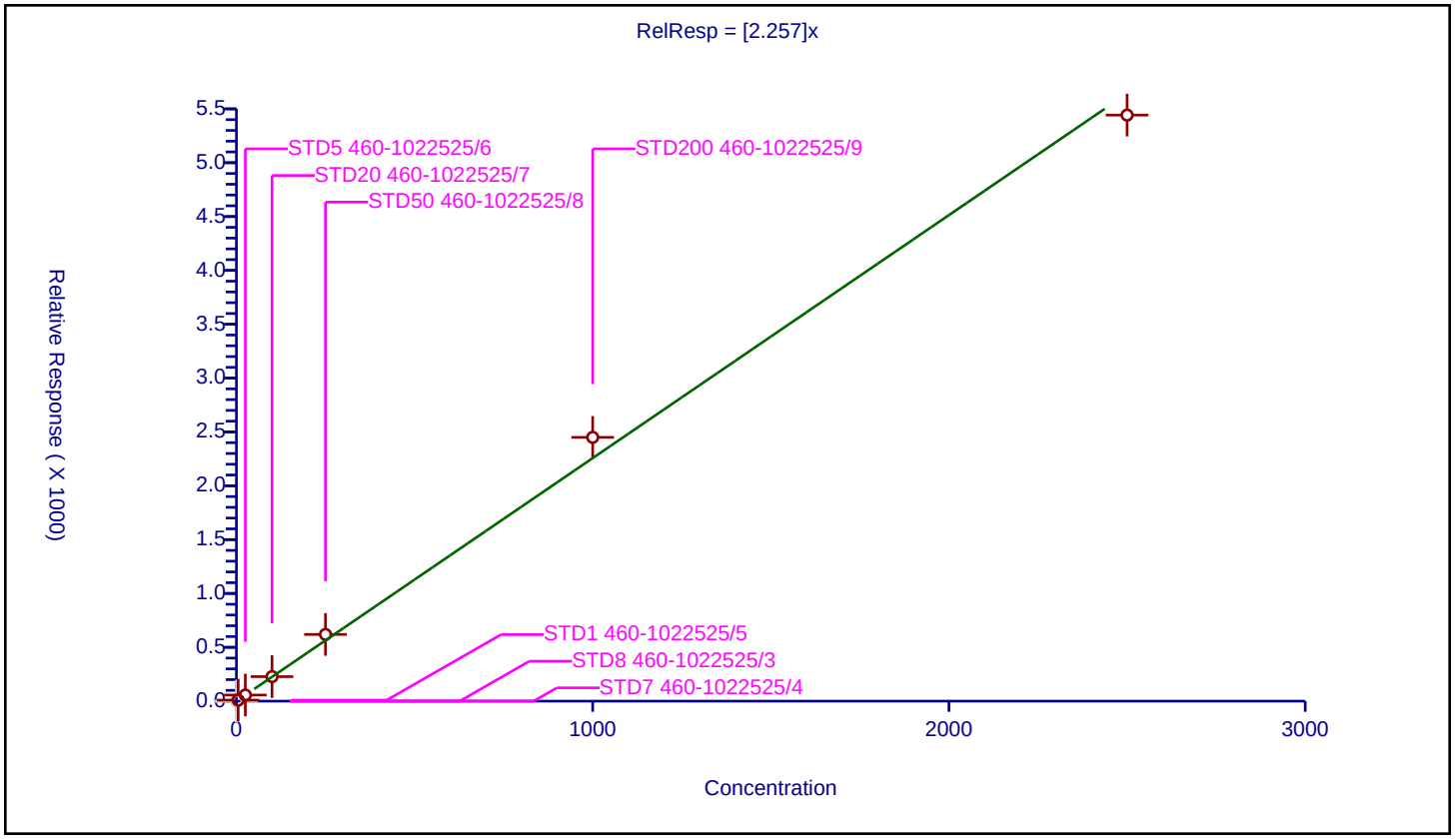
Curve Coefficients

Intercept:	0
Slope:	2.257

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	250.0	153739.0	NaN	N
2	STD8 460-1022525/3	1.0	0.0	250.0	180129.0	0.0	N
3	STD1 460-1022525/5	5.0	9.462784	250.0	199175.0	1.892557	Y
4	STD5 460-1022525/6	25.0	56.679416	250.0	190069.0	2.267177	Y
5	STD20 460-1022525/7	100.0	227.625589	250.0	211324.0	2.276256	Y
6	STD50 460-1022525/8	250.0	619.533439	250.0	214806.0	2.478134	Y
7	STD200 460-1022525/9	1000.0	2449.616244	250.0	214459.0	2.449616	Y
8	STD500 460-1022525/10	2500.0	5442.479073	250.0	253260.0	2.176992	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

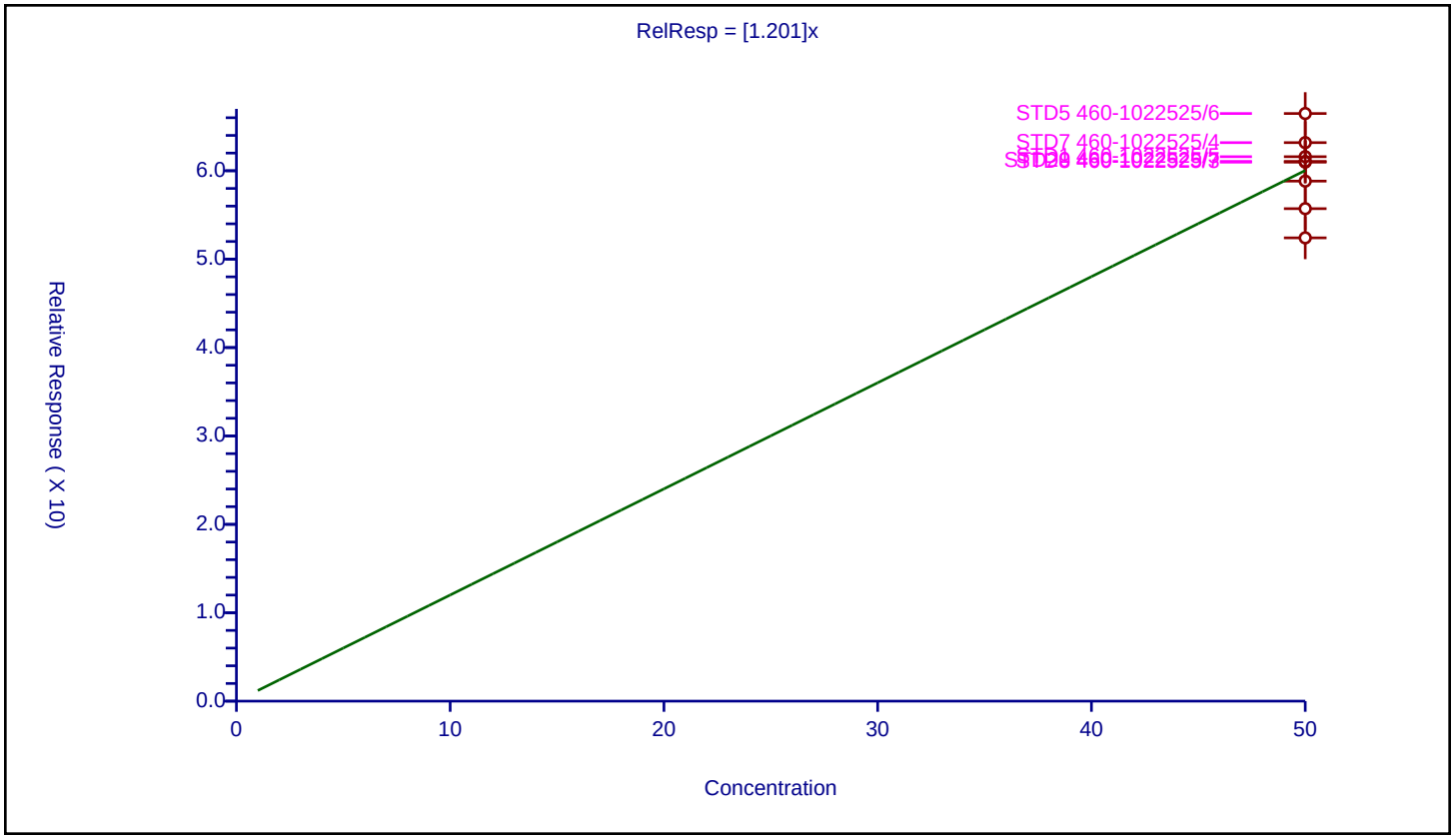
Curve Coefficients

Intercept:	0
Slope:	1.201

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	50.0	60.974756	50.0	225759.0	1.219495	Y
2	STD7 460-1022525/4	50.0	63.18287	50.0	179335.0	1.263657	Y
3	STD1 460-1022525/5	50.0	61.591862	50.0	228462.0	1.231837	Y
4	STD5 460-1022525/6	50.0	66.474895	50.0	227006.0	1.329498	Y
5	STD20 460-1022525/7	50.0	61.057538	50.0	258213.0	1.221151	Y
6	STD50 460-1022525/8	50.0	55.713251	50.0	277609.0	1.114265	Y
7	STD200 460-1022525/9	50.0	52.409426	50.0	323687.0	1.048189	Y
8	STD500 460-1022525/10	50.0	58.829861	50.0	356291.0	1.176597	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

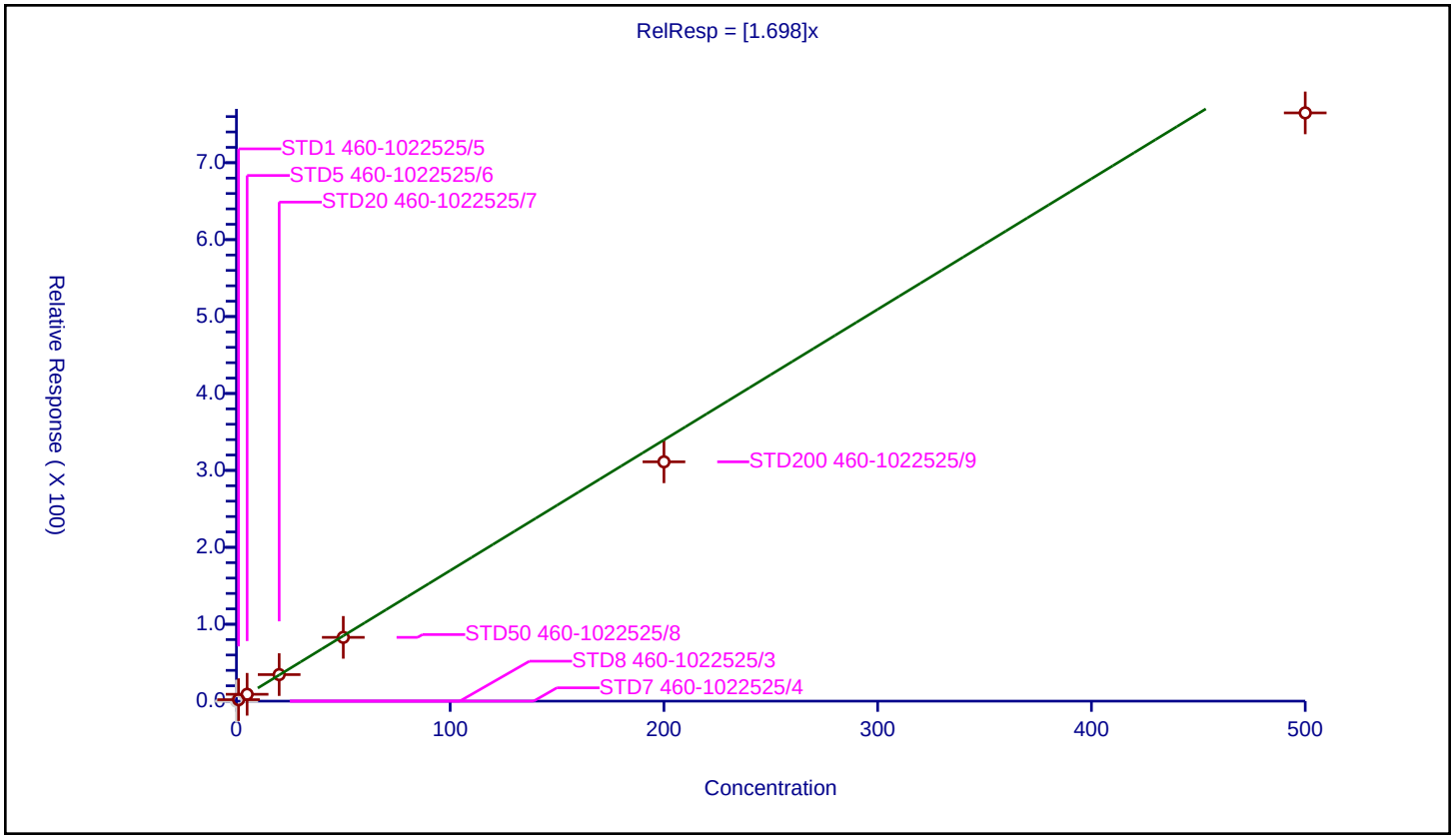
Curve Coefficients

Intercept:	0
Slope:	1.698

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	1.934457	50.0	228462.0	1.934457	Y
4	STD5 460-1022525/6	5.0	8.92091	50.0	227006.0	1.784182	Y
5	STD20 460-1022525/7	20.0	34.504266	50.0	258213.0	1.725213	Y
6	STD50 460-1022525/8	50.0	82.909776	50.0	277609.0	1.658196	Y
7	STD200 460-1022525/9	200.0	311.148733	50.0	323687.0	1.555744	Y
8	STD500 460-1022525/10	500.0	764.799841	50.0	356291.0	1.5296	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

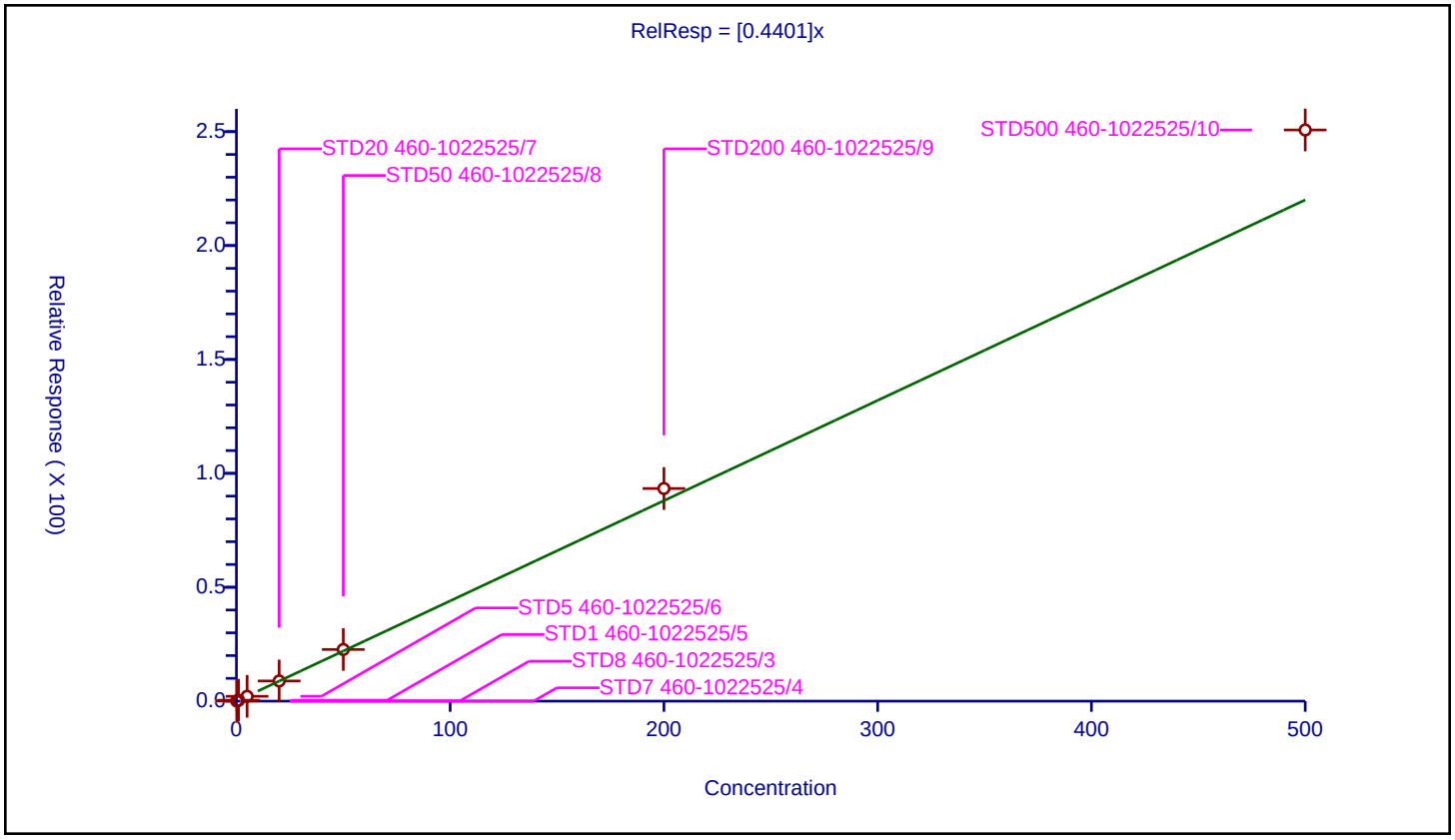
Curve Coefficients

Intercept:	0
Slope:	0.4401

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.079067	50.0	225759.0	0.395333	Y
3	STD1 460-1022525/5	1.0	0.396784	50.0	228462.0	0.396784	Y
4	STD5 460-1022525/6	5.0	2.119988	50.0	227006.0	0.423998	Y
5	STD20 460-1022525/7	20.0	8.854318	50.0	258213.0	0.442716	Y
6	STD50 460-1022525/8	50.0	22.671815	50.0	277609.0	0.453436	Y
7	STD200 460-1022525/9	200.0	93.34913	50.0	323687.0	0.466746	Y
8	STD500 460-1022525/10	500.0	250.736757	50.0	356291.0	0.501474	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

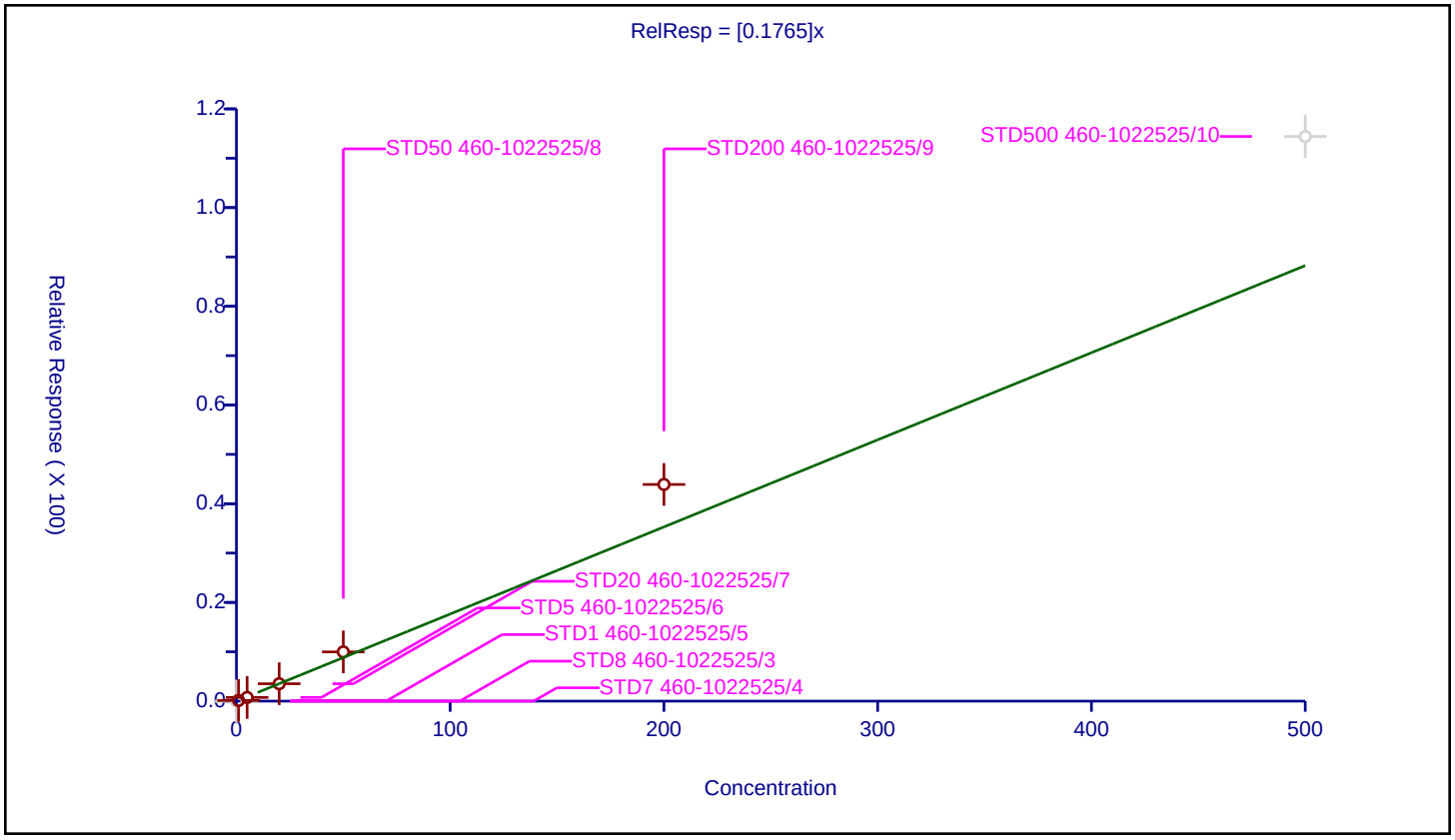
Curve Coefficients

Intercept:	0
Slope:	0.1765

Error Coefficients

Relative Standard Deviation:	19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	382505.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	468395.0	0.0	N
3	STD1 460-1022525/5	1.0	0.137632	50.0	468641.0	0.137632	Y
4	STD5 460-1022525/6	5.0	0.746986	50.0	478389.0	0.149397	Y
5	STD20 460-1022525/7	20.0	3.528558	50.0	485014.0	0.176428	Y
6	STD50 460-1022525/8	50.0	9.974867	50.0	503711.0	0.199497	Y
7	STD200 460-1022525/9	200.0	43.903672	50.0	517377.0	0.219518	Y
8	STD500 460-1022525/10	500.0	114.412718	50.0	580300.0	0.228825	N



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

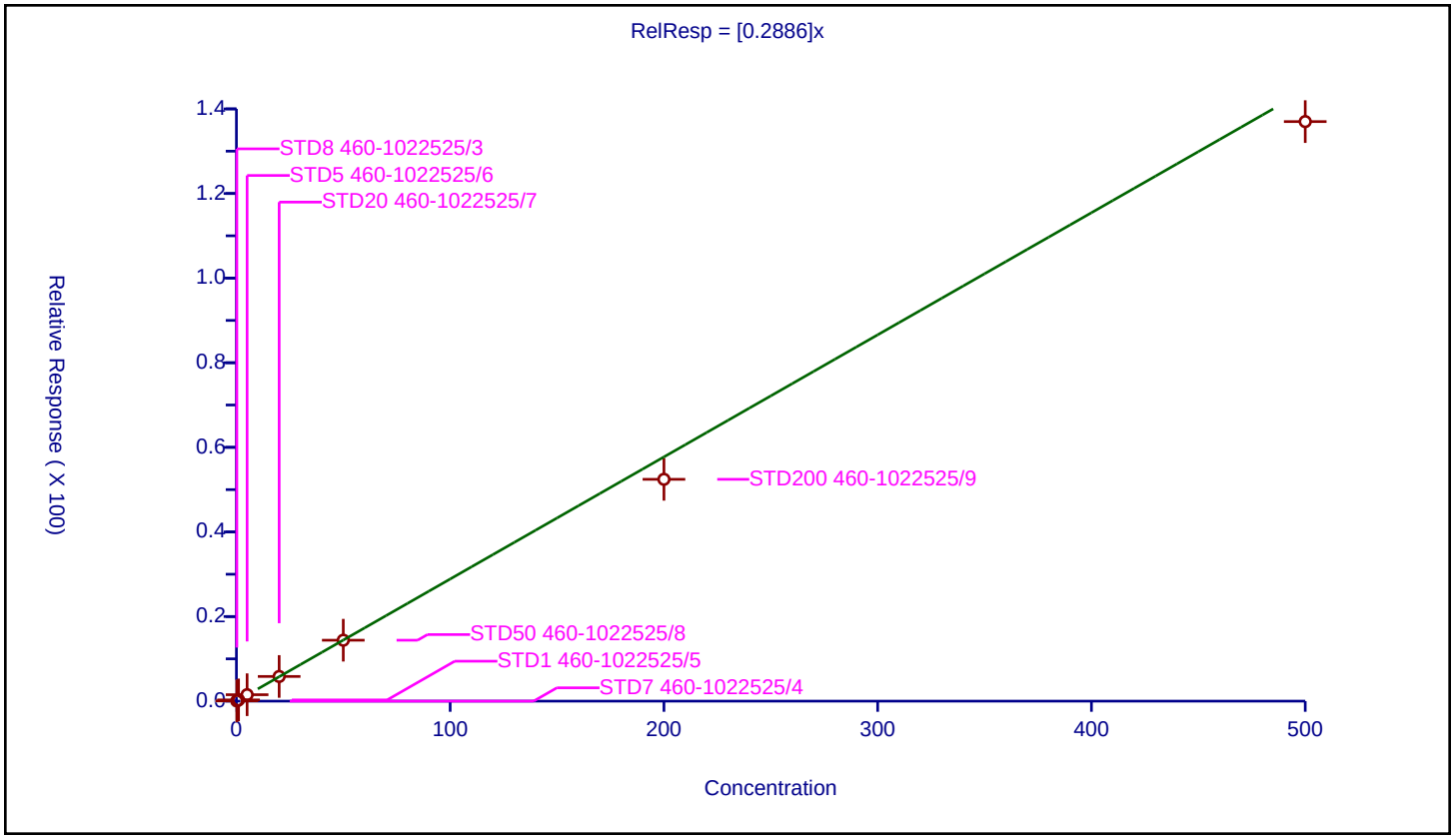
Curve Coefficients

Intercept:	0
Slope:	0.2886

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.06312	50.0	225759.0	0.315602	Y
3	STD1 460-1022525/5	1.0	0.285168	50.0	228462.0	0.285168	Y
4	STD5 460-1022525/6	5.0	1.519123	50.0	227006.0	0.303825	Y
5	STD20 460-1022525/7	20.0	5.834331	50.0	258213.0	0.291717	Y
6	STD50 460-1022525/8	50.0	14.402091	50.0	277609.0	0.288042	Y
7	STD200 460-1022525/9	200.0	52.436613	50.0	323687.0	0.262183	Y
8	STD500 460-1022525/10	500.0	136.997847	50.0	356291.0	0.273996	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

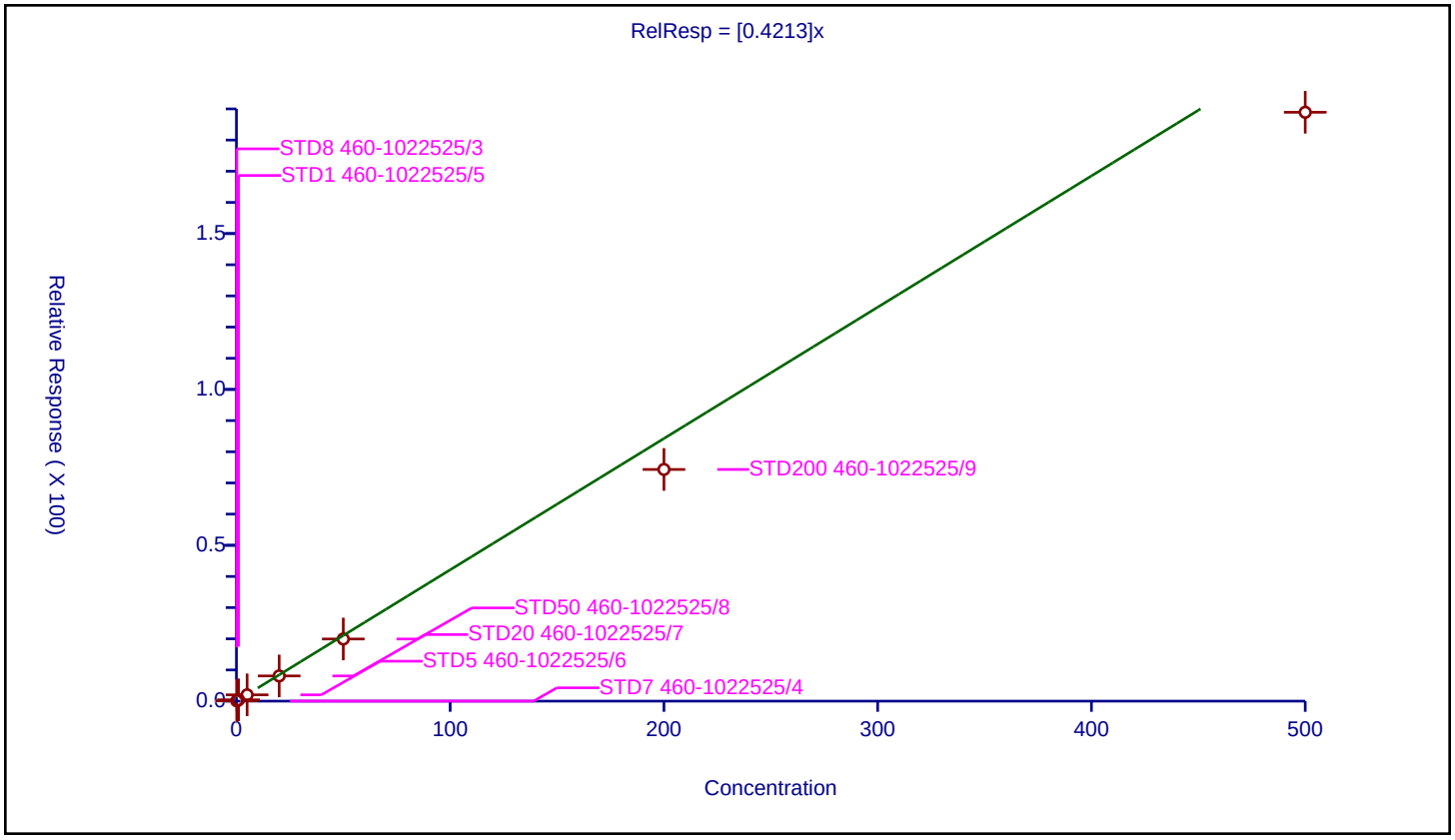
Curve Coefficients

Intercept:	0
Slope:	0.4213

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.114281	50.0	225759.0	0.571406	Y
3	STD1 460-1022525/5	1.0	0.421295	50.0	228462.0	0.421295	Y
4	STD5 460-1022525/6	5.0	2.018229	50.0	227006.0	0.403646	Y
5	STD20 460-1022525/7	20.0	8.085766	50.0	258213.0	0.404288	Y
6	STD50 460-1022525/8	50.0	19.935953	50.0	277609.0	0.398719	Y
7	STD200 460-1022525/9	200.0	74.32427	50.0	323687.0	0.371621	Y
8	STD500 460-1022525/10	500.0	188.9151	50.0	356291.0	0.37783	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

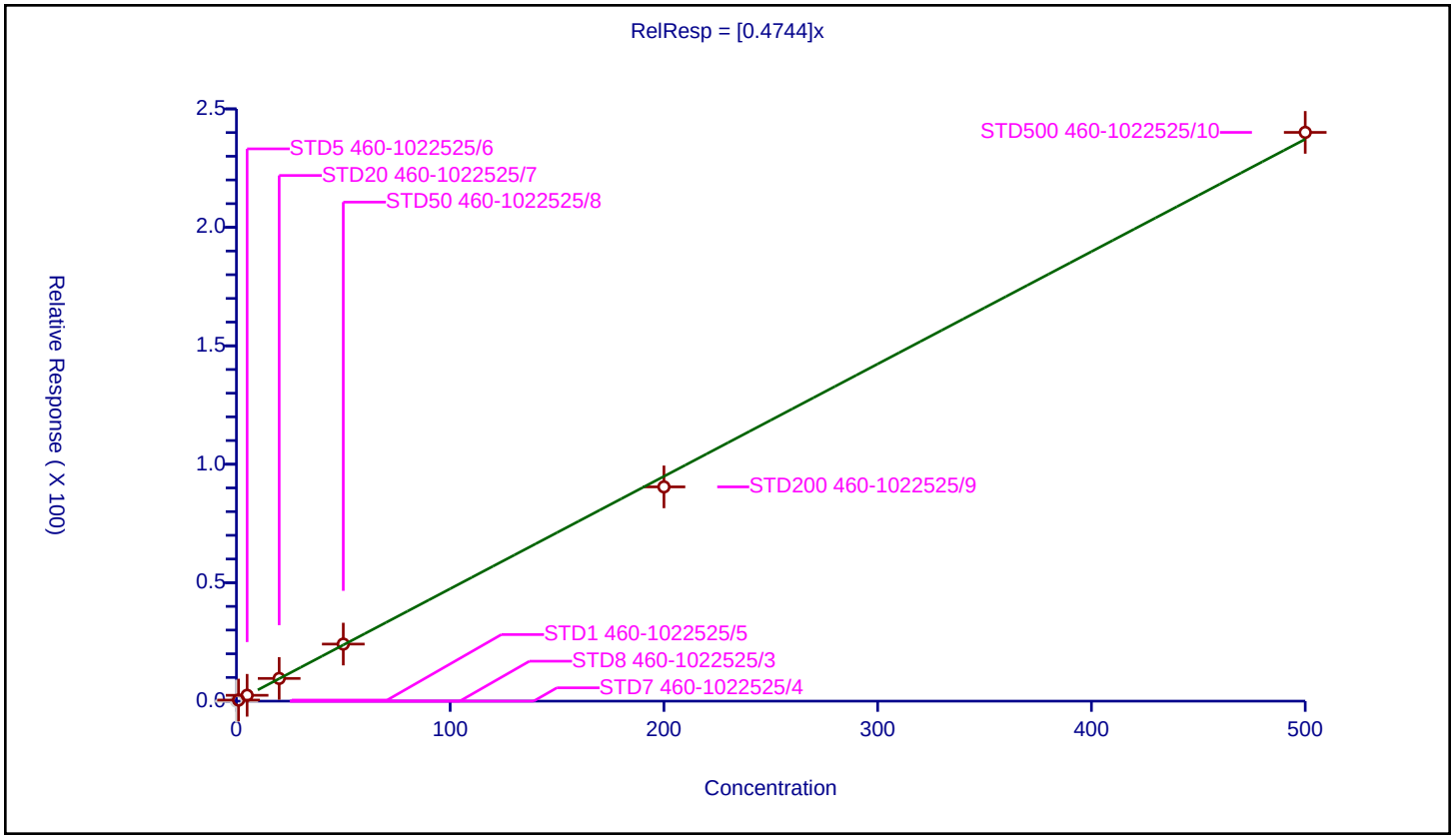
Curve Coefficients

Intercept:	0
Slope:	0.4744

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.459157	50.0	228462.0	0.459157	Y
4	STD5 460-1022525/6	5.0	2.469098	50.0	227006.0	0.49382	Y
5	STD20 460-1022525/7	20.0	9.585885	50.0	258213.0	0.479294	Y
6	STD50 460-1022525/8	50.0	24.090537	50.0	277609.0	0.481811	Y
7	STD200 460-1022525/9	200.0	90.446481	50.0	323687.0	0.452232	Y
8	STD500 460-1022525/10	500.0	240.079879	50.0	356291.0	0.48016	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

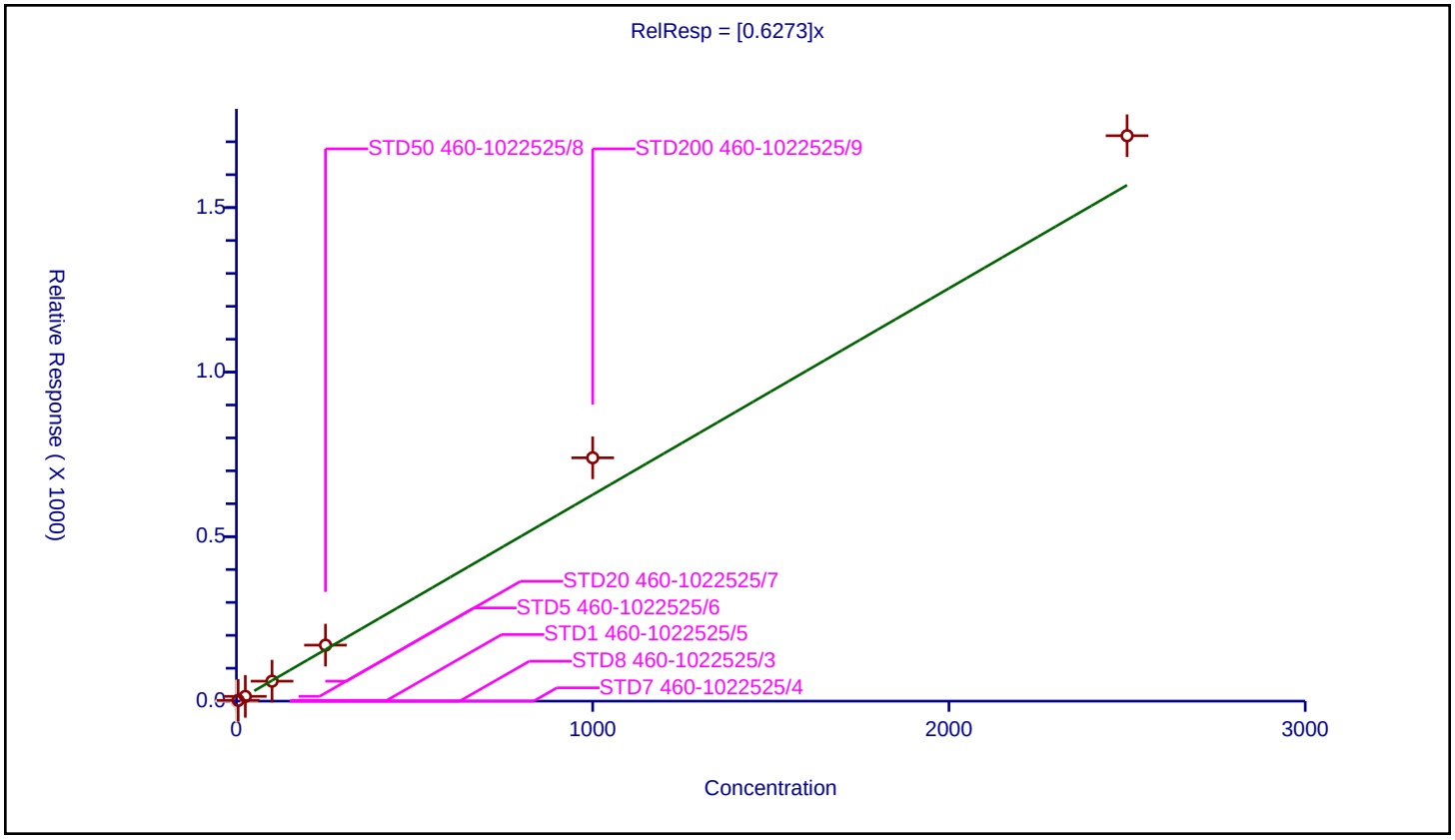
Curve Coefficients

Intercept:	0
Slope:	0.6273

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	250.0	153739.0	NaN	N
2	STD8 460-1022525/3	1.0	0.0	250.0	180129.0	0.0	N
3	STD1 460-1022525/5	5.0	2.340906	250.0	199175.0	0.468181	Y
4	STD5 460-1022525/6	25.0	14.53025	250.0	190069.0	0.58121	Y
5	STD20 460-1022525/7	100.0	60.658042	250.0	211324.0	0.60658	Y
6	STD50 460-1022525/8	250.0	170.2222	250.0	214806.0	0.680889	Y
7	STD200 460-1022525/9	1000.0	739.587753	250.0	214459.0	0.739588	Y
8	STD500 460-1022525/10	2500.0	1718.434613	250.0	253260.0	0.687374	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

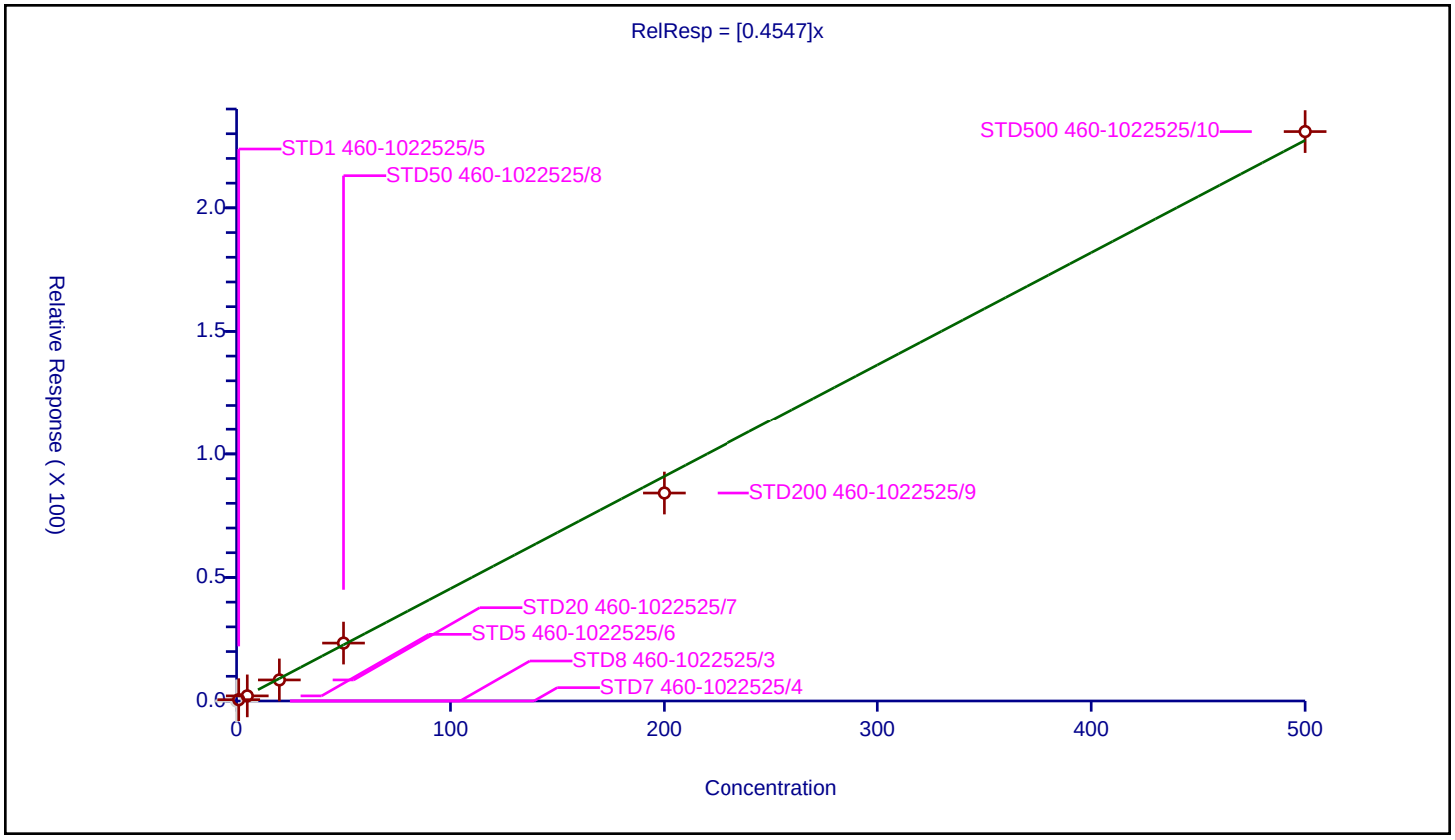
Curve Coefficients

Intercept:	0
Slope:	0.4547

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.537288	50.0	228462.0	0.537288	Y
4	STD5 460-1022525/6	5.0	2.067346	50.0	227006.0	0.413469	Y
5	STD20 460-1022525/7	20.0	8.516806	50.0	258213.0	0.42584	Y
6	STD50 460-1022525/8	50.0	23.440522	50.0	277609.0	0.46881	Y
7	STD200 460-1022525/9	200.0	84.168348	50.0	323687.0	0.420842	Y
8	STD500 460-1022525/10	500.0	230.872096	50.0	356291.0	0.461744	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

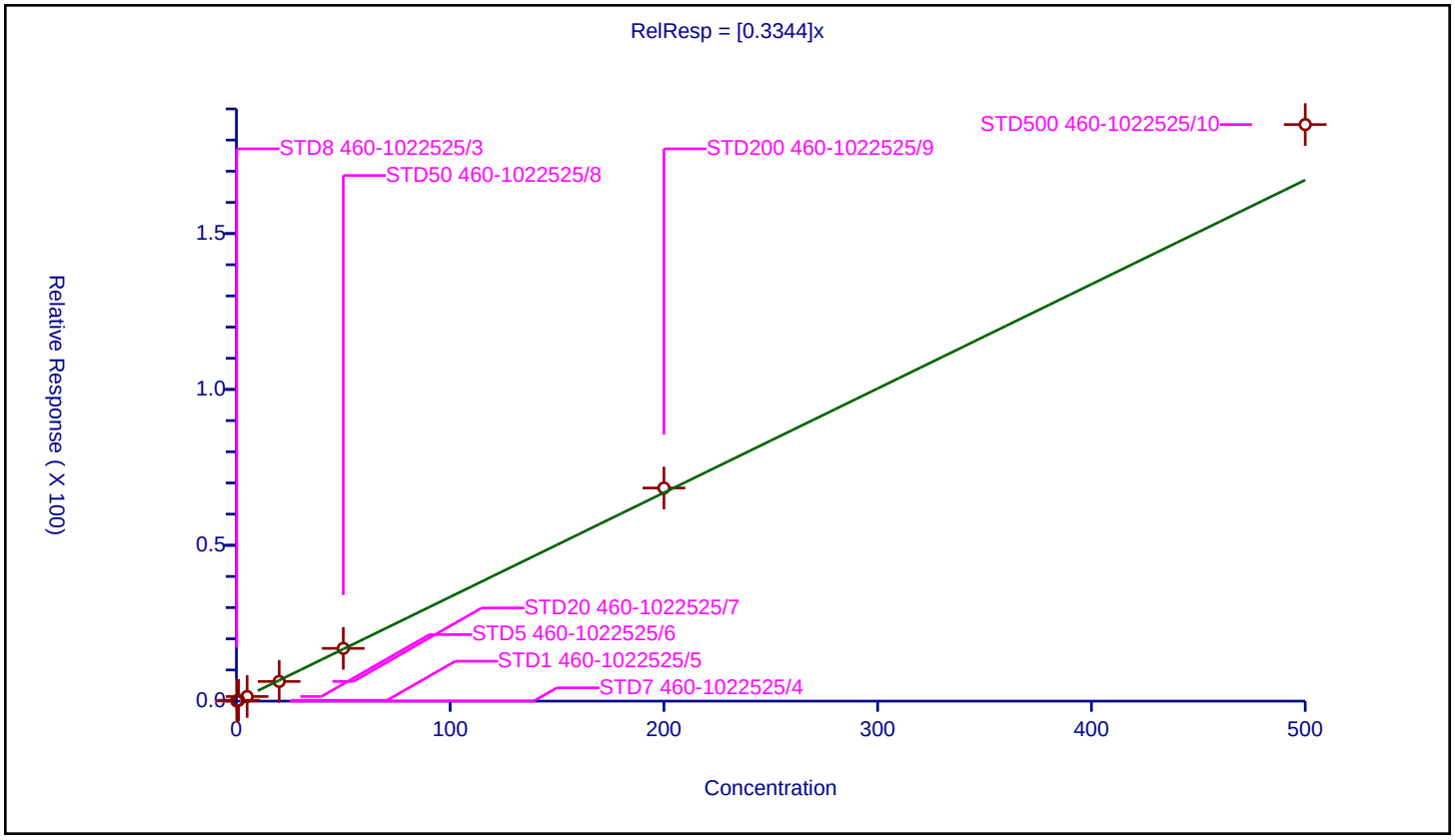
Curve Coefficients

Intercept:	0
Slope:	0.3344

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.079731	50.0	225759.0	0.398655	Y
3	STD1 460-1022525/5	1.0	0.278383	50.0	228462.0	0.278383	Y
4	STD5 460-1022525/6	5.0	1.484763	50.0	227006.0	0.296953	Y
5	STD20 460-1022525/7	20.0	6.320944	50.0	258213.0	0.316047	Y
6	STD50 460-1022525/8	50.0	16.930107	50.0	277609.0	0.338602	Y
7	STD200 460-1022525/9	200.0	68.390142	50.0	323687.0	0.341951	Y
8	STD500 460-1022525/10	500.0	184.978852	50.0	356291.0	0.369958	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

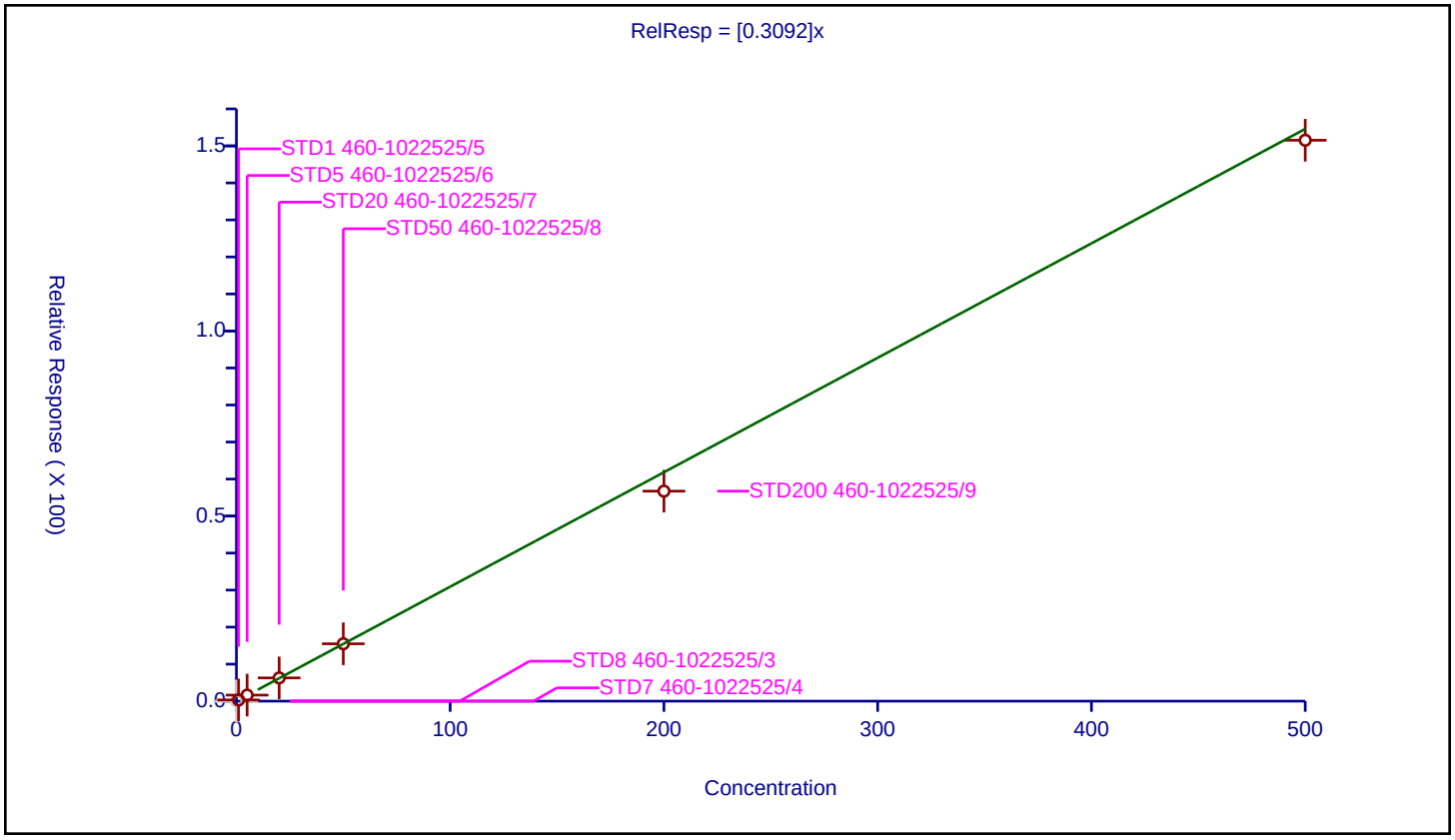
Curve Coefficients

Intercept:	0
Slope:	0.3092

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.318871	50.0	228462.0	0.318871	Y
4	STD5 460-1022525/6	5.0	1.628151	50.0	227006.0	0.32563	Y
5	STD20 460-1022525/7	20.0	6.275827	50.0	258213.0	0.313791	Y
6	STD50 460-1022525/8	50.0	15.498597	50.0	277609.0	0.309972	Y
7	STD200 460-1022525/9	200.0	56.73382	50.0	323687.0	0.283669	Y
8	STD500 460-1022525/10	500.0	151.530631	50.0	356291.0	0.303061	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

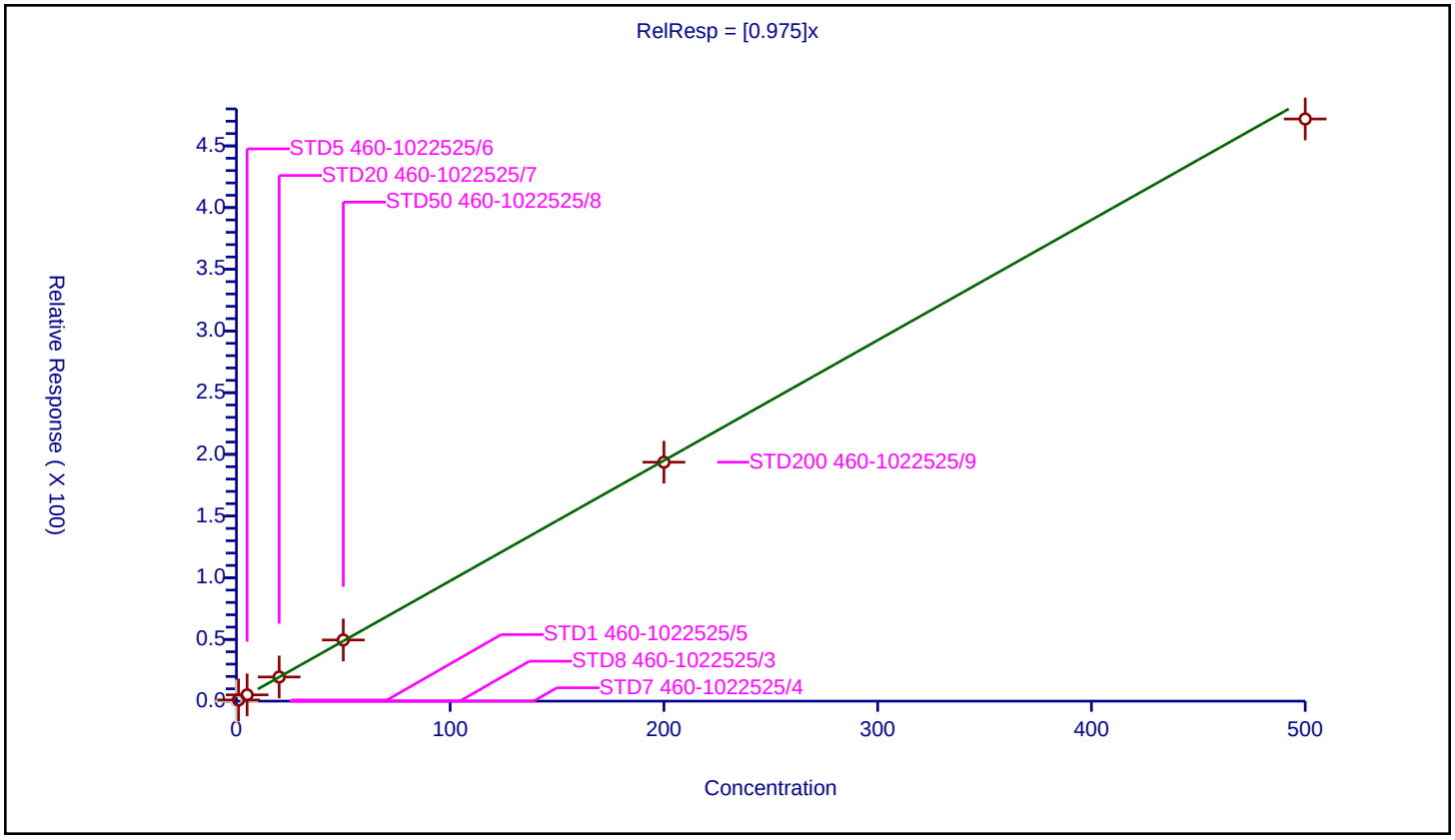
Curve Coefficients

Intercept:	0
Slope:	0.975

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.953331	50.0	228462.0	0.953331	Y
4	STD5 460-1022525/6	5.0	5.076298	50.0	227006.0	1.01526	Y
5	STD20 460-1022525/7	20.0	19.5635	50.0	258213.0	0.978175	Y
6	STD50 460-1022525/8	50.0	49.576203	50.0	277609.0	0.991524	Y
7	STD200 460-1022525/9	200.0	193.655599	50.0	323687.0	0.968278	Y
8	STD500 460-1022525/10	500.0	471.808999	50.0	356291.0	0.943618	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

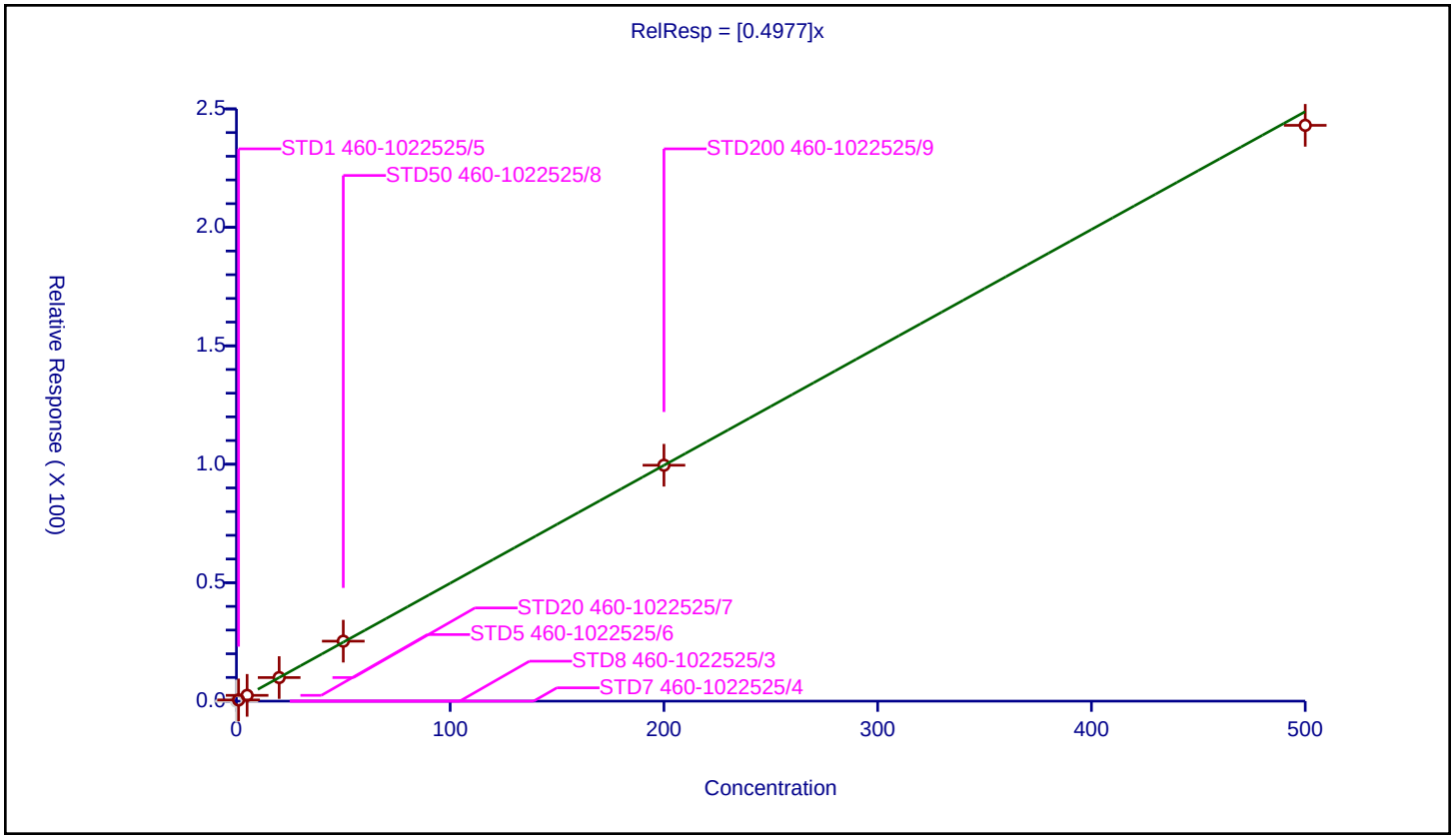
Curve Coefficients

Intercept:	0
Slope:	0.4977

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.509275	50.0	228462.0	0.509275	Y
4	STD5 460-1022525/6	5.0	2.444869	50.0	227006.0	0.488974	Y
5	STD20 460-1022525/7	20.0	9.95283	50.0	258213.0	0.497641	Y
6	STD50 460-1022525/8	50.0	25.317083	50.0	277609.0	0.506342	Y
7	STD200 460-1022525/9	200.0	99.580459	50.0	323687.0	0.497902	Y
8	STD500 460-1022525/10	500.0	243.060167	50.0	356291.0	0.48612	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

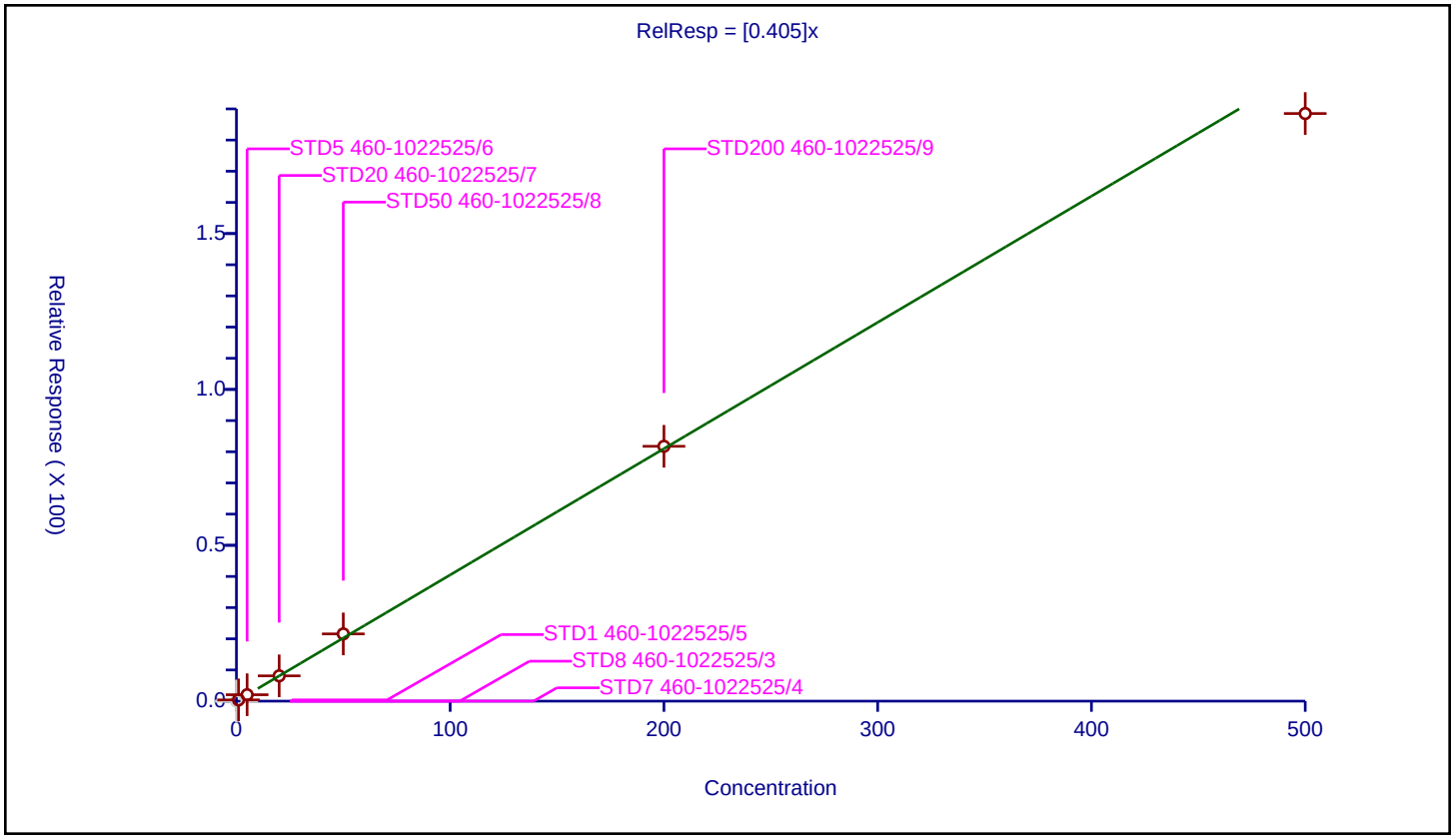
Curve Coefficients

Intercept:	0
Slope:	0.405

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.396784	50.0	228462.0	0.396784	Y
4	STD5 460-1022525/6	5.0	2.051047	50.0	227006.0	0.410209	Y
5	STD20 460-1022525/7	20.0	8.114812	50.0	258213.0	0.405741	Y
6	STD50 460-1022525/8	50.0	21.573328	50.0	277609.0	0.431467	Y
7	STD200 460-1022525/9	200.0	81.759694	50.0	323687.0	0.408798	Y
8	STD500 460-1022525/10	500.0	188.513041	50.0	356291.0	0.377026	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

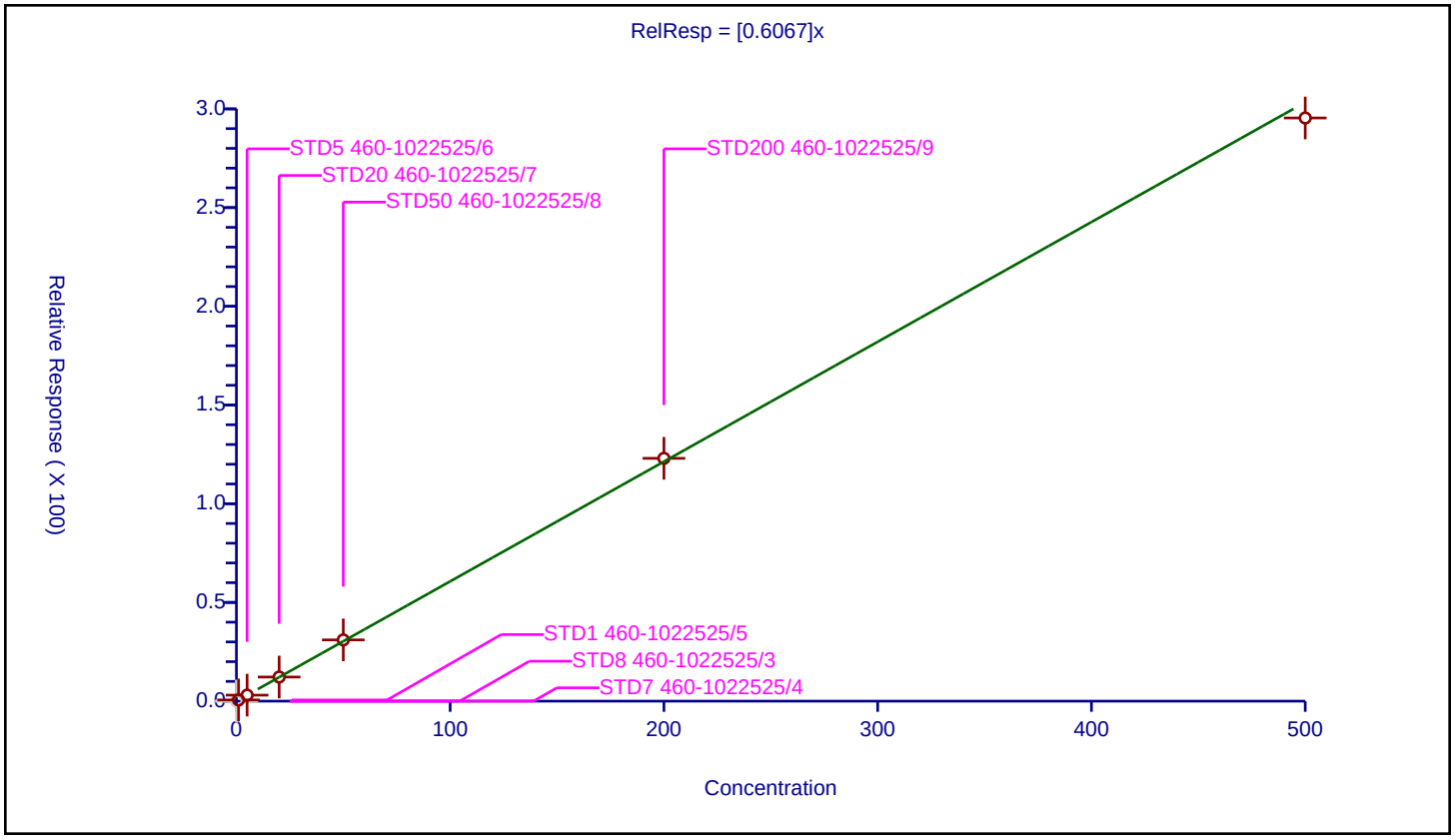
Curve Coefficients

Intercept:	0
Slope:	0.6067

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.593753	50.0	228462.0	0.593753	Y
4	STD5 460-1022525/6	5.0	3.045734	50.0	227006.0	0.609147	Y
5	STD20 460-1022525/7	20.0	12.22208	50.0	258213.0	0.611104	Y
6	STD50 460-1022525/8	50.0	31.018627	50.0	277609.0	0.620373	Y
7	STD200 460-1022525/9	200.0	122.996908	50.0	323687.0	0.614985	Y
8	STD500 460-1022525/10	500.0	295.398424	50.0	356291.0	0.590797	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

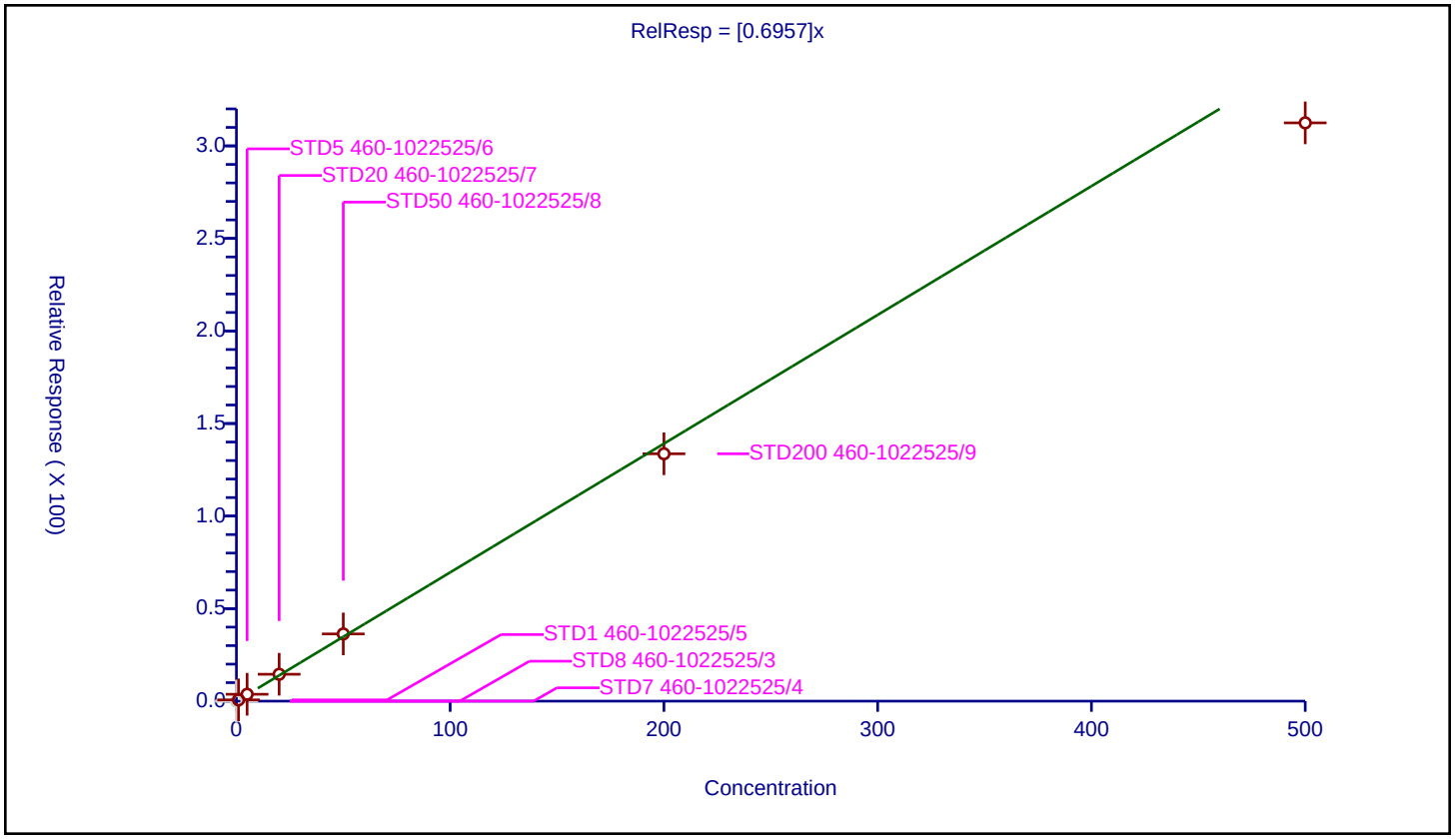
Curve Coefficients

Intercept:	0
Slope:	0.6957

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.682608	50.0	228462.0	0.682608	Y
4	STD5 460-1022525/6	5.0	3.726774	50.0	227006.0	0.745355	Y
5	STD20 460-1022525/7	20.0	14.532382	50.0	258213.0	0.726619	Y
6	STD50 460-1022525/8	50.0	36.310062	50.0	277609.0	0.726201	Y
7	STD200 460-1022525/9	200.0	133.654116	50.0	323687.0	0.668271	Y
8	STD500 460-1022525/10	500.0	312.440814	50.0	356291.0	0.624882	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

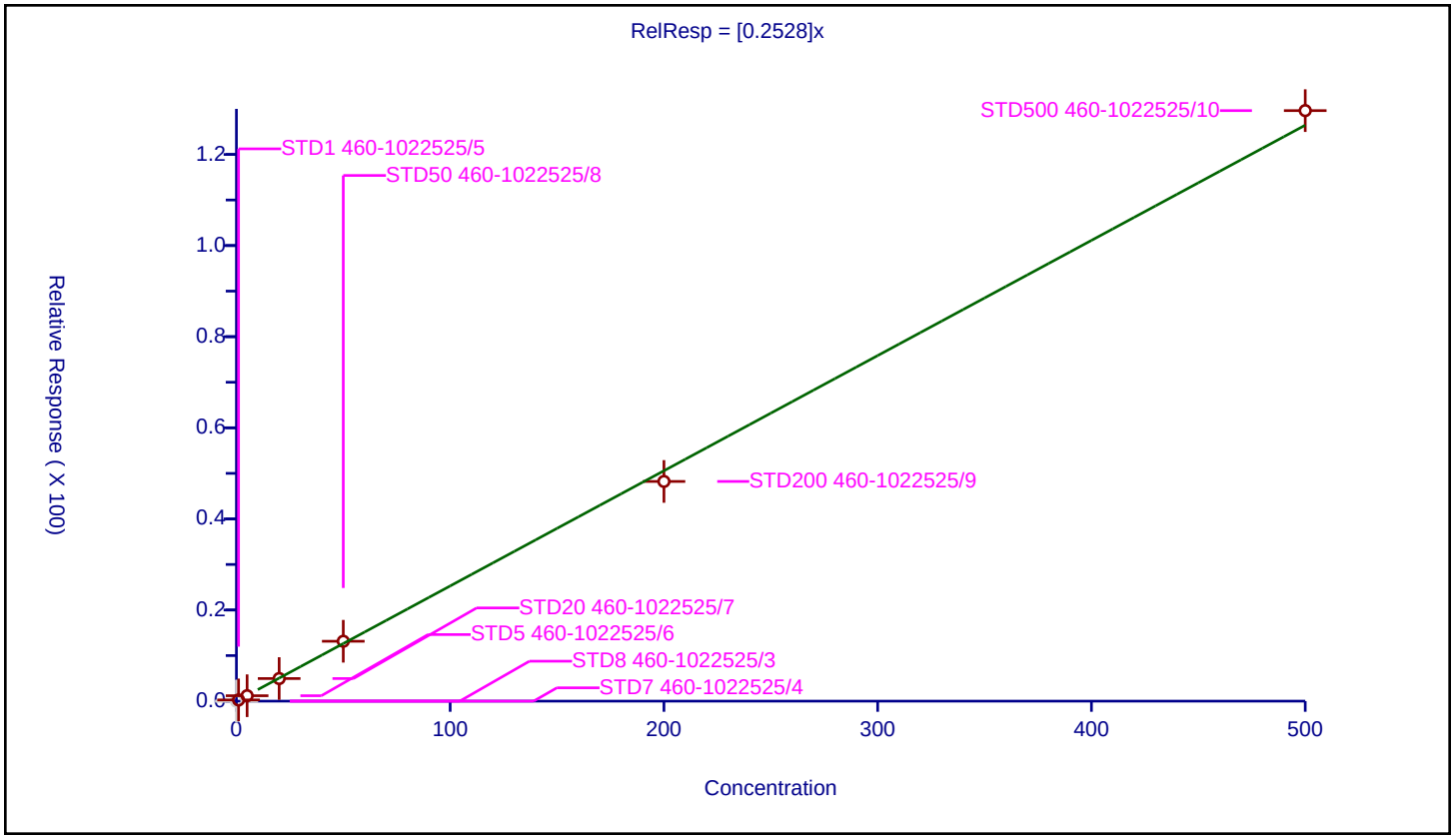
Curve Coefficients

Intercept:	0
Slope:	0.2528

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.267878	50.0	228462.0	0.267878	Y
4	STD5 460-1022525/6	5.0	1.190057	50.0	227006.0	0.238011	Y
5	STD20 460-1022525/7	20.0	4.95831	50.0	258213.0	0.247915	Y
6	STD50 460-1022525/8	50.0	13.143486	50.0	277609.0	0.26287	Y
7	STD200 460-1022525/9	200.0	48.223593	50.0	323687.0	0.241118	Y
8	STD500 460-1022525/10	500.0	129.622696	50.0	356291.0	0.259245	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

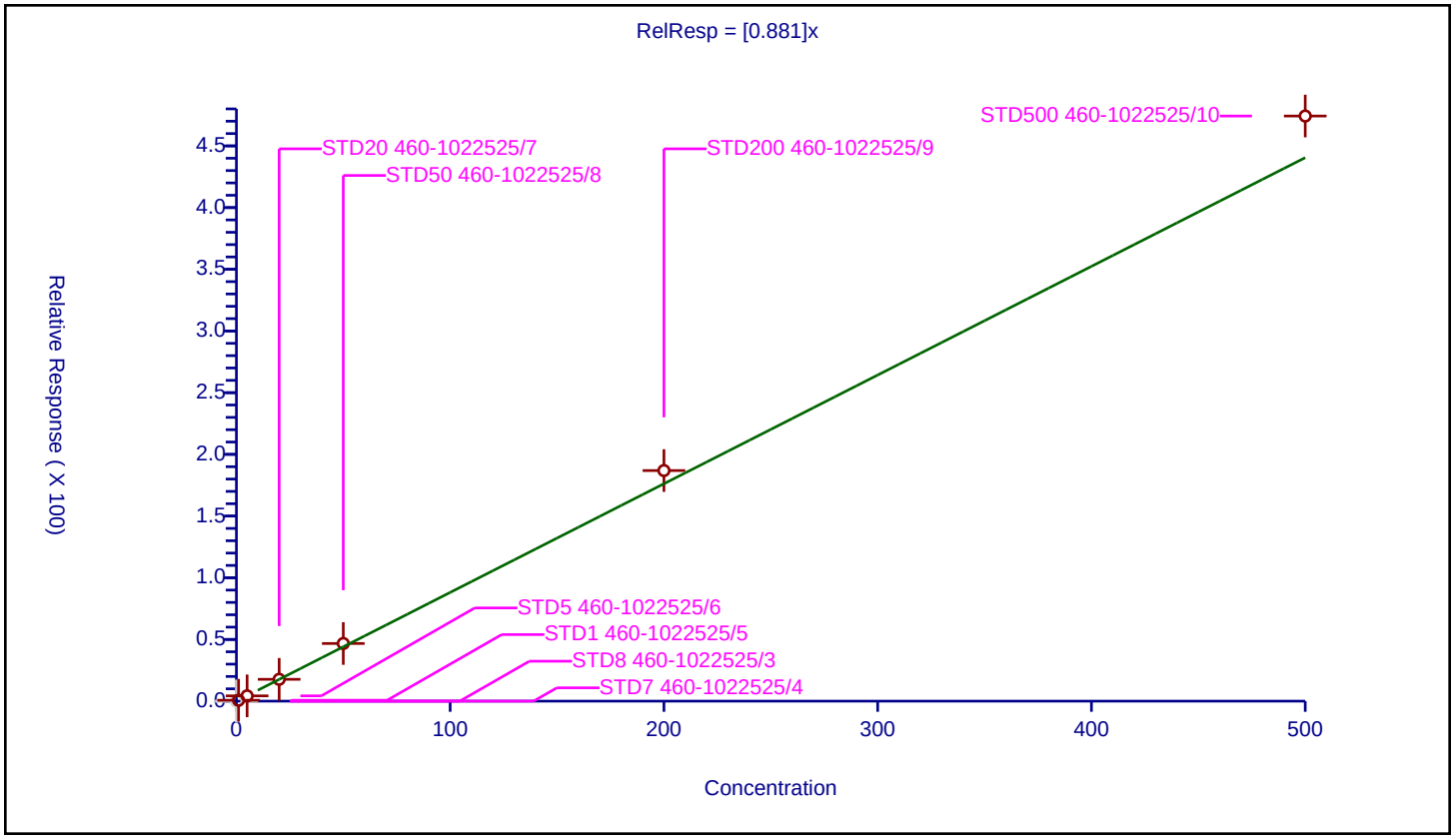
Curve Coefficients

Intercept:	0
Slope:	0.881

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.727254	50.0	228462.0	0.727254	Y
4	STD5 460-1022525/6	5.0	4.281385	50.0	227006.0	0.856277	Y
5	STD20 460-1022525/7	20.0	17.699922	50.0	258213.0	0.884996	Y
6	STD50 460-1022525/8	50.0	46.719487	50.0	277609.0	0.93439	Y
7	STD200 460-1022525/9	200.0	186.882698	50.0	323687.0	0.934413	Y
8	STD500 460-1022525/10	500.0	474.214336	50.0	356291.0	0.948429	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

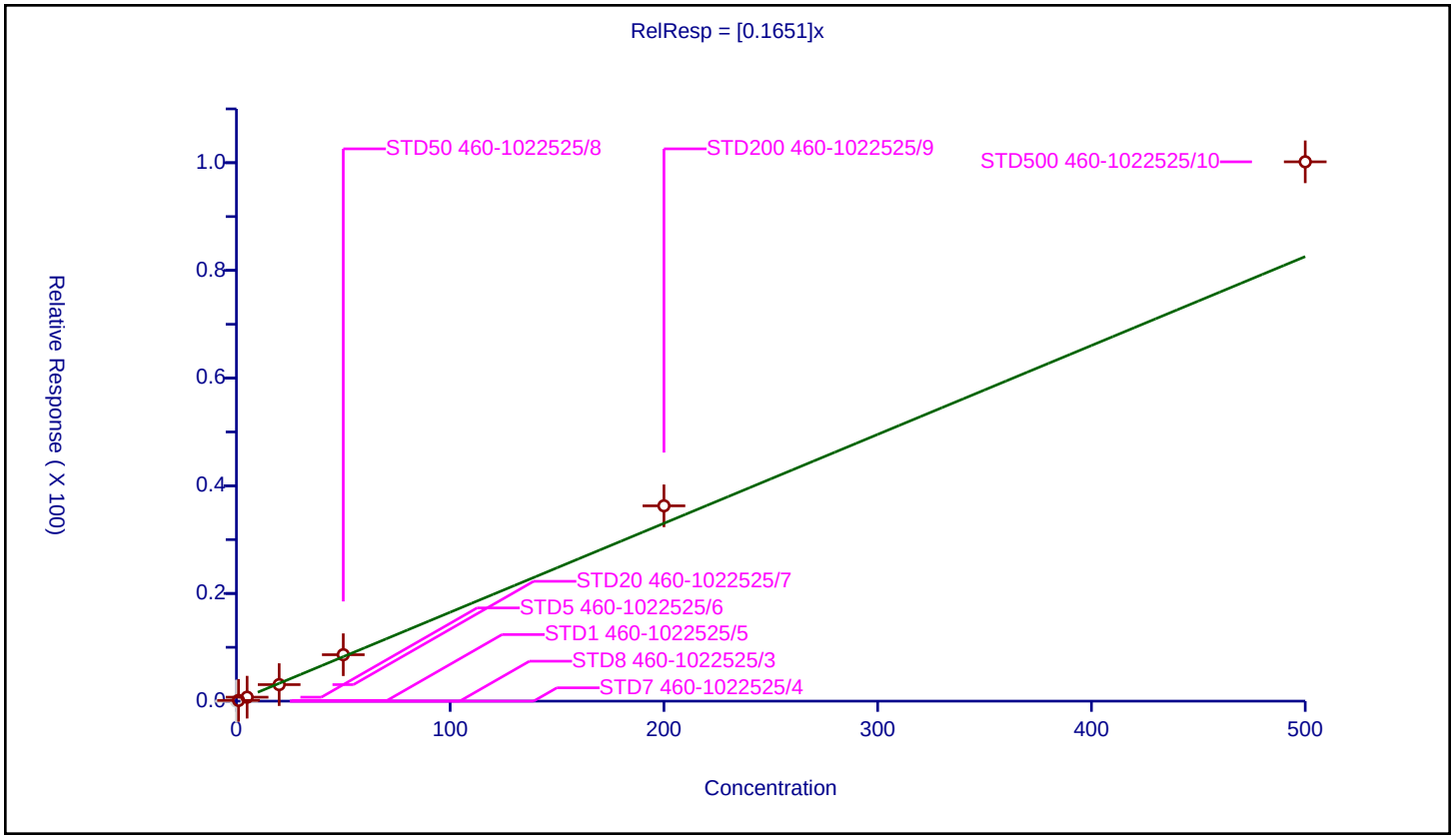
Curve Coefficients

Intercept:	0
Slope:	0.1651

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	0.135909	50.0	228462.0	0.135909	Y
4	STD5 460-1022525/6	5.0	0.736104	50.0	227006.0	0.147221	Y
5	STD20 460-1022525/7	20.0	3.068784	50.0	258213.0	0.153439	Y
6	STD50 460-1022525/8	50.0	8.625081	50.0	277609.0	0.172502	Y
7	STD200 460-1022525/9	200.0	36.279492	50.0	323687.0	0.181397	Y
8	STD500 460-1022525/10	500.0	100.170787	50.0	356291.0	0.200342	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

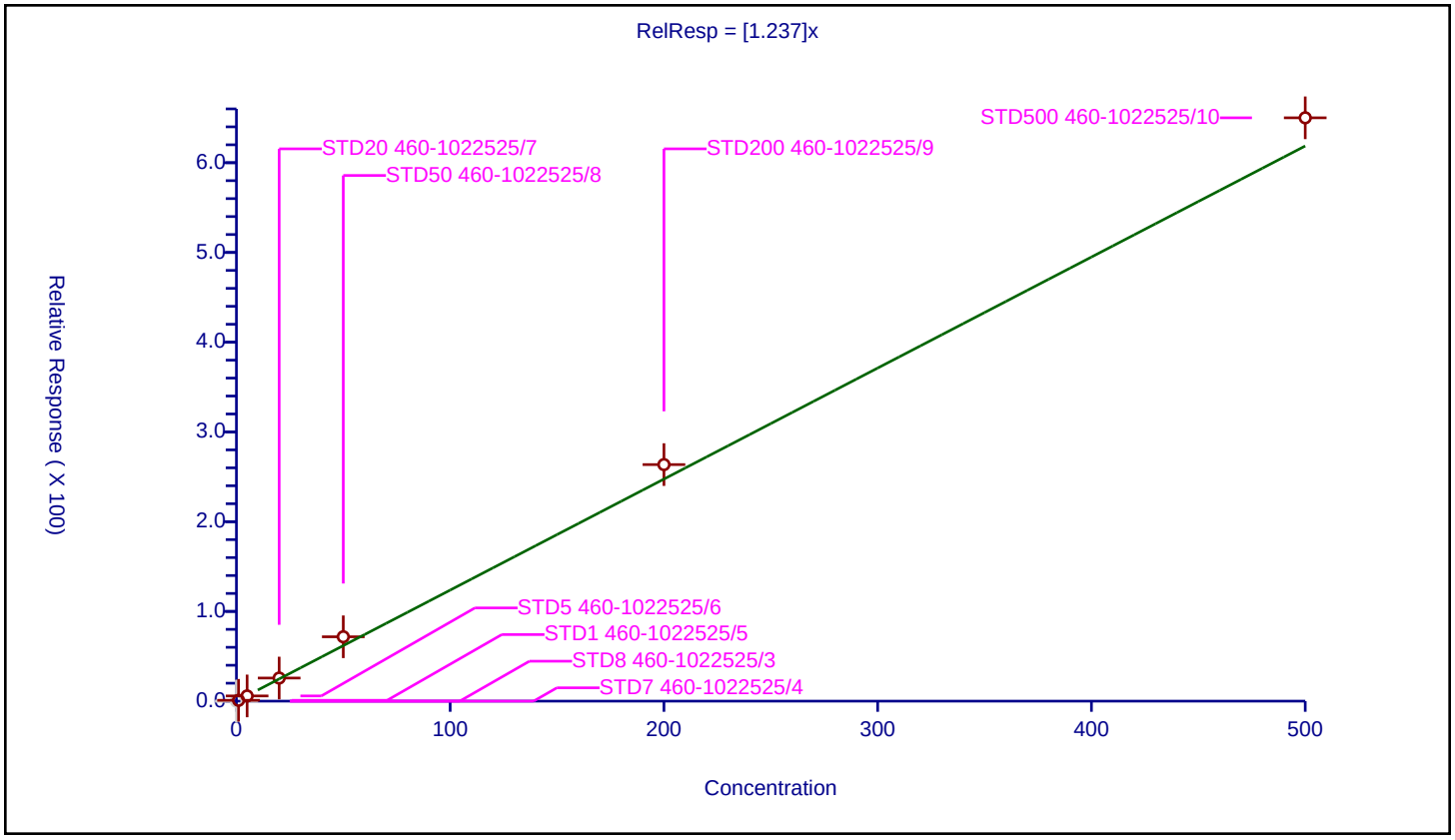
Curve Coefficients

Intercept:	0
Slope:	1.237

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.925571	50.0	153851.0	0.925571	Y
4	STD5 460-1022525/6	5.0	5.791313	50.0	155362.0	1.158263	Y
5	STD20 460-1022525/7	20.0	25.746977	50.0	153385.0	1.287349	Y
6	STD50 460-1022525/8	50.0	71.724797	50.0	157433.0	1.434496	Y
7	STD200 460-1022525/9	200.0	263.603583	50.0	170830.0	1.318018	Y
8	STD500 460-1022525/10	500.0	650.068636	50.0	189406.0	1.300137	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

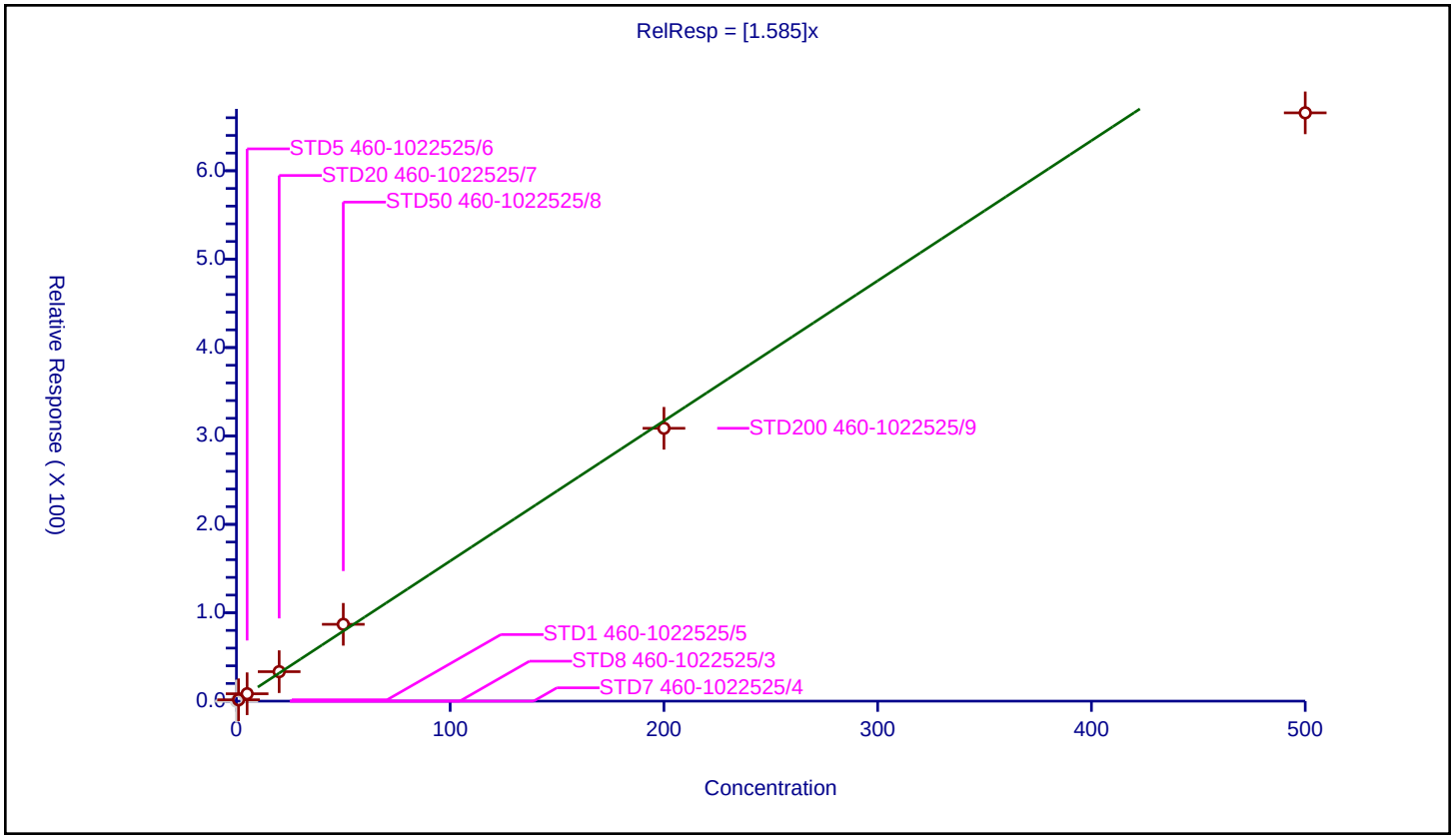
Curve Coefficients

Intercept:	0
Slope:	1.585

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	179335.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	225759.0	0.0	N
3	STD1 460-1022525/5	1.0	1.560216	50.0	228462.0	1.560216	Y
4	STD5 460-1022525/6	5.0	8.360352	50.0	227006.0	1.67207	Y
5	STD20 460-1022525/7	20.0	33.326362	50.0	258213.0	1.666318	Y
6	STD50 460-1022525/8	50.0	86.903883	50.0	277609.0	1.738078	Y
7	STD200 460-1022525/9	200.0	308.685088	50.0	323687.0	1.543425	Y
8	STD500 460-1022525/10	500.0	665.528599	50.0	356291.0	1.331057	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

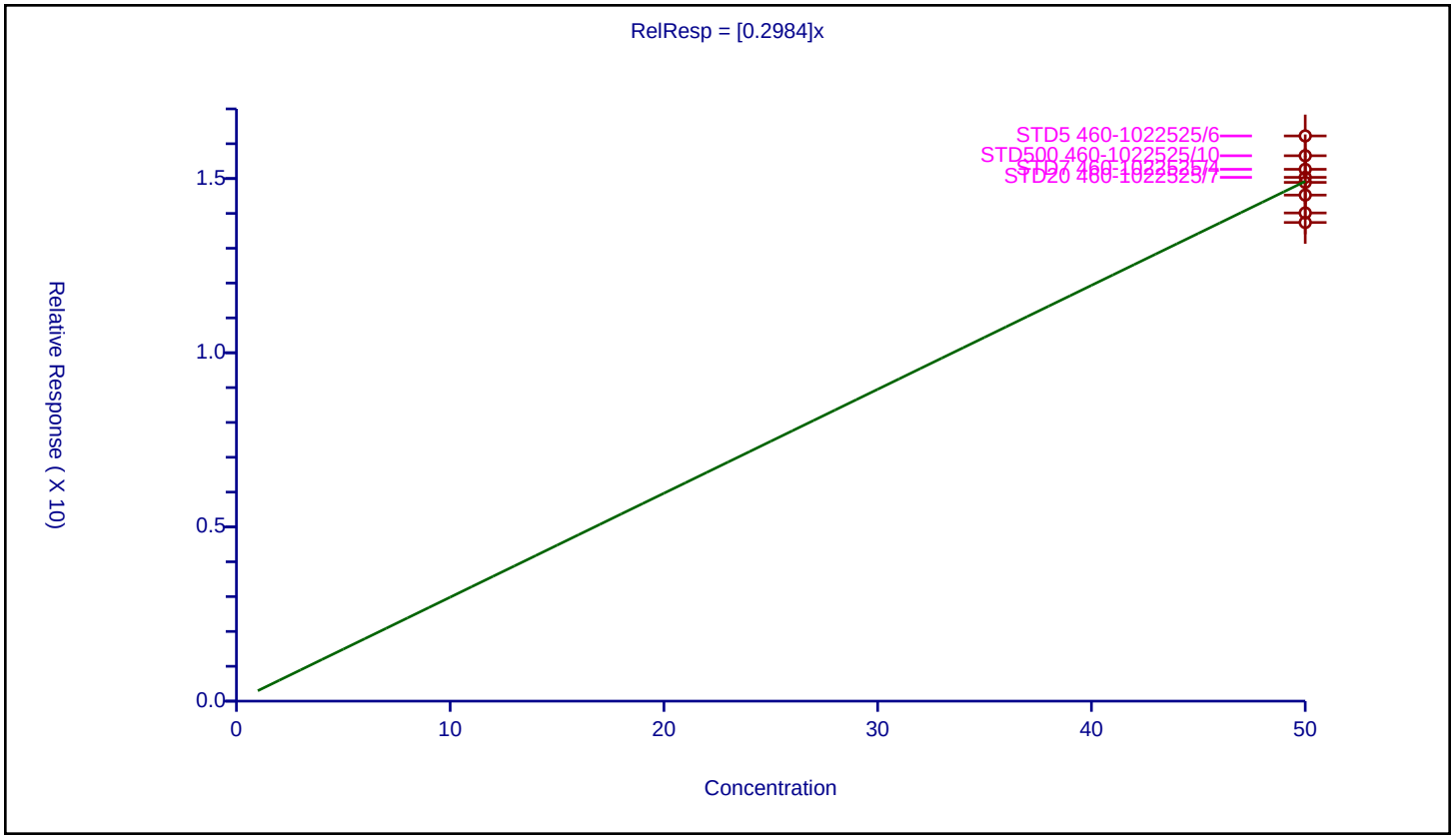
Curve Coefficients

Intercept:	0
Slope:	0.2984

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1022525/3	50.0	14.526331	50.0	225759.0	0.290527	Y
2	STD7 460-1022525/4	50.0	15.265843	50.0	179335.0	0.305317	Y
3	STD1 460-1022525/5	50.0	14.890441	50.0	228462.0	0.297809	Y
4	STD5 460-1022525/6	50.0	16.224241	50.0	227006.0	0.324485	Y
5	STD20 460-1022525/7	50.0	15.034874	50.0	258213.0	0.300697	Y
6	STD50 460-1022525/8	50.0	14.013054	50.0	277609.0	0.280261	Y
7	STD200 460-1022525/9	50.0	13.739199	50.0	323687.0	0.274784	Y
8	STD500 460-1022525/10	50.0	15.655461	50.0	356291.0	0.313109	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

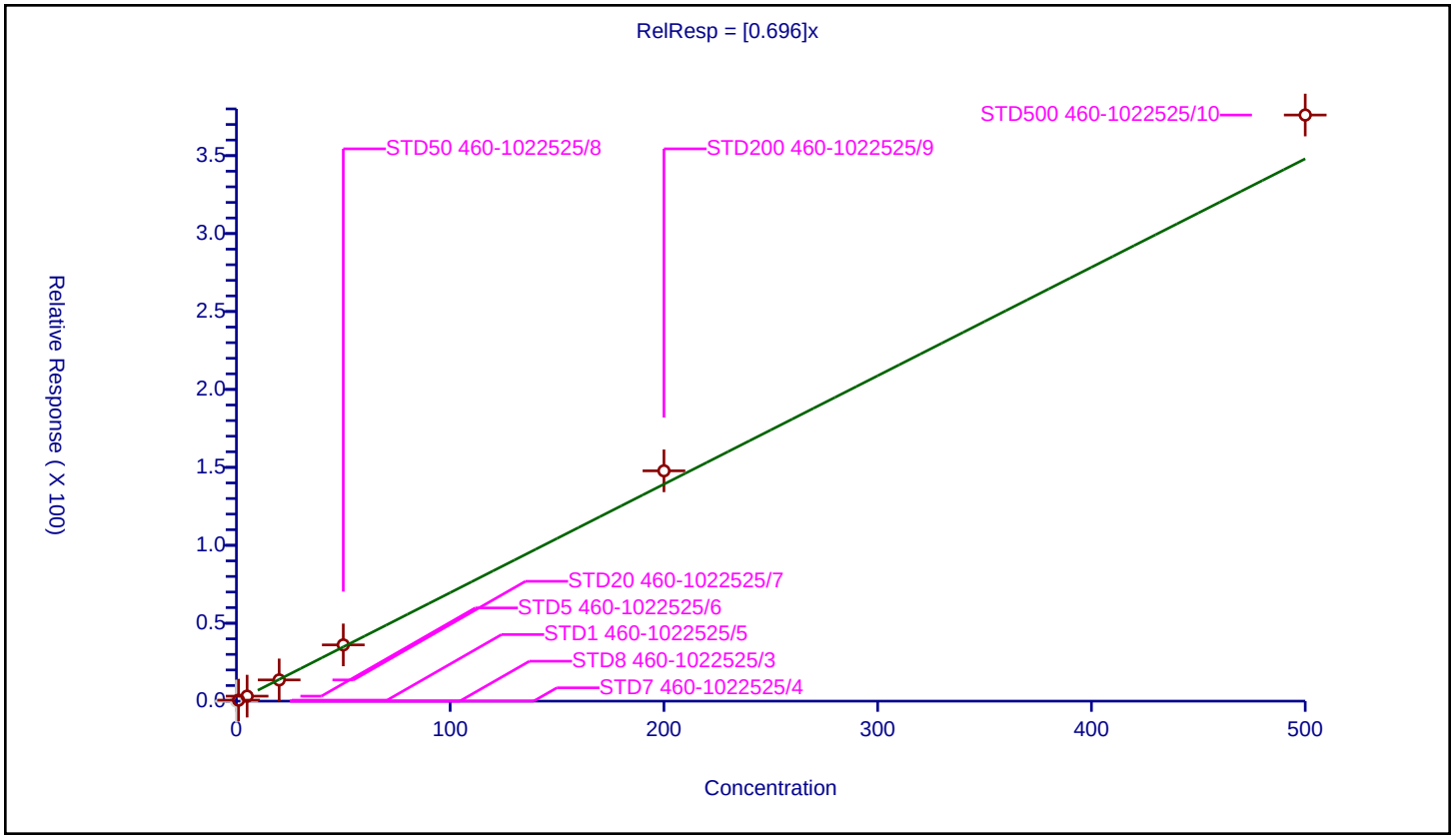
Curve Coefficients

Intercept:	0
Slope:	0.696

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.641855	50.0	153851.0	0.641855	Y
4	STD5 460-1022525/6	5.0	3.203164	50.0	155362.0	0.640633	Y
5	STD20 460-1022525/7	20.0	13.615412	50.0	153385.0	0.680771	Y
6	STD50 460-1022525/8	50.0	36.07884	50.0	157433.0	0.721577	Y
7	STD200 460-1022525/9	200.0	147.776444	50.0	170830.0	0.738882	Y
8	STD500 460-1022525/10	500.0	376.0657	50.0	189406.0	0.752131	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

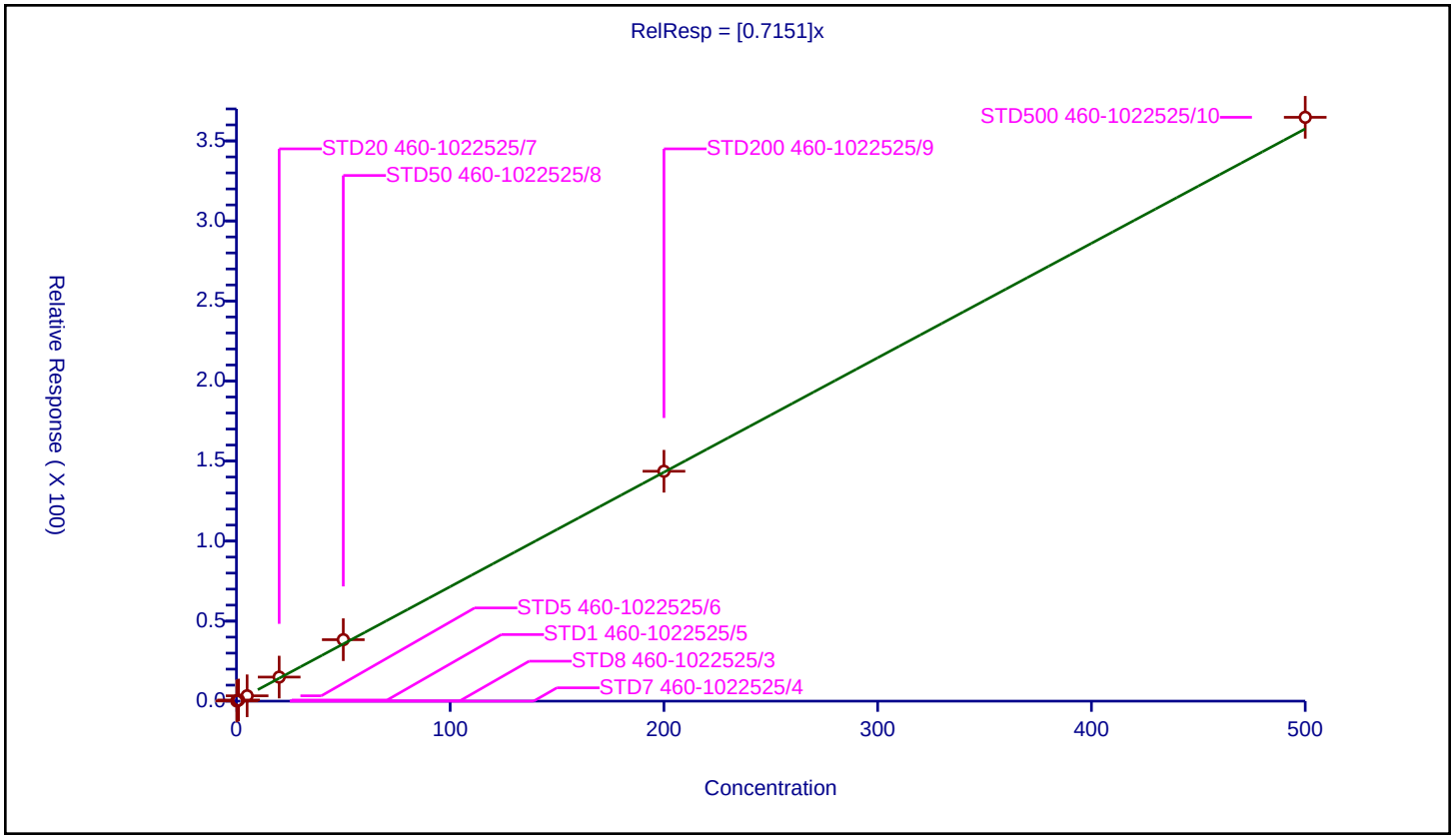
Curve Coefficients

Intercept:	0
Slope:	0.7151

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.134258	50.0	144870.0	0.671292	Y
3	STD1 460-1022525/5	1.0	0.698728	50.0	153851.0	0.698728	Y
4	STD5 460-1022525/6	5.0	3.339942	50.0	155362.0	0.667988	Y
5	STD20 460-1022525/7	20.0	15.040584	50.0	153385.0	0.752029	Y
6	STD50 460-1022525/8	50.0	38.387759	50.0	157433.0	0.767755	Y
7	STD200 460-1022525/9	200.0	143.626412	50.0	170830.0	0.718132	Y
8	STD500 460-1022525/10	500.0	364.750061	50.0	189406.0	0.7295	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

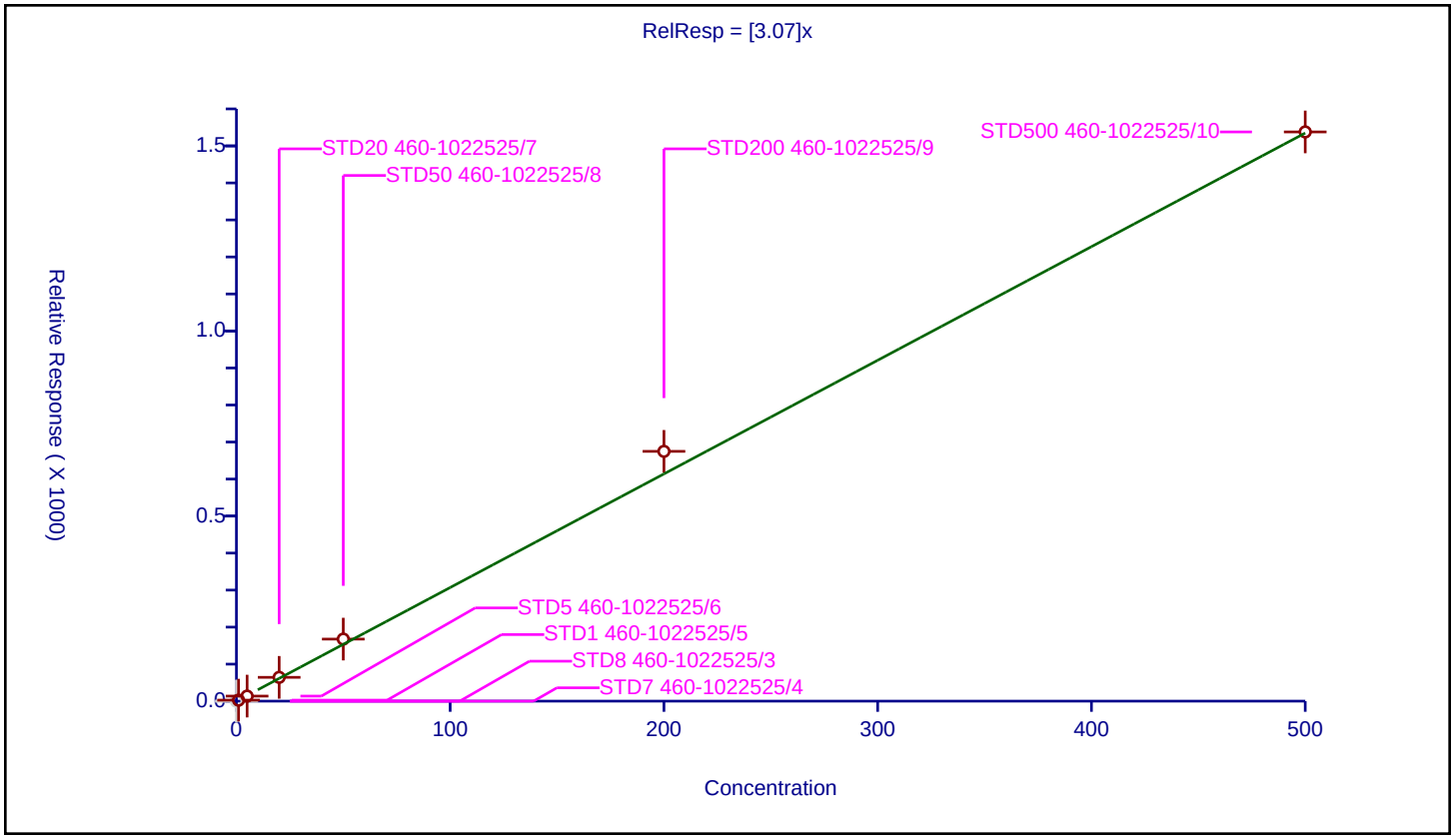
Curve Coefficients

Intercept:	0
Slope:	3.07

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.669141	50.0	153851.0	2.669141	Y
4	STD5 460-1022525/6	5.0	13.657136	50.0	155362.0	2.731427	Y
5	STD20 460-1022525/7	20.0	64.290511	50.0	153385.0	3.214526	Y
6	STD50 460-1022525/8	50.0	167.618924	50.0	157433.0	3.352378	Y
7	STD200 460-1022525/9	200.0	674.844875	50.0	170830.0	3.374224	Y
8	STD500 460-1022525/10	500.0	1537.778898	50.0	189406.0	3.075558	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

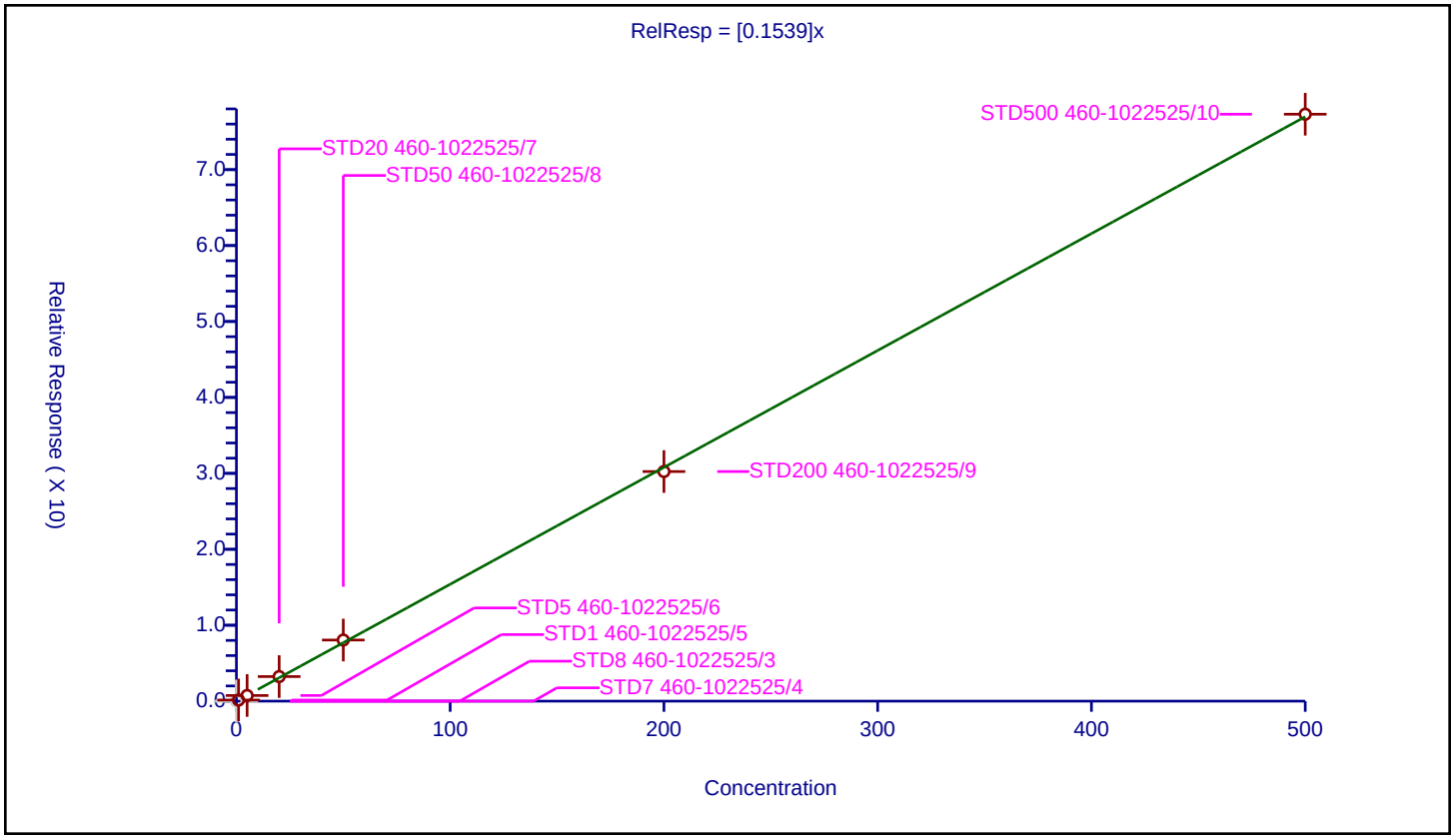
Curve Coefficients

Intercept:	0
Slope:	0.1539

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.14657	50.0	153851.0	0.14657	Y
4	STD5 460-1022525/6	5.0	0.742138	50.0	155362.0	0.148428	Y
5	STD20 460-1022525/7	20.0	3.236953	50.0	153385.0	0.161848	Y
6	STD50 460-1022525/8	50.0	8.049456	50.0	157433.0	0.160989	Y
7	STD200 460-1022525/9	200.0	30.239712	50.0	170830.0	0.151199	Y
8	STD500 460-1022525/10	500.0	77.299294	50.0	189406.0	0.154599	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

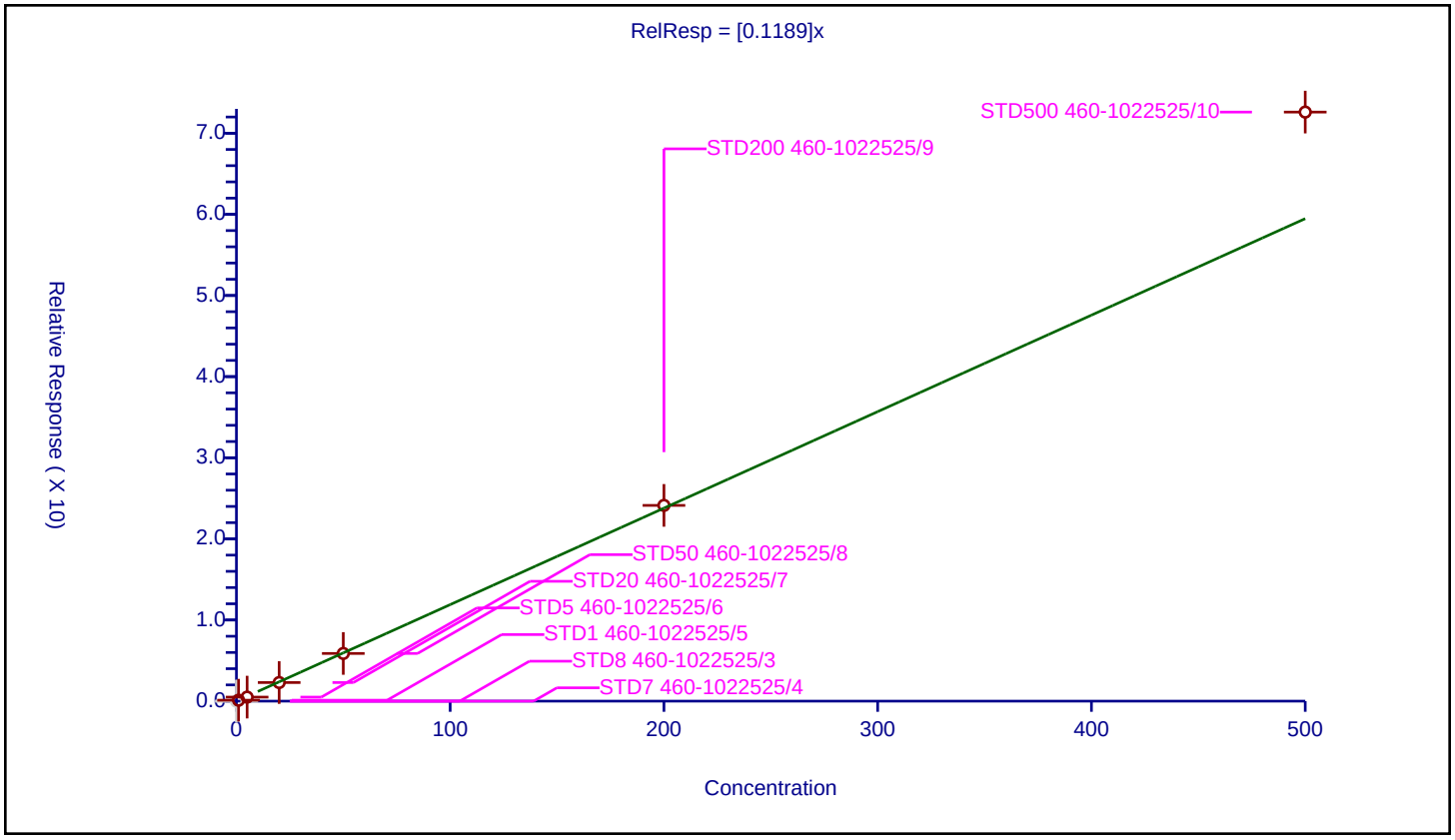
Curve Coefficients

Intercept:	0
Slope:	0.1189

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.116346	50.0	153851.0	0.116346	Y
4	STD5 460-1022525/6	5.0	0.49626	50.0	155362.0	0.099252	Y
5	STD20 460-1022525/7	20.0	2.292923	50.0	153385.0	0.114646	Y
6	STD50 460-1022525/8	50.0	5.878056	50.0	157433.0	0.117561	Y
7	STD200 460-1022525/9	200.0	24.126324	50.0	170830.0	0.120632	Y
8	STD500 460-1022525/10	500.0	72.604881	50.0	189406.0	0.14521	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

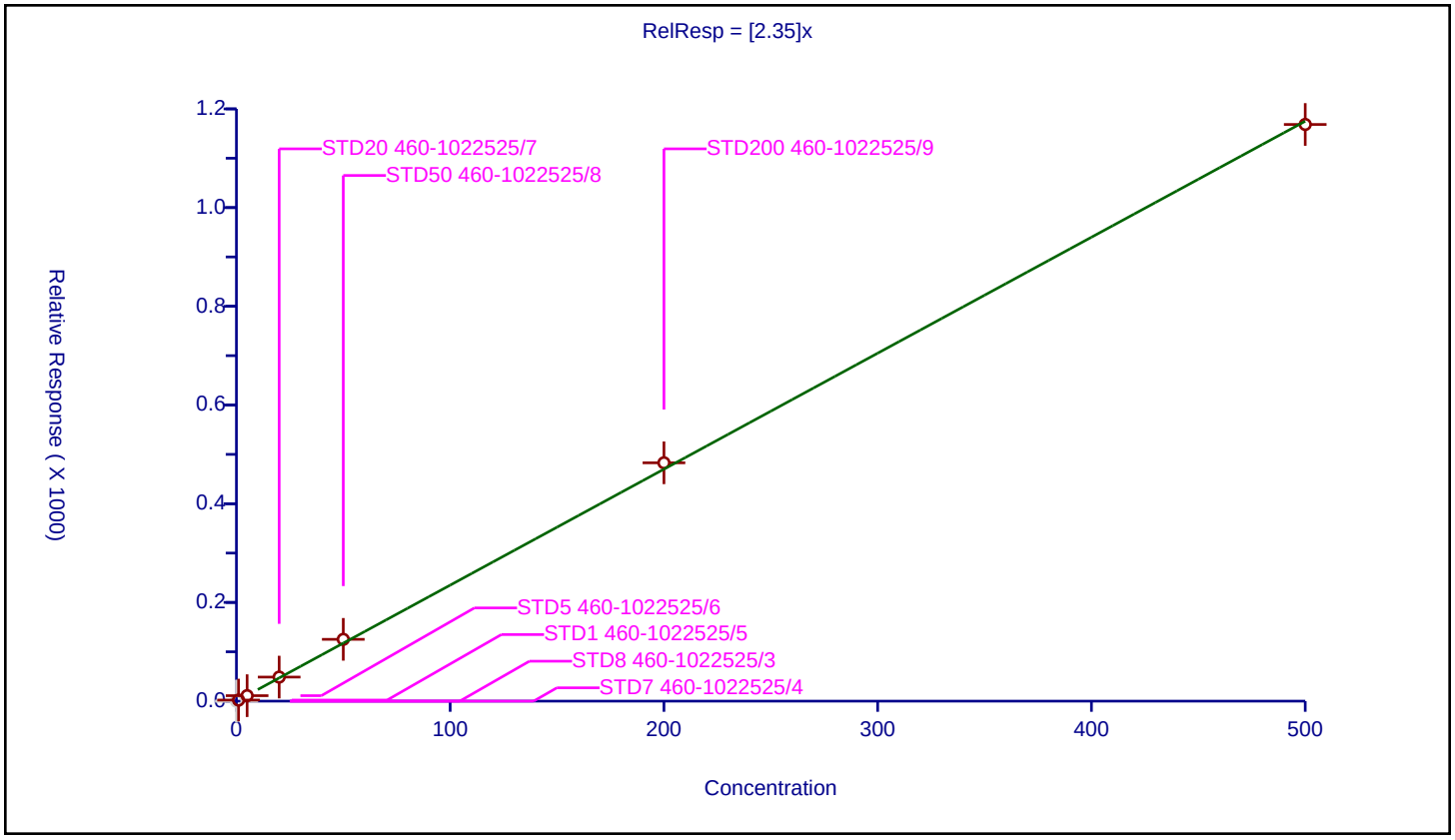
Curve Coefficients

Intercept:	0
Slope:	2.35

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.187181	50.0	153851.0	2.187181	Y
4	STD5 460-1022525/6	5.0	11.101492	50.0	155362.0	2.220298	Y
5	STD20 460-1022525/7	20.0	48.731949	50.0	153385.0	2.436597	Y
6	STD50 460-1022525/8	50.0	125.222158	50.0	157433.0	2.504443	Y
7	STD200 460-1022525/9	200.0	482.92074	50.0	170830.0	2.414604	Y
8	STD500 460-1022525/10	500.0	1168.406492	50.0	189406.0	2.336813	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

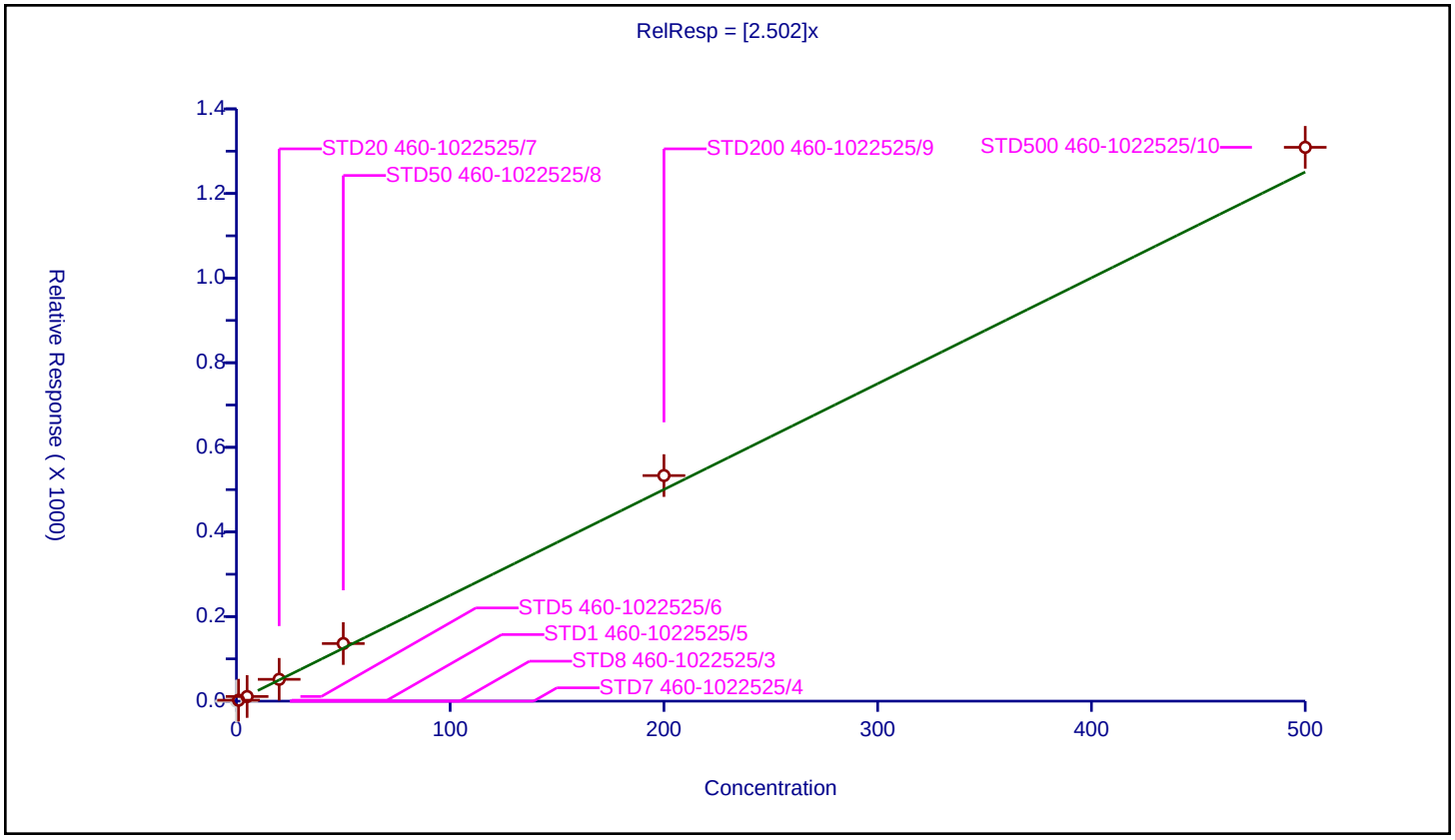
Curve Coefficients

Intercept:	0
Slope:	2.502

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.231055	50.0	153851.0	2.231055	Y
4	STD5 460-1022525/6	5.0	10.954738	50.0	155362.0	2.190948	Y
5	STD20 460-1022525/7	20.0	51.606415	50.0	153385.0	2.580321	Y
6	STD50 460-1022525/8	50.0	136.130608	50.0	157433.0	2.722612	Y
7	STD200 460-1022525/9	200.0	533.233039	50.0	170830.0	2.666165	Y
8	STD500 460-1022525/10	500.0	1309.148073	50.0	189406.0	2.618296	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

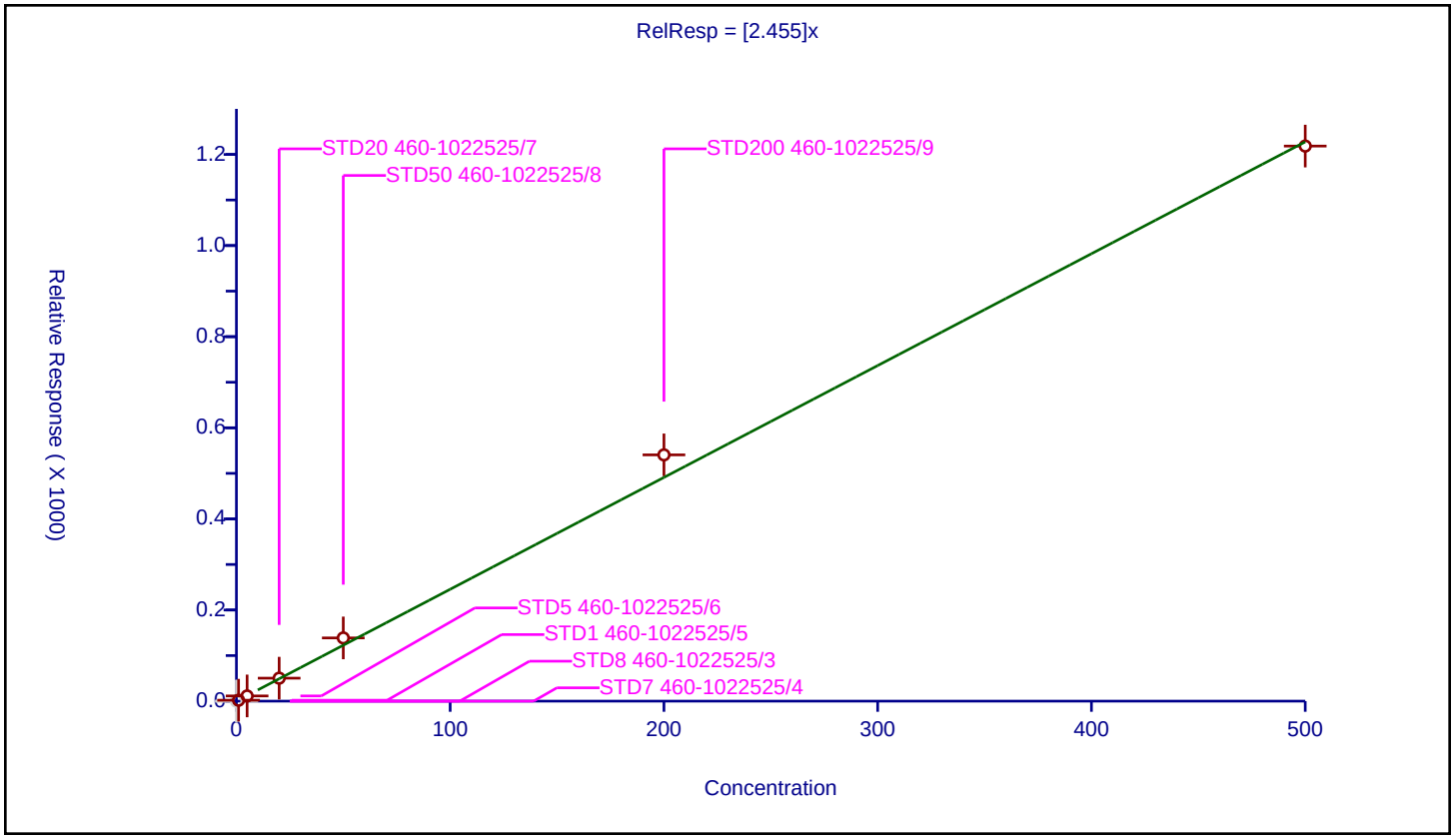
Curve Coefficients

Intercept:	0
Slope:	2.455

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.012337	50.0	153851.0	2.012337	Y
4	STD5 460-1022525/6	5.0	11.414953	50.0	155362.0	2.282991	Y
5	STD20 460-1022525/7	20.0	50.437461	50.0	153385.0	2.521873	Y
6	STD50 460-1022525/8	50.0	138.738702	50.0	157433.0	2.774774	Y
7	STD200 460-1022525/9	200.0	540.547328	50.0	170830.0	2.702737	Y
8	STD500 460-1022525/10	500.0	1218.373494	50.0	189406.0	2.436747	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

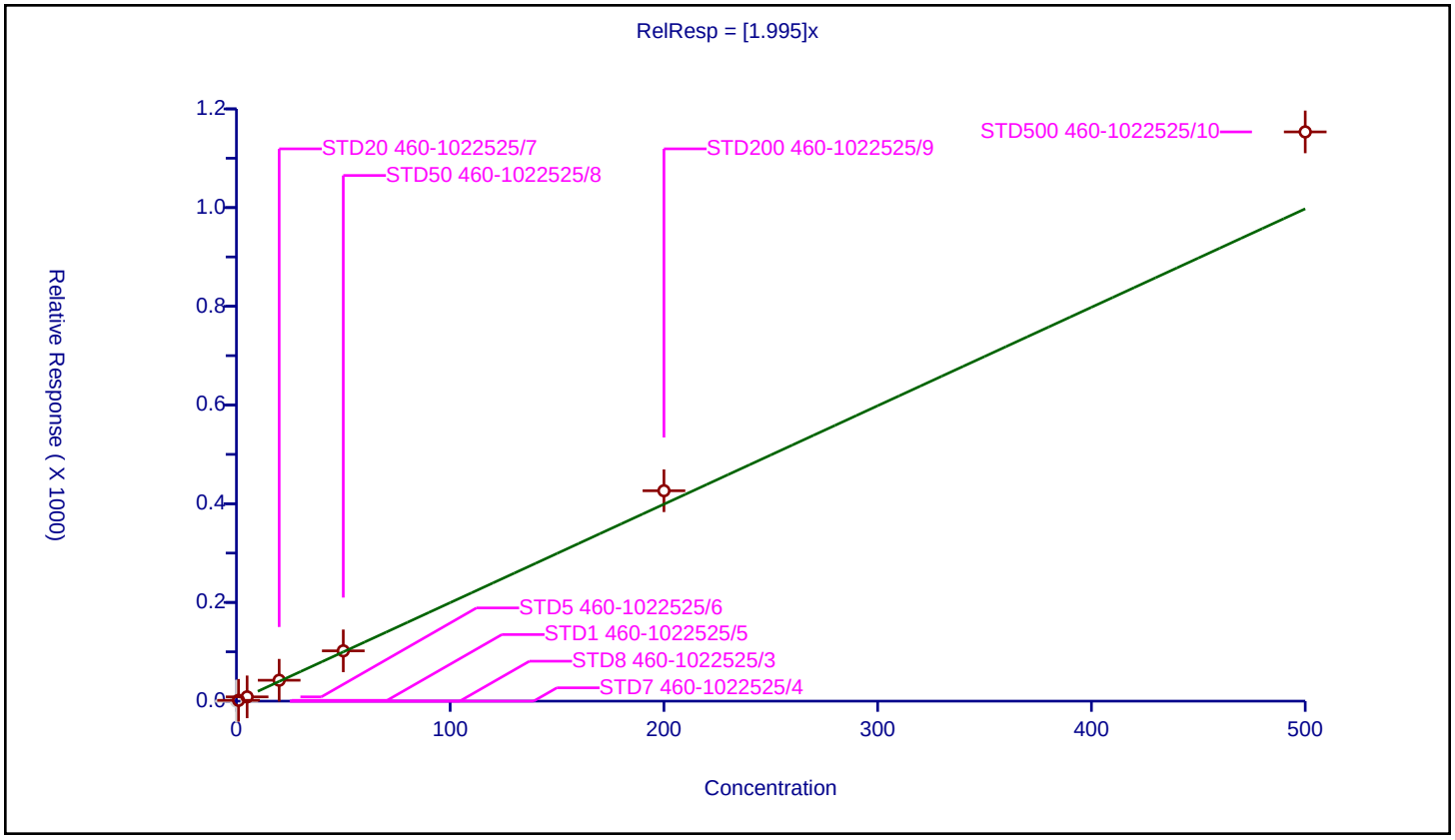
Curve Coefficients

Intercept:	0
Slope:	1.995

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.639248	50.0	153851.0	1.639248	Y
4	STD5 460-1022525/6	5.0	8.683912	50.0	155362.0	1.736782	Y
5	STD20 460-1022525/7	20.0	42.359422	50.0	153385.0	2.117971	Y
6	STD50 460-1022525/8	50.0	101.92971	50.0	157433.0	2.038594	Y
7	STD200 460-1022525/9	200.0	426.298659	50.0	170830.0	2.131493	Y
8	STD500 460-1022525/10	500.0	1153.358922	50.0	189406.0	2.306718	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

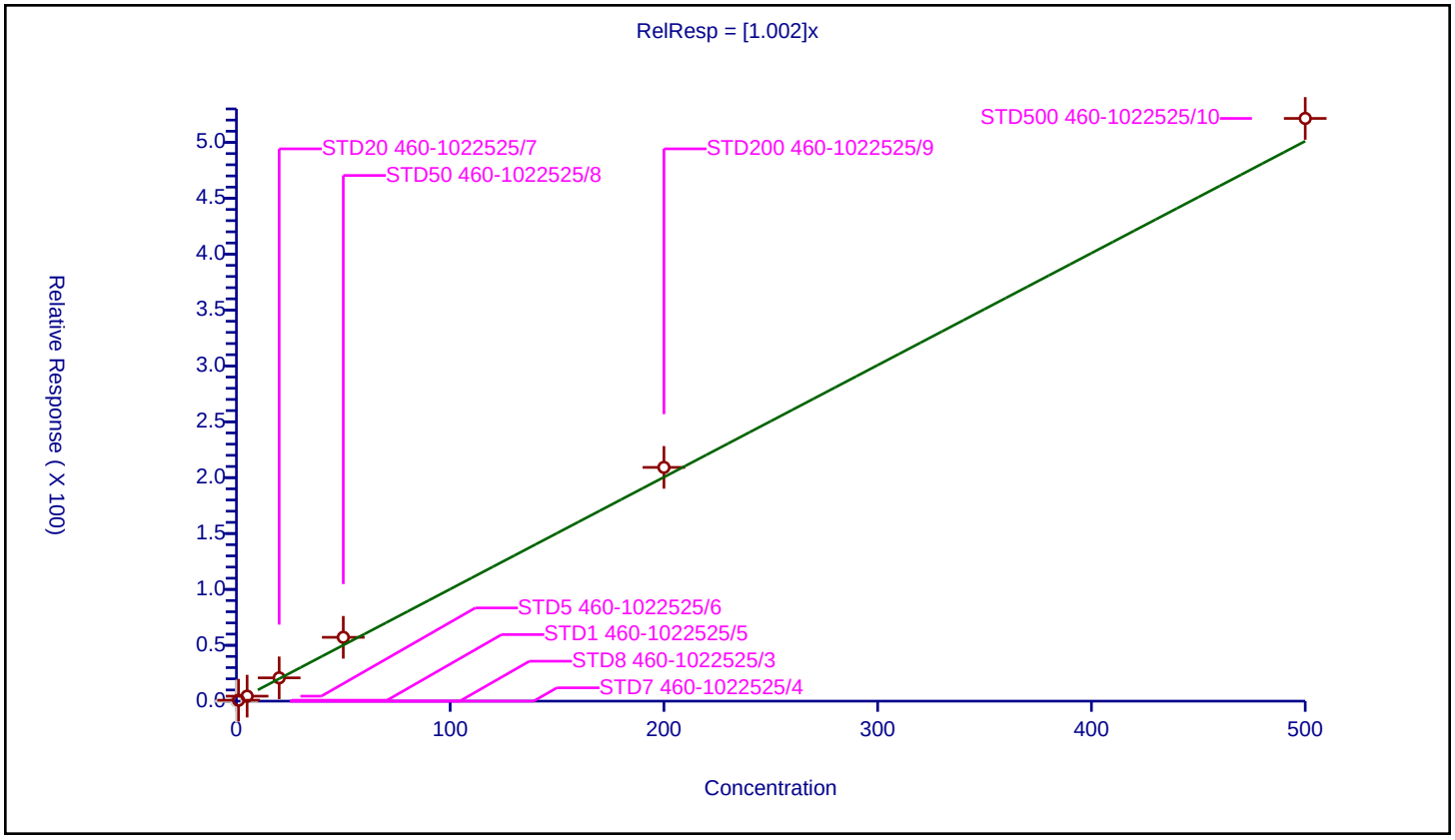
Curve Coefficients

Intercept:	0
Slope:	1.002

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.848548	50.0	153851.0	0.848548	Y
4	STD5 460-1022525/6	5.0	4.457654	50.0	155362.0	0.891531	Y
5	STD20 460-1022525/7	20.0	20.841021	50.0	153385.0	1.042051	Y
6	STD50 460-1022525/8	50.0	57.127476	50.0	157433.0	1.14255	Y
7	STD200 460-1022525/9	200.0	209.19657	50.0	170830.0	1.045983	Y
8	STD500 460-1022525/10	500.0	521.472921	50.0	189406.0	1.042946	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

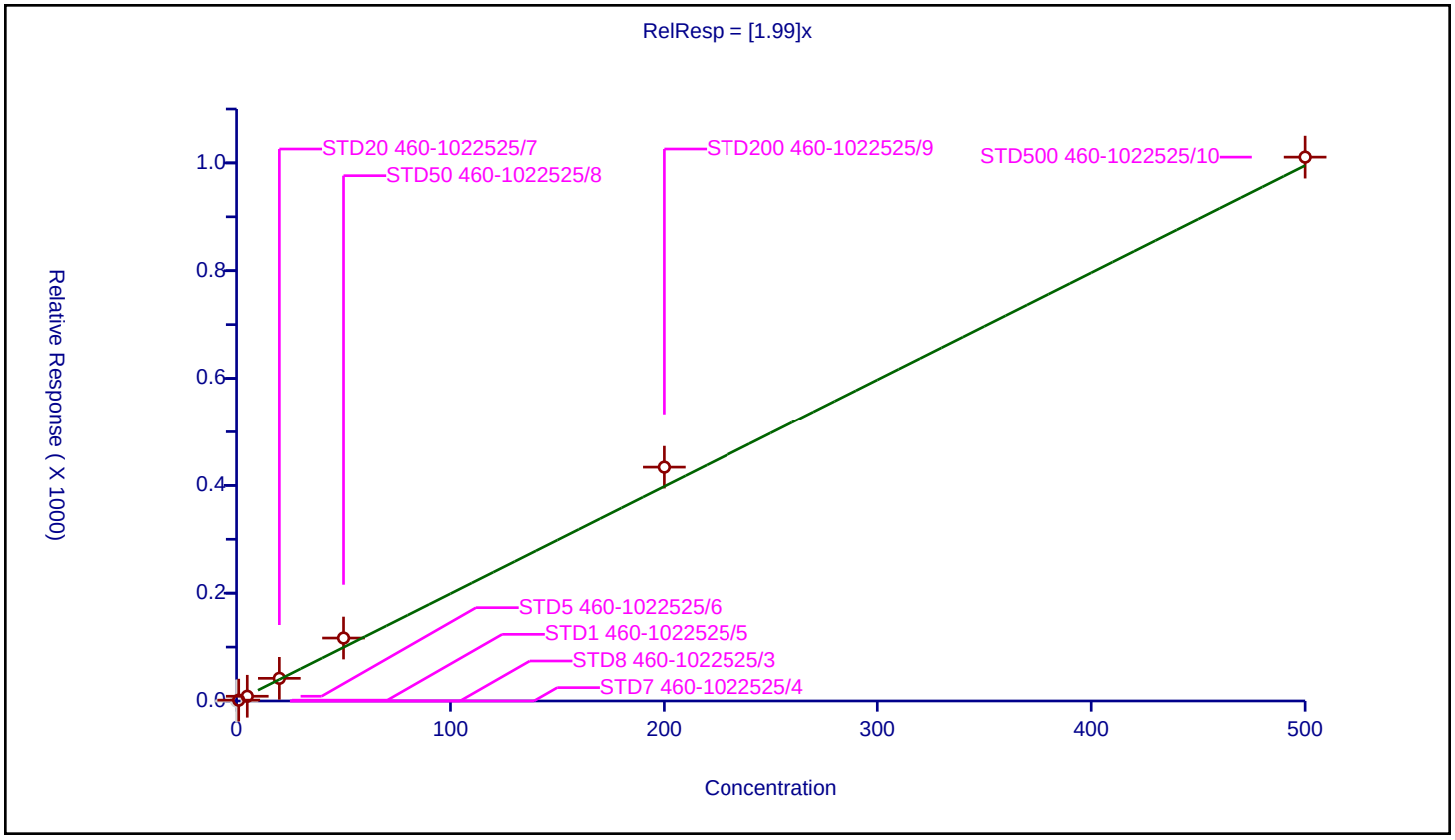
Curve Coefficients

Intercept:	0
Slope:	1.99

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.554751	50.0	153851.0	1.554751	Y
4	STD5 460-1022525/6	5.0	8.800093	50.0	155362.0	1.760019	Y
5	STD20 460-1022525/7	20.0	42.036705	50.0	153385.0	2.101835	Y
6	STD50 460-1022525/8	50.0	116.762686	50.0	157433.0	2.335254	Y
7	STD200 460-1022525/9	200.0	433.889832	50.0	170830.0	2.169449	Y
8	STD500 460-1022525/10	500.0	1010.740156	50.0	189406.0	2.02148	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

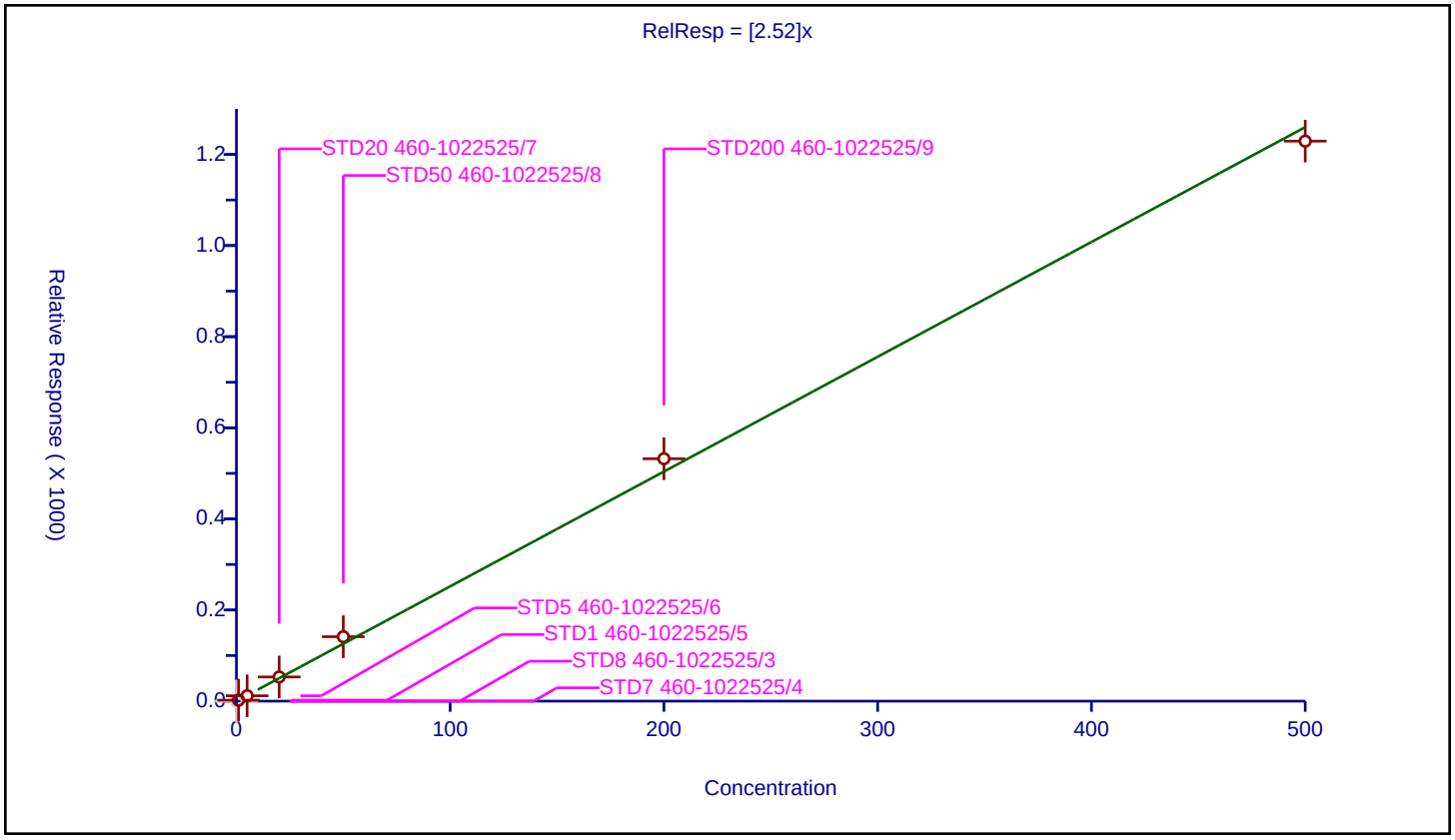
Curve Coefficients

Intercept:	0
Slope:	2.52

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.160532	50.0	153851.0	2.160532	Y
4	STD5 460-1022525/6	5.0	11.787631	50.0	155362.0	2.357526	Y
5	STD20 460-1022525/7	20.0	53.059295	50.0	153385.0	2.652965	Y
6	STD50 460-1022525/8	50.0	141.409997	50.0	157433.0	2.8282	Y
7	STD200 460-1022525/9	200.0	532.090382	50.0	170830.0	2.660452	Y
8	STD500 460-1022525/10	500.0	1229.235346	50.0	189406.0	2.458471	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

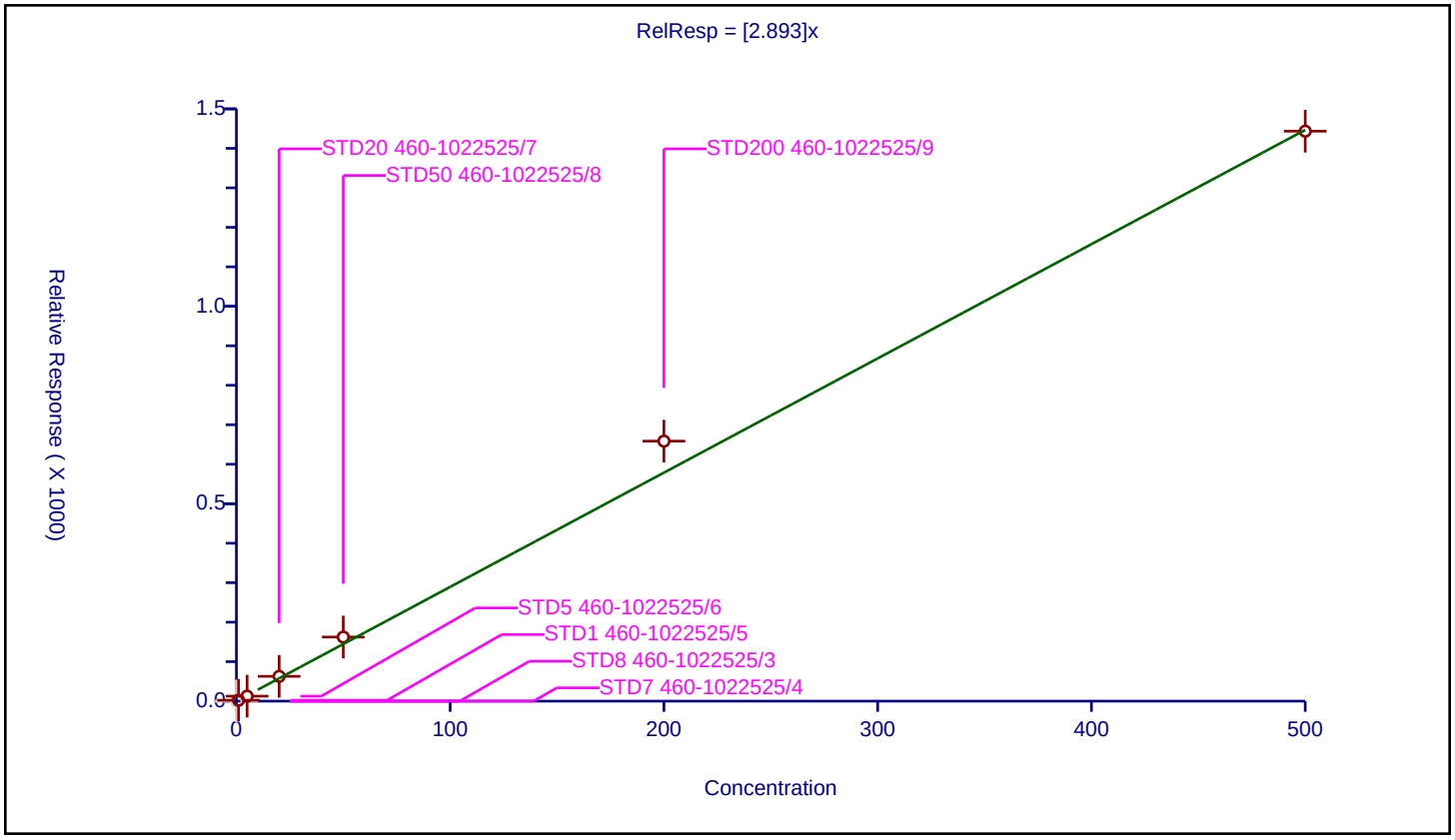
Curve Coefficients

Intercept:	0
Slope:	2.893

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.262579	50.0	153851.0	2.262579	Y
4	STD5 460-1022525/6	5.0	12.644984	50.0	155362.0	2.528997	Y
5	STD20 460-1022525/7	20.0	62.860775	50.0	153385.0	3.143039	Y
6	STD50 460-1022525/8	50.0	162.300471	50.0	157433.0	3.246009	Y
7	STD200 460-1022525/9	200.0	658.519874	50.0	170830.0	3.292599	Y
8	STD500 460-1022525/10	500.0	1443.460608	50.0	189406.0	2.886921	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

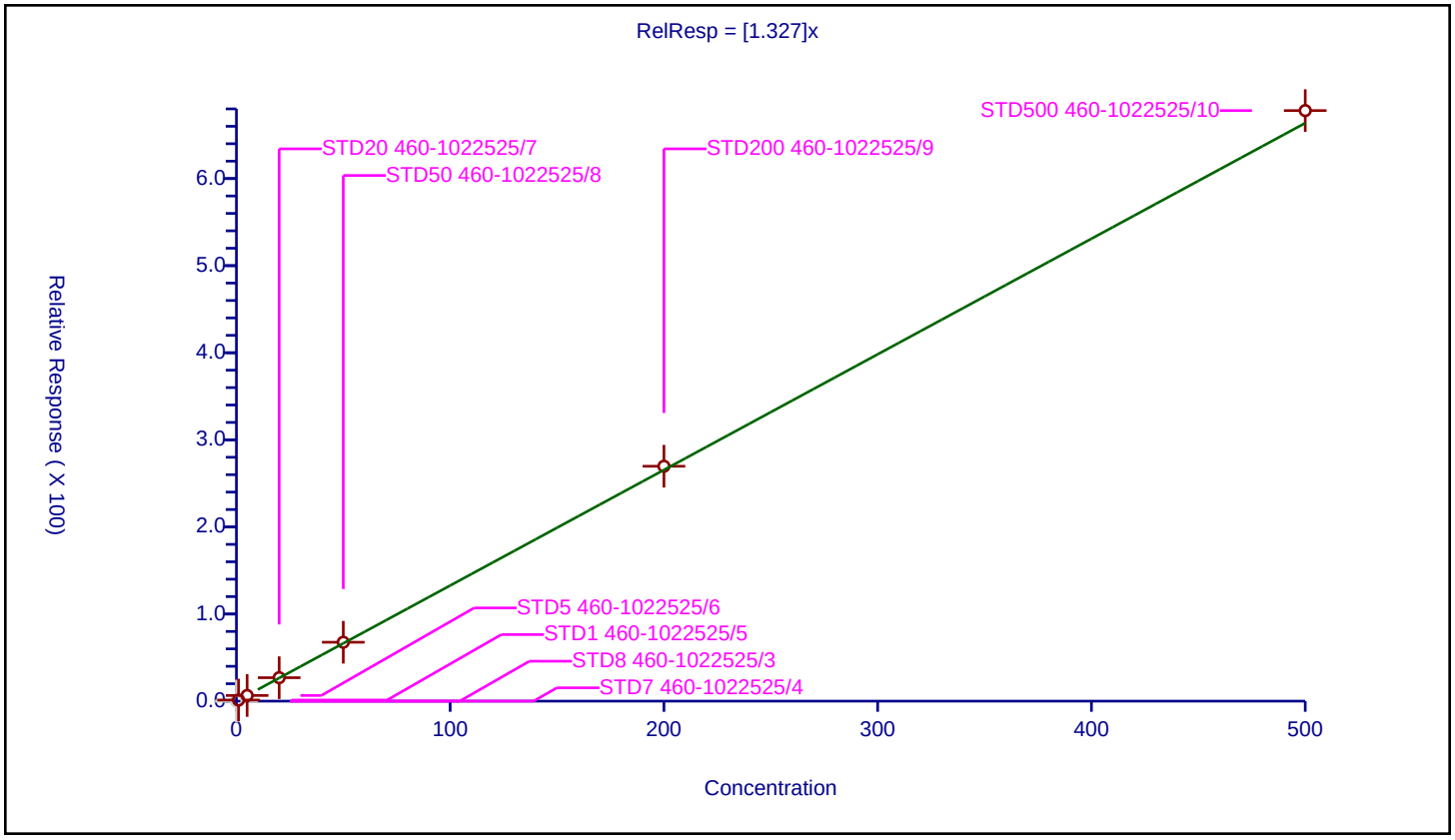
Curve Coefficients

Intercept:	0
Slope:	1.327

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.261935	50.0	153851.0	1.261935	Y
4	STD5 460-1022525/6	5.0	6.492257	50.0	155362.0	1.298451	Y
5	STD20 460-1022525/7	20.0	26.939401	50.0	153385.0	1.34697	Y
6	STD50 460-1022525/8	50.0	67.626228	50.0	157433.0	1.352525	Y
7	STD200 460-1022525/9	200.0	269.690921	50.0	170830.0	1.348455	Y
8	STD500 460-1022525/10	500.0	678.036863	50.0	189406.0	1.356074	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

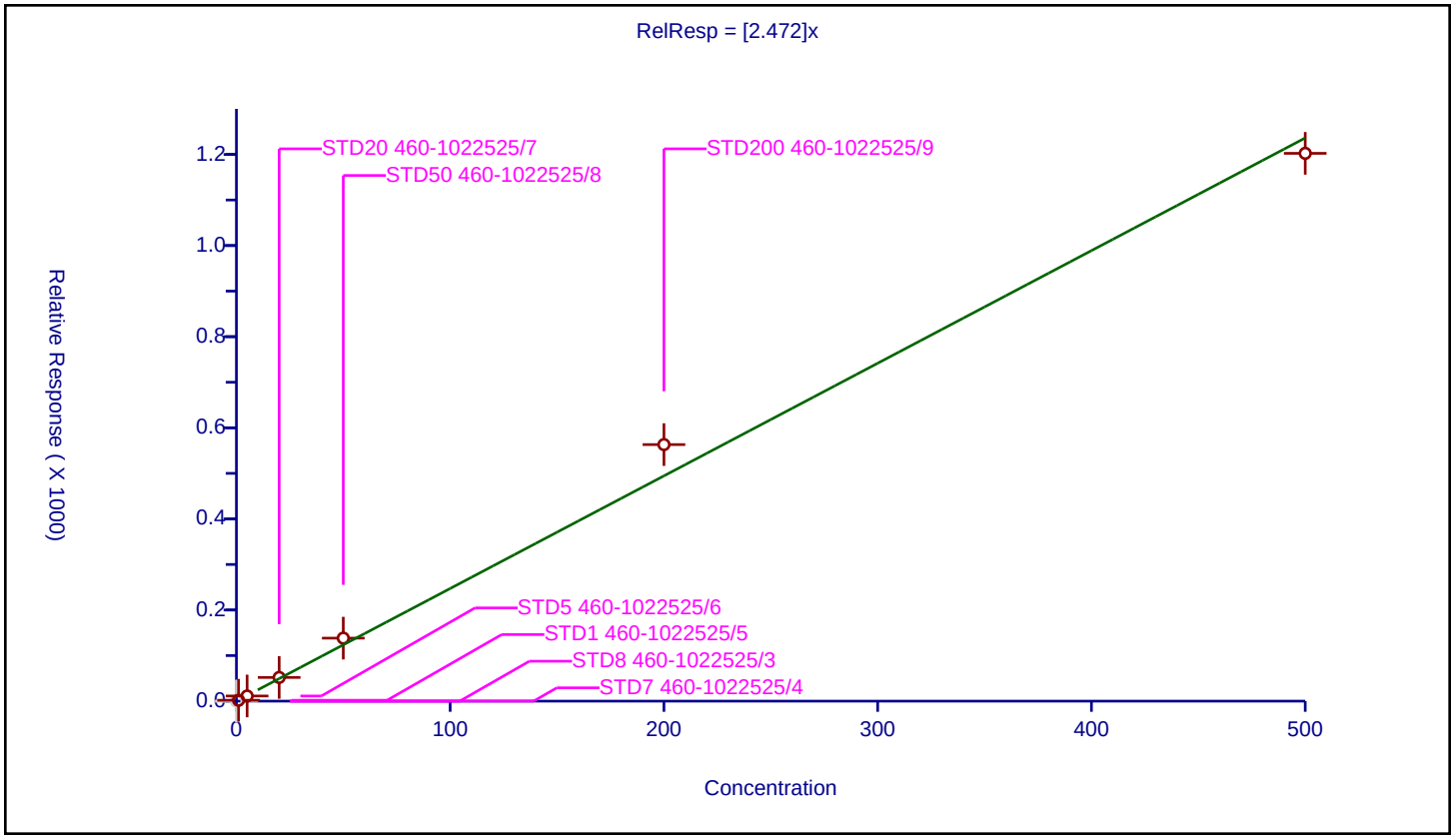
Curve Coefficients

Intercept:	0
Slope:	2.472

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.986662	50.0	153851.0	1.986662	Y
4	STD5 460-1022525/6	5.0	11.29652	50.0	155362.0	2.259304	Y
5	STD20 460-1022525/7	20.0	52.018776	50.0	153385.0	2.600939	Y
6	STD50 460-1022525/8	50.0	138.320428	50.0	157433.0	2.766409	Y
7	STD200 460-1022525/9	200.0	563.116841	50.0	170830.0	2.815584	Y
8	STD500 460-1022525/10	500.0	1202.408847	50.0	189406.0	2.404818	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

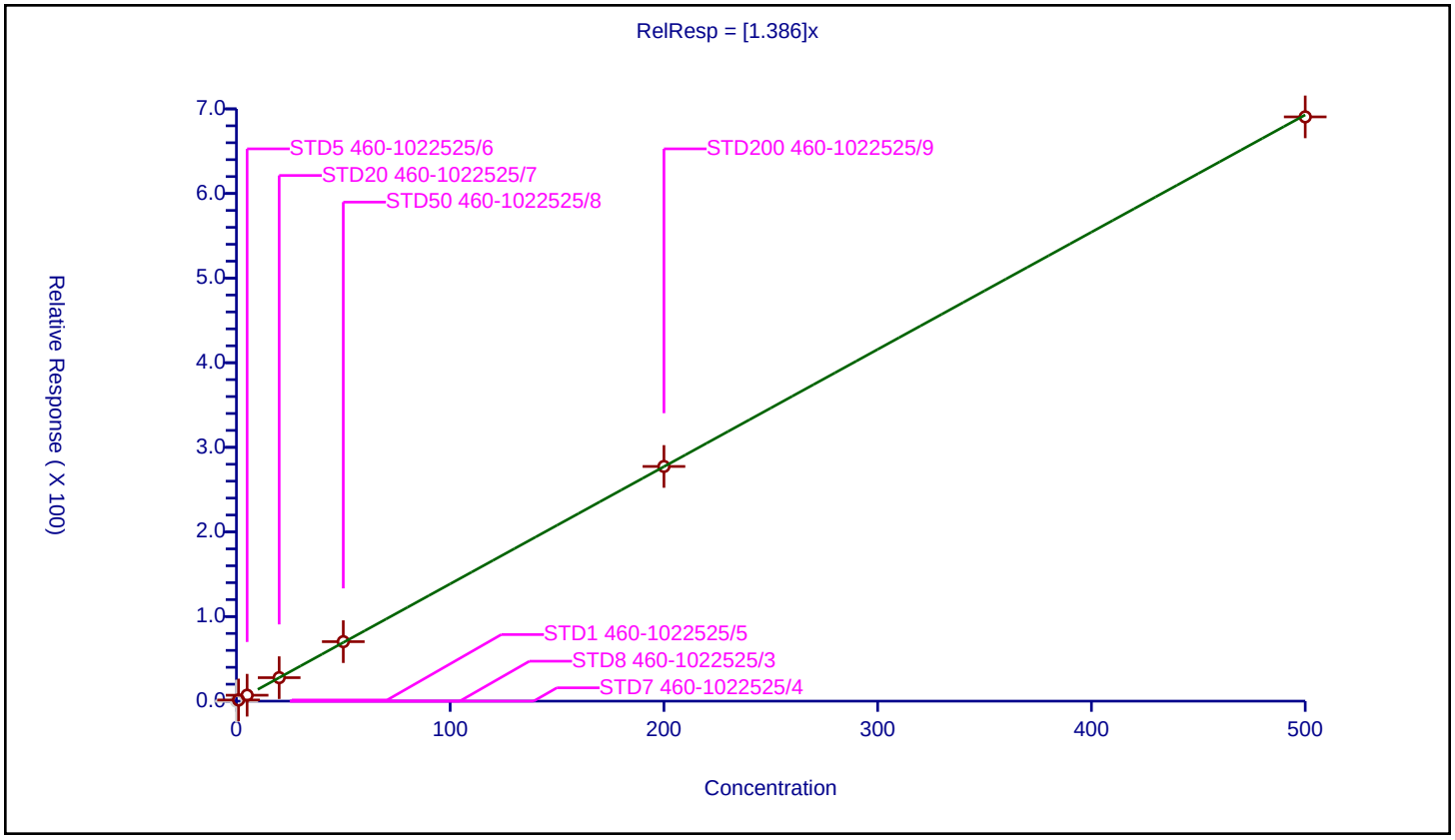
Curve Coefficients

Intercept:	0
Slope:	1.386

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.353907	50.0	153851.0	1.353907	Y
4	STD5 460-1022525/6	5.0	6.995919	50.0	155362.0	1.399184	Y
5	STD20 460-1022525/7	20.0	27.75304	50.0	153385.0	1.387652	Y
6	STD50 460-1022525/8	50.0	70.316897	50.0	157433.0	1.406338	Y
7	STD200 460-1022525/9	200.0	277.377217	50.0	170830.0	1.386886	Y
8	STD500 460-1022525/10	500.0	690.568409	50.0	189406.0	1.381137	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

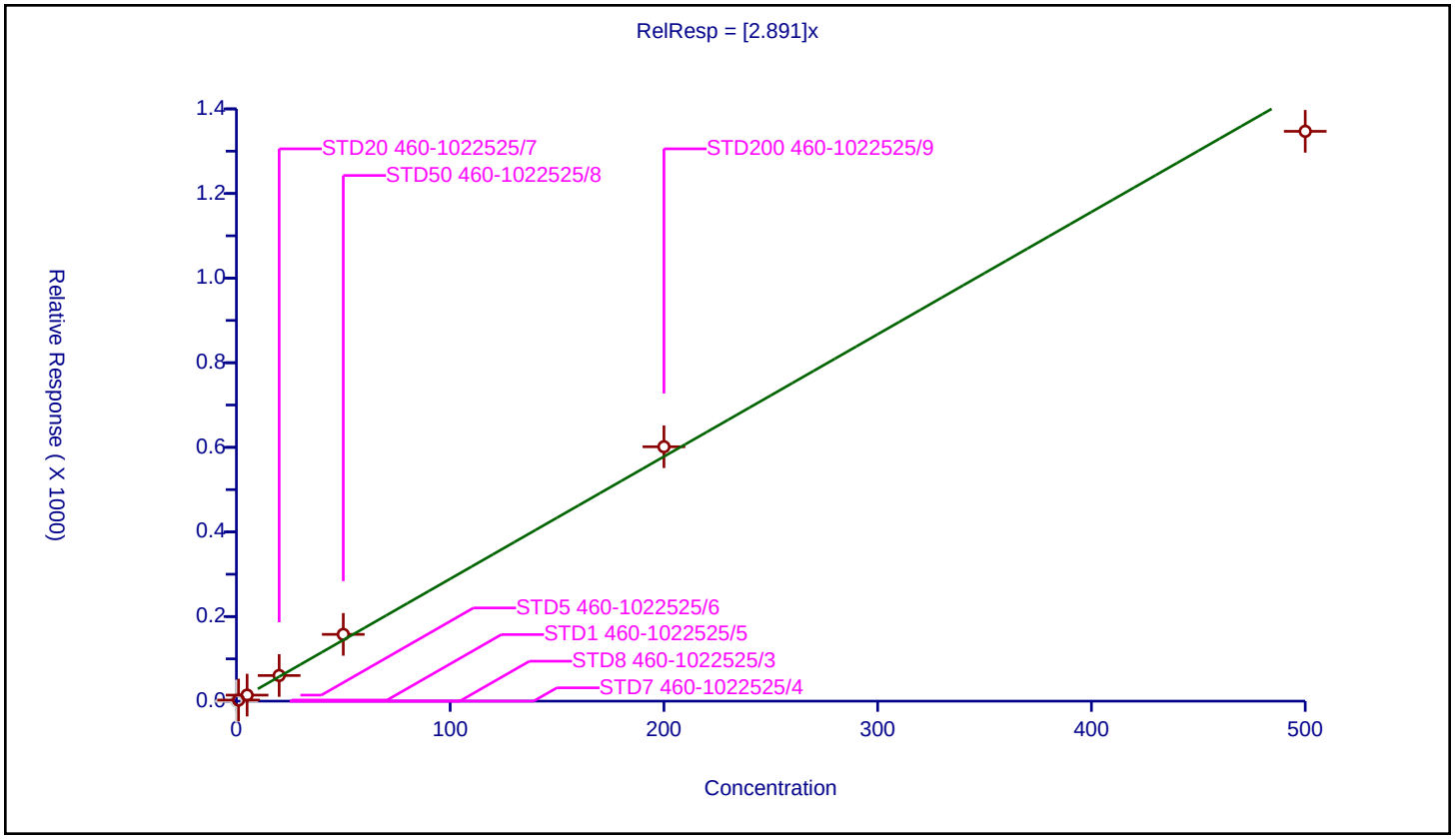
Curve Coefficients

Intercept:	0
Slope:	2.891

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.604793	50.0	153851.0	2.604793	Y
4	STD5 460-1022525/6	5.0	14.265071	50.0	155362.0	2.853014	Y
5	STD20 460-1022525/7	20.0	60.601428	50.0	153385.0	3.030071	Y
6	STD50 460-1022525/8	50.0	157.80332	50.0	157433.0	3.156066	Y
7	STD200 460-1022525/9	200.0	601.387344	50.0	170830.0	3.006937	Y
8	STD500 460-1022525/10	500.0	1346.993759	50.0	189406.0	2.693988	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

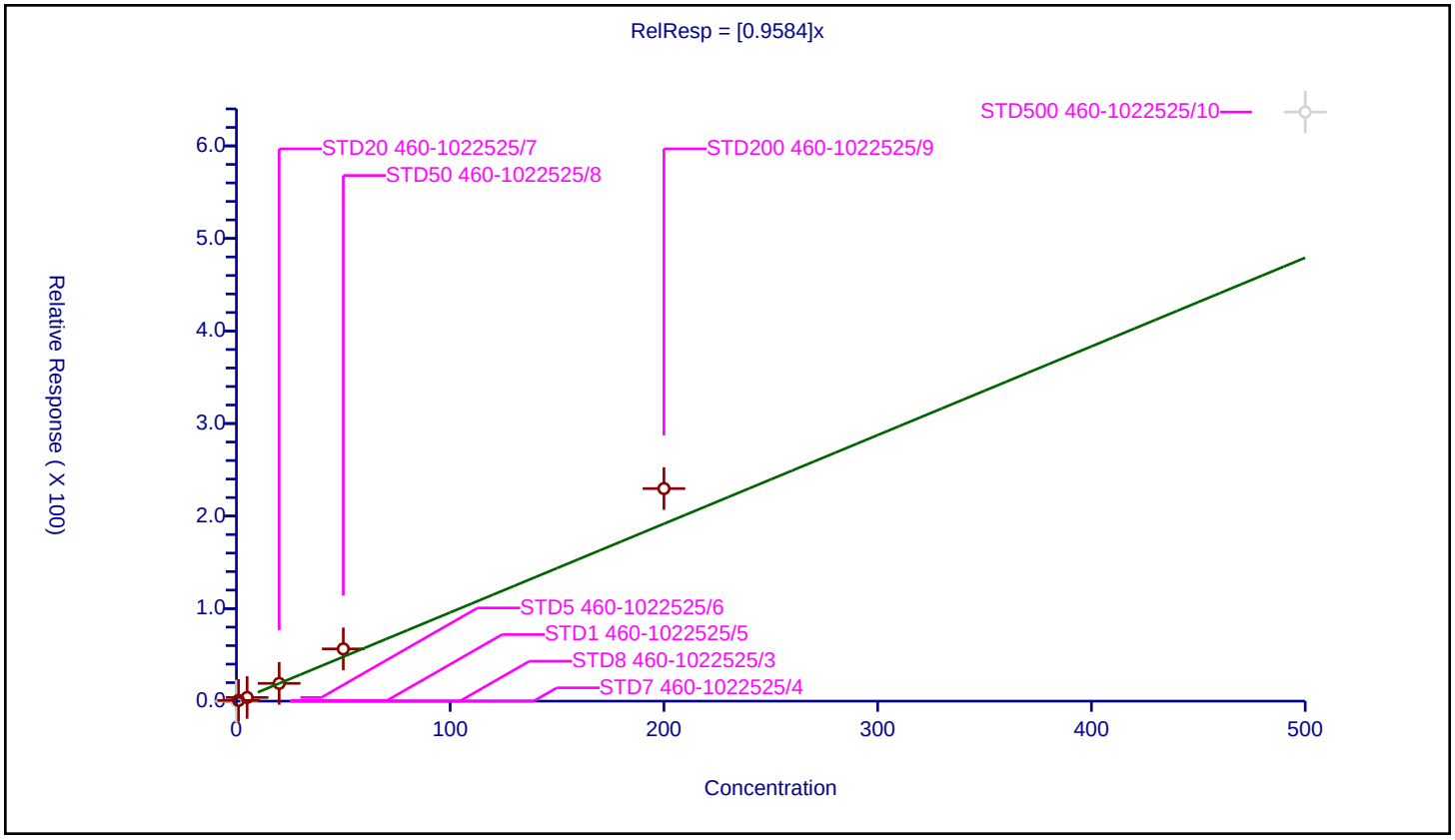
Curve Coefficients

Intercept:	0
Slope:	0.9584

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.762101	50.0	153851.0	0.762101	Y
4	STD5 460-1022525/6	5.0	3.966543	50.0	155362.0	0.793309	Y
5	STD20 460-1022525/7	20.0	19.173322	50.0	153385.0	0.958666	Y
6	STD50 460-1022525/8	50.0	56.457668	50.0	157433.0	1.129153	Y
7	STD200 460-1022525/9	200.0	229.70497	50.0	170830.0	1.148525	Y
8	STD500 460-1022525/10	500.0	636.612884	50.0	189406.0	1.273226	N



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

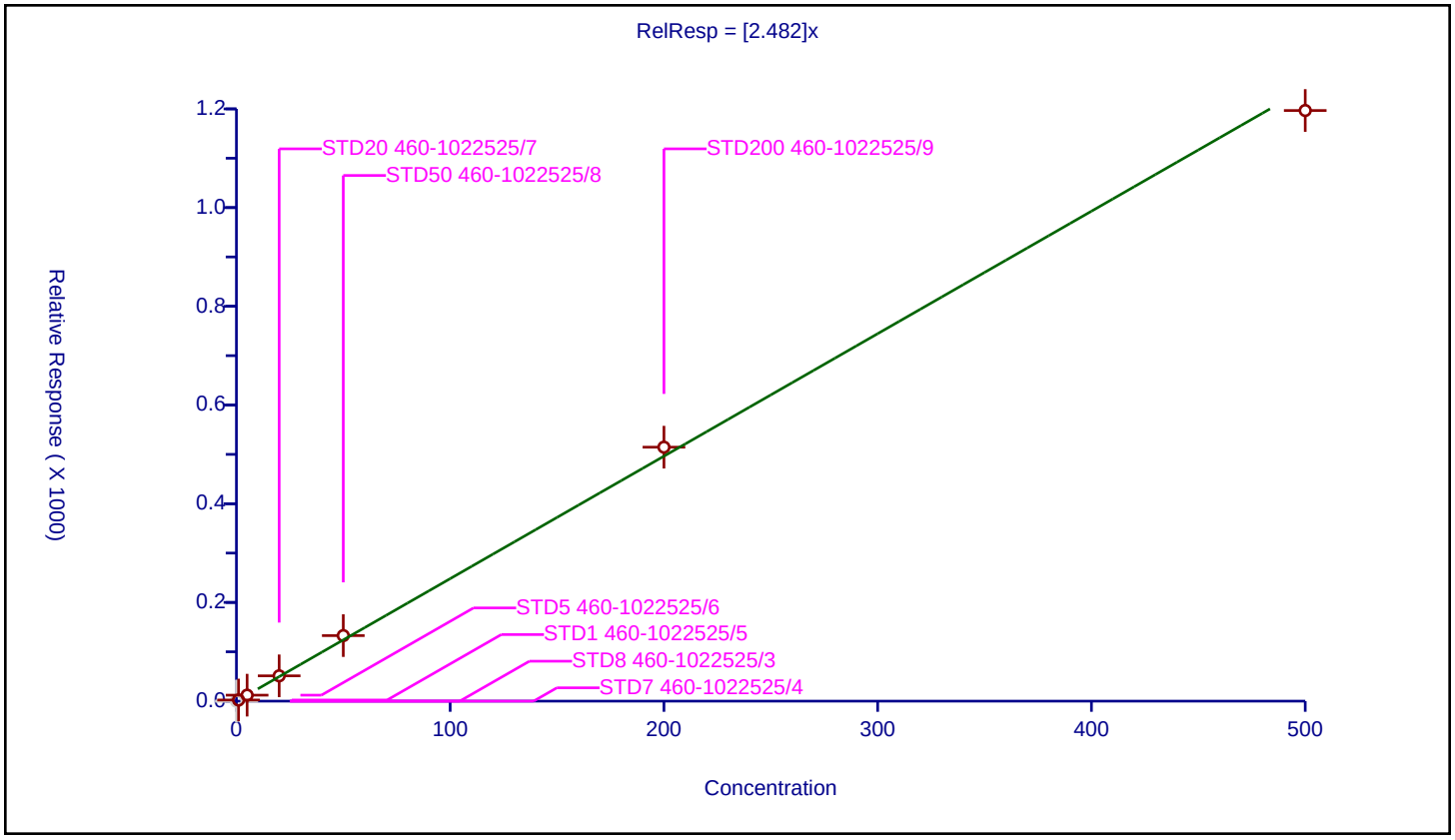
Curve Coefficients

Intercept:	0
Slope:	2.482

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.274603	50.0	153851.0	2.274603	Y
4	STD5 460-1022525/6	5.0	12.141322	50.0	155362.0	2.428264	Y
5	STD20 460-1022525/7	20.0	51.310754	50.0	153385.0	2.565538	Y
6	STD50 460-1022525/8	50.0	132.794903	50.0	157433.0	2.655898	Y
7	STD200 460-1022525/9	200.0	514.604285	50.0	170830.0	2.573021	Y
8	STD500 460-1022525/10	500.0	1196.734528	50.0	189406.0	2.393469	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

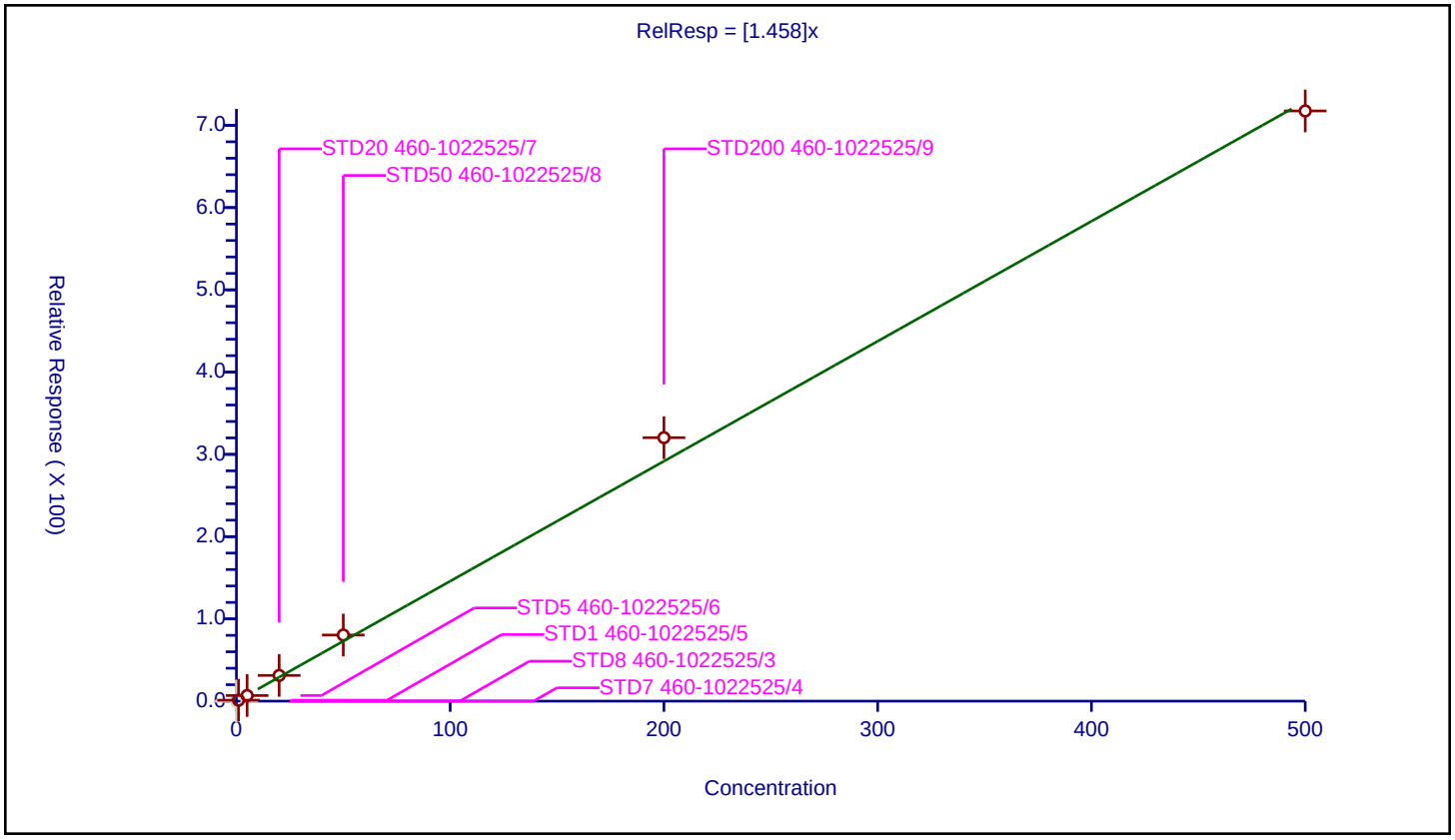
Curve Coefficients

Intercept:	0
Slope:	1.458

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.182638	50.0	153851.0	1.182638	Y
4	STD5 460-1022525/6	5.0	6.800569	50.0	155362.0	1.360114	Y
5	STD20 460-1022525/7	20.0	31.273593	50.0	153385.0	1.56368	Y
6	STD50 460-1022525/8	50.0	80.385307	50.0	157433.0	1.607706	Y
7	STD200 460-1022525/9	200.0	320.322543	50.0	170830.0	1.601613	Y
8	STD500 460-1022525/10	500.0	717.497598	50.0	189406.0	1.434995	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

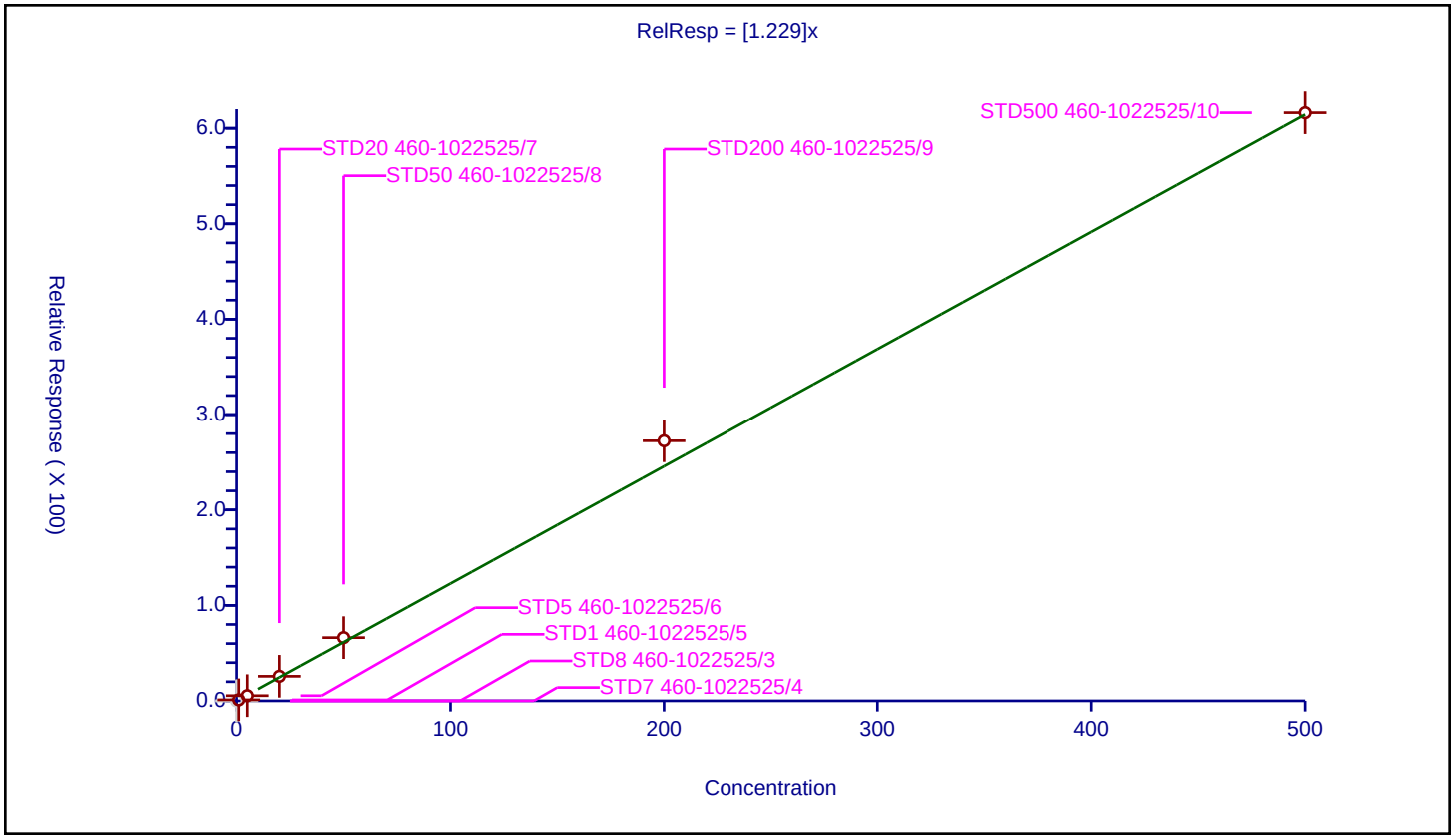
Curve Coefficients

Intercept:	0
Slope:	1.229

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.082541	50.0	153851.0	1.082541	Y
4	STD5 460-1022525/6	5.0	5.422819	50.0	155362.0	1.084564	Y
5	STD20 460-1022525/7	20.0	25.730026	50.0	153385.0	1.286501	Y
6	STD50 460-1022525/8	50.0	66.199272	50.0	157433.0	1.323985	Y
7	STD200 460-1022525/9	200.0	272.506585	50.0	170830.0	1.362533	Y
8	STD500 460-1022525/10	500.0	616.253709	50.0	189406.0	1.232507	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

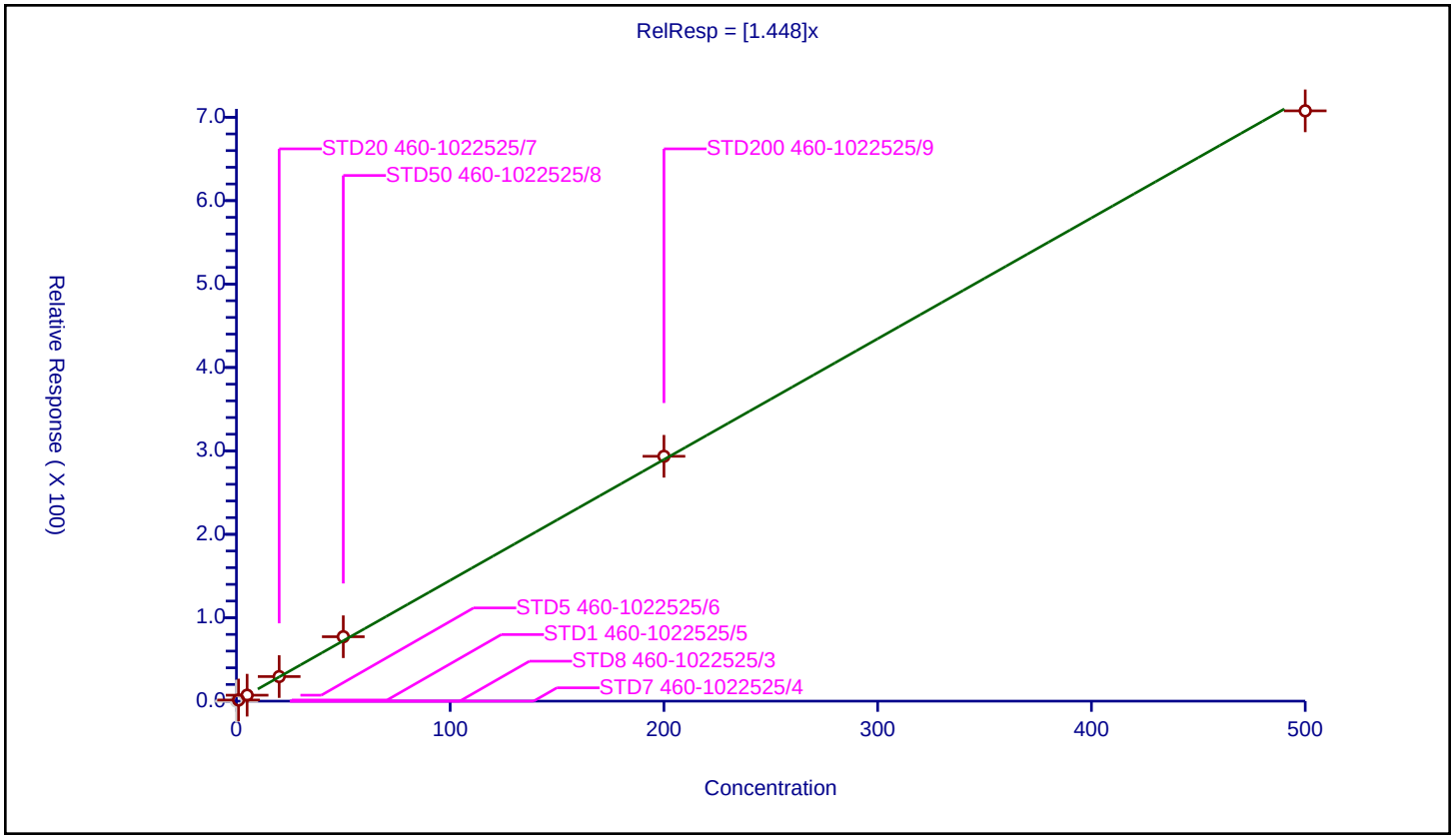
Curve Coefficients

Intercept:	0
Slope:	1.448

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.360732	50.0	153851.0	1.360732	Y
4	STD5 460-1022525/6	5.0	7.138168	50.0	155362.0	1.427634	Y
5	STD20 460-1022525/7	20.0	29.466701	50.0	153385.0	1.473335	Y
6	STD50 460-1022525/8	50.0	77.218245	50.0	157433.0	1.544365	Y
7	STD200 460-1022525/9	200.0	293.532166	50.0	170830.0	1.467661	Y
8	STD500 460-1022525/10	500.0	707.664752	50.0	189406.0	1.41533	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

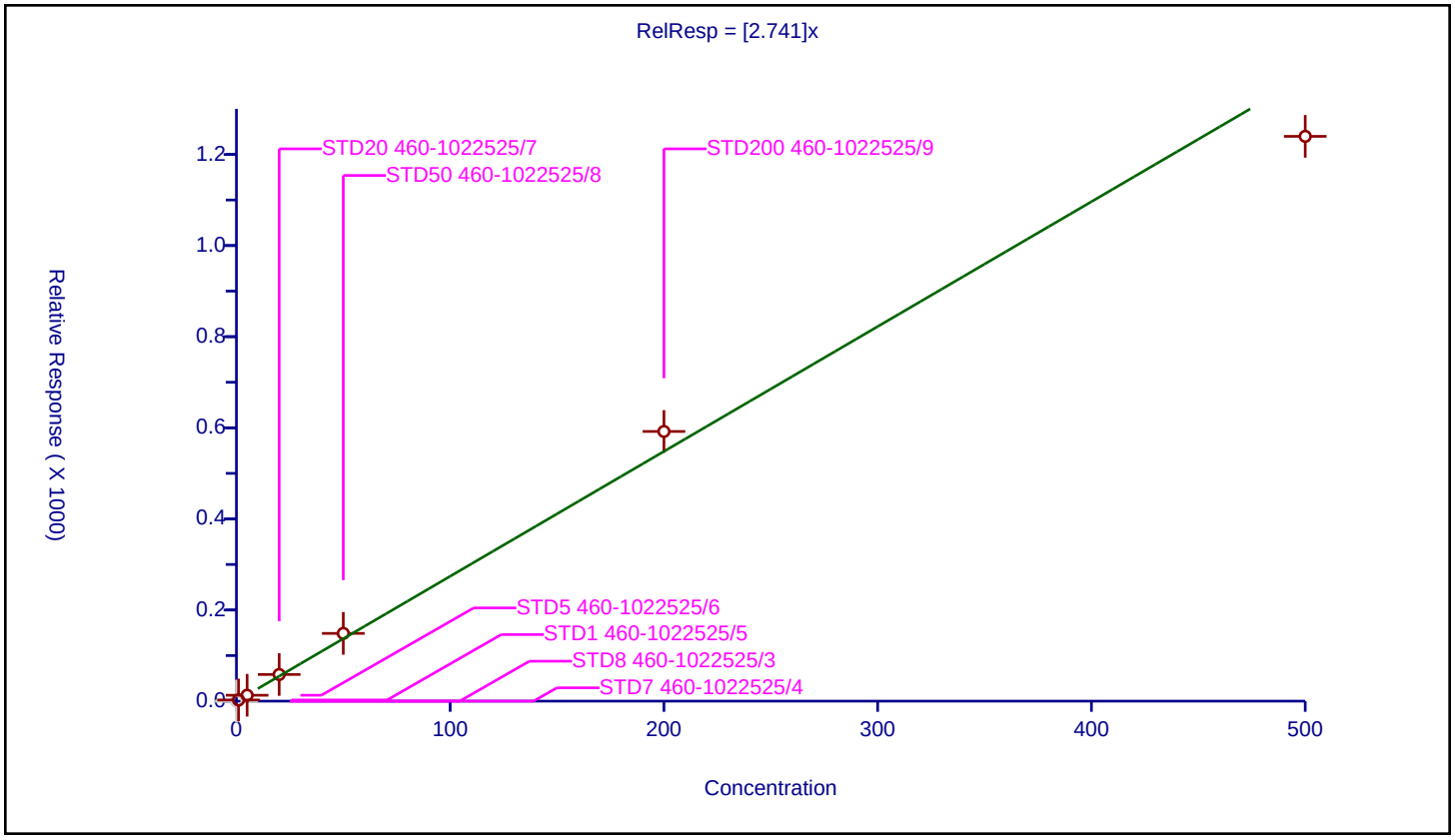
Curve Coefficients

Intercept:	0
Slope:	2.741

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.522571	50.0	153851.0	2.522571	Y
4	STD5 460-1022525/6	5.0	12.92047	50.0	155362.0	2.584094	Y
5	STD20 460-1022525/7	20.0	58.514848	50.0	153385.0	2.925742	Y
6	STD50 460-1022525/8	50.0	148.695953	50.0	157433.0	2.973919	Y
7	STD200 460-1022525/9	200.0	591.968038	50.0	170830.0	2.95984	Y
8	STD500 460-1022525/10	500.0	1239.740557	50.0	189406.0	2.479481	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

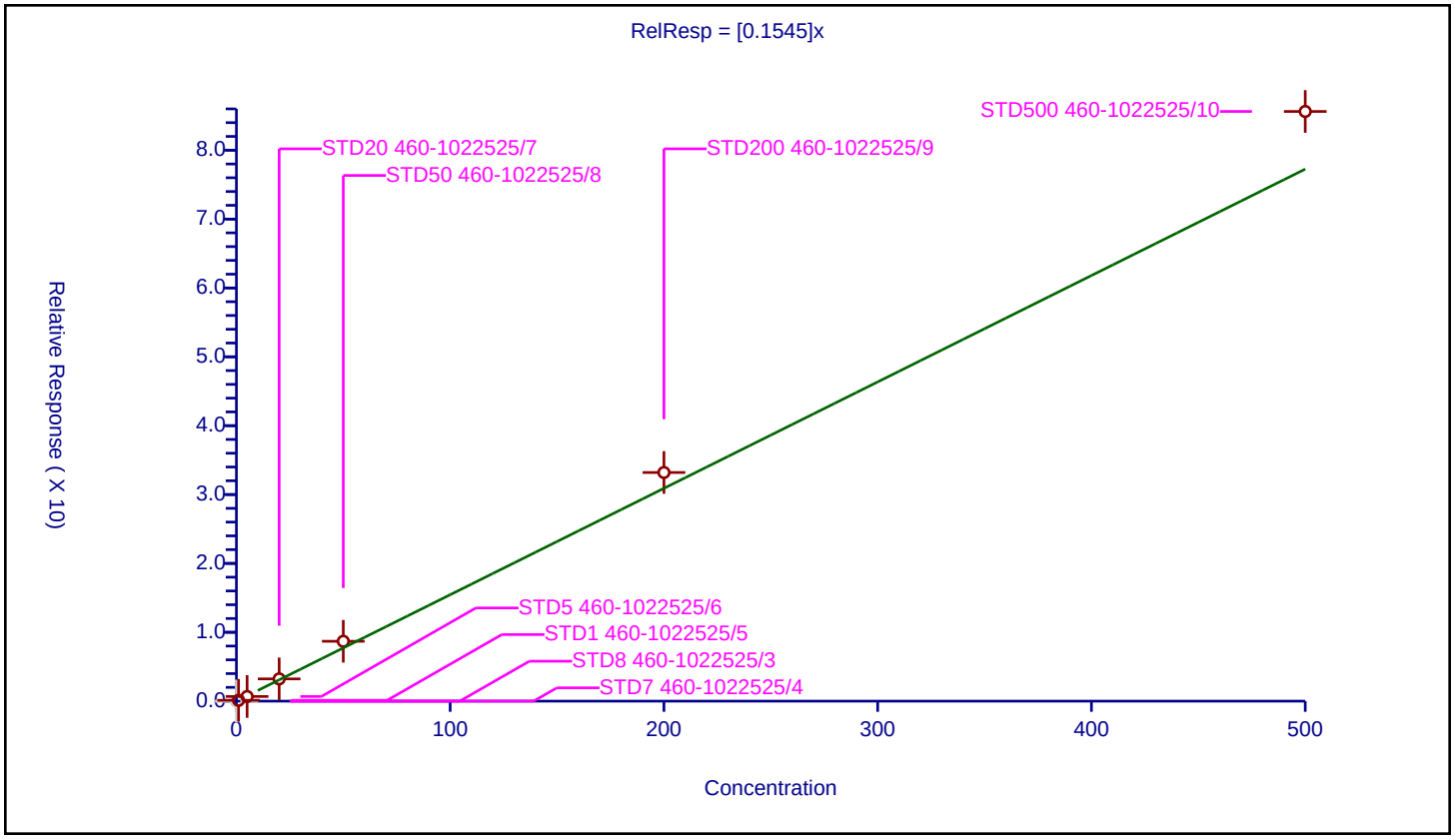
Curve Coefficients

Intercept:	0
Slope:	0.1545

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.119921	50.0	153851.0	0.119921	Y
4	STD5 460-1022525/6	5.0	0.672944	50.0	155362.0	0.134589	Y
5	STD20 460-1022525/7	20.0	3.229781	50.0	153385.0	0.161489	Y
6	STD50 460-1022525/8	50.0	8.690364	50.0	157433.0	0.173807	Y
7	STD200 460-1022525/9	200.0	33.201136	50.0	170830.0	0.166006	Y
8	STD500 460-1022525/10	500.0	85.622948	50.0	189406.0	0.171246	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

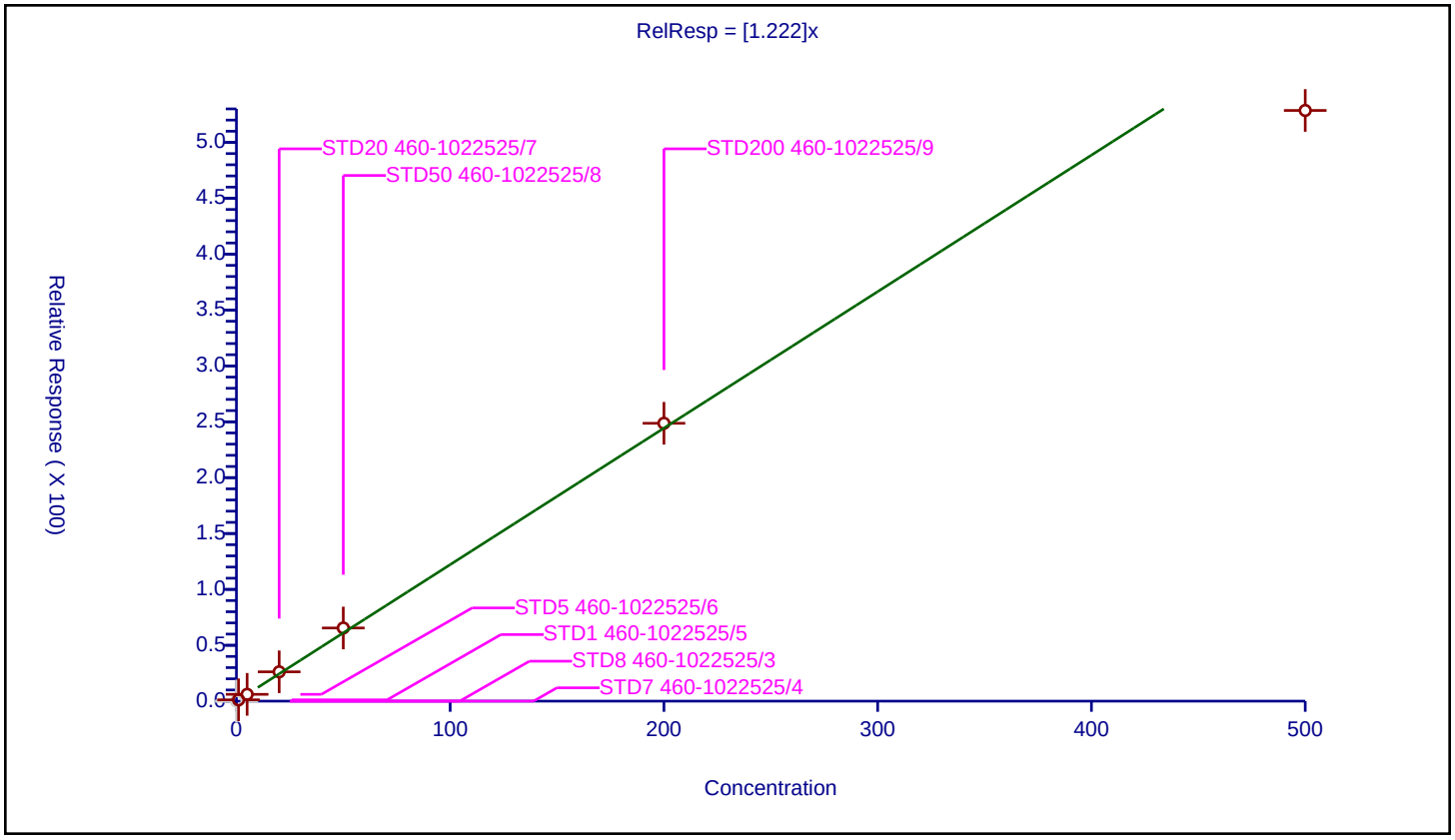
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.191412	50.0	153851.0	1.191412	Y
4	STD5 460-1022525/6	5.0	6.085465	50.0	155362.0	1.217093	Y
5	STD20 460-1022525/7	20.0	26.226489	50.0	153385.0	1.311324	Y
6	STD50 460-1022525/8	50.0	65.458004	50.0	157433.0	1.30916	Y
7	STD200 460-1022525/9	200.0	248.664169	50.0	170830.0	1.243321	Y
8	STD500 460-1022525/10	500.0	528.58278	50.0	189406.0	1.057166	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

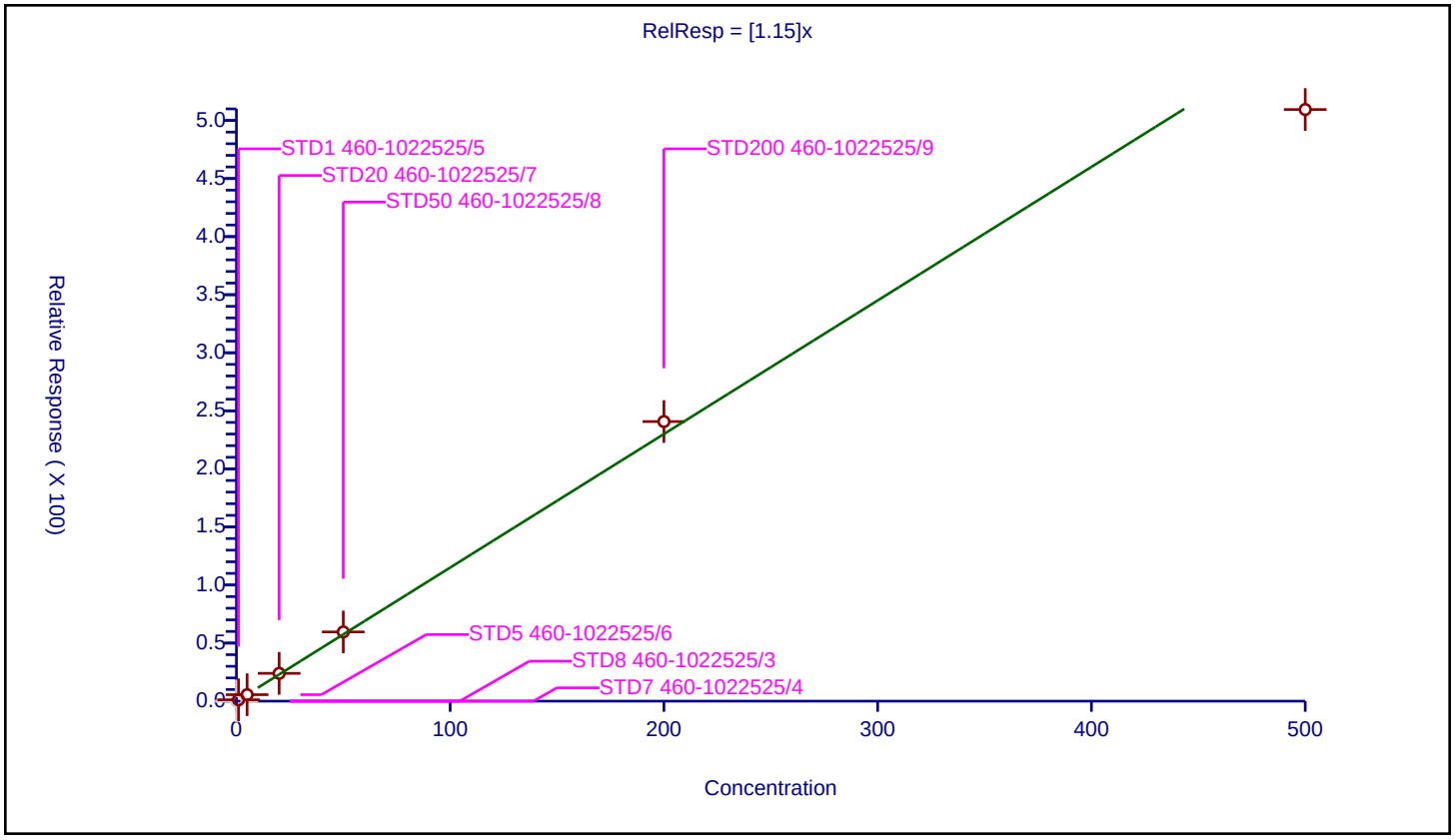
Curve Coefficients

Intercept:	0
Slope:	1.15

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	1.176138	50.0	153851.0	1.176138	Y
4	STD5 460-1022525/6	5.0	5.567964	50.0	155362.0	1.113593	Y
5	STD20 460-1022525/7	20.0	23.929002	50.0	153385.0	1.19645	Y
6	STD50 460-1022525/8	50.0	59.591382	50.0	157433.0	1.191828	Y
7	STD200 460-1022525/9	200.0	240.752795	50.0	170830.0	1.203764	Y
8	STD500 460-1022525/10	500.0	509.460366	50.0	189406.0	1.018921	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

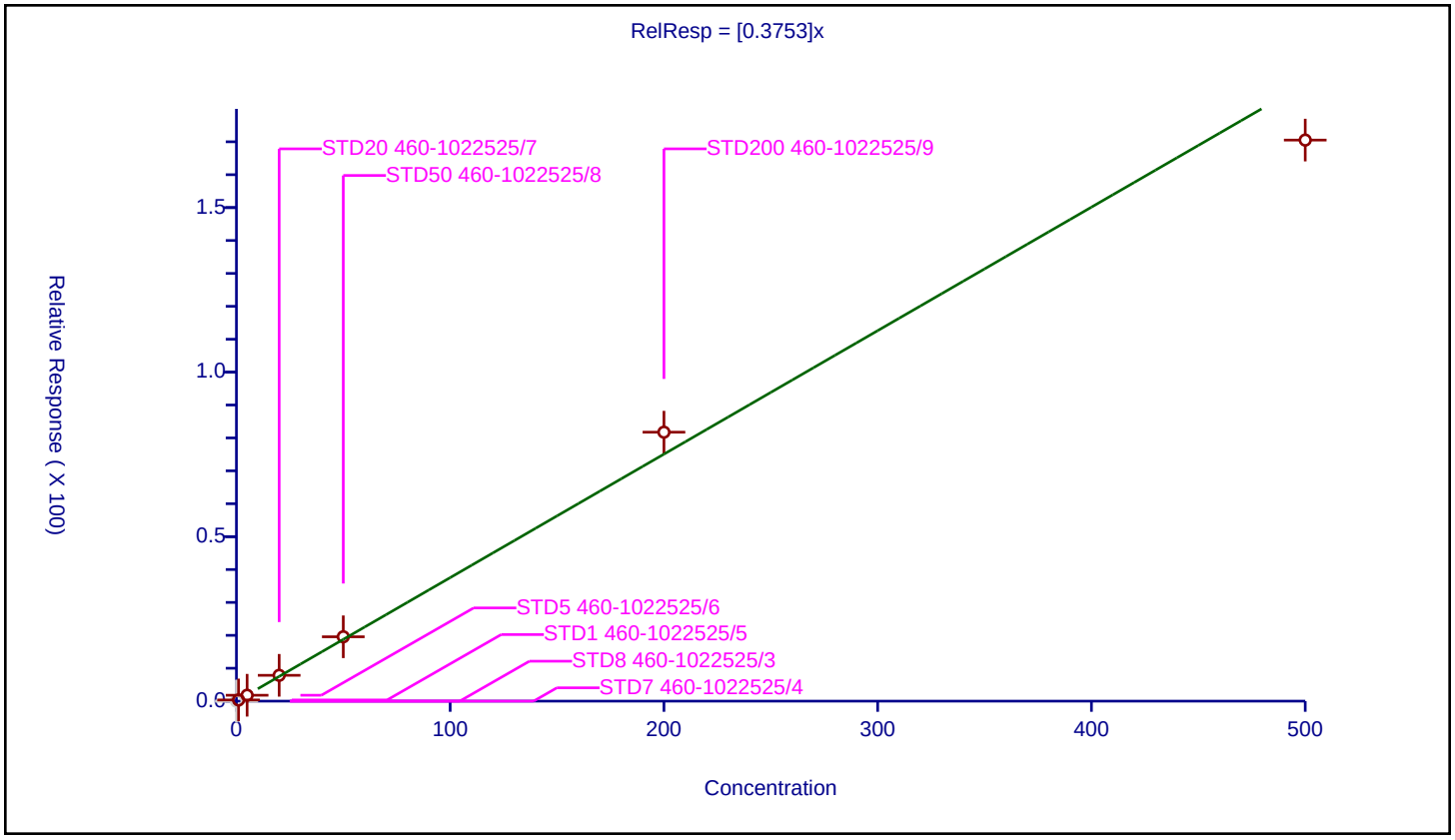
Curve Coefficients

Intercept:	0
Slope:	0.3753

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.360414	50.0	153851.0	0.360414	Y
4	STD5 460-1022525/6	5.0	1.791944	50.0	155362.0	0.358389	Y
5	STD20 460-1022525/7	20.0	7.845291	50.0	153385.0	0.392265	Y
6	STD50 460-1022525/8	50.0	19.561655	50.0	157433.0	0.391233	Y
7	STD200 460-1022525/9	200.0	81.742961	50.0	170830.0	0.408715	Y
8	STD500 460-1022525/10	500.0	170.523901	50.0	189406.0	0.341048	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

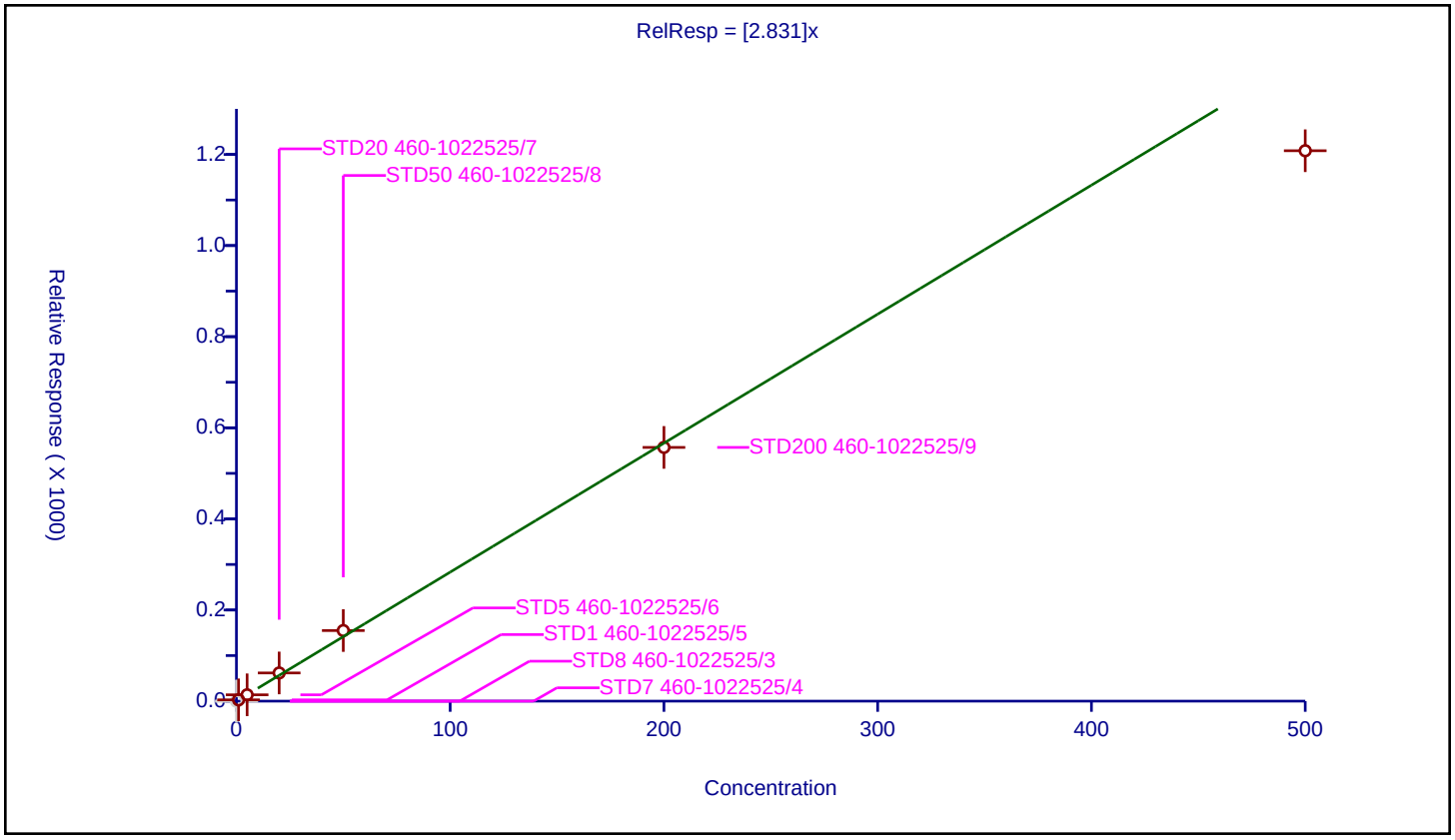
Curve Coefficients

Intercept:	0
Slope:	2.831

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	2.811486	50.0	153851.0	2.811486	Y
4	STD5 460-1022525/6	5.0	13.911381	50.0	155362.0	2.782276	Y
5	STD20 460-1022525/7	20.0	61.894253	50.0	153385.0	3.094713	Y
6	STD50 460-1022525/8	50.0	154.947819	50.0	157433.0	3.098956	Y
7	STD200 460-1022525/9	200.0	556.941404	50.0	170830.0	2.784707	Y
8	STD500 460-1022525/10	500.0	1208.178463	50.0	189406.0	2.416357	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

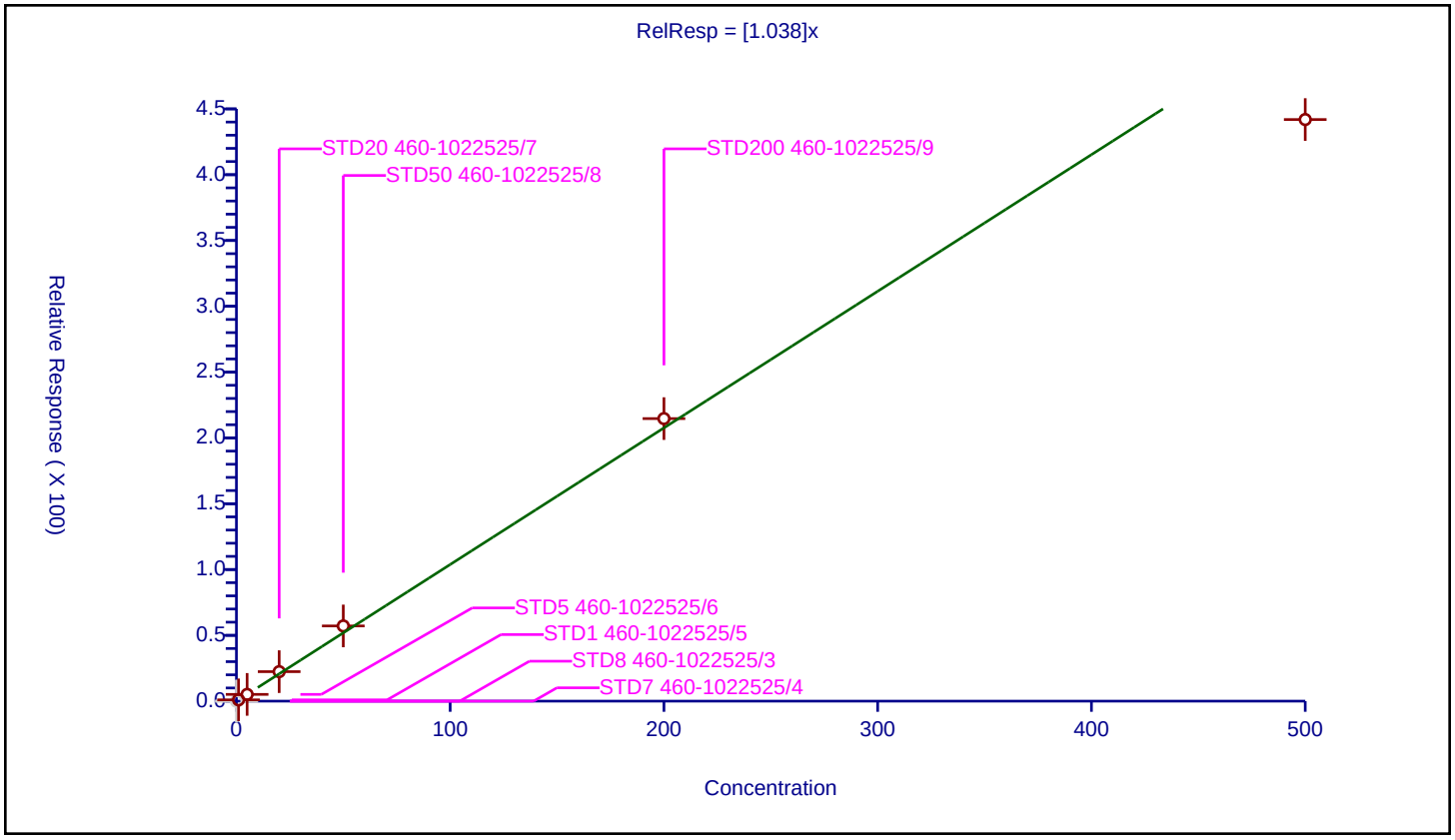
Curve Coefficients

Intercept:	0
Slope:	1.038

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1022525/4	0.0	0.0	50.0	120482.0	NaN	N
2	STD8 460-1022525/3	0.2	0.0	50.0	144870.0	0.0	N
3	STD1 460-1022525/5	1.0	0.983419	50.0	153851.0	0.983419	Y
4	STD5 460-1022525/6	5.0	5.124162	50.0	155362.0	1.024832	Y
5	STD20 460-1022525/7	20.0	22.403429	50.0	153385.0	1.120171	Y
6	STD50 460-1022525/8	50.0	57.140498	50.0	157433.0	1.14281	Y
7	STD200 460-1022525/9	200.0	214.678921	50.0	170830.0	1.073395	Y
8	STD500 460-1022525/10	500.0	441.9039	50.0	189406.0	0.883808	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: ICV 460-1022525/17 Calibration Date: 02/22/2025 22:45

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13311.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0293	0.0236		16.1	20.0	-19.5	30.0
Dichlorodifluoromethane	Ave	0.4141	0.3014	0.1000	14.6	20.0	-27.2	30.0
Chlorodifluoromethane	Ave	0.0564	0.0441		15.6	20.0	-21.8	30.0
Chloromethane	Ave	0.4617	0.3797	0.1000	16.4	20.0	-17.8	30.0
Butadiene	Ave	0.3046	0.3451		22.7	20.0	13.3	30.0
Vinyl chloride	Ave	0.3451	0.3521	0.1000	20.4	20.0	2.0	30.0
Bromomethane	Ave	0.2428	0.2521	0.1000	20.8	20.0	3.8	30.0
Chloroethane	Ave	0.1839	0.1975	0.1000	21.5	20.0	7.4	30.0
Dichlorofluoromethane	Ave	0.5875	0.6386		21.7	20.0	8.7	30.0
Trichlorofluoromethane	Ave	0.3619	0.3857	0.1000	21.3	20.0	6.5	30.0
Pentane	Ave	0.4804	0.4142		34.5	40.0	-13.8	30.0
Ethanol	Ave	0.0456	0.0377		662	800	-17.3	30.0
Ethyl ether	Lin2		0.2023		20.7	20.0	3.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2898	0.2830		19.5	20.0	-2.4	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2365	0.2415		20.4	20.0	2.1	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4237	0.4341		20.5	20.0	2.4	30.0
Acrolein	Ave	3.044	3.392		44.0	39.5	11.4	30.0
Freon TF	Ave	0.2729	0.2956	0.1000	21.7	20.0	8.3	30.0
1,1-Dichloroethene	Ave	0.3341	0.3314	0.1000	19.8	20.0	-0.8	30.0
Acetone	Ave	0.8782	0.8734	0.0500	99.5	100	-0.5	30.0
Iodomethane	Ave	0.6816	0.7240		21.2	20.0	6.2	30.0
Isopropyl alcohol	Ave	0.6291	0.5177		165	200	-17.7	30.0
Carbon disulfide	Ave	1.310	1.330	0.1000	20.3	20.0	1.5	30.0
3-Chloro-1-propene	Ave	0.2244	0.2134		19.0	20.0	-4.9	30.0
Methyl acetate	Ave	12.18	11.65	0.0500	38.3	40.0	-4.3	30.0
Cyclopentene	Ave	0.9673	0.7249		15.0	20.0	-25.1	30.0
Acetonitrile	Ave	2.385	2.250		189	200	-5.7	30.0
Methylene Chloride	Ave	0.4061	0.4389	0.1000	21.6	20.0	8.1	30.0
2-Methyl-2-propanol	Ave	1.042	0.9166		176	200	-12.0	30.0
MTBE	Ave	0.8150	0.8412	0.1000	20.6	20.0	3.2	30.0
trans-1,2-Dichloroethene	Ave	0.3534	0.3579	0.1000	20.3	20.0	1.3	30.0
Acrylonitrile	Ave	6.178	6.304		204	200	2.0	30.0
Hexane	Ave	0.3212	0.3027		18.9	20.0	-5.7	30.0
Isopropyl ether	Ave	1.074	1.058		19.7	20.0	-1.4	30.0
1,1-Dichloroethane	Ave	0.6477	0.6674	0.2000	20.6	20.0	3.0	30.0
Vinyl acetate	Ave	0.4490	0.4509		40.2	40.0	0.4	30.0
2-Chloro-1,3-butadiene	Ave	0.2822	0.2704		19.2	20.0	-4.2	30.0
Tert-butyl ethyl ether	Ave	0.9652	0.9316		19.3	20.0	-3.5	30.0
2,2-Dichloropropane	Ave	0.1436	0.1439		20.0	20.0	0.2	30.0
cis-1,2-Dichloroethene	Ave	0.3613	0.3644	0.1000	20.2	20.0	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: ICV 460-1022525/17 Calibration Date: 02/22/2025 22:45

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13311.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone	Ave	0.2323	0.2368	0.0500	102	100	1.9	30.0
Ethyl acetate	Ave	0.2264	0.2252		39.8	40.0	-0.5	30.0
Methyl acrylate	Ave	0.1608	0.1482		18.4	20.0	-7.9	30.0
Propionitrile	Ave	1.811	1.687		186	200	-6.9	30.0
Chlorobromomethane	Ave	0.1745	0.1711		19.6	20.0	-1.9	30.0
Tetrahydrofuran	Ave	0.2763	0.3285		47.6	40.0	18.9	30.0
Methacrylonitrile	Ave	0.0840	0.0820		195	200	-2.4	30.0
Chloroform	Ave	0.5792	0.6003	0.2000	20.7	20.0	3.6	30.0
Cyclohexane	Ave	0.3890	0.4509	0.1000	23.2	20.0	15.9	30.0
1,1,1-Trichloroethane	Ave	0.4451	0.4866	0.1000	21.9	20.0	9.3	30.0
Carbon tetrachloride	Ave	0.3565	0.3653	0.1000	20.5	20.0	2.5	30.0
1,1-Dichloropropene	Ave	0.4072	0.4008		19.7	20.0	-1.6	30.0
Isobutyl alcohol	QuaF		0.6158		319	500	-36.3*	30.0
Isooctane	Ave	0.8368	0.8446		20.2	20.0	0.9	30.0
Benzene	Ave	2.244	2.256	0.5000	20.1	20.0	0.6	30.0
Isopropyl acetate	Ave	0.6027	0.5684		18.9	20.0	-5.7	30.0
Tert-amyl methyl ether	Ave	0.2352	0.2488		21.2	20.0	5.8	30.0
1,2-Dichloroethane	Ave	0.3885	0.3607	0.1000	18.6	20.0	-7.2	30.0
n-Heptane	Ave	0.1203	0.1109		18.4	20.0	-7.8	30.0
Trichloroethene	Ave	0.3054	0.2776	0.2000	18.2	20.0	-9.1	30.0
Methylcyclohexane	Ave	0.4386	0.4659	0.1000	21.2	20.0	6.2	30.0
Ethyl acrylate	Ave	0.5286	0.5323		20.1	20.0	0.7	30.0
1,2-Dichloropropane	Ave	0.2833	0.2703	0.1000	19.1	20.0	-4.6	30.0
Methyl methacrylate	Ave	0.0337	0.0290		34.3	40.0	-14.2	30.0
1,4-Dioxane	Ave	0.7939	0.6588		332	400	-17.0	30.0
Dibromomethane	Ave	0.1819	0.1766		19.4	20.0	-2.9	30.0
n-Propyl acetate	Ave	0.2225	0.1644		14.8	20.0	-26.1	30.0
Bromodichloromethane	Ave	0.3259	0.3178	0.2000	19.5	20.0	-2.5	30.0
2-Nitropropane	Ave	2.292	1.534		26.8	40.0	-33.0*	30.0
2-Chloroethyl vinyl ether	Ave	0.1018	0.0844		16.6	20.0	-17.1	30.0
Epichlorohydrin	Lin2		0.1222		17.4	20.0	-12.8	30.0
cis-1,3-Dichloropropene	Ave	0.6651	0.5707	0.2000	17.2	20.0	-14.2	30.0
4-Methyl-2-pentanone	Ave	2.257	2.455	0.0500	109	100	8.8	30.0
Toluene	Ave	1.698	1.688	0.4000	19.9	20.0	-0.6	30.0
trans-1,3-Dichloropropene	Ave	0.4401	0.4071	0.1000	18.5	20.0	-7.5	30.0
Ethyl methacrylate	Ave	0.1765	0.1539		17.4	20.0	-12.8	30.0
1,1,2-Trichloroethane	Ave	0.2886	0.2822	0.1000	19.6	20.0	-2.2	30.0
Tetrachloroethene	Ave	0.4213	0.4089	0.2000	19.4	20.0	-2.9	30.0
1,3-Dichloropropane	Ave	0.4744	0.4385		18.5	20.0	-7.6	30.0
2-Hexanone	Ave	0.6273	0.6179	0.0500	98.5	100	-1.5	30.0
n-Butyl acetate	Ave	0.4547	0.3922		17.3	20.0	-13.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: ICV 460-1022525/17 Calibration Date: 02/22/2025 22:45

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13311.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromochloromethane	Ave	0.3344	0.3105	0.1000	18.6	20.0	-7.1	30.0
1,2-Dibromoethane	Ave	0.3092	0.2952	0.1000	19.1	20.0	-4.5	30.0
Chlorobenzene	Ave	0.9750	0.9753	0.5000	20.0	20.0	0.0	30.0
Ethylbenzene	Ave	0.4977	0.5098	0.1000	20.5	20.0	2.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4050	0.4404		21.7	20.0	8.7	30.0
m-Xylene & p-Xylene	Ave	0.6067	0.6165	0.1000	20.3	20.0	1.6	30.0
o-Xylene	Ave	0.6957	0.7533	0.3000	21.7	20.0	8.3	30.0
n-Butyl acrylate	Ave	0.2528	0.2328		18.4	20.0	-7.9	30.0
Styrene	Ave	0.8810	0.9230	0.3000	21.0	20.0	4.8	30.0
Bromoform	Ave	0.1651	0.1535	0.1000	18.6	20.0	-7.1	30.0
Amyl acetate (mixed isomers)	Ave	1.237	1.105		17.9	20.0	-10.7	30.0
Isopropylbenzene	Ave	1.585	1.866	0.1000	23.5	20.0	17.7	30.0
Bromobenzene	Ave	0.6960	0.6608		19.0	20.0	-5.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7151	0.7132	0.3000	19.9	20.0	-0.3	30.0
N-Propylbenzene	Ave	3.070	3.043		19.8	20.0	-0.9	30.0
1,2,3-Trichloropropane	Ave	0.1539	0.1484		19.3	20.0	-3.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1189	0.1008		17.0	20.0	-15.2	30.0
2-Chlorotoluene	Ave	2.350	2.347		20.0	20.0	-0.1	30.0
4-Ethyltoluene	Ave	2.502	2.420		19.4	20.0	-3.2	30.0
1,3,5-Trimethylbenzene	Ave	2.455	2.666		21.7	20.0	8.6	30.0
4-Chlorotoluene	Ave	1.995	1.915		19.2	20.0	-4.0	30.0
Butyl Methacrylate	Ave	1.002	0.9821		19.6	20.0	-2.0	30.0
tert-Butylbenzene	Ave	1.990	2.073		20.8	20.0	4.2	30.0
1,2,4-Trimethylbenzene	Ave	2.520	2.608		20.7	20.0	3.5	30.0
sec-Butylbenzene	Ave	2.893	3.067		21.2	20.0	6.0	30.0
1,3-Dichlorobenzene	Ave	1.327	1.302	0.6000	19.6	20.0	-1.9	30.0
4-Isopropyltoluene	Ave	2.472	2.475		20.0	20.0	0.1	30.0
1,4-Dichlorobenzene	Ave	1.386	1.392	0.5000	20.1	20.0	0.4	30.0
1,2,3-Trimethylbenzene	Ave	2.891	3.087		21.4	20.0	6.8	30.0
Benzyl chloride	Ave	0.9584	0.7906		16.5	20.0	-17.5	30.0
Indan	Ave	2.482	2.777		22.4	20.0	11.9	30.0
p-Diethylbenzene	Ave	1.458	1.437		19.7	20.0	-1.5	30.0
n-Butylbenzene	Ave	1.229	1.230		20.0	20.0	0.0	30.0
1,2-Dichlorobenzene	Ave	1.448	1.514	0.4000	20.9	20.0	4.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.741	2.784		20.3	20.0	1.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1545	0.1442	0.0500	18.7	20.0	-6.6	30.0
1,3,5-Trichlorobenzene	Ave	1.222	1.254		20.5	20.0	2.6	30.0
1,2,4-Trichlorobenzene	Ave	1.150	1.220	0.2000	21.2	20.0	6.1	30.0
Hexachlorobutadiene	Ave	0.3753	0.3849		20.5	20.0	2.6	30.0
Naphthalene	Ave	2.831	2.959		20.9	20.0	4.5	30.0
1,2,3-Trichlorobenzene	Ave	1.038	1.057		20.4	20.0	1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: ICV 460-1022525/17 Calibration Date: 02/22/2025 22:45

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13311.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butanol	Ave	0.1469	0.4230		8.70	500	187.9*	30.0
Dibromofluoromethane (Surr)	Ave	0.2501	0.2622		52.4	50.0	4.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2456	0.2480		50.5	50.0	1.0	30.0
Toluene-d8 (Surr)	Ave	1.201	1.250		52.1	50.0	4.1	30.0
Bromofluorobenzene	Ave	0.2984	0.3070		51.4	50.0	2.9	30.0

Report Date: 23-Feb-2025 11:19:01 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13311.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-Feb-2025 22:45:30 ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0187183-017
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Feb-2025 11:19:00 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: PUV6 Date: 22-Feb-2025 23:16:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.073	0.003	86	4130	20.0	16.1	
2 Dichlorodifluoromethane	85	1.095	1.097	-0.002	98	52730	20.0	14.6	
3 Chlorodifluoromethane	67	1.113	1.109	0.004	97	7717	20.0	15.6	
4 Chloromethane	50	1.216	1.219	-0.003	99	66416	20.0	16.4	
5 Vinyl chloride	62	1.283	1.280	0.003	98	61596	20.0	20.4	
6 Butadiene	54	1.283	1.286	-0.003	97	60360	20.0	22.7	
7 Bromomethane	94	1.478	1.480	-0.002	99	44102	20.0	20.8	
8 Chloroethane	64	1.520	1.523	-0.003	99	34545	20.0	21.5	
10 Trichlorofluoromethane	101	1.648	1.645	0.003	98	67461	20.0	21.3	
9 Dichlorofluoromethane	67	1.642	1.645	-0.003	99	111701	20.0	21.7	
11 Pentane	43	1.673	1.675	-0.002	95	144918	40.0	34.5	
12 Ethanol	46	1.776	1.772	0.004	94	4141	800.0	661.9	M
13 Ethyl ether	59	1.806	1.809	-0.003	92	35383	20.0	20.7	
14 2-Methyl-1,3-butadiene	53	1.825	1.821	0.004	97	49500	20.0	19.5	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.837	1.839	-0.002	96	42240	20.0	20.4	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.873	1.876	-0.003	94	75932	20.0	20.5	a
18 Acrolein	56	1.934	1.931	0.003	65	18386	39.5	44.0	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.934	1.937	-0.003	95	51707	20.0	21.7	
19 1,1-Dichloroethene	96	1.958	1.961	-0.003	96	57969	20.0	19.8	
20 Acetone	43	2.019	2.022	-0.003	85	56954	100.0	99.5	
21 Iodomethane	142	2.074	2.071	0.003	99	126643	20.0	21.2	
22 Isopropyl alcohol	45	2.086	2.083	0.003	100	14209	200.0	164.6	
23 Carbon disulfide	76	2.098	2.101	-0.003	100	232652	20.0	20.3	
24 3-Chloro-1-propene	76	2.196	2.192	0.004	94	37324	20.0	19.0	
25 Methyl acetate	43	2.202	2.198	0.004	99	63967	40.0	38.3	
26 Cyclopentene	67	2.214	2.210	0.004	94	126798	20.0	15.0	
27 Acetonitrile	41	2.238	2.241	-0.003	97	61744	200.0	188.7	M
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	90	137235	1000.0	1000.0	
29 Methylene Chloride	84	2.287	2.290	-0.003	98	76776	20.0	21.6	
30 2-Methyl-2-propanol	59	2.330	2.332	-0.002	99	25157	200.0	175.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.415	2.411	0.004	97	147149	20.0	20.6	
32 trans-1,2-Dichloroethene	96	2.439	2.436	0.003	98	62609	20.0	20.3	
33 Acrylonitrile	53	2.494	2.490	0.004	93	173032	200.0	204.1	
34 Hexane	57	2.555	2.551	0.004	93	52956	20.0	18.9	
35 Isopropyl ether	45	2.725	2.722	0.003	99	185105	20.0	19.7	
36 1,1-Dichloroethane	63	2.755	2.752	0.003	99	116740	20.0	20.6	
37 Vinyl acetate	43	2.761	2.764	-0.003	100	157743	40.0	40.2	
38 2-Chloro-1,3-butadiene	88	2.792	2.788	0.004	92	47294	20.0	19.2	
39 Tert-butyl ethyl ether	59	2.987	2.983	0.004	88	162956	20.0	19.3	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	96	163015	250.0	250.0	
41 2,2-Dichloropropane	79	3.169	3.166	0.003	97	25168	20.0	20.0	
42 cis-1,2-Dichloroethene	96	3.193	3.190	0.003	94	63751	20.0	20.2	
43 2-Butanone (MEK)	72	3.212	3.208	0.004	97	15439	100.0	101.9	
44 Ethyl acetate	70	3.218	3.208	0.010	94	5875	40.0	39.8	
45 Methyl acrylate	55	3.266	3.263	0.003	99	25921	20.0	18.4	
46 Propionitrile	54	3.327	3.324	0.003	97	46307	200.0	186.3	
47 Chlorobromomethane	128	3.394	3.391	0.003	96	29937	20.0	19.6	
48 Tetrahydrofuran	72	3.400	3.397	0.003	92	8569	40.0	47.6	
49 Methacrylonitrile	67	3.412	3.409	0.003	95	143382	200.0	195.2	
50 Chloroform	83	3.437	3.439	-0.002	98	105003	20.0	20.7	
51 Cyclohexane	84	3.552	3.549	0.003	95	78882	20.0	23.2	
52 1,1,1-Trichloroethane	97	3.565	3.561	0.004	99	85121	20.0	21.9	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	95	114671	50.0	52.4	
54 Carbon tetrachloride	117	3.674	3.671	0.003	97	63899	20.0	20.5	
55 1,1-Dichloropropene	75	3.704	3.701	0.003	96	70108	20.0	19.7	
56 Isobutyl alcohol	43	3.850	3.847	0.003	38	42258	500.0	318.7	a
57 Isooctane	57	3.857	3.853	0.004	96	147747	20.0	20.2	
58 Benzene	78	3.881	3.883	-0.002	98	202779	20.0	20.1	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.899	3.902	-0.003	0	108437	50.0	50.5	
60 Isopropyl acetate	43	3.942	3.944	-0.002	79	99433	20.0	18.9	
61 Tert-amyl methyl ether	55	3.942	3.944	-0.002	86	43516	20.0	21.2	
62 1,2-Dichloroethane	62	3.972	3.969	0.003	96	63096	20.0	18.6	
63 n-Heptane	57	4.027	4.029	-0.002	97	19400	20.0	18.4	
* 64 Fluorobenzene	96	4.155	4.157	-0.002	98	437320	50.0	50.0	
65 Trichloroethene	95	4.501	4.498	0.003	97	48567	20.0	18.2	
67 Methylcyclohexane	83	4.611	4.613	-0.002	96	81500	20.0	21.2	
68 Ethyl acrylate	55	4.617	4.613	0.004	97	93114	20.0	20.1	
69 1,2-Dichloropropane	63	4.787	4.778	0.009	91	47278	20.0	19.1	
* 70 1,4-Dioxane-d8	96	4.854	4.857	-0.003	0	13199	1000.0	1000.0	
71 Methyl methacrylate	100	4.872	4.875	-0.003	94	10133	40.0	34.3	
72 Dibromomethane	93	4.915	4.912	0.003	93	30894	20.0	19.4	
73 1,4-Dioxane	88	4.915	4.912	0.003	32	3478	400.0	331.9	
74 n-Propyl acetate	43	4.945	4.942	0.003	98	28750	20.0	14.8	
75 Dichlorobromomethane	83	5.073	5.076	-0.003	98	55585	20.0	19.5	
76 2-Nitropropane	41	5.420	5.423	-0.003	92	8423	40.0	26.8	
77 2-Chloroethyl vinyl ether	63	5.438	5.435	0.003	93	14764	20.0	16.6	
78 Epichlorohydrin	57	5.566	5.538	0.028	88	1594	20.0	17.4	a
79 cis-1,3-Dichloropropene	75	5.596	5.593	0.003	95	51289	20.0	17.2	
80 4-Methyl-2-pentanone (MIBK)	43	5.773	5.775	-0.002	98	160081	100.0	108.8	
$ 81 Toluene-d8 (Surr)	98	5.846	5.842	0.004	99	280842	50.0	52.1	
82 Toluene	91	5.925	5.921	0.004	94	151671	20.0	19.9	
83 trans-1,3-Dichloropropene	75	6.326	6.329	-0.003	99	36593	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.375	6.372	0.003	94	26923	20.0	17.4	
85 1,1,2-Trichloroethane	83	6.552	6.548	0.004	96	25363	20.0	19.6	
86 Tetrachloroethene	166	6.588	6.585	0.004	97	36747	20.0	19.4	
87 1,3-Dichloropropane	76	6.783	6.779	0.004	97	39411	20.0	18.5	
88 2-Hexanone	58	6.880	6.877	0.004	99	40292	100.0	98.5	
89 n-Butyl acetate	43	7.026	7.023	0.004	98	35247	20.0	17.3	
90 Chlorodibromomethane	129	7.032	7.035	-0.003	98	27907	20.0	18.6	
91 Ethylene Dibromide	107	7.190	7.187	0.003	99	26535	20.0	19.1	
* 92 Chlorobenzene-d5	117	7.805	7.801	0.004	87	224693	50.0	50.0	
93 Chlorobenzene	112	7.841	7.838	0.003	94	87659	20.0	20.0	
94 Ethylbenzene	106	7.957	7.947	0.010	99	45816	20.0	20.5	
95 1,1,1,2-Tetrachloroethane	131	7.969	7.972	-0.003	93	39579	20.0	21.7	
96 m-Xylene & p-Xylene	106	8.115	8.111	0.004	0	55408	20.0	20.3	
97 o-Xylene	106	8.577	8.580	-0.003	94	67705	20.0	21.7	
98 n-Butyl acrylate	73	8.608	8.604	0.004	96	20927	20.0	18.4	
99 Styrene	104	8.614	8.616	-0.002	93	82958	20.0	21.0	
100 Bromoform	173	8.833	8.835	-0.002	94	13794	20.0	18.6	
101 Amyl acetate (mixed isomers)	43	8.863	8.860	0.003	88	63297	20.0	17.9	
102 Isopropylbenzene	105	8.973	8.969	0.004	96	167667	20.0	23.5	
$ 103 4-Bromofluorobenzene	174	9.180	9.176	0.004	92	68981	50.0	51.4	
104 Bromobenzene	156	9.301	9.298	0.003	98	37837	20.0	19.0	
105 1,1,2,2-Tetrachloroethane	83	9.380	9.377	0.003	98	40842	20.0	19.9	
106 N-Propylbenzene	91	9.386	9.389	-0.003	99	174259	20.0	19.8	
107 1,2,3-Trichloropropane	110	9.411	9.413	-0.002	97	8498	20.0	19.3	
108 trans-1,4-Dichloro-2-butene	53	9.441	9.444	-0.003	81	5773	20.0	17.0	
109 2-Chlorotoluene	91	9.484	9.486	-0.002	98	134413	20.0	20.0	
110 4-Ethyltoluene	105	9.502	9.505	-0.003	98	138602	20.0	19.4	
111 1,3,5-Trimethylbenzene	105	9.575	9.571	0.004	92	152647	20.0	21.7	
112 4-Chlorotoluene	91	9.599	9.602	-0.003	98	109676	20.0	19.2	
113 Butyl Methacrylate	87	9.697	9.693	0.004	95	56237	20.0	19.6	
114 tert-Butylbenzene	119	9.855	9.851	0.004	93	118717	20.0	20.8	
115 1,2,4-Trimethylbenzene	105	9.916	9.912	0.004	98	149317	20.0	20.7	
116 sec-Butylbenzene	105	10.056	10.052	0.004	99	175603	20.0	21.2	
117 1,3-Dichlorobenzene	146	10.177	10.174	0.003	94	74578	20.0	19.6	
118 4-Isopropyltoluene	119	10.183	10.186	-0.003	97	141737	20.0	20.0	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	96	143158	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.262	10.259	0.003	95	79684	20.0	20.1	
121 1,2,3-Trimethylbenzene	105	10.281	10.283	-0.002	99	176769	20.0	21.4	
122 Benzyl chloride	91	10.396	10.393	0.003	98	45272	20.0	16.5	
123 2,3-Dihydroindene	117	10.445	10.448	-0.003	95	159045	20.0	22.4	
124 p-Diethylbenzene	119	10.512	10.508	0.004	92	82278	20.0	19.7	
125 n-Butylbenzene	92	10.530	10.533	-0.003	94	70415	20.0	20.0	a
126 1,2-Dichlorobenzene	146	10.573	10.575	-0.002	95	86696	20.0	20.9	
127 1,2,4,5-Tetramethylbenzene	119	11.138	11.141	-0.003	97	159445	20.0	20.3	
128 1,2-Dibromo-3-Chloropropane	157	11.218	11.220	-0.002	92	8260	20.0	18.7	
129 1,3,5-Trichlorobenzene	180	11.333	11.330	0.003	97	71784	20.0	20.5	
130 1,2,4-Trichlorobenzene	180	11.808	11.804	0.004	94	69856	20.0	21.2	
131 Hexachlorobutadiene	225	11.893	11.889	0.004	91	22043	20.0	20.5	
132 Naphthalene	128	11.990	11.987	0.003	99	169441	20.0	20.9	
133 1,2,3-Trichlorobenzene	180	12.167	12.163	0.004	95	60513	20.0	20.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 135 Xylenes, Total	100				0		40.0	42.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	102.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS C SP_00611	Amount Added:	20.00	Units: uL	
8260 SP_00189	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00174	Amount Added:	4.00	Units: uL	
7 Freons SS_00024	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Feb-2025 11:19:01 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13311.D

Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8 Operator ID:

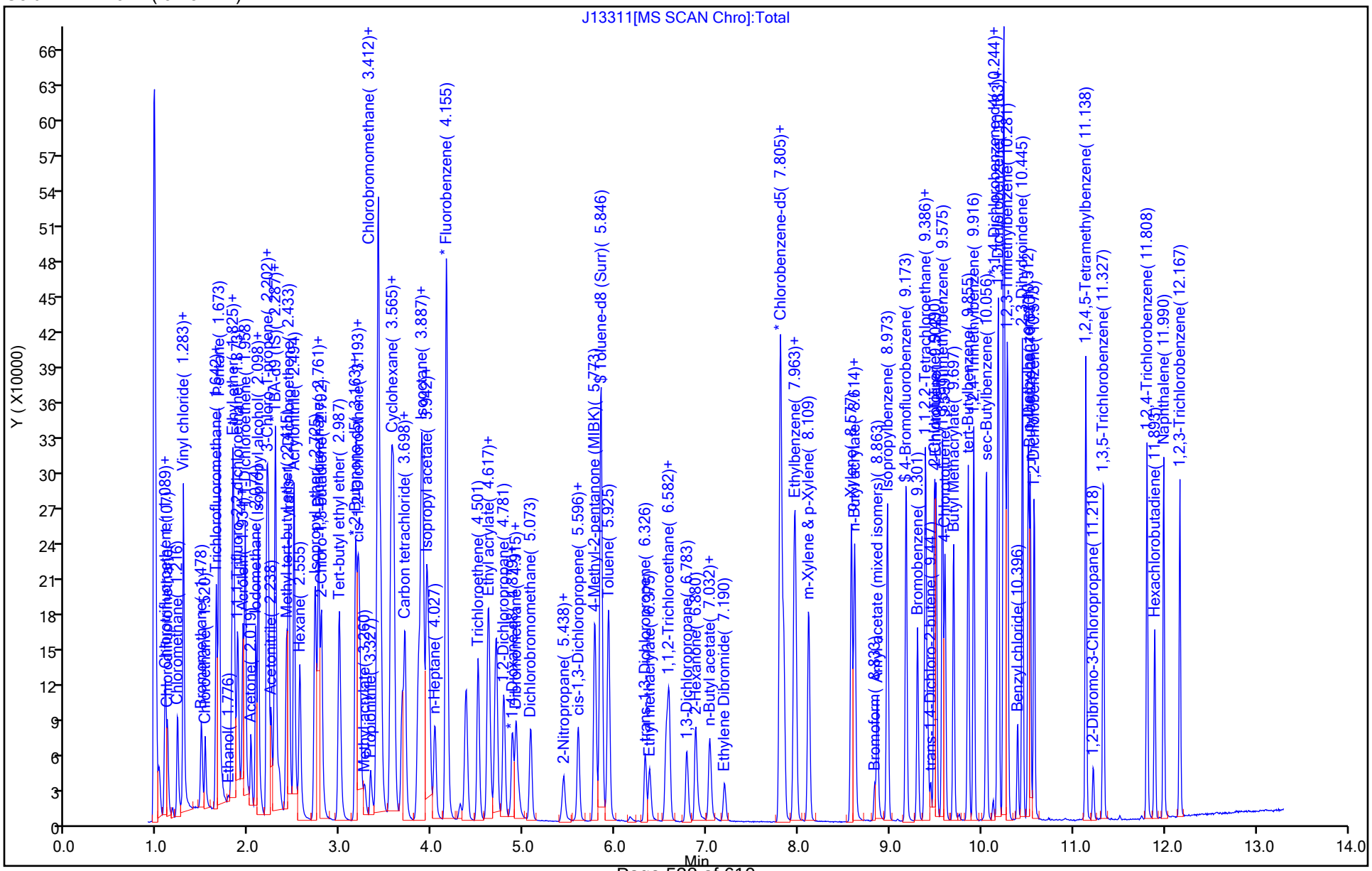
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

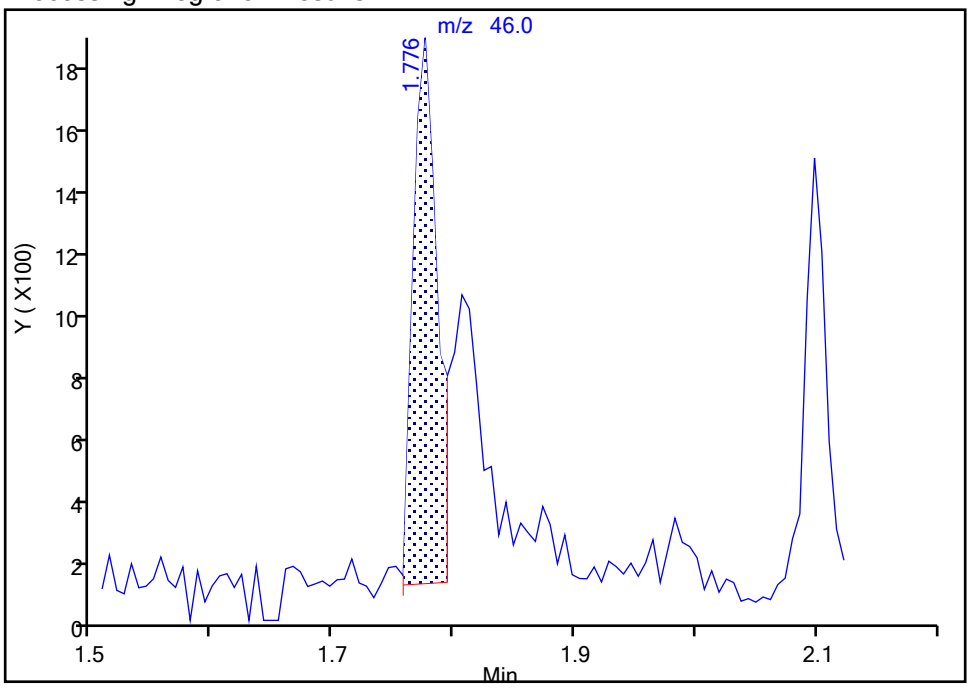
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Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Ethanol, CAS: 64-17-5

Signal: 1

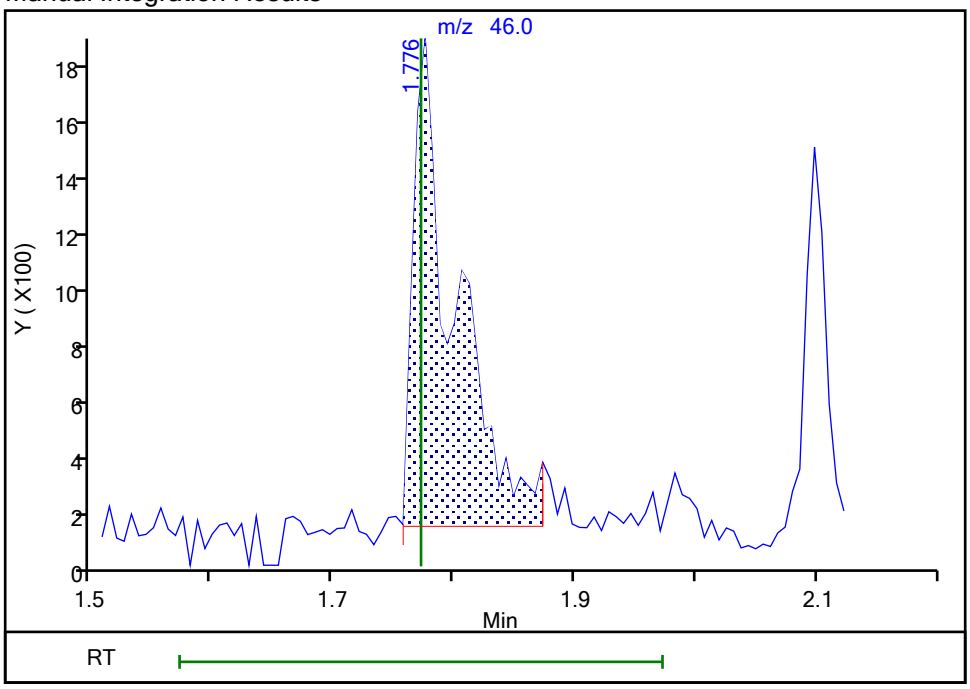
Processing Integration Results

RT: 1.78
Area: 2418
Amount: 386.4823
Amount Units: ug/l



Manual Integration Results

RT: 1.78
Area: 4141
Amount: 661.8789
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:16:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

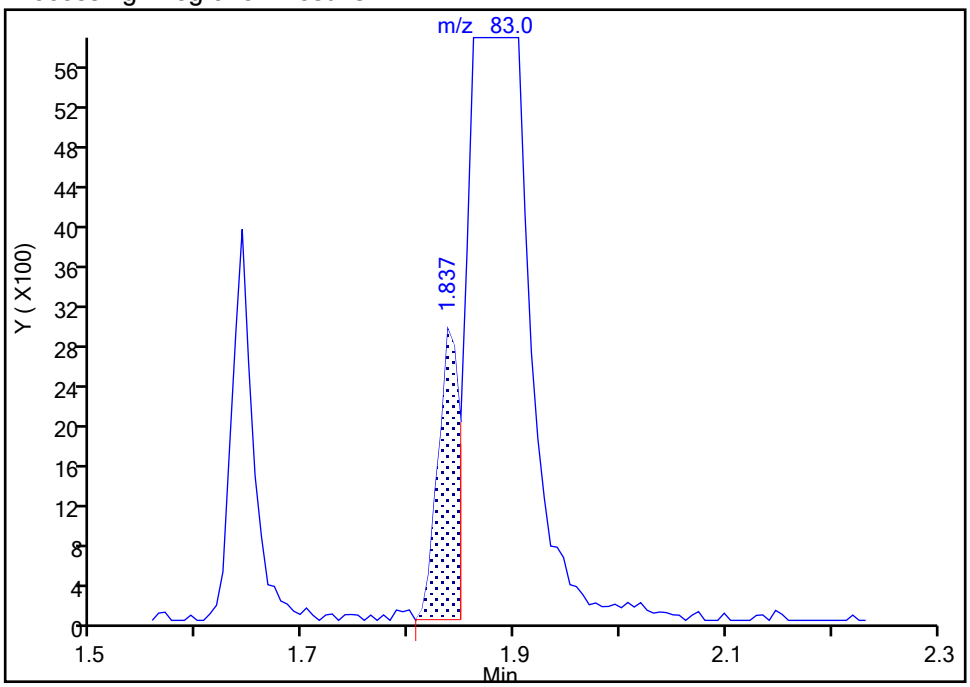
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Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

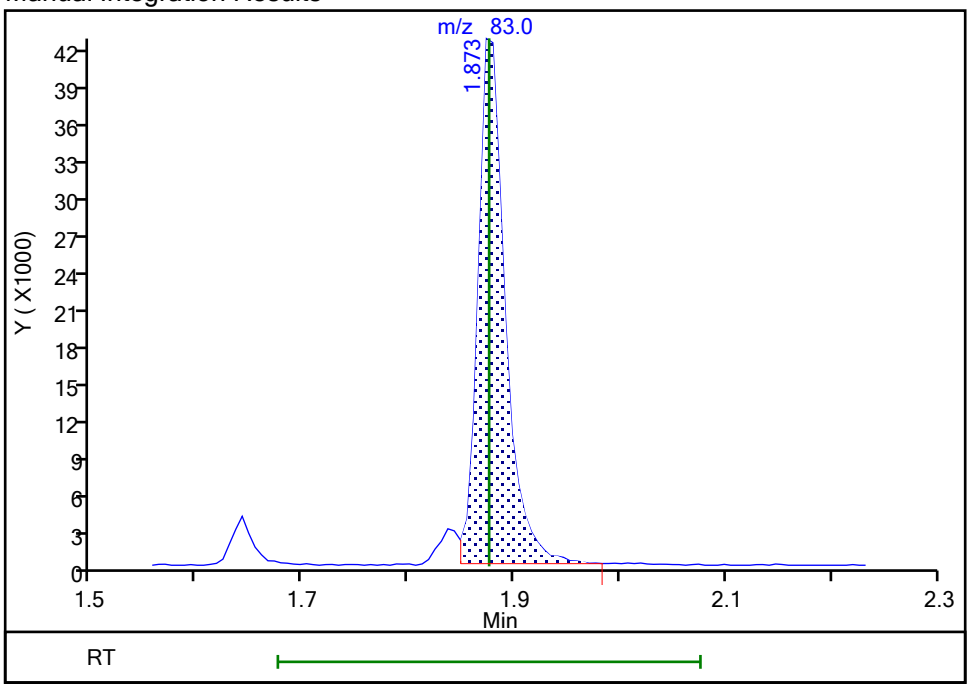
Processing Integration Results

RT: 1.84
Area: 4184
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 75932
Amount: 20.487639
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:14:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

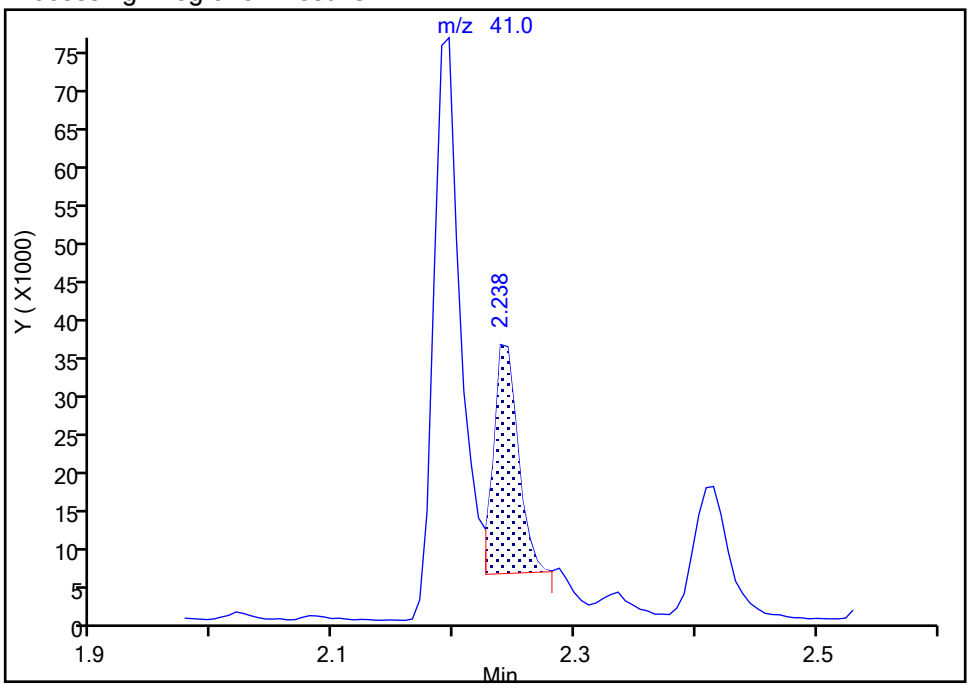
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Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

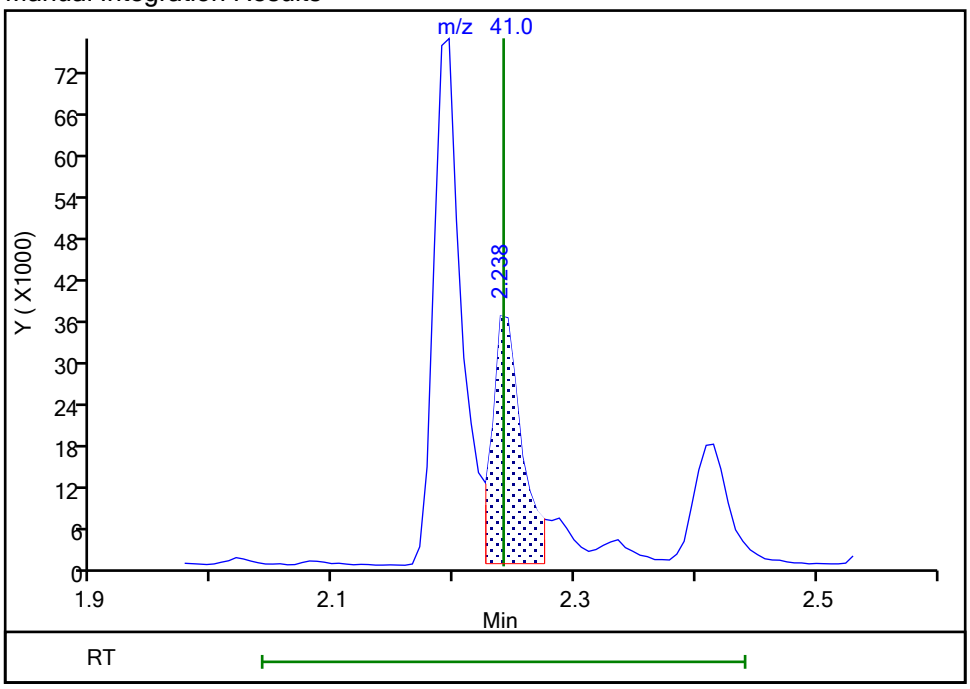
Processing Integration Results

RT: 2.24
Area: 42212
Amount: 128.9911
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 61744
Amount: 188.6768
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:17:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

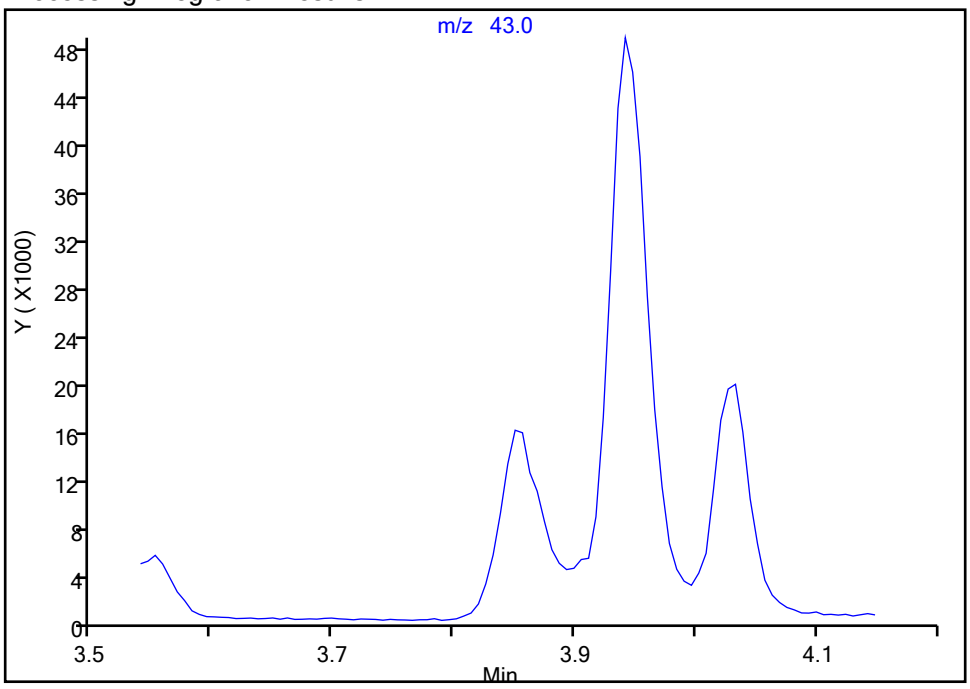
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Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

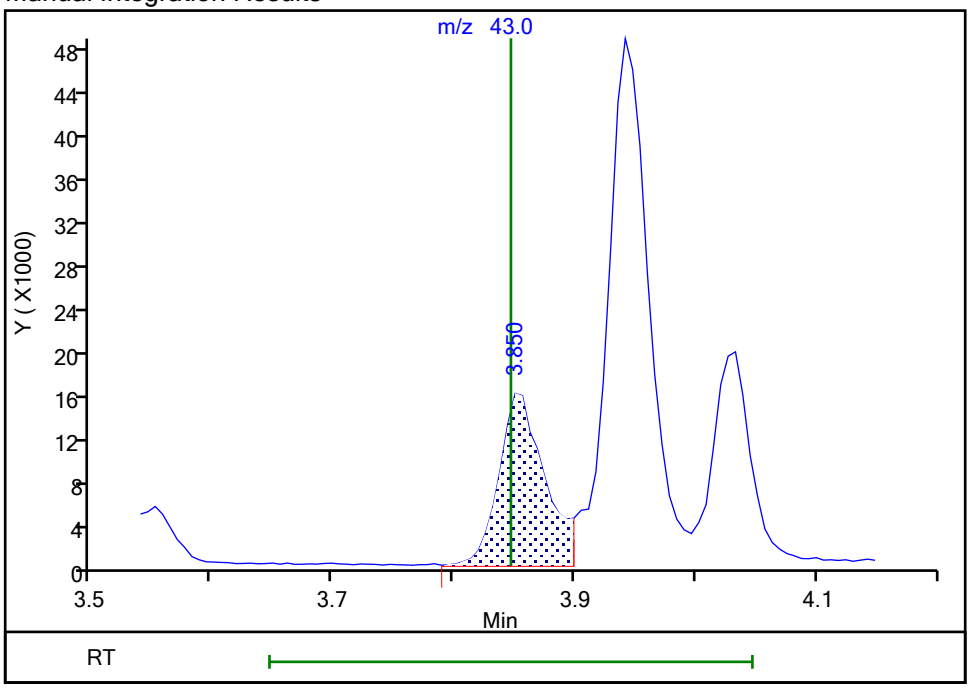
Not Detected
Expected RT: 3.85

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 42258
Amount: 318.6717
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:14:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

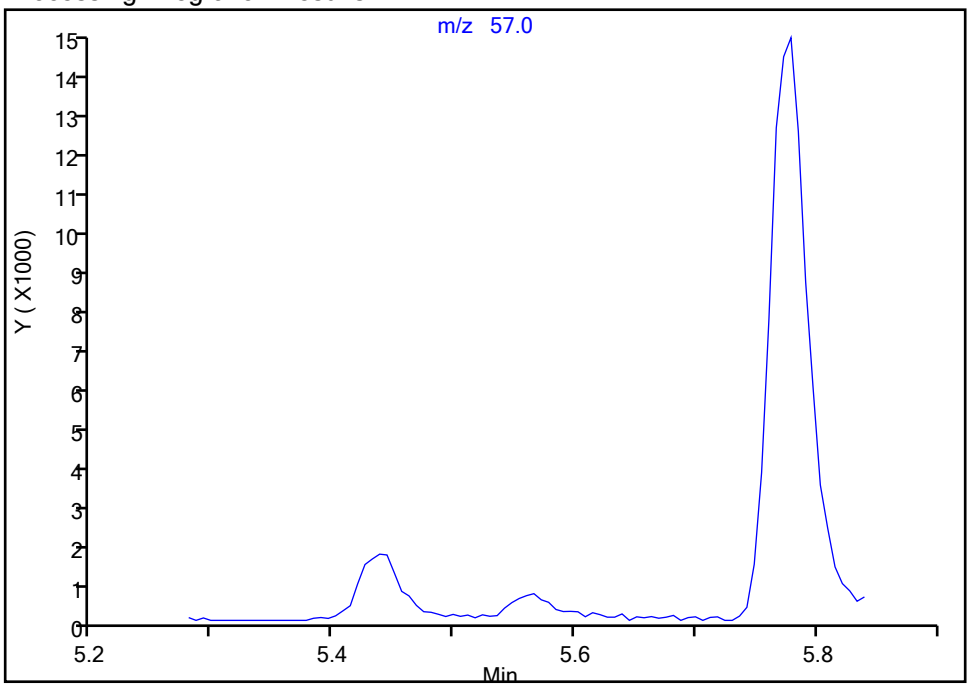
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Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

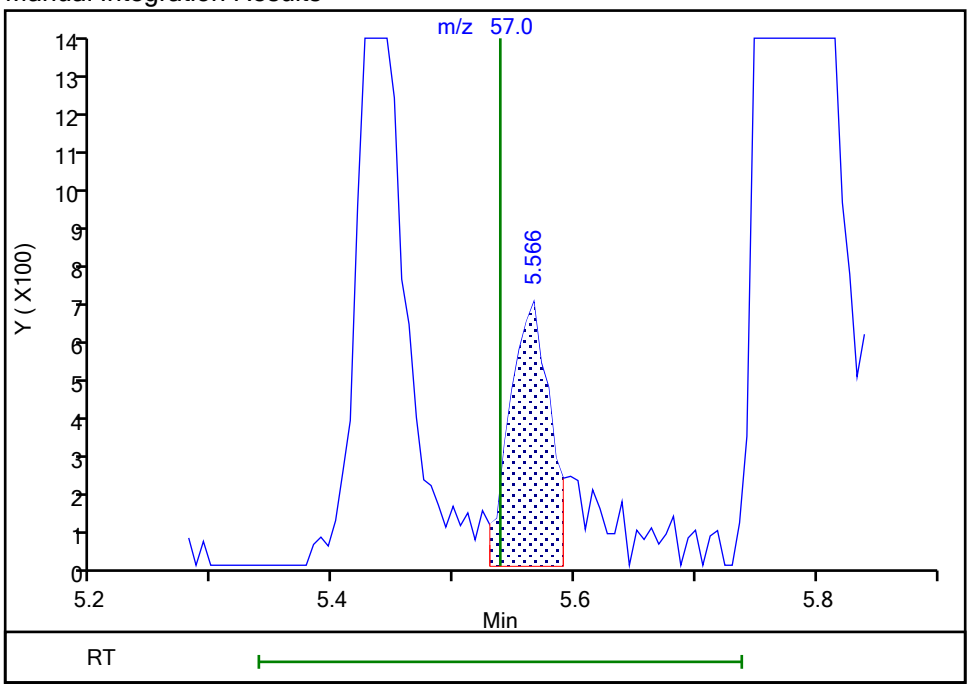
Not Detected
Expected RT: 5.54

Processing Integration Results



Manual Integration Results

RT: 5.57
Area: 1594
Amount: 17.446306
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:14:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

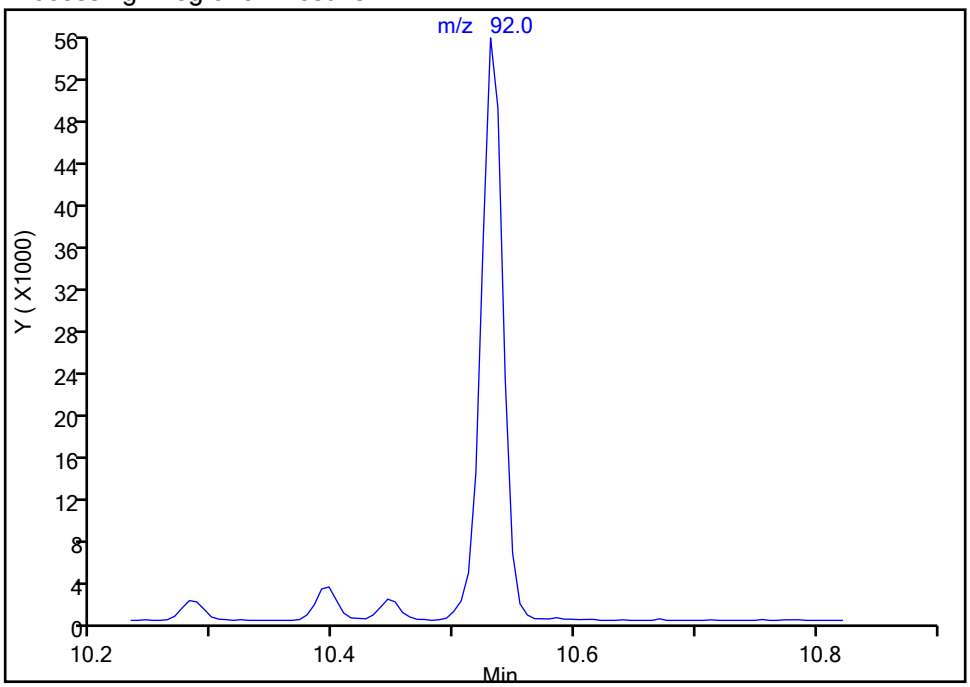
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Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Signal: 1

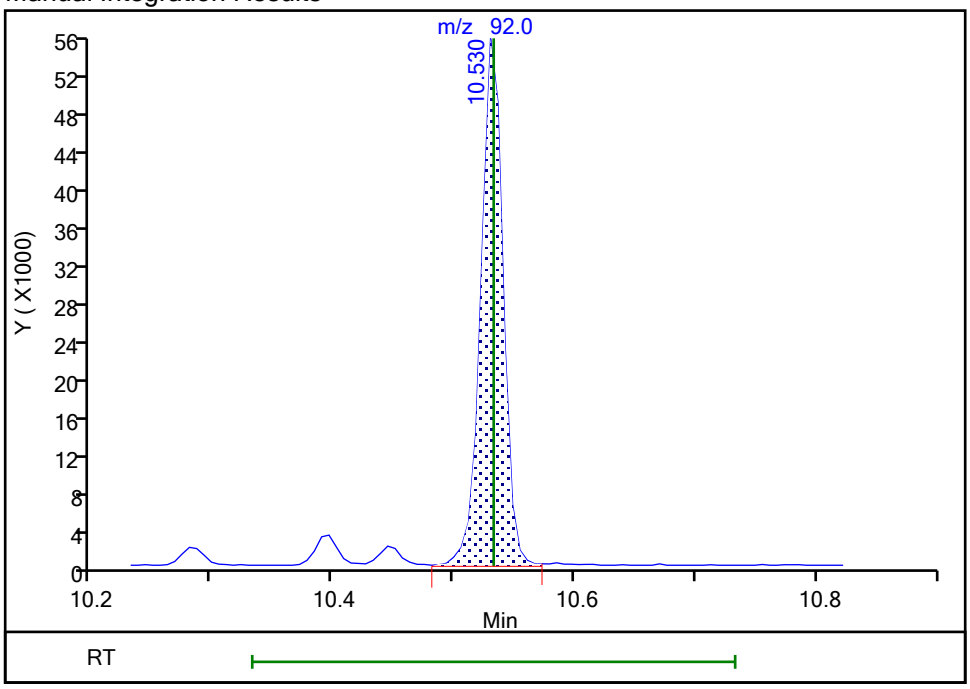
Not Detected
Expected RT: 10.53

Processing Integration Results



Manual Integration Results

RT: 10.53
Area: 70415
Amount: 20.014663
Amount Units: ug/l



Reviewer: NN6A, 23-Feb-2025 11:15:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

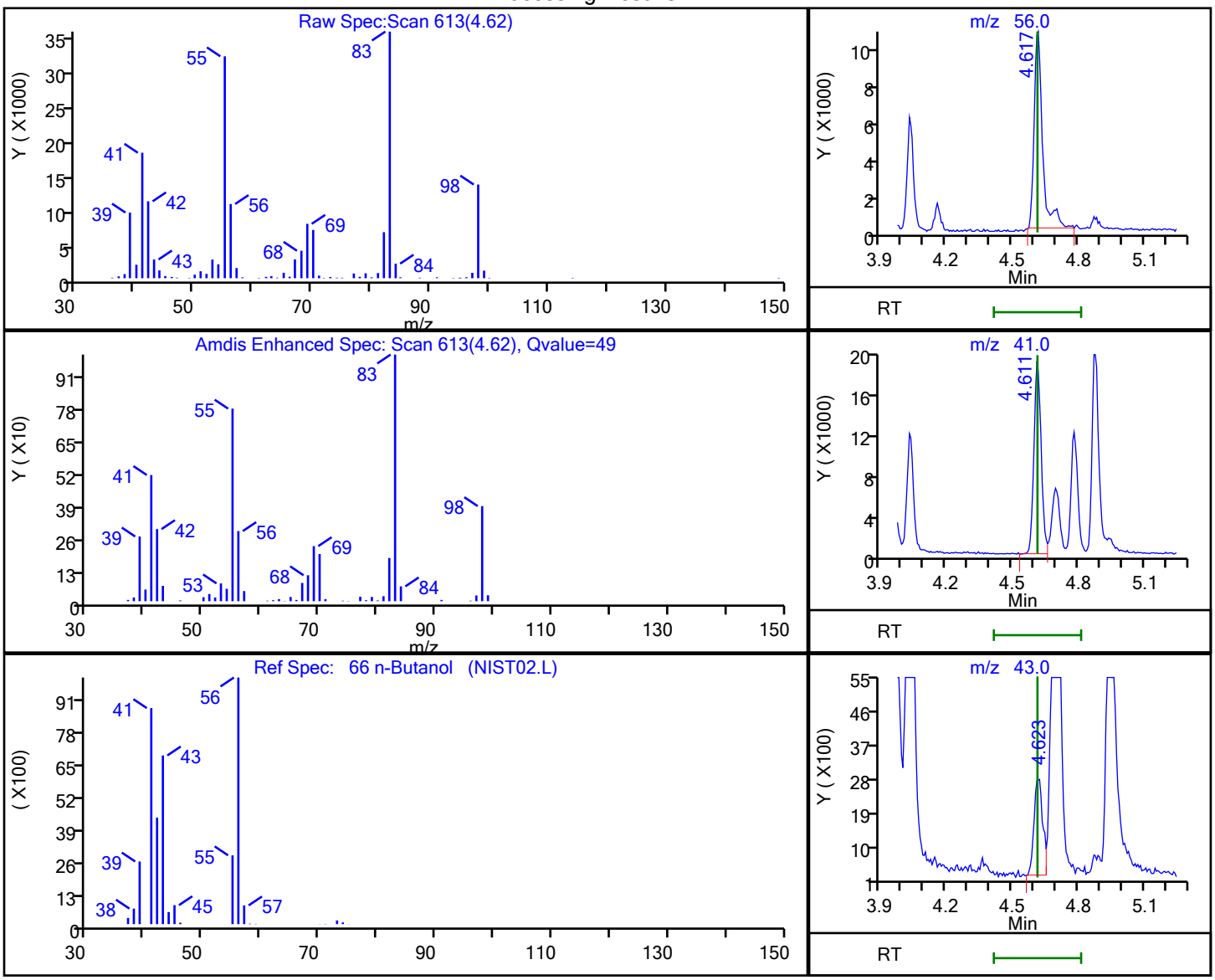
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13311.D
Injection Date: 22-Feb-2025 22:45:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.62	56.00	29028	1439.4137
4.61	41.00	43972	
4.62	43.00	7241	

Reviewer: NN6A, 23-Feb-2025 11:14:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: CCVIS 460-1022545/2 Calibration Date: 02/23/2025 04:00

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13313.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0293	0.0270		18.4	20.0	-7.9	20.0
Dichlorodifluoromethane	Ave	0.4141	0.3696	0.1000	17.9	20.0	-10.7	20.0
Chlorodifluoromethane	Ave	0.0564	0.0573		20.3	20.0	1.6	20.0
Chloromethane	Ave	0.4617	0.4509	0.1000	19.5	20.0	-2.3	20.0
Vinyl chloride	Ave	0.3451	0.3499	0.1000	20.3	20.0	1.4	20.0
Butadiene	Ave	0.3046	0.3141		20.6	20.0	3.1	20.0
Bromomethane	Ave	0.2428	0.2546	0.1000	21.0	20.0	4.9	50.0
Chloroethane	Ave	0.1839	0.1963	0.1000	21.3	20.0	6.7	50.0
Dichlorofluoromethane	Ave	0.5875	0.6453		22.0	20.0	9.8	20.0
Trichlorofluoromethane	Ave	0.3619	0.3759	0.1000	20.8	20.0	3.9	20.0
Pentane	Ave	0.4804	0.4965		41.3	40.0	3.3	20.0
Ethanol	Ave	0.0456	0.0789		1380	800	73.0*	50.0
Ethyl ether	Lin2		0.2070		21.2	20.0	6.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2898	0.2903		20.0	20.0	0.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2365	0.2594		21.9	20.0	9.6	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4237	0.4577		21.6	20.0	8.0	20.0
Acrolein	Ave	3.044	2.661		35.0	40.0	-12.6	50.0
Freon TF	Ave	0.2729	0.2838	0.1000	20.8	20.0	4.0	20.0
1,1-Dichloroethene	Ave	0.3341	0.3388	0.1000	20.3	20.0	1.4	20.0
Acetone	Ave	0.8782	0.9163	0.0500	104	100	4.3	50.0
Iodomethane	Ave	0.6816	0.7332		21.5	20.0	7.6	20.0
Isopropyl alcohol	Ave	0.6291	0.7484		238	200	19.0	50.0
Carbon disulfide	Ave	1.310	1.416	0.1000	21.6	20.0	8.1	50.0
3-Chloro-1-propene	Ave	0.2244	0.2279		20.3	20.0	1.5	20.0
Methyl acetate	Ave	12.18	12.79	0.0500	42.0	40.0	5.1	20.0
Cyclopentene	Ave	0.9673	0.9773		20.2	20.0	1.0	20.0
Acetonitrile	Ave	2.385	2.747		230	200	15.2	20.0
Methylene Chloride	Ave	0.4061	0.4168	0.1000	20.5	20.0	2.6	20.0
2-Methyl-2-propanol	Ave	1.042	1.136		218	200	9.0	50.0
MTBE	Ave	0.8150	0.8233	0.1000	20.2	20.0	1.0	20.0
trans-1,2-Dichloroethene	Ave	0.3534	0.3614	0.1000	20.5	20.0	2.3	20.0
Acrylonitrile	Ave	6.178	6.909		224	200	11.8	20.0
Hexane	Ave	0.3212	0.3409		21.2	20.0	6.2	20.0
Isopropyl ether	Ave	1.074	1.150		21.4	20.0	7.1	20.0
1,1-Dichloroethane	Ave	0.6477	0.6886	0.2000	21.3	20.0	6.3	20.0
Vinyl acetate	Ave	0.4490	0.5251		46.8	40.0	16.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2822	0.2894		20.5	20.0	2.6	20.0
Tert-butyl ethyl ether	Ave	0.9652	1.018		21.1	20.0	5.5	20.0
2,2-Dichloropropane	Ave	0.1436	0.1558		21.7	20.0	8.5	20.0
cis-1,2-Dichloroethene	Ave	0.3613	0.3766	0.1000	20.8	20.0	4.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: CCVIS 460-1022545/2 Calibration Date: 02/23/2025 04:00

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13313.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone	Ave	0.2323	0.2332	0.0500	100	100	0.4	50.0
Ethyl acetate	Ave	0.2264	0.2362		41.7	40.0	4.3	20.0
Methyl acrylate	Ave	0.1608	0.1522		18.9	20.0	-5.4	20.0
Propionitrile	Ave	1.811	1.921		212	200	6.0	20.0
Chlorobromomethane	Ave	0.1745	0.1747		20.0	20.0	0.1	20.0
Tetrahydrofuran	Ave	0.2763	0.3053		44.2	40.0	10.5	20.0
Methacrylonitrile	Ave	0.0840	0.0845		201	200	0.6	20.0
Chloroform	Ave	0.5792	0.6052	0.2000	20.9	20.0	4.5	20.0
Cyclohexane	Ave	0.3890	0.3878	0.1000	19.9	20.0	-0.3	50.0
1,1,1-Trichloroethane	Ave	0.4451	0.4693	0.1000	21.1	20.0	5.4	20.0
Carbon tetrachloride	Ave	0.3565	0.3754	0.1000	21.1	20.0	5.3	20.0
1,1-Dichloropropene	Ave	0.4072	0.4092		20.1	20.0	0.5	20.0
Isobutyl alcohol	QuaF		0.7977		413	500	-17.4	20.0
Isooctane	Ave	0.8368	0.9923		23.7	20.0	18.6	20.0
Benzene	Ave	2.244	2.237	0.5000	19.9	20.0	-0.3	20.0
Isopropyl acetate	Ave	0.6027	0.6163		20.5	20.0	2.3	20.0
Tert-amyl methyl ether	Ave	0.2352	0.2613		22.2	20.0	11.1	20.0
1,2-Dichloroethane	Ave	0.3885	0.3836	0.1000	19.7	20.0	-1.3	20.0
n-Heptane	Ave	0.1203	0.1350		22.4	20.0	12.2	20.0
Trichloroethene	Ave	0.3054	0.2931	0.2000	19.2	20.0	-4.0	20.0
Methylcyclohexane	Ave	0.4386	0.4676	0.1000	21.3	20.0	6.6	50.0
n-Butanol	Ave	0.1469	0.4576		1560	500	211.4*	50.0
Ethyl acrylate	Ave	0.5286	0.5490		20.8	20.0	3.9	20.0
1,2-Dichloropropane	Ave	0.2833	0.2938	0.1000	20.7	20.0	3.7	20.0
Methyl methacrylate	Ave	0.0337	0.0318		37.7	40.0	-5.6	20.0
1,4-Dioxane	Ave	0.7939	1.114		561	400	40.3	50.0
Dibromomethane	Ave	0.1819	0.1828		20.1	20.0	0.5	20.0
n-Propyl acetate	Ave	0.2225	0.1972		17.7	20.0	-11.4	20.0
Bromodichloromethane	Ave	0.3259	0.3363	0.2000	20.6	20.0	3.2	20.0
2-Nitropropane	Ave	2.292	2.077		36.3	40.0	-9.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1018	0.0941		18.5	20.0	-7.5	20.0
Epichlorohydrin	Lin2		0.1701		424	400	6.1	20.0
cis-1,3-Dichloropropene	Ave	0.6651	0.6924	0.2000	20.8	20.0	4.1	50.0
4-Methyl-2-pentanone	Ave	2.257	2.512	0.0500	111	100	11.3	50.0
Toluene	Ave	1.698	1.746	0.4000	20.6	20.0	2.9	20.0
trans-1,3-Dichloropropene	Ave	0.4401	0.4492	0.1000	20.4	20.0	2.1	50.0
Ethyl methacrylate	Ave	0.1765	0.1763		20.0	20.0	-0.1	20.0
1,1,2-Trichloroethane	Ave	0.2886	0.2985	0.1000	20.7	20.0	3.4	20.0
Tetrachloroethene	Ave	0.4213	0.4118	0.2000	19.6	20.0	-2.2	20.0
1,3-Dichloropropane	Ave	0.4744	0.4665		19.7	20.0	-1.7	20.0
2-Hexanone	Ave	0.6273	0.6447	0.0500	103	100	2.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: CCVIS 460-1022545/2 Calibration Date: 02/23/2025 04:00

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13313.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.4547	0.4315		19.0	20.0	-5.1	20.0
Dibromochloromethane	Ave	0.3344	0.3407	0.1000	20.4	20.0	1.9	50.0
1,2-Dibromoethane	Ave	0.3092	0.3093	0.1000	20.0	20.0	0.0	20.0
Chlorobenzene	Ave	0.9750	1.033	0.5000	21.2	20.0	5.9	20.0
Ethylbenzene	Ave	0.4977	0.5359	0.1000	21.5	20.0	7.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4050	0.4581		22.6	20.0	13.1	20.0
m-Xylene & p-Xylene	Ave	0.6067	0.6417	0.1000	21.2	20.0	5.8	20.0
o-Xylene	Ave	0.6957	0.7841	0.3000	22.5	20.0	12.7	20.0
n-Butyl acrylate	Ave	0.2528	0.2535		20.0	20.0	0.2	20.0
Styrene	Ave	0.8810	0.9733	0.3000	22.1	20.0	10.5	20.0
Bromoform	Ave	0.1651	0.1745	0.1000	21.1	20.0	5.7	20.0
Amyl acetate (mixed isomers)	Ave	1.237	1.306		21.1	20.0	5.6	20.0
Isopropylbenzene	Ave	1.585	1.789	0.1000	22.6	20.0	12.9	20.0
Bromobenzene	Ave	0.6960	0.6935		19.9	20.0	-0.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7151	0.7359	0.3000	20.6	20.0	2.9	20.0
N-Propylbenzene	Ave	3.070	3.225		21.0	20.0	5.1	20.0
1,2,3-Trichloropropane	Ave	0.1539	0.1602		20.8	20.0	4.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1189	0.1250		21.0	20.0	5.1	20.0
2-Chlorotoluene	Ave	2.350	2.455		20.9	20.0	4.5	20.0
4-Ethyltoluene	Ave	2.502	2.587		20.7	20.0	3.4	20.0
1,3,5-Trimethylbenzene	Ave	2.455	2.636		21.5	20.0	7.3	20.0
4-Chlorotoluene	Ave	1.995	2.138		21.4	20.0	7.2	20.0
Butyl Methacrylate	Ave	1.002	1.062		21.2	20.0	6.0	20.0
tert-Butylbenzene	Ave	1.990	2.187		22.0	20.0	9.9	20.0
1,2,4-Trimethylbenzene	Ave	2.520	2.672		21.2	20.0	6.0	20.0
sec-Butylbenzene	Ave	2.893	3.248		22.5	20.0	12.3	20.0
1,3-Dichlorobenzene	Ave	1.327	1.386	0.6000	20.9	20.0	4.4	20.0
4-Isopropyltoluene	Ave	2.472	2.688		21.7	20.0	8.7	20.0
1,4-Dichlorobenzene	Ave	1.386	1.408	0.5000	20.3	20.0	1.6	20.0
1,2,3-Trimethylbenzene	Ave	2.891	3.127		21.6	20.0	8.2	20.0
Benzyl chloride	Ave	0.9584	1.105		23.1	20.0	15.3	50.0
Indan	Ave	2.482	2.751		22.2	20.0	10.9	20.0
p-Diethylbenzene	Ave	1.458	1.560		21.4	20.0	6.9	20.0
n-Butylbenzene	Ave	1.229	1.322		21.5	20.0	7.6	20.0
1,2-Dichlorobenzene	Ave	1.448	1.516	0.4000	20.9	20.0	4.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.741	2.972		21.7	20.0	8.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1545	0.1627	0.0500	21.1	20.0	5.3	50.0
1,3,5-Trichlorobenzene	Ave	1.222	1.366		22.4	20.0	11.8	20.0
1,2,4-Trichlorobenzene	Ave	1.150	1.341	0.2000	23.3	20.0	16.6	20.0
Hexachlorobutadiene	Ave	0.3753	0.4679		24.9	20.0	24.7*	20.0
Naphthalene	Ave	2.831	3.016		21.3	20.0	6.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Lab Sample ID: CCVIS 460-1022545/2 Calibration Date: 02/23/2025 04:00

Instrument ID: CVOAMS8 Calib Start Date: 02/22/2025 17:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/22/2025 20:05

Lab File ID: J13313.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.038	1.200		23.1	20.0	15.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2501	0.2454		49.1	50.0	-1.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2456	0.2431		49.5	50.0	-1.0	20.0
Toluene-d8 (Surr)	Ave	1.201	1.172		48.8	50.0	-2.4	20.0
Bromofluorobenzene	Ave	0.2984	0.2891		48.5	50.0	-3.1	20.0

Report Date: 24-Feb-2025 14:03:54 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13313.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Feb-2025 04:00:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 14:03:53 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 23-Feb-2025 04:43:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.076	0.000	88	4947	20.0	18.4	
2 Dichlorodifluoromethane	85	1.094	1.094	0.000	99	67706	20.0	17.9	
3 Chlorodifluoromethane	67	1.112	1.112	0.000	97	10502	20.0	20.3	
4 Chloromethane	50	1.222	1.222	0.000	100	82582	20.0	19.5	
5 Vinyl chloride	62	1.283	1.283	0.000	97	64086	20.0	20.3	
6 Butadiene	54	1.289	1.289	0.000	96	57529	20.0	20.6	
7 Bromomethane	94	1.483	1.483	0.000	99	46630	20.0	21.0	
8 Chloroethane	64	1.526	1.526	0.000	98	35951	20.0	21.3	
10 Trichlorofluoromethane	101	1.648	1.648	0.000	98	68858	20.0	20.8	
9 Dichlorofluoromethane	67	1.642	1.642	0.000	99	118201	20.0	22.0	
11 Pentane	43	1.672	1.672	0.000	95	181881	40.0	41.3	
12 Ethanol	46	1.775	1.775	0.000	99	8506	800.0	1383.9	
13 Ethyl ether	59	1.806	1.806	0.000	94	37915	20.0	21.2	
14 2-Methyl-1,3-butadiene	53	1.824	1.824	0.000	94	53170	20.0	20.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.842	1.842	0.000	97	47504	20.0	21.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.879	1.879	0.000	94	83835	20.0	21.6	a
18 Acrolein	56	1.934	1.934	0.000	91	14352	40.0	35.0	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.934	1.934	0.000	96	51987	20.0	20.8	
19 1,1-Dichloroethene	96	1.964	1.964	0.000	96	62059	20.0	20.3	
20 Acetone	43	2.025	2.025	0.000	85	66962	100.0	104.3	
21 Iodomethane	142	2.073	2.073	0.000	99	134289	20.0	21.5	
22 Isopropyl alcohol	45	2.086	2.086	0.000	99	20180	200.0	237.9	
23 Carbon disulfide	76	2.104	2.104	0.000	100	259305	20.0	21.6	
24 3-Chloro-1-propene	76	2.195	2.195	0.000	97	41741	20.0	20.3	
25 Methyl acetate	43	2.201	2.201	0.000	99	68979	40.0	42.0	
26 Cyclopentene	67	2.213	2.213	0.000	95	179014	20.0	20.2	
27 Acetonitrile	41	2.244	2.244	0.000	99	74064	200.0	230.4	
* 28 TBA-d9 (IS)	65	2.280	2.280	0.000	90	134821	1000.0	1000.0	
29 Methylene Chloride	84	2.292	2.292	0.000	99	76342	20.0	20.5	
30 2-Methyl-2-propanol	59	2.335	2.335	0.000	98	30634	200.0	218.1	
31 Methyl tert-butyl ether	73	2.414	2.414	0.000	98	150798	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.438	2.438	0.000	98	66193	20.0	20.5	
33 Acrylonitrile	53	2.493	2.493	0.000	93	186289	200.0	223.6	
34 Hexane	57	2.554	2.554	0.000	93	62448	20.0	21.2	
35 Isopropyl ether	45	2.724	2.724	0.000	98	210640	20.0	21.4	
36 1,1-Dichloroethane	63	2.755	2.755	0.000	99	126118	20.0	21.3	
37 Vinyl acetate	43	2.767	2.767	0.000	100	192347	40.0	46.8	
38 2-Chloro-1,3-butadiene	88	2.791	2.791	0.000	92	53016	20.0	20.5	
39 Tert-butyl ethyl ether	59	2.986	2.986	0.000	87	186541	20.0	21.1	
* 40 2-Butanone-d5	46	3.162	3.162	0.000	97	182690	250.0	250.0	
41 2,2-Dichloropropane	79	3.175	3.175	0.000	95	28530	20.0	21.7	
42 cis-1,2-Dichloroethene	96	3.199	3.199	0.000	94	68981	20.0	20.8	
43 2-Butanone (MEK)	72	3.211	3.211	0.000	95	17041	100.0	100.4	
44 Ethyl acetate	70	3.217	3.217	0.000	94	6904	40.0	41.7	
45 Methyl acrylate	55	3.266	3.266	0.000	99	27880	20.0	18.9	
46 Propionitrile	54	3.327	3.327	0.000	97	51794	200.0	212.1	
47 Chlorobromomethane	128	3.394	3.394	0.000	96	31991	20.0	20.0	
48 Tetrahydrofuran	72	3.406	3.406	0.000	97	8923	40.0	44.2	
49 Methacrylonitrile	67	3.412	3.412	0.000	95	154688	200.0	201.2	
50 Chloroform	83	3.442	3.442	0.000	98	110851	20.0	20.9	
51 Cyclohexane	84	3.552	3.552	0.000	97	71028	20.0	19.9	
52 1,1,1-Trichloroethane	97	3.564	3.564	0.000	99	85958	20.0	21.1	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.582	0.000	95	112360	50.0	49.1	
54 Carbon tetrachloride	117	3.673	3.673	0.000	98	68763	20.0	21.1	
55 1,1-Dichloropropene	75	3.704	3.704	0.000	97	74945	20.0	20.1	
56 Isobutyl alcohol	43	3.856	3.856	0.000	39	53775	500.0	413.2	a
57 Isooctane	57	3.856	3.856	0.000	95	181754	20.0	23.7	
58 Benzene	78	3.886	3.886	0.000	97	216741	20.0	19.9	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.905	3.905	0.000	0	111304	50.0	49.5	
60 Isopropyl acetate	43	3.947	3.947	0.000	81	112880	20.0	20.5	
61 Tert-amyl methyl ether	55	3.947	3.947	0.000	86	47867	20.0	22.2	
62 1,2-Dichloroethane	62	3.978	3.978	0.000	97	70265	20.0	19.7	
63 n-Heptane	57	4.032	4.032	0.000	98	24726	20.0	22.4	
* 64 Fluorobenzene	96	4.160	4.160	0.000	98	457911	50.0	50.0	
65 Trichloroethene	95	4.501	4.501	0.000	98	53688	20.0	19.2	
66 n-Butanol	56	4.616	4.616	0.000	49	30849	500.0	1557.1	
67 Methylcyclohexane	83	4.616	4.616	0.000	96	85640	20.0	21.3	
68 Ethyl acrylate	55	4.622	4.622	0.000	91	100558	20.0	20.8	
69 1,2-Dichloropropane	63	4.787	4.787	0.000	90	53820	20.0	20.7	
* 70 1,4-Dioxane-d8	96	4.866	4.866	0.000	0	13067	1000.0	1000.0	
71 Methyl methacrylate	100	4.878	4.878	0.000	95	11665	40.0	37.7	
72 Dibromomethane	93	4.921	4.921	0.000	93	33486	20.0	20.1	
73 1,4-Dioxane	88	4.914	4.914	0.000	35	5823	400.0	561.3	
74 n-Propyl acetate	43	4.945	4.945	0.000	98	36113	20.0	17.7	
75 Dichlorobromomethane	83	5.079	5.079	0.000	99	61590	20.0	20.6	
76 2-Nitropropane	41	5.419	5.419	0.000	95	11203	40.0	36.3	
77 2-Chloroethyl vinyl ether	63	5.444	5.444	0.000	91	17282	20.0	18.5	
78 Epichlorohydrin	57	5.547	5.547	0.000	99	49730	400.0	424.5	
79 cis-1,3-Dichloropropene	75	5.596	5.596	0.000	94	67075	20.0	20.8	
80 4-Methyl-2-pentanone (MIBK)	43	5.778	5.778	0.000	98	183534	100.0	111.3	
$ 81 Toluene-d8 (Surr)	98	5.845	5.845	0.000	98	283815	50.0	48.8	
82 Toluene	91	5.924	5.924	0.000	93	169167	20.0	20.6	
83 trans-1,3-Dichloropropene	75	6.326	6.326	0.000	98	43518	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.381	6.381	0.000	94	32291	20.0	20.0	
85 1,1,2-Trichloroethane	83	6.557	6.557	0.000	96	28920	20.0	20.7	
86 Tetrachloroethene	166	6.587	6.587	0.000	93	39889	20.0	19.6	
87 1,3-Dichloropropane	76	6.782	6.782	0.000	96	45193	20.0	19.7	
88 2-Hexanone	58	6.879	6.879	0.000	99	47110	100.0	102.8	
89 n-Butyl acetate	43	7.025	7.025	0.000	97	41802	20.0	19.0	
90 Chlorodibromomethane	129	7.038	7.038	0.000	98	33008	20.0	20.4	
91 Ethylene Dibromide	107	7.196	7.196	0.000	98	29964	20.0	20.0	
* 92 Chlorobenzene-d5	117	7.804	7.804	0.000	88	242172	50.0	50.0	
93 Chlorobenzene	112	7.841	7.841	0.000	95	100026	20.0	21.2	
94 Ethylbenzene	106	7.956	7.956	0.000	99	51915	20.0	21.5	
95 1,1,1,2-Tetrachloroethane	131	7.974	7.974	0.000	93	44371	20.0	22.6	
96 m-Xylene & p-Xylene	106	8.114	8.114	0.000	0	62157	20.0	21.2	
97 o-Xylene	106	8.583	8.583	0.000	93	75952	20.0	22.5	
98 n-Butyl acrylate	73	8.607	8.607	0.000	95	24553	20.0	20.0	
99 Styrene	104	8.619	8.619	0.000	94	94282	20.0	22.1	
100 Bromoform	173	8.838	8.838	0.000	95	16905	20.0	21.1	
101 Amyl acetate (mixed isomers)	43	8.863	8.863	0.000	88	80067	20.0	21.1	
102 Isopropylbenzene	105	8.972	8.972	0.000	96	173333	20.0	22.6	
$ 103 4-Bromofluorobenzene	174	9.179	9.179	0.000	90	70021	50.0	48.5	
104 Bromobenzene	156	9.307	9.307	0.000	97	42514	20.0	19.9	
105 1,1,2,2-Tetrachloroethane	83	9.380	9.380	0.000	98	45116	20.0	20.6	
106 N-Propylbenzene	91	9.392	9.392	0.000	99	197707	20.0	21.0	
107 1,2,3-Trichloropropane	110	9.416	9.416	0.000	97	9824	20.0	20.8	
108 trans-1,4-Dichloro-2-butene	53	9.447	9.447	0.000	85	7662	20.0	21.0	
109 2-Chlorotoluene	91	9.489	9.489	0.000	97	150509	20.0	20.9	
110 4-Ethyltoluene	105	9.507	9.507	0.000	98	158604	20.0	20.7	
111 1,3,5-Trimethylbenzene	105	9.574	9.574	0.000	92	161582	20.0	21.5	
112 4-Chlorotoluene	91	9.605	9.605	0.000	98	131081	20.0	21.4	
113 Butyl Methacrylate	87	9.696	9.696	0.000	95	65114	20.0	21.2	
114 tert-Butylbenzene	119	9.854	9.854	0.000	92	134093	20.0	22.0	
115 1,2,4-Trimethylbenzene	105	9.915	9.915	0.000	99	163803	20.0	21.2	
116 sec-Butylbenzene	105	10.055	10.055	0.000	99	199130	20.0	22.5	
117 1,3-Dichlorobenzene	146	10.177	10.177	0.000	95	84985	20.0	20.9	
118 4-Isopropyltoluene	119	10.189	10.189	0.000	98	164777	20.0	21.7	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.244	0.000	96	153265	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.268	10.268	0.000	96	86301	20.0	20.3	
121 1,2,3-Trimethylbenzene	105	10.286	10.286	0.000	99	191719	20.0	21.6	
122 Benzyl chloride	91	10.396	10.396	0.000	98	67721	20.0	23.1	
123 2,3-Dihydroindene	117	10.450	10.450	0.000	94	168662	20.0	22.2	
124 p-Diethylbenzene	119	10.511	10.511	0.000	92	95619	20.0	21.4	
125 n-Butylbenzene	92	10.536	10.536	0.000	97	81051	20.0	21.5	
126 1,2-Dichlorobenzene	146	10.578	10.578	0.000	96	92955	20.0	20.9	
127 1,2,4,5-Tetramethylbenzene	119	11.144	11.144	0.000	97	182180	20.0	21.7	
128 1,2-Dibromo-3-Chloropropane	157	11.223	11.223	0.000	93	9974	20.0	21.1	
129 1,3,5-Trichlorobenzene	180	11.332	11.332	0.000	97	83720	20.0	22.4	
130 1,2,4-Trichlorobenzene	180	11.807	11.807	0.000	93	82214	20.0	23.3	
131 Hexachlorobutadiene	225	11.892	11.892	0.000	92	28685	20.0	24.9	
132 Naphthalene	128	11.990	11.990	0.000	99	184910	20.0	21.3	
133 1,2,3-Trichlorobenzene	180	12.166	12.166	0.000	95	73573	20.0	23.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.3	
S 135 Xylenes, Total	100				0		40.0	43.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	105.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	20.00	Units: uL	
524FREONS_00031	Amount Added:	20.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
GASES Li_00628	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Feb-2025 14:03:54 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13313.D

Injection Date: 23-Feb-2025 04:00:30 Instrument ID: CVOAMS8 Operator ID:

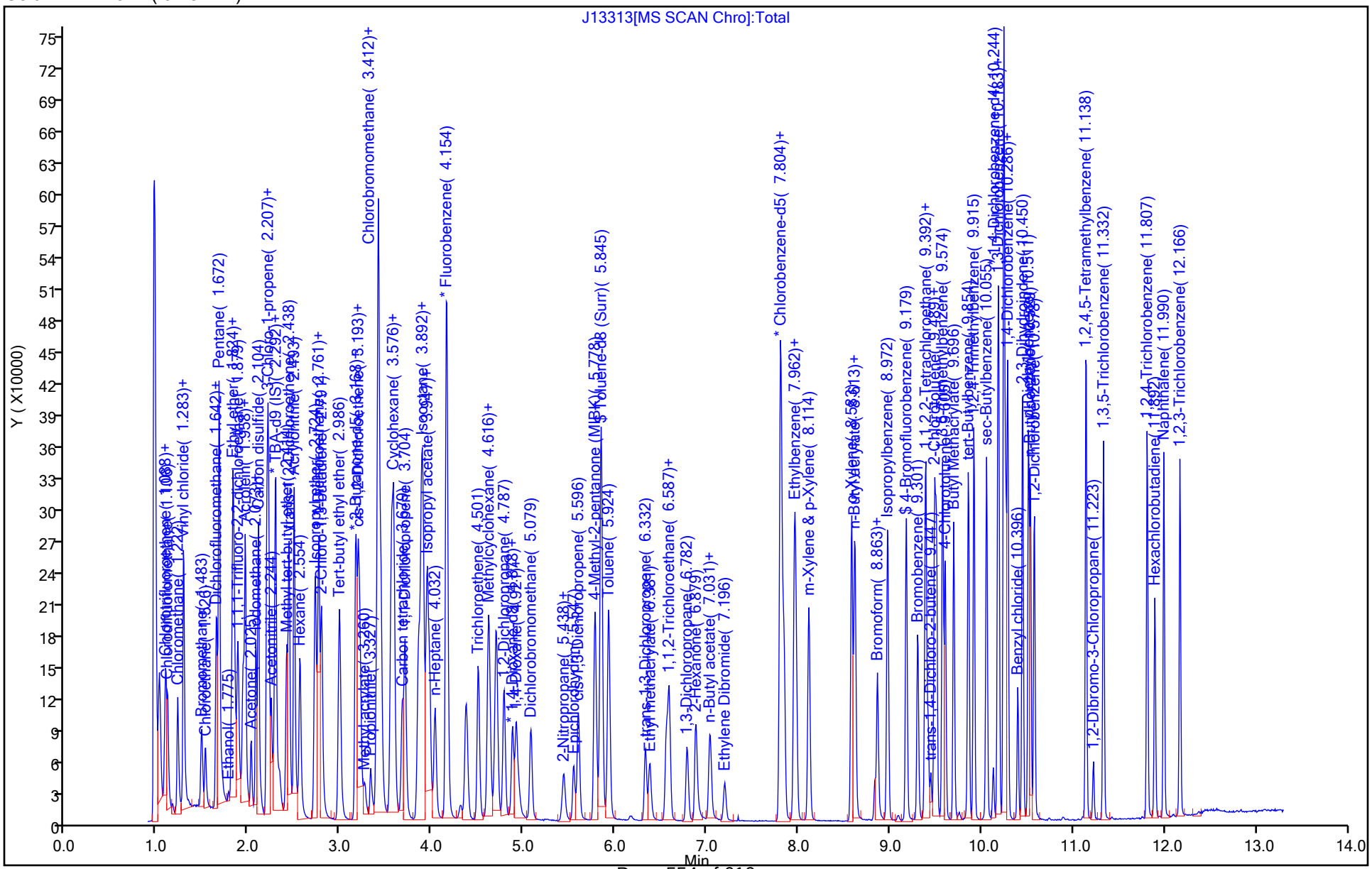
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

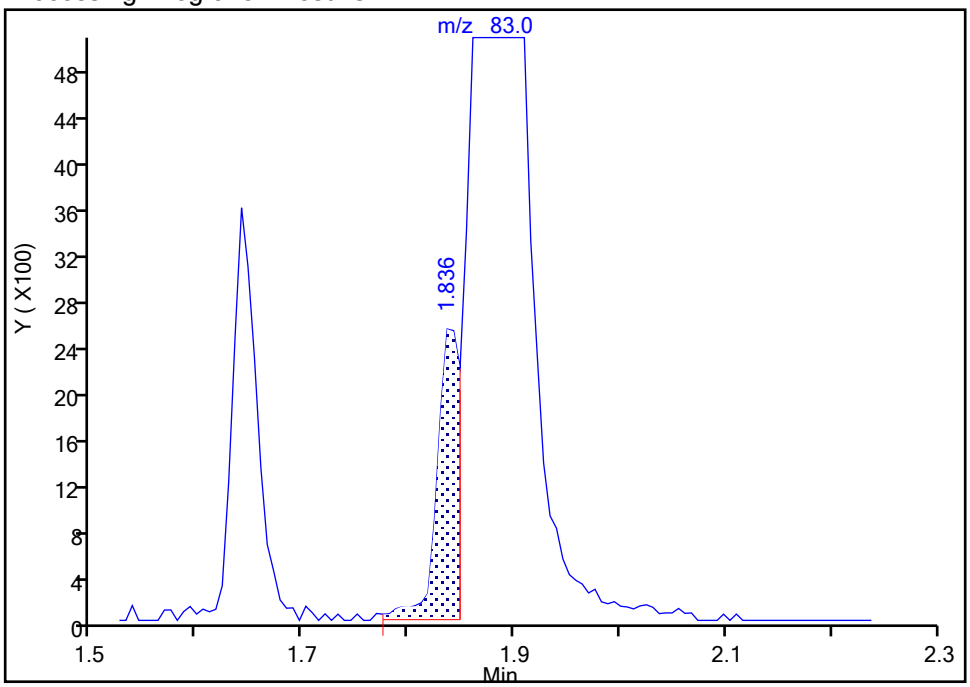
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13313.D
Injection Date: 23-Feb-2025 04:00:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

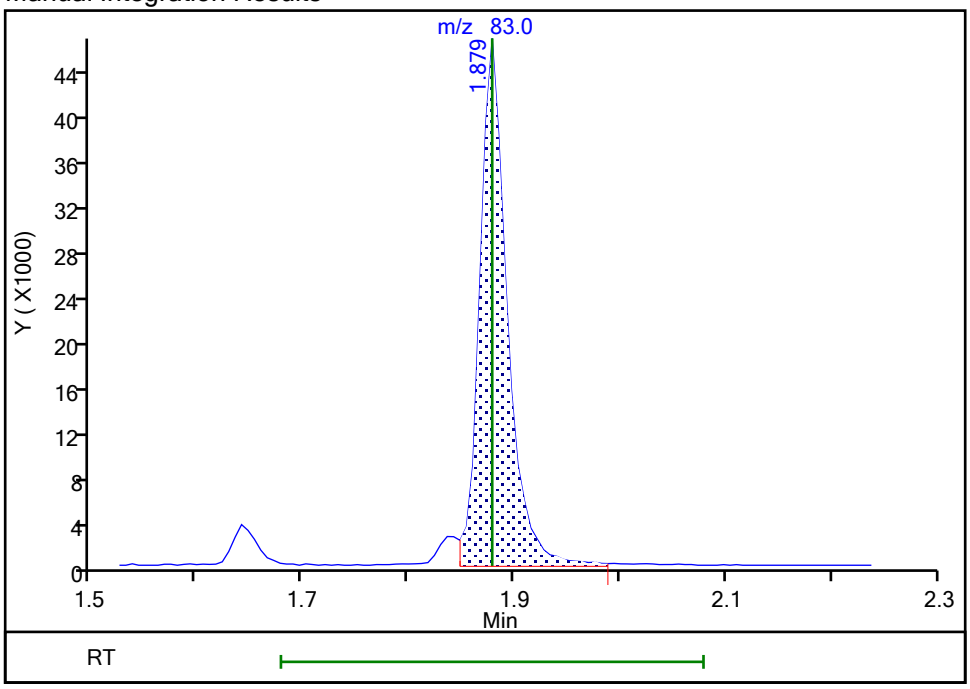
Processing Integration Results

RT: 1.84
Area: 3990
Amount: 1.028154
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 83835
Amount: 21.602833
Amount Units: ug/l



Reviewer: HVW2, 23-Feb-2025 04:28:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

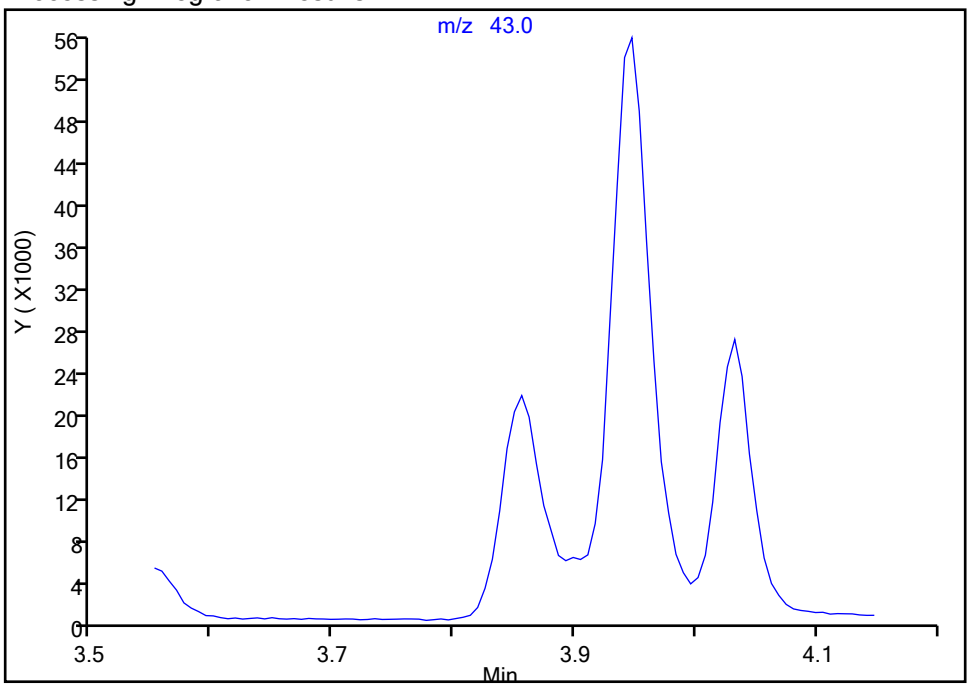
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13313.D
Injection Date: 23-Feb-2025 04:00:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

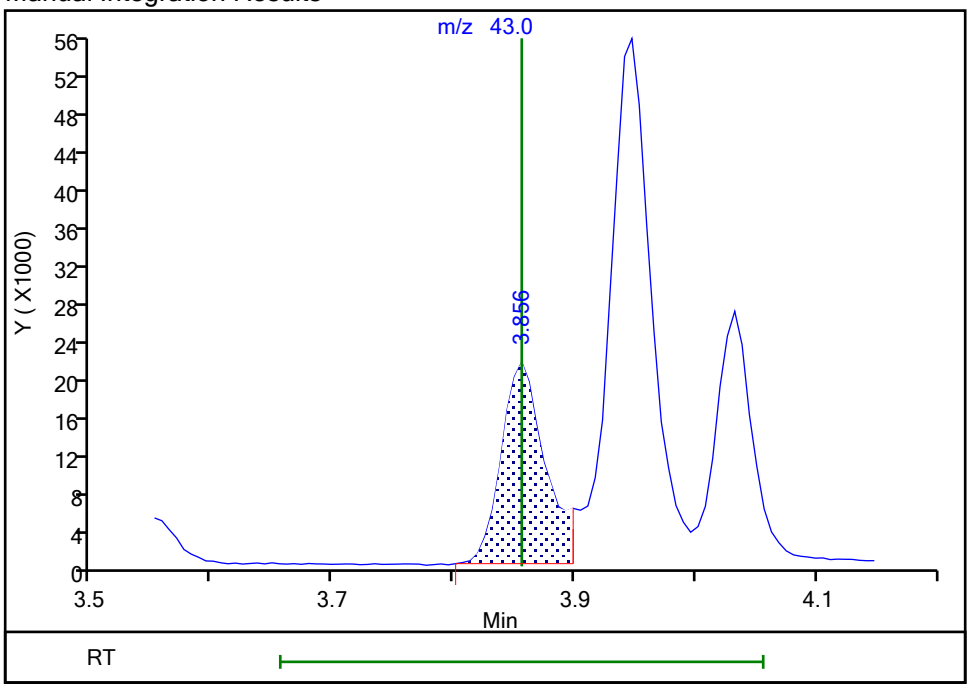
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 53775
Amount: 413.1745
Amount Units: ug/l



Reviewer: HVW2, 23-Feb-2025 04:29:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13295.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	22-Feb-2025 16:46:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0187183-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	22-Feb-2025 23:23:45	Calib Date:	22-Feb-2025 20:05:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1705				
First Level Reviewer: PUV6		Date:	22-Feb-2025 17:51:12		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 138 BFB

QC Flag Legend

Processing Flags

Reagents:

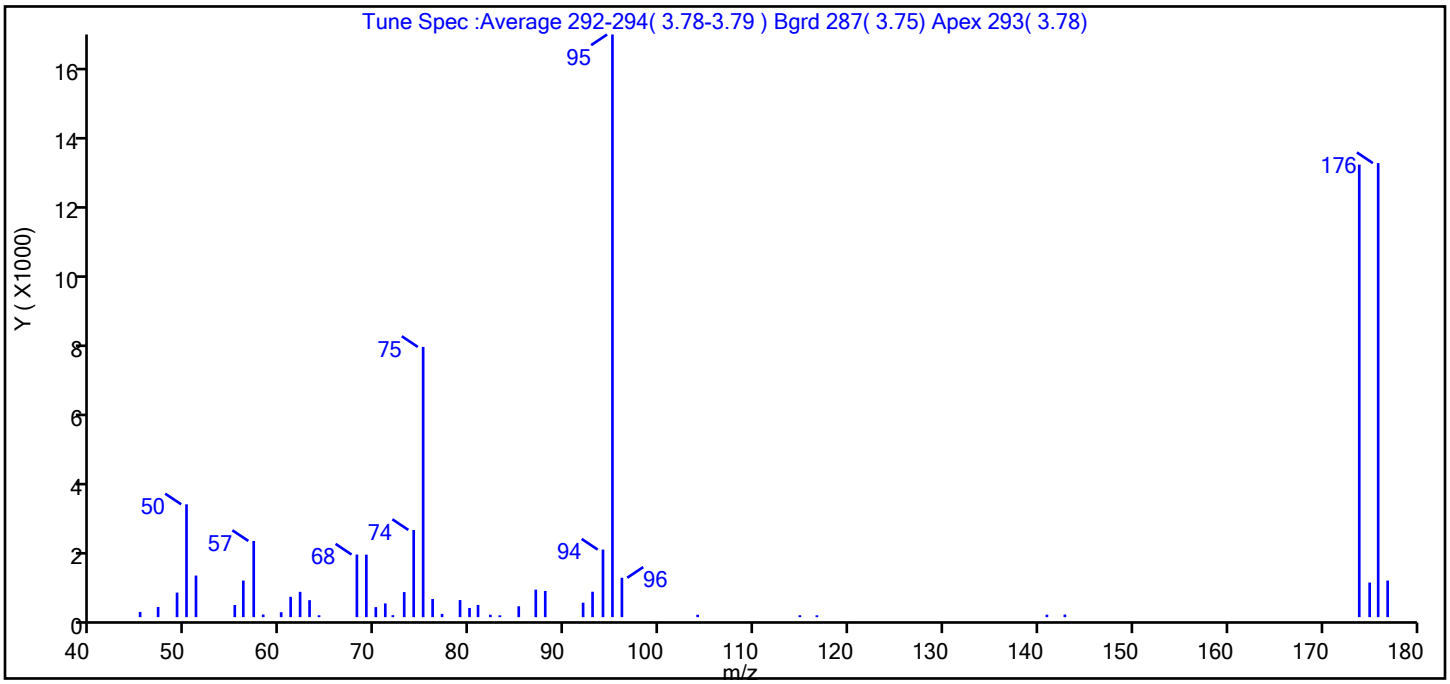
BFB_00038 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13295.D
Injection Date: 22-Feb-2025 16:46:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (128.8)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	77.7
175	5 to 9% of m/z 174	5.9 (7.7)
176	95 to 105% of m/z 174	77.9 (100.3)
177	5 to 10% of m/z 176	6.3 (8.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13295.D\8260_W8.rslt\spectra.d
Injection Date: 22-Feb-2025 16:46:30
Spectrum: Tune Spec :Average 292-294(3.78-3.79) Bgrd 287(3.75) Apex 293(3.78)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
45.00	144	63.00	469	79.00	473	96.00	1090
47.00	281	64.00	52	80.00	254	104.00	67
49.00	679	68.00	1732	81.00	338	115.00	52
50.00	3122	69.00	1729	82.00	66	117.00	52
51.00	1151	70.00	277	83.00	51	141.00	68
55.00	335	71.00	380	85.00	301	143.00	72
56.00	1012	72.00	55	87.00	762	174.00	12522
57.00	2108	73.00	694	88.00	725	175.00	958
58.00	73	74.00	2413	92.00	400	176.00	12565
60.00	136	75.00	7478	93.00	703	177.00	1013
61.00	563	76.00	503	94.00	1870		
62.00	700	77.00	90	95.00	16124		

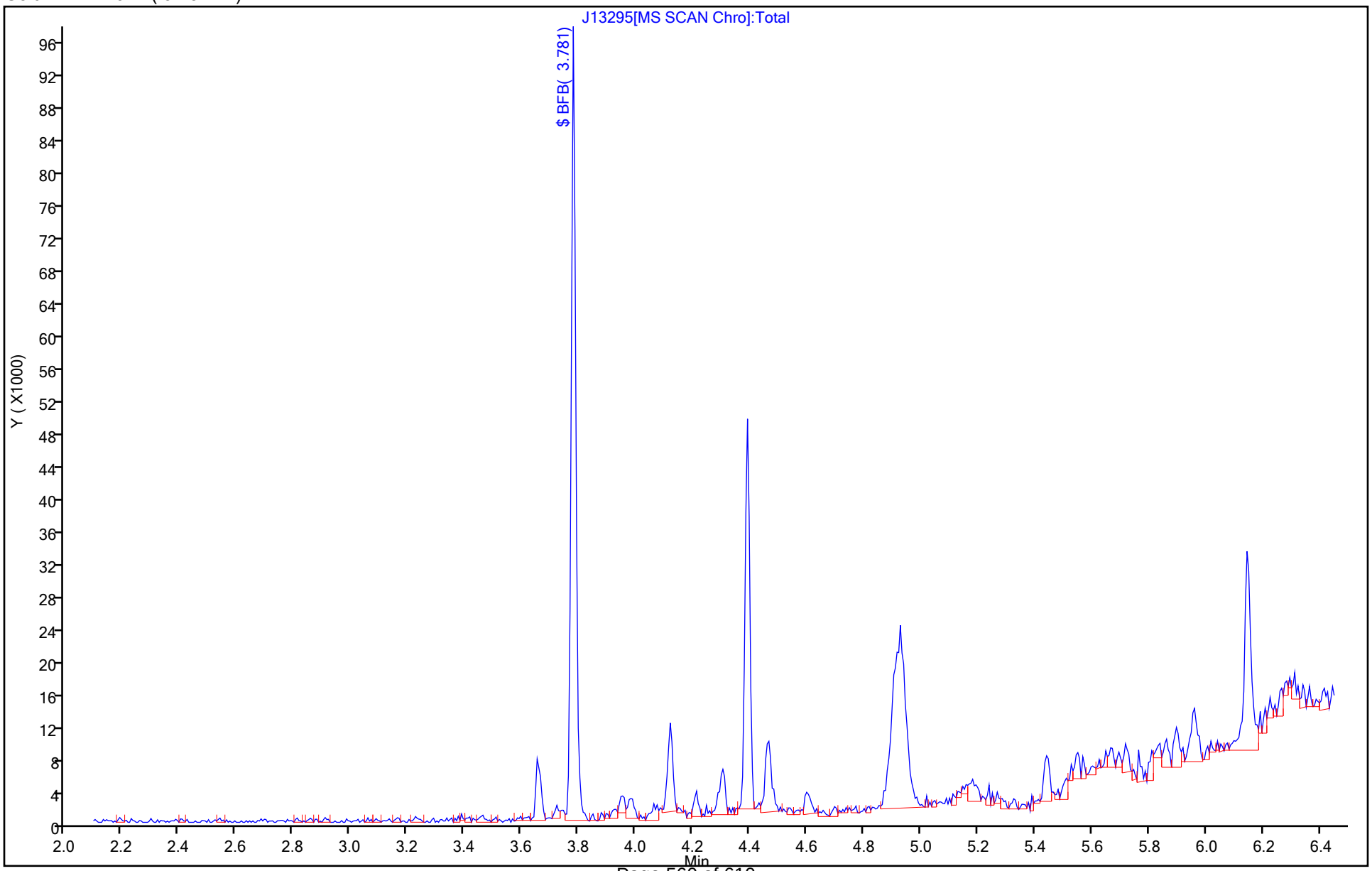
Report Date: 22-Feb-2025 23:23:45 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13295.D

Injection Date:	22-Feb-2025 16:46:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1022545/9

Matrix: Water | Lab File ID: J13320.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 06:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085
79-00-5	1,1,2-Trichloroethane	0.19	U	0.58	0.19
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.087	U	0.30	0.087
78-87-5	1,2-Dichloropropane	0.074	U	0.92	0.074
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.070	U	0.45	0.070
75-27-4	Bromodichloromethane	0.15	U	0.98	0.15
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.069	U	0.45	0.069
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.086	U	0.78	0.086
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1022545/9

Matrix: Water | Lab File ID: J13320.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 06:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.28	U	0.40	0.28
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.12	U	0.45	0.12
79-01-6	Trichloroethene	0.074	U	0.28	0.074
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13320.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-Feb-2025 06:54:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0187187-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 13:17:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.284	2.277	0.007	75	123508	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.166	3.160	0.006	86	159396	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.586	3.579	0.007	95	112653	50.0	54.5	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.902	3.902	0.000	0	108444	50.0	53.4	
* 64 Fluorobenzene	96	4.157	4.157	0.000	98	413295	50.0	50.0	
* 70 1,4-Dioxane-d8	96	4.869	4.857	0.012	0	13227	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	5.849	5.842	0.007	99	252445	50.0	52.7	
* 92 Chlorobenzene-d5	117	7.801	7.801	0.000	88	199529	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	9.182	9.176	0.006	90	62320	50.0	52.3	
* 119 1,4-Dichlorobenzene-d4	152	10.247	10.241	0.006	96	133829	50.0	50.0	
131 Hexachlorobutadiene	225	11.889	11.889	0.000	82	305		0.3036	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00253 Amount Added: 1.00 Units: uL Run Reagent

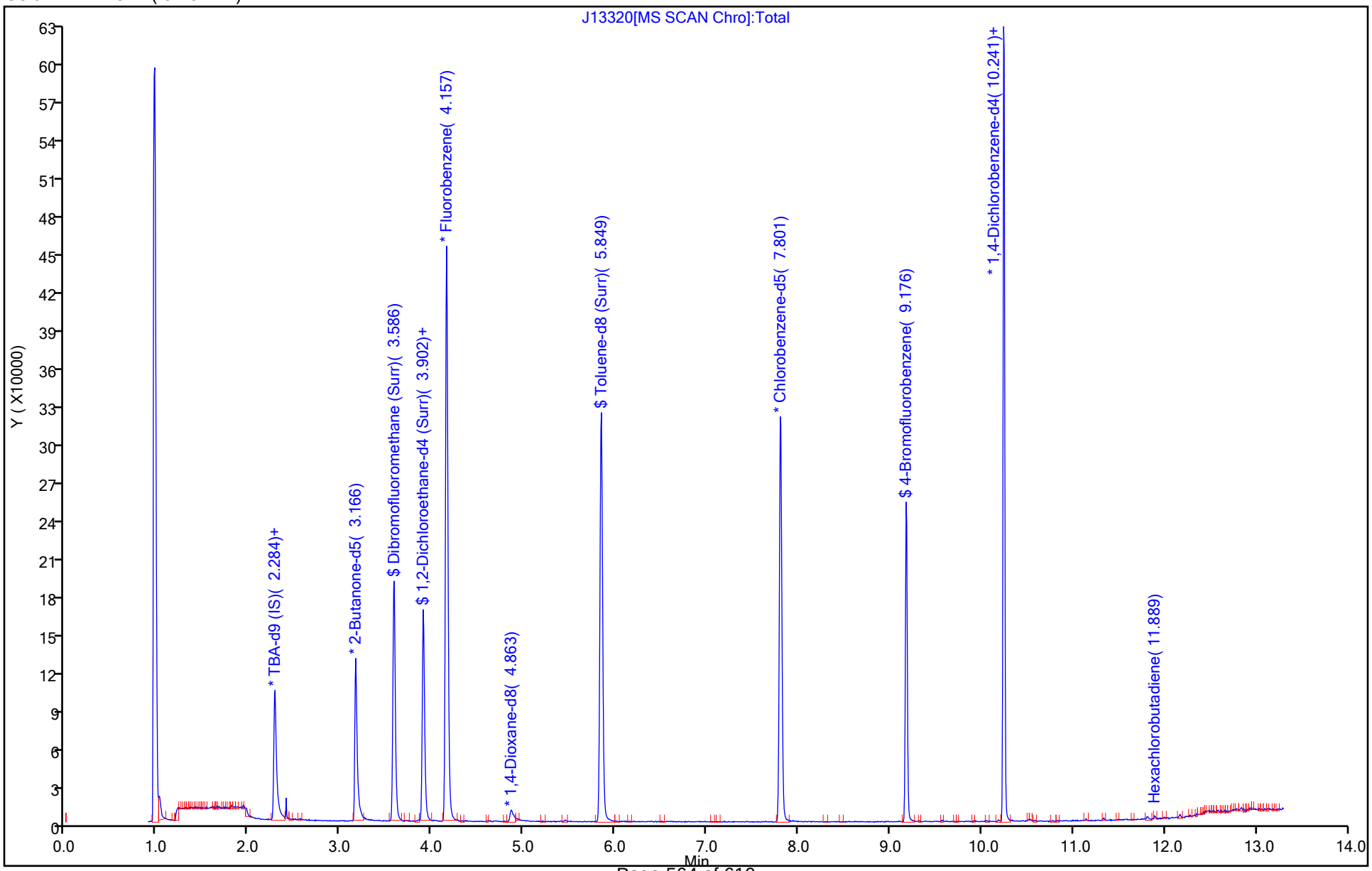
Report Date: 24-Feb-2025 14:02:07 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13320.D

Injection Date:	23-Feb-2025 06:54:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:02:07 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13320.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-Feb-2025 06:54:30 ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0187187-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 13:17:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	54.5	109.01
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.85
$ 81 Toluene-d8 (Surr)	50.0	52.7	105.38
$ 103 4-Bromofluorobenzene	50.0	52.3	104.68

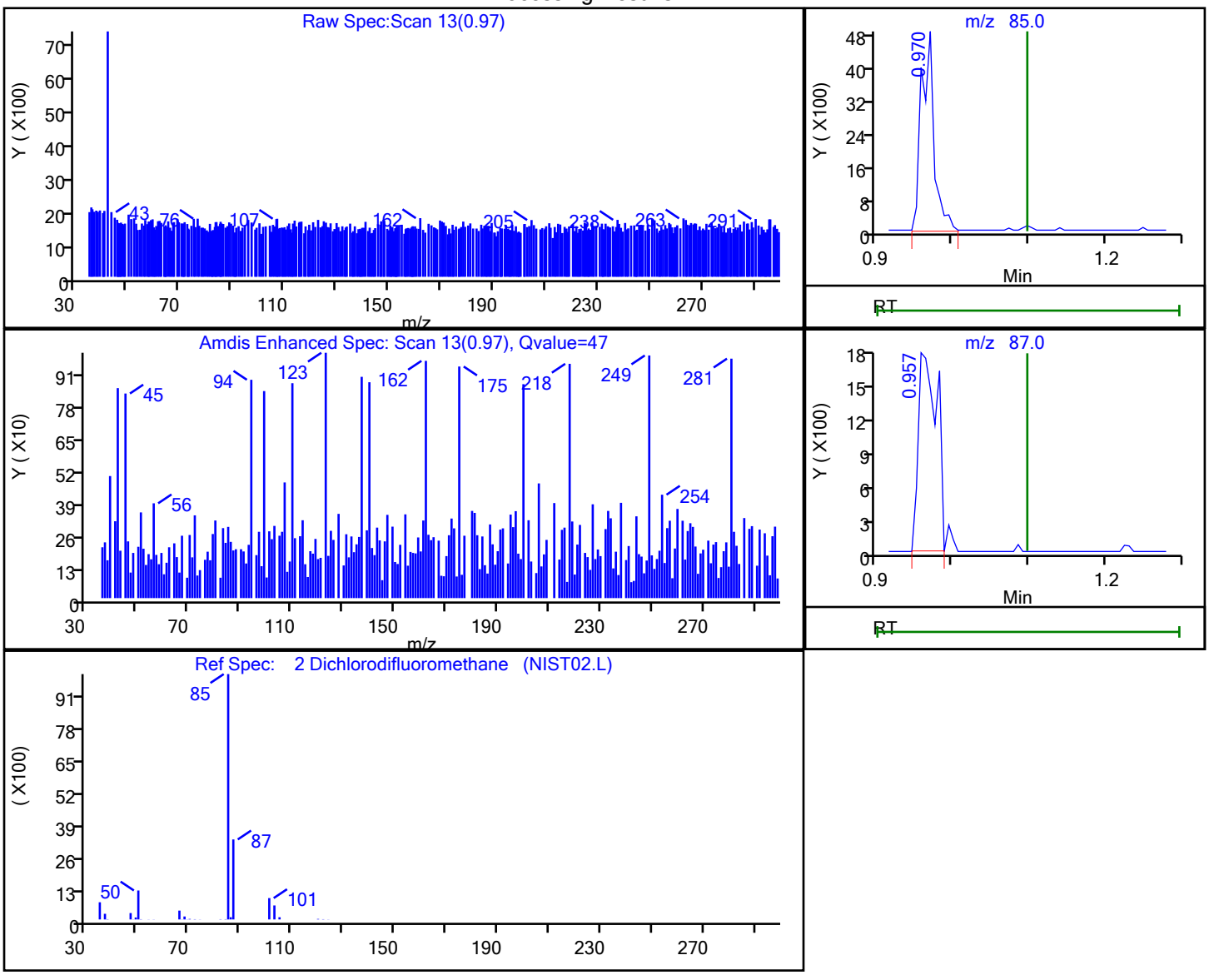
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13320.D
Injection Date: 23-Feb-2025 06:54:30 Instrument ID: CVOAMS8
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.97	85.00	5602	1.636457
0.96	87.00	3044	

Reviewer: NN6A, 24-Feb-2025 13:16:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1022545/3

Matrix: Water | Lab File ID: J13314.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 04:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.20	0.085
79-00-5	1,1,2-Trichloroethane	19.8		0.58	0.19
75-34-3	1,1-Dichloroethane	21.0		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.0	0.38
106-93-4	1,2-Dibromoethane	19.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.21
107-06-2	1,2-Dichloroethane	18.9		0.30	0.087
78-87-5	1,2-Dichloropropane	19.7		0.92	0.074
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.33
78-93-3	2-Butanone	101		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone	107		5.0	1.3
67-64-1	Acetone	92.5		5.0	4.4
71-43-2	Benzene	19.6		0.45	0.070
75-27-4	Bromodichloromethane	19.7		0.98	0.15
75-25-2	Bromoform	19.2		1.0	0.54
74-83-9	Bromomethane	20.1		1.0	0.55
75-15-0	Carbon disulfide	20.4		1.0	0.82
56-23-5	Carbon tetrachloride	20.3		1.0	0.21
108-90-7	Chlorobenzene	19.3		1.0	0.38
75-00-3	Chloroethane	21.4		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	18.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.1		0.45	0.069
110-82-7	Cyclohexane	21.0		1.0	0.32
124-48-1	Dibromochloromethane	19.4		0.78	0.086
75-71-8	Dichlorodifluoromethane	17.9		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1022545/3

Matrix: Water | Lab File ID: J13314.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 04:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.3		1.0	0.30
76-13-1	Freon TF	19.9		1.0	0.31
98-82-8	Isopropylbenzene	21.6		1.0	0.34
108-87-2	Methylcyclohexane	20.2		1.0	0.71
75-09-2	Methylene Chloride	20.3		1.0	0.32
1634-04-4	MTBE	20.0		1.0	0.22
100-42-5	Styrene	20.9		1.0	0.42
127-18-4	Tetrachloroethene	18.8		0.40	0.28
108-88-3	Toluene	19.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.7		0.45	0.12
79-01-6	Trichloroethene	18.4		0.28	0.074
75-69-4	Trichlorofluoromethane	20.3		1.0	0.32
75-01-4	Vinyl chloride	19.6		1.0	0.17
1330-20-7	Xylenes, Total	41.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Report Date: 24-Feb-2025 14:03:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13314.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-Feb-2025 04:23:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0187187-003
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 23-Feb-2025 04:55:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.073	0.003	89	4836	20.0	18.6	
2 Dichlorodifluoromethane	85	1.101	1.097	0.004	99	65717	20.0	17.9	
3 Chlorodifluoromethane	67	1.113	1.109	0.004	97	10533	20.0	21.1	
4 Chloromethane	50	1.222	1.219	0.003	99	77346	20.0	18.9	
5 Vinyl chloride	62	1.283	1.280	0.003	98	59869	20.0	19.6	
6 Butadiene	54	1.289	1.286	0.003	98	55181	20.0	20.5	
7 Bromomethane	94	1.484	1.480	0.004	99	43176	20.0	20.1	
8 Chloroethane	64	1.526	1.523	0.003	98	34892	20.0	21.4	
10 Trichlorofluoromethane	101	1.648	1.645	0.003	98	65063	20.0	20.3	
9 Dichlorofluoromethane	67	1.642	1.645	-0.003	99	111806	20.0	21.5	
11 Pentane	43	1.679	1.675	0.004	96	171681	40.0	40.4	
12 Ethanol	46	1.776	1.772	0.004	98	5826	800.0	950.9	
13 Ethyl ether	59	1.812	1.809	0.003	94	35453	20.0	20.5	
14 2-Methyl-1,3-butadiene	53	1.825	1.821	0.004	99	47246	20.0	18.4	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.843	1.839	0.004	96	46349	20.0	22.1	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.879	1.876	0.003	94	80514	20.0	21.5	a
18 Acrolein	56	1.940	1.931	0.009	63	14773	40.0	36.1	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.934	1.937	-0.003	96	47946	20.0	19.9	
19 1,1-Dichloroethene	96	1.964	1.961	0.003	96	57698	20.0	19.5	
20 Acetone	43	2.025	2.022	0.003	85	55566	100.0	92.5	
21 Iodomethane	142	2.074	2.071	0.003	100	123698	20.0	20.5	
22 Isopropyl alcohol	45	2.092	2.083	0.009	100	19932	200.0	235.8	
23 Carbon disulfide	76	2.104	2.101	0.003	100	236854	20.0	20.4	
24 3-Chloro-1-propene	76	2.196	2.192	0.004	95	37860	20.0	19.1	
25 Methyl acetate	43	2.202	2.198	0.004	98	64279	40.0	39.3	
26 Cyclopentene	67	2.214	2.210	0.004	95	172517	20.0	20.2	
27 Acetonitrile	41	2.244	2.241	0.003	98	71430	200.0	222.9	
* 28 TBA-d9 (IS)	65	2.281	2.277	0.004	91	134388	1000.0	1000.0	
29 Methylene Chloride	84	2.293	2.290	0.003	99	72776	20.0	20.3	
30 2-Methyl-2-propanol	59	2.336	2.332	0.004	98	29678	200.0	211.9	
31 Methyl tert-butyl ether	73	2.415	2.411	0.004	97	143934	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.439	2.436	0.003	98	61638	20.0	19.7	
33 Acrylonitrile	53	2.494	2.490	0.004	93	173772	200.0	209.3	
34 Hexane	57	2.555	2.551	0.004	93	54885	20.0	19.3	
35 Isopropyl ether	45	2.725	2.722	0.003	98	197816	20.0	20.8	
36 1,1-Dichloroethane	63	2.755	2.752	0.003	99	120441	20.0	21.0	
37 Vinyl acetate	43	2.767	2.764	0.003	100	176732	40.0	44.5	
38 2-Chloro-1,3-butadiene	88	2.792	2.788	0.004	92	49764	20.0	19.9	
39 Tert-butyl ethyl ether	59	2.993	2.983	0.010	87	175106	20.0	20.5	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	97	170919	250.0	250.0	
41 2,2-Dichloropropane	79	3.169	3.166	0.003	95	27233	20.0	21.4	
42 cis-1,2-Dichloroethene	96	3.199	3.190	0.009	93	63163	20.0	19.8	
43 2-Butanone (MEK)	72	3.218	3.208	0.010	95	16014	100.0	100.8	
44 Ethyl acetate	70	3.218	3.208	0.010	94	6240	40.0	40.3	
45 Methyl acrylate	55	3.266	3.263	0.003	99	26221	20.0	18.4	
46 Propionitrile	54	3.327	3.324	0.003	97	49087	200.0	201.6	
47 Chlorobromomethane	128	3.394	3.391	0.003	97	31004	20.0	20.1	
48 Tetrahydrofuran	72	3.406	3.397	0.009	96	8365	40.0	44.3	
49 Methacrylonitrile	67	3.412	3.409	0.003	96	145612	200.0	196.0	
50 Chloroform	83	3.443	3.439	0.004	98	104317	20.0	20.4	
51 Cyclohexane	84	3.558	3.549	0.009	96	72213	20.0	21.0	
52 1,1,1-Trichloroethane	97	3.564	3.561	0.003	99	81256	20.0	20.6	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	95	114121	50.0	51.6	
54 Carbon tetrachloride	117	3.674	3.671	0.003	98	63909	20.0	20.3	
55 1,1-Dichloropropene	75	3.704	3.701	0.003	96	71287	20.0	19.8	
56 Isobutyl alcohol	43	3.856	3.847	0.009	39	44444	500.0	342.3	a
57 Isooctane	57	3.856	3.853	0.003	95	150644	20.0	20.3	
58 Benzene	78	3.887	3.883	0.004	98	203359	20.0	19.6	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.905	3.902	0.003	0	109027	50.0	50.2	
60 Isopropyl acetate	43	3.948	3.944	0.004	80	104896	20.0	19.7	
61 Tert-amyl methyl ether	55	3.948	3.944	0.004	86	44943	20.0	21.6	
62 1,2-Dichloroethane	62	3.972	3.969	0.003	96	65013	20.0	18.9	
63 n-Heptane	57	4.033	4.029	0.004	98	20413	20.0	19.2	
* 64 Fluorobenzene	96	4.161	4.157	0.004	98	442390	50.0	50.0	
65 Trichloroethene	95	4.501	4.498	0.003	97	49809	20.0	18.4	
66 n-Butanol	56	4.617	4.613	0.004	61	34216	500.0	1732.6	
67 Methylcyclohexane	83	4.617	4.613	0.004	96	78433	20.0	20.2	
68 Ethyl acrylate	55	4.623	4.613	0.010	95	91454	20.0	19.6	
69 1,2-Dichloropropane	63	4.787	4.778	0.009	90	49282	20.0	19.7	
* 70 1,4-Dioxane-d8	96	4.860	4.857	0.003	0	13294	1000.0	1000.0	
71 Methyl methacrylate	100	4.878	4.875	0.003	94	10705	40.0	35.9	
72 Dibromomethane	93	4.921	4.912	0.009	95	31133	20.0	19.3	
73 1,4-Dioxane	88	4.915	4.912	0.003	36	6062	400.0	574.4	
74 n-Propyl acetate	43	4.945	4.942	0.003	98	33548	20.0	17.0	
75 Dichlorobromomethane	83	5.079	5.076	0.003	99	56681	20.0	19.7	
76 2-Nitropropane	41	5.426	5.423	0.003	86	9729	40.0	31.6	
77 2-Chloroethyl vinyl ether	63	5.438	5.435	0.003	91	15104	20.0	16.8	
78 Epichlorohydrin	57	5.548	5.538	0.010	98	44051	400.0	402.0	
79 cis-1,3-Dichloropropene	75	5.596	5.593	0.003	94	58774	20.0	19.1	
80 4-Methyl-2-pentanone (MIBK)	43	5.779	5.775	0.004	98	165153	100.0	107.0	
$ 81 Toluene-d8 (Surr)	98	5.846	5.842	0.004	98	281125	50.0	50.6	
82 Toluene	91	5.931	5.921	0.010	93	151252	20.0	19.3	
83 trans-1,3-Dichloropropene	75	6.326	6.329	-0.003	96	40066	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.381	6.372	0.009	93	29423	20.0	18.8	
85 1,1,2-Trichloroethane	83	6.557	6.548	0.009	95	26502	20.0	19.8	
86 Tetrachloroethene	166	6.588	6.585	0.004	94	36734	20.0	18.8	
87 1,3-Dichloropropane	76	6.783	6.779	0.004	97	42491	20.0	19.4	
88 2-Hexanone	58	6.880	6.877	0.004	99	43466	100.0	101.3	
89 n-Butyl acetate	43	7.032	7.023	0.010	97	38256	20.0	18.2	
90 Chlorodibromomethane	129	7.038	7.035	0.003	98	30045	20.0	19.4	
91 Ethylene Dibromide	107	7.196	7.187	0.009	99	27470	20.0	19.2	
* 92 Chlorobenzene-d5	117	7.805	7.801	0.004	87	231329	50.0	50.0	
93 Chlorobenzene	112	7.841	7.838	0.003	95	86852	20.0	19.3	
94 Ethylbenzene	106	7.957	7.947	0.010	99	46642	20.0	20.3	
95 1,1,1,2-Tetrachloroethane	131	7.975	7.972	0.003	93	40026	20.0	21.4	
96 m-Xylene & p-Xylene	106	8.115	8.111	0.004	0	56525	20.0	20.1	
97 o-Xylene	106	8.583	8.580	0.003	94	68800	20.0	21.4	
98 n-Butyl acrylate	73	8.608	8.604	0.004	96	23877	20.0	20.4	
99 Styrene	104	8.620	8.616	0.004	95	85146	20.0	20.9	
100 Bromoform	173	8.839	8.835	0.004	95	14647	20.0	19.2	
101 Amyl acetate (mixed isomers)	43	8.863	8.860	0.003	88	69602	20.0	19.1	
102 Isopropylbenzene	105	8.973	8.969	0.004	97	158499	20.0	21.6	
$ 103 4-Bromofluorobenzene	174	9.179	9.176	0.003	89	71019	50.0	51.4	
104 Bromobenzene	156	9.301	9.298	0.003	98	38061	20.0	18.6	
105 1,1,2,2-Tetrachloroethane	83	9.380	9.377	0.003	99	41532	20.0	19.7	
106 N-Propylbenzene	91	9.392	9.389	0.003	99	176581	20.0	19.5	
107 1,2,3-Trichloropropane	110	9.417	9.413	0.004	98	8937	20.0	19.7	
108 trans-1,4-Dichloro-2-butene	53	9.447	9.444	0.003	82	6425	20.0	18.3	
109 2-Chlorotoluene	91	9.490	9.486	0.004	97	134920	20.0	19.5	
110 4-Ethyltoluene	105	9.508	9.505	0.003	98	143790	20.0	19.5	
111 1,3,5-Trimethylbenzene	105	9.575	9.571	0.004	92	146481	20.0	20.2	
112 4-Chlorotoluene	91	9.605	9.602	0.003	98	120740	20.0	20.5	
113 Butyl Methacrylate	87	9.697	9.693	0.004	95	58879	20.0	19.9	
114 tert-Butylbenzene	119	9.855	9.851	0.004	92	123406	20.0	21.0	
115 1,2,4-Trimethylbenzene	105	9.916	9.912	0.004	98	149683	20.0	20.2	
116 sec-Butylbenzene	105	10.055	10.052	0.003	99	176213	20.0	20.7	
117 1,3-Dichlorobenzene	146	10.177	10.174	0.003	94	77115	20.0	19.7	
118 4-Isopropyltoluene	119	10.189	10.186	0.003	97	151550	20.0	20.8	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	96	147397	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.262	10.259	0.003	95	80055	20.0	19.6	
121 1,2,3-Trimethylbenzene	105	10.287	10.283	0.004	99	179499	20.0	21.1	
122 Benzyl chloride	91	10.396	10.393	0.003	98	59584	20.0	21.1	
123 2,3-Dihydroindene	117	10.451	10.448	0.003	94	151112	20.0	20.7	
124 p-Diethylbenzene	119	10.512	10.508	0.004	91	86081	20.0	20.0	
125 n-Butylbenzene	92	10.536	10.533	0.003	98	73098	20.0	20.2	
126 1,2-Dichlorobenzene	146	10.579	10.575	0.004	95	88070	20.0	20.6	
127 1,2,4,5-Tetramethylbenzene	119	11.138	11.141	-0.003	97	164055	20.0	20.3	
128 1,2-Dibromo-3-Chloropropane	157	11.224	11.220	0.004	92	8964	20.0	19.7	
129 1,3,5-Trichlorobenzene	180	11.333	11.330	0.003	97	76459	20.0	21.2	
130 1,2,4-Trichlorobenzene	180	11.808	11.804	0.004	93	76045	20.0	22.4	
131 Hexachlorobutadiene	225	11.893	11.889	0.004	92	24487	20.0	22.1	
132 Naphthalene	128	11.990	11.987	0.003	99	176646	20.0	21.2	
133 1,2,3-Trichlorobenzene	180	12.166	12.163	0.003	95	66334	20.0	21.7	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 135 Xylenes, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	100.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	20.00	Units: uL	
524FREONS_00031	Amount Added:	20.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
GASES Li_00628	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Feb-2025 14:03:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13314.D

Injection Date: 23-Feb-2025 04:23:30 Instrument ID: CVOAMS8 Operator ID:

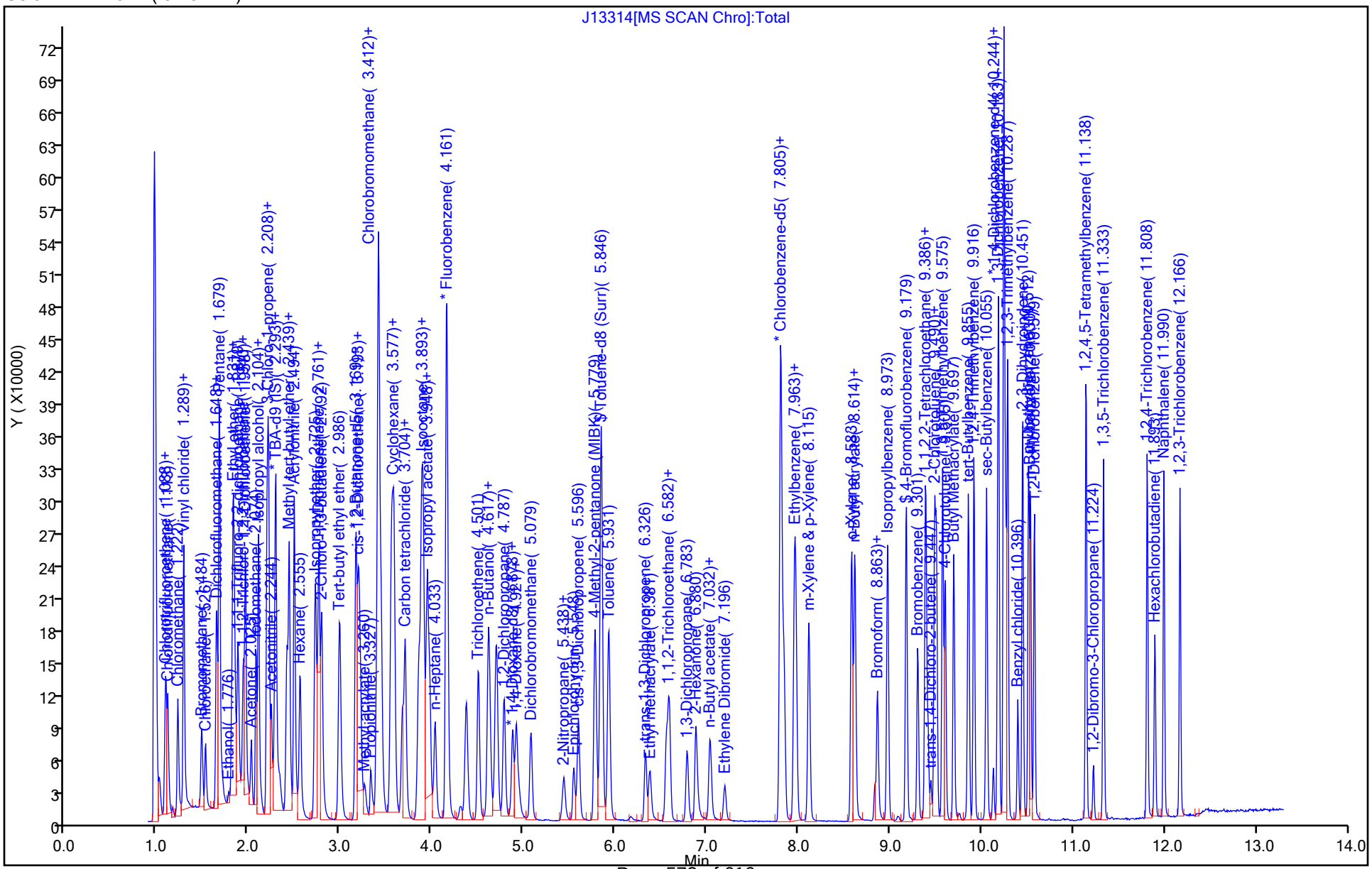
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:03:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13314.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-Feb-2025 04:23:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0187187-003
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 23-Feb-2025 04:55:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	51.6	103.16
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.36
$ 81 Toluene-d8 (Surr)	50.0	50.6	101.22
$ 103 4-Bromofluorobenzene	50.0	51.4	102.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1022545/4

Matrix: Water | Lab File ID: J13315.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 04:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.1		0.20	0.085
79-00-5	1,1,2-Trichloroethane	20.5		0.58	0.19
75-34-3	1,1-Dichloroethane	21.8		1.0	0.26
75-35-4	1,1-Dichloroethene	21.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		1.0	0.38
106-93-4	1,2-Dibromoethane	21.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.0		1.0	0.21
107-06-2	1,2-Dichloroethane	20.5		0.30	0.087
78-87-5	1,2-Dichloropropane	21.0		0.92	0.074
541-73-1	1,3-Dichlorobenzene	21.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
78-93-3	2-Butanone	105		5.0	1.9
591-78-6	2-Hexanone	107		5.0	1.1
108-10-1	4-Methyl-2-pentanone	107		5.0	1.3
67-64-1	Acetone	102		5.0	4.4
71-43-2	Benzene	19.8		0.45	0.070
75-27-4	Bromodichloromethane	21.3		0.98	0.15
75-25-2	Bromoform	20.4		1.0	0.54
74-83-9	Bromomethane	20.3		1.0	0.55
75-15-0	Carbon disulfide	20.8		1.0	0.82
56-23-5	Carbon tetrachloride	20.6		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
75-00-3	Chloroethane	21.0		1.0	0.32
67-66-3	Chloroform	21.7		1.0	0.33
74-87-3	Chloromethane	19.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.0		0.45	0.069
110-82-7	Cyclohexane	20.8		1.0	0.32
124-48-1	Dibromochloromethane	20.8		0.78	0.086
75-71-8	Dichlorodifluoromethane	17.9		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1022545/4

Matrix: Water | Lab File ID: J13315.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 04:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.8		1.0	0.30
76-13-1	Freon TF	21.8		1.0	0.31
98-82-8	Isopropylbenzene	21.9		1.0	0.34
108-87-2	Methylcyclohexane	21.0		1.0	0.71
75-09-2	Methylene Chloride	21.2		1.0	0.32
1634-04-4	MTBE	21.2		1.0	0.22
100-42-5	Styrene	21.2		1.0	0.42
127-18-4	Tetrachloroethene	19.3		0.40	0.28
108-88-3	Toluene	20.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.5		0.45	0.12
79-01-6	Trichloroethene	20.1		0.28	0.074
75-69-4	Trichlorofluoromethane	20.2		1.0	0.32
75-01-4	Vinyl chloride	19.8		1.0	0.17
1330-20-7	Xylenes, Total	41.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Report Date: 24-Feb-2025 14:04:10 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13315.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 23-Feb-2025 04:46:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0187187-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 14:03:53 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 23-Feb-2025 07:40:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.076	0.000	95	4779	20.0	17.3	
2 Dichlorodifluoromethane	85	1.094	1.094	0.000	99	69913	20.0	17.9	
3 Chlorodifluoromethane	67	1.112	1.112	0.000	97	11193	20.0	21.0	
4 Chloromethane	50	1.222	1.222	0.000	99	82698	20.0	19.0	
5 Vinyl chloride	62	1.282	1.283	-0.001	98	64514	20.0	19.8	
6 Butadiene	54	1.289	1.289	0.000	97	58651	20.0	20.4	
7 Bromomethane	94	1.483	1.483	0.000	99	46354	20.0	20.3	
8 Chloroethane	64	1.526	1.526	0.000	99	36451	20.0	21.0	
9 Dichlorofluoromethane	67	1.647	1.642	0.005	99	118870	20.0	21.5	
10 Trichlorofluoromethane	101	1.647	1.648	-0.001	98	69055	20.0	20.2	
11 Pentane	43	1.672	1.672	0.000	95	190351	40.0	42.0	
12 Ethanol	46	1.775	1.775	0.000	99	8598	800.0	1322.5	
13 Ethyl ether	59	1.806	1.806	0.000	93	41807	20.0	22.8	
14 2-Methyl-1,3-butadiene	53	1.824	1.824	0.000	95	57890	20.0	21.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.836	1.842	-0.006	96	49216	20.0	22.1	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.836	1.879	-0.043	42	3702	20.0	0.9270	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.939	1.934	0.005	96	56093	20.0	21.8	
18 Acrolein	56	1.933	1.934	-0.001	62	18314	40.0	42.2	
19 1,1-Dichloroethene	96	1.964	1.964	0.000	96	68788	20.0	21.8	
20 Acetone	43	2.025	2.025	0.000	85	70732	100.0	101.7	
21 Iodomethane	142	2.073	2.073	0.000	99	135624	20.0	21.1	
22 Isopropyl alcohol	45	2.085	2.086	-0.001	100	22006	200.0	245.3	
23 Carbon disulfide	76	2.104	2.104	0.000	100	256473	20.0	20.8	
24 3-Chloro-1-propene	76	2.195	2.195	0.000	97	43389	20.0	20.5	
25 Methyl acetate	43	2.201	2.201	0.000	99	76592	40.0	44.1	
26 Cyclopentene	67	2.213	2.213	0.000	95	191670	20.0	21.0	
27 Acetonitrile	41	2.244	2.244	0.000	98	76727	200.0	225.6	
* 28 TBA-d9 (IS)	65	2.280	2.280	0.000	91	142608	1000.0	1000.0	
29 Methylene Chloride	84	2.292	2.292	0.000	99	81187	20.0	21.2	
30 2-Methyl-2-propanol	59	2.335	2.335	0.000	99	31843	200.0	214.3	
31 Methyl tert-butyl ether	73	2.414	2.414	0.000	98	162740	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.438	2.438	0.000	99	70717	20.0	21.2	
33 Acrylonitrile	53	2.493	2.493	0.000	93	203406	200.0	230.9	
34 Hexane	57	2.554	2.554	0.000	93	64441	20.0	21.3	
35 Isopropyl ether	45	2.724	2.724	0.000	99	219600	20.0	21.7	
36 1,1-Dichloroethane	63	2.755	2.755	0.000	99	132838	20.0	21.8	
37 Vinyl acetate	43	2.767	2.767	0.000	100	209671	40.0	49.5	
38 2-Chloro-1,3-butadiene	88	2.791	2.791	0.000	92	56625	20.0	21.3	
39 Tert-butyl ethyl ether	59	2.986	2.986	0.000	87	187667	20.0	20.6	
* 40 2-Butanone-d5	46	3.162	3.162	0.000	98	198066	250.0	250.0	
41 2,2-Dichloropropane	79	3.168	3.175	-0.007	94	30021	20.0	22.2	
42 cis-1,2-Dichloroethene	96	3.193	3.199	-0.006	93	72290	20.0	21.2	
43 2-Butanone (MEK)	72	3.211	3.211	0.000	95	19370	100.0	105.2	
44 Ethyl acetate	70	3.217	3.217	0.000	94	7450	40.0	41.5	
45 Methyl acrylate	55	3.266	3.266	0.000	99	32699	20.0	21.6	
46 Propionitrile	54	3.327	3.327	0.000	97	58193	200.0	225.3	
47 Chlorobromomethane	128	3.393	3.394	-0.001	97	35362	20.0	21.5	
48 Tetrahydrofuran	72	3.406	3.406	0.000	85	9969	40.0	45.5	
49 Methacrylonitrile	67	3.412	3.412	0.000	95	176299	200.0	222.8	
50 Chloroform	83	3.442	3.442	0.000	98	118350	20.0	21.7	
51 Cyclohexane	84	3.552	3.552	0.000	97	76343	20.0	20.8	
52 1,1,1-Trichloroethane	97	3.564	3.564	0.000	98	88667	20.0	21.1	
$ 53 Dibromofluoromethane (Surr)	113	3.582	3.582	0.000	95	121071	50.0	51.4	
54 Carbon tetrachloride	117	3.673	3.673	0.000	98	69092	20.0	20.6	
55 1,1-Dichloropropene	75	3.704	3.704	0.000	96	81418	20.0	21.2	
56 Isobutyl alcohol	43	3.856	3.856	0.000	40	55372	500.0	402.2	a
57 Isooctane	57	3.856	3.856	0.000	95	171573	20.0	21.8	
58 Benzene	78	3.886	3.886	0.000	97	229856	20.0	19.8	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.904	3.905	-0.001	0	119604	50.0	51.7	
60 Isopropyl acetate	43	3.947	3.947	0.000	82	118388	20.0	20.8	
61 Tert-amyl methyl ether	55	3.947	3.947	0.000	86	51606	20.0	23.3	
62 1,2-Dichloroethane	62	3.977	3.978	-0.001	96	75187	20.0	20.5	
63 n-Heptane	57	4.032	4.032	0.000	97	24047	20.0	21.2	
* 64 Fluorobenzene	96	4.160	4.160	0.000	98	471202	50.0	50.0	
65 Trichloroethene	95	4.501	4.501	0.000	97	57849	20.0	20.1	
66 n-Butanol	56	4.616	4.616	0.000	49	34361	500.0	1639.7	
67 Methylcyclohexane	83	4.616	4.616	0.000	95	86891	20.0	21.0	
68 Ethyl acrylate	55	4.616	4.622	-0.006	97	108994	20.0	21.9	
69 1,2-Dichloropropane	63	4.780	4.787	-0.007	90	56071	20.0	21.0	
* 70 1,4-Dioxane-d8	96	4.860	4.866	-0.006	0	15555	1000.0	1000.0	
71 Methyl methacrylate	100	4.878	4.878	0.000	95	13581	40.0	42.7	
73 1,4-Dioxane	88	4.920	4.914	0.006	35	7362	400.0	596.2	
72 Dibromomethane	93	4.920	4.921	0.000	94	36736	20.0	21.4	
74 n-Propyl acetate	43	4.945	4.945	0.000	98	39507	20.0	18.8	
75 Dichlorobromomethane	83	5.079	5.079	0.000	99	65346	20.0	21.3	
76 2-Nitropropane	41	5.425	5.419	0.006	86	11583	40.0	35.4	
77 2-Chloroethyl vinyl ether	63	5.437	5.444	-0.007	92	19569	20.0	20.4	
78 Epichlorohydrin	57	5.547	5.547	0.000	99	56723	400.0	446.5	
79 cis-1,3-Dichloropropene	75	5.596	5.596	0.000	95	72251	20.0	21.0	
80 4-Methyl-2-pentanone (MIBK)	43	5.778	5.778	0.000	97	191434	100.0	107.1	
$ 81 Toluene-d8 (Surr)	98	5.845	5.845	0.000	99	306198	50.0	49.2	
82 Toluene	91	5.930	5.924	0.006	93	181244	20.0	20.6	
83 trans-1,3-Dichloropropene	75	6.332	6.326	0.006	99	49021	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.374	6.381	-0.007	94	35588	20.0	21.4	
85 1,1,2-Trichloroethane	83	6.557	6.557	0.000	97	30626	20.0	20.5	
86 Tetrachloroethene	166	6.587	6.587	0.000	95	42223	20.0	19.3	
87 1,3-Dichloropropane	76	6.782	6.782	0.000	96	49895	20.0	20.3	
88 2-Hexanone	58	6.879	6.879	0.000	98	53001	100.0	106.6	
89 n-Butyl acetate	43	7.031	7.025	0.006	97	47902	20.0	20.3	
90 Chlorodibromomethane	129	7.037	7.038	-0.001	98	35956	20.0	20.8	
91 Ethylene Dibromide	107	7.196	7.196	0.000	99	33980	20.0	21.2	
* 92 Chlorobenzene-d5	117	7.804	7.804	0.000	87	259100	50.0	50.0	
93 Chlorobenzene	112	7.840	7.841	-0.001	94	106879	20.0	21.2	
94 Ethylbenzene	106	7.956	7.956	0.000	99	53712	20.0	20.8	
95 1,1,1,2-Tetrachloroethane	131	7.974	7.974	0.000	94	44927	20.0	21.4	
96 m-Xylene & p-Xylene	106	8.114	8.114	0.000	0	65556	20.0	20.9	
97 o-Xylene	106	8.583	8.583	0.000	93	76009	20.0	21.1	
98 n-Butyl acrylate	73	8.607	8.607	0.000	96	27539	20.0	21.0	
99 Styrene	104	8.619	8.619	0.000	94	96928	20.0	21.2	
100 Bromoform	173	8.838	8.838	0.000	95	17422	20.0	20.4	
101 Amyl acetate (mixed isomers)	43	8.862	8.863	-0.001	88	84839	20.0	22.6	
102 Isopropylbenzene	105	8.972	8.972	0.000	97	179703	20.0	21.9	
$ 103 4-Bromofluorobenzene	174	9.179	9.179	0.000	89	76581	50.0	49.5	
104 Bromobenzene	156	9.307	9.307	0.000	97	43943	20.0	20.8	
105 1,1,2,2-Tetrachloroethane	83	9.380	9.380	0.000	99	48010	20.0	22.1	
106 N-Propylbenzene	91	9.392	9.392	0.000	99	196573	20.0	21.1	
107 1,2,3-Trichloropropane	110	9.416	9.416	0.000	98	9814	20.0	21.0	
108 trans-1,4-Dichloro-2-butene	53	9.446	9.447	-0.001	85	7671	20.0	21.3	
109 2-Chlorotoluene	91	9.489	9.489	0.000	97	153884	20.0	21.6	
110 4-Ethyltoluene	105	9.507	9.507	0.000	98	163350	20.0	21.5	
111 1,3,5-Trimethylbenzene	105	9.574	9.574	0.000	92	162895	20.0	21.9	
112 4-Chlorotoluene	91	9.605	9.605	0.000	98	126452	20.0	20.9	
113 Butyl Methacrylate	87	9.696	9.696	0.000	95	66975	20.0	22.0	
114 tert-Butylbenzene	119	9.860	9.854	0.006	93	135661	20.0	22.5	
115 1,2,4-Trimethylbenzene	105	9.915	9.915	0.000	99	165784	20.0	21.7	
116 sec-Butylbenzene	105	10.055	10.055	0.000	99	196611	20.0	22.4	
117 1,3-Dichlorobenzene	146	10.177	10.177	-0.001	95	85225	20.0	21.2	
118 4-Isopropyltoluene	119	10.189	10.189	0.000	97	165109	20.0	22.0	
* 119 1,4-Dichlorobenzene-d4	152	10.243	10.244	-0.001	96	151574	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.262	10.268	-0.006	95	88377	20.0	21.0	
121 1,2,3-Trimethylbenzene	105	10.286	10.286	0.000	99	195965	20.0	22.4	
122 Benzyl chloride	91	10.396	10.396	0.000	98	65139	20.0	22.4	
123 2,3-Dihydroindene	117	10.450	10.450	0.000	94	168434	20.0	22.4	
124 p-Diethylbenzene	119	10.511	10.511	0.000	92	98199	20.0	22.2	
125 n-Butylbenzene	92	10.535	10.536	-0.001	96	82652	20.0	22.2	a
126 1,2-Dichlorobenzene	146	10.578	10.578	0.000	95	96505	20.0	22.0	
127 1,2,4,5-Tetramethylbenzene	119	11.138	11.144	-0.006	97	182562	20.0	22.0	
128 1,2-Dibromo-3-Chloropropane	157	11.223	11.223	0.000	94	9639	20.0	20.6	
129 1,3,5-Trichlorobenzene	180	11.332	11.332	0.000	97	82649	20.0	22.3	
130 1,2,4-Trichlorobenzene	180	11.813	11.807	0.006	94	79851	20.0	22.9	
131 Hexachlorobutadiene	225	11.892	11.892	0.000	91	25917	20.0	22.8	
132 Naphthalene	128	11.989	11.990	-0.001	99	188907	20.0	22.0	
133 1,2,3-Trichlorobenzene	180	12.166	12.166	0.000	96	73491	20.0	23.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 135 Xylenes, Total	100				0		40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	103.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added:	20.00	Units: uL	
524FREONS_00031	Amount Added:	20.00	Units: uL	
ACROLEIN W_00180	Amount Added:	4.00	Units: uL	
GASES Li_00628	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00253	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Feb-2025 14:04:10 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13315.D

Injection Date: 23-Feb-2025 04:46:30 Instrument ID: CVOAMS8 Operator ID:

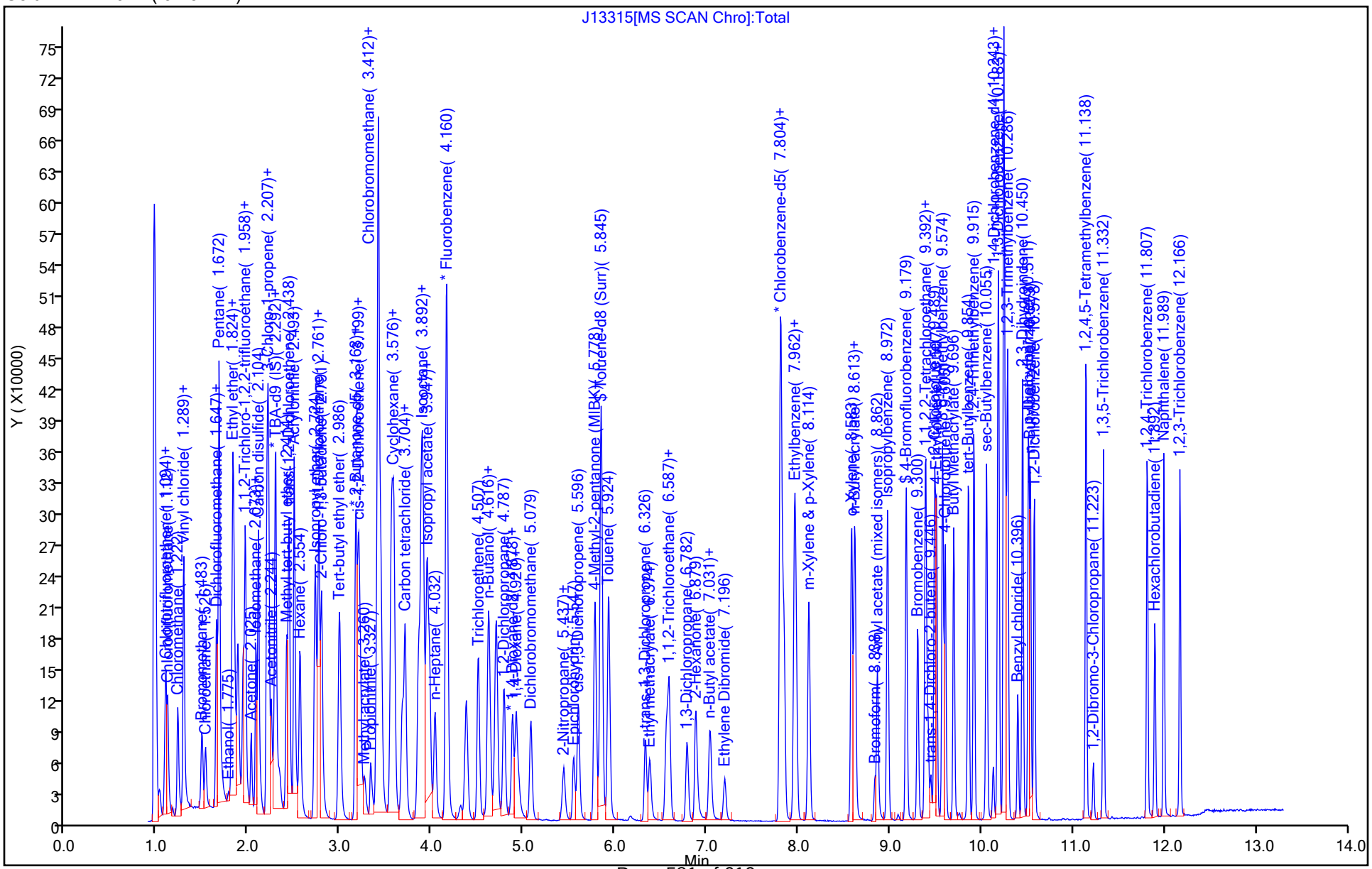
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:04:10 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13315.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 23-Feb-2025 04:46:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0187187-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 14:03:53 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 23-Feb-2025 07:40:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	51.4	102.76
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.36
$ 81 Toluene-d8 (Surr)	50.0	49.2	98.43
$ 103 4-Bromofluorobenzene	50.0	49.5	99.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 MS | Lab Sample ID: 460-320734-3 MS

Matrix: Water | Lab File ID: J13340.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 14:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.1		0.20	0.085
79-00-5	1,1,2-Trichloroethane	19.2		0.58	0.19
75-34-3	1,1-Dichloroethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.0		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		1.0	0.38
106-93-4	1,2-Dibromoethane	19.0		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.21
107-06-2	1,2-Dichloroethane	18.0		0.30	0.087
78-87-5	1,2-Dichloropropane	19.1		0.92	0.074
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.33
78-93-3	2-Butanone	98.4		5.0	1.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone	116		5.0	1.3
67-64-1	Acetone	98.4		5.0	4.4
71-43-2	Benzene	21.7		0.45	0.070
75-27-4	Bromodichloromethane	18.2		0.98	0.15
75-25-2	Bromoform	17.2		1.0	0.54
74-83-9	Bromomethane	19.9		1.0	0.55
75-15-0	Carbon disulfide	16.8		1.0	0.82
56-23-5	Carbon tetrachloride	17.8		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	20.8		1.0	0.32
67-66-3	Chloroform	20.5		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.8		0.45	0.069
110-82-7	Cyclohexane	28.6		1.0	0.32
124-48-1	Dibromochloromethane	17.9		0.78	0.086
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 MS | Lab Sample ID: 460-320734-3 MS

Matrix: Water | Lab File ID: J13340.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 14:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	18.5		1.0	0.31
98-82-8	Isopropylbenzene	36.4		1.0	0.34
108-87-2	Methylcyclohexane	23.4		1.0	0.71
75-09-2	Methylene Chloride	21.6		1.0	0.32
1634-04-4	MTBE	21.8		1.0	0.22
100-42-5	Styrene	20.3		1.0	0.42
127-18-4	Tetrachloroethene	18.0		0.40	0.28
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.2		0.45	0.12
79-01-6	Trichloroethene	77.5		0.28	0.074
75-69-4	Trichlorofluoromethane	19.3		1.0	0.32
75-01-4	Vinyl chloride	20.0		1.0	0.17
1330-20-7	Xylenes, Total	41.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Report Date: 24-Feb-2025 14:03:11 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13340.D
Lims ID: 460-320734-A-3 MS
Client ID: NL-MW-3_20250218
Sample Type: MS
Inject. Date: 23-Feb-2025 14:29:30 ALS Bottle#: 26 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-3 MS
Misc. Info.: 460-0187187-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 13:02:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.078	1.073	0.005	88	3566	20.0	14.6	
2 Dichlorodifluoromethane	85	1.097	1.097	0.000	99	59265	20.0	17.2	
3 Chlorodifluoromethane	67	1.115	1.109	0.006	97	9747	20.0	20.7	
4 Chloromethane	50	1.224	1.219	0.005	99	72416	20.0	18.8	
5 Vinyl chloride	62	1.285	1.280	0.005	97	57567	20.0	20.0	
6 Butadiene	54	1.285	1.286	-0.001	97	51679	20.0	20.4	
7 Bromomethane	94	1.486	1.480	0.006	99	40203	20.0	19.9	
8 Chloroethane	64	1.529	1.523	0.006	98	31934	20.0	20.8	
10 Trichlorofluoromethane	101	1.650	1.645	0.005	98	58072	20.0	19.3	
9 Dichlorofluoromethane	67	1.644	1.645	-0.001	99	101254	20.0	20.7	
11 Pentane	43	1.675	1.675	0.000	96	134966	40.0	33.7	
12 Ethanol	46	1.778	1.772	0.006	96	5178	800.0	880.3	
13 Ethyl ether	59	1.808	1.809	-0.001	94	32688	20.0	20.1	
14 2-Methyl-1,3-butadiene	53	1.827	1.821	0.006	97	46225	20.0	19.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.839	1.839	0.000	96	41682	20.0	21.2	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.881	1.876	0.005	96	72658	20.0	20.6	a
18 Acrolein	56	1.936	1.931	0.005	64	18534	40.0	47.2	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.936	1.937	-0.001	96	42163	20.0	18.5	
19 1,1-Dichloroethene	96	1.961	1.961	0.000	96	53833	20.0	19.3	
20 Acetone	43	2.027	2.022	0.005	86	56828	100.0	98.4	
21 Iodomethane	142	2.076	2.071	0.005	99	112417	20.0	19.8	
22 Isopropyl alcohol	45	2.088	2.083	0.005	99	16243	200.0	200.1	a
23 Carbon disulfide	76	2.107	2.101	0.006	100	183807	20.0	16.8	
24 3-Chloro-1-propene	76	2.198	2.192	0.006	91	33875	20.0	18.1	
25 Methyl acetate	43	2.204	2.198	0.006	92	169766	40.0	108.1	
26 Cyclopentene	67	2.216	2.210	0.006	95	123720	20.0	15.4	
27 Acetonitrile	41	2.246	2.241	0.005	97	99849	200.0	324.5	
* 28 TBA-d9 (IS)	65	2.283	2.277	0.006	83	129023	1000.0	1000.0	
29 Methylene Chloride	84	2.295	2.290	0.005	98	73040	20.0	21.6	
30 2-Methyl-2-propanol	59	2.338	2.332	0.006	93	27236	200.0	202.6	
31 Methyl tert-butyl ether	73	2.417	2.411	0.006	94	148180	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.441	2.436	0.005	98	60129	20.0	20.4	
33 Acrylonitrile	53	2.496	2.490	0.006	92	164639	200.0	206.5	
34 Hexane	57	2.557	2.551	0.006	94	38903	20.0	14.5	
35 Isopropyl ether	45	2.727	2.722	0.005	98	176450	20.0	19.7	
36 1,1-Dichloroethane	63	2.757	2.752	0.005	99	107302	20.0	19.9	
37 Vinyl acetate	43	2.770	2.764	0.006	100	134621	40.0	36.0	
38 2-Chloro-1,3-butadiene	88	2.794	2.788	0.006	92	43164	20.0	18.4	
39 Tert-butyl ethyl ether	59	2.989	2.983	0.006	88	163510	20.0	20.3	
* 40 2-Butanone-d5	46	3.165	3.160	0.005	98	164360	250.0	250.0	
41 2,2-Dichloropropane	79	3.171	3.166	0.005	93	20957	20.0	17.5	
42 cis-1,2-Dichloroethene	96	3.195	3.190	0.005	94	68084	20.0	22.6	
43 2-Butanone (MEK)	72	3.214	3.208	0.006	95	15032	100.0	98.4	
44 Ethyl acetate	70	3.220	3.208	0.012	93	6774	40.0	45.5	
45 Methyl acrylate	55	3.268	3.263	0.005	99	24283	20.0	18.1	
46 Propionitrile	54	3.335	3.324	0.011	98	47991	200.0	205.3	
47 Chlorobromomethane	128	3.396	3.391	0.005	95	28374	20.0	19.5	
48 Tetrahydrofuran	72	3.408	3.397	0.011	96	8204	40.0	45.2	
49 Methacrylonitrile	67	3.414	3.409	0.005	95	140431	200.0	200.8	
50 Chloroform	83	3.445	3.439	0.006	98	98976	20.0	20.5	
51 Cyclohexane	84	3.554	3.549	0.005	96	92660	20.0	28.6	
52 1,1,1-Trichloroethane	97	3.567	3.561	0.006	99	74016	20.0	20.0	
$ 53 Dibromofluoromethane (Surr)	113	3.585	3.579	0.006	95	104219	50.0	50.0	
54 Carbon tetrachloride	117	3.676	3.671	0.005	97	52991	20.0	17.8	
55 1,1-Dichloropropene	75	3.706	3.701	0.005	89	61654	20.0	18.2	
56 Isobutyl alcohol	43	3.859	3.847	0.012	46	45452	500.0	364.7	a
57 Isooctane	57	3.853	3.853	-0.001	89	127242	20.0	18.3	
58 Benzene	78	3.889	3.883	0.006	97	208070	20.0	21.7	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.907	3.902	0.005	0	98313	50.0	48.1	
60 Isopropyl acetate	43	3.950	3.944	0.006	78	98268	20.0	19.6	a
61 Tert-amyl methyl ether	55	3.950	3.944	0.006	86	53788	20.0	27.5	Ma
62 1,2-Dichloroethane	62	3.980	3.969	0.011	96	58279	20.0	18.0	
63 n-Heptane	57	4.035	4.029	0.006	98	14041	20.0	14.0	
* 64 Fluorobenzene	96	4.163	4.157	0.006	98	416436	50.0	50.0	
65 Trichloroethene	95	4.503	4.498	0.005	98	197120	20.0	77.5	
66 n-Butanol	56	4.576	4.613	-0.037	39	17022	500.0	897.8	a
67 Methylcyclohexane	83	4.619	4.613	0.006	95	85316	20.0	23.4	
68 Ethyl acrylate	55	4.619	4.613	0.006	95	107152	20.0	24.3	
69 1,2-Dichloropropane	63	4.789	4.778	0.011	91	44975	20.0	19.1	
* 70 1,4-Dioxane-d8	96	4.868	4.857	0.011	0	11313	1000.0	1000.0	
71 Methyl methacrylate	100	4.881	4.875	0.006	92	10024	40.0	35.7	
72 Dibromomethane	93	4.923	4.912	0.011	94	27704	20.0	18.3	
73 1,4-Dioxane	88	4.923	4.912	0.011	34	4399	400.0	489.8	
74 n-Propyl acetate	43	4.954	4.942	0.012	97	27490	20.0	14.8	
75 Dichlorobromomethane	83	5.081	5.076	0.005	99	49462	20.0	18.2	
76 2-Nitropropane	41	5.422	5.423	-0.001	85	15399	40.0	52.1	
78 Epichlorohydrin	57	5.550	5.538	0.012	97	27147	400.0	258.5	
79 cis-1,3-Dichloropropene	75	5.598	5.593	0.005	94	50430	20.0	17.8	
80 4-Methyl-2-pentanone (MIBK)	43	5.781	5.775	0.006	98	172442	100.0	116.2	
$ 81 Toluene-d8 (Surr)	98	5.848	5.842	0.006	99	259138	50.0	50.5	
82 Toluene	91	5.933	5.921	0.012	93	140475	20.0	19.4	
83 trans-1,3-Dichloropropene	75	6.335	6.329	0.006	97	32402	20.0	17.2	
84 Ethyl methacrylate	69	6.383	6.372	0.011	94	30876	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.566	6.548	0.018	96	23699	20.0	19.2	
86 Tetrachloroethene	166	6.590	6.585	0.006	95	32380	20.0	18.0	
87 1,3-Dichloropropane	76	6.785	6.779	0.006	97	39147	20.0	19.3	
88 2-Hexanone	58	6.882	6.877	0.006	99	42299	100.0	102.6	
89 n-Butyl acetate	43	7.034	7.023	0.012	97	35644	20.0	18.4	
90 Chlorodibromomethane	129	7.040	7.035	0.005	98	25627	20.0	17.9	
91 Ethylene Dibromide	107	7.198	7.187	0.011	98	25039	20.0	19.0	
* 92 Chlorobenzene-d5	117	7.807	7.801	0.006	88	213503	50.0	50.0	
93 Chlorobenzene	112	7.843	7.838	0.005	95	80779	20.0	19.4	
94 Ethylbenzene	106	7.959	7.947	0.012	99	44874	20.0	21.1	
95 1,1,1,2-Tetrachloroethane	131	7.977	7.972	0.005	91	35093	20.0	20.3	
96 m-Xylene & p-Xylene	106	8.117	8.111	0.006	0	53397	20.0	20.6	
97 o-Xylene	106	8.585	8.580	0.005	94	61328	20.0	20.6	
98 n-Butyl acrylate	73	8.610	8.604	0.006	97	21501	20.0	19.9	
99 Styrene	104	8.622	8.616	0.006	93	76316	20.0	20.3	
100 Bromoform	173	8.841	8.835	0.006	96	12124	20.0	17.2	
101 Amyl acetate (mixed isomers)	43	8.865	8.860	0.005	88	63210	20.0	19.4	
137 (-)-a-Pinene	93	8.938	8.912	0.026	0	166		NC	
102 Isopropylbenzene	105	8.975	8.969	0.006	97	246374	20.0	36.4	
$ 103 4-Bromofluorobenzene	174	9.182	9.176	0.006	88	63890	50.0	50.1	
104 Bromobenzene	156	9.303	9.298	0.005	98	35319	20.0	19.3	
105 1,1,2,2-Tetrachloroethane	83	9.382	9.377	0.005	98	39746	20.0	21.1	
106 N-Propylbenzene	91	9.395	9.389	0.006	99	193730	20.0	24.0	
107 1,2,3-Trichloropropane	110	9.419	9.413	0.006	98	8722	20.0	21.5	
108 trans-1,4-Dichloro-2-butene	53	9.449	9.444	0.005	76	4560	20.0	14.6	
109 2-Chlorotoluene	91	9.492	9.486	0.006	97	124593	20.0	20.2	
110 4-Ethyltoluene	105	9.510	9.505	0.005	98	134449	20.0	20.4	
111 1,3,5-Trimethylbenzene	105	9.577	9.571	0.006	92	137407	20.0	21.3	
112 4-Chlorotoluene	91	9.607	9.602	0.005	98	98614	20.0	18.8	
113 Butyl Methacrylate	87	9.699	9.693	0.006	95	49987	20.0	19.0	
114 tert-Butylbenzene	119	9.857	9.851	0.006	92	122455	20.0	23.4	
115 1,2,4-Trimethylbenzene	105	9.918	9.912	0.006	98	139651	20.0	21.1	
116 sec-Butylbenzene	105	10.058	10.052	0.006	99	207731	20.0	27.3	
117 1,3-Dichlorobenzene	146	10.179	10.174	0.005	95	70337	20.0	20.1	
118 4-Isopropyltoluene	119	10.191	10.186	0.005	98	143982	20.0	22.1	
* 119 1,4-Dichlorobenzene-d4	152	10.246	10.241	0.005	96	131550	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.264	10.259	0.005	96	71972	20.0	19.7	
121 1,2,3-Trimethylbenzene	105	10.289	10.283	0.006	99	164408	20.0	21.6	
122 Benzyl chloride	91	10.398	10.393	0.005	98	36526	20.0	14.5	
123 2,3-Dihydroindene	117	10.453	10.448	0.005	95	152335	20.0	23.3	
124 p-Diethylbenzene	119	10.514	10.508	0.006	92	82696	20.0	21.6	
125 n-Butylbenzene	92	10.532	10.533	-0.001	97	67670	20.0	20.9	
126 1,2-Dichlorobenzene	146	10.581	10.575	0.006	95	79637	20.0	20.9	
127 1,2,4,5-Tetramethylbenzene	119	11.140	11.141	-0.001	97	157835	20.0	21.9	
128 1,2-Dibromo-3-Chloropropane	157	11.226	11.220	0.006	90	7568	20.0	18.6	
129 1,3,5-Trichlorobenzene	180	11.335	11.330	0.005	96	68859	20.0	21.4	
130 1,2,4-Trichlorobenzene	180	11.810	11.804	0.006	94	66528	20.0	22.0	
131 Hexachlorobutadiene	225	11.895	11.889	0.006	92	19955	20.0	20.2	
132 Naphthalene	128	11.992	11.987	0.005	99	168626	20.0	22.6	
133 1,2,3-Trichlorobenzene	180	12.169	12.163	0.006	95	61395	20.0	22.5	
S 134 1,2-Dichloroethene, Total	100				0		40.0	43.1	
S 135 Xylenes, Total	100				0		40.0	41.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	103.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added: 20.00	Units: uL		
524FREONS_00031	Amount Added: 20.00	Units: uL		
ACROLEIN W_00180	Amount Added: 4.00	Units: uL		
GASES Li_00628	Amount Added: 20.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00253	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 24-Feb-2025 14:03:11 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13340.D

Injection Date: 23-Feb-2025 14:29:30 Instrument ID: CVOAMS8 Operator ID:

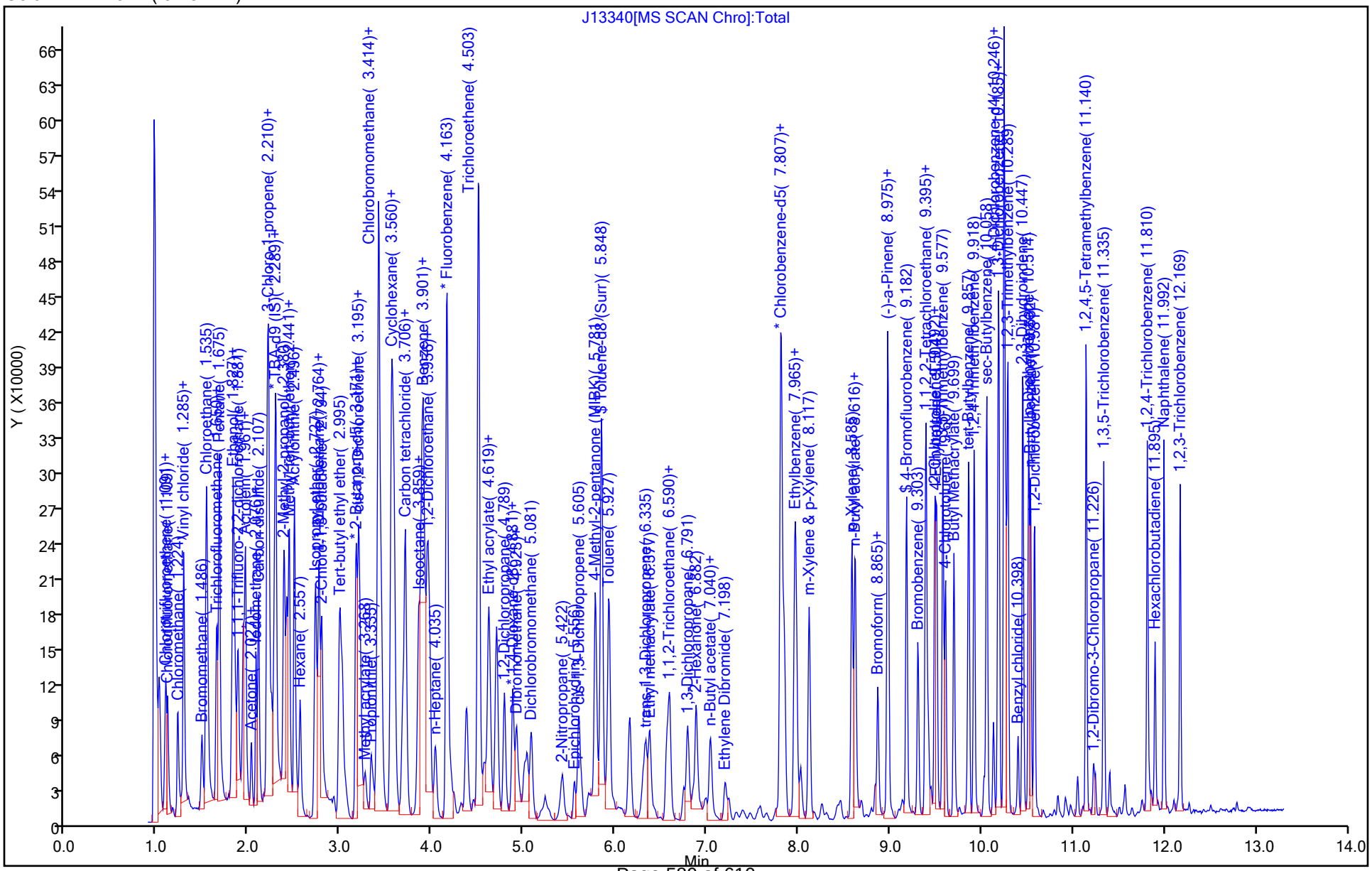
Lims ID: 460-320734-A-3 MS Worklist Smp#: 29

Client ID: NL-MW-3_20250218

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 26

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:03:11 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13340.D
Lims ID: 460-320734-A-3 MS
Client ID: NL-MW-3_20250218
Sample Type: MS
Inject. Date: 23-Feb-2025 14:29:30 ALS Bottle#: 26 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-3 MS
Misc. Info.: 460-0187187-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 13:02:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	50.0	100.09
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.13
$ 81 Toluene-d8 (Surr)	50.0	50.5	101.10
$ 103 4-Bromofluorobenzene	50.0	50.1	100.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 MSD | Lab Sample ID: 460-320734-3 MSD

Matrix: Water | Lab File ID: J13341.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.5		0.20	0.085
79-00-5	1,1,2-Trichloroethane	20.9		0.58	0.19
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	23.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	22.0		1.0	0.38
106-93-4	1,2-Dibromoethane	20.5		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.6		1.0	0.21
107-06-2	1,2-Dichloroethane	19.1		0.30	0.087
78-87-5	1,2-Dichloropropane	19.3		0.92	0.074
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.33
78-93-3	2-Butanone	99.2		5.0	1.9
591-78-6	2-Hexanone	104		5.0	1.1
108-10-1	4-Methyl-2-pentanone	113		5.0	1.3
67-64-1	Acetone	85.7		5.0	4.4
71-43-2	Benzene	24.1		0.45	0.070
75-27-4	Bromodichloromethane	19.6		0.98	0.15
75-25-2	Bromoform	18.4		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	16.7		1.0	0.82
56-23-5	Carbon tetrachloride	18.5		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
75-00-3	Chloroethane	20.5		1.0	0.32
67-66-3	Chloroform	21.4		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.0		0.45	0.069
110-82-7	Cyclohexane	29.0		1.0	0.32
124-48-1	Dibromochloromethane	19.0		0.78	0.086
75-71-8	Dichlorodifluoromethane	16.8		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-320734-1

SDG No.:

Client Sample ID: NL-MW-3_20250218 MSD | Lab Sample ID: 460-320734-3 MSD

Matrix: Water | Lab File ID: J13341.D

Analysis Method: 8260D | Date Collected: 02/18/2025 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2025 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1022545 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.6		1.0	0.30
76-13-1	Freon TF	19.4		1.0	0.31
98-82-8	Isopropylbenzene	37.8		1.0	0.34
108-87-2	Methylcyclohexane	24.2		1.0	0.71
75-09-2	Methylene Chloride	21.1		1.0	0.32
1634-04-4	MTBE	21.2		1.0	0.22
100-42-5	Styrene	21.4		1.0	0.42
127-18-4	Tetrachloroethene	19.1		0.40	0.28
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		0.45	0.12
79-01-6	Trichloroethene	82.2		0.28	0.074
75-69-4	Trichlorofluoromethane	20.4		1.0	0.32
75-01-4	Vinyl chloride	19.9		1.0	0.17
1330-20-7	Xylenes, Total	44.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Report Date: 24-Feb-2025 14:03:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13341.D
Lims ID: 460-320734-A-3 MSD
Client ID: NL-MW-3_20250218
Sample Type: MSD
Inject. Date: 23-Feb-2025 14:51:30 ALS Bottle#: 27 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-320734-A-3 MSD
Misc. Info.: 460-0187187-030
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2025 13:57:34 Calib Date: 22-Feb-2025 20:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 24-Feb-2025 13:30:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	118	1.076	1.073	0.003	87	3745	20.0	14.5	
2 Dichlorodifluoromethane	85	1.095	1.097	-0.002	98	61381	20.0	16.8	
3 Chlorodifluoromethane	67	1.113	1.109	0.004	97	9807	20.0	19.7	
4 Chloromethane	50	1.222	1.219	0.003	100	76536	20.0	18.8	
5 Vinyl chloride	62	1.283	1.280	0.003	98	60685	20.0	19.9	
6 Butadiene	54	1.289	1.286	0.003	97	56226	20.0	20.9	
7 Bromomethane	94	1.484	1.480	0.004	99	41932	20.0	19.5	
8 Chloroethane	64	1.527	1.523	0.004	98	33265	20.0	20.5	
10 Trichlorofluoromethane	101	1.648	1.645	0.003	98	65296	20.0	20.4	
9 Dichlorofluoromethane	67	1.648	1.645	0.003	98	110119	20.0	21.2	
11 Pentane	43	1.679	1.675	0.004	95	146997	40.0	34.6	
12 Ethanol	46	1.776	1.772	0.004	97	3313	800.0	508.2	
13 Ethyl ether	59	1.813	1.809	0.003	95	37229	20.0	21.6	
14 2-Methyl-1,3-butadiene	53	1.825	1.821	0.004	98	49621	20.0	19.4	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	1.843	1.839	0.004	96	45355	20.0	21.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	1.879	1.876	0.003	96	77823	20.0	20.8	a
18 Acrolein	56	1.940	1.931	0.009	67	20846	40.0	47.9	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.940	1.937	0.003	95	46698	20.0	19.4	
19 1,1-Dichloroethene	96	1.965	1.961	0.004	97	55889	20.0	18.9	
20 Acetone	43	2.025	2.022	0.003	86	57044	100.0	85.7	
21 Iodomethane	142	2.074	2.071	0.003	99	114426	20.0	19.0	
22 Isopropyl alcohol	45	2.086	2.083	0.003	100	22357	200.0	248.5	
23 Carbon disulfide	76	2.105	2.101	0.003	100	193796	20.0	16.7	
24 3-Chloro-1-propene	76	2.196	2.192	0.004	94	35835	20.0	18.1	
25 Methyl acetate	43	2.208	2.198	0.010	91	196643	40.0	112.9	
26 Cyclopentene	67	2.214	2.210	0.004	90	135357	20.0	15.8	
27 Acetonitrile	41	2.244	2.241	0.003	95	79618	200.0	233.5	M
* 28 TBA-d9 (IS)	65	2.287	2.277	0.010	81	143000	1000.0	1000.0	
29 Methylene Chloride	84	2.293	2.290	0.003	99	75839	20.0	21.1	
30 2-Methyl-2-propanol	59	2.336	2.332	0.004	93	33062	200.0	221.9	
31 Methyl tert-butyl ether	73	2.415	2.411	0.004	93	152690	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	2.439	2.436	0.003	98	64516	20.0	20.7	
33 Acrylonitrile	53	2.494	2.490	0.004	94	181288	200.0	205.2	
34 Hexane	57	2.561	2.551	0.010	94	45868	20.0	16.2	
35 Isopropyl ether	45	2.725	2.722	0.003	98	192220	20.0	20.3	
36 1,1-Dichloroethane	63	2.755	2.752	0.003	99	117761	20.0	20.6	
37 Vinyl acetate	43	2.768	2.764	0.004	100	153690	40.0	38.7	
38 2-Chloro-1,3-butadiene	88	2.798	2.788	0.010	92	49366	20.0	19.8	
39 Tert-butyl ethyl ether	59	2.993	2.983	0.010	87	172709	20.0	20.3	
* 40 2-Butanone-d5	46	3.163	3.160	0.003	98	189501	250.0	250.0	
41 2,2-Dichloropropane	79	3.175	3.166	0.009	96	23451	20.0	18.5	
42 cis-1,2-Dichloroethene	96	3.200	3.190	0.010	94	75980	20.0	23.8	
43 2-Butanone (MEK)	72	3.218	3.208	0.010	95	17468	100.0	99.2	
44 Ethyl acetate	70	3.218	3.208	0.010	93	7081	40.0	41.3	
45 Methyl acrylate	55	3.266	3.263	0.003	99	27964	20.0	19.7	
46 Propionitrile	54	3.333	3.324	0.009	98	53868	200.0	208.0	
47 Chlorobromomethane	128	3.400	3.391	0.009	95	29801	20.0	19.3	
48 Tetrahydrofuran	72	3.406	3.397	0.009	94	8123	40.0	38.8	
49 Methacrylonitrile	67	3.419	3.409	0.010	95	158734	200.0	214.0	
50 Chloroform	83	3.443	3.439	0.004	98	109289	20.0	21.4	
51 Cyclohexane	84	3.558	3.549	0.009	96	99629	20.0	29.0	
52 1,1,1-Trichloroethane	97	3.571	3.561	0.010	99	78485	20.0	20.0	
$ 53 Dibromofluoromethane (Surr)	113	3.583	3.579	0.004	96	113538	50.0	51.4	
54 Carbon tetrachloride	117	3.680	3.671	0.009	97	58201	20.0	18.5	
55 1,1-Dichloropropene	75	3.711	3.701	0.010	90	69935	20.0	19.4	
56 Isobutyl alcohol	43	3.857	3.847	0.010	64	60681	500.0	439.7	a
57 Isooctane	57	3.857	3.853	0.004	93	142487	20.0	19.3	
58 Benzene	78	3.887	3.883	0.004	98	240596	20.0	24.1	
$ 59 1,2-Dichloroethane-d4 (Surr)	65	3.905	3.902	0.003	0	112576	50.0	51.9	
60 Isopropyl acetate	43	3.948	3.944	0.004	80	112454	20.0	21.1	a
61 Tert-amyl methyl ether	55	3.948	3.944	0.004	85	63805	20.0	30.7	Ma
62 1,2-Dichloroethane	62	3.978	3.969	0.009	96	65437	20.0	19.1	
63 n-Heptane	57	4.033	4.029	0.004	97	17261	20.0	16.2	
* 64 Fluorobenzene	96	4.161	4.157	0.004	98	441746	50.0	50.0	
65 Trichloroethene	95	4.507	4.498	0.009	97	221769	20.0	82.2	
66 n-Butanol	56	4.568	4.613	-0.045	60	21585	500.0	1027.2	a
67 Methylcyclohexane	83	4.617	4.613	0.004	95	93842	20.0	24.2	
68 Ethyl acrylate	55	4.629	4.613	0.016	97	77325	20.0	16.6	a
69 1,2-Dichloropropane	63	4.787	4.778	0.009	90	48320	20.0	19.3	
* 70 1,4-Dioxane-d8	96	4.866	4.857	0.009	0	13179	1000.0	1000.0	
71 Methyl methacrylate	100	4.885	4.875	0.010	91	11839	40.0	39.7	
72 Dibromomethane	93	4.921	4.912	0.009	93	32124	20.0	20.0	
73 1,4-Dioxane	88	4.927	4.912	0.015	34	6904	400.0	659.9	
74 n-Propyl acetate	43	4.952	4.942	0.010	98	34515	20.0	17.6	
75 Dichlorobromomethane	83	5.079	5.076	0.003	99	56516	20.0	19.6	
76 2-Nitropropane	41	5.420	5.423	-0.003	84	15824	40.0	48.3	
78 Epichlorohydrin	57	5.548	5.538	0.010	97	29223	400.0	241.5	
79 cis-1,3-Dichloropropene	75	5.603	5.593	0.009	93	56306	20.0	19.0	
80 4-Methyl-2-pentanone (MIBK)	43	5.779	5.775	0.004	98	193566	100.0	113.2	
$ 81 Toluene-d8 (Surr)	98	5.852	5.842	0.010	99	285617	50.0	53.4	
82 Toluene	91	5.931	5.921	0.010	93	157203	20.0	20.8	
83 trans-1,3-Dichloropropene	75	6.333	6.329	0.004	98	37918	20.0	19.4	
84 Ethyl methacrylate	69	6.381	6.372	0.009	94	31756	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.564	6.548	0.016	95	26856	20.0	20.9	
86 Tetrachloroethene	166	6.594	6.585	0.010	95	35888	20.0	19.1	
87 1,3-Dichloropropane	76	6.789	6.779	0.010	96	43525	20.0	20.6	
88 2-Hexanone	58	6.880	6.877	0.004	99	49404	100.0	103.9	
89 n-Butyl acetate	43	7.032	7.023	0.010	97	41369	20.0	20.4	
90 Chlorodibromomethane	129	7.044	7.035	0.009	98	28311	20.0	19.0	
91 Ethylene Dibromide	107	7.196	7.187	0.009	98	28172	20.0	20.5	
* 92 Chlorobenzene-d5	117	7.811	7.801	0.010	88	222605	50.0	50.0	
93 Chlorobenzene	112	7.847	7.838	0.009	94	90458	20.0	20.8	
94 Ethylbenzene	106	7.963	7.947	0.016	99	47802	20.0	21.6	
95 1,1,1,2-Tetrachloroethane	131	7.975	7.972	0.003	93	37451	20.0	20.8	
96 m-Xylene & p-Xylene	106	8.115	8.111	0.004	0	58616	20.0	21.7	
97 o-Xylene	106	8.583	8.580	0.003	93	69257	20.0	22.4	
98 n-Butyl acrylate	73	8.614	8.604	0.010	97	23780	20.0	21.1	
99 Styrene	104	8.620	8.616	0.004	93	83790	20.0	21.4	
100 Bromoform	173	8.839	8.835	0.004	95	13529	20.0	18.4	
101 Amyl acetate (mixed isomers)	43	8.863	8.860	0.003	88	76780	20.0	23.2	
137 (-)-a-Pinene	93	8.918	8.912	0.006	0	101		NC	
102 Isopropylbenzene	105	8.979	8.969	0.010	96	267088	20.0	37.8	
$ 103 4-Bromofluorobenzene	174	9.180	9.176	0.004	89	69280	50.0	52.2	
104 Bromobenzene	156	9.307	9.298	0.009	97	38061	20.0	20.4	
105 1,1,2,2-Tetrachloroethane	83	9.386	9.377	0.009	98	43105	20.0	22.5	
106 N-Propylbenzene	91	9.393	9.389	0.003	99	216147	20.0	26.3	
107 1,2,3-Trichloropropane	110	9.423	9.413	0.010	97	9542	20.0	23.2	
108 trans-1,4-Dichloro-2-butene	53	9.447	9.444	0.003	79	5015	20.0	15.8	
109 2-Chlorotoluene	91	9.490	9.486	0.004	97	135179	20.0	21.5	
110 4-Ethyltoluene	105	9.508	9.505	0.003	98	140320	20.0	21.0	
111 1,3,5-Trimethylbenzene	105	9.575	9.571	0.004	92	148057	20.0	22.5	
112 4-Chlorotoluene	91	9.605	9.602	0.003	98	110638	20.0	20.7	
113 Butyl Methacrylate	87	9.697	9.693	0.004	96	56593	20.0	21.1	
114 tert-Butylbenzene	119	9.861	9.851	0.010	92	132590	20.0	24.9	
115 1,2,4-Trimethylbenzene	105	9.922	9.912	0.010	98	146023	20.0	21.7	
116 sec-Butylbenzene	105	10.056	10.052	0.004	99	221411	20.0	28.6	
117 1,3-Dichlorobenzene	146	10.183	10.174	0.009	95	71804	20.0	20.2	
118 4-Isopropyltoluene	119	10.189	10.186	0.003	97	150008	20.0	22.7	
* 119 1,4-Dichlorobenzene-d4	152	10.244	10.241	0.003	97	133828	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.269	10.259	0.010	96	77487	20.0	20.9	
121 1,2,3-Trimethylbenzene	105	10.287	10.283	0.004	99	172309	20.0	22.3	
122 Benzyl chloride	91	10.396	10.393	0.003	98	40082	20.0	15.6	
123 2,3-Dihydroindene	117	10.451	10.448	0.003	95	159568	20.0	24.0	
124 p-Diethylbenzene	119	10.512	10.508	0.004	92	92971	20.0	23.8	
125 n-Butylbenzene	92	10.536	10.533	0.003	96	74104	20.0	22.5	a
126 1,2-Dichlorobenzene	146	10.579	10.575	0.004	95	83539	20.0	21.6	
127 1,2,4,5-Tetramethylbenzene	119	11.145	11.141	0.004	97	165081	20.0	22.5	
128 1,2-Dibromo-3-Chloropropane	157	11.224	11.220	0.004	94	9105	20.0	22.0	
129 1,3,5-Trichlorobenzene	180	11.333	11.330	0.003	97	72796	20.0	22.3	
130 1,2,4-Trichlorobenzene	180	11.814	11.804	0.010	94	72922	20.0	23.7	
131 Hexachlorobutadiene	225	11.899	11.889	0.010	92	21904	20.0	21.8	
132 Naphthalene	128	11.996	11.987	0.009	99	189761	20.0	25.0	
133 1,2,3-Trichlorobenzene	180	12.173	12.163	0.010	95	70149	20.0	25.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.5	
S 135 Xylenes, Total	100				0		40.0	44.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	110.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00201	Amount Added: 20.00	Units: uL		
524FREONS_00031	Amount Added: 20.00	Units: uL		
ACROLEIN W_00180	Amount Added: 4.00	Units: uL		
GASES Li_00628	Amount Added: 20.00	Units: uL		
8260ISNEW_00210	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00253	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 24-Feb-2025 14:03:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13341.D

Injection Date: 23-Feb-2025 14:51:30 Instrument ID: CVOAMS8 Operator ID:

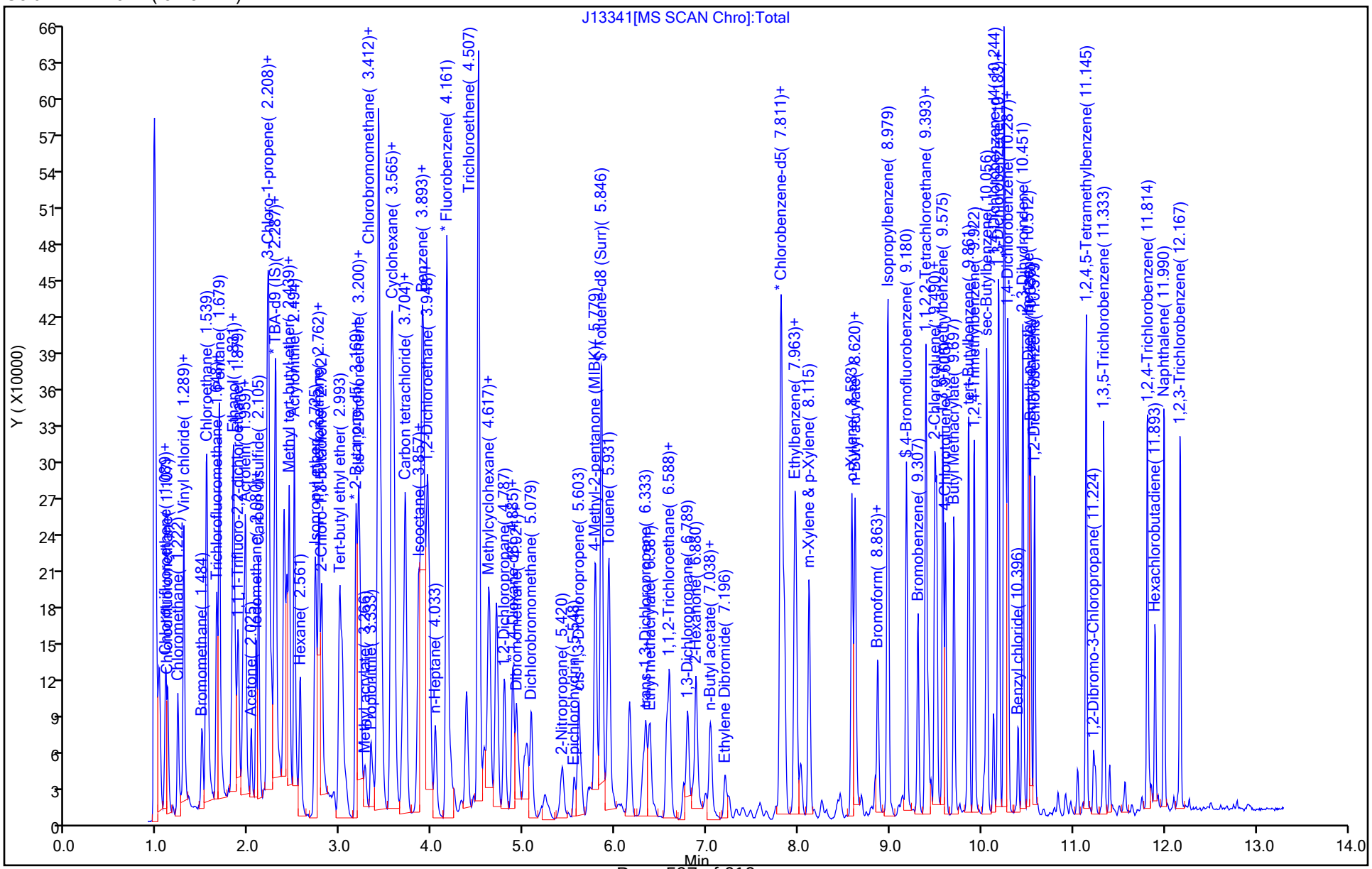
Lims ID: 460-320734-A-3 MSD Worklist Smp#: 30

Client ID: NL-MW-3_20250218

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 27

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Report Date: 24-Feb-2025 14:03:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\J13341.D				
Lims ID:	460-320734-A-3 MSD				
Client ID:	NL-MW-3_20250218				
Sample Type:	MSD				
Inject. Date:	23-Feb-2025 14:51:30	ALS Bottle#:	27	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-320734-A-3 MSD				
Misc. Info.:	460-0187187-030				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20250223-187187.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	24-Feb-2025 13:57:34	Calib Date:	22-Feb-2025 20:05:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20250222-187183.b\J13304.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1671				

First Level Reviewer: NN6A Date: 24-Feb-2025 13:30:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	51.4	102.79
$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.77
$ 81 Toluene-d8 (Surr)	50.0	53.4	106.87
$ 103 4-Bromofluorobenzene	50.0	52.2	104.31

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 02/22/2025 16:46

Analysis Batch Number: 1022525 End Date: 02/22/2025 22:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1022525/1		02/22/2025 16:46	1	J13295.D	Rtx-624 0.25(mm)
STD8 460-1022525/3 IC		02/22/2025 17:24	1	J13297.D	Rtx-624 0.25(mm)
STD7 460-1022525/4 IC		02/22/2025 17:47	1	J13298.D	Rtx-624 0.25(mm)
STD1 460-1022525/5 IC		02/22/2025 18:10	1	J13299.D	Rtx-624 0.25(mm)
STD5 460-1022525/6 IC		02/22/2025 18:33	1	J13300.D	Rtx-624 0.25(mm)
STD20 460-1022525/7 ICIS		02/22/2025 18:56	1	J13301.D	Rtx-624 0.25(mm)
STD50 460-1022525/8 IC		02/22/2025 19:19	1	J13302.D	Rtx-624 0.25(mm)
STD200 460-1022525/9 IC		02/22/2025 19:42	1	J13303.D	Rtx-624 0.25(mm)
STD500 460-1022525/10 IC		02/22/2025 20:05	1	J13304.D	Rtx-624 0.25(mm)
ICV 460-1022525/17		02/22/2025 22:45	1	J13311.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 02/23/2025 04:00

Analysis Batch Number: 1022545 End Date: 02/23/2025 15:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1022545/2		02/23/2025 04:00	1	J13313.D	Rtx-624 0.25(mm)
LCS 460-1022545/3		02/23/2025 04:23	1	J13314.D	Rtx-624 0.25(mm)
LCSD 460-1022545/4		02/23/2025 04:46	1	J13315.D	Rtx-624 0.25(mm)
MB 460-1022545/9		02/23/2025 06:54	1	J13320.D	Rtx-624 0.25(mm)
ZZZZZ		02/23/2025 07:17	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 07:39	1		Rtx-624 0.25(mm)
460-320734-1	NL-MW-1E_20250218	02/23/2025 08:02	1	J13323.D	Rtx-624 0.25(mm)
460-320734-2	NL-MW-2E_20250218	02/23/2025 08:25	1	J13324.D	Rtx-624 0.25(mm)
460-320734-3	NL-MW-3_20250218	02/23/2025 08:47	1	J13325.D	Rtx-624 0.25(mm)
460-320734-4	NL-MW-DUP_20250218	02/23/2025 09:10	1	J13326.D	Rtx-624 0.25(mm)
460-320734-5	NL-MW-TB-01_20250218	02/23/2025 09:33	1	J13327.D	Rtx-624 0.25(mm)
460-320734-6	NL-MW-FB-01_20250218	02/23/2025 09:55	1	J13328.D	Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 10:18	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 10:41	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 11:04	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 11:27	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 12:36	20		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 12:58	25		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 13:21	50		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 13:43	50		Rtx-624 0.25(mm)
ZZZZZ (Client)		02/23/2025 14:06	50		Rtx-624 0.25(mm)
460-320734-3 MS	NL-MW-3_20250218 MS	02/23/2025 14:29	1	J13340.D	Rtx-624 0.25(mm)
460-320734-3 MSD	NL-MW-3_20250218 MSD	02/23/2025 14:51	1	J13341.D	Rtx-624 0.25(mm)
ZZZZZ (QC)		02/23/2025 15:14	50		Rtx-624 0.25(mm)
ZZZZZ (QC)		02/23/2025 15:36	50		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Batch Number: 1022525 Batch Start Date: 02/22/25 16:46 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00178	524FREONS 00031	7 Freons Hi 00024	7 Freons SS 00024
BFB 460-1022525/1		8260D			5 mL	5 mL				
STD8 460-1022525/3 IC		8260D			5 mL	5 mL				
STD7 460-1022525/4 IC		8260D			5 mL	5 mL				
STD1 460-1022525/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-1022525/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1022525/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1022525/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1022525/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1022525/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-1022525/17		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00189	8260ISNEW 00210	8260MIX1COMB 00201	8260SURR250 00253	ACROLEIN SP 00174	ACROLEIN W 00180
BFB 460-1022525/1		8260D								
STD8 460-1022525/3 IC		8260D				1 uL	2 uL	1 uL		
STD7 460-1022525/4 IC		8260D				1 uL		1 uL		
STD1 460-1022525/5 IC		8260D				1 uL	10 uL	1 uL		4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Batch Number: 1022525 Batch Start Date: 02/22/25 16:46 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00189	8260ISNEW 00210	8260MIX1COMB 00201	8260SURR250 00253	ACROLEIN SP 00174	ACROLEIN W 00180
STD5 460-1022525/6 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-1022525/7 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD50 460-1022525/8 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-1022525/9 IC		8260D				1 uL		1 uL		20 uL
STD500 460-1022525/10 IC		8260D				1 uL		1 uL		40 uL
ICV 460-1022525/17		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00134	BFB 00038	Ethanol mix 00098	GAS C SP 00611	GAS Hi 00489	GASES Li 00628
BFB 460-1022525/1		8260D				1 uL				
STD8 460-1022525/3 IC		8260D								
STD7 460-1022525/4 IC		8260D			20 uL					2.5 uL
STD1 460-1022525/5 IC		8260D								10 uL
STD5 460-1022525/6 IC		8260D								10 uL
STD20 460-1022525/7 ICIS		8260D								20 uL
STD50 460-1022525/8 IC		8260D								50 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Batch Number: 1022525 Batch Start Date: 02/22/25 16:46 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00134	BFB 00038	Ethanol mix 00098	GAS C SP 00611	GAS Hi 00489	GASES Li 00628
STD200 460-1022525/9 IC		8260D					20 uL		20 uL	
STD500 460-1022525/10 IC		8260D					50 uL		50 uL	
ICV 460-1022525/17		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00158	MIX I Hi 00185				
BFB 460-1022525/1		8260D								
STD8 460-1022525/3 IC		8260D								
STD7 460-1022525/4 IC		8260D								
STD1 460-1022525/5 IC		8260D								
STD5 460-1022525/6 IC		8260D								
STD20 460-1022525/7 ICIS		8260D								
STD50 460-1022525/8 IC		8260D								
STD200 460-1022525/9 IC		8260D			20 uL	20 uL				
STD500 460-1022525/10 IC		8260D			50 uL	50 uL				
ICV 460-1022525/17		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Batch Number: 1022525 Batch Start Date: 02/22/25 16:46 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Batch Number: 1022545 Batch Start Date: 02/23/25 04:00 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00031	8260ISNEW 00210	8260MIX1COMB 00201
CCVIS 460-1022545/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1022545/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-1022545/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1022545/9		8260D			5 mL	5 mL			1 uL	
460-320734-A-1	NL-MW-1E_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-320734-A-2	NL-MW-2E_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-320734-A-3	NL-MW-3_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-320734-A-4	NL-MW-DUP_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-320734-B-5	NL-MW-TB-01_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-320734-B-6	NL-MW-FB-01_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-320734-A-3 MS	NL-MW-3_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-320734-A-3 MSD	NL-MW-3_20250218	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00253	ACROLEIN W 00180	GASES Li 00628			
CCVIS 460-1022545/2		8260D			1 uL	4 uL	20 uL			
LCS 460-1022545/3		8260D			1 uL	4 uL	20 uL			
LCSD 460-1022545/4		8260D			1 uL	4 uL	20 uL			
MB 460-1022545/9		8260D			1 uL					
460-320734-A-1	NL-MW-1E_20250218	8260D	Water	T	1 uL					
460-320734-A-2	NL-MW-2E_20250218	8260D	Water	T	1 uL					
460-320734-A-3	NL-MW-3_20250218	8260D	Water	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-320734-1

SDG No.:

Batch Number: 1022545 Batch Start Date: 02/23/25 04:00 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00253	ACROLEIN W 00180	GASES Li 00628			
460-320734-A-4	NL-MW-DUP_20250218	8260D	Water	T	1 uL					
460-320734-B-5	NL-MW-TB-01_20250218	8260D	Water	T	1 uL					
460-320734-B-6	NL-MW-FB-01_20250218	8260D	Water	T	1 uL					
460-320734-A-3 MS	NL-MW-3_20250218	8260D	Water	T	1 uL	4 uL	20 uL			
460-320734-A-3 MSD	NL-MW-3_20250218	8260D	Water	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

GW 686716

eurofins | Environment Testing America

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jepsen	Site Contact: Brian Quinn	Date: 02/18/25	COC No:
Company Name: AKRF	Tel/Email: 336-266 9358 / MJepsen@AKRF	Lab Contact: Hayes McKay	Carrier:	1 of 1 COCs
Address: 440 Park Ave S 7th Floor	Analysis Turnaround Time			Sampler:
City/State/Zip: NY, NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below Standard			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling
Project Name: 3200 Jerome	☐ 1 week			
Site: 3200 Jerome Ave	☐ 2 days			Job / SDG No.
PO# 11754	☐ 1 day			320734

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOC 8260	Sample Specific Notes:
NL-MW-1E_20250218	2/18/25	9:20	G	GW	3			X	-1
NL-MW-2E_20250218		13:00			3			X	-2
NL-MW-3_20250218		11:45			9		X	X	-3
NL-MW-DUP_20250218		12:00			3			X	-4
NL-MW-TB-01_20250218		14:00		TB	2			X	-5
NL-MW-FB-01_20250218		14:05		FB	2			X	-6

460-320734 Chain of Custody

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

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

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

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

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:
LGB to report project specific compounds list CLOSE SDG, Cat B Deliverables

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	AKRF	02/18/25 1430		ETA	2-18-25 1450
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ETA 2-18-25	1700		ETA 2-18-25	16:30
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
	ETA 2-18-25	18:00		EGG	2/18/25 1800

ms/ms d # a 42/44

ELAP 12172

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 320734

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.2℃	4.4℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

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

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

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

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

Initials: MJ Date: 2-18-25

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-320734-1

Login Number: 320734
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

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

APPENDIX C

SSD/SVES INSPECTION, OPERATIONS, AND LABORATORY DATA

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

Inspector Name(s):	B. Quinn & G. De Marzo	**Date:**	2/18/2025
Time IN:	8:00 AM	**Time OUT:**	3:30 PM

General

Weather:	Temperature (°F):	Barometric Pressure:	Ambient Air PID (ppm):
Sunny	20	30.17 in. Hg	background = ND, basment = ND, 1st Floor = ND

When was the last rain event? Saturday **February 16, 2024 (02:00 PM)**

Is the blower currently operating? **Yes**

If no, please list reason/alarm condition:

Any evidence of system tampering, vandalism or damage in the basement? **No**

Any evidence of system tampering, vandalism or damage to the exhaust stack (view from 1st, 2nd floors, and exterior)? **No**

Were all cleanout/sampling port caps securely attached prior to system testing? **Yes**

If no, list location and contact Project Manager/Project Director.

Is the concrete floor slab overlying all of the SSDS pits and piping runs intact? **Yes**

If no, list location and contact Project Manager/Project Director.

SSDS and SVE Operations

VFD Setting: **35 Hz**

System Temperatures [1]

T-101; Pre-Blower Temperature (°F): 58**°F**	T-102; Post-Blower Temperature(°F): **74°F**	TSH-102 (on screen) ;Enclosure Temperature (°F): **<104°F**
Condensate in Header (inches): **ND**	Condensate in 55-gallon drum (gallons): **ND**[2]	Transfer Pump Working? **Yes**
VI-110; Pre-Filter Pressure (inches H2O): **19"** VI-101; Post-Filter Pressure (inches H2O): **18.54"**	Vaccum Loss Across Blower (inches H_2O): **0.460"** Notable Change since last inspection?: **No (1.041")**	Basement fan working? **Yes**

Notes:

1. Normal system temperatures are <125°F for post-blower vapor and <104°F for internal temperature blower enclosure.

2. One 55-gallon drum used for purged groundwater is staged securely in the basement. All water in drum came from groundwater purging.

3. Gauge for Pre-Blower subject to slight deviations for vaccum reading.

PID - Photoionization Detector ppm - parts per million

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

SSDS and SVE Operations

Sample Identification	Sample Location	Pressure Reading [3] in. H_2O	Magnehelic Gauge [4] in. H_2O	Air Flow Reading [4] cfm	PID Reading [5] ppm	Butterfly Valve Position from Closed
SSDS-8	Basement Manifold [1]	-1.153	0.020	33	0.8	2
SSDS-6	Basement Manifold [1]	-1.860	0.075	64	1.1	2
SSDS-5	Basement Manifold [1]	-1.283	0.135	85	0.9	2
SSDS-4	Basement Manifold [1]	-1.660	0.015	28	1.1	2-3
SSDS-3	Basement Manifold [1]	-2.010	0.050	52	1.1	2-3
SSDS-2	Basement Manifold [1]	-1.915	0.025	37	1.3	2
SSDS-1	Basement Manifold [1]	-1.581	0.035	43	1.5	2
SVE-1	Basement Manifold [1]	-18.000	0.005	16	6.9	8
SSDS-7	Basement Manifold [1]	-2.283	0.005	16	3.0	2
Ambient Air in Basement	Basement	NA	NA	NA	0.7	NA
Pre-Blower (Combined)	Basement	-19.00	NA	NA	0.0	NA
Post-Blower (Stack) (Combined)	Basement	0.850	NA	NA	0.9	NA
MP-1	First Floor [2]	-1.113	NA	NA	NA	NA
MP-2	First Floor [2]	-1.150	NA	NA	NA	NA
MP-3	First Floor [2]	-0.020	NA	NA	NA	NA
MP-4	First Floor [2]	-0.007	NA	NA	NA	NA

Comments:

Notes:

1. System vacuum points located on the basement manifold are listed in as-built order from south to north, (viewed left to right when facing western basement wall.)

2. Monitoring point locations (see Figure 19 of the Site Management Plan):

MP-1: North central portion of first floor
MP-2: Southeastern portion of first floor; adjacent to entrance stairway
MP-3: Western portion of first floor
MP-4: South central portion of first floor

3. Under current VFD setting (35 Hz), anticipated system vacuums range between +/- 1.0 in. H_2O at sample locations SSDS-1 through SSDS-7, +/- 1.0 in H_2O at sample location SSDS-8, and +/- 10-15 in. H_2O at SVE-1. A minimum of -0.004 in. H_2O at monitoring points MP-1 through MP-4 . If observations are confirmed to be outside of this range, inform emergency contacts and prepare corrective action plan.

4. Air Flow Rate Calculation used to determine air flow in CFM based on gauge reading. During operations of the VFD at 35 Hz, normal system flow rates range between approximately 30 and 100 cfm sample locations SSDS-1 through SSDS-6 and SSDS-8 and between approximately 10 to 30 cfm for SVE-1 and SSDS-7 during system operation without carbon units attached. Both carbon units were removed from system in Q12016. If observations are confirmed to be outside of this range, inform emergency contacts immediately.

5. Air sampling pump and tedlar bags required to collect vapor samples.

NS - Not sampled

in. H2O - inches of water

cfm - cubic feet per minute

PID - Photoionization Detector

ppm - parts per million

GAC - granular activated carbon

NA - not applicable

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

System Vapor Samples:

Sample Location	Sample ID	Sample Date	Start Time	End Time	Notes
SSDS-8	NS	N/A	N/A	N/A	
SSDS-6	NS	N/A	N/A	N/A	
SSDS-5	NS	N/A	N/A	N/A	
SSDS-4	NS	N/A	N/A	N/A	
SSDS-3	NS	N/A	N/A	N/A	
SSDS-2	NS	N/A	N/A	N/A	
SSDS-1	NS	N/A	N/A	N/A	
SVE-1	NL-SVE-1_20250218	2/18/2025	13:07	13:17	
SSDS-7	NL-IV-7_20250218	2/18/2025	13:20	13:30	
Total Influent	NL-IV-Total_20250218	2/18/2025	13:32	13:42	
Duplicate	NL-IV-Dup_20250218	2/18/2025	13:45	13:55	Duplicate of SSDS-7
Total Effluent (Stack)	NL-EV-Post_20250218	2/18/2025	13:58	14:08	

Notes: SVE-1, SSDS-7, total influent, and total effluent were sampled on 2/18/2025.

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office) 917-991-4030 (cell)
Dustin Kapson	AKRF Project Manager	646-388-9767 (office) 646-823-5144 (cell)
James Rinzler	Owner's Representative	212-685-6500 (office)

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

Inspector Name(s):	M. Jepsen and B. Quinn	**Date:**	8/27/2024
Time IN:	8:45 AM	**Time OUT:**	3:45 PM

General

Weather:	Temperature (°F):	Barometric Pressure:	Ambient Air PID (ppm):
Sunny	72-83	30.13 in. Hg	background = ND, basment = ND, 1st Floor = ND

When was the last rain event? **Monday August 26, 2024**

Is the blower currently operating? **Yes**

If no, please list reason/alarm condition:

Any evidence of system tampering, vandalism or damage in the basement? **No**

Any evidence of system tampering, vandalism or damage to the exhaust stack (view from 1st, 2nd floors, and exterior)? **No**

Were all cleanout/sampling port caps securely attached prior to system testing? **Yes**

If no, list location and contact Project Manager/Project Director.

Is the concrete floor slab overlying all of the SSDS pits and piping runs intact? **Yes**

If no, list location and contact Project Manager/Project Director.

SSDS and SVE Operations

VFD Setting: **35 Hz**

System Temperatures [1]

T-101; Pre-Blower Temperature (°F): **71°F**	T-102; Post-Blower Temperature(°F): **82°F**	TSH-102 (on screen) ;Enclosure Temperature (°F): **<104°F**
Condensate in Header (inches): **ND**	Condensate in 55-gallon drum (gallons): **ND**[2]	Transfer Pump Working? **Yes**
VI-110; Pre-Filter Pressure (inches H2O): **18"** VI-101; Post-Filter Pressure (inches H2O): **17.499"**	Vaccum Loss Across Blower (inches H_2O): **0.501"** Notable Change since last inspection?: **No (0.036")**	Basement fan working? **Yes**

Notes:

1. Normal system temperatures are <125°F for post-blower vapor and <104°F for internal temperature blower enclosure.

2. One 55-gallon drum used for purged groundwater is staged securely in the basement. All water in drum came from groundwater purging.

3. Gauge for Pre-Blower subject to slight deviations for vaccum reading.

PID - Photoionization Detector ppm - parts per million

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

SSDS and SVE Operations

Sample Identification	Sample Location	Pressure Reading [3] in. H_2O	Magnehelic Gauge [4] in. H_2O	Air Flow Reading [4] cfm	PID Reading [5] ppm	Butterfly Valve Position from Closed
SSDS-8	Basement Manifold [1]	-1.238	0.030	40	1.6	2
SSDS-6	Basement Manifold [1]	-1.915	0.080	65	2.2	2
SSDS-5	Basement Manifold [1]	-1.372	0.028	39	2.2	2
SSDS-4	Basement Manifold [1]	-1.769	0.020	32	2.0	2-3
SSDS-3	Basement Manifold [1]	-2.185	0.055	54	1.4	2-3
SSDS-2	Basement Manifold [1]	-2.081	0.033	42	0.8	2
SSDS-1	Basement Manifold [1]	-1.688	0.043	48	0.9	2
SVE-1	Basement Manifold [1]	-14.949	0.005	16	2.3	8
SSDS-7	Basement Manifold [1]	-2.694	0.005	16	0.5	2
Ambient Air in Basement	Basement	NA	NA	NA	0.0	NA
Pre-Blower (Combined)	Basement	-18.00	NA	NA	0.2	NA
Post-Blower (Stack) (Combined)	Basement	0.131	NA	NA	0.4	NA
MP-1	First Floor [2]	-1.185	NA	NA	0.0	NA
MP-2	First Floor [2]	-0.172	NA	NA	0.0	NA
MP-3	First Floor [2]	-0.028	NA	NA	0.0	NA
MP-4	First Floor [2]	-0.018	NA	NA	0.0	NA

Comments:

Notes:

1. System vacuum points located on the basement manifold are listed in as-built order from south to north, (viewed left to right when facing western basement wall.)

2. Monitoring point locations (see Figure 19 of the Site Management Plan):

MP-1: North central portion of first floor

MP-2: Southeastern portion of first floor; adjacent to entrance stairway

MP-3: Western portion of first floor

MP-4: South central portion of first floor

3. Under current VFD setting (35 Hz), anticipated system vacuums range between +/- 1.0 in. H_2O at sample locations SSDS-1 through SSDS-7, +/- 1.0 in H_2O at sample location SSDS-8, and +/- 10-15 in. H_2O at SVE-1. A minimum of -0.004 in. H_2O at monitoring points MP-1 through MP-4 . If observations are confirmed to be outside of this range, inform emergency contacts and prepare corrective action plan.

4. Air Flow Rate Calculation used to determine air flow in CFM based on gauge reading. During operations of the VFD at 35 Hz, normal system flow rates range between approximately 30 and 100 cfm sample locations SSDS-1 through SSDS-6 and SSDS-8 and between approximately 10 to 30 cfm for SVE-1 and SSDS-7 during system operation without carbon units attached. Both carbon units were removed from system in Q12016. If observations are confirmed to be outside of this range, inform emergency contacts immediately.

5. Air sampling pump and tedlar bags required to collect vapor samples.

NS - Not sampled

in. H2O - inches of water

cfm - cubic feet per minute

PID - Photoionization Detector

ppm - parts per million

GAC - granular activated carbon

NA - not applicable

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

System Vapor Samples:

Sample Location	Sample ID	Sample Date	Start Time	End Time	Notes
SSDS-8	NS	N/A	N/A	N/A	
SSDS-6	NS	N/A	N/A	N/A	
SSDS-5	NS	N/A	N/A	N/A	
SSDS-4	NS	N/A	N/A	N/A	
SSDS-3	NS	N/A	N/A	N/A	
SSDS-2	NS	N/A	N/A	N/A	
SSDS-1	NS	N/A	N/A	N/A	
SVE-1	NS	N/A	N/A	N/A	
SSDS-7	NS	N/A	N/A	N/A	
Total Influent	NS	N/A	N/A	N/A	
Duplicate	NS	N/A	N/A	N/A	
Total Effluent (Stack)	NS	N/A	N/A	N/A	

Notes: No samples collected during 08/27/2024 inspection.

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office) 917-991-4030 (cell)
Dustin Kapson	AKRF Project Manager	646-388-9767 (office) 646-823-5144 (cell)
James Rinzler	Owner's Representative	212-685-6500 (office)

L.A.B. Validation Corp. 14 West Point Drive, East Northport, N.Y. 11731

DATA USABILITY SUMMARY REPORT (DUSR)

ORGANIC ANALYSIS

EPA Compendium Method TO-15
VOLATILES BY GC/MS
For Soil Vapor Air Samples
Collected February 18, 2025
From 3200 Jerome Avenue
Bronx, New York
AKRF, Inc.
Project No: 11455

SAMPLE DELIVERY GROUP NUMBER:
L2508885
Alpha/Pace Analytical (ELAP #11148)

SUBMITTED TO:

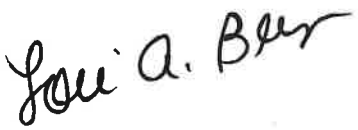
Mark Jepsen/AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Brian Quinn/AKRF, Inc.

March 24, 2025

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



Phone (516) 523-7891 email LABValidation@aol.com

3200 Jerome Avenue; Bronx, New York; February 2025
Data Validation Report: Volatile Organics by EPA Method TO15

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

1.0 Volatile Organics by GC/MS EPA Compendium Method TO-15
- 1.1 Holding Time
- 1.2 Surrogate Standards
- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD), Laboratory Duplicate, Field Duplicate Analysis
- 1.4 Laboratory Control Sample
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Target Compound List Identification
- 1.10 Tentatively Identified Compounds
- 1.11 Compound Quantification and Reported Detection Limits
- 1.12 Overall System Performance

APPENDICES:
A. Chain of Custody Document and Sample Receipt Checklist
B. Case Narrative
C. Data Summary Form Is with Qualifications

Introduction:

A validation was performed on soil vapor air samples for Volatile Organic analysis collected by AKRF, Inc. and submitted to Alpha/Pace Analytical for subsequent analysis under chain of custody documentation. This report contains the laboratory and validation results for the field samples itemized below. The samples were collected on February 18, 2025.

The samples were analyzed by EPA Method TO-15 and in accordance with NYSDEC Analytical Services Protocol (2005) and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodology employed. The analytical testing consisted of the TO-15 Compound List.

The data was evaluated in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (Publication 9240.1-05), EPA SOP #HW31 (Revision 6-Updated September 2016) and in conjunction with the analytical methodology for which the samples were analyzed, where applicable and relevant.

The data validation report pertains to the following air samples:

Sample Identification	Laboratory Identification	Sample Matrix (Air Type)	Collection Date
NL-IV-TOTAL_20250218	L2508885-01	Soil Vapor	02/18/2025
NL-IV-SVE-1_20250218	L2508885-02	Soil Vapor	02/18/2025
NL-IV-7_20250218	L2508885-03	Soil Vapor	02/18/2025
NL-EV-POST_20250218	L2508885-04	Soil Vapor	02/18/2025
NL-IV-DUP_20250218 [Field Duplicate of NL-IV-7_20250218]	L2508885-05	Soil Vapor	02/18/2025

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ - The result is an estimated quantity, but the result may be biased high.(Equis qualified JK)

J- - The result is an estimated quantity, but the result may be biased low. (Equis qualified, JL)

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

UJ - The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

D - Analyte concentration was obtained from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the air samples were received following completion of the sampling event via laboratory courier on February 18, 2025. Sample login notes and the chain of custody indicate that at the Validated Time of Sample Receipt (VTSR) at the laboratory no discrepancies were notated and therefore the integrity of the Tedlar bag samples is assumed to be good.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above and summarizes the detailed narrative section of the report. Data validation qualifications have been reported on Form I's for ease of review and verification.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by EPA Compendium Method TO-15
The following method criteria were reviewed: holding times, surrogate standards, LCS, Blanks, Laboratory Duplicate, Tunes, Calibrations, Internal Standards, Target Component Identification and Quantitation, Reported Quantitation Limits and Overall System Performance. The volatile results are valid and useable as noted on the data summary table in Appendix C and within the following text:

1.1 Holding Time
The amount of analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Tedlar samples have a 72-hour holding time from collection. Upon receipt it was anticipated that the laboratory holding time could be exceeded and therefore air samples were transferred to a canister upon receipt to extend the holding time to 30 days. Summa canisters were pressurized with UHP Nitrogen. Although, not documented in the analytical method analysis is considered acceptable. Analysis was performed within the method and technical holding times for summa canisters (30 days from collection). No qualifications were required based upon holding time criteria.

1.2 Surrogate Standards
All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specifications, qualifications are required to be applied to associated samples and analytes.

Samples were not spiked with surrogate standards. Method TO15 does not mandate the addition of surrogate standards.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)/Laboratory Duplicate /Field Duplicate Analysis

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

Matrix Spike/Matrix Spike Duplicate/Laboratory Duplicate analysis was not performed on samples pertaining to this SDG. Batch Laboratory duplicate was provided in the lab report. Data was not qualified based on samples collected from a different site.

Field Duplicate analysis was performed on NL-IV-7_20250218 as NL-IV-DUP_20250218. Acceptable precision for air samples is 25%. The following criteria are utilized for Field/Lab Duplicate analysis:

Criteria	Detected Compounds	Non-Detected Compounds
The RPD is within the limits of 0 and 25%	No qualification	No qualification
The RPD >25%	J in the parent and duplicate samples	Not applicable
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was </=2x the reporting limit	No qualification	No qualification
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample. However, the detected concentration was >2x the reporting limit.	J in the parent and duplicate sample	UJ in the parent of duplicate sample

Results are summarized below in ug/m3 for positive detections:

Analyte	NL-IV-7_20250218	NL-IV_DUP_20250218
Dichlorodifluoromethane	2.19	2.63
Chloromethane	1.02	0.880 U
Ethanol	*32.4*	*22.0*
Acetone	*17.7*	*10.1*
Isopropanol	*71.0*	*9.05*
cis-1,2-Dichloroethene	3.16	4.60
n-Hexane	2.38	1.50 U
Benzene	1.37 U	1.93
Cyclohexane	2.21	2.11
Trichloroethene	*106*	*175*
Heptane	*4.92*	*1.75 U*
Toluene	4.41	3.73
Tetrachloroethene	2.91 U	2.92
m+p-Xylene	4.27	4.14
o-Xylene	2.95	2.19
1,3,5-Trimethylbenzene	*2.11 U*	*4.82*
1,2,4-Trimethylbenzene	2.42	2.09 U

Ethanol, Acetone, Isopropanol concentrations were higher (>25%) in the parent sample. Trichloroethene concentration was higher(>25%) in the field duplicate. Both the parent and field duplicate concentrations must be considered estimated, "J" for these compounds. It is recommended that the end user make decisions based on the higher values for these compounds. No additional qualifiers were applied.

1.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. The following table summarizes the LCS criteria and the data qualification guidelines for all associated field samples.

LCS	NOT QUALIFIED	J	R
% Recovery:			
Detects	70-130%	<70%, >130%	
Non-Detects	>/=130%	50-69%	<50%
Absolute RT of LCS Compounds:			
LCS Compounds in samples RT: (min)	+/-0 .33		>/=0.33

Acceptable LCS was analyzed with the analytical batch. Recovery values for all spiked compounds were determined to be >70%-<130% except for Dibromochloromethane (134 %), and Bromoform (139%), which recovered above limits. These target compounds were not detected in field samples. Elevated recovery does not support any potential loss of detection and/or result bias. Data was not qualified.

1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Storage blanks measure cross-contamination during sample storage of the field samples and are not required for TO15 analysis. Canister blanks measure cross-contamination from the sampling media. The following table was utilized to qualify target analyte results due to method blank contamination. The largest value of all the associated blanks is required to be utilized. The largest value of all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range.

Certification Blanks:

*Note: Certification blanks are not applicable for Tedlar Bag samples.

Certification Contamination	Sample Result	Action for Sample
>/=detect limit	>5x certification contamination	No qualification required
>/=detect limit	<detect limit	Detection limit "U"
>/=detect limit	>/=detect limit and </= 5x certification contamination level	5x certification contamination "U"
<detect limit	</=detection limit and >/= detection limit	No qualification

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**
Method blanks were determined to be free of any contamination.

Acetone is a common laboratory contaminant. The end user should proceed with caution when making decisions based on these detections in field samples since Acetone is a solvent utilized in the organic extraction laboratory and could not be negated due to lack of presence in the corresponding blank.

B) **Field Blank Contamination:**
Field Blank analysis was not required.

C) **Trip Blank Contamination:**
Trip Blank analysis was not required.

1.6 GC/MS Instrument Performance Check
GC/MS tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (24 hours) for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks support that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detects for that compound in the corresponding samples will be rejected, "R."

The following compounds can be >0.01 without qualification:
2-Butanone
Carbon Disulfide
Chloroethane
Chloromethane
1,2-Dibromoethane
1,2-Dichloropropane
1,4-Dioxane
1,2-Dibromo-3-chloropropane
Methylene Chloride

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) [or >/=0.01 for the 9 compounds above] and remaining analytes, for the initial and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <30% and %D must be <30%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria (>90%), non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 30% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Acceptable ICV was analyzed.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (30%) and (40%) for poor responders for target compounds. Initial calibration verification (ICV); second source standard also met QC requirements except for Benzyl Chloride (33.20%). Non-detects in all samples have been qualified, "UJ."

Continuing Calibrations: The continuing calibrations provided and the %D were within acceptable limits (30%) and (40%) for poor responders for all reported compounds except for Dibromochloromethane (33.5%), and Bromoform (39.1%). Non-detects in all samples have been qualified, "UJ."

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-40% to +40%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-20 seconds from the associated continuing calibration standard. If the area count is outside the (-40% to +40%) range of the associated standard, all positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 20 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Internal Standard area responses met QC requirements for all analysis pertaining to this data set as compared to the continuing calibration.

1.9 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.

1.10 Tentatively Identified Compounds (TICs)

TICs were not required for this project. When submitted, the identification must be considered tentative (both quantitative and qualitative) due to the lack of required compound specific response factors. Consequently, all concentrations should be considered estimated, "J" and because of the qualitative uncertainty should be qualified, "N" where an identification has been made.

TICs were not required with this data set. The sample chromatograms demonstrate late eluting non-target presence.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards and response factors and air volumes were used to calculate final concentrations.

Sample results have been presented in ug/m3 as well as ppbv on the laboratory reporting forms. Soil Vapor samples were analyzed at reduced volumes as notated on the reporting forms. Reporting limits have been adjusted accordingly. There is potential that lower-level detections were lost in dilutions.

1.12 Overall System Performance

GC/MS analytical methodology was acceptable for this analysis. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

Reviewer's Signature Lori A. Bay **Date** 03/24/2025

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd. Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/19/25

ALPHA Job #: L2508885

Client Information

Client: AKRF, Inc
Address: 440 Park Ave S
FL 7, NY NY 10016
Phone: 617-560-5425
Fax:
Email: mjepsen@akrf.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3700 Jerome Ave
Project Location: 3700 Jerome Ave, Bronx
Project #: 11455
Project Manager: Mark Jepsen
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EQUIS
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO # 11455

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: close SDG, Cat B deliverables

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID - Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
08885-01	NL-IV-Total_20250218	02/18/25	1307	1317			SV	BQ	1L			X					
02	NL-SVE-1_20250218		1320	1330								X					
03	NL-IV-7_20250218		1332	1342								X					
04	NL-EV-Post_20250218		1345	1355								X					
05	NL-IV-DUP_20250218		1358	1408								X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
[illegible]	02/18/25	[illegible] EPACE	2-18-25 1450
[illegible]	2/18/25 19:30	Anthony Green	FEB 18 2025 2050
Anthony Green	2/18/25 2345	[illegible]	2/19/25 2345
	2/19/25 0330	[illegible]	2/19/25 0330

FORM NO: 01-01 (rev. 1-Sep-15)

Sample Delivery Group Summary

Pace Job Number : L2508885

Account Name : AKRF, Inc.
Project Number : 11455
Project Name : 3200 JEROME AVE

Received : 18-FEB-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	YES

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NA

Appendix B
Case Narrative

Project Name:	3200 JEROME AVE	**Lab Number:**	L2508885
Project Number:	11455	**Report Date:**	03/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 03/04/25

Title: Technical Director/Representative

Pace

Appendix C
Data Summary Form I's
With Qualifications

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-01D	Date Collected	: 02/18/25 13:17
Client ID	: NL-IV-TOTAL_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 00:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.619
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747405	Instrument ID	: AIRLAB17
Sample Amount	: 95.4 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.684	0.524	--	3.38	2.59	--	
74-87-3	Chloromethane	0.550	0.524	--	1.14	1.08	--	
76-14-2	Freon-114	ND	0.524	--	ND	3.66	--	U
75-01-4	Vinyl chloride	ND	0.524	--	ND	1.34	--	U
106-99-0	1,3-Butadiene	ND	0.524	--	ND	1.16	--	U
74-83-9	Bromomethane	ND	0.524	--	ND	2.03	--	U
75-00-3	Chloroethane	ND	0.524	--	ND	1.38	--	U
64-17-5	Ethanol	29.8	13.1	--	56.2	24.7	--	
593-60-2	Vinyl bromide	ND	0.524	--	ND	2.29	--	U
67-64-1	Acetone	9.93	2.62	--	23.6	6.22	--	
75-69-4	Trichlorofluoromethane	ND	0.524	--	ND	2.94	--	U
67-63-0	Isopropanol	24.3	2.62	--	59.7	6.44	--	
75-35-4	1,1-Dichloroethene	ND	0.524	--	ND	2.08	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.31	--	ND	3.97	--	U
75-09-2	Methylene chloride	ND	1.31	--	ND	4.55	--	U
107-05-1	3-Chloropropene	ND	0.524	--	ND	1.64	--	U
75-15-0	Carbon disulfide	ND	0.524	--	ND	1.63	--	U
76-13-1	Freon-113	ND	0.524	--	ND	4.02	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.524	--	ND	2.08	--	U
75-34-3	1,1-Dichloroethane	ND	0.524	--	ND	2.12	--	U
1634-04-4	Methyl tert butyl ether	ND	0.524	--	ND	1.89	--	U
78-93-3	2-Butanone	ND	1.31	--	ND	3.86	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.524	--	ND	2.08	--	U
141-78-6	Ethyl Acetate	ND	1.31	--	ND	4.72	--	U
67-66-3	Chloroform	ND	0.524	--	ND	2.56	--	U
109-99-9	Tetrahydrofuran	ND	1.31	--	ND	3.86	--	U

Pace

3/22/2025

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-01D	Date Collected	: 02/18/25 13:17
Client ID	: NL-IV-TOTAL_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 00:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.619
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747405	Instrument ID	: AIRLAB17
Sample Amount	: 95.4 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.524	--	ND	2.12	--	U
110-54-3	n-Hexane	0.720	0.524	--	2.54	1.85	--	
71-55-6	1,1,1-Trichloroethane	ND	0.524	--	ND	2.86	--	U
71-43-2	Benzene	ND	0.524	--	ND	1.67	--	U
56-23-5	Carbon tetrachloride	ND	0.524	--	ND	3.30	--	U
110-82-7	Cyclohexane	ND	0.524	--	ND	1.80	--	U
78-87-5	1,2-Dichloropropane	ND	0.524	--	ND	2.42	--	U
75-27-4	Bromodichloromethane	ND	0.524	--	ND	3.51	--	U
123-91-1	1,4-Dioxane	ND	0.524	--	ND	1.89	--	U
79-01-6	Trichloroethene	6.20	0.524	--	33.3	2.82	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.524	--	ND	2.45	--	U
142-82-5	Heptane	ND	0.524	--	ND	2.15	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.524	--	ND	2.38	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.31	--	ND	5.37	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.524	--	ND	2.38	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.524	--	ND	2.86	--	U
108-88-3	Toluene	0.966	0.524	--	3.64	1.97	--	
591-78-6	2-Hexanone	ND	0.524	--	ND	2.15	--	U
124-48-1	Dibromochloromethane	ND	0.524	--	ND	4.46	--	# UJ
106-93-4	1,2-Dibromoethane	ND	0.524	--	ND	4.03	--	U
127-18-4	Tetrachloroethene	ND	0.524	--	ND	3.55	--	U
108-90-7	Chlorobenzene	ND	0.524	--	ND	2.41	--	U
100-41-4	Ethylbenzene	0.566	0.524	--	2.46	2.28	--	
179601-23-1	p/m-Xylene	3.37	1.05	--	14.6	4.56	--	
75-25-2	Bromoform	ND	0.524	--	ND	5.42	--	# UJ
100-42-5	Styrene	ND	0.524	--	ND	2.23	--	U

3/12/2025

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-01D	Date Collected	: 02/18/25 13:17
Client ID	: NL-IV-TOTAL_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 00:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.619
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747405	Instrument ID	: AIRLAB17
Sample Amount	: 95.4 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.524	--	ND	3.60	--	U
95-47-6	o-Xylene	0.982	0.524	--	4.27	2.28	--	
622-96-8	4-Ethyltoluene	ND	0.524	--	ND	2.58	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.524	--	ND	2.58	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.524	--	ND	2.58	--	U
100-44-7	Benzyl chloride	ND	0.524	--	ND	2.71	--	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	0.524	--	ND	3.15	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.524	--	ND	3.15	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.524	--	ND	3.15	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.524	--	ND	3.89	--	U
87-68-3	Hexachlorobutadiene	ND	0.524	--	ND	5.59	--	U

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Pace

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-02D	Date Collected	: 02/18/25 13:30
Client ID	: NL-SVE-1_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 01:31
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 6.974
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747406	Instrument ID	: AIRLAB17
Sample Amount	: 35.9 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	1.39	--	ND	6.87	--	U
74-87-3	Chloromethane	ND	1.39	--	ND	2.87	--	U
76-14-2	Freon-114	ND	1.39	--	ND	9.72	--	U
75-01-4	Vinyl chloride	ND	1.39	--	ND	3.55	--	U
106-99-0	1,3-Butadiene	ND	1.39	--	ND	3.08	--	U
74-83-9	Bromomethane	ND	1.39	--	ND	5.40	--	U
75-00-3	Chloroethane	ND	1.39	--	ND	3.67	--	U
64-17-5	Ethanol	ND	34.9	--	ND	65.8	--	U
593-60-2	Vinyl bromide	ND	1.39	--	ND	6.08	--	U
67-64-1	Acetone	10.6	6.97	--	25.2	16.6	--	
75-69-4	Trichlorofluoromethane	ND	1.39	--	ND	7.81	--	U
67-63-0	Isopropanol	7.71	6.97	--	19.0	17.1	--	
75-35-4	1,1-Dichloroethene	ND	1.39	--	ND	5.51	--	U
75-65-0	Tertiary butyl Alcohol	ND	3.49	--	ND	10.6	--	U
75-09-2	Methylene chloride	ND	3.49	--	ND	12.1	--	U
107-05-1	3-Chloropropene	ND	1.39	--	ND	4.35	--	U
75-15-0	Carbon disulfide	ND	1.39	--	ND	4.33	--	U
76-13-1	Freon-113	ND	1.39	--	ND	10.7	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.39	--	ND	5.51	--	U
75-34-3	1,1-Dichloroethane	ND	1.39	--	ND	5.63	--	U
1634-04-4	Methyl tert butyl ether	ND	1.39	--	ND	5.01	--	U
78-93-3	2-Butanone	ND	3.49	--	ND	10.3	--	U
156-59-2	cis-1,2-Dichloroethene	58.9	1.39	--	234	5.51	--	
141-78-6	Ethyl Acetate	ND	3.49	--	ND	12.6	--	U
67-66-3	Chloroform	3.08	1.39	--	15.0	6.79	--	
109-99-9	Tetrahydrofuran	ND	3.49	--	ND	10.3	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-02D	Date Collected	: 02/18/25 13:30
Client ID	: NL-SVE-1_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 01:31
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 6.974
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747406	Instrument ID	: AIRLAB17
Sample Amount	: 35.9 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	1.39	--	ND	5.63	--	U
110-54-3	n-Hexane	2.32	1.39	--	8.18	4.90	--	
71-55-6	1,1,1-Trichloroethane	ND	1.39	--	ND	7.58	--	U
71-43-2	Benzene	ND	1.39	--	ND	4.44	--	U
56-23-5	Carbon tetrachloride	ND	1.39	--	ND	8.74	--	U
110-82-7	Cyclohexane	30.3	1.39	--	104	4.78	--	
78-87-5	1,2-Dichloropropane	ND	1.39	--	ND	6.42	--	U
75-27-4	Bromodichloromethane	ND	1.39	--	ND	9.31	--	U
123-91-1	1,4-Dioxane	ND	1.39	--	ND	5.01	--	U
79-01-6	Trichloroethene	553	1.39	--	2970	7.47	--	
540-84-1	2,2,4-Trimethylpentane	ND	1.39	--	ND	6.49	--	U
142-82-5	Heptane	1.55	1.39	--	6.35	5.70	--	
10061-01-5	cis-1,3-Dichloropropene	ND	1.39	--	ND	6.31	--	U
108-10-1	4-Methyl-2-pentanone	ND	3.49	--	ND	14.3	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.39	--	ND	6.31	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.39	--	ND	7.58	--	U
108-88-3	Toluene	ND	1.39	--	ND	5.24	--	U
591-78-6	2-Hexanone	ND	1.39	--	ND	5.70	--	U
124-48-1	Dibromochloromethane	ND	1.39	--	ND	11.8	--	U J
106-93-4	1,2-Dibromoethane	ND	1.39	--	ND	10.7	--	U
127-18-4	Tetrachloroethene	2.11	1.39	--	14.3	9.43	--	
108-90-7	Chlorobenzene	ND	1.39	--	ND	6.40	--	U
100-41-4	Ethylbenzene	ND	1.39	--	ND	6.04	--	U
179601-23-1	p/m-Xylene	ND	2.79	--	ND	12.1	--	U
75-25-2	Bromoform	ND	1.39	--	ND	14.4	--	U J
100-42-5	Styrene	ND	1.39	--	ND	5.92	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-02D	Date Collected	: 02/18/25 13:30
Client ID	: NL-SVE-1_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 01:31
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 6.974
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747406	Instrument ID	: AIRLAB17
Sample Amount	: 35.9 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.39	--	ND	9.55	--	U
95-47-6	o-Xylene	ND	1.39	--	ND	6.04	--	U
622-96-8	4-Ethyltoluene	ND	1.39	--	ND	6.83	--	U
108-67-8	1,3,5-Trimethylbenzene	3.38	1.39	--	16.6	6.83	--	
95-63-6	1,2,4-Trimethylbenzene	ND	1.39	--	ND	6.83	--	U
100-44-7	Benzyl chloride	ND	1.39	--	ND	7.20	--	UJ
541-73-1	1,3-Dichlorobenzene	ND	1.39	--	ND	8.36	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.39	--	ND	8.36	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.39	--	ND	8.36	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.39	--	ND	10.3	--	U
87-68-3	Hexachlorobutadiene	ND	1.39	--	ND	14.8	--	U

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Pace

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-03D	Date Collected	: 02/18/25 13:42
Client ID	: NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.145
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747407	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.442	0.429	--	2.19	2.12	--	
74-87-3	Chloromethane	0.493	0.429	--	1.02	0.886	--	
76-14-2	Freon-114	ND	0.429	--	ND	3.00	--	U
75-01-4	Vinyl chloride	ND	0.429	--	ND	1.10	--	U
106-99-0	1,3-Butadiene	ND	0.429	--	ND	0.949	--	U
74-83-9	Bromomethane	ND	0.429	--	ND	1.67	--	U
75-00-3	Chloroethane	ND	0.429	--	ND	1.13	--	U
64-17-5	Ethanol	17.2	10.7	--	32.4	20.2	--	J
593-60-2	Vinyl bromide	ND	0.429	--	ND	1.88	--	U
67-64-1	Acetone	7.45	2.14	--	17.7	5.08	--	J
75-69-4	Trichlorofluoromethane	ND	0.429	--	ND	2.41	--	U
67-63-0	Isopropanol	28.9	2.14	--	71.0	5.26	--	J
75-35-4	1,1-Dichloroethene	ND	0.429	--	ND	1.70	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.07	--	ND	3.24	--	U
75-09-2	Methylene chloride	ND	1.07	--	ND	3.72	--	U
107-05-1	3-Chloropropene	ND	0.429	--	ND	1.34	--	U
75-15-0	Carbon disulfide	ND	0.429	--	ND	1.34	--	U
76-13-1	Freon-113	ND	0.429	--	ND	3.29	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.429	--	ND	1.70	--	U
75-34-3	1,1-Dichloroethane	ND	0.429	--	ND	1.74	--	U
1634-04-4	Methyl tert butyl ether	ND	0.429	--	ND	1.55	--	U
78-93-3	2-Butanone	ND	1.07	--	ND	3.16	--	U
156-59-2	cis-1,2-Dichloroethene	0.796	0.429	--	3.16	1.70	--	
141-78-6	Ethyl Acetate	ND	1.07	--	ND	3.86	--	U
67-66-3	Chloroform	ND	0.429	--	ND	2.09	--	U
109-99-9	Tetrahydrofuran	ND	1.07	--	ND	3.16	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-03D	Date Collected	: 02/18/25 13:42
Client ID	: NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.145
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747407	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.429	--	ND	1.74	--	U
110-54-3	n-Hexane	0.676	0.429	--	2.38	1.51	--	
71-55-6	1,1,1-Trichloroethane	ND	0.429	--	ND	2.34	--	U
71-43-2	Benzene	ND	0.429	--	ND	1.37	--	U
56-23-5	Carbon tetrachloride	ND	0.429	--	ND	2.70	--	U
110-82-7	Cyclohexane	0.641	0.429	--	2.21	1.48	--	
78-87-5	1,2-Dichloropropane	ND	0.429	--	ND	1.98	--	U
75-27-4	Bromodichloromethane	ND	0.429	--	ND	2.87	--	U
123-91-1	1,4-Dioxane	ND	0.429	--	ND	1.55	--	U
79-01-6	Trichloroethene	19.8	0.429	--	106	2.31	--	J
540-84-1	2,2,4-Trimethylpentane	ND	0.429	--	ND	2.00	--	U
142-82-5	Heptane	1.20	0.429	--	4.92	1.76	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.429	--	ND	1.95	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.07	--	ND	4.39	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.429	--	ND	1.95	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.429	--	ND	2.34	--	U
108-88-3	Toluene	1.17	0.429	--	4.41	1.62	--	
591-78-6	2-Hexanone	ND	0.429	--	ND	1.76	--	U
124-48-1	Dibromochloromethane	ND	0.429	--	ND	3.65	--	U UJ
106-93-4	1,2-Dibromoethane	ND	0.429	--	ND	3.30	--	U
127-18-4	Tetrachloroethene	ND	0.429	--	ND	2.91	--	U
108-90-7	Chlorobenzene	ND	0.429	--	ND	1.98	--	U
100-41-4	Ethylbenzene	ND	0.429	--	ND	1.86	--	U
179601-23-1	p/m-Xylene	0.984	0.858	--	4.27	3.73	--	
75-25-2	Bromoform	ND	0.429	--	ND	4.44	--	U UJ
100-42-5	Styrene	ND	0.429	--	ND	1.83	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-03D	Date Collected	: 02/18/25 13:42
Client ID	: NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.145
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747407	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.429	--	ND	2.95	--	U
95-47-6	o-Xylene	0.680	0.429	--	2.95	1.86	--	
622-96-8	4-Ethyltoluene	ND	0.429	--	ND	2.11	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.429	--	ND	2.11	--	U
95-63-6	1,2,4-Trimethylbenzene	0.493	0.429	--	2.42	2.11	--	
100-44-7	Benzyl chloride	ND	0.429	--	ND	2.22	--	U J
541-73-1	1,3-Dichlorobenzene	ND	0.429	--	ND	2.58	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.429	--	ND	2.58	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.429	--	ND	2.58	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.429	--	ND	3.18	--	U
87-68-3	Hexachlorobutadiene	ND	0.429	--	ND	4.58	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-04D	Date Collected	: 02/18/25 13:55
Client ID	: NL-EV-POST_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.98
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747408	Instrument ID	: AIRLAB17
Sample Amount	: 126 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.725	0.396	--	3.58	1.96	--	
74-87-3	Chloromethane	ND	0.396	--	ND	0.818	--	U
76-14-2	Freon-114	ND	0.396	--	ND	2.77	--	U
75-01-4	Vinyl chloride	ND	0.396	--	ND	1.01	--	U
106-99-0	1,3-Butadiene	ND	0.396	--	ND	0.876	--	U
74-83-9	Bromomethane	ND	0.396	--	ND	1.54	--	U
75-00-3	Chloroethane	ND	0.396	--	ND	1.04	--	U
64-17-5	Ethanol	37.0	9.90	--	69.7	18.7	--	
593-60-2	Vinyl bromide	ND	0.396	--	ND	1.73	--	U
67-64-1	Acetone	10.0	1.98	--	23.8	4.70	--	
75-69-4	Trichlorofluoromethane	ND	0.396	--	ND	2.23	--	U
67-63-0	Isopropanol	7.04	1.98	--	17.3	4.87	--	
75-35-4	1,1-Dichloroethene	ND	0.396	--	ND	1.57	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.990	--	ND	3.00	--	U
75-09-2	Methylene chloride	ND	0.990	--	ND	3.44	--	U
107-05-1	3-Chloropropene	ND	0.396	--	ND	1.24	--	U
75-15-0	Carbon disulfide	ND	0.396	--	ND	1.23	--	U
76-13-1	Freon-113	ND	0.396	--	ND	3.04	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.396	--	ND	1.57	--	U
75-34-3	1,1-Dichloroethane	ND	0.396	--	ND	1.60	--	U
1634-04-4	Methyl tert butyl ether	ND	0.396	--	ND	1.43	--	U
78-93-3	2-Butanone	ND	0.990	--	ND	2.92	--	U
156-59-2	cis-1,2-Dichloroethene	0.475	0.396	--	1.88	1.57	--	
141-78-6	Ethyl Acetate	ND	0.990	--	ND	3.57	--	U
67-66-3	Chloroform	0.414	0.396	--	2.02	1.93	--	
109-99-9	Tetrahydrofuran	ND	0.990	--	ND	2.92	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-04D	Date Collected	: 02/18/25 13:55
Client ID	: NL-EV-POST_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.98
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747408	Instrument ID	: AIRLAB17
Sample Amount	: 126 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.396	--	ND	1.60	--	U
110-54-3	n-Hexane	0.834	0.396	--	2.94	1.40	--	
71-55-6	1,1,1-Trichloroethane	ND	0.396	--	ND	2.16	--	U
71-43-2	Benzene	0.540	0.396	--	1.73	1.27	--	
56-23-5	Carbon tetrachloride	ND	0.396	--	ND	2.49	--	U
110-82-7	Cyclohexane	ND	0.396	--	ND	1.36	--	U
78-87-5	1,2-Dichloropropane	ND	0.396	--	ND	1.83	--	U
75-27-4	Bromodichloromethane	ND	0.396	--	ND	2.65	--	U
123-91-1	1,4-Dioxane	ND	0.396	--	ND	1.43	--	U
79-01-6	Trichloroethene	10.1	0.396	--	54.3	2.13	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.396	--	ND	1.85	--	U
142-82-5	Heptane	ND	0.396	--	ND	1.62	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.396	--	ND	1.80	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.990	--	ND	4.06	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.396	--	ND	1.80	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.396	--	ND	2.16	--	U
108-88-3	Toluene	0.887	0.396	--	3.34	1.49	--	
591-78-6	2-Hexanone	ND	0.396	--	ND	1.62	--	U
124-48-1	Dibromochloromethane	ND	0.396	--	ND	3.37	--	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	0.396	--	ND	3.04	--	U
127-18-4	Tetrachloroethene	ND	0.396	--	ND	2.69	--	U
108-90-7	Chlorobenzene	ND	0.396	--	ND	1.82	--	U
100-41-4	Ethylbenzene	ND	0.396	--	ND	1.72	--	U
179601-23-1	p/m-Xylene	0.867	0.792	--	3.77	3.44	--	
75-25-2	Bromoform	ND	0.396	--	ND	4.09	--	~~U~~ UJ
100-42-5	Styrene	ND	0.396	--	ND	1.69	--	U

3/24/2025

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-04D	Date Collected	: 02/18/25 13:55
Client ID	: NL-EV-POST_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.98
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747408	Instrument ID	: AIRLAB17
Sample Amount	: 126 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.396	--	ND	2.72	--	U
95-47-6	o-Xylene	0.442	0.396	--	1.92	1.72	--	
622-96-8	4-Ethyltoluene	ND	0.396	--	ND	1.95	--	U
108-67-8	1,3,5-Trimethylbenzene	0.515	0.396	--	2.53	1.95	--	
95-63-6	1,2,4-Trimethylbenzene	ND	0.396	--	ND	1.95	--	U
100-44-7	Benzyl chloride	ND	0.396	--	ND	2.05	--	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	0.396	--	ND	2.38	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.396	--	ND	2.38	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.396	--	ND	2.38	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.396	--	ND	2.94	--	U
87-68-3	Hexachlorobutadiene	ND	0.396	--	ND	4.22	--	U

3/12/2025

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-05D NL-IV-7-20250218	Date Collected	: 02/18/25 14:08
Client ID	: NL-IV-DUP_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 03:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.13
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747409	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.532	0.426	--	2.63	2.11	--	
74-87-3	Chloromethane	ND	0.426	--	ND	0.880	--	U
76-14-2	Freon-114	ND	0.426	--	ND	2.98	--	U
75-01-4	Vinyl chloride	ND	0.426	--	ND	1.09	--	U
106-99-0	1,3-Butadiene	ND	0.426	--	ND	0.942	--	U
74-83-9	Bromomethane	ND	0.426	--	ND	1.65	--	U
75-00-3	Chloroethane	ND	0.426	--	ND	1.12	--	U
64-17-5	Ethanol	11.7	10.6	--	22.0	20.0	--	J
593-60-2	Vinyl bromide	ND	0.426	--	ND	1.86	--	U
67-64-1	Acetone	4.26	2.13	--	10.1	5.06	--	J
75-69-4	Trichlorofluoromethane	ND	0.426	--	ND	2.39	--	U
67-63-0	Isopropanol	3.68	2.13	--	9.05	5.24	--	J
75-35-4	1,1-Dichloroethene	ND	0.426	--	ND	1.69	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.06	--	ND	3.21	--	U
75-09-2	Methylene chloride	ND	1.06	--	ND	3.68	--	U
107-05-1	3-Chloropropene	ND	0.426	--	ND	1.33	--	U
75-15-0	Carbon disulfide	ND	0.426	--	ND	1.33	--	U
76-13-1	Freon-113	ND	0.426	--	ND	3.27	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.426	--	ND	1.69	--	U
75-34-3	1,1-Dichloroethane	ND	0.426	--	ND	1.72	--	U
1634-04-4	Methyl tert butyl ether	ND	0.426	--	ND	1.54	--	U
78-93-3	2-Butanone	ND	1.06	--	ND	3.13	--	U
156-59-2	cis-1,2-Dichloroethene	1.16	0.426	--	4.60	1.69	--	
141-78-6	Ethyl Acetate	ND	1.06	--	ND	3.82	--	U
67-66-3	Chloroform	ND	0.426	--	ND	2.08	--	U
109-99-9	Tetrahydrofuran	ND	1.06	--	ND	3.13	--	U

3/22/2025

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-05D NL-IV-7_20250218	Date Collected	: 02/18/25 14:08
Client ID	: NL-IV-DUP_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 03:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.13
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747409	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.426	--	ND	1.72	--	U
110-54-3	n-Hexane	ND	0.426	--	ND	1.50	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.426	--	ND	2.32	--	U
71-43-2	Benzene	0.605	0.426	--	1.93	1.36	--	
56-23-5	Carbon tetrachloride	ND	0.426	--	ND	2.68	--	U
110-82-7	Cyclohexane	0.613	0.426	--	2.11	1.47	--	
78-87-5	1,2-Dichloropropane	ND	0.426	--	ND	1.97	--	U
75-27-4	Bromodichloromethane	ND	0.426	--	ND	2.85	--	U
123-91-1	1,4-Dioxane	ND	0.426	--	ND	1.54	--	U
79-01-6	Trichloroethene	32.6	0.426	--	175	2.29	--	J
540-84-1	2,2,4-Trimethylpentane	ND	0.426	--	ND	1.99	--	U
142-82-5	Heptane	ND	0.426	--	ND	1.75	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.426	--	ND	1.93	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.06	--	ND	4.34	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.426	--	ND	1.93	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.426	--	ND	2.32	--	U
108-88-3	Toluene	0.990	0.426	--	3.73	1.61	--	
591-78-6	2-Hexanone	ND	0.426	--	ND	1.75	--	U
124-48-1	Dibromochloromethane	ND	0.426	--	ND	3.63	--	* UJ
106-93-4	1,2-Dibromoethane	ND	0.426	--	ND	3.27	--	U
127-18-4	Tetrachloroethene	0.430	0.426	--	2.92	2.89	--	
108-90-7	Chlorobenzene	ND	0.426	--	ND	1.96	--	U
100-41-4	Ethylbenzene	ND	0.426	--	ND	1.85	--	U
179601-23-1	p/m-Xylene	0.954	0.852	--	4.14	3.70	--	
75-25-2	Bromoform	ND	0.426	--	ND	4.40	--	* UJ
100-42-5	Styrene	ND	0.426	--	ND	1.81	--	U

3/22/2025

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-05D	Date Collected	: 02/18/25 14:08
Client ID	: NL-IV-DUP_20250218 NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 03:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.13
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747409	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.426	--	ND	2.93	--	U
95-47-6	o-Xylene	0.505	0.426	--	2.19	1.85	--	
622-96-8	4-Ethyltoluene	ND	0.426	--	ND	2.09	--	U
108-67-8	1,3,5-Trimethylbenzene	0.980	0.426	--	4.82	2.09	--	
95-63-6	1,2,4-Trimethylbenzene	ND	0.426	--	ND	2.09	--	U
100-44-7	Benzyl chloride	ND	0.426	--	ND	2.21	--	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	0.426	--	ND	2.56	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.426	--	ND	2.56	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.426	--	ND	2.56	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.426	--	ND	3.16	--	U
87-68-3	Hexachlorobutadiene	ND	0.426	--	ND	4.54	--	U

3/27/2025

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Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2508885

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Project Name: 3200 JEROME AVE
Project Number: 11455

Lab Number: L2508885
Report Date: 03/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2508885-01	NL-IV-TOTAL_20250218	SOIL_VAPOR	3200 JEROME AVE, BRONX	02/18/25 13:17	02/18/25
L2508885-02	NL-SVE-1_20250218	SOIL_VAPOR	3200 JEROME AVE, BRONX	02/18/25 13:30	02/18/25
L2508885-03	NL-IV-7_20250218	SOIL_VAPOR	3200 JEROME AVE, BRONX	02/18/25 13:42	02/18/25
L2508885-04	NL-EV-POST_20250218	SOIL_VAPOR	3200 JEROME AVE, BRONX	02/18/25 13:55	02/18/25
L2508885-05	NL-IV-DUP_20250218	SOIL_VAPOR	3200 JEROME AVE, BRONX	02/18/25 14:08	02/18/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Report Date: 03/04/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2508885

Account Name : AKRF, Inc.
Project Number : 11455
Project Name : 3200 JEROME AVE

Received : 18-FEB-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 04 2025, 04:41 pm

Login Number: L2508885
Account: AKRF-M-2 AKRF, Inc.Project: 11455
Received: 18FEB25 Due Date: 04MAR25

Sample #	Client ID		Mat	PR	Collected
L2508885-01	NL-IV-TOTAL_20250218		11	S0	18FEB25 13:17
| ASP-B Package Due Date: 03/04/25					
ASP-B,TEDLAR-POLY1,TO15-LL					
L2508885-02	NL-SVE-1_20250218		11	S0	18FEB25 13:30
| Package Due Date: 03/04/25					
TEDLAR-POLY1,TO15-LL					
L2508885-03	NL-IV-7_20250218		11	S0	18FEB25 13:42
| Package Due Date: 03/04/25					
TEDLAR-POLY1,TO15-LL					
L2508885-04	NL-EV-POST_20250218		11	S0	18FEB25 13:55
| Package Due Date: 03/04/25					
TEDLAR-POLY1,TO15-LL					
L2508885-05	NL-IV-DUP_20250218		11	S0	18FEB25 14:08
| Package Due Date: 03/04/25					
TEDLAR-POLY1,TO15-LL					

Logged By: Tyler Hatch

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/19/25

ALPHA Job #: L2508885

Client Information

Client: AKRF, Inc
Address: 440 Park Ave S
7th Fl, NY NY 10016
Phone: 614-560-5425
Fax:
Email: mjepsen@akrf.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3700 Jerome Ave
Project Location: 3700 Jerome Ave, Bronx
Project #: 11455
Project Manager: Mark Jepsen
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EQUIS
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO # 11455

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: close SDG, Cat B deliverables

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID - Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
08885-01	NL-IV-Total_20250218	02/18/25	1307	1317			SV	BQ	1L			X					
02	NL-SVE-1_20250218		1320	1330								X					
03	NL-IV-7_20250218		1332	1342								X					
04	NL-EV-Post_20250218		1345	1355								X					
05	NL-IV-DUP_20250218		1358	1408								X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
EPACE	02/18/25	EPACE	2-18-25 1450
EPACE	2-18-25 19:30	Anthony Green	FEB 18 2025 2050
Anthony Green	2/18/25 2345		2/18/25 2345
	2/19/25 0330		2/19/25 0330

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2036206-3	**Analysis Date** : 03/03/25 11:56	**File ID** : r1747392
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	7.45	74				-	70-130	-
Chloromethane	10	6.96	70				-	70-130	-
Freon-114	10	8.30	83				-	70-130	-
Vinyl chloride	10	7.99	80				-	70-130	-
1,3-Butadiene	10	7.56	76				-	70-130	-
Bromomethane	10	8.24	82				-	70-130	-
Chloroethane	10	8.03	80				-	70-130	-
Ethanol	50	40.9	82				-	40-160	-
Vinyl bromide	10	7.75	78				-	70-130	-
Acetone	50	33.6	67				-	40-160	-
Trichlorofluoromethane	10	10.7	107				-	70-130	-
Isopropanol	25	28.9	116				-	40-160	-
1,1-Dichloroethene	10	12.2	122				-	70-130	-
Tertiary butyl Alcohol	10	10.2	102				-	70-130	-
Methylene chloride	10	10.3	103				-	70-130	-
3-Chloropropene	10	11.9	119				-	70-130	-
Carbon disulfide	10	10.3	103				-	70-130	-
Freon-113	10	11.8	118				-	70-130	-
trans-1,2-Dichloroethene	10	11.7	117				-	70-130	-
1,1-Dichloroethane	10	12.3	123				-	70-130	-
Methyl tert butyl ether	10	9.92	99				-	70-130	-
2-Butanone	10	11.0	110				-	70-130	-
cis-1,2-Dichloroethene	10	12.2	122				-	70-130	-
Ethyl Acetate	10	12.8	128				-	70-130	-
Chloroform	10	11.3	113				-	70-130	-
Tetrahydrofuran	10	10.8	108				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2036206-3	**Analysis Date** : 03/03/25 11:56	**File ID** : r1747392
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	11.6	116				-	70-130	-
n-Hexane	10	11.5	115				-	70-130	-
1,1,1-Trichloroethane	10	11.0	110				-	70-130	-
Benzene	10	10.2	102				-	70-130	-
Carbon tetrachloride	10	12.1	121				-	70-130	-
Cyclohexane	10	10.7	107				-	70-130	-
1,2-Dichloropropane	10	11.9	119				-	70-130	-
Bromodichloromethane	10	11.7	117				-	70-130	-
1,4-Dioxane	10	11.5	115				-	70-130	-
Trichloroethene	10	11.4	114				-	70-130	-
2,2,4-Trimethylpentane	10	11.3	113				-	70-130	-
Heptane	10	11.2	112				-	70-130	-
cis-1,3-Dichloropropene	10	11.0	110				-	70-130	-
4-Methyl-2-pentanone	10	11.1	111				-	70-130	-
trans-1,3-Dichloropropene	10	11.6	116				-	70-130	-
1,1,2-Trichloroethane	10	11.6	116				-	70-130	-
Toluene	10	11.2	112				-	70-130	-
2-Hexanone	10	10.3	103				-	70-130	-
Dibromochloromethane	10	13.4	134 Q				-	70-130	-
1,2-Dibromoethane	10	11.6	116				-	70-130	-
Tetrachloroethene	10	11.1	111				-	70-130	-
Chlorobenzene	10	11.4	114				-	70-130	-
Ethylbenzene	10	11.5	115				-	70-130	-
p/m-Xylene	20	24.0	120				-	70-130	-
Bromoform	10	13.9	139 Q				-	70-130	-
Styrene	10	11.7	117				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: AKRF, Inc.			**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE			**Project Number**	: 11455
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2036206-3	**Analysis Date**	: 03/03/25 11:56	**File ID**	: r1747392
LCSD Sample ID	:	**Analysis Date**	:	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	12.7	127				-	70-130	-
o-Xylene	10	12.2	122				-	70-130	-
4-Ethyltoluene	10	11.9	119				-	70-130	-
1,3,5-Trimethylbenzene	10	12.3	123				-	70-130	-
1,2,4-Trimethylbenzene	10	12.2	122				-	70-130	-
Benzyl chloride	10	11.9	119				-	70-130	-
1,3-Dichlorobenzene	10	12.3	123				-	70-130	-
1,4-Dichlorobenzene	10	12.0	120				-	70-130	-
1,2-Dichlorobenzene	10	11.7	117				-	70-130	-
1,2,4-Trichlorobenzene	10	10.4	104				-	70-130	-
Hexachlorobutadiene	10	10.7	107				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Lab Sample ID	: WG2036206-4	**Lab File ID**	: r1747394
Instrument ID	: AIRLAB17		
Matrix	: AIR	**Analysis Date**	: 03/03/25 14:19

Client Sample No.	Lab Sample ID	Analysis Date
WG2036206-3LCS	WG2036206-3	03/03/25 11:56
NL-IV-TOTAL_20250218	L2508885-01D	03/04/25 00:56
NL-SVE-1_20250218	L2508885-02D	03/04/25 01:31
NL-IV-7_20250218	L2508885-03D	03/04/25 02:09
NL-EV-POST_20250218	L2508885-04D	03/04/25 02:46
NL-IV-DUP_20250218	L2508885-05D	03/04/25 03:24
SVE INFLUENTDUP	WG2036206-5D	03/04/25 09:19

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Instrument ID	: AIRLAB17	**Analysis Date**	: 12/20/24 19:59
Tune Standard	: WG2012830-1	**Tune File ID**	: r1745949_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14.5
75	30.0 - 66.0% of mass 95	35.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (.6)1
174	50.0 - 120.0% of mass 95	63.7
175	4.0 - 9.0% of mass 174	4.5 (7.1)1
176	93.0 - 101% of mass 174	61.7 (96.8)1
177	5.0 - 9.0% of mass 176	4 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R1914763-1	R1745953	12/21/24 03:40
STD0.5	R1914763-2	R1745954	12/21/24 04:18
STD1.0	R1914763-3	R1745955	12/21/24 04:58
STD5.0	R1914763-4	R1745956	12/21/24 05:37
STD010	R1914763-6	R1745957	12/21/24 06:18
STD020	R1914763-5	R1745958	12/21/24 06:54
STD050	R1914763-7	R1745959	12/21/24 07:33
STD100	R1914763-8	R1745960	12/21/24 08:14
ICV QUANT	R1914763-9	R1745963	12/21/24 12:27

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Instrument ID	: AIRLAB17	**Analysis Date**	: 03/03/25 10:35
Tune Standard	: WG2036206-1	**Tune File ID**	: r1747390_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	15.2
75	30.0 - 66.0% of mass 95	37.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.4 (.6)1
174	50.0 - 120.0% of mass 95	64.5
175	4.0 - 9.0% of mass 174	4.5 (6.9)1
176	93.0 - 101% of mass 174	61.5 (95.4)1
177	5.0 - 9.0% of mass 176	4 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2036206-2CCAL	WG2036206-2	R1747392	03/03/25 11:56
WG2036206-3LCS	WG2036206-3	R1747392	03/03/25 11:56
WG2036206-4BLANK	WG2036206-4	R1747394	03/03/25 14:19
NL-IV-TOTAL_20250218	L2508885-01D	R1747405	03/04/25 00:56
NL-SVE-1_20250218	L2508885-02D	R1747406	03/04/25 01:31
NL-IV-7_20250218	L2508885-03D	R1747407	03/04/25 02:09
NL-EV-POST_20250218	L2508885-04D	R1747408	03/04/25 02:46
NL-IV-DUP_20250218	L2508885-05D	R1747409	03/04/25 03:24
WG2036206-5DUP	WG2036206-5D	R1747418	03/04/25 09:19

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Instrument ID	: AIRLAB17	**Analysis Date**	: 03/03/25 11:56:00
Sample No	: WG2036206-2	**Lab File ID**	: R1747392

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2036206-2	252892	8.78	698345	11.00	98126	15.77
Upper Limit	354049	9.11	977683	11.33	137376	16.10
Lower Limit	151735	8.45	419007	10.67	58876	15.44
Sample ID						
WG2036206-3 LCS	252892	8.78	698345	11.00	98126	15.77
WG2036206-4 BLANK	241477	8.78	631248	11.00	95845	15.78
NL-IV-TOTAL_20250218	246597	8.78	668121	10.99	108812	15.77
NL-SVE-1_20250218	252715	8.78	702922	10.99	111597	15.77
NL-IV-7_20250218	250051	8.78	680116	10.99	105715	15.77
NL-EV-POST_20250218	249591	8.78	657931	10.99	107721	15.77
NL-IV-DUP_20250218	248197	8.78	665019	10.99	110151	15.77
SVE INFLUENT DUP	244463	8.78	628226	10.99	105676	15.77

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 01/09/24
Created By: Jason Hebert
File: PM15856-1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory.

Date Created: 01/09/24
Created By: Jason Hebert
File: PM15856-1

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	0.5	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.2	0.078	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
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Date Created: 01/09/24
Created By: Jason Hebert
File: PM15856-1
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of the laboratory.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-01D	Date Collected	: 02/18/25 13:17
Client ID	: NL-IV-TOTAL_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 00:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.619
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747405	Instrument ID	: AIRLAB17
Sample Amount	: 95.4 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.684	0.524	--	3.38	2.59	--	
74-87-3	Chloromethane	0.550	0.524	--	1.14	1.08	--	
76-14-2	Freon-114	ND	0.524	--	ND	3.66	--	U
75-01-4	Vinyl chloride	ND	0.524	--	ND	1.34	--	U
106-99-0	1,3-Butadiene	ND	0.524	--	ND	1.16	--	U
74-83-9	Bromomethane	ND	0.524	--	ND	2.03	--	U
75-00-3	Chloroethane	ND	0.524	--	ND	1.38	--	U
64-17-5	Ethanol	29.8	13.1	--	56.2	24.7	--	
593-60-2	Vinyl bromide	ND	0.524	--	ND	2.29	--	U
67-64-1	Acetone	9.93	2.62	--	23.6	6.22	--	
75-69-4	Trichlorofluoromethane	ND	0.524	--	ND	2.94	--	U
67-63-0	Isopropanol	24.3	2.62	--	59.7	6.44	--	
75-35-4	1,1-Dichloroethene	ND	0.524	--	ND	2.08	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.31	--	ND	3.97	--	U
75-09-2	Methylene chloride	ND	1.31	--	ND	4.55	--	U
107-05-1	3-Chloropropene	ND	0.524	--	ND	1.64	--	U
75-15-0	Carbon disulfide	ND	0.524	--	ND	1.63	--	U
76-13-1	Freon-113	ND	0.524	--	ND	4.02	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.524	--	ND	2.08	--	U
75-34-3	1,1-Dichloroethane	ND	0.524	--	ND	2.12	--	U
1634-04-4	Methyl tert butyl ether	ND	0.524	--	ND	1.89	--	U
78-93-3	2-Butanone	ND	1.31	--	ND	3.86	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.524	--	ND	2.08	--	U
141-78-6	Ethyl Acetate	ND	1.31	--	ND	4.72	--	U
67-66-3	Chloroform	ND	0.524	--	ND	2.56	--	U
109-99-9	Tetrahydrofuran	ND	1.31	--	ND	3.86	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-01D	Date Collected	: 02/18/25 13:17
Client ID	: NL-IV-TOTAL_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 00:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.619
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747405	Instrument ID	: AIRLAB17
Sample Amount	: 95.4 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.524	--	ND	2.12	--	U
110-54-3	n-Hexane	0.720	0.524	--	2.54	1.85	--	
71-55-6	1,1,1-Trichloroethane	ND	0.524	--	ND	2.86	--	U
71-43-2	Benzene	ND	0.524	--	ND	1.67	--	U
56-23-5	Carbon tetrachloride	ND	0.524	--	ND	3.30	--	U
110-82-7	Cyclohexane	ND	0.524	--	ND	1.80	--	U
78-87-5	1,2-Dichloropropane	ND	0.524	--	ND	2.42	--	U
75-27-4	Bromodichloromethane	ND	0.524	--	ND	3.51	--	U
123-91-1	1,4-Dioxane	ND	0.524	--	ND	1.89	--	U
79-01-6	Trichloroethene	6.20	0.524	--	33.3	2.82	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.524	--	ND	2.45	--	U
142-82-5	Heptane	ND	0.524	--	ND	2.15	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.524	--	ND	2.38	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.31	--	ND	5.37	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.524	--	ND	2.38	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.524	--	ND	2.86	--	U
108-88-3	Toluene	0.966	0.524	--	3.64	1.97	--	
591-78-6	2-Hexanone	ND	0.524	--	ND	2.15	--	U
124-48-1	Dibromochloromethane	ND	0.524	--	ND	4.46	--	U
106-93-4	1,2-Dibromoethane	ND	0.524	--	ND	4.03	--	U
127-18-4	Tetrachloroethene	ND	0.524	--	ND	3.55	--	U
108-90-7	Chlorobenzene	ND	0.524	--	ND	2.41	--	U
100-41-4	Ethylbenzene	0.566	0.524	--	2.46	2.28	--	
179601-23-1	p/m-Xylene	3.37	1.05	--	14.6	4.56	--	
75-25-2	Bromoform	ND	0.524	--	ND	5.42	--	U
100-42-5	Styrene	ND	0.524	--	ND	2.23	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-01D	Date Collected	: 02/18/25 13:17
Client ID	: NL-IV-TOTAL_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 00:56
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.619
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747405	Instrument ID	: AIRLAB17
Sample Amount	: 95.4 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.524	--	ND	3.60	--	U
95-47-6	o-Xylene	0.982	0.524	--	4.27	2.28	--	
622-96-8	4-Ethyltoluene	ND	0.524	--	ND	2.58	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.524	--	ND	2.58	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.524	--	ND	2.58	--	U
100-44-7	Benzyl chloride	ND	0.524	--	ND	2.71	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.524	--	ND	3.15	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.524	--	ND	3.15	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.524	--	ND	3.15	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.524	--	ND	3.89	--	U
87-68-3	Hexachlorobutadiene	ND	0.524	--	ND	5.59	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-02D	Date Collected	: 02/18/25 13:30
Client ID	: NL-SVE-1_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 01:31
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 6.974
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747406	Instrument ID	: AIRLAB17
Sample Amount	: 35.9 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	1.39	--	ND	6.87	--	U
74-87-3	Chloromethane	ND	1.39	--	ND	2.87	--	U
76-14-2	Freon-114	ND	1.39	--	ND	9.72	--	U
75-01-4	Vinyl chloride	ND	1.39	--	ND	3.55	--	U
106-99-0	1,3-Butadiene	ND	1.39	--	ND	3.08	--	U
74-83-9	Bromomethane	ND	1.39	--	ND	5.40	--	U
75-00-3	Chloroethane	ND	1.39	--	ND	3.67	--	U
64-17-5	Ethanol	ND	34.9	--	ND	65.8	--	U
593-60-2	Vinyl bromide	ND	1.39	--	ND	6.08	--	U
67-64-1	Acetone	10.6	6.97	--	25.2	16.6	--	
75-69-4	Trichlorofluoromethane	ND	1.39	--	ND	7.81	--	U
67-63-0	Isopropanol	7.71	6.97	--	19.0	17.1	--	
75-35-4	1,1-Dichloroethene	ND	1.39	--	ND	5.51	--	U
75-65-0	Tertiary butyl Alcohol	ND	3.49	--	ND	10.6	--	U
75-09-2	Methylene chloride	ND	3.49	--	ND	12.1	--	U
107-05-1	3-Chloropropene	ND	1.39	--	ND	4.35	--	U
75-15-0	Carbon disulfide	ND	1.39	--	ND	4.33	--	U
76-13-1	Freon-113	ND	1.39	--	ND	10.7	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.39	--	ND	5.51	--	U
75-34-3	1,1-Dichloroethane	ND	1.39	--	ND	5.63	--	U
1634-04-4	Methyl tert butyl ether	ND	1.39	--	ND	5.01	--	U
78-93-3	2-Butanone	ND	3.49	--	ND	10.3	--	U
156-59-2	cis-1,2-Dichloroethene	58.9	1.39	--	234	5.51	--	
141-78-6	Ethyl Acetate	ND	3.49	--	ND	12.6	--	U
67-66-3	Chloroform	3.08	1.39	--	15.0	6.79	--	
109-99-9	Tetrahydrofuran	ND	3.49	--	ND	10.3	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-02D	Date Collected	: 02/18/25 13:30
Client ID	: NL-SVE-1_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 01:31
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 6.974
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747406	Instrument ID	: AIRLAB17
Sample Amount	: 35.9 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	1.39	--	ND	5.63	--	U
110-54-3	n-Hexane	2.32	1.39	--	8.18	4.90	--	
71-55-6	1,1,1-Trichloroethane	ND	1.39	--	ND	7.58	--	U
71-43-2	Benzene	ND	1.39	--	ND	4.44	--	U
56-23-5	Carbon tetrachloride	ND	1.39	--	ND	8.74	--	U
110-82-7	Cyclohexane	30.3	1.39	--	104	4.78	--	
78-87-5	1,2-Dichloropropane	ND	1.39	--	ND	6.42	--	U
75-27-4	Bromodichloromethane	ND	1.39	--	ND	9.31	--	U
123-91-1	1,4-Dioxane	ND	1.39	--	ND	5.01	--	U
79-01-6	Trichloroethene	553	1.39	--	2970	7.47	--	
540-84-1	2,2,4-Trimethylpentane	ND	1.39	--	ND	6.49	--	U
142-82-5	Heptane	1.55	1.39	--	6.35	5.70	--	
10061-01-5	cis-1,3-Dichloropropene	ND	1.39	--	ND	6.31	--	U
108-10-1	4-Methyl-2-pentanone	ND	3.49	--	ND	14.3	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.39	--	ND	6.31	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.39	--	ND	7.58	--	U
108-88-3	Toluene	ND	1.39	--	ND	5.24	--	U
591-78-6	2-Hexanone	ND	1.39	--	ND	5.70	--	U
124-48-1	Dibromochloromethane	ND	1.39	--	ND	11.8	--	U
106-93-4	1,2-Dibromoethane	ND	1.39	--	ND	10.7	--	U
127-18-4	Tetrachloroethene	2.11	1.39	--	14.3	9.43	--	
108-90-7	Chlorobenzene	ND	1.39	--	ND	6.40	--	U
100-41-4	Ethylbenzene	ND	1.39	--	ND	6.04	--	U
179601-23-1	p/m-Xylene	ND	2.79	--	ND	12.1	--	U
75-25-2	Bromoform	ND	1.39	--	ND	14.4	--	U
100-42-5	Styrene	ND	1.39	--	ND	5.92	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-02D	Date Collected	: 02/18/25 13:30
Client ID	: NL-SVE-1_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 01:31
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 6.974
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747406	Instrument ID	: AIRLAB17
Sample Amount	: 35.9 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.39	--	ND	9.55	--	U
95-47-6	o-Xylene	ND	1.39	--	ND	6.04	--	U
622-96-8	4-Ethyltoluene	ND	1.39	--	ND	6.83	--	U
108-67-8	1,3,5-Trimethylbenzene	3.38	1.39	--	16.6	6.83	--	
95-63-6	1,2,4-Trimethylbenzene	ND	1.39	--	ND	6.83	--	U
100-44-7	Benzyl chloride	ND	1.39	--	ND	7.20	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.39	--	ND	8.36	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.39	--	ND	8.36	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.39	--	ND	8.36	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.39	--	ND	10.3	--	U
87-68-3	Hexachlorobutadiene	ND	1.39	--	ND	14.8	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-03D	Date Collected	: 02/18/25 13:42
Client ID	: NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.145
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747407	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.442	0.429	--	2.19	2.12	--	
74-87-3	Chloromethane	0.493	0.429	--	1.02	0.886	--	
76-14-2	Freon-114	ND	0.429	--	ND	3.00	--	U
75-01-4	Vinyl chloride	ND	0.429	--	ND	1.10	--	U
106-99-0	1,3-Butadiene	ND	0.429	--	ND	0.949	--	U
74-83-9	Bromomethane	ND	0.429	--	ND	1.67	--	U
75-00-3	Chloroethane	ND	0.429	--	ND	1.13	--	U
64-17-5	Ethanol	17.2	10.7	--	32.4	20.2	--	
593-60-2	Vinyl bromide	ND	0.429	--	ND	1.88	--	U
67-64-1	Acetone	7.45	2.14	--	17.7	5.08	--	
75-69-4	Trichlorofluoromethane	ND	0.429	--	ND	2.41	--	U
67-63-0	Isopropanol	28.9	2.14	--	71.0	5.26	--	
75-35-4	1,1-Dichloroethene	ND	0.429	--	ND	1.70	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.07	--	ND	3.24	--	U
75-09-2	Methylene chloride	ND	1.07	--	ND	3.72	--	U
107-05-1	3-Chloropropene	ND	0.429	--	ND	1.34	--	U
75-15-0	Carbon disulfide	ND	0.429	--	ND	1.34	--	U
76-13-1	Freon-113	ND	0.429	--	ND	3.29	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.429	--	ND	1.70	--	U
75-34-3	1,1-Dichloroethane	ND	0.429	--	ND	1.74	--	U
1634-04-4	Methyl tert butyl ether	ND	0.429	--	ND	1.55	--	U
78-93-3	2-Butanone	ND	1.07	--	ND	3.16	--	U
156-59-2	cis-1,2-Dichloroethene	0.796	0.429	--	3.16	1.70	--	
141-78-6	Ethyl Acetate	ND	1.07	--	ND	3.86	--	U
67-66-3	Chloroform	ND	0.429	--	ND	2.09	--	U
109-99-9	Tetrahydrofuran	ND	1.07	--	ND	3.16	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-03D	Date Collected	: 02/18/25 13:42
Client ID	: NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.145
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747407	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.429	--	ND	1.74	--	U
110-54-3	n-Hexane	0.676	0.429	--	2.38	1.51	--	
71-55-6	1,1,1-Trichloroethane	ND	0.429	--	ND	2.34	--	U
71-43-2	Benzene	ND	0.429	--	ND	1.37	--	U
56-23-5	Carbon tetrachloride	ND	0.429	--	ND	2.70	--	U
110-82-7	Cyclohexane	0.641	0.429	--	2.21	1.48	--	
78-87-5	1,2-Dichloropropane	ND	0.429	--	ND	1.98	--	U
75-27-4	Bromodichloromethane	ND	0.429	--	ND	2.87	--	U
123-91-1	1,4-Dioxane	ND	0.429	--	ND	1.55	--	U
79-01-6	Trichloroethene	19.8	0.429	--	106	2.31	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.429	--	ND	2.00	--	U
142-82-5	Heptane	1.20	0.429	--	4.92	1.76	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.429	--	ND	1.95	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.07	--	ND	4.39	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.429	--	ND	1.95	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.429	--	ND	2.34	--	U
108-88-3	Toluene	1.17	0.429	--	4.41	1.62	--	
591-78-6	2-Hexanone	ND	0.429	--	ND	1.76	--	U
124-48-1	Dibromochloromethane	ND	0.429	--	ND	3.65	--	U
106-93-4	1,2-Dibromoethane	ND	0.429	--	ND	3.30	--	U
127-18-4	Tetrachloroethene	ND	0.429	--	ND	2.91	--	U
108-90-7	Chlorobenzene	ND	0.429	--	ND	1.98	--	U
100-41-4	Ethylbenzene	ND	0.429	--	ND	1.86	--	U
179601-23-1	p/m-Xylene	0.984	0.858	--	4.27	3.73	--	
75-25-2	Bromoform	ND	0.429	--	ND	4.44	--	U
100-42-5	Styrene	ND	0.429	--	ND	1.83	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-03D	Date Collected	: 02/18/25 13:42
Client ID	: NL-IV-7_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:09
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.145
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747407	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.429	--	ND	2.95	--	U
95-47-6	o-Xylene	0.680	0.429	--	2.95	1.86	--	
622-96-8	4-Ethyltoluene	ND	0.429	--	ND	2.11	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.429	--	ND	2.11	--	U
95-63-6	1,2,4-Trimethylbenzene	0.493	0.429	--	2.42	2.11	--	
100-44-7	Benzyl chloride	ND	0.429	--	ND	2.22	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.429	--	ND	2.58	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.429	--	ND	2.58	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.429	--	ND	2.58	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.429	--	ND	3.18	--	U
87-68-3	Hexachlorobutadiene	ND	0.429	--	ND	4.58	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-04D	Date Collected	: 02/18/25 13:55
Client ID	: NL-EV-POST_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.98
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747408	Instrument ID	: AIRLAB17
Sample Amount	: 126 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.725	0.396	--	3.58	1.96	--	
74-87-3	Chloromethane	ND	0.396	--	ND	0.818	--	U
76-14-2	Freon-114	ND	0.396	--	ND	2.77	--	U
75-01-4	Vinyl chloride	ND	0.396	--	ND	1.01	--	U
106-99-0	1,3-Butadiene	ND	0.396	--	ND	0.876	--	U
74-83-9	Bromomethane	ND	0.396	--	ND	1.54	--	U
75-00-3	Chloroethane	ND	0.396	--	ND	1.04	--	U
64-17-5	Ethanol	37.0	9.90	--	69.7	18.7	--	
593-60-2	Vinyl bromide	ND	0.396	--	ND	1.73	--	U
67-64-1	Acetone	10.0	1.98	--	23.8	4.70	--	
75-69-4	Trichlorofluoromethane	ND	0.396	--	ND	2.23	--	U
67-63-0	Isopropanol	7.04	1.98	--	17.3	4.87	--	
75-35-4	1,1-Dichloroethene	ND	0.396	--	ND	1.57	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.990	--	ND	3.00	--	U
75-09-2	Methylene chloride	ND	0.990	--	ND	3.44	--	U
107-05-1	3-Chloropropene	ND	0.396	--	ND	1.24	--	U
75-15-0	Carbon disulfide	ND	0.396	--	ND	1.23	--	U
76-13-1	Freon-113	ND	0.396	--	ND	3.04	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.396	--	ND	1.57	--	U
75-34-3	1,1-Dichloroethane	ND	0.396	--	ND	1.60	--	U
1634-04-4	Methyl tert butyl ether	ND	0.396	--	ND	1.43	--	U
78-93-3	2-Butanone	ND	0.990	--	ND	2.92	--	U
156-59-2	cis-1,2-Dichloroethene	0.475	0.396	--	1.88	1.57	--	
141-78-6	Ethyl Acetate	ND	0.990	--	ND	3.57	--	U
67-66-3	Chloroform	0.414	0.396	--	2.02	1.93	--	
109-99-9	Tetrahydrofuran	ND	0.990	--	ND	2.92	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-04D	Date Collected	: 02/18/25 13:55
Client ID	: NL-EV-POST_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.98
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747408	Instrument ID	: AIRLAB17
Sample Amount	: 126 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.396	--	ND	1.60	--	U
110-54-3	n-Hexane	0.834	0.396	--	2.94	1.40	--	
71-55-6	1,1,1-Trichloroethane	ND	0.396	--	ND	2.16	--	U
71-43-2	Benzene	0.540	0.396	--	1.73	1.27	--	
56-23-5	Carbon tetrachloride	ND	0.396	--	ND	2.49	--	U
110-82-7	Cyclohexane	ND	0.396	--	ND	1.36	--	U
78-87-5	1,2-Dichloropropane	ND	0.396	--	ND	1.83	--	U
75-27-4	Bromodichloromethane	ND	0.396	--	ND	2.65	--	U
123-91-1	1,4-Dioxane	ND	0.396	--	ND	1.43	--	U
79-01-6	Trichloroethene	10.1	0.396	--	54.3	2.13	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.396	--	ND	1.85	--	U
142-82-5	Heptane	ND	0.396	--	ND	1.62	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.396	--	ND	1.80	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.990	--	ND	4.06	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.396	--	ND	1.80	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.396	--	ND	2.16	--	U
108-88-3	Toluene	0.887	0.396	--	3.34	1.49	--	
591-78-6	2-Hexanone	ND	0.396	--	ND	1.62	--	U
124-48-1	Dibromochloromethane	ND	0.396	--	ND	3.37	--	U
106-93-4	1,2-Dibromoethane	ND	0.396	--	ND	3.04	--	U
127-18-4	Tetrachloroethene	ND	0.396	--	ND	2.69	--	U
108-90-7	Chlorobenzene	ND	0.396	--	ND	1.82	--	U
100-41-4	Ethylbenzene	ND	0.396	--	ND	1.72	--	U
179601-23-1	p/m-Xylene	0.867	0.792	--	3.77	3.44	--	
75-25-2	Bromoform	ND	0.396	--	ND	4.09	--	U
100-42-5	Styrene	ND	0.396	--	ND	1.69	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-04D	Date Collected	: 02/18/25 13:55
Client ID	: NL-EV-POST_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 02:46
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.98
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747408	Instrument ID	: AIRLAB17
Sample Amount	: 126 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.396	--	ND	2.72	--	U
95-47-6	o-Xylene	0.442	0.396	--	1.92	1.72	--	
622-96-8	4-Ethyltoluene	ND	0.396	--	ND	1.95	--	U
108-67-8	1,3,5-Trimethylbenzene	0.515	0.396	--	2.53	1.95	--	
95-63-6	1,2,4-Trimethylbenzene	ND	0.396	--	ND	1.95	--	U
100-44-7	Benzyl chloride	ND	0.396	--	ND	2.05	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.396	--	ND	2.38	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.396	--	ND	2.38	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.396	--	ND	2.38	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.396	--	ND	2.94	--	U
87-68-3	Hexachlorobutadiene	ND	0.396	--	ND	4.22	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-05D	Date Collected	: 02/18/25 14:08
Client ID	: NL-IV-DUP_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 03:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.13
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747409	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.532	0.426	--	2.63	2.11	--	
74-87-3	Chloromethane	ND	0.426	--	ND	0.880	--	U
76-14-2	Freon-114	ND	0.426	--	ND	2.98	--	U
75-01-4	Vinyl chloride	ND	0.426	--	ND	1.09	--	U
106-99-0	1,3-Butadiene	ND	0.426	--	ND	0.942	--	U
74-83-9	Bromomethane	ND	0.426	--	ND	1.65	--	U
75-00-3	Chloroethane	ND	0.426	--	ND	1.12	--	U
64-17-5	Ethanol	11.7	10.6	--	22.0	20.0	--	
593-60-2	Vinyl bromide	ND	0.426	--	ND	1.86	--	U
67-64-1	Acetone	4.26	2.13	--	10.1	5.06	--	
75-69-4	Trichlorofluoromethane	ND	0.426	--	ND	2.39	--	U
67-63-0	Isopropanol	3.68	2.13	--	9.05	5.24	--	
75-35-4	1,1-Dichloroethene	ND	0.426	--	ND	1.69	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.06	--	ND	3.21	--	U
75-09-2	Methylene chloride	ND	1.06	--	ND	3.68	--	U
107-05-1	3-Chloropropene	ND	0.426	--	ND	1.33	--	U
75-15-0	Carbon disulfide	ND	0.426	--	ND	1.33	--	U
76-13-1	Freon-113	ND	0.426	--	ND	3.27	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.426	--	ND	1.69	--	U
75-34-3	1,1-Dichloroethane	ND	0.426	--	ND	1.72	--	U
1634-04-4	Methyl tert butyl ether	ND	0.426	--	ND	1.54	--	U
78-93-3	2-Butanone	ND	1.06	--	ND	3.13	--	U
156-59-2	cis-1,2-Dichloroethene	1.16	0.426	--	4.60	1.69	--	
141-78-6	Ethyl Acetate	ND	1.06	--	ND	3.82	--	U
67-66-3	Chloroform	ND	0.426	--	ND	2.08	--	U
109-99-9	Tetrahydrofuran	ND	1.06	--	ND	3.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-05D	Date Collected	: 02/18/25 14:08
Client ID	: NL-IV-DUP_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 03:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.13
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747409	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.426	--	ND	1.72	--	U
110-54-3	n-Hexane	ND	0.426	--	ND	1.50	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.426	--	ND	2.32	--	U
71-43-2	Benzene	0.605	0.426	--	1.93	1.36	--	
56-23-5	Carbon tetrachloride	ND	0.426	--	ND	2.68	--	U
110-82-7	Cyclohexane	0.613	0.426	--	2.11	1.47	--	
78-87-5	1,2-Dichloropropane	ND	0.426	--	ND	1.97	--	U
75-27-4	Bromodichloromethane	ND	0.426	--	ND	2.85	--	U
123-91-1	1,4-Dioxane	ND	0.426	--	ND	1.54	--	U
79-01-6	Trichloroethene	32.6	0.426	--	175	2.29	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.426	--	ND	1.99	--	U
142-82-5	Heptane	ND	0.426	--	ND	1.75	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.426	--	ND	1.93	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.06	--	ND	4.34	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.426	--	ND	1.93	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.426	--	ND	2.32	--	U
108-88-3	Toluene	0.990	0.426	--	3.73	1.61	--	
591-78-6	2-Hexanone	ND	0.426	--	ND	1.75	--	U
124-48-1	Dibromochloromethane	ND	0.426	--	ND	3.63	--	U
106-93-4	1,2-Dibromoethane	ND	0.426	--	ND	3.27	--	U
127-18-4	Tetrachloroethene	0.430	0.426	--	2.92	2.89	--	
108-90-7	Chlorobenzene	ND	0.426	--	ND	1.96	--	U
100-41-4	Ethylbenzene	ND	0.426	--	ND	1.85	--	U
179601-23-1	p/m-Xylene	0.954	0.852	--	4.14	3.70	--	
75-25-2	Bromoform	ND	0.426	--	ND	4.40	--	U
100-42-5	Styrene	ND	0.426	--	ND	1.81	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: L2508885-05D	Date Collected	: 02/18/25 14:08
Client ID	: NL-IV-DUP_20250218	Date Received	: 02/18/25
Sample Location	: 3200 JEROME AVE, BRONX	Date Analyzed	: 03/04/25 03:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.13
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747409	Instrument ID	: AIRLAB17
Sample Amount	: 117 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.426	--	ND	2.93	--	U
95-47-6	o-Xylene	0.505	0.426	--	2.19	1.85	--	
622-96-8	4-Ethyltoluene	ND	0.426	--	ND	2.09	--	U
108-67-8	1,3,5-Trimethylbenzene	0.980	0.426	--	4.82	2.09	--	
95-63-6	1,2,4-Trimethylbenzene	ND	0.426	--	ND	2.09	--	U
100-44-7	Benzyl chloride	ND	0.426	--	ND	2.21	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.426	--	ND	2.56	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.426	--	ND	2.56	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.426	--	ND	2.56	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.426	--	ND	3.16	--	U
87-68-3	Hexachlorobutadiene	ND	0.426	--	ND	4.54	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: WG2036206-4	Date Collected	: NA
Client ID	: WG2036206-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/03/25 14:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747394	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: WG2036206-4	Date Collected	: NA
Client ID	: WG2036206-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/03/25 14:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747394	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2508885
Project Name	: 3200 JEROME AVE	Project Number	: 11455
Lab ID	: WG2036206-4	Date Collected	: NA
Client ID	: WG2036206-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/03/25 14:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1747394	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747405.D
Acq On : 4 Mar 2025 12:56 AM
Operator : AIRLAB17:TPH
Sample : L2508885-01D,3,95.44,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:12 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	246597	10.000	ppbV	-0.04
Standard Area = 252892			Recovery = 97.51%			
43) 1,4-difluorobenzene	10.990	114	668121	10.000	ppbV	-0.04
Standard Area = 698345			Recovery = 95.67%			
67) chlorobenzene-D5	15.767	54	108812	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 110.89%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.850	85	6423	0.261	ppbV	93
6) chloromethane	4.000	50	2805	0.210	ppbV	93
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.912	31	105613	11.384	ppbV	85
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.413	43	71836M6	3.793	ppbV	
21) trichlorofluoromethane	5.597	101	2572	0.118	ppbV	100
22) isopropyl alcohol	5.677	45	222259	9.285	ppbV	98
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.408	49	1466	0.084	ppbV	100
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.	d	
31) Freon 113	6.708	101	848	0.033	ppbV #	72
32) trans-1,2-dichloroethene	7.442		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.108	43	5441	0.170	ppbV #	95
37) cis-1,2-dichloroethene	8.592	61	2020	0.119	ppbV	94
38) Ethyl Acetate	8.883	61	815	0.186	ppbV #	1
39) chloroform	8.925	83	2572	0.110	ppbV #	86
40) Tetrahydrofuran	0.000		0	N.D.	d	
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.850	57	5942	0.275	ppbV #	1

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747405.D
Acq On : 4 Mar 2025 12:56 AM
Operator : AIRLAB17:TPH
Sample : L2508885-01D,3,95.44,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:12 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	10.563	78	7299	0.155	ppbV	97
52) carbon tetrachloride	10.737	117	645	0.036	ppbV #	79
53) cyclohexane	10.883	56	1961	0.085	ppbV	88
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	11.783		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	11.783	130	50222	2.368	ppbV	99
60) 2,2,4-trimethylpentane	0.000		0	N.D. d		
62) heptane	12.157	43	2842	0.088	ppbV #	84
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	12.867		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	13.717		0	N.D.		
68) toluene	13.958	91	22856	0.369	ppbV	97
72) 2-hexanone	0.000		0	N.D. d		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.150	166	3857	0.152	ppbV	97
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	16.167	91	17186	0.216	ppbV	96
83) m+p-xylene	16.317	91	80854	1.287	ppbV	96
84) bromoform	0.000		0	N.D.		
85) styrene	16.658	104	1708	0.033	ppbV	92
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	16.750	91	23641	0.375	ppbV	98
96) 4-ethyl toluene	17.842	105	3459M6	0.041	ppbV	
97) 1,3,5-trimethylbenzene	17.908	105	9299	0.129	ppbV #	95
99) 1,2,4-trimethylbenzene	18.258	105	11126M6	0.156	ppbV	
101) Benzyl Chloride	0.000		0	N.D. d		
102) 1,3-dichlorobenzene	18.450		0	N.D.		
103) 1,4-dichlorobenzene	18.450		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747405.D
Acq On : 4 Mar 2025 12:56 AM
Operator : AIRLAB17:TPH
Sample : L2508885-01D,3,95.44,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:12 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

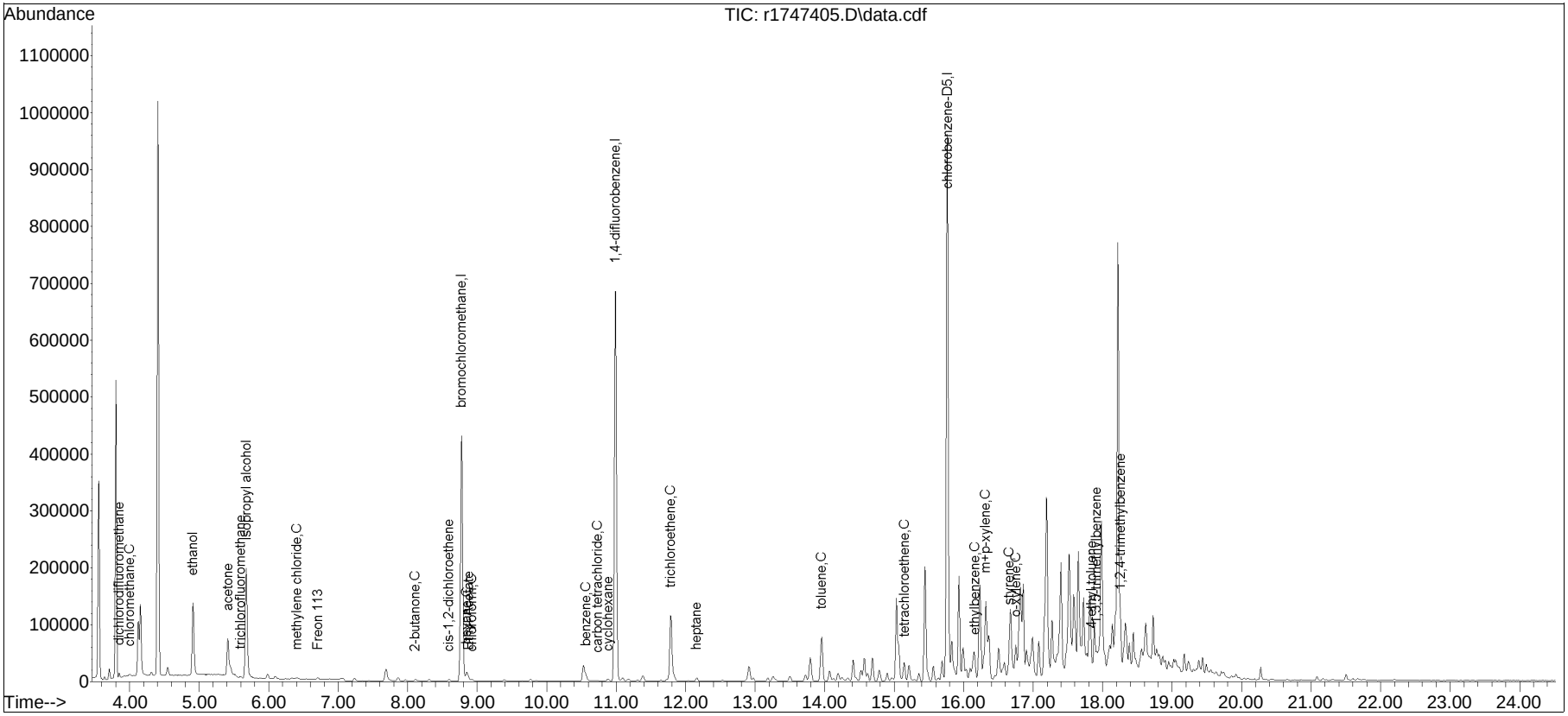
CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

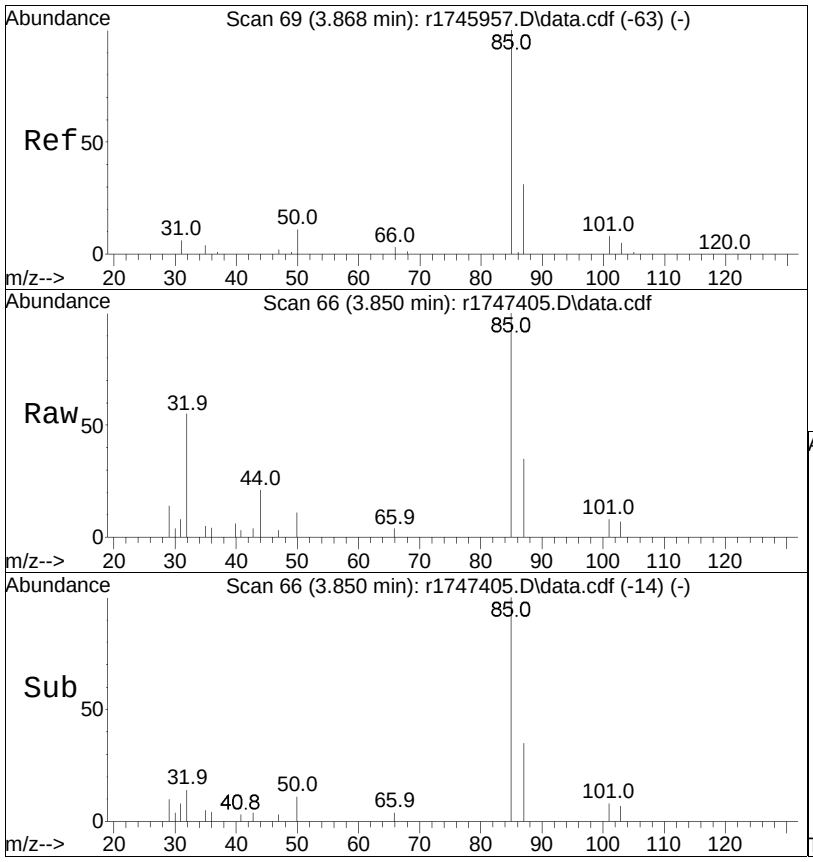
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\03\0303T\r1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747405.D
Acq On : 4 Mar 2025 12:56 AM
Operator : AIRLAB17:TPH
Sample : L2508885-01D,3,95.44,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:12 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

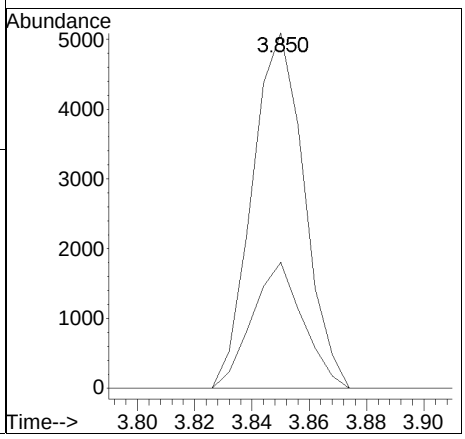


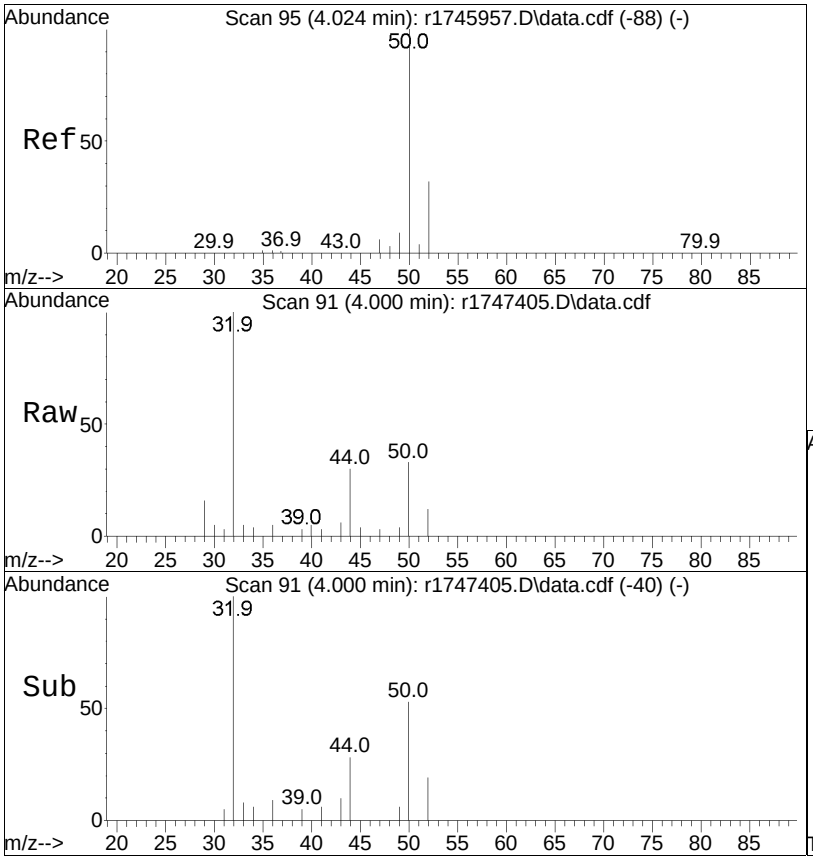


#5
dichlorodifluoromethane
Concen: 0.26 ppbV
RT: 3.850 min Scan# 66
Delta R.T. -0.018 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 85 Resp: 6423

Ion	Ratio	Lower	Upper
85	100		
87	35.5	25.2	37.8

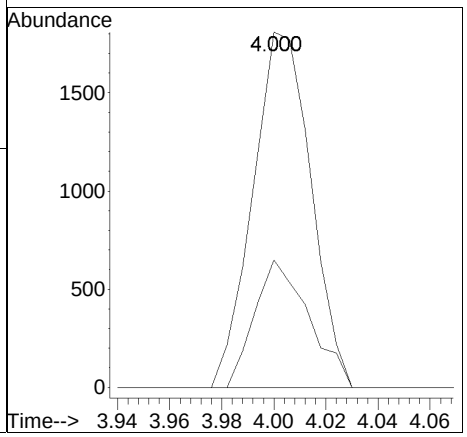


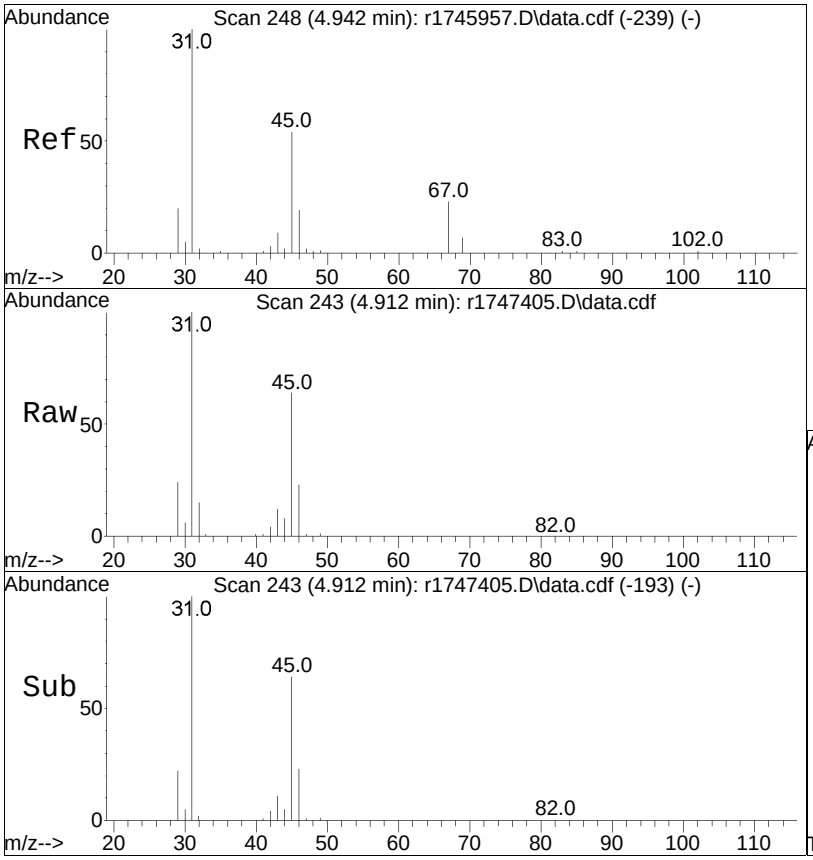


#6
chloromethane
Concen: 0.21 ppbV
RT: 4.000 min Scan# 91
Delta R.T. -0.024 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 50 Resp: 2805

Ion	Ratio	Lower	Upper
50	100		
52	35.9	25.4	38.2

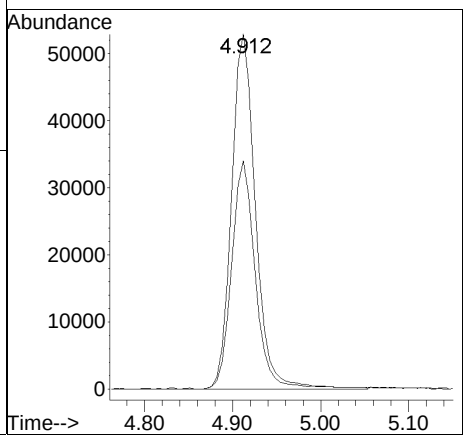


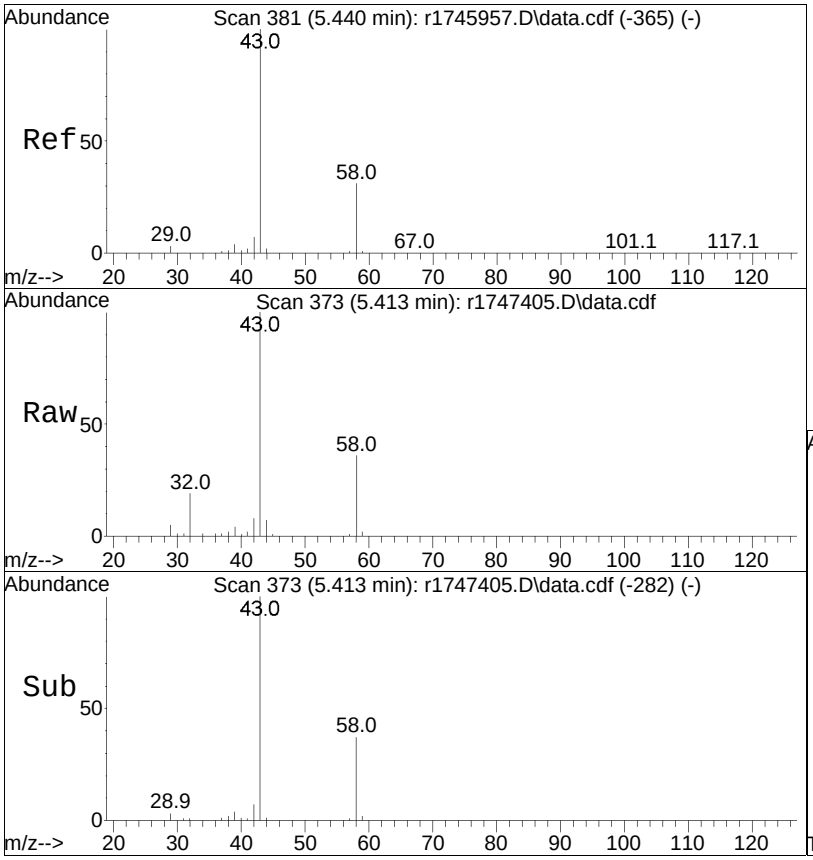


#15
ethanol
Concen: 11.38 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.030 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 31 Resp: 105613

Ion	Ratio	Lower	Upper
31	100		
45	64.4	43.0	64.6

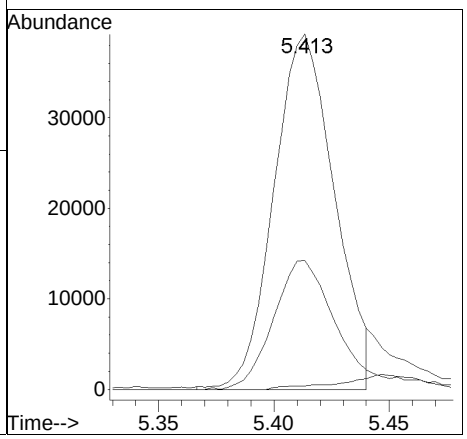


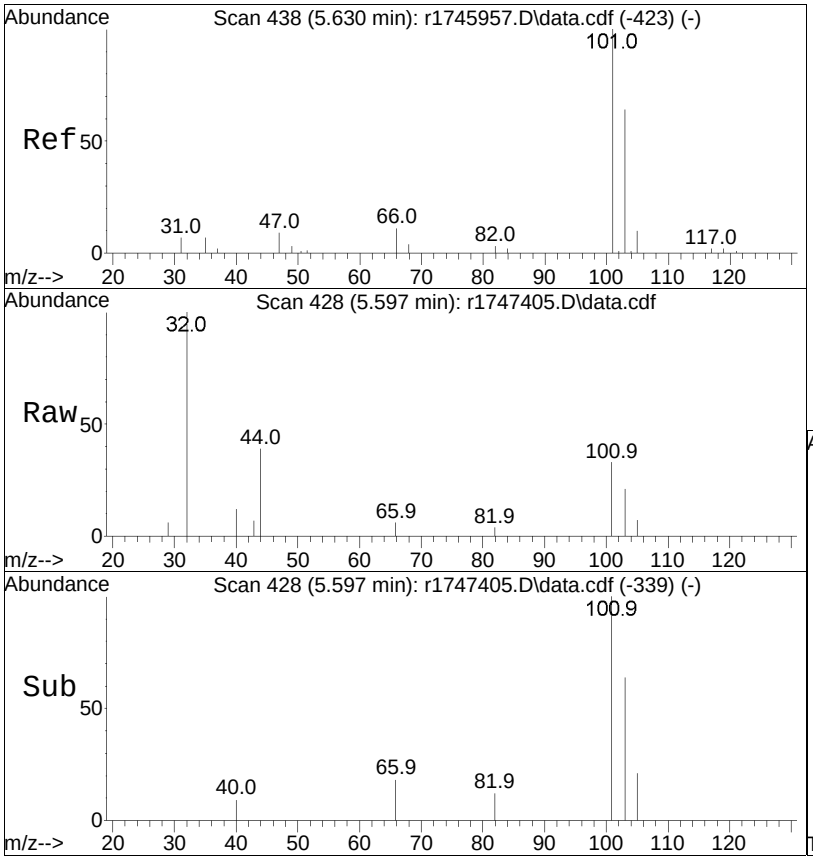


#19
acetone
Concen: 3.79 ppbV m
RT: 5.413 min Scan# 373
Delta R.T. -0.027 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 43 Resp: 71836

Ion	Ratio	Lower	Upper
43	100		
58	36.3	24.7	37.1
57	1.0	0.6	0.8#

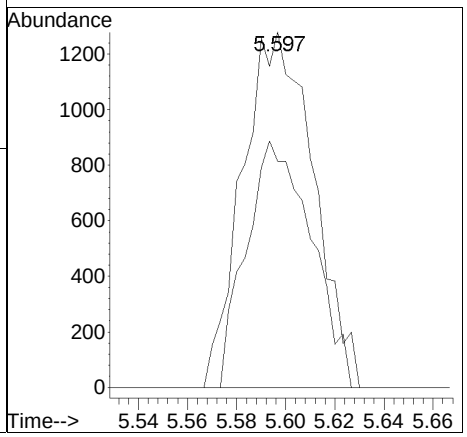


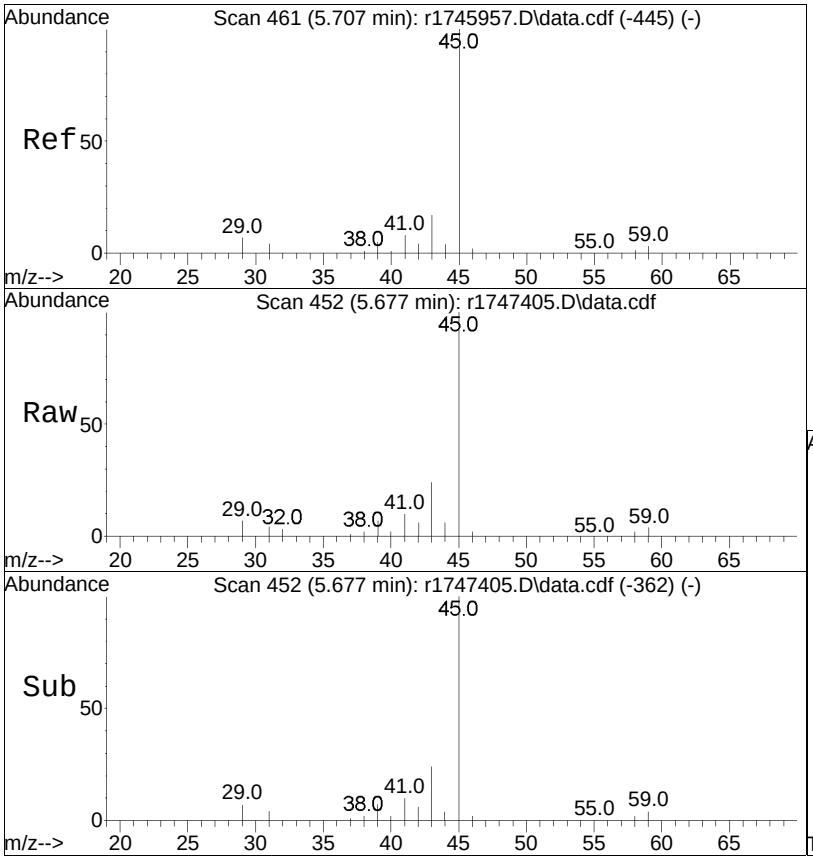


#21
trichlorofluoromethane
Concen: 0.12 ppbV
RT: 5.597 min Scan# 428
Delta R.T. -0.033 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:101 Resp: 2572

Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.9	76.3

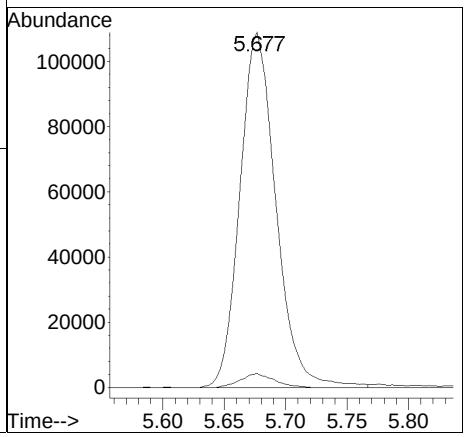


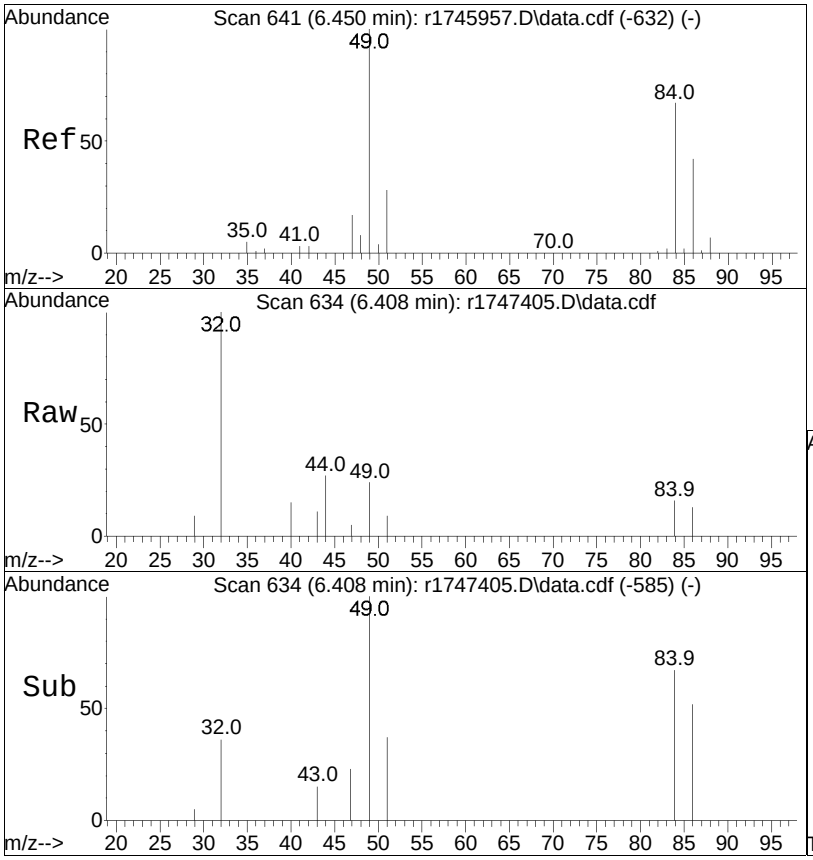


#22
isopropyl alcohol
Concen: 9.29 ppbV
RT: 5.677 min Scan# 452
Delta R.T. -0.030 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 45 Resp: 222259

Ion	Ratio	Lower	Upper
45	100		
59	3.8	2.6	4.0

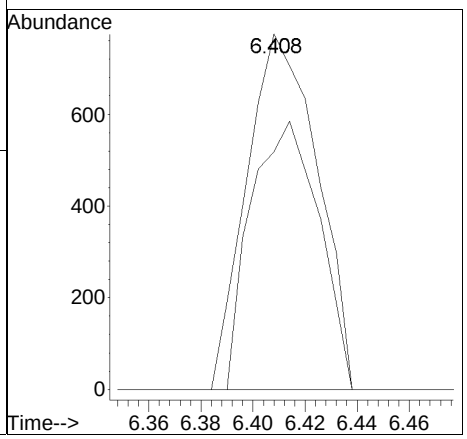


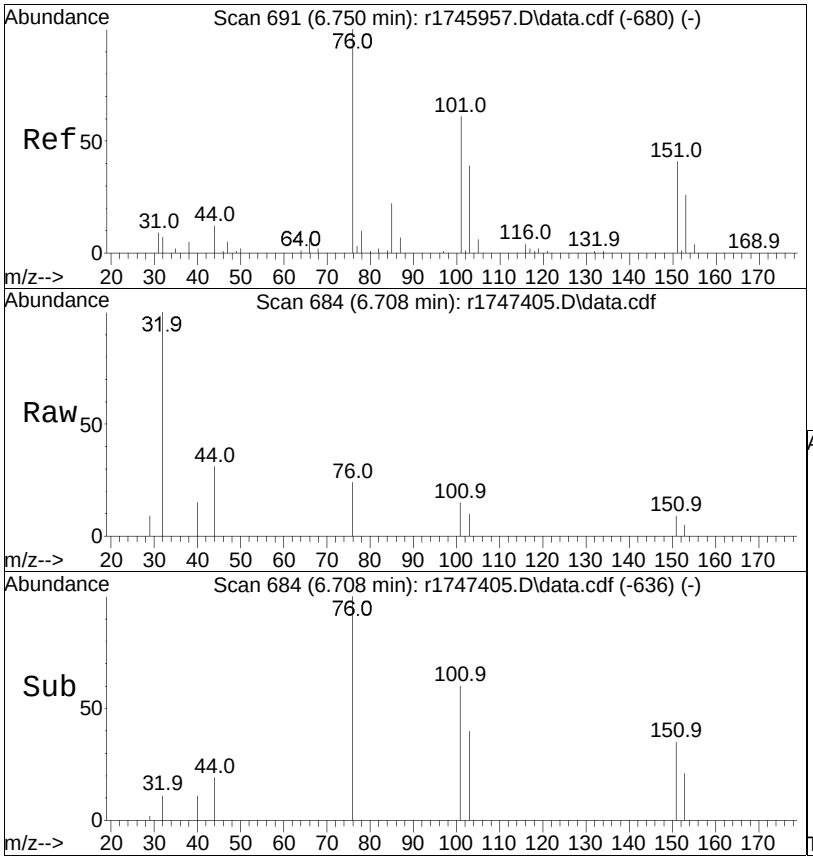


#28
methylene chloride
Concen: 0.08 ppbV
RT: 6.408 min Scan# 634
Delta R.T. -0.042 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 49 Resp: 1466

Ion	Ratio	Lower	Upper
49	100		
84	66.8	53.4	80.0

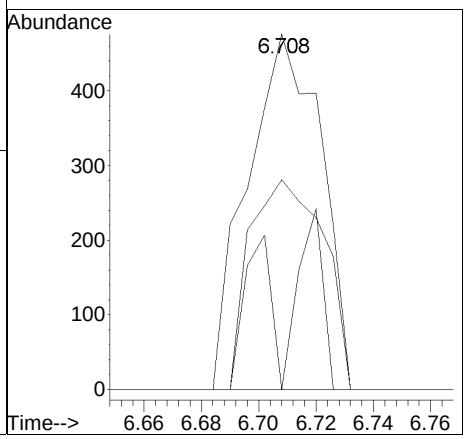


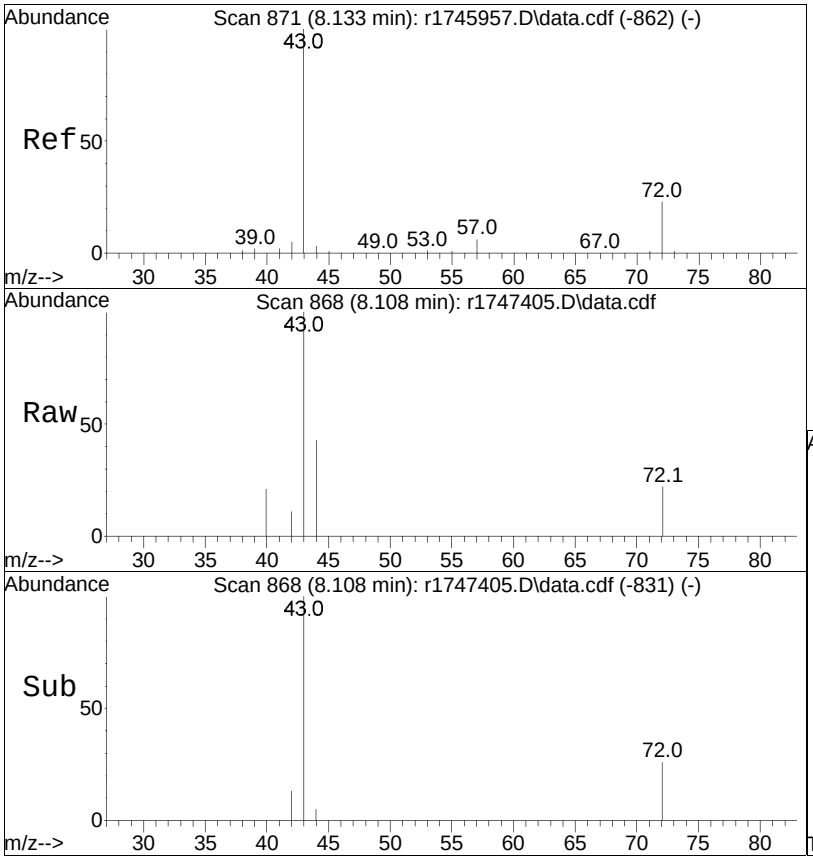


#31
Freon 113
Concen: 0.03 ppbV
RT: 6.708 min Scan# 684
Delta R.T. -0.042 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:101 Resp: 848

Ion	Ratio	Lower	Upper
101	100		
85	0.0	29.0	43.4#
151	59.0	53.6	80.4

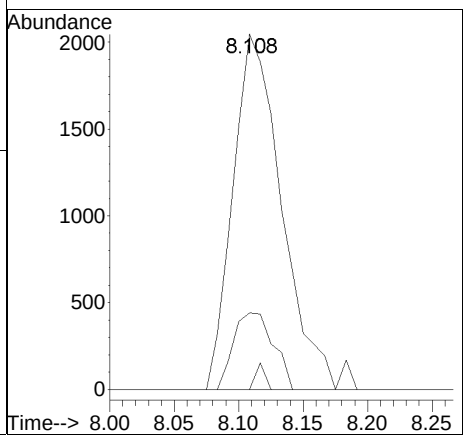


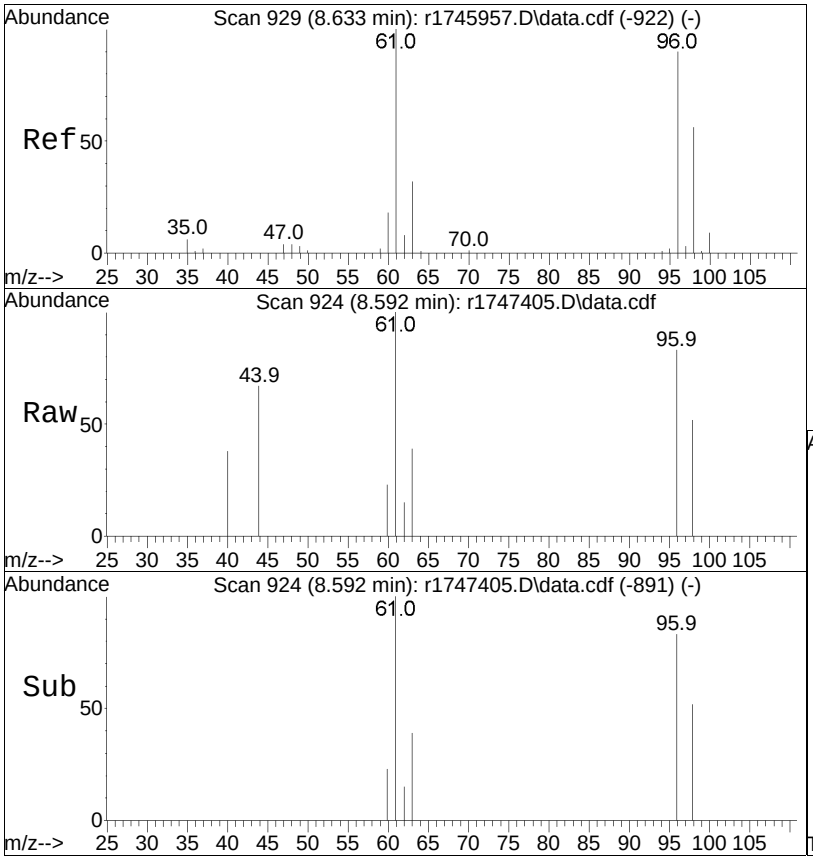


#36
2-butanone
Concen: 0.17 ppbV
RT: 8.108 min Scan# 868
Delta R.T. -0.025 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 43 Resp: 5441

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.1	27.1
57	0.0	4.6	6.8#

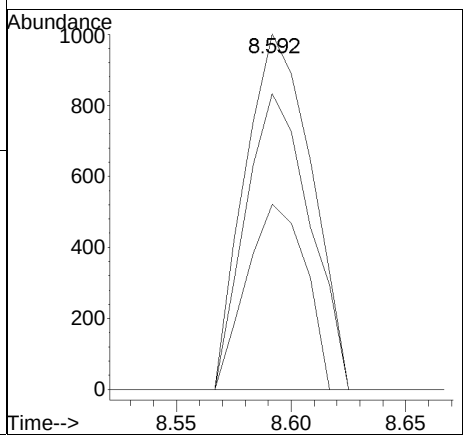


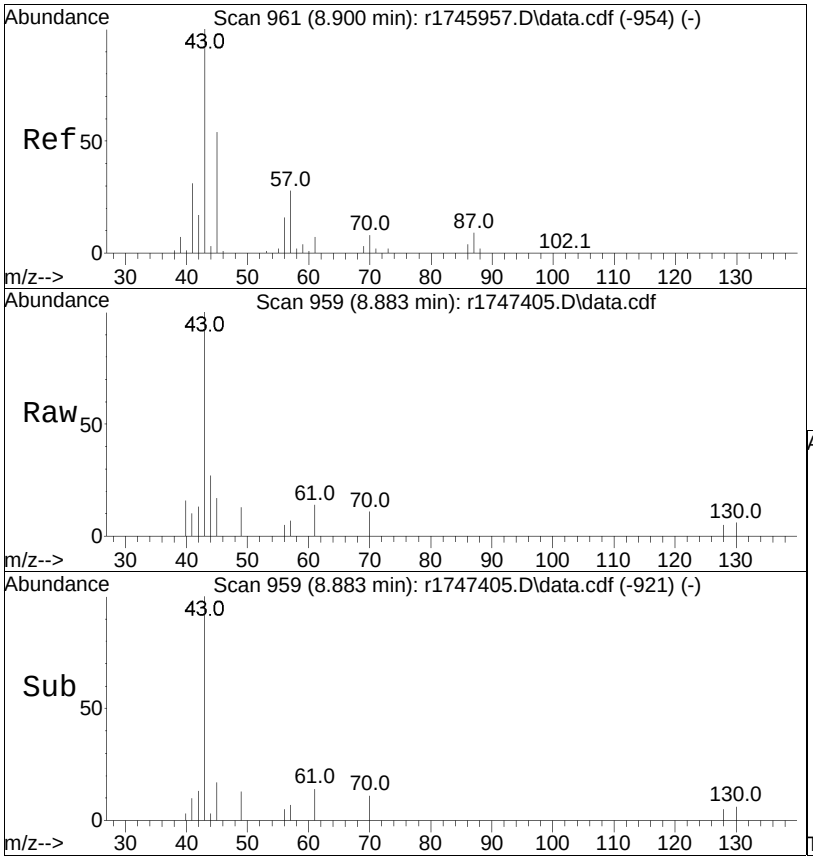


#37
cis-1,2-dichloroethene
Concen: 0.12 ppbV
RT: 8.592 min Scan# 924
Delta R.T. -0.042 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 61 Resp: 2020

Ion	Ratio	Lower	Upper
61	100		
96	83.2	71.6	107.4
98	52.0	45.1	67.7

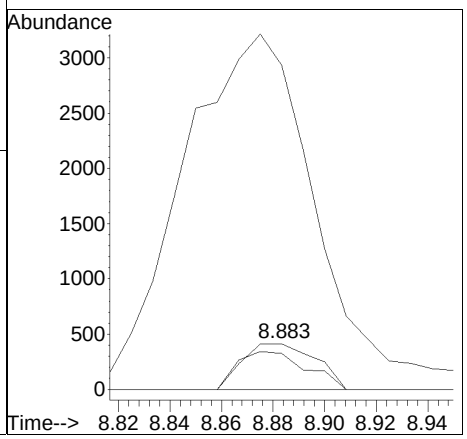


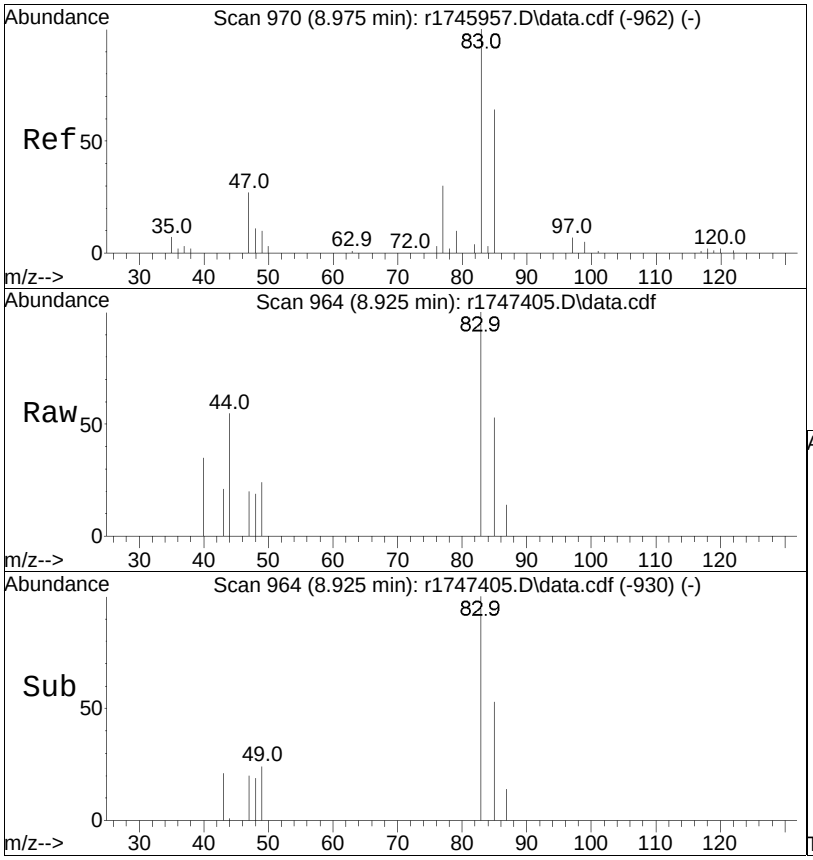


#38
Ethyl Acetate
Concen: 0.19 ppbV
RT: 8.883 min Scan# 959
Delta R.T. -0.017 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 61 Resp: 815

Ion	Ratio	Lower	Upper
61	100		
70	79.1	85.8	128.8#
43	711.7	1077.6	1616.4#

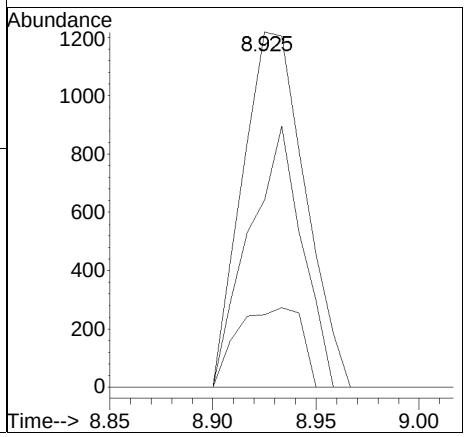


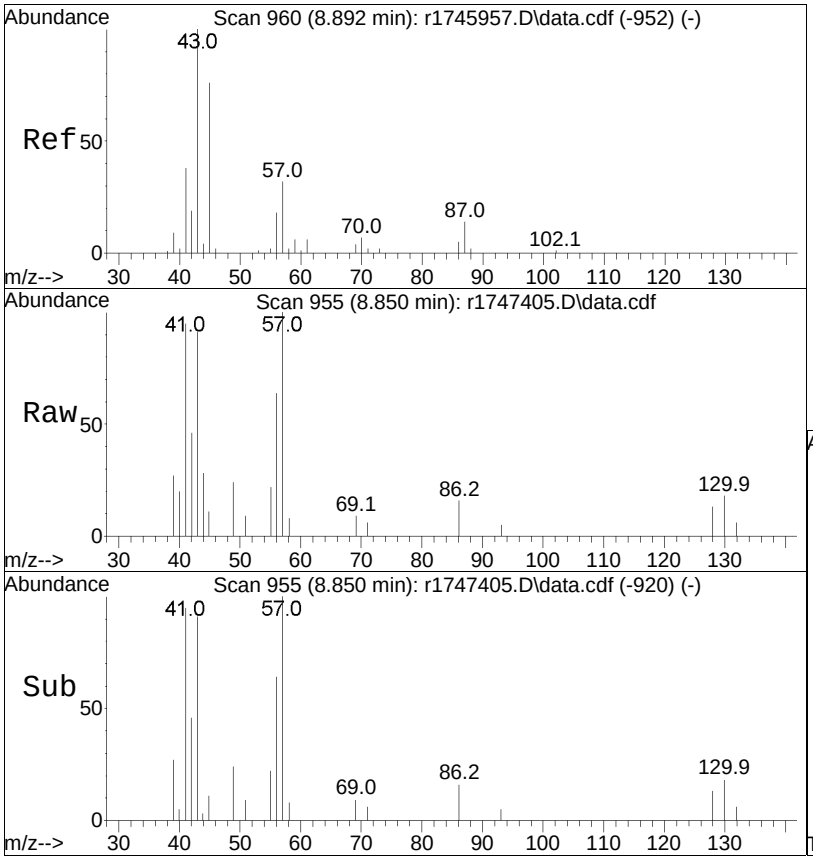


#39
chloroform
Concen: 0.11 ppbV
RT: 8.925 min Scan# 964
Delta R.T. -0.050 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 83 Resp: 2572

Ion	Ratio	Lower	Upper
83	100		
85	52.7	51.6	77.4
47	20.4	21.4	32.2#

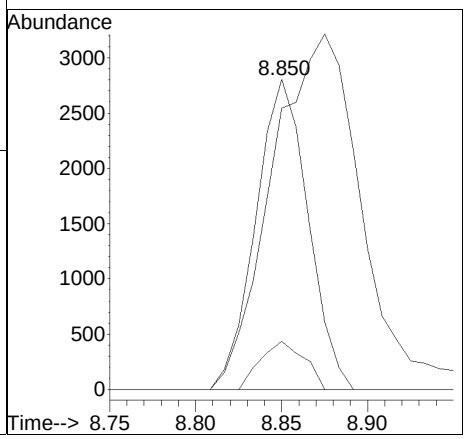


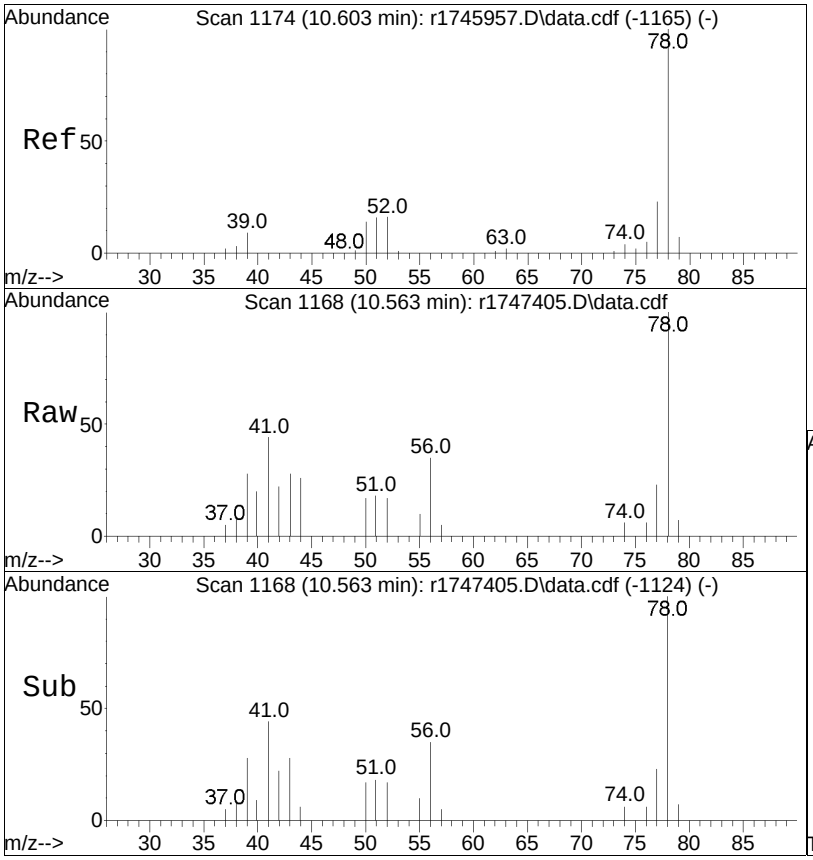


#44
hexane
Concen: 0.27 ppbV
RT: 8.850 min Scan# 955
Delta R.T. -0.042 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 57 Resp: 5942

Ion	Ratio	Lower	Upper
57	100		
43	90.7	247.4	371.0#
86	15.5	12.9	19.3

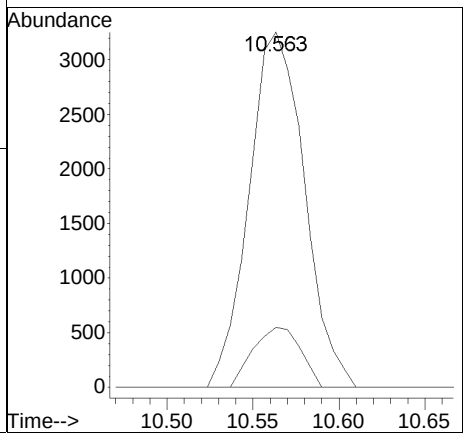


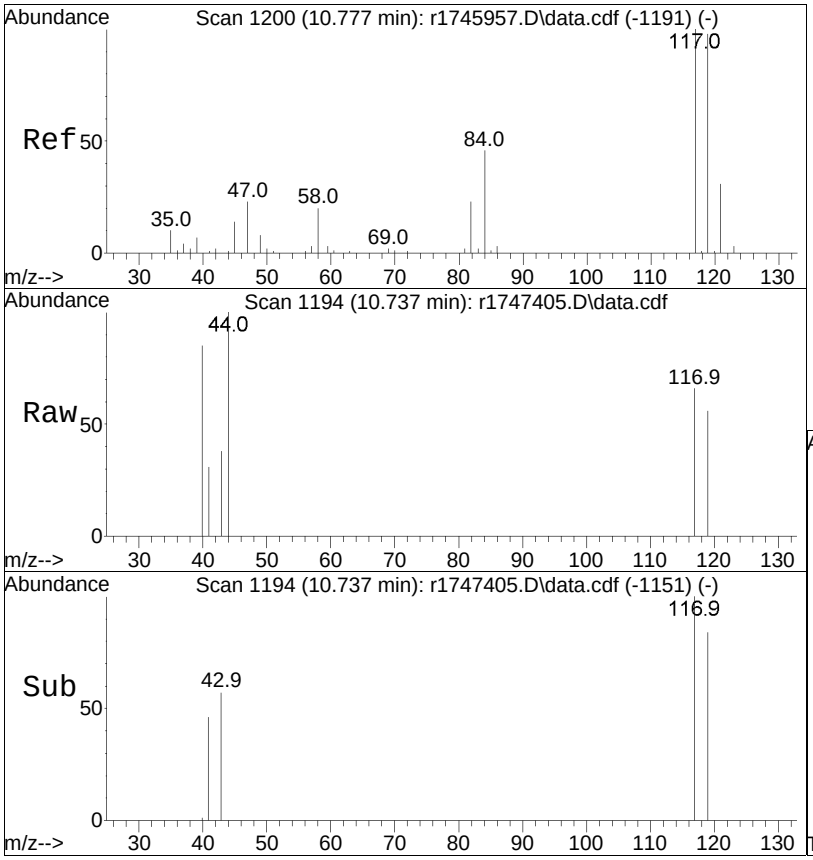


#50
benzene
Concen: 0.16 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. -0.040 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 78 Resp: 7299

Ion	Ratio	Lower	Upper
78	100		
52	16.9	12.5	18.7

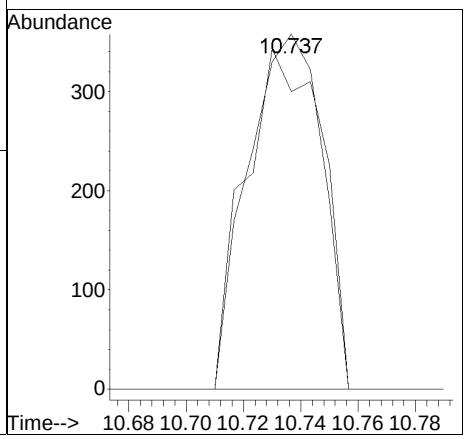


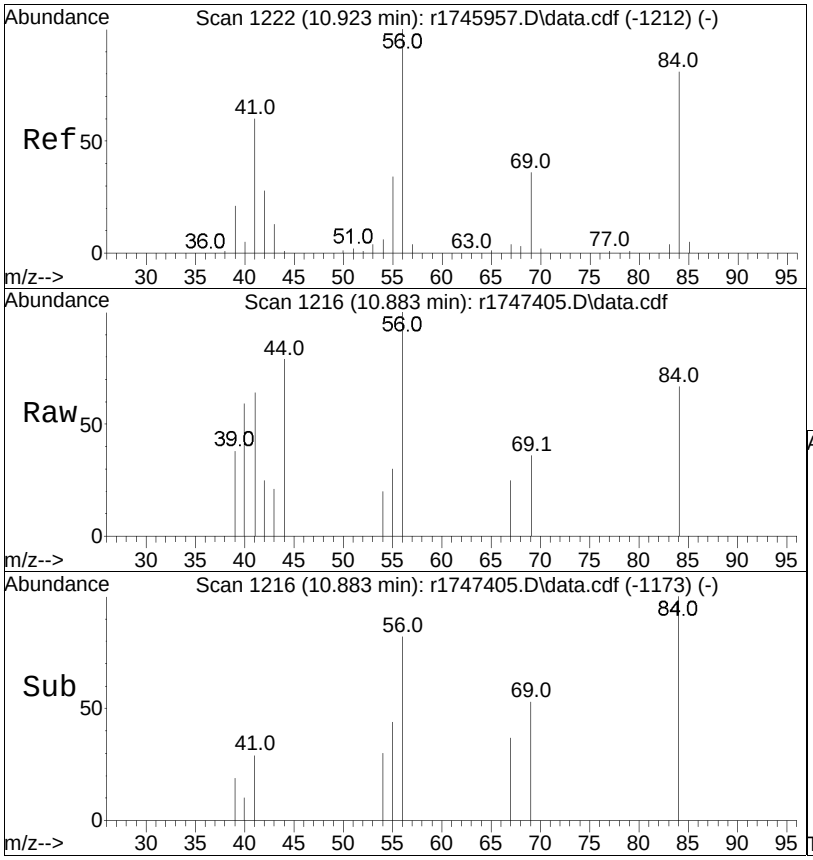


#52
carbon tetrachloride
Concen: 0.04 ppbV
RT: 10.737 min Scan# 1194
Delta R.T. -0.040 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:117 Resp: 645

Ion	Ratio	Lower	Upper
117	100		
119	83.8	78.2	117.2
82	0.0	18.6	28.0#

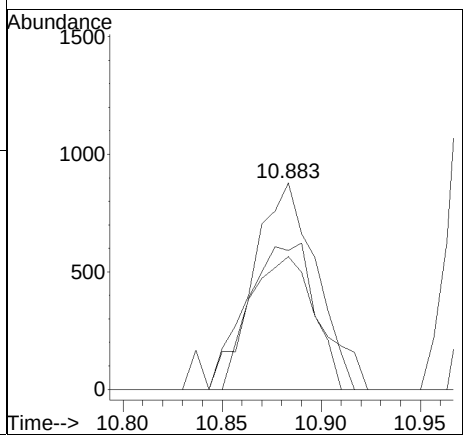


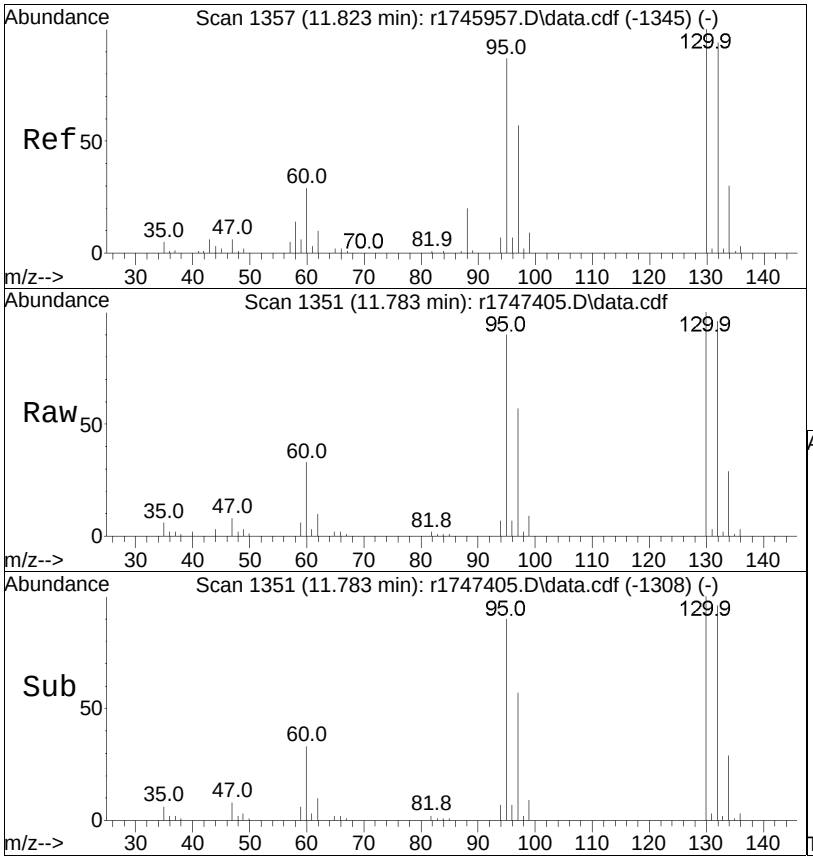


#53
cyclohexane
Concen: 0.09 ppbV
RT: 10.883 min Scan# 1216
Delta R.T. -0.040 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 56 Resp: 1961

Ion	Ratio	Lower	Upper
56	100		
84	67.3	65.4	98.0
41	64.4	48.2	72.4

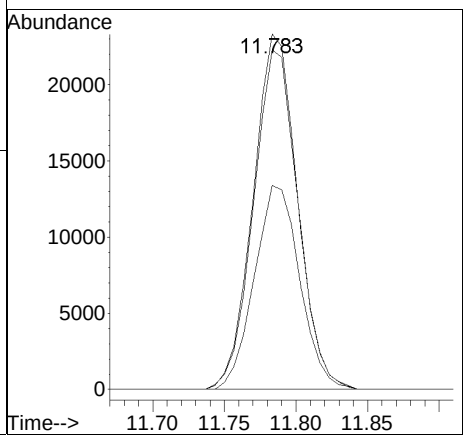


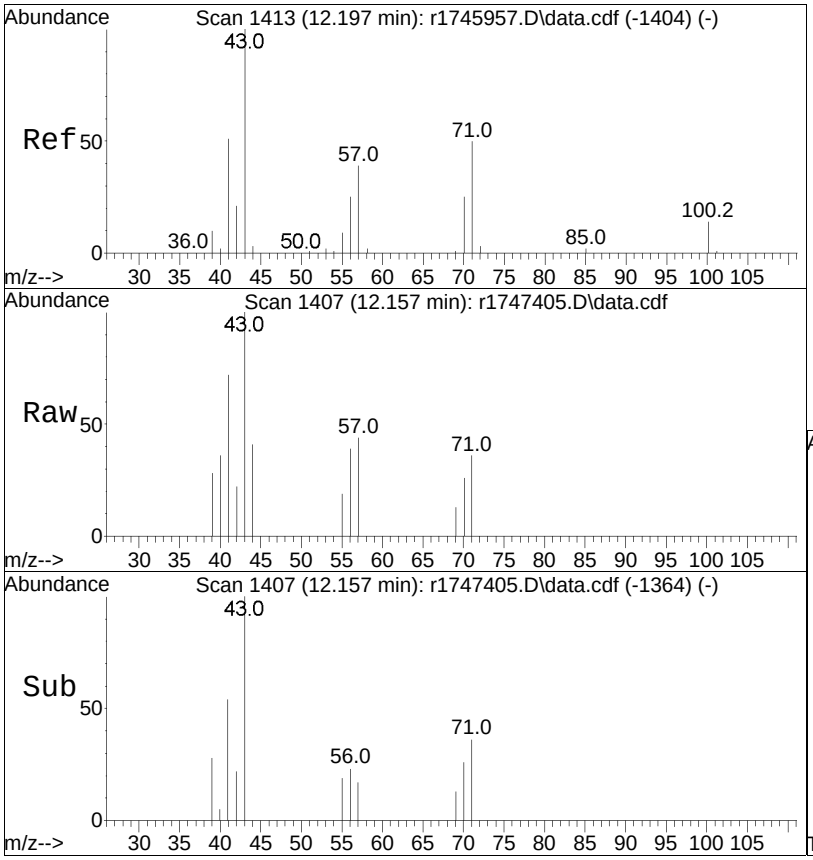


#59
trichloroethene
Concen: 2.37 ppbV
RT: 11.783 min Scan# 1351
Delta R.T. -0.040 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:130 Resp: 50222

Ion	Ratio	Lower	Upper
130	100		
132	95.5	75.5	113.3
97	57.4	45.9	68.9

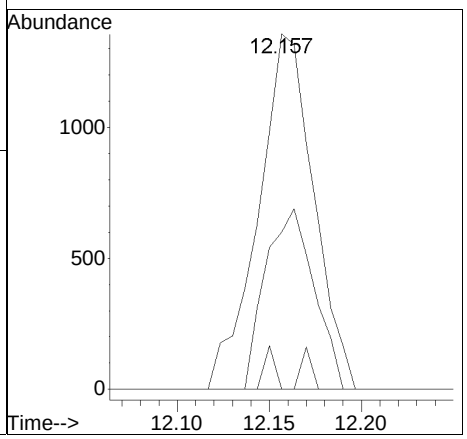


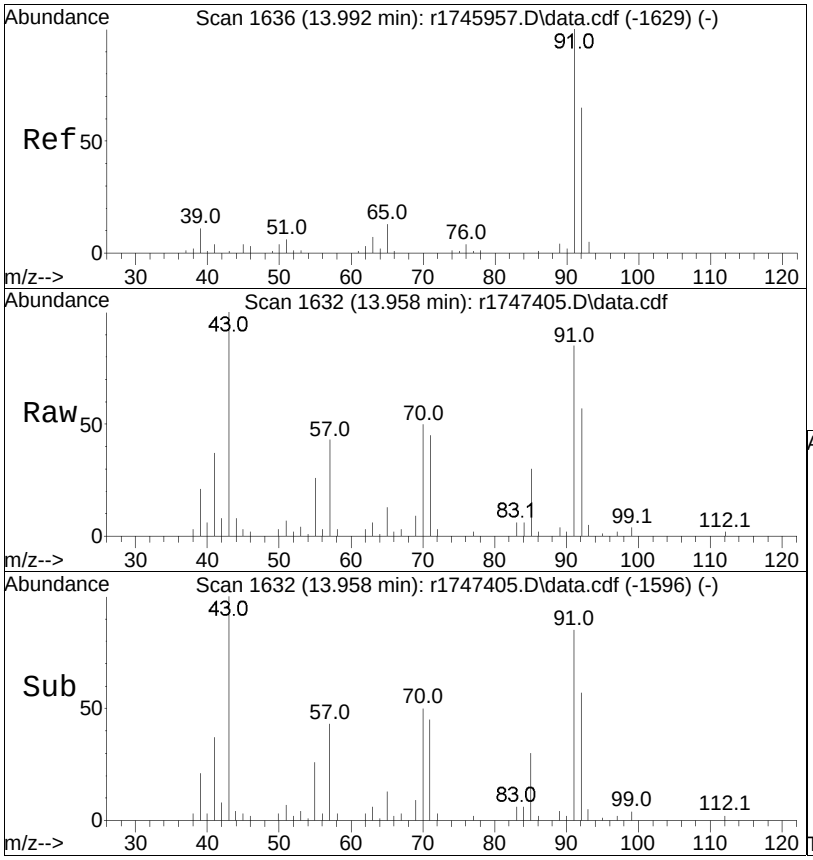


#62
heptane
Concen: 0.09 ppbV
RT: 12.157 min Scan# 1407
Delta R.T. -0.040 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 43 Resp: 2842

Ion	Ratio	Lower	Upper
43	100		
57	44.2	31.1	46.7
100	0.0	11.4	17.2#

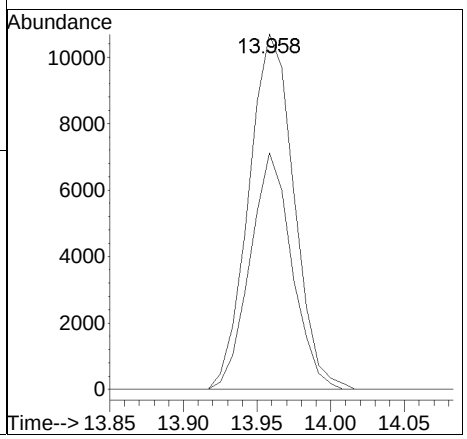


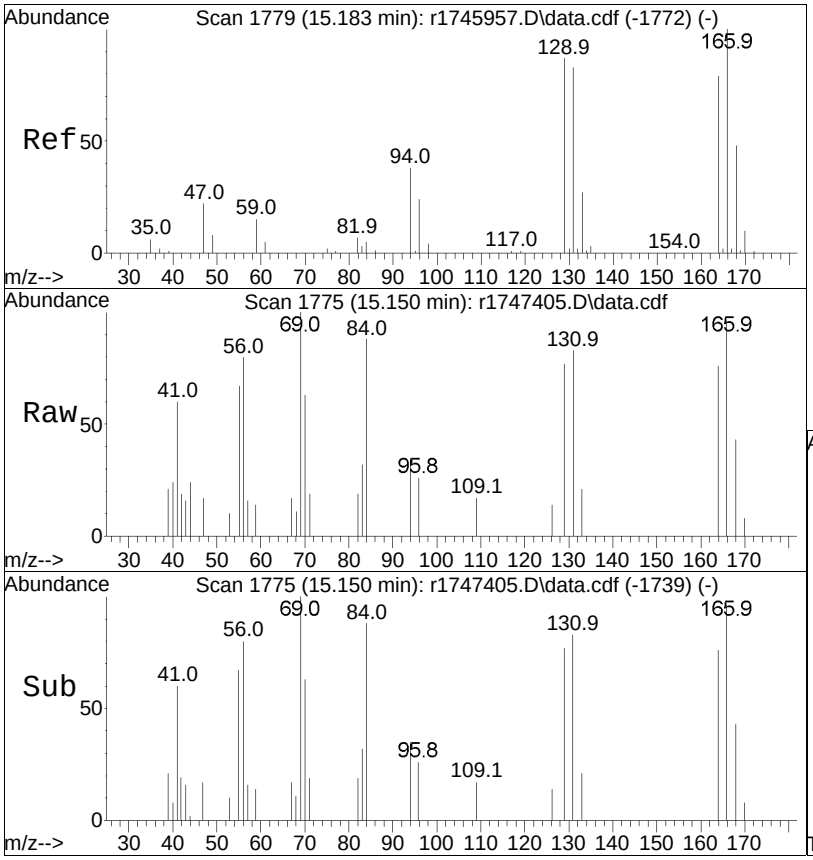


#68
toluene
Concen: 0.37 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. -0.033 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 91 Resp: 22856

Ion	Ratio	Lower	Upper
91	100		
92	66.6	51.7	77.5

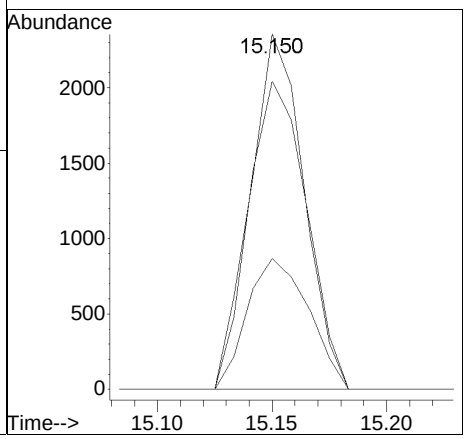


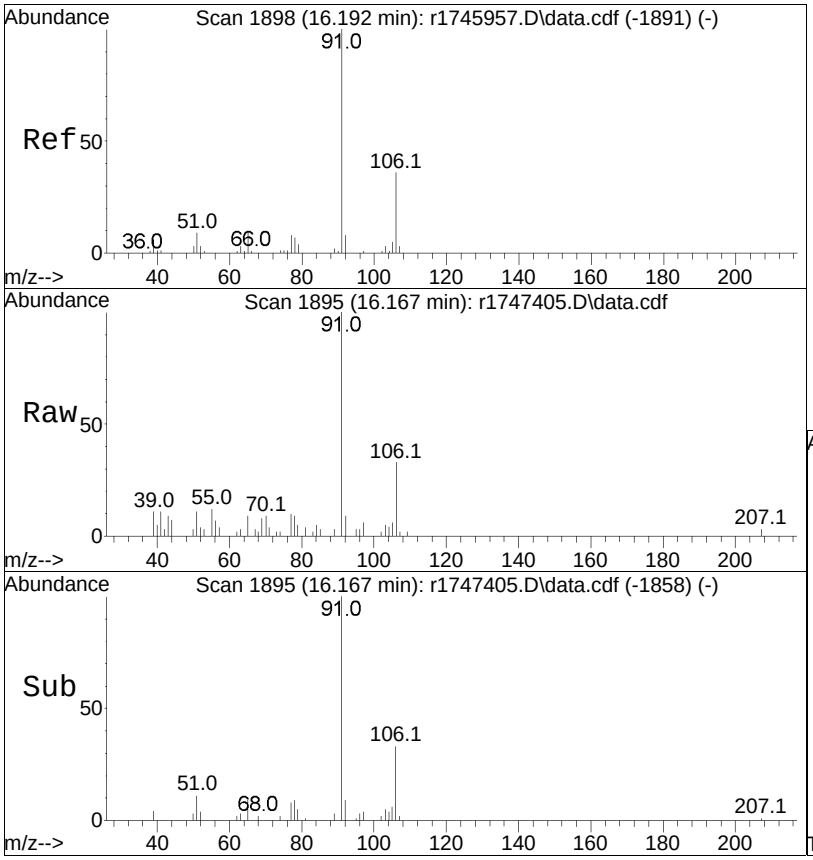


#78
tetrachloroethene
Concen: 0.15 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. -0.033 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:166 Resp: 3857

Ion	Ratio	Lower	Upper
166	100		
131	86.7	66.4	99.6
94	36.8	30.1	45.1

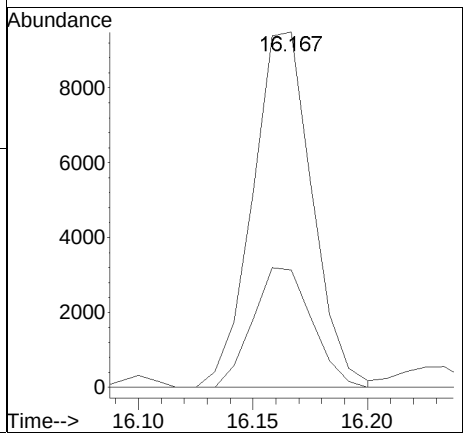


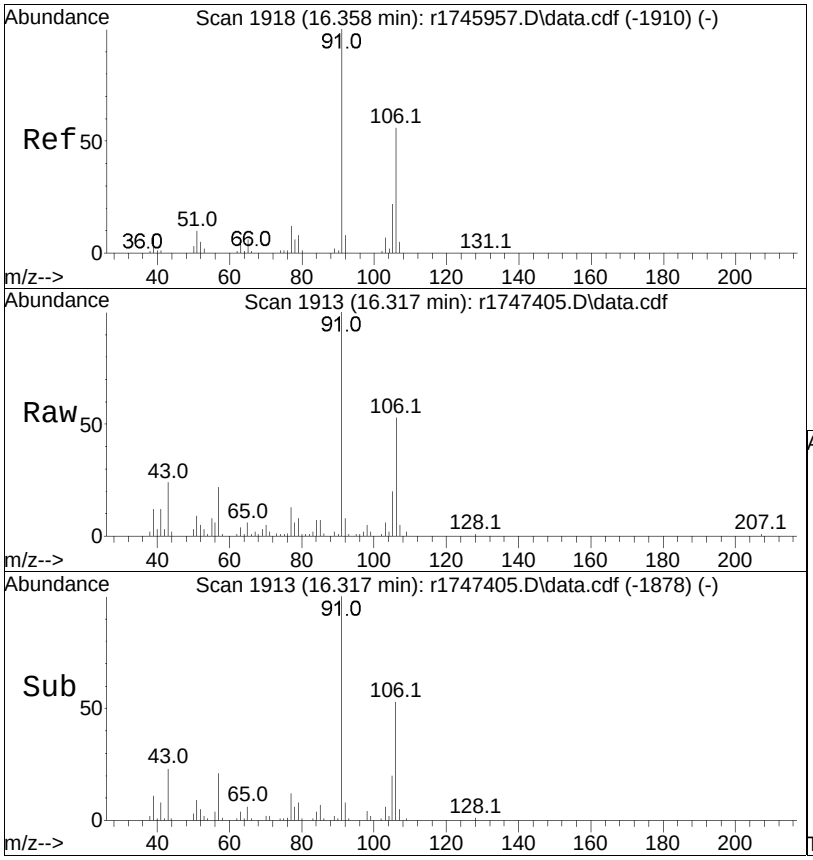


#81
ethylbenzene
Concen: 0.22 ppbV
RT: 16.167 min Scan# 1895
Delta R.T. -0.025 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 91 Resp: 17186

Ion	Ratio	Lower	Upper
91	100		
106	33.1	28.5	42.7

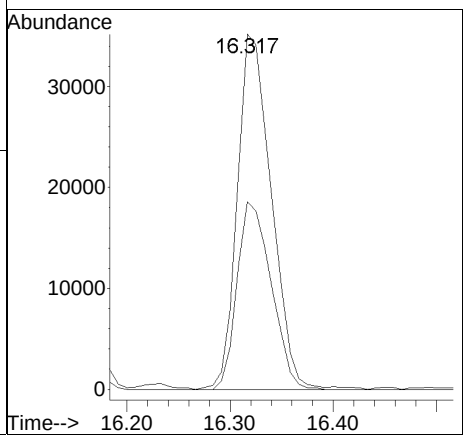


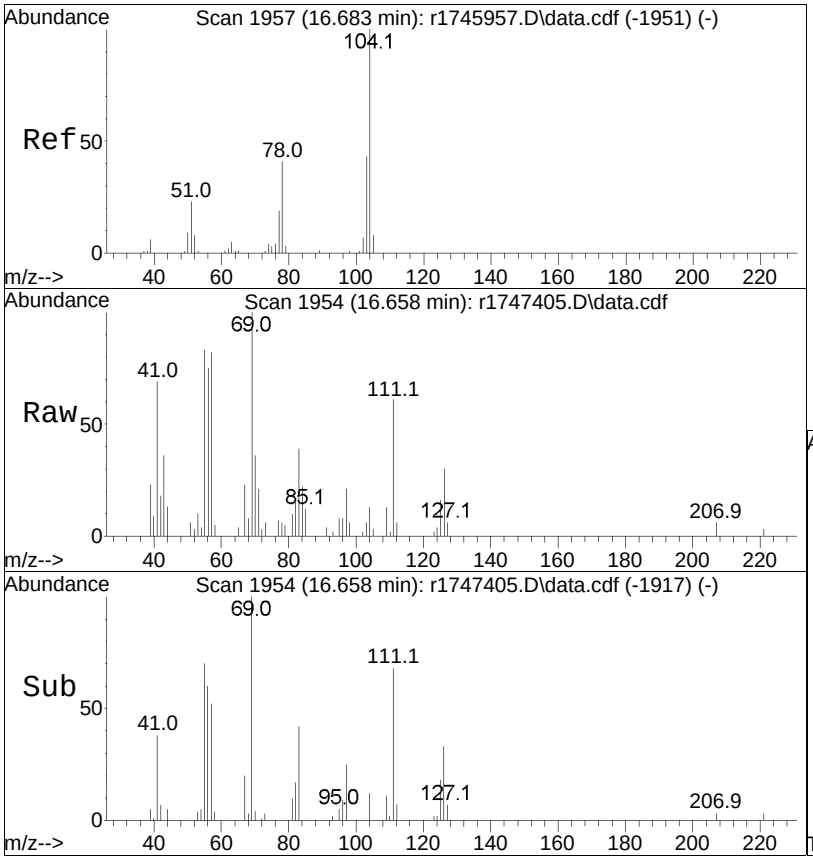


#83
m+p-xylene
Concen: 1.29 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. -0.042 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 91 Resp: 80854

Ion	Ratio	Lower	Upper
91	100		
106	52.8	44.7	67.1

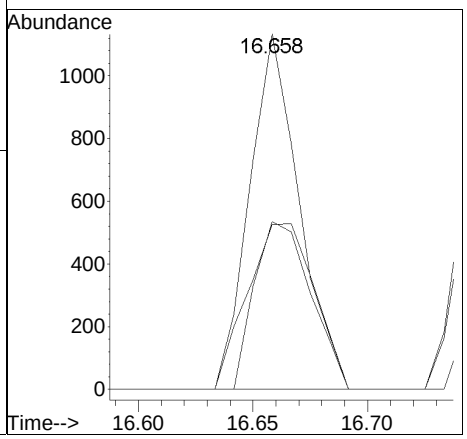


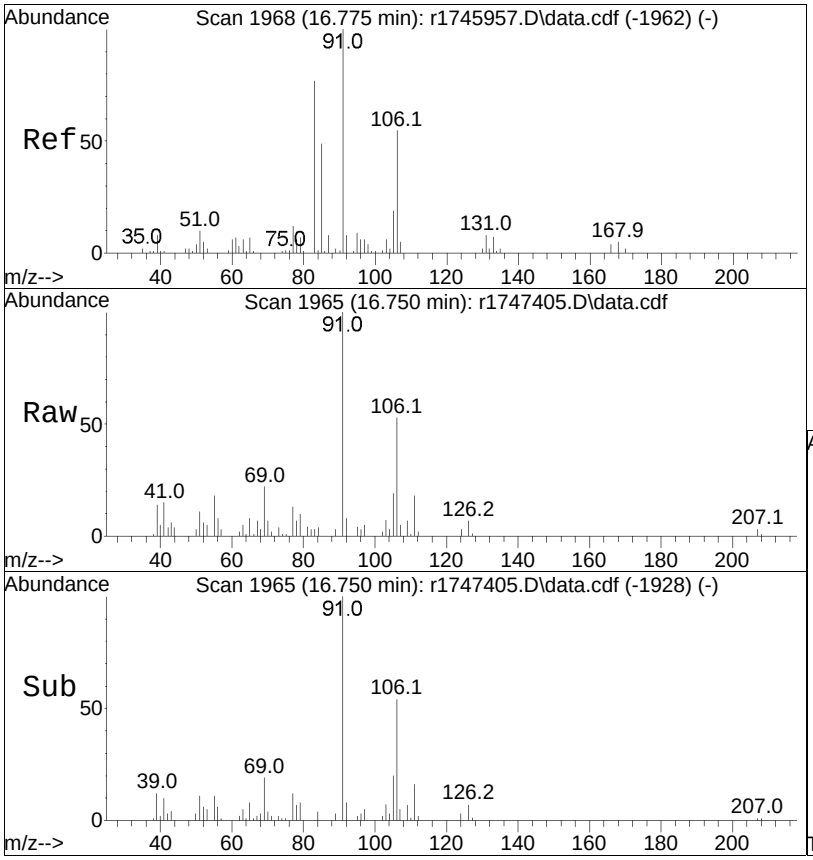


#85
styrene
Concen: 0.03 ppbV
RT: 16.658 min Scan# 1954
Delta R.T. -0.025 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:104 Resp: 1708

Ion	Ratio	Lower	Upper
104	100		
103	46.4	34.1	51.1
78	47.2	32.7	49.1

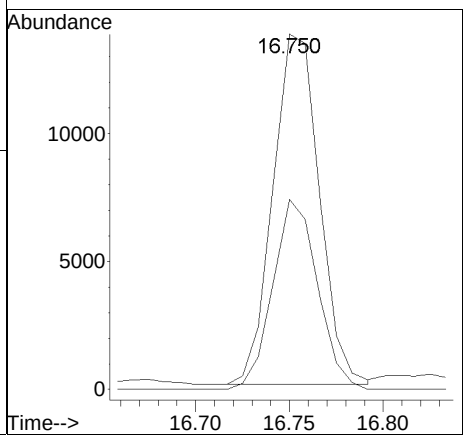


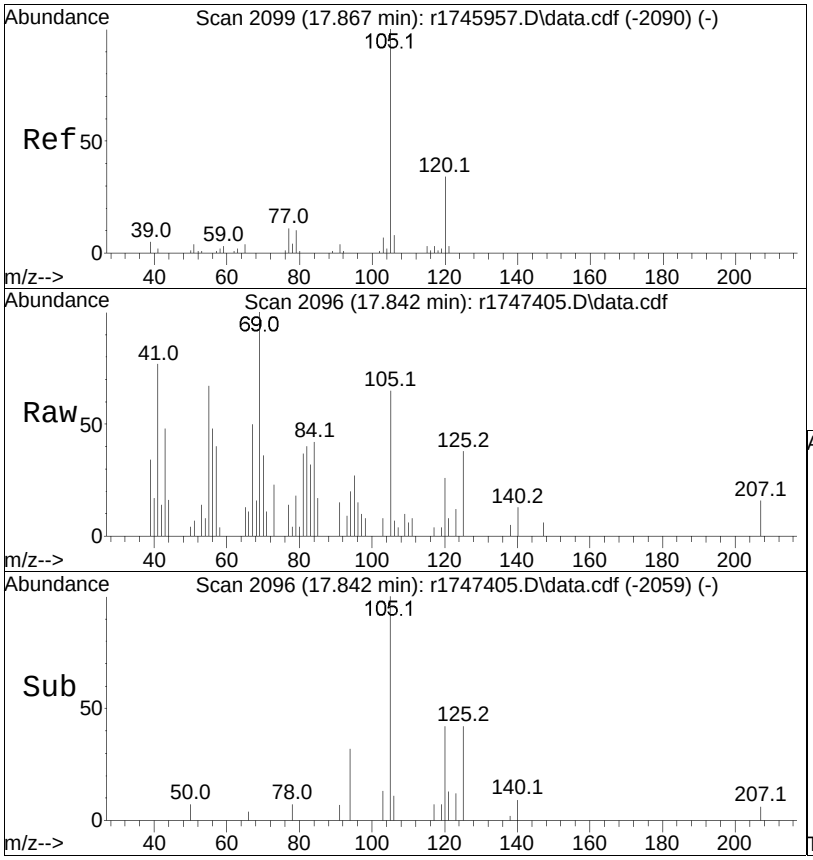


#87
o-xylene
Concen: 0.38 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. -0.025 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion: 91 Resp: 23641

Ion	Ratio	Lower	Upper
91	100		
106	53.5	43.9	65.9

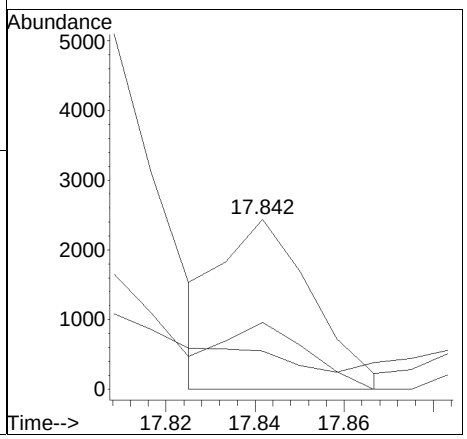


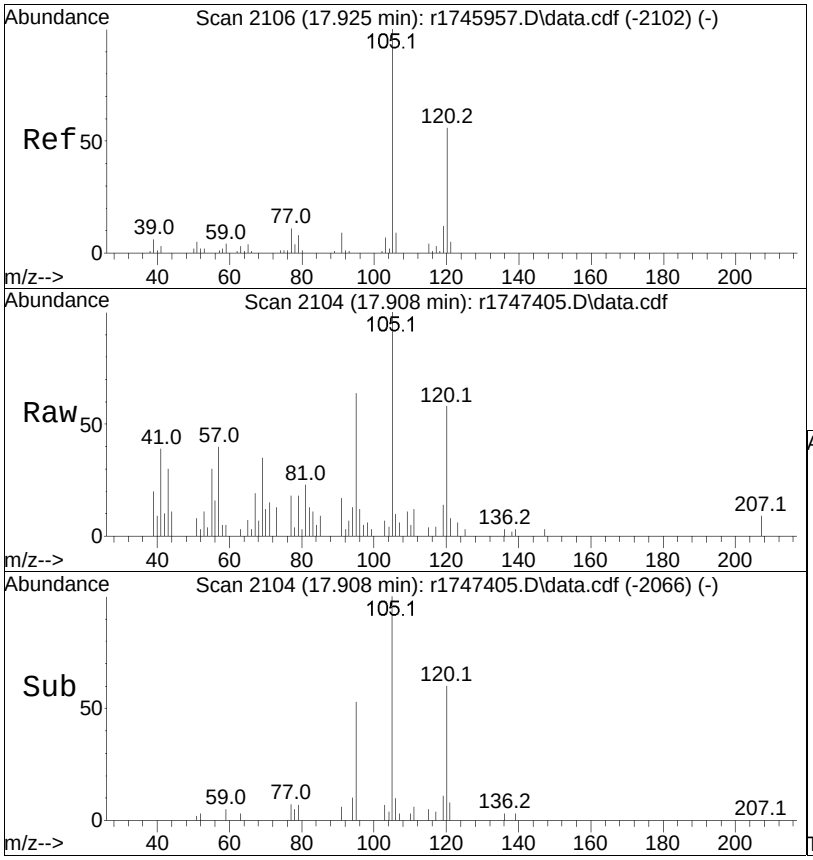


#96
4-ethyl toluene
Concen: 0.04 ppbV m
RT: 17.842 min Scan# 2096
Delta R.T. -0.025 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:105 Resp: 3459

Ion	Ratio	Lower	Upper
105	100		
120	39.4	26.9	40.3
91	22.6	7.8	11.6#

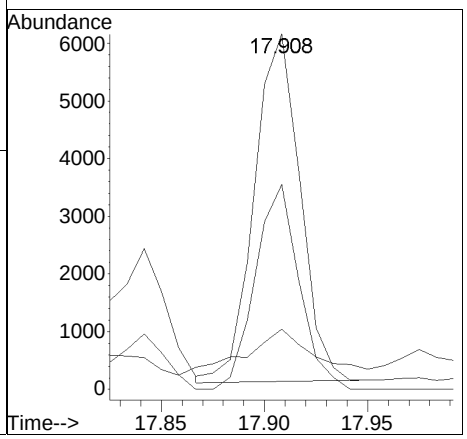


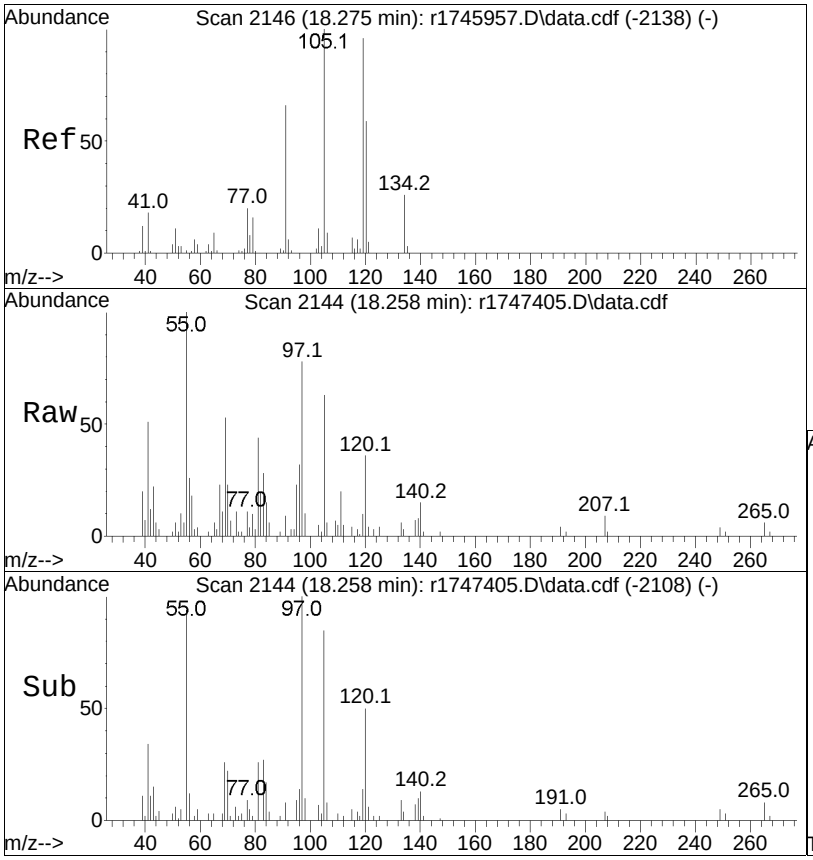


#97
1,3,5-trimethylbenzene
Concen: 0.13 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. -0.017 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:105 Resp: 9299

Ion	Ratio	Lower	Upper
105	100		
120	57.7	44.6	66.8
91	17.0	7.4	11.0#

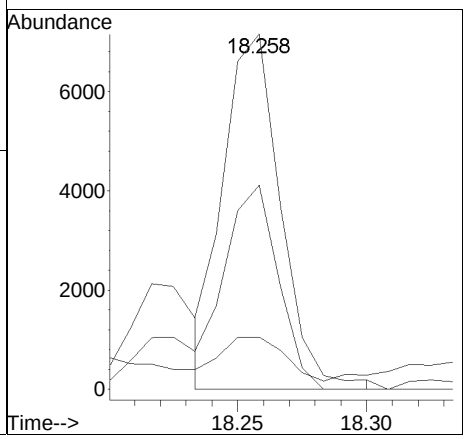




#99
1,2,4-trimethylbenzene
Concen: 0.16 ppbV m
RT: 18.258 min Scan# 2144
Delta R.T. -0.017 min
Lab File: r1747405.D
Acq: 4 Mar 2025 12:56 AM

Tgt Ion:105 Resp: 11126

Ion	Ratio	Lower	Upper
105	100		
120	57.5	47.1	70.7
91	14.7	53.0	79.4#

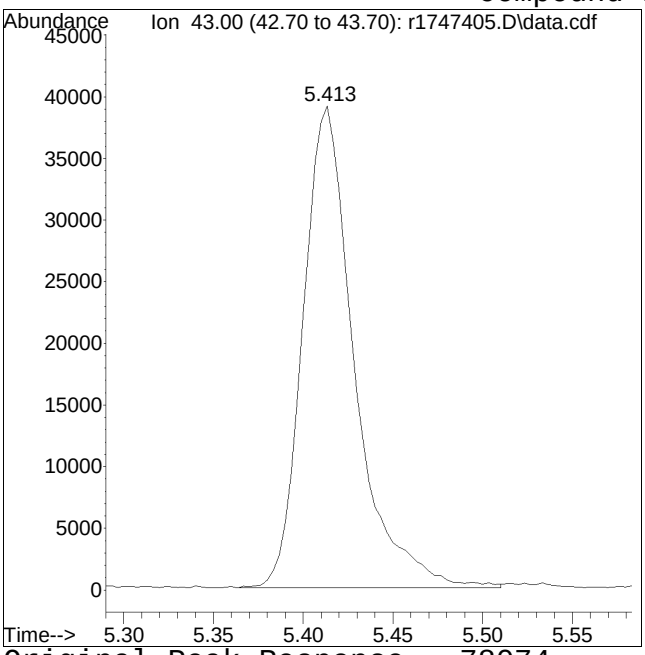


Manual Integration Report

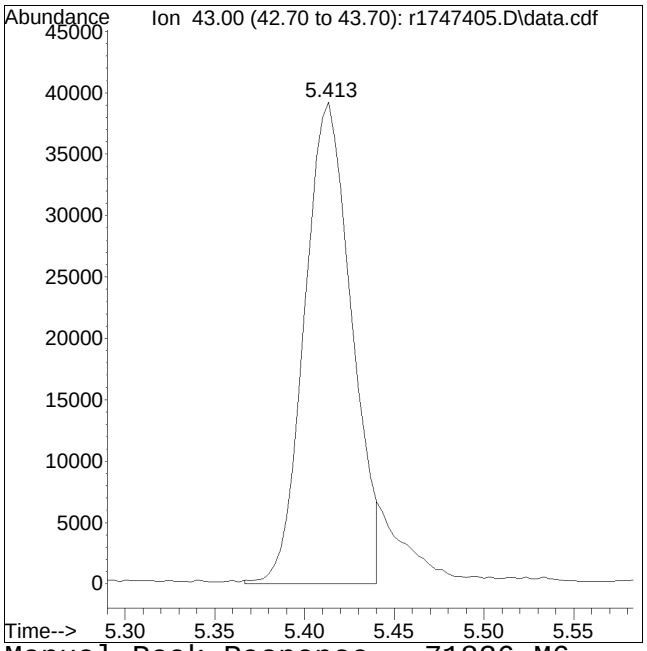
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747405.D
Date Inj'd : 3/4/2025 12:56 AM
Sample : L2508885-01D,3,95.44,250

Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:32 am

Compound #19: acetone



Original Peak Response = 78074



Manual Peak Response = 71836 M6

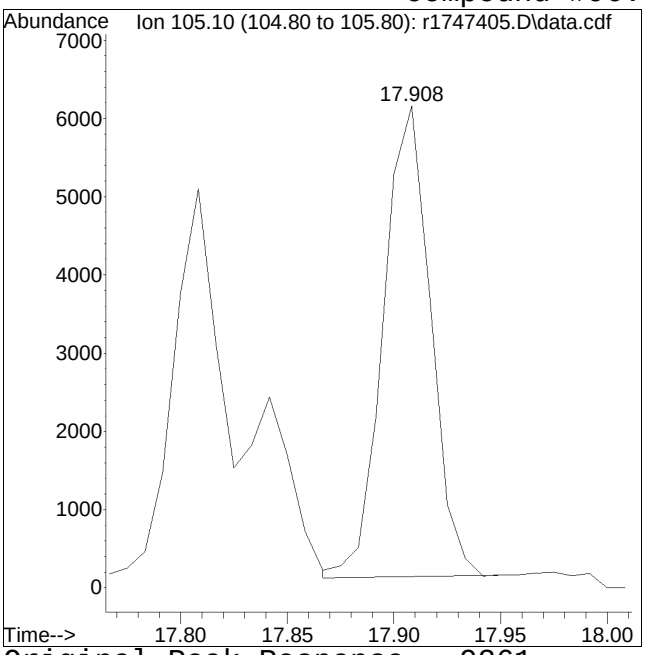
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

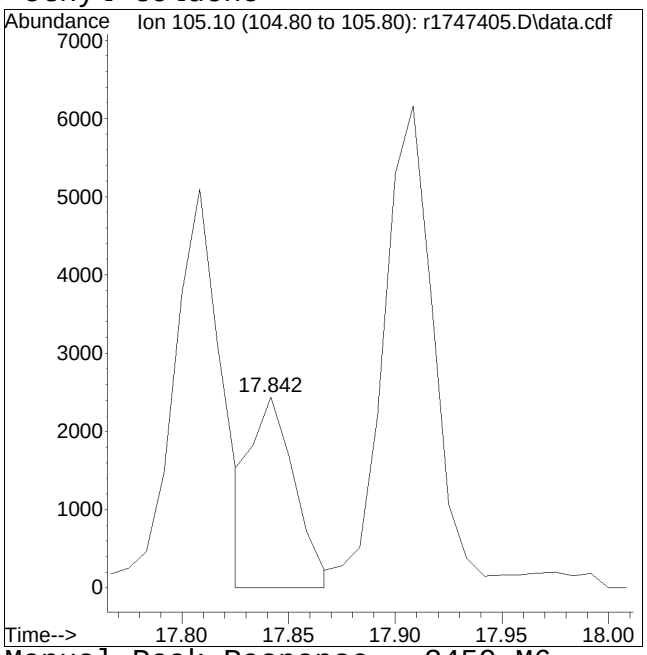
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747405.D
Date Inj'd : 3/4/2025 12:56 AM
Sample : L2508885-01D,3,95.44,250

Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:32 am

Compound #96: 4-ethyl toluene



Original Peak Response = 9261



Manual Peak Response = 3459 M6

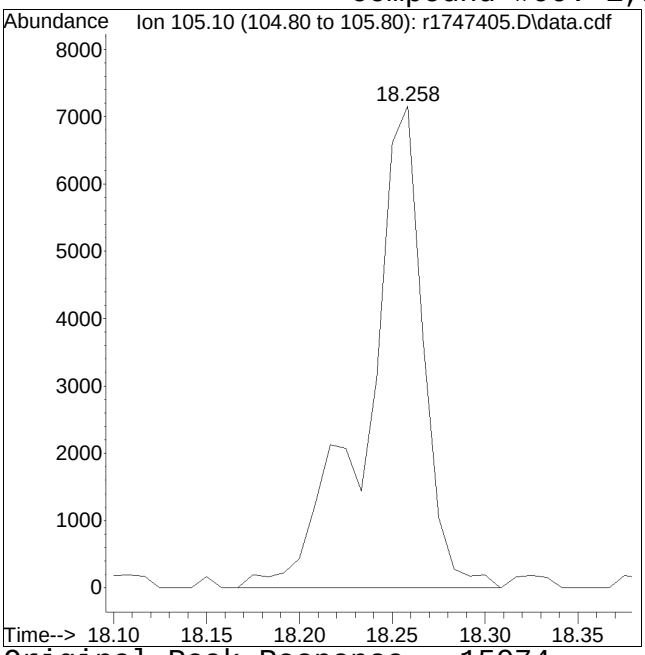
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

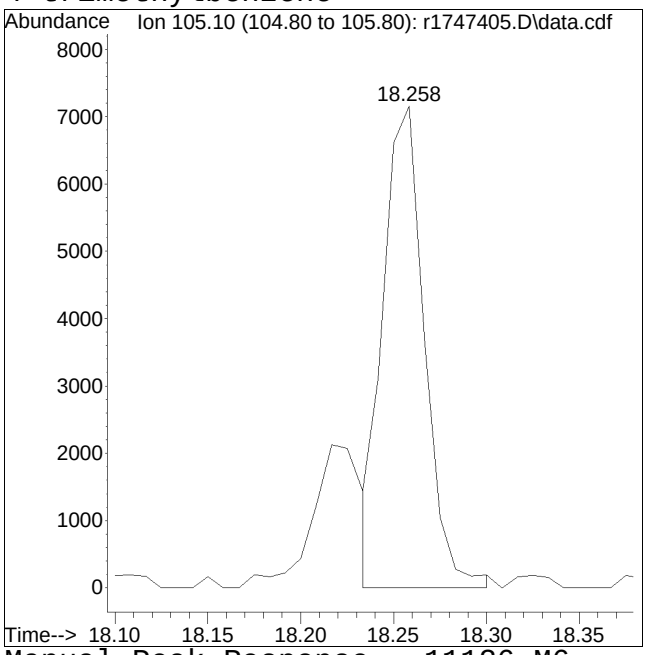
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747405.D
Date Inj'd : 3/4/2025 12:56 AM
Sample : L2508885-01D,3,95.44,250

Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:32 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 15074



Manual Peak Response = 11126 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747406.D
Acq On : 4 Mar 2025 1:31 AM
Operator : AIRLAB17:TPH
Sample : L2508885-02D,3,35.85,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:55 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.783	49	252715	10.000	ppbV	-0.03
Standard Area = 252892			Recovery = 99.93%			
43) 1,4-difluorobenzene	10.990	114	702922	10.000	ppbV	-0.04
Standard Area = 698345			Recovery = 100.66%			
67) chlorobenzene-D5	15.767	54	111597	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 113.73%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.856	85	2275	0.090	ppbV	99
6) chloromethane	4.012	50	926	0.068	ppbV	94
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	4.228		0	N.D.		
10) 1,3-butadiene	4.324		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.924	31	21257	2.236	ppbV #	85
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.433	43	29370	1.513	ppbV #	93
21) trichlorofluoromethane	5.610	101	1045	0.047	ppbV	97
22) isopropyl alcohol	5.690	45	27122	1.106	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	6.342		0	N.D.		
28) methylene chloride	6.420	49	1900	0.107	ppbV	89
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	0.000		0	N.D.	d	
31) Freon 113	6.714		0	N.D.		
32) trans-1,2-dichloroethene	7.450	61	3602	0.196	ppbV	90
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	8.600	61	146667	8.451	ppbV	90
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	8.933	83	10628	0.442	ppbV	94
40) Tetrahydrofuran	9.400		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.858	57	7571	0.333	ppbV #	1

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747406.D
Acq On : 4 Mar 2025 1:31 AM
Operator : AIRLAB17:TPH
Sample : L2508885-02D,3,35.85,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:55 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	10.563	78	9448	0.191	ppbV	96
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	10.883	56	105302	4.351	ppbV	97
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	11.790	130	1769038	79.293	ppbV	99
60) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
62) heptane	12.163	43	7582	0.222	ppbV	90
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.	d	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	13.958	91	12029	0.189	ppbV	95
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.150	166	7847	0.302	ppbV	96
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.158	91	3168	0.039	ppbV	89
83) m+p-xylene	16.317	91	10933	0.170	ppbV	86
84) bromoform	0.000		0	N.D.		
85) styrene	16.658		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	16.750	91	8394	0.130	ppbV #	80
96) 4-ethyl toluene	17.842		0	N.D.		
97) 1,3,5-trimethylbenzene	17.908	105	35812	0.485	ppbV #	94
99) 1,2,4-trimethylbenzene	18.258	105	2938	0.040	ppbV	90
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	18.442		0	N.D.		
103) 1,4-dichlorobenzene	18.442		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747406.D
Acq On : 4 Mar 2025 1:31 AM
Operator : AIRLAB17:TPH
Sample : L2508885-02D,3,35.85,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:55 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

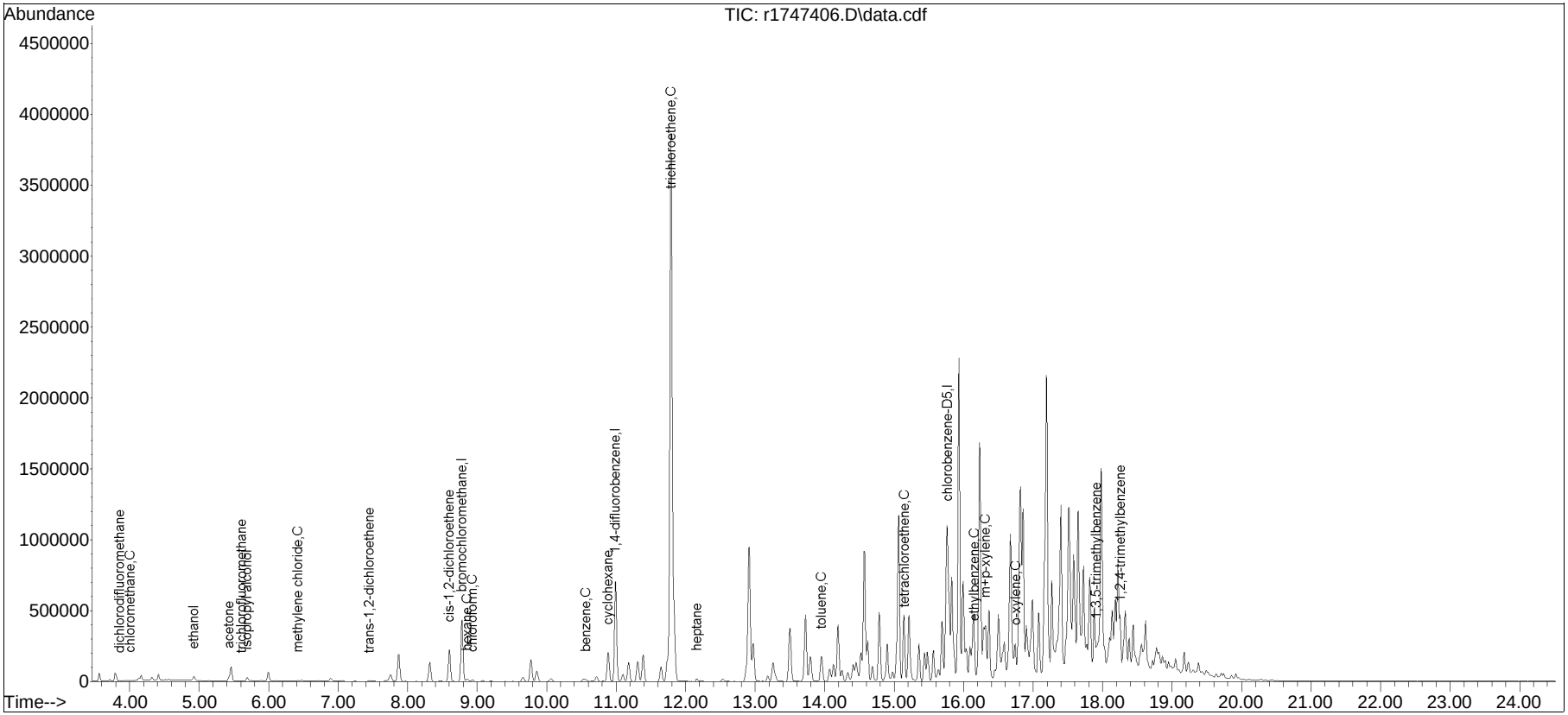
CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

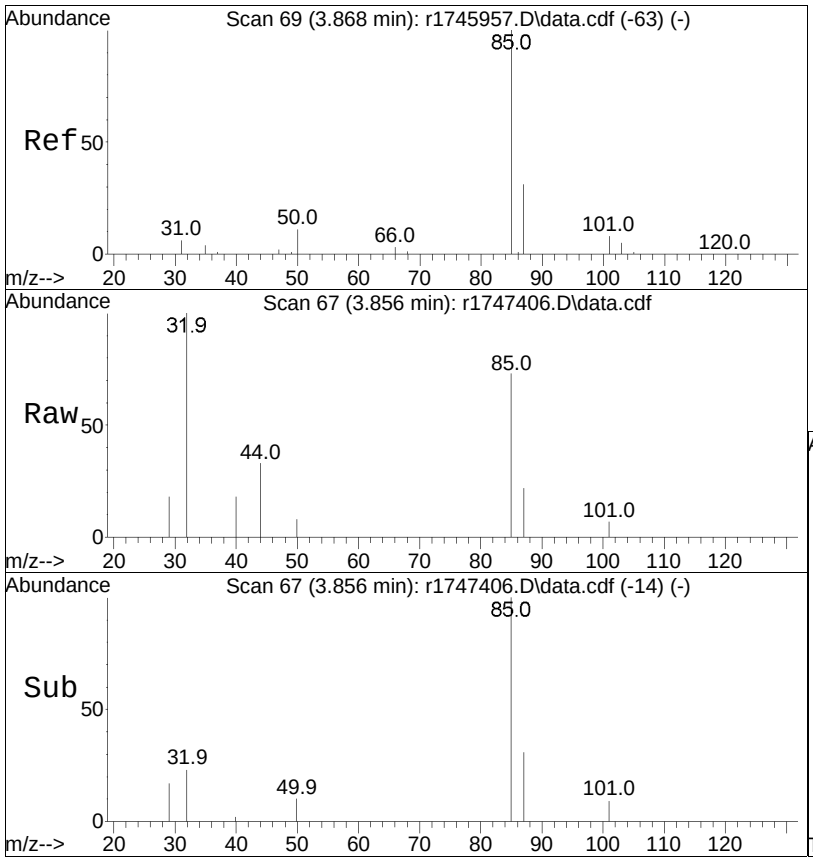
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\03\0303T\r1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747406.D
Acq On : 4 Mar 2025 1:31 AM
Operator : AIRLAB17:TPH
Sample : L2508885-02D,3,35.85,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:32:55 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

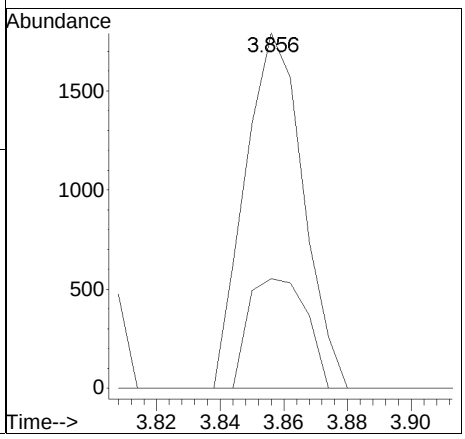


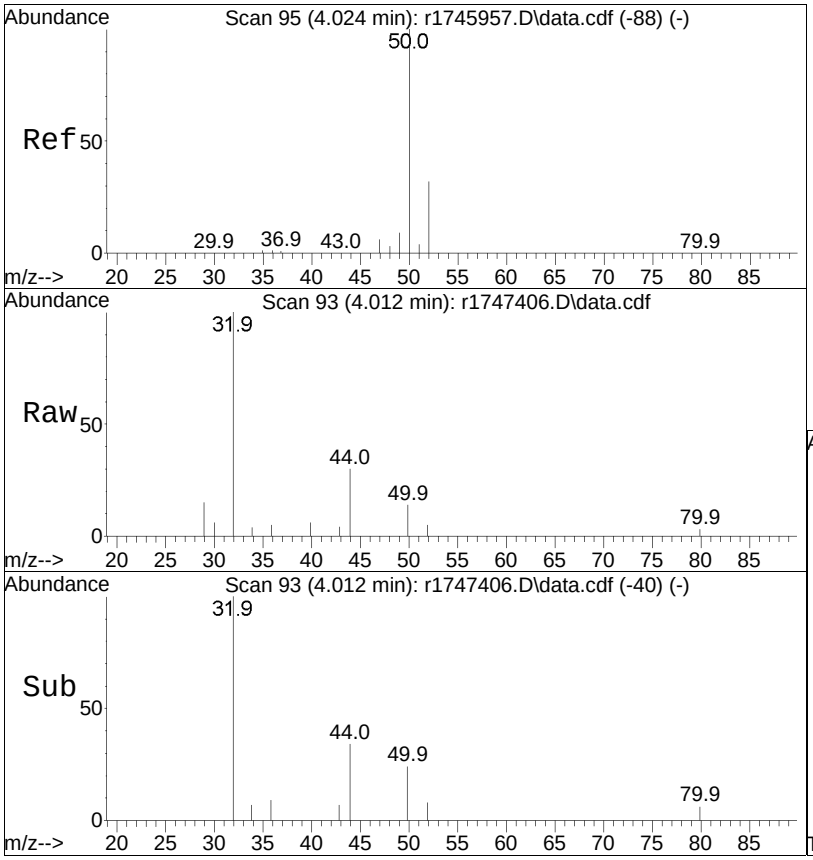


#5
dichlorodifluoromethane
Concen: 0.09 ppbV
RT: 3.856 min Scan# 67
Delta R.T. -0.012 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 85 Resp: 2275

Ion	Ratio	Lower	Upper
85	100		
87	30.9	25.2	37.8

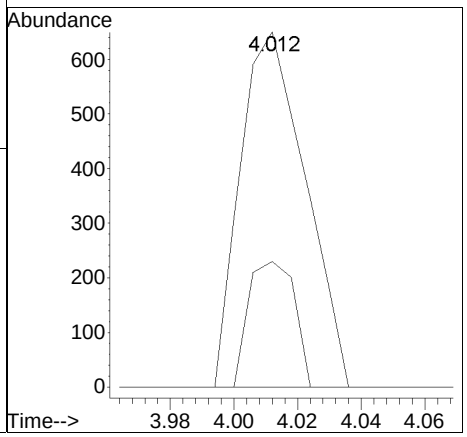


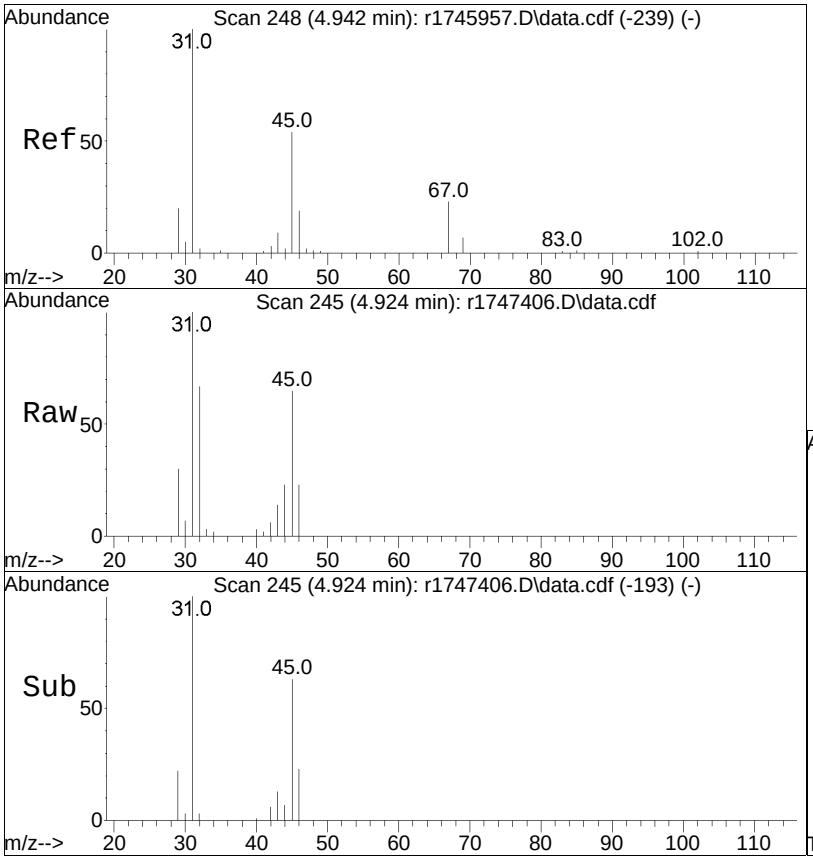


#6
chloromethane
Concen: 0.07 ppbV
RT: 4.012 min Scan# 93
Delta R.T. -0.012 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 50 Resp: 926

Ion	Ratio	Lower	Upper
50	100		
52	35.4	25.4	38.2

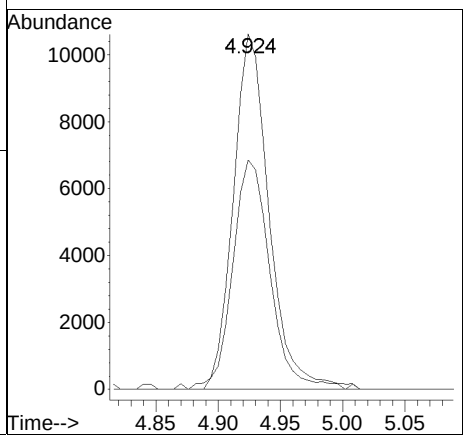


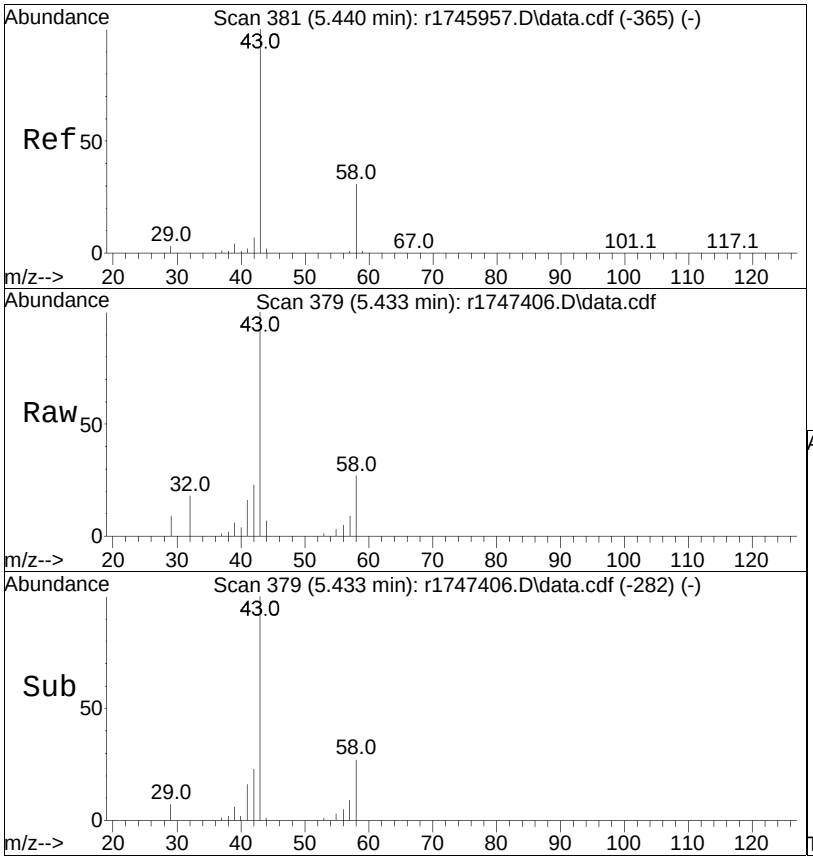


#15
ethanol
Concen: 2.24 ppbV
RT: 4.924 min Scan# 245
Delta R.T. -0.018 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 31 Resp: 21257

Ion	Ratio	Lower	Upper
31	100		
45	64.6	43.0	64.6#

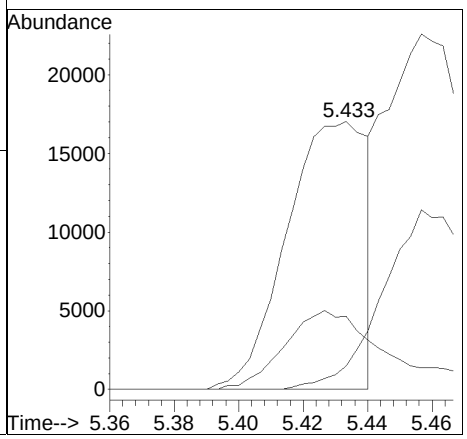


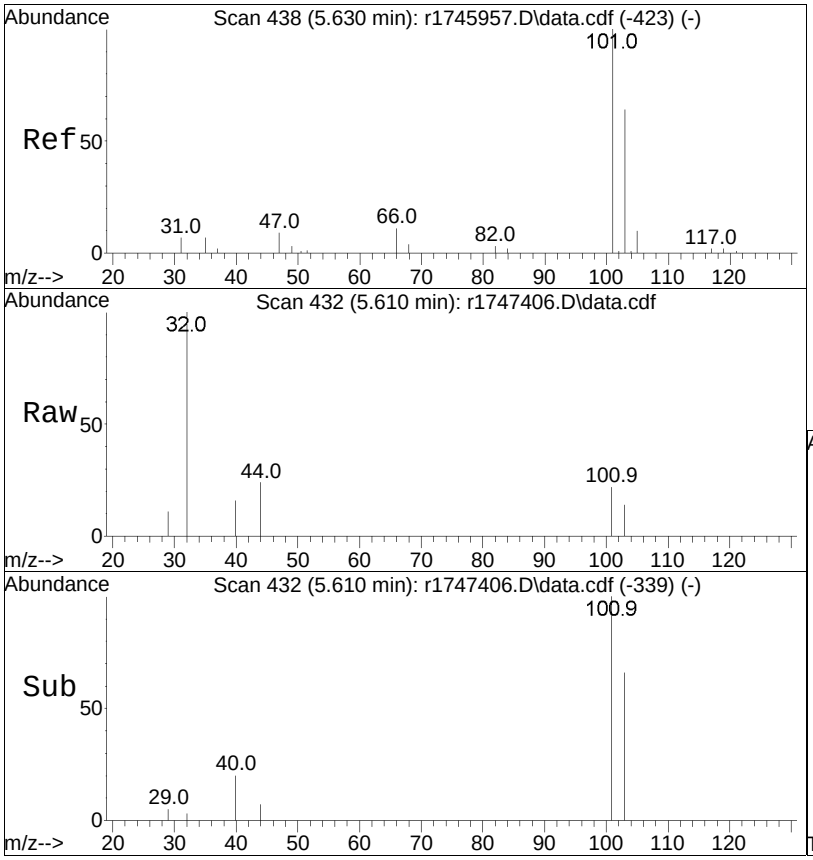


#19
acetone
Concen: 1.51 ppbV
RT: 5.433 min Scan# 379
Delta R.T. -0.007 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 43 Resp: 29370

Ion	Ratio	Lower	Upper
43	100		
58	27.3	24.7	37.1
57	8.8	0.6	0.8#

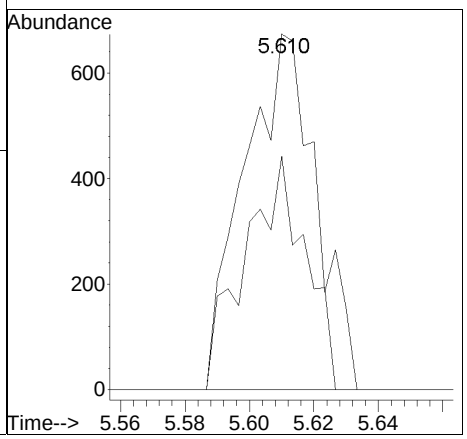


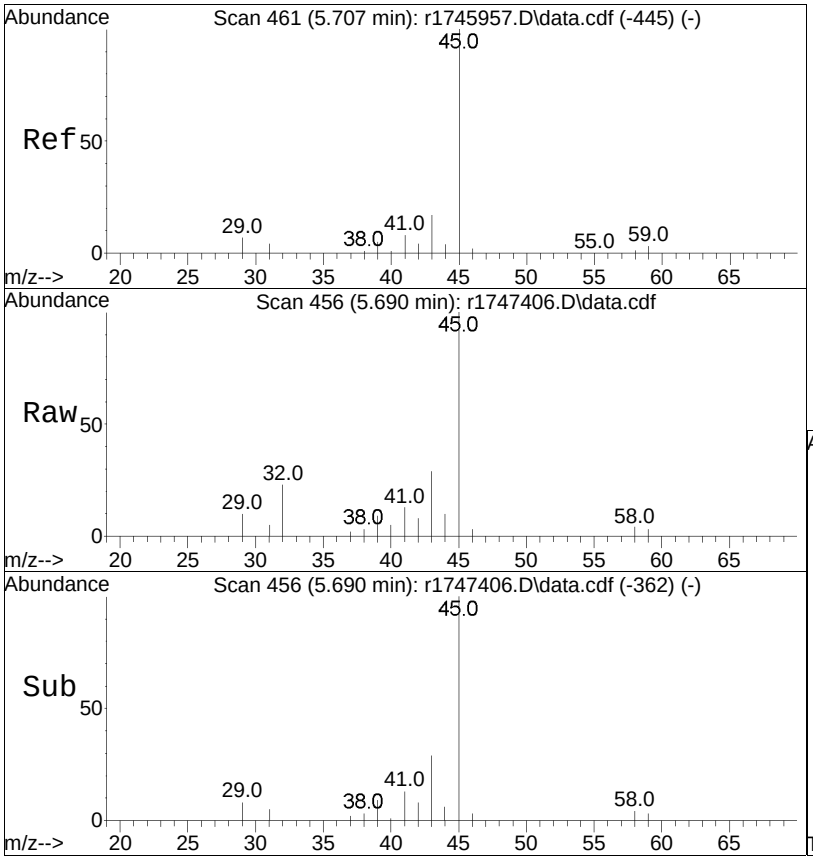


#21
trichlorofluoromethane
Concen: 0.05 ppbV
RT: 5.610 min Scan# 432
Delta R.T. -0.020 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion:101 Resp: 1045

Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.9	76.3

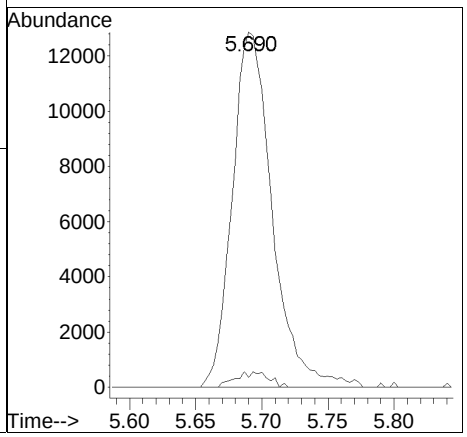


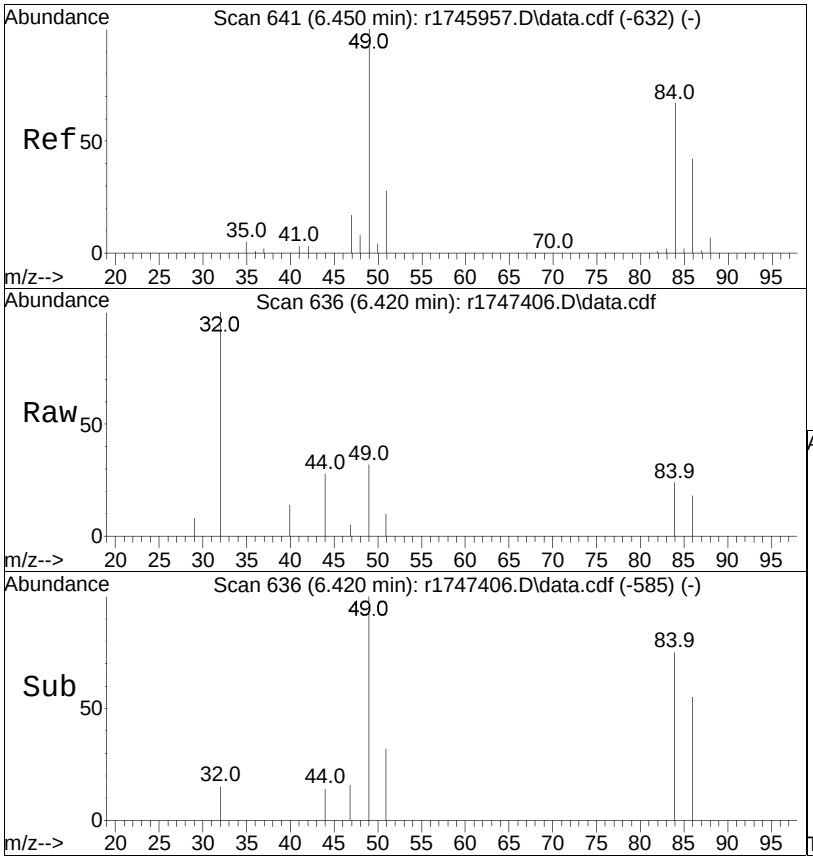


#22
isopropyl alcohol
Concen: 1.11 ppbV
RT: 5.690 min Scan# 456
Delta R.T. -0.017 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 45 Resp: 27122

Ion	Ratio	Lower	Upper
45	100		
59	2.8	2.6	4.0

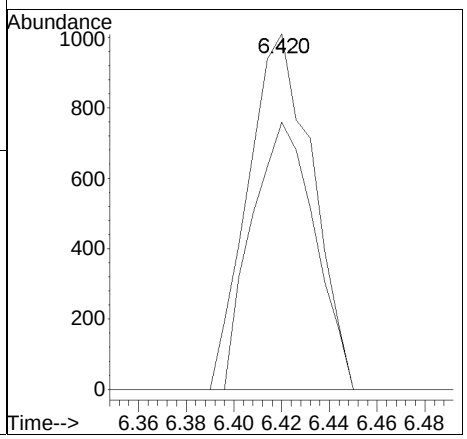


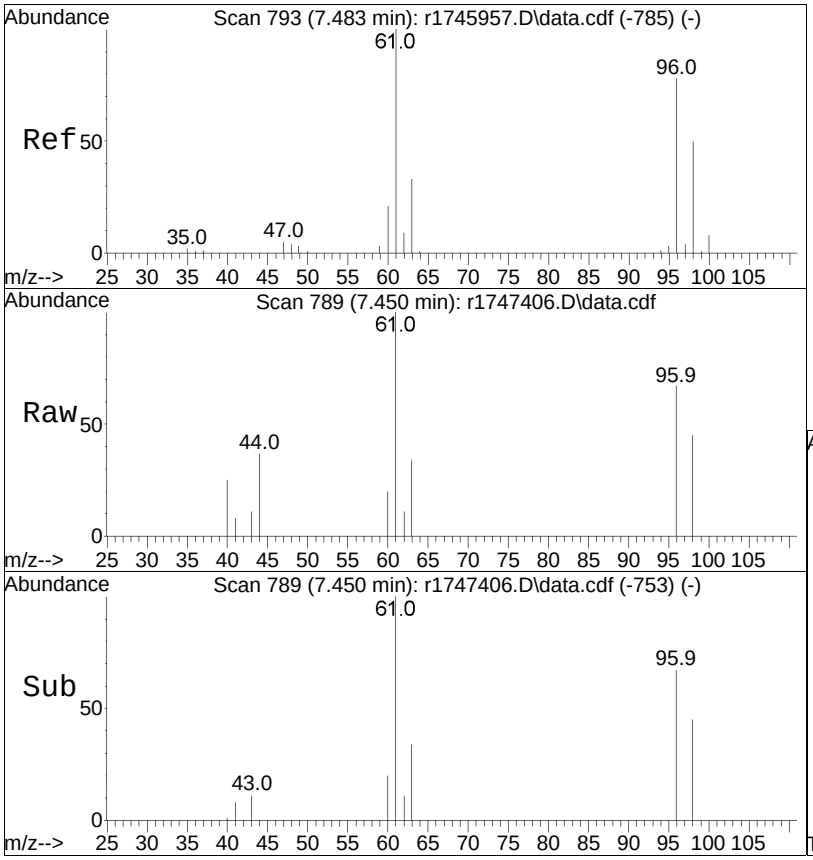


#28
methylene chloride
Concen: 0.11 ppbV
RT: 6.420 min Scan# 636
Delta R.T. -0.030 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 49 Resp: 1900

Ion	Ratio	Lower	Upper
49	100		
84	75.1	53.4	80.0

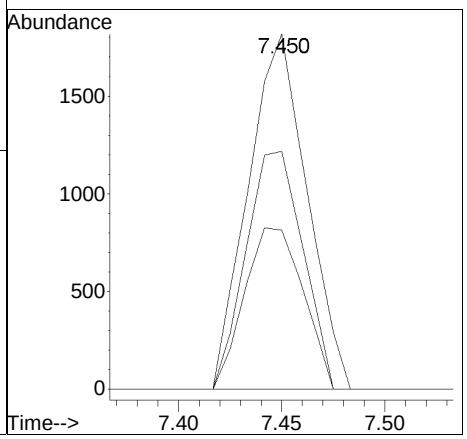


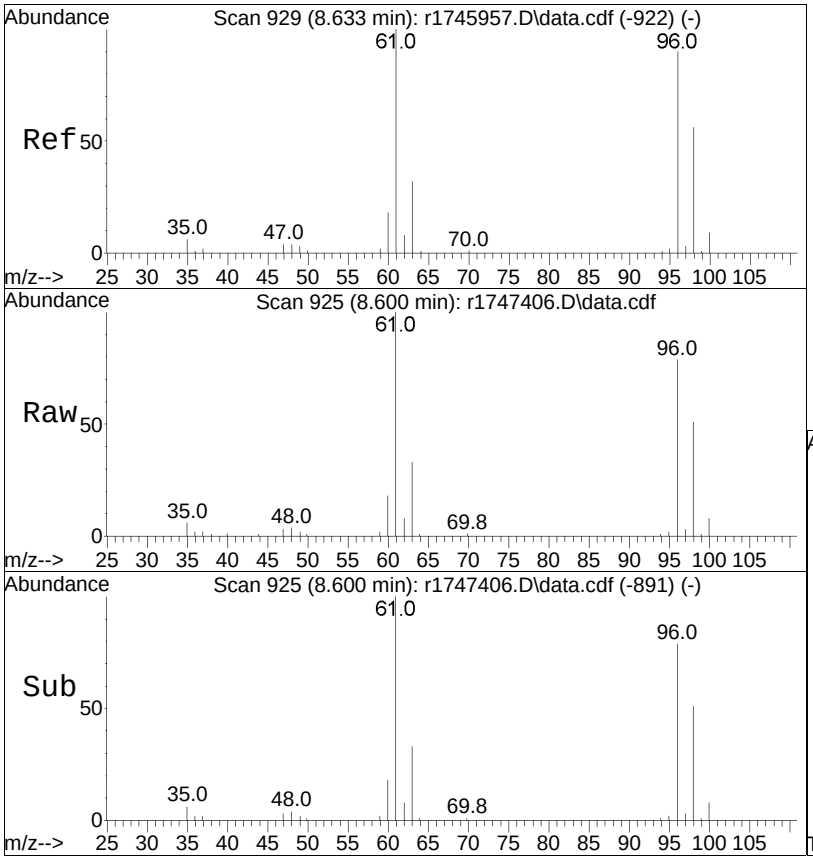


#32
trans-1,2-dichloroethene
Concen: 0.20 ppbV
RT: 7.450 min Scan# 789
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 61 Resp: 3602

Ion	Ratio	Lower	Upper
61	100		
96	67.0	62.1	93.1
98	44.8	40.0	60.0

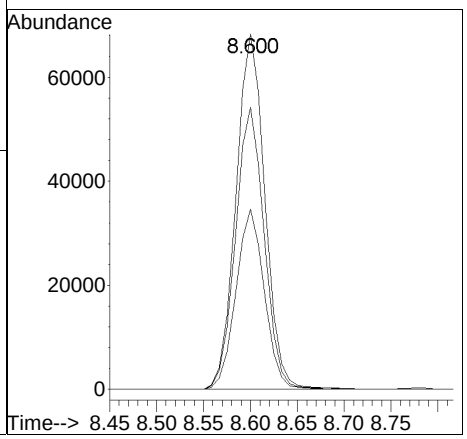


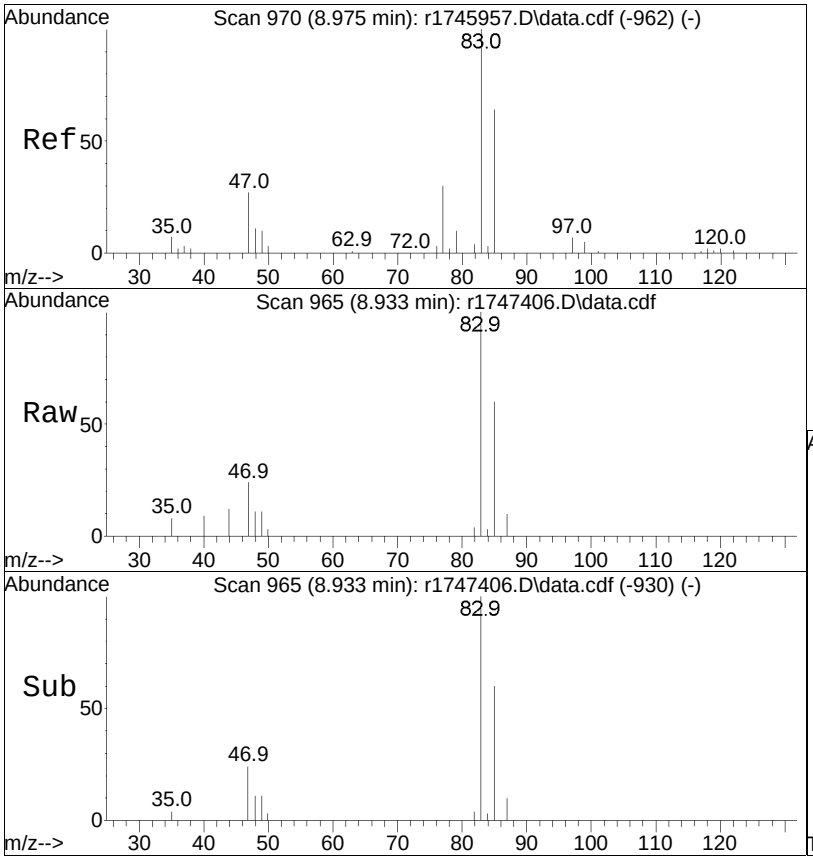


#37
cis-1,2-dichloroethene
Concen: 8.45 ppbV
RT: 8.600 min Scan# 925
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 61 Resp: 146667

Ion	Ratio	Lower	Upper
61	100		
96	79.4	71.6	107.4
98	50.7	45.1	67.7

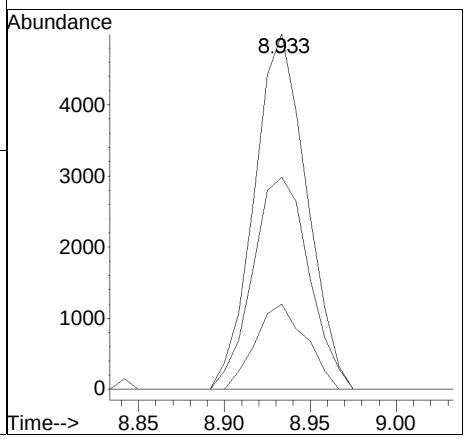


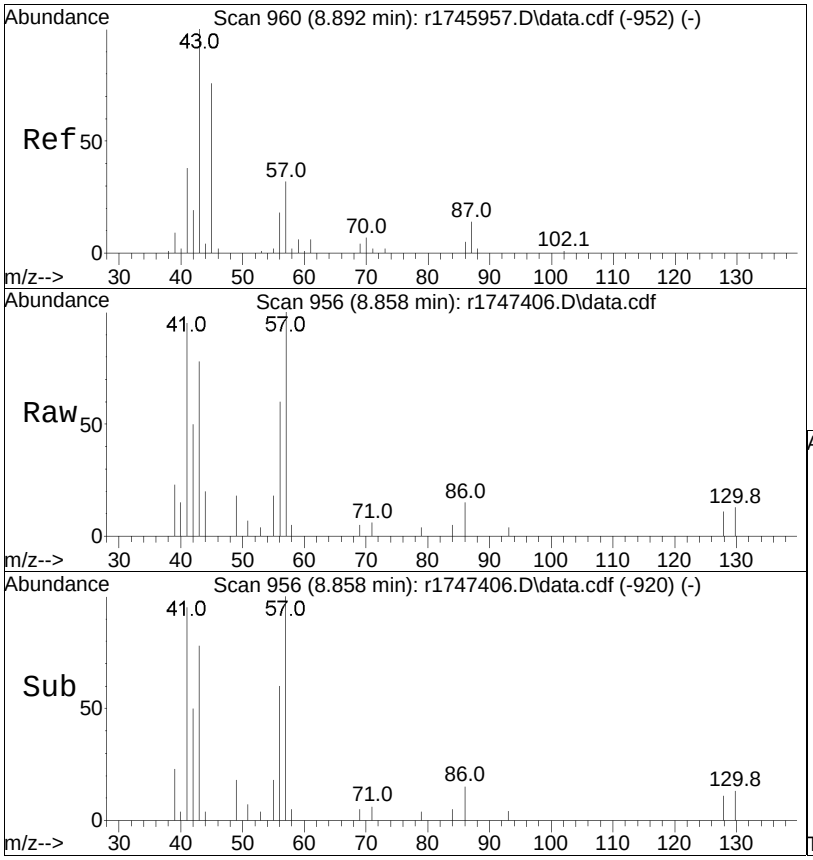


#39
chloroform
Concen: 0.44 ppbV
RT: 8.933 min Scan# 965
Delta R.T. -0.042 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 83 Resp: 10628

Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.6	77.4
47	24.0	21.4	32.2

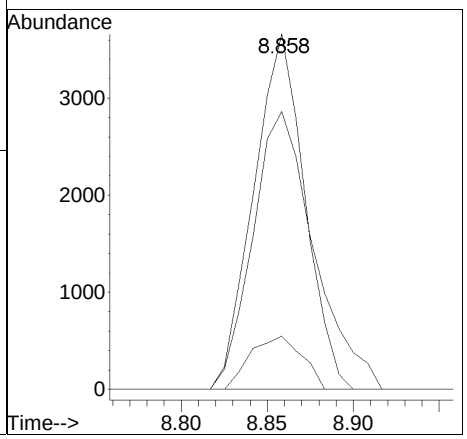


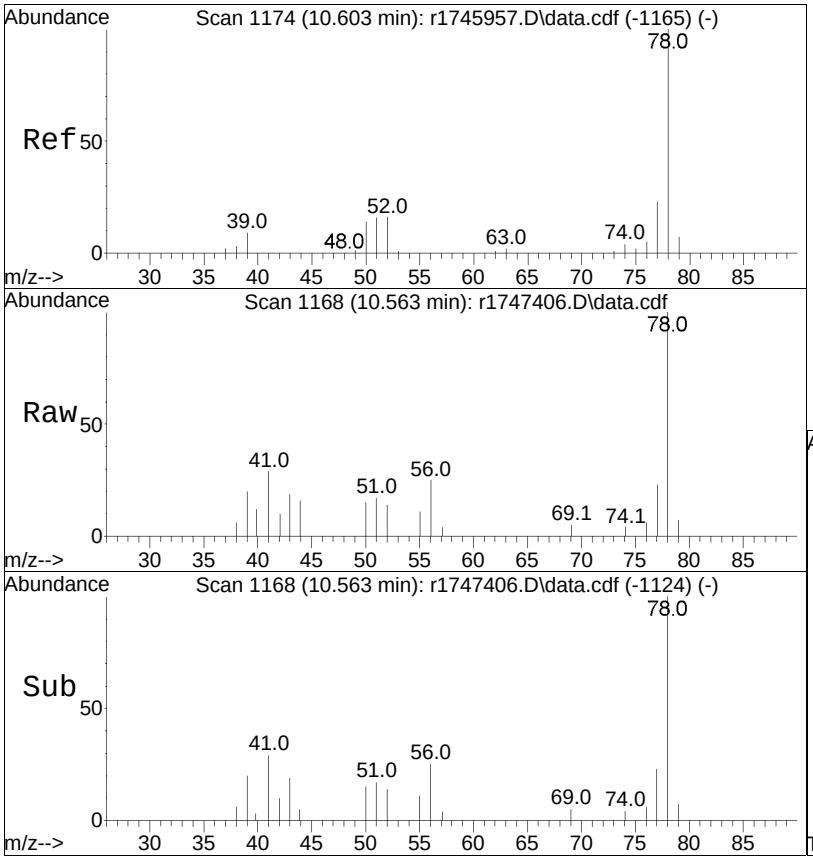


#44
hexane
Concen: 0.33 ppbV
RT: 8.858 min Scan# 956
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 57 Resp: 7571

Ion	Ratio	Lower	Upper
57	100		
43	78.2	247.4	371.0#
86	15.0	12.9	19.3

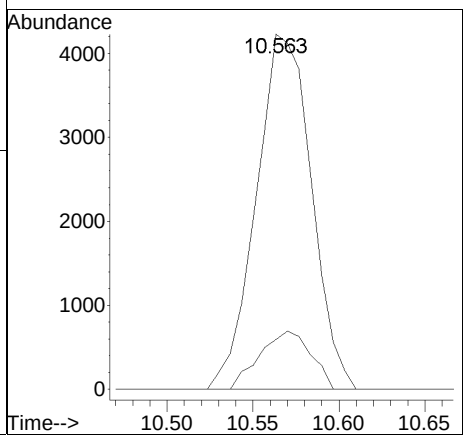


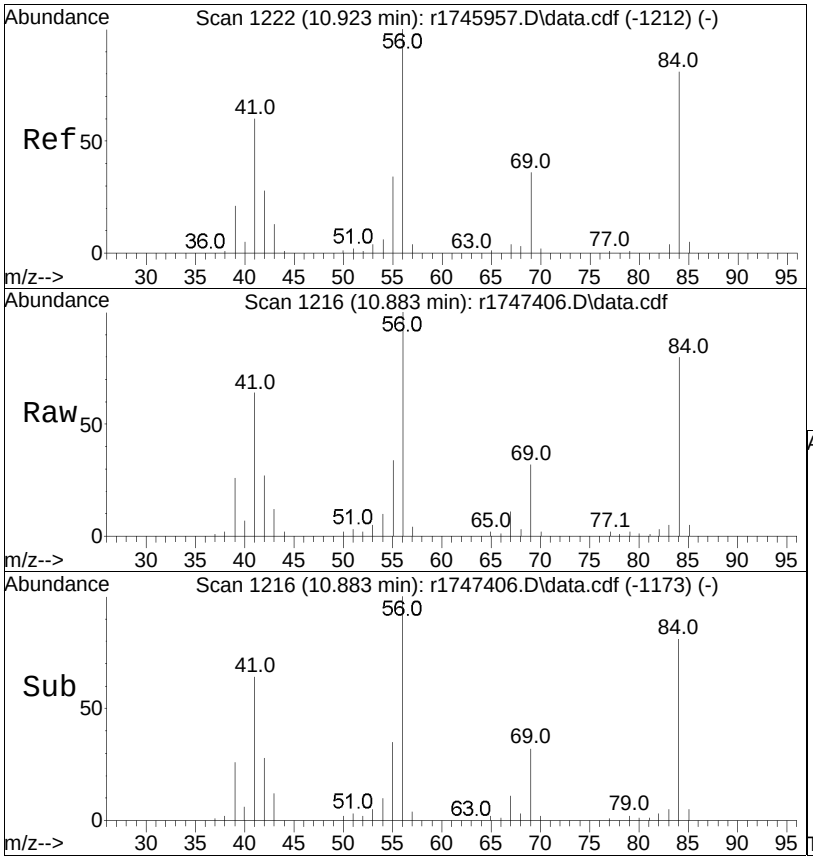


#50
benzene
Concen: 0.19 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. -0.040 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 78 Resp: 9448

Ion	Ratio	Lower	Upper
78	100		
52	14.0	12.5	18.7

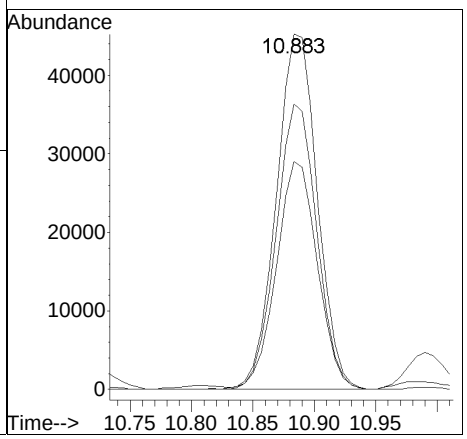


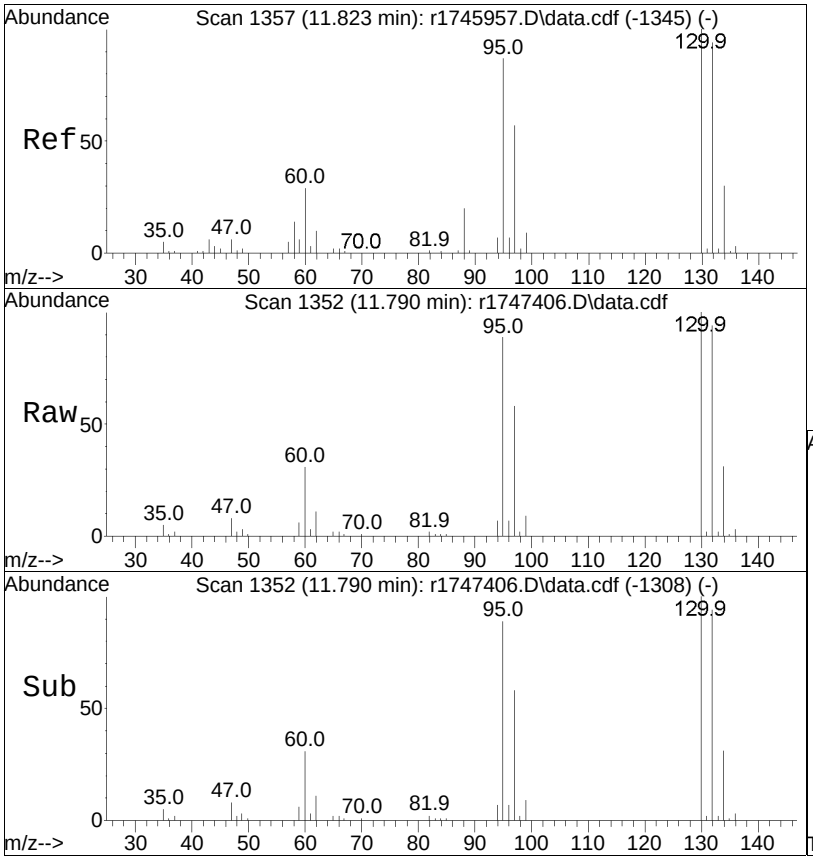


#53
cyclohexane
Concen: 4.35 ppbV
RT: 10.883 min Scan# 1216
Delta R.T. -0.040 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 56 Resp: 105302

Ion	Ratio	Lower	Upper
56	100		
84	80.3	65.4	98.0
41	64.1	48.2	72.4

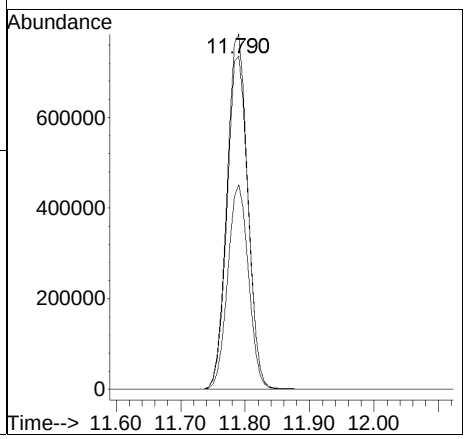


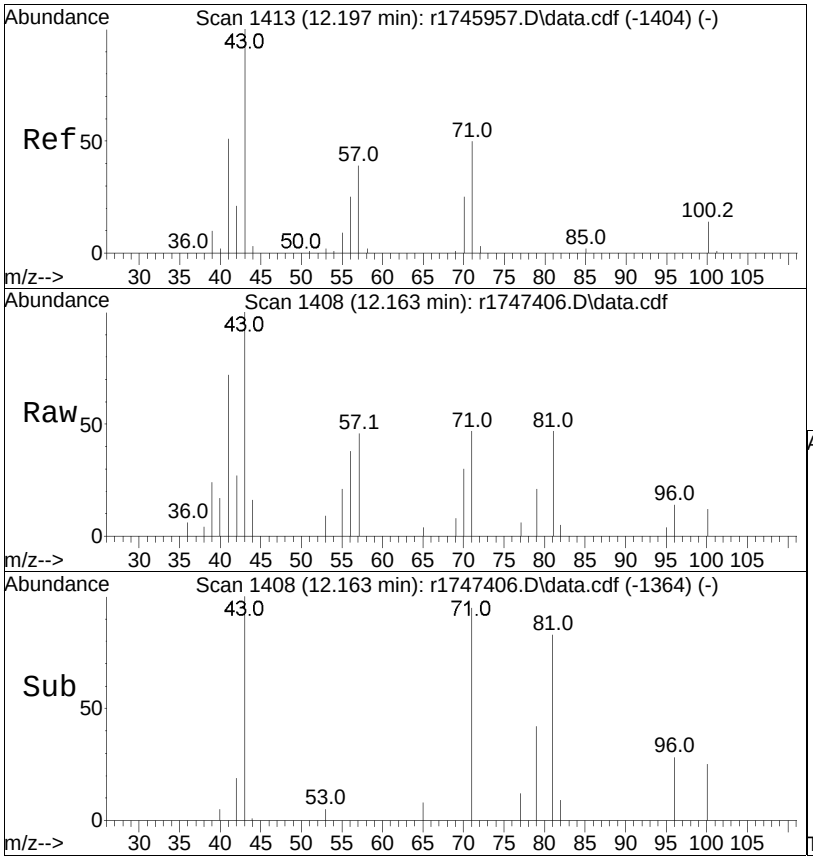


#59
trichloroethene
Concen: 79.29 ppbV
RT: 11.790 min Scan# 1352
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion:130 Resp: 1769038

Ion	Ratio	Lower	Upper
130	100		
132	93.8	75.5	113.3
97	57.7	45.9	68.9

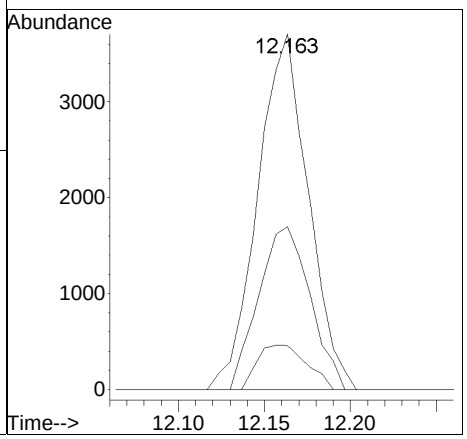


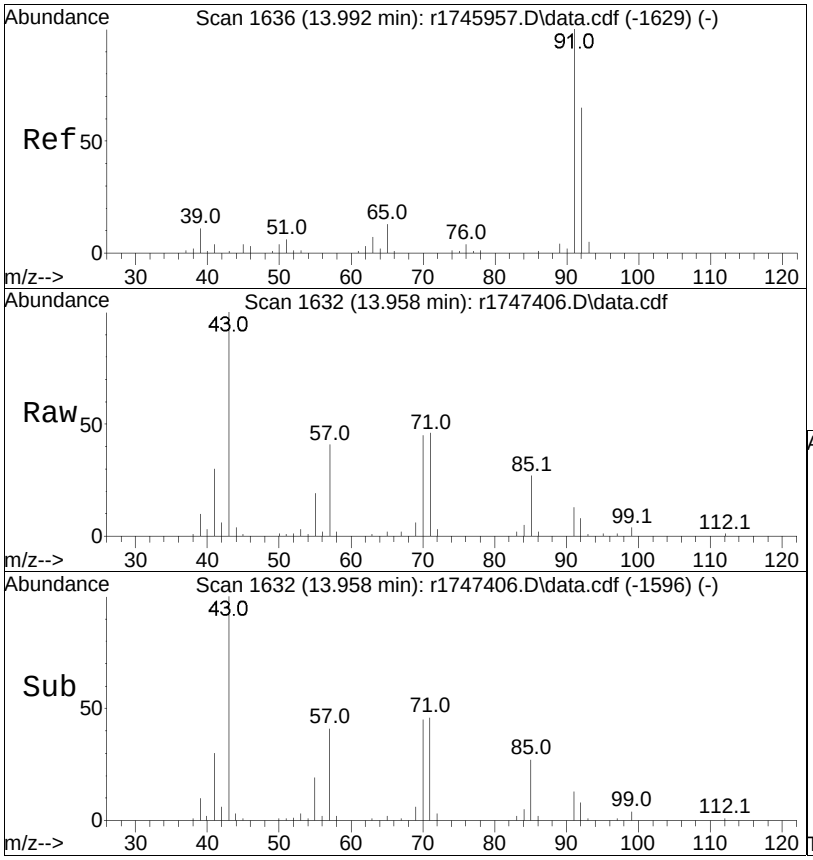


#62
heptane
Concen: 0.22 ppbV
RT: 12.163 min Scan# 1408
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 43 Resp: 7582

Ion	Ratio	Lower	Upper
43	100		
57	45.8	31.1	46.7
100	12.4	11.4	17.2

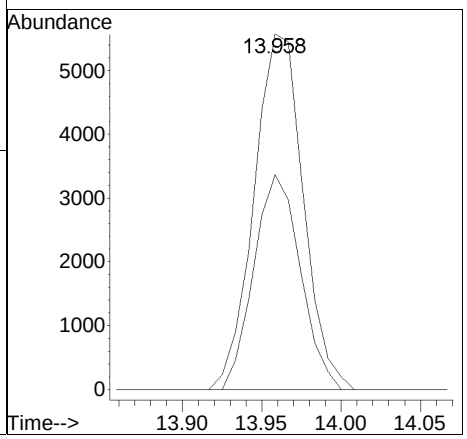


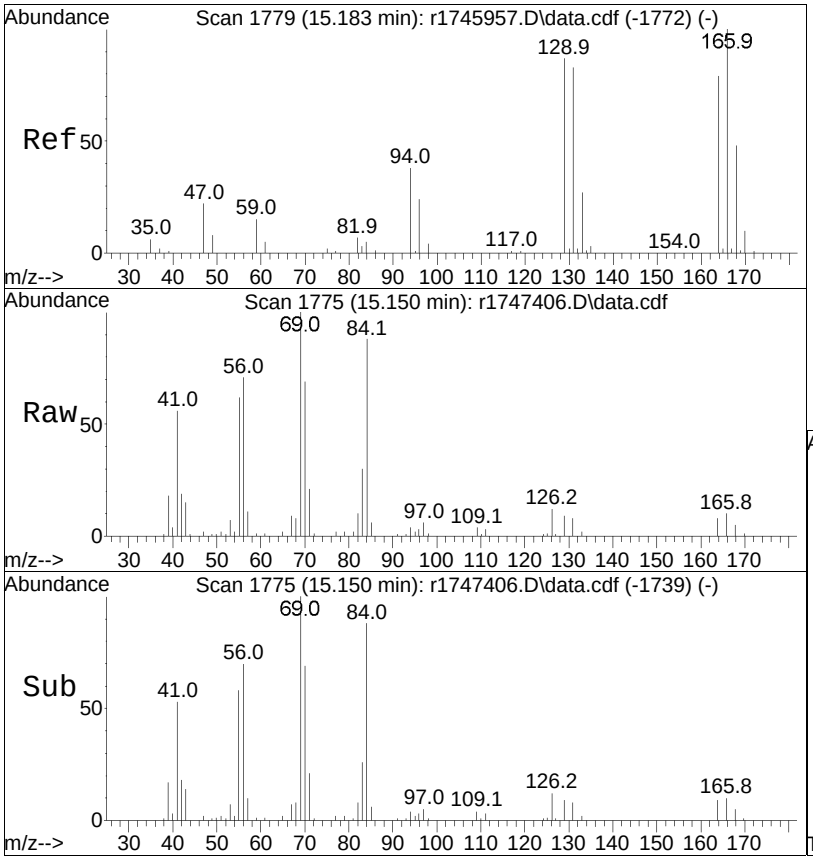


#68
toluene
Concen: 0.19 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 91 Resp: 12029

Ion	Ratio	Lower	Upper
91	100		
92	60.4	51.7	77.5

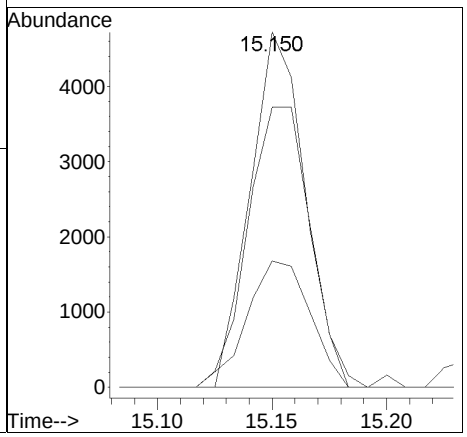


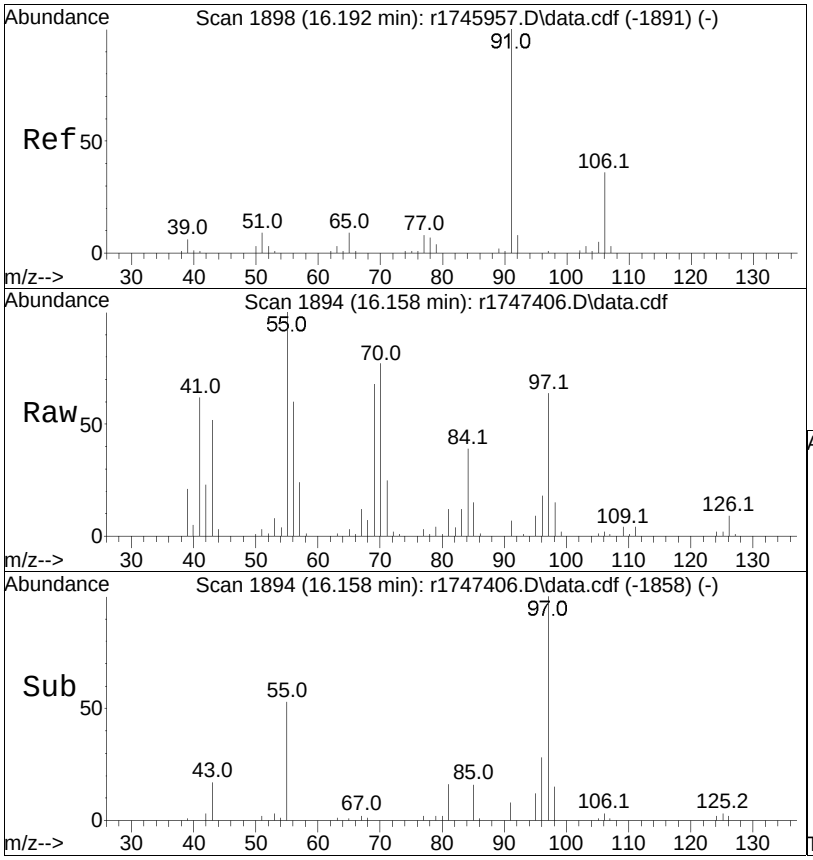


#78
tetrachloroethene
Concen: 0.30 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion:166 Resp: 7847

Ion	Ratio	Lower	Upper
166	100		
131	78.8	66.4	99.6
94	35.6	30.1	45.1

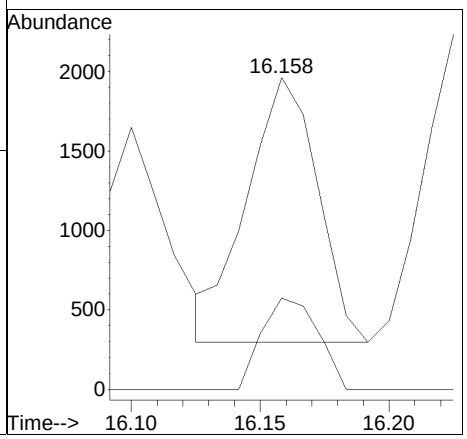


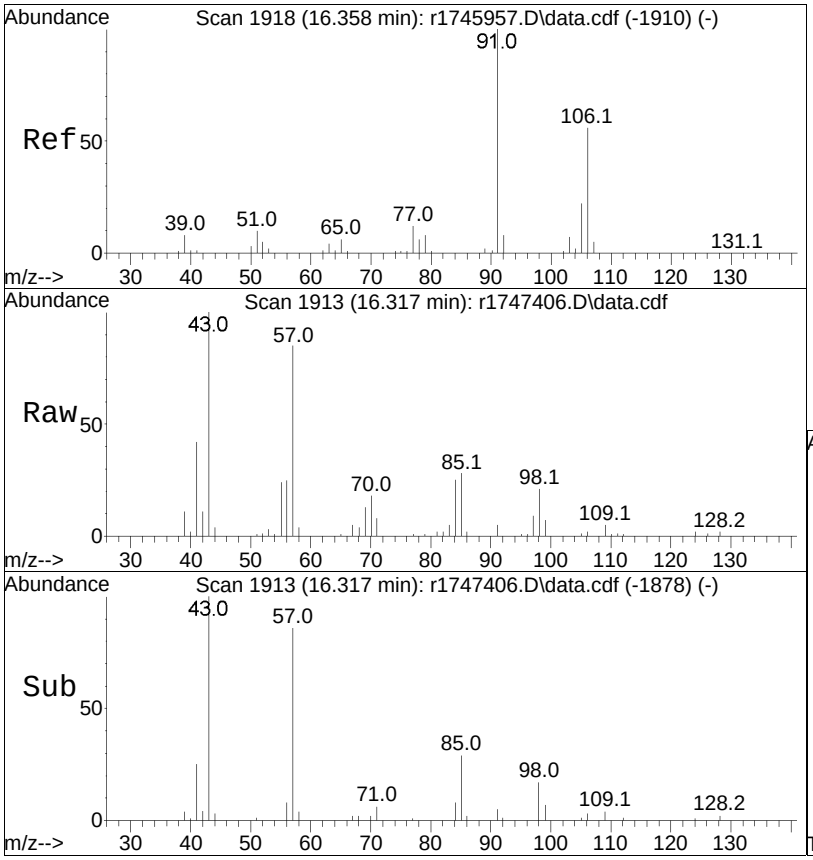


#81
ethylbenzene
Concen: 0.04 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. -0.033 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 91 Resp: 3168

Ion	Ratio	Lower	Upper
91	100		
106	29.3	28.5	42.7

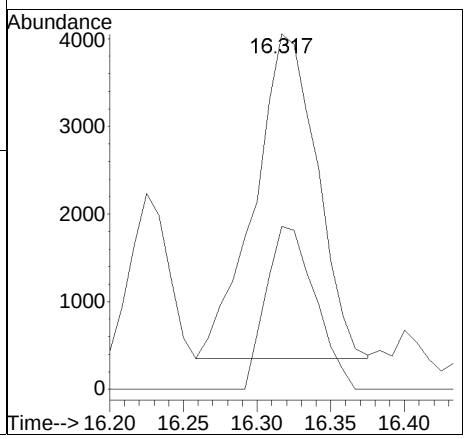


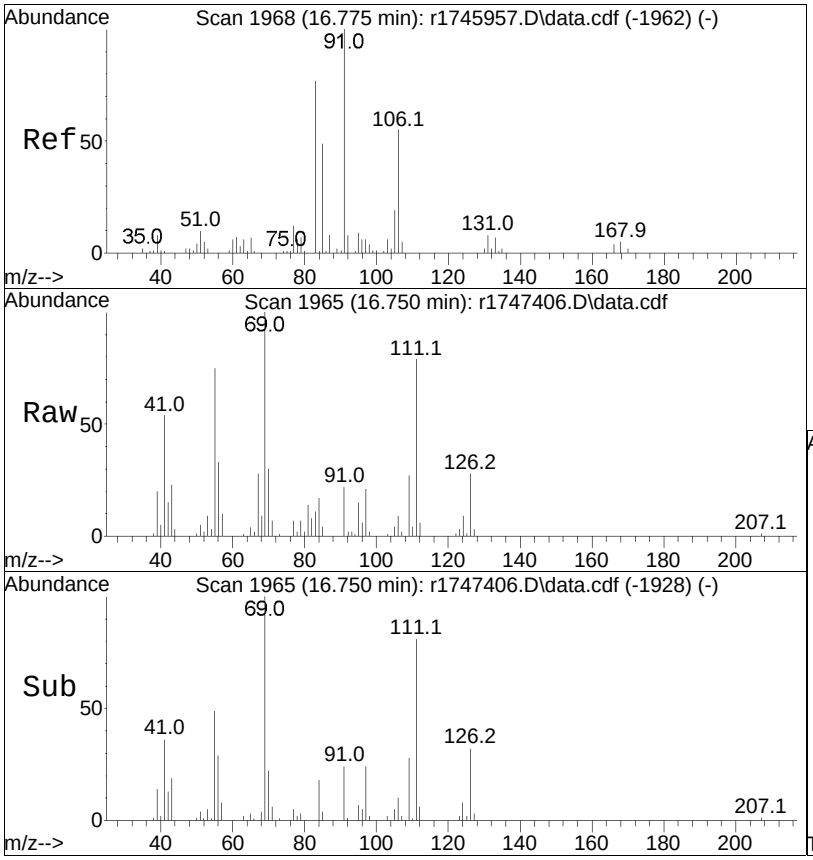


#83
m+p-xylene
Concen: 0.17 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. -0.042 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 91 Resp: 10933

Ion	Ratio	Lower	Upper
91	100		
106	45.9	44.7	67.1

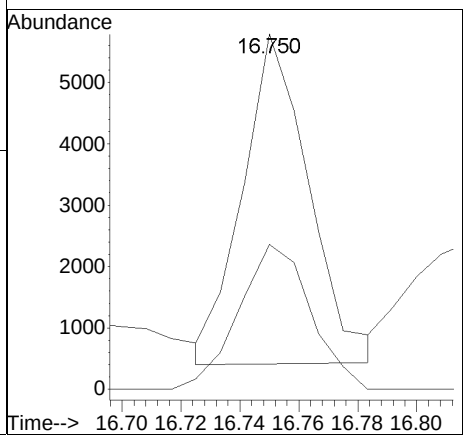


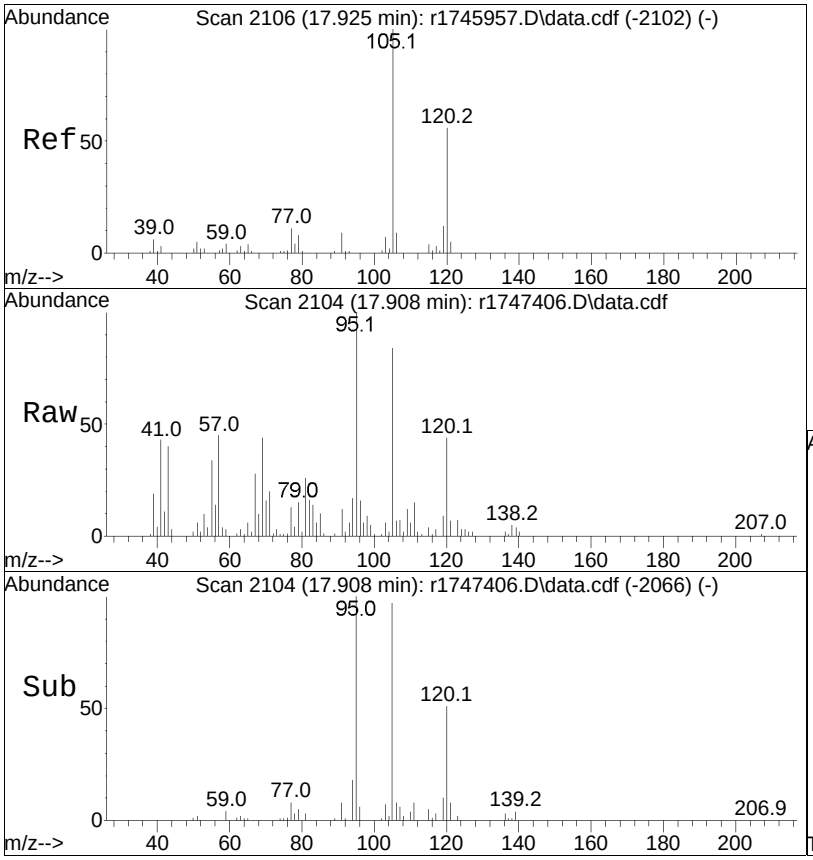


#87
o-xylene
Concen: 0.13 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. -0.025 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion: 91 Resp: 8394

Ion	Ratio	Lower	Upper
91	100		
106	40.8	43.9	65.9#

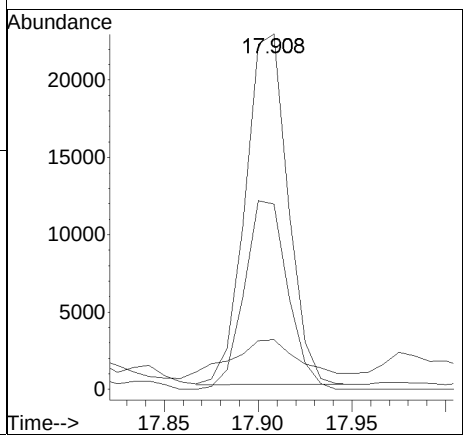


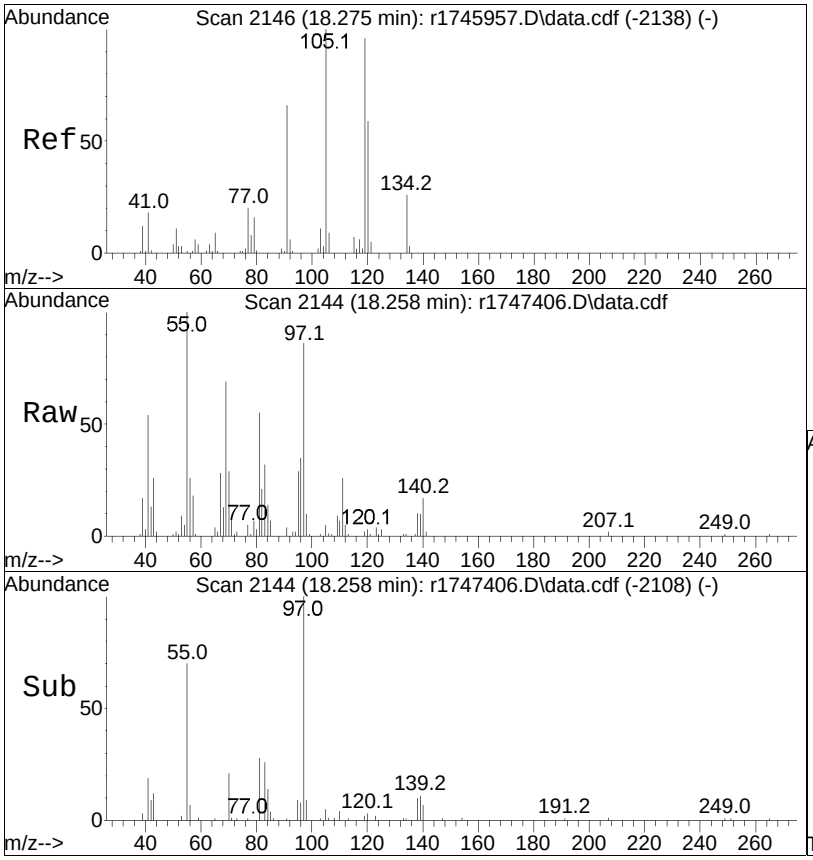


#97
1,3,5-trimethylbenzene
Concen: 0.48 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. -0.017 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion:105 Resp: 35812

Ion	Ratio	Lower	Upper
105	100		
120	52.2	44.6	66.8
91	14.0	7.4	11.0#

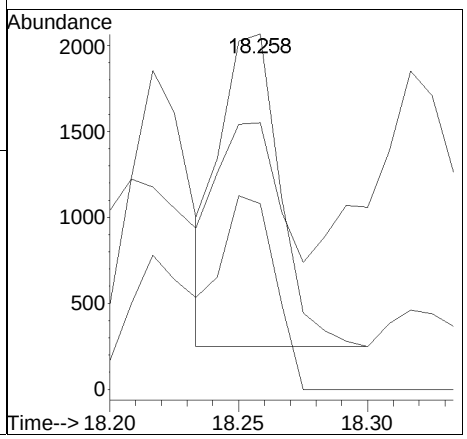




#99
1,2,4-trimethylbenzene
Concen: 0.04 ppbV
RT: 18.258 min Scan# 2144
Delta R.T. -0.017 min
Lab File: r1747406.D
Acq: 4 Mar 2025 1:31 AM

Tgt Ion:105 Resp: 2938

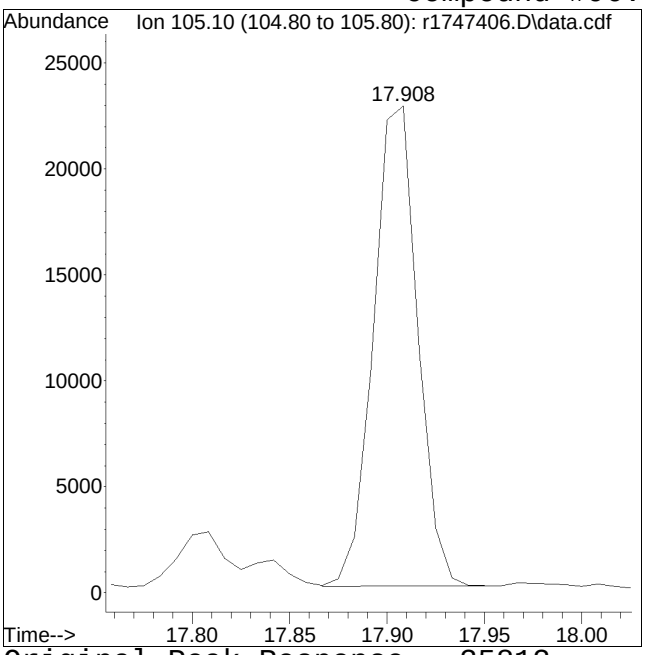
Ion	Ratio	Lower	Upper
105	100		
120	52.3	47.1	70.7
91	75.0	53.0	79.4

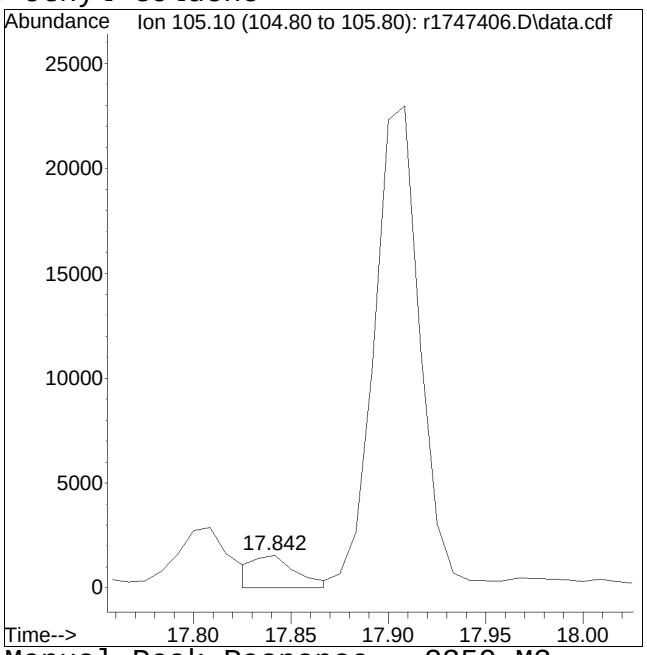


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1747406.D Operator : AIRLAB17:TPH
Date Inj'd : 3/4/2025 1:31 AM Instrument :
Sample : L2508885-02D,3,35.85,250 Quant Date : 3/4/2025 7:32 am

Compound #96: 4-ethyl toluene





Original Peak Response = 35812 Manual Peak Response = 2359 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747407.D
Acq On : 4 Mar 2025 2:09 AM
Operator : AIRLAB17:TPH
Sample : L2508885-03D,3,116.55,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:25 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	250051	10.000	ppbV	-0.04
Standard Area = 252892			Recovery = 98.88%			
43) 1,4-difluorobenzene	10.990	114	680116	10.000	ppbV	-0.04
Standard Area = 698345			Recovery = 97.39%			
67) chlorobenzene-D5	15.767	54	105715	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 107.73%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.850	85	5143	0.206	ppbV	100
6) chloromethane	4.006	50	3114	0.230	ppbV	99
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.912	31	75427	8.018	ppbV	96
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.413	43	66708M6	3.474	ppbV	
21) trichlorofluoromethane	5.600	101	2931	0.132	ppbV	94
22) isopropyl alcohol	5.677	45	326586	13.455	ppbV	100
26) 1,1-dichloroethene	6.123		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.414	49	1711	0.097	ppbV	95
29) 3-chloropropene	6.474		0	N.D.		
30) carbon disulfide	0.000		0	N.D.	d	
31) Freon 113	6.702	101	1314	0.051	ppbV	95
32) trans-1,2-dichloroethene	7.442	61	1611	0.089	ppbV	92
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	7.692		0	N.D.		
36) 2-butanone	8.108	43	10612	0.326	ppbV #	93
37) cis-1,2-dichloroethene	8.592	61	6363	0.371	ppbV	89
38) Ethyl Acetate	8.875	61	1129	0.255	ppbV #	17
39) chloroform	8.942	83	885	0.037	ppbV #	81
40) Tetrahydrofuran	9.383	42	1702	0.089	ppbV #	88
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.850	57	6938	0.315	ppbV #	1

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747407.D
Acq On : 4 Mar 2025 2:09 AM
Operator : AIRLAB17:TPH
Sample : L2508885-03D,3,116.55,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:25 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	10.563	78	8450	0.177	ppbV	99
52) carbon tetrachloride	10.743	117	706	0.039	ppbV #	90
53) cyclohexane	10.883	56	7009	0.299	ppbV	89
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	11.790		0	N.D.		
59) trichloroethene	11.790	130	199434	9.239	ppbV	99
60) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
62) heptane	12.157	43	18560	0.562	ppbV	94
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.	d	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	13.958	91	32729	0.544	ppbV	96
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.150	166	2325	0.094	ppbV	93
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.167	91	7465	0.097	ppbV	95
83) m+p-xylene	16.317	91	27993	0.459	ppbV	94
84) bromoform	0.000		0	N.D.		
85) styrene	16.658	104	2413	0.049	ppbV	98
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	16.750	91	19403	0.317	ppbV	92
96) 4-ethyl toluene	17.842	105	5333M3	0.065	ppbV	
97) 1,3,5-trimethylbenzene	17.908	105	13931	0.199	ppbV #	96
99) 1,2,4-trimethylbenzene	18.258	105	15904M6	0.230	ppbV	
101) Benzyl Chloride	18.383		0	N.D.		
102) 1,3-dichlorobenzene	18.442		0	N.D.		
103) 1,4-dichlorobenzene	18.442		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747407.D
Acq On : 4 Mar 2025 2:09 AM
Operator : AIRLAB17:TPH
Sample : L2508885-03D,3,116.55,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:25 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

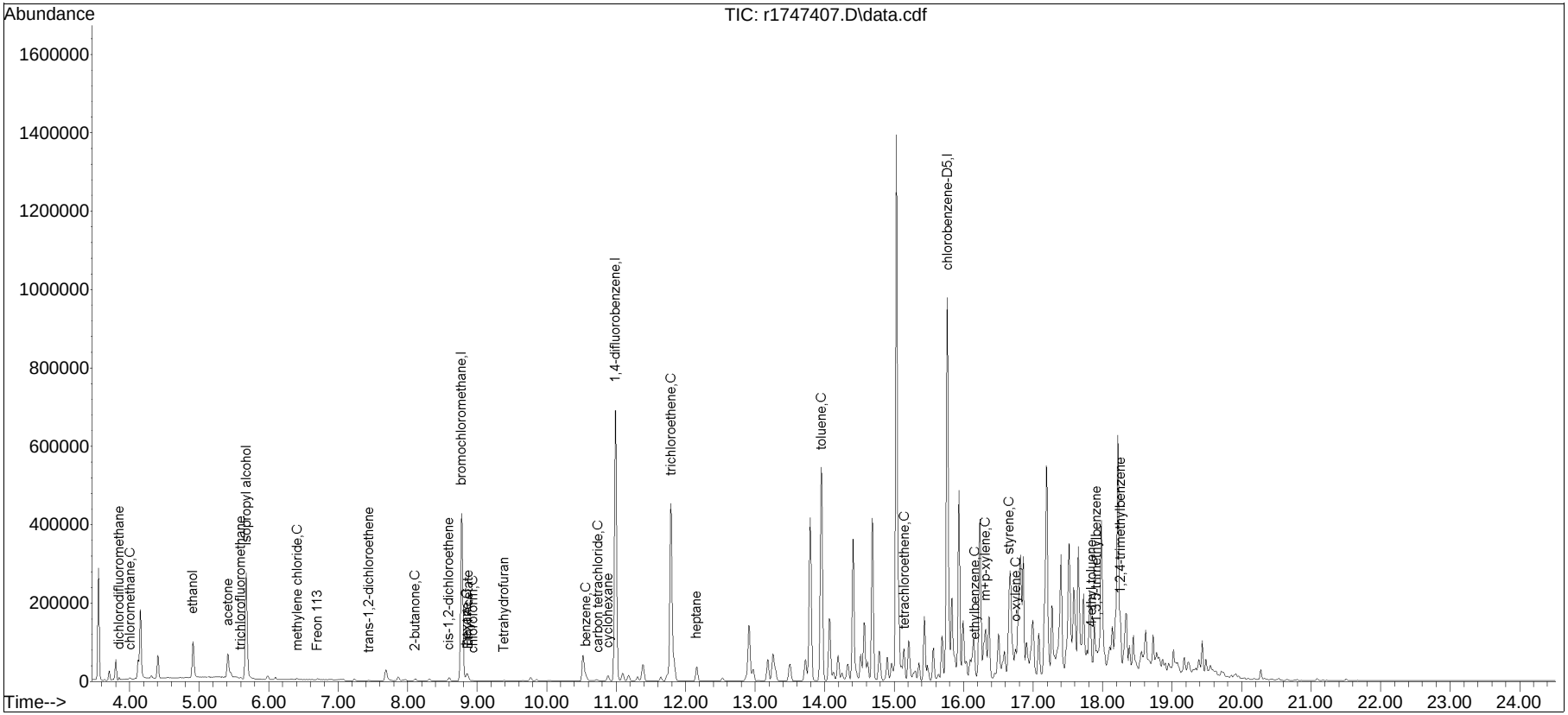
CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

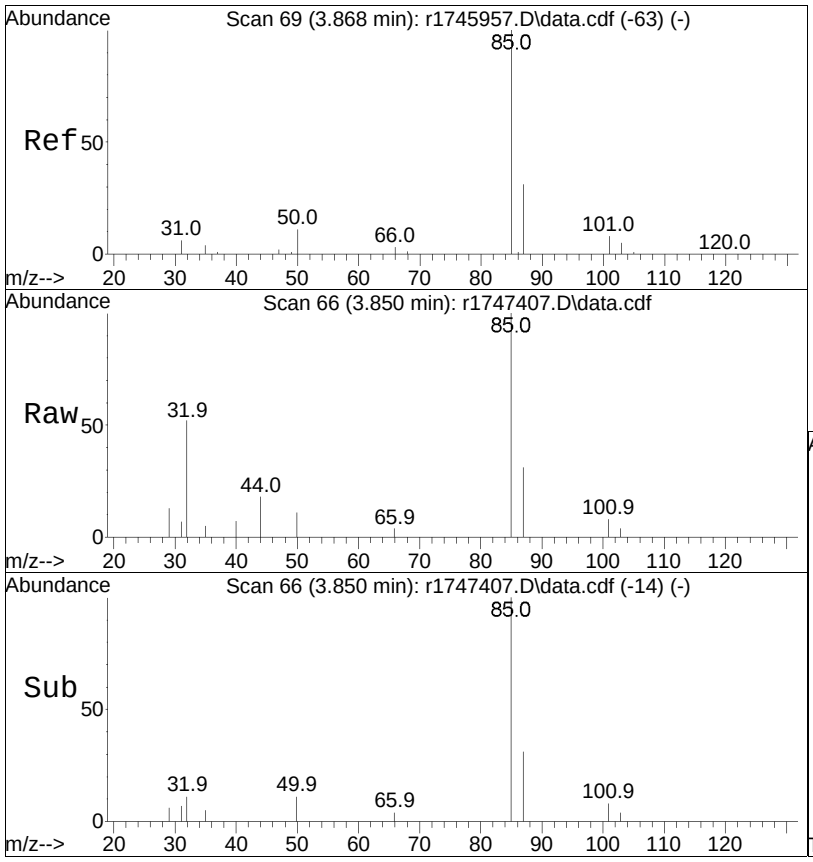
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\03\0303T\r1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747407.D
Acq On : 4 Mar 2025 2:09 AM
Operator : AIRLAB17:TPH
Sample : L2508885-03D,3,116.55,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:25 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

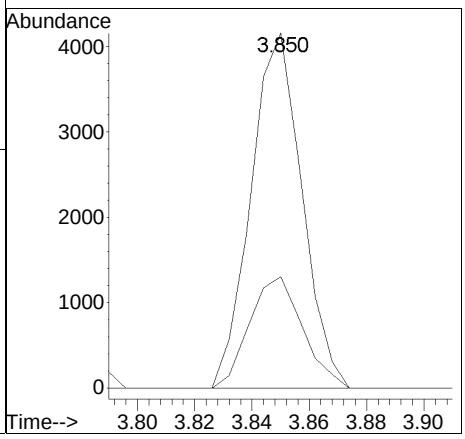


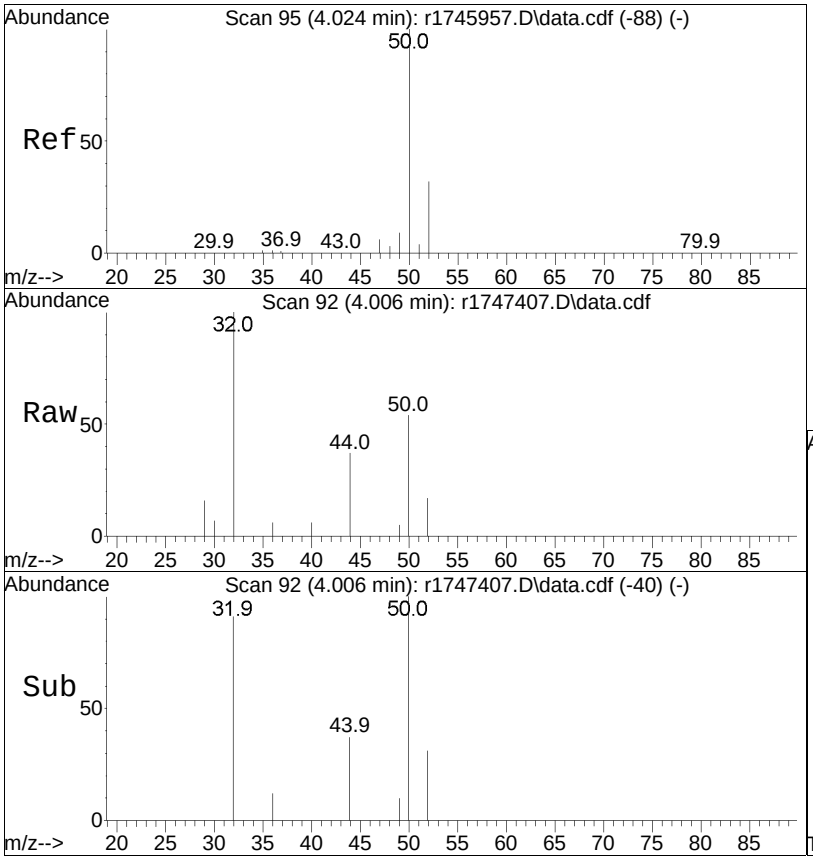


#5
dichlorodifluoromethane
Concen: 0.21 ppbV
RT: 3.850 min Scan# 66
Delta R.T. -0.018 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 85 Resp: 5143

Ion	Ratio	Lower	Upper
85	100		
87	31.4	25.2	37.8

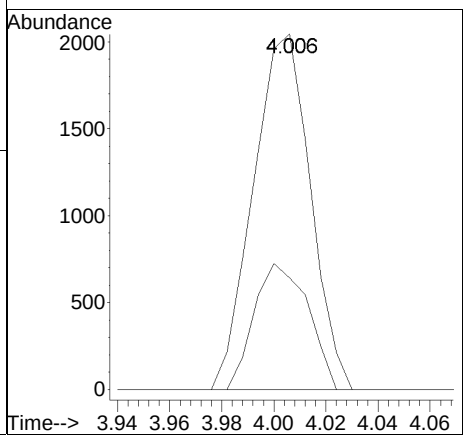


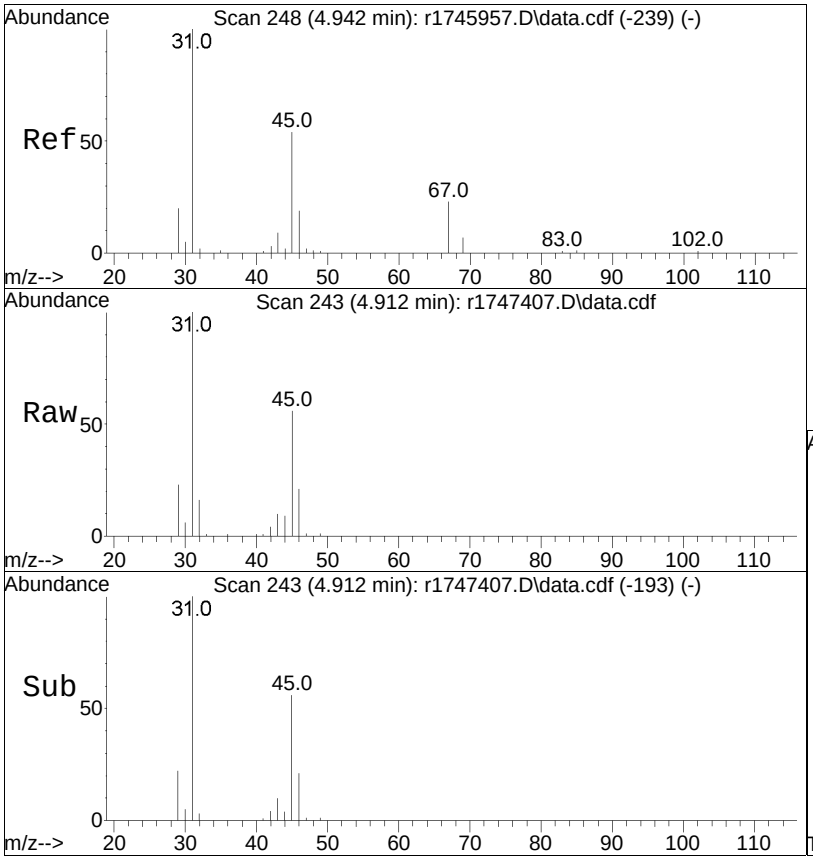


#6
chloromethane
Concen: 0.23 ppbV
RT: 4.006 min Scan# 92
Delta R.T. -0.018 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 50 Resp: 3114

Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.4	38.2

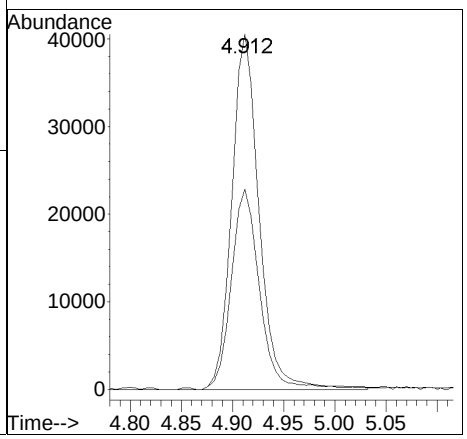


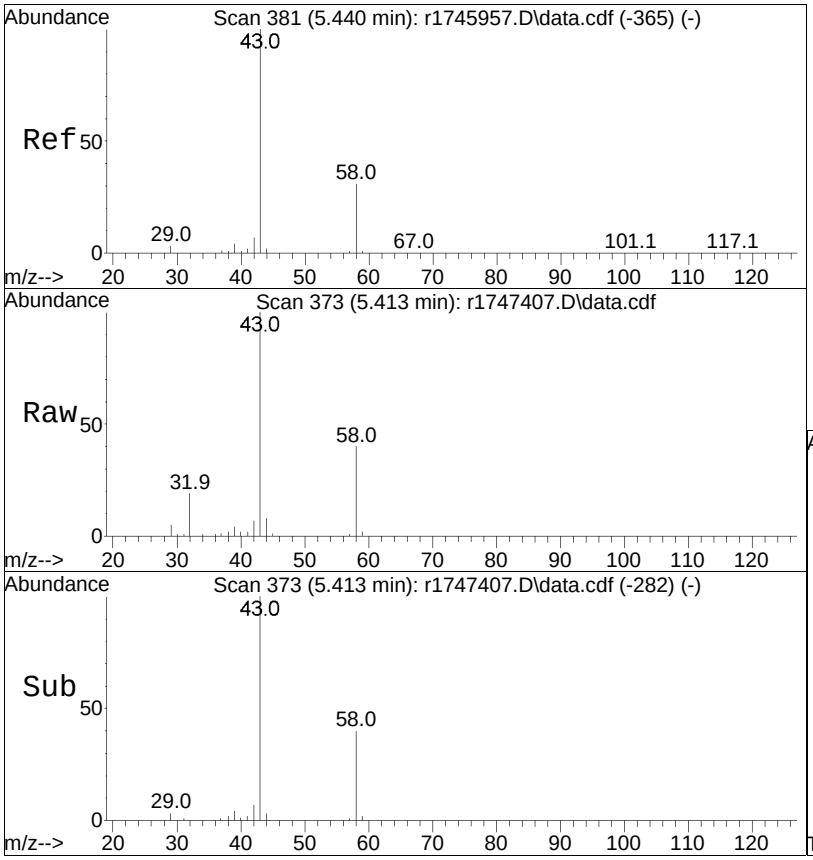


#15
ethanol
Concen: 8.02 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.030 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 31 Resp: 75427

Ion	Ratio	Lower	Upper
31	100		
45	56.4	43.0	64.6

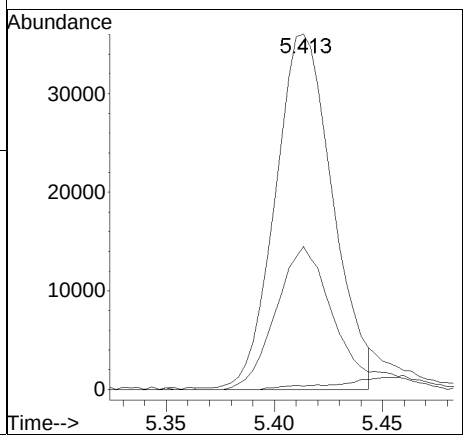


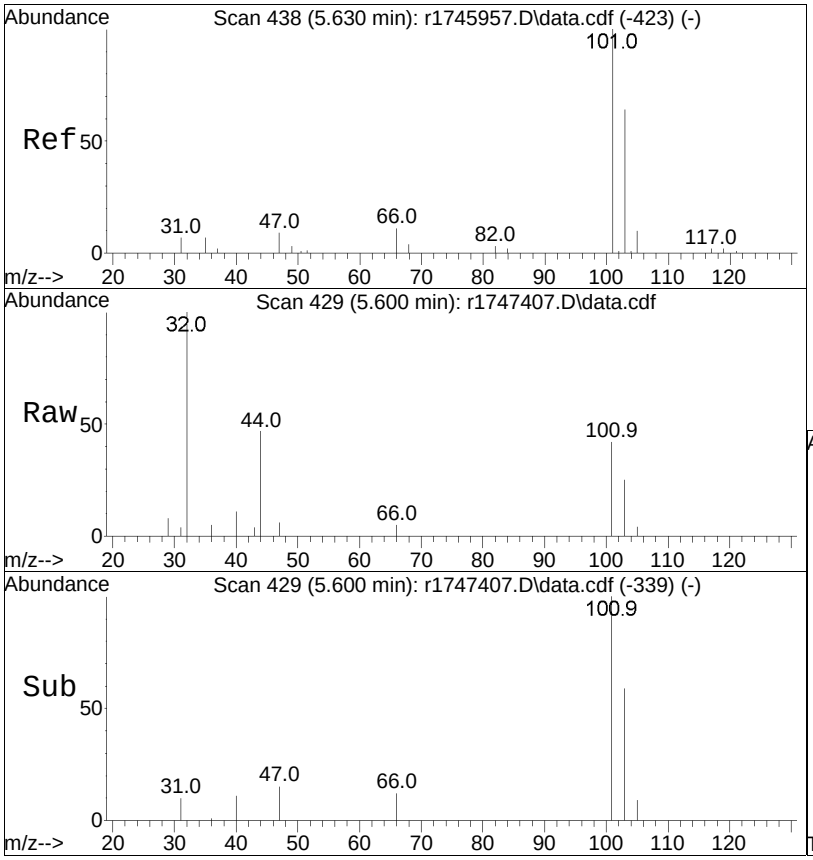


#19
acetone
Concen: 3.47 ppbV m
RT: 5.413 min Scan# 373
Delta R.T. -0.027 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 43 Resp: 66708

Ion	Ratio	Lower	Upper
43	100		
58	40.2	24.7	37.1#
57	1.0	0.6	0.8#

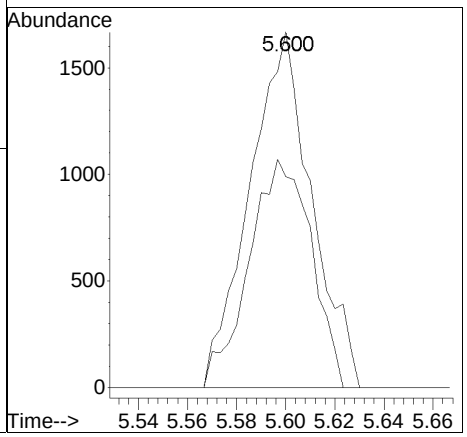


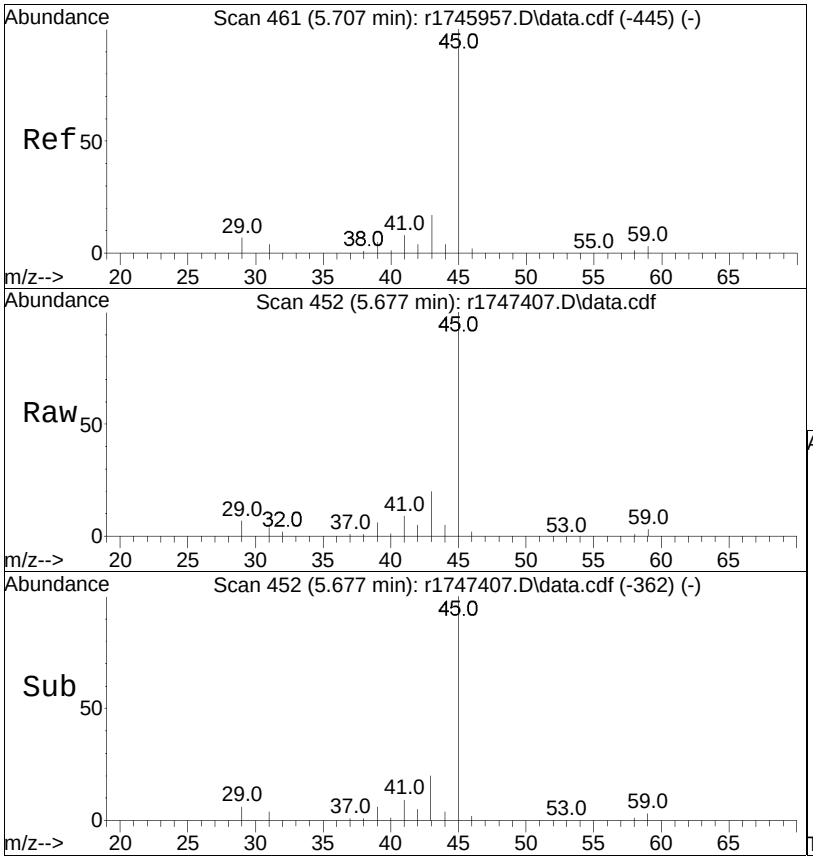


#21
trichlorofluoromethane
Concen: 0.13 ppbV
RT: 5.600 min Scan# 429
Delta R.T. -0.030 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:101 Resp: 2931

Ion	Ratio	Lower	Upper
101	100		
103	59.3	50.9	76.3

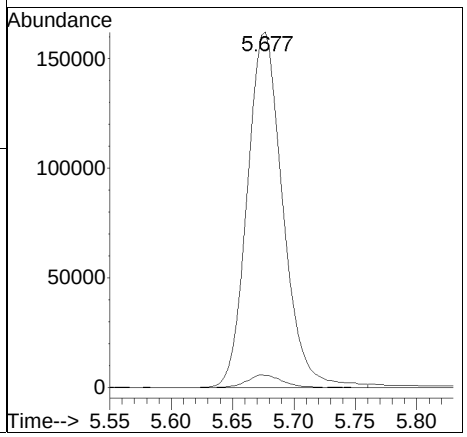


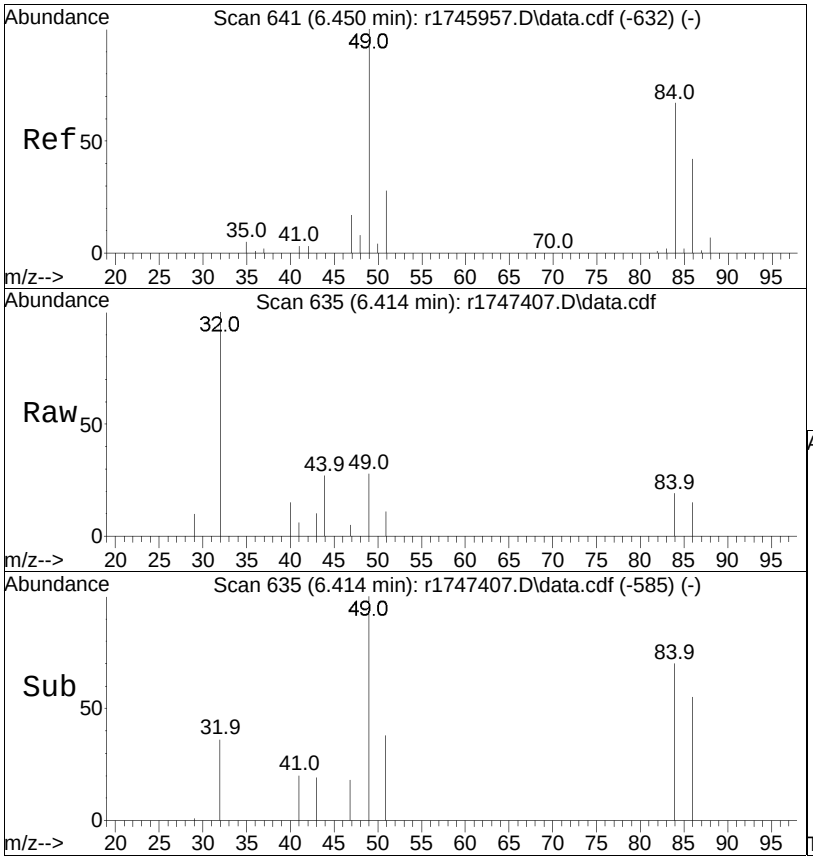


#22
isopropyl alcohol
Concen: 13.45 ppbV
RT: 5.677 min Scan# 452
Delta R.T. -0.030 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 45 Resp: 326586

Ion	Ratio	Lower	Upper
45	100		
59	3.3	2.6	4.0

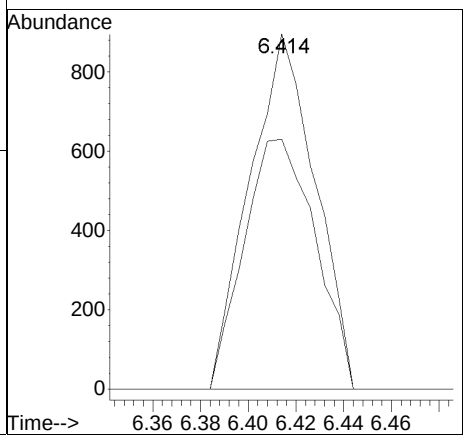


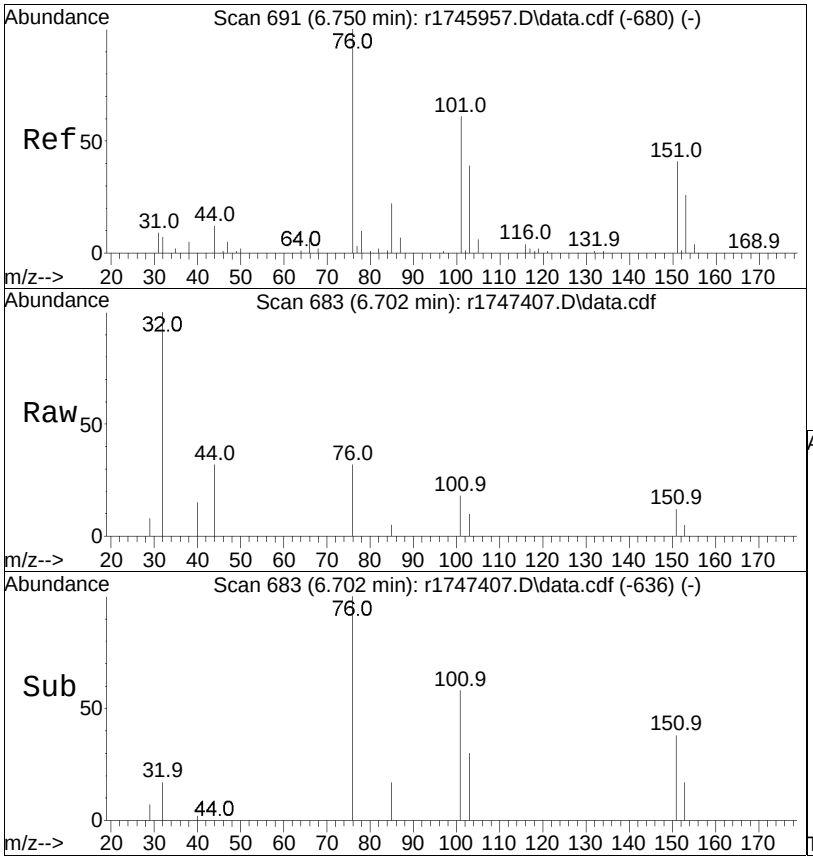


#28
methylene chloride
Concen: 0.10 ppbV
RT: 6.414 min Scan# 635
Delta R.T. -0.036 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 49 Resp: 1711

Ion	Ratio	Lower	Upper
49	100		
84	70.4	53.4	80.0

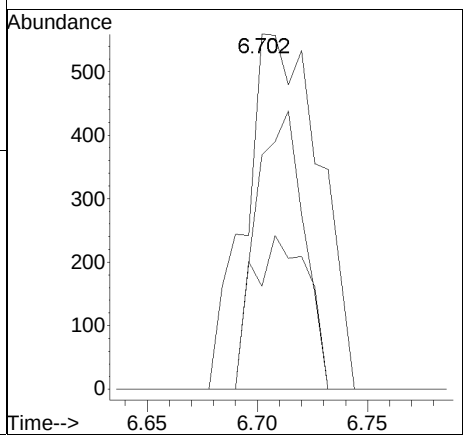


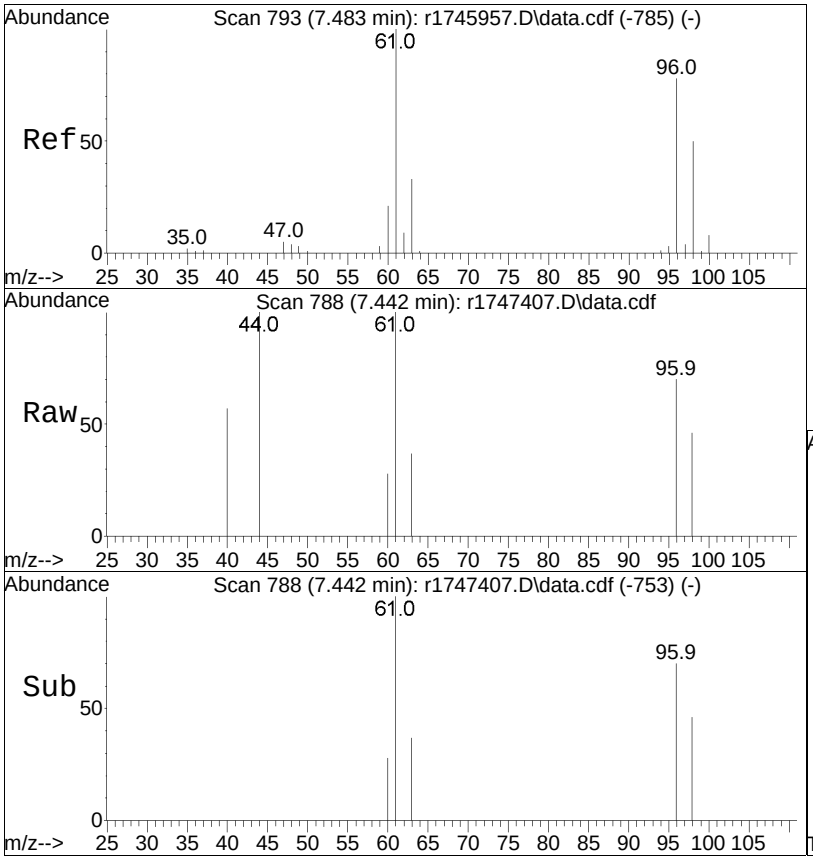


#31
Freon 113
Concen: 0.05 ppbV
RT: 6.702 min Scan# 683
Delta R.T. -0.048 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:101 Resp: 1314

Ion	Ratio	Lower	Upper
101	100		
85	29.0	29.0	43.4
151	66.0	53.6	80.4

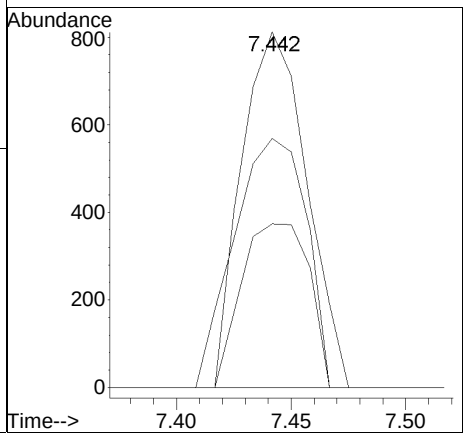


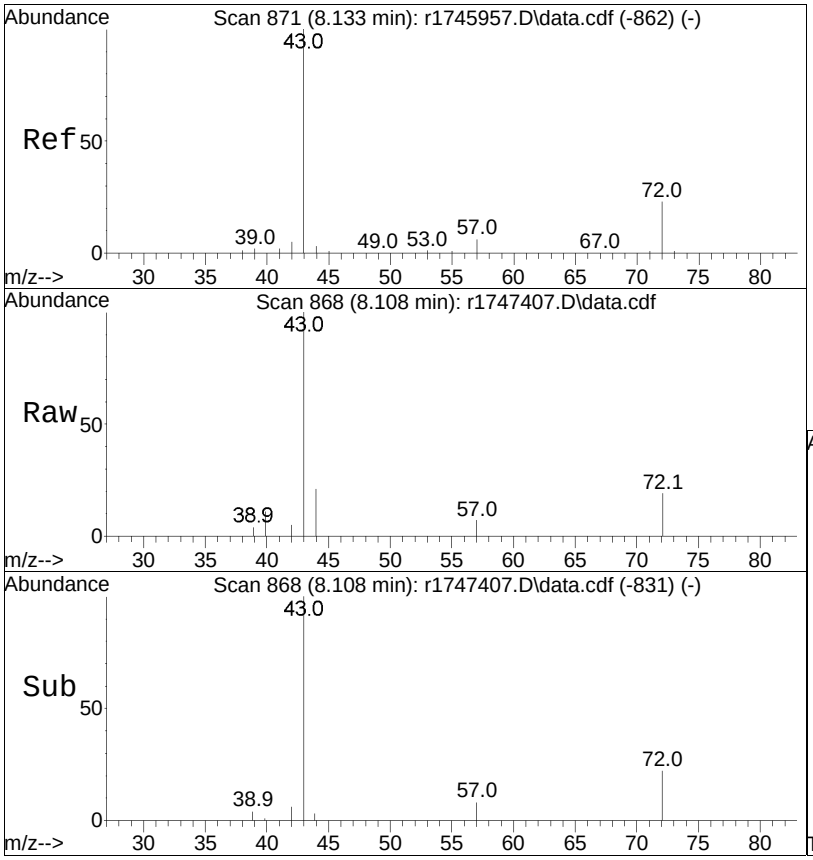


#32
trans-1,2-dichloroethene
Concen: 0.09 ppbV
RT: 7.442 min Scan# 788
Delta R.T. -0.042 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 61 Resp: 1611

Ion	Ratio	Lower	Upper
61	100		
96	70.1	62.1	93.1
98	46.1	40.0	60.0

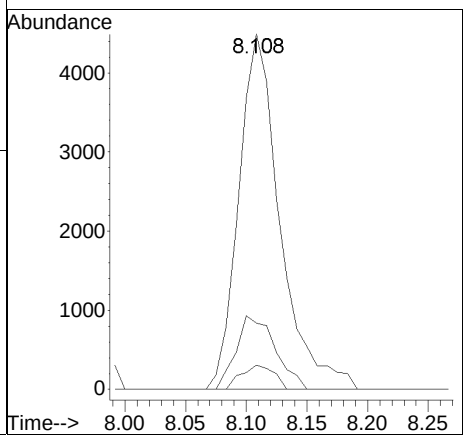


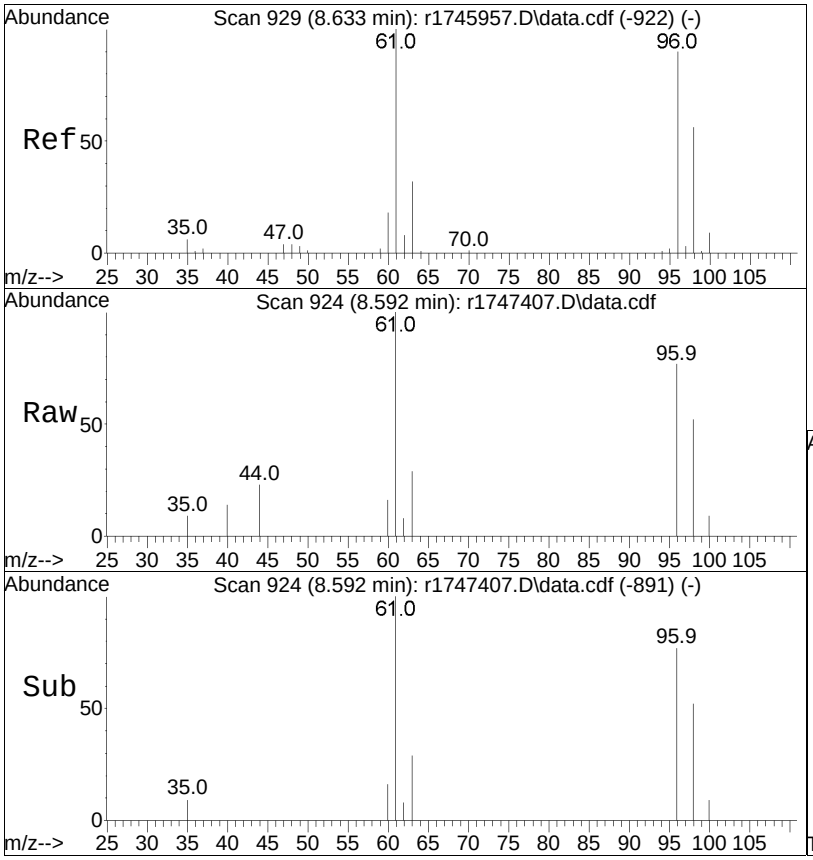


#36
2-butanone
Concen: 0.33 ppbV
RT: 8.108 min Scan# 868
Delta R.T. -0.025 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 43 Resp: 10612

Ion	Ratio	Lower	Upper
43	100		
72	18.7	18.1	27.1
57	6.9	4.6	6.8#

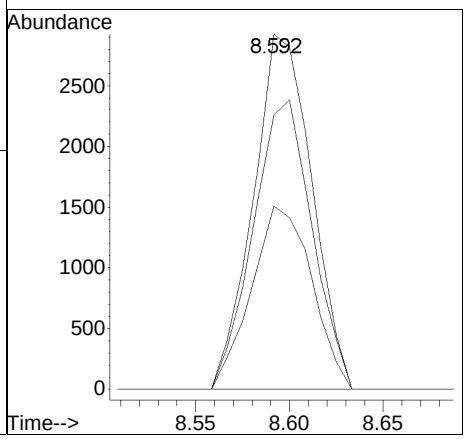


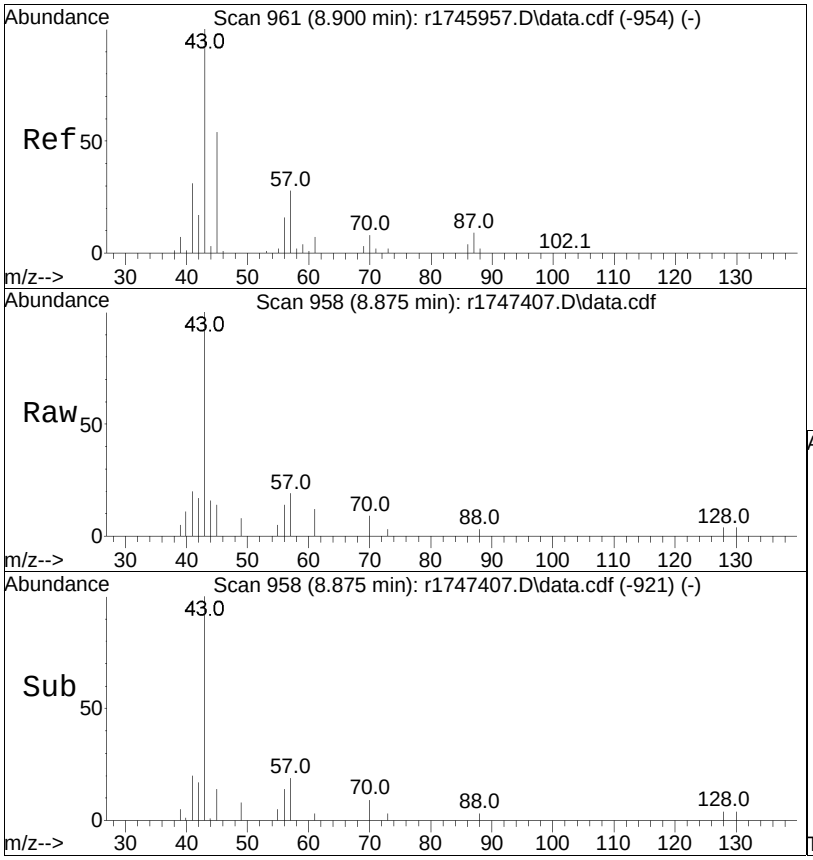


#37
cis-1,2-dichloroethene
Concen: 0.37 ppbV
RT: 8.592 min Scan# 924
Delta R.T. -0.042 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 61 Resp: 6363

Ion	Ratio	Lower	Upper
61	100		
96	77.3	71.6	107.4
98	51.6	45.1	67.7

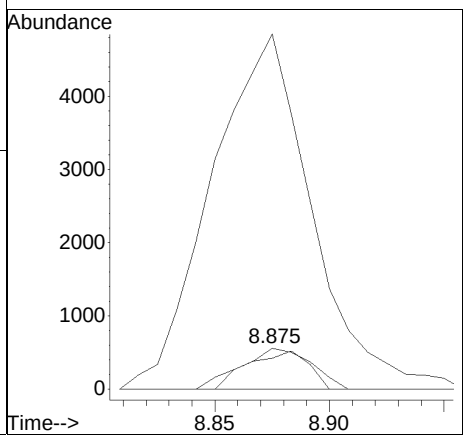


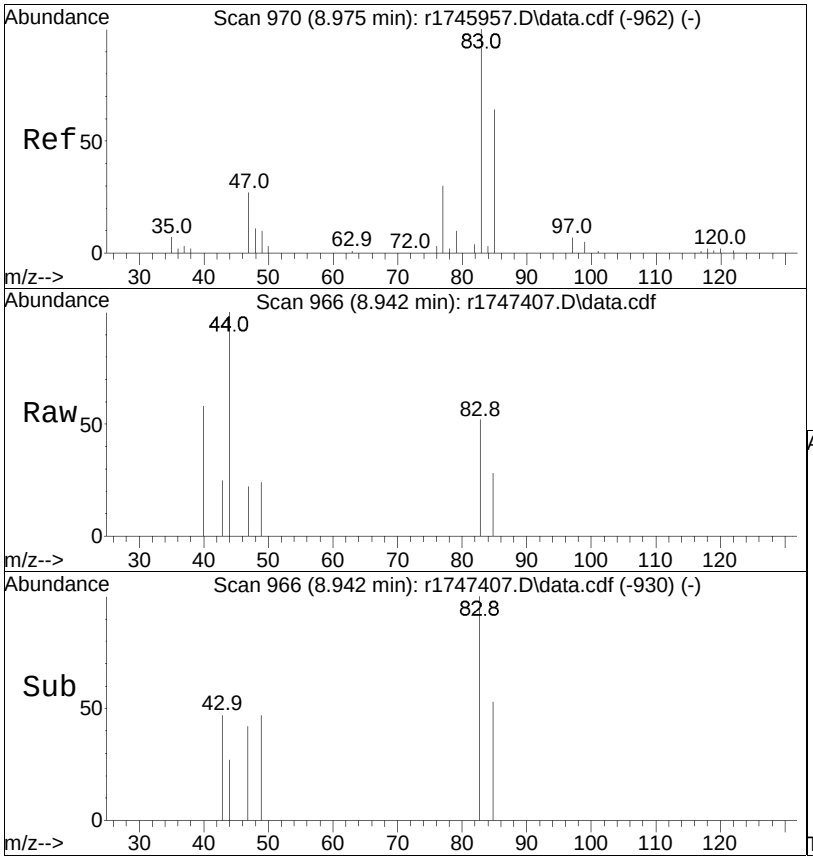


#38
Ethyl Acetate
Concen: 0.25 ppbV
RT: 8.875 min Scan# 958
Delta R.T. -0.025 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 61 Resp: 1129

Ion	Ratio	Lower	Upper
61	100		
70	75.8	85.8	128.8#
43	864.9	1077.6	1616.4#

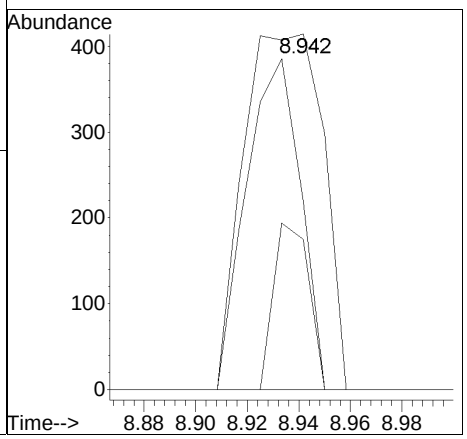


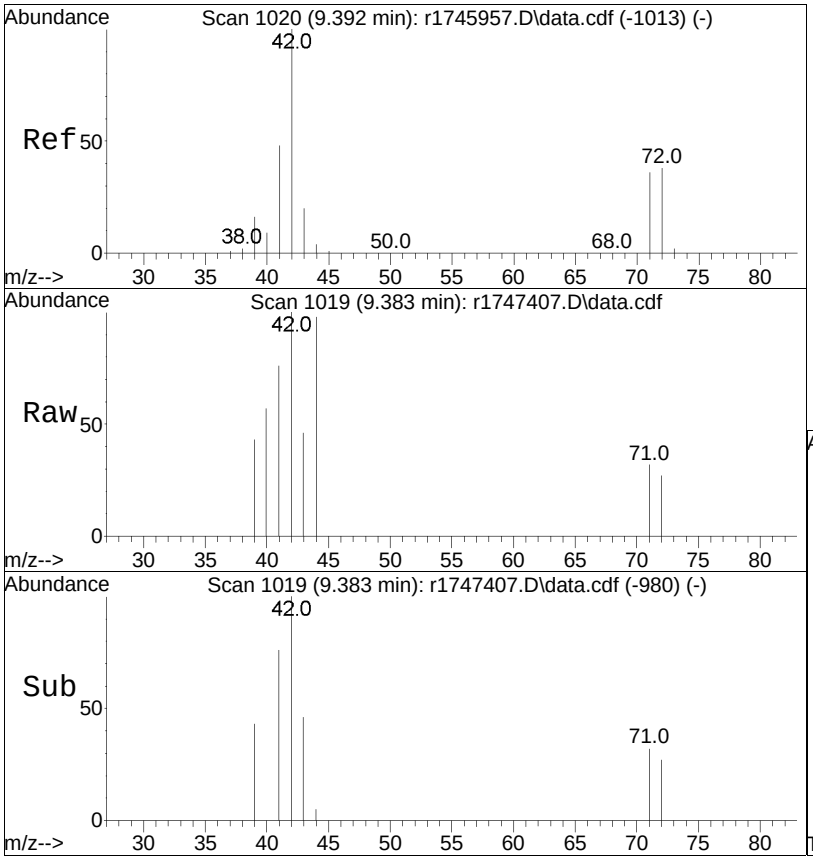


#39
chloroform
Concen: 0.04 ppbV
RT: 8.942 min Scan# 966
Delta R.T. -0.033 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 83 Resp: 885

Ion	Ratio	Lower	Upper
83	100		
85	53.1	51.6	77.4
47	42.3	21.4	32.2#

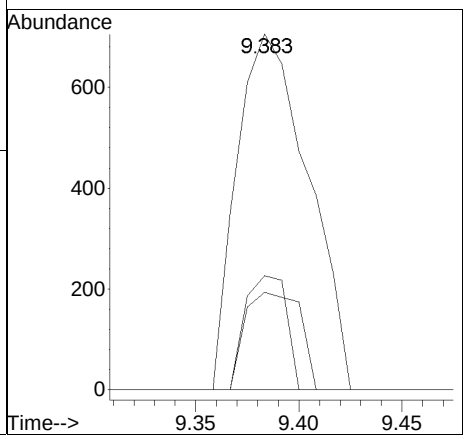


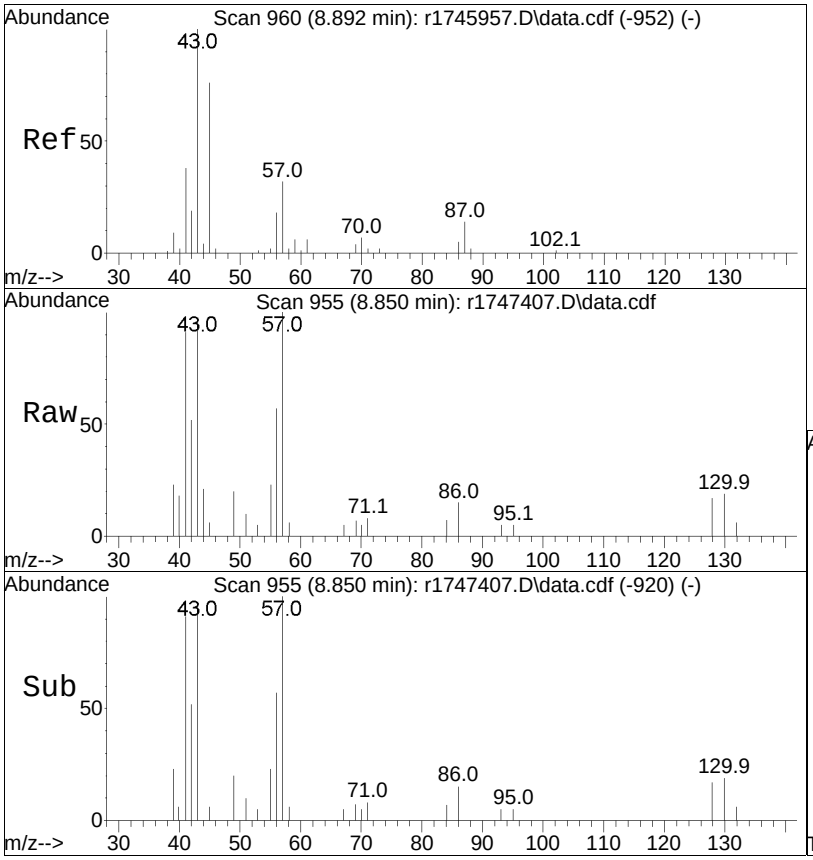


#40
Tetrahydrofuran
Concen: 0.09 ppbV
RT: 9.383 min Scan# 1019
Delta R.T. -0.008 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 42 Resp: 1702

Ion	Ratio	Lower	Upper
42	100		
71	32.0	28.9	43.3
72	27.3	30.1	45.1#

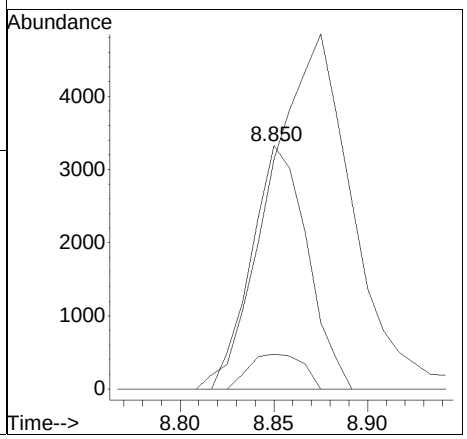


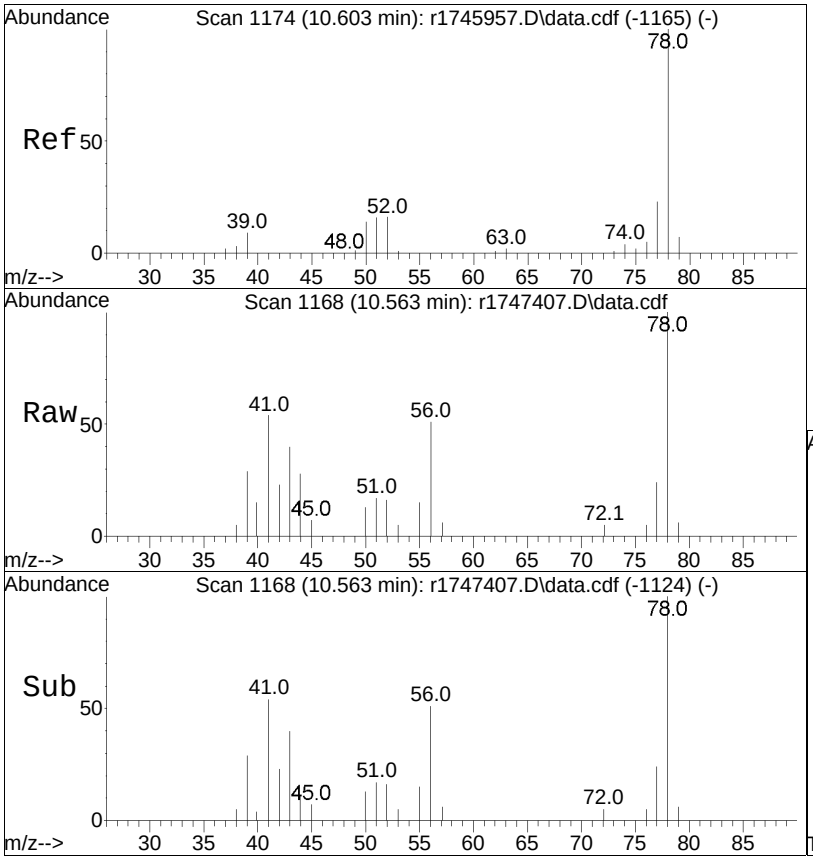


#44
hexane
Concen: 0.32 ppbV
RT: 8.850 min Scan# 955
Delta R.T. -0.042 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 57 Resp: 6938

Ion	Ratio	Lower	Upper
57	100		
43	94.3	247.4	371.0#
86	14.5	12.9	19.3

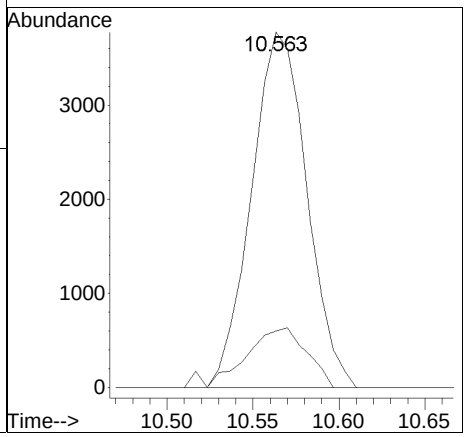


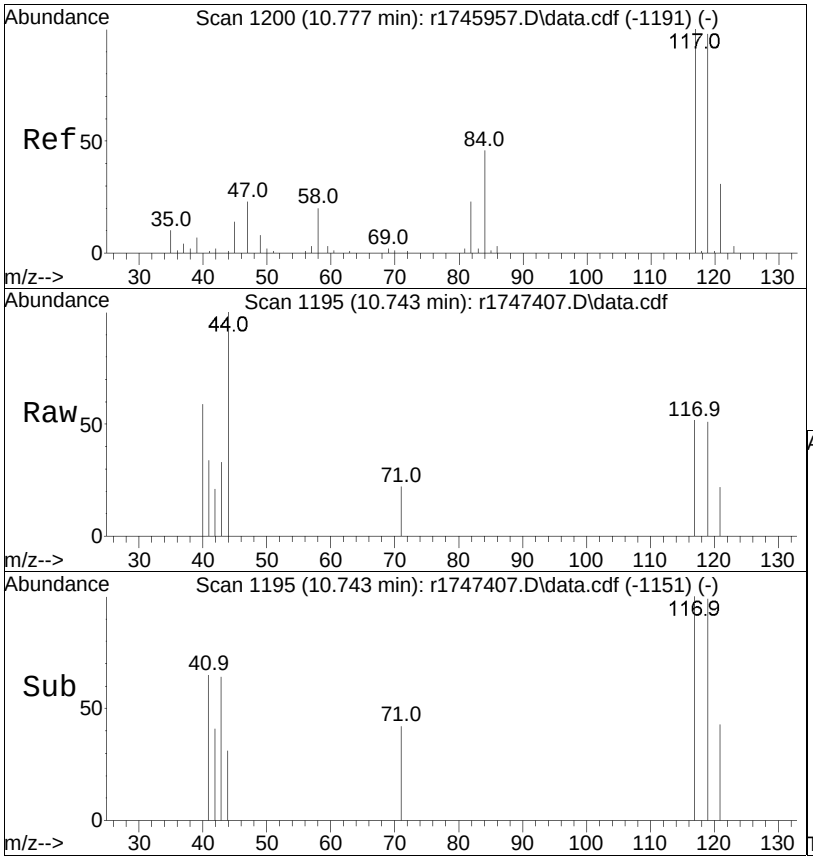


#50
benzene
Concen: 0.18 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. -0.040 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 78 Resp: 8450

Ion	Ratio	Lower	Upper
78	100		
52	15.9	12.5	18.7

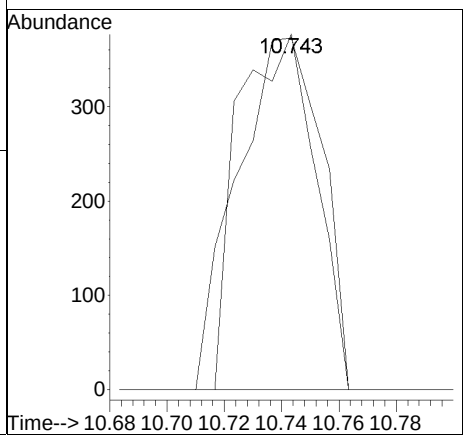


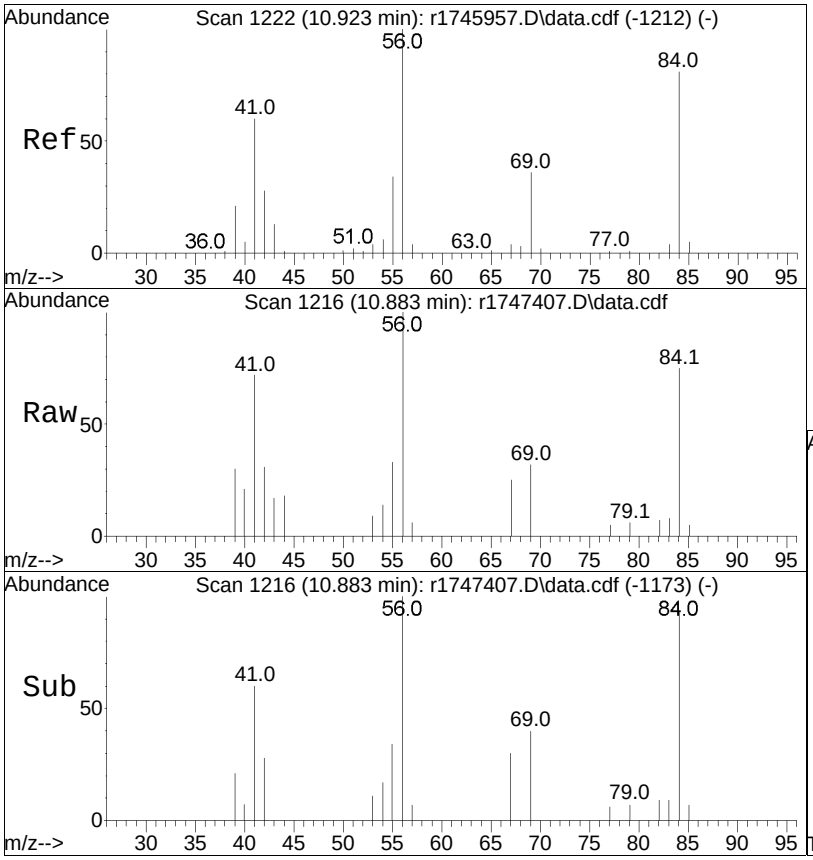


#52
carbon tetrachloride
Concen: 0.04 ppbV
RT: 10.743 min Scan# 1195
Delta R.T. -0.033 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:117 Resp: 706

Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.2	117.2
82	0.0	18.6	28.0#

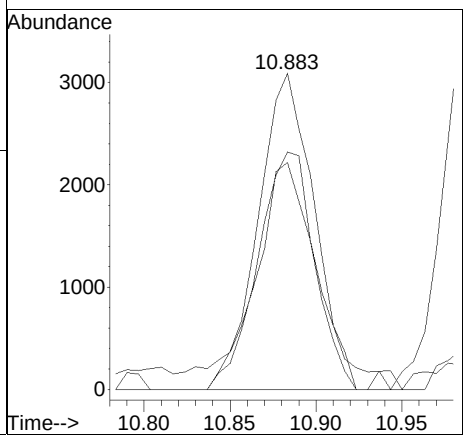


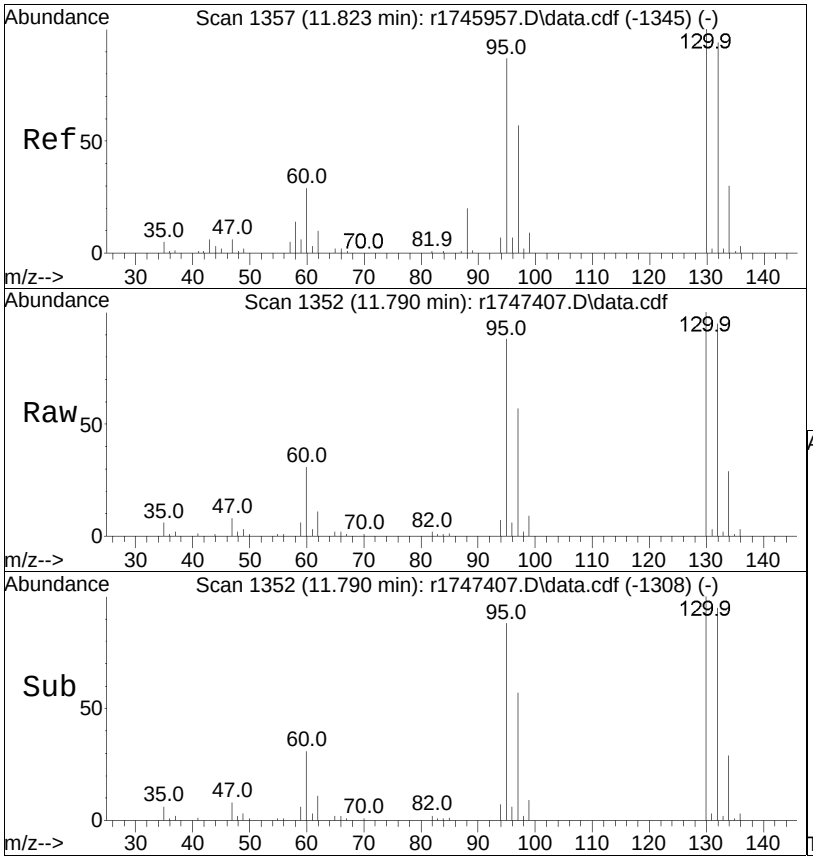


#53
cyclohexane
Concen: 0.30 ppbV
RT: 10.883 min Scan# 1216
Delta R.T. -0.040 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 56 Resp: 7009

Ion	Ratio	Lower	Upper
56	100		
84	75.1	65.4	98.0
41	71.8	48.2	72.4

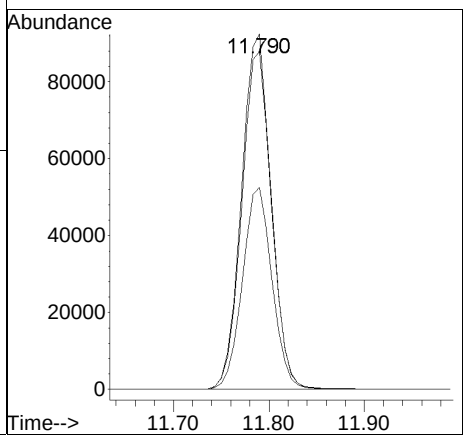


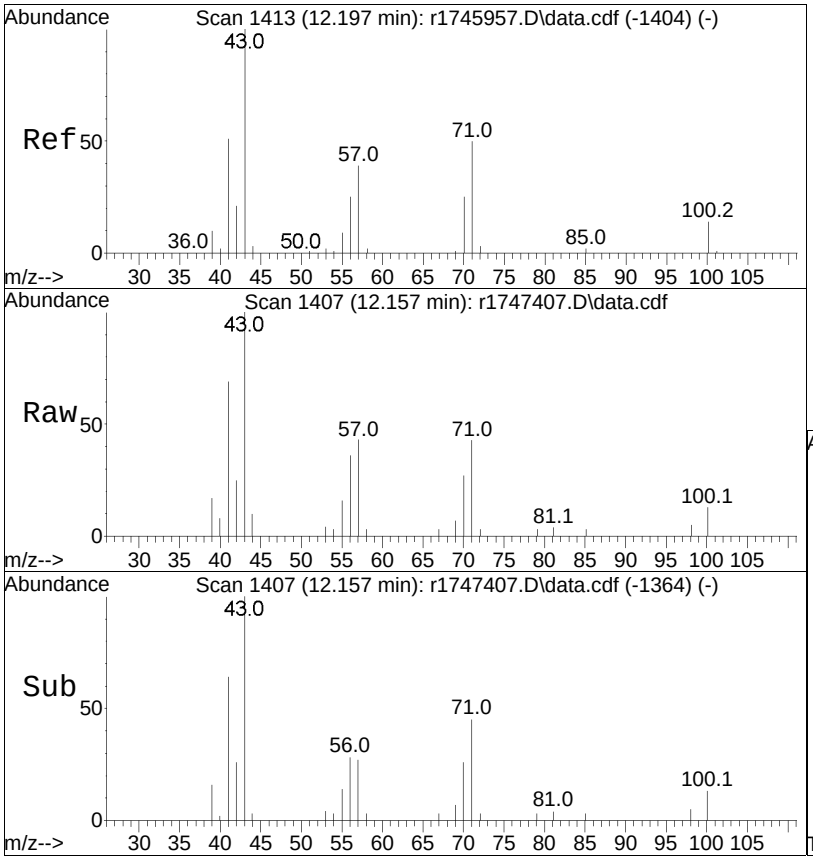


#59
trichloroethene
Concen: 9.24 ppbV
RT: 11.790 min Scan# 1352
Delta R.T. -0.033 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:130 Resp: 199434

Ion	Ratio	Lower	Upper
130	100		
132	95.1	75.5	113.3
97	56.8	45.9	68.9

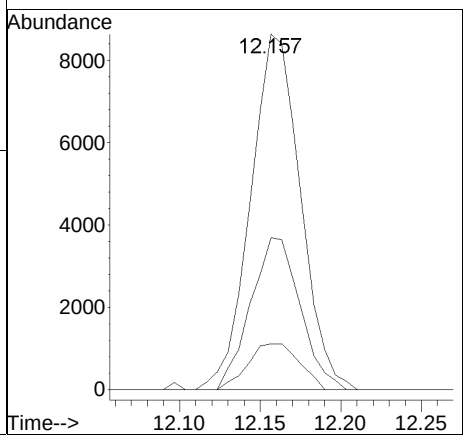


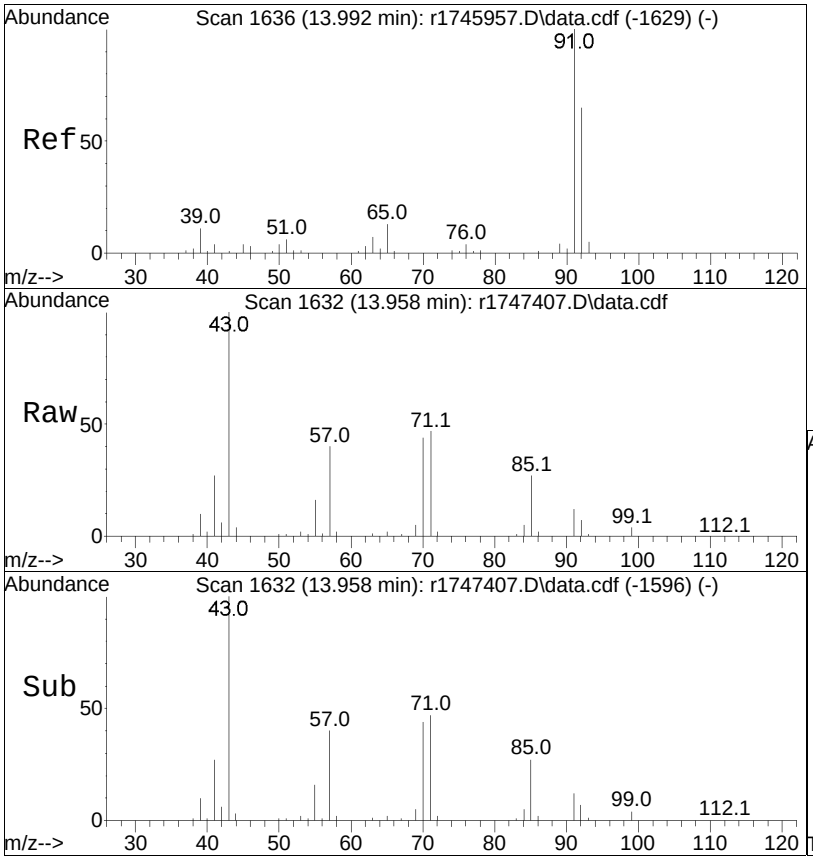


#62
heptane
Concen: 0.56 ppbV
RT: 12.157 min Scan# 1407
Delta R.T. -0.040 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 43 Resp: 18560

Ion	Ratio	Lower	Upper
43	100		
57	42.7	31.1	46.7
100	12.8	11.4	17.2

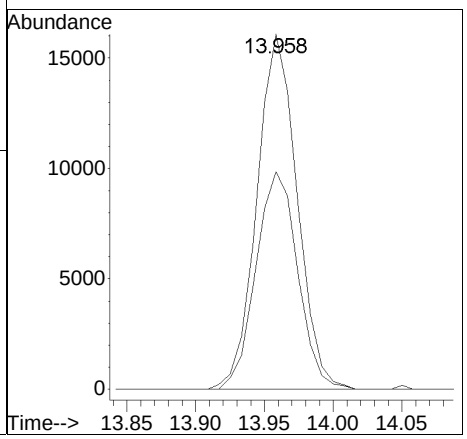


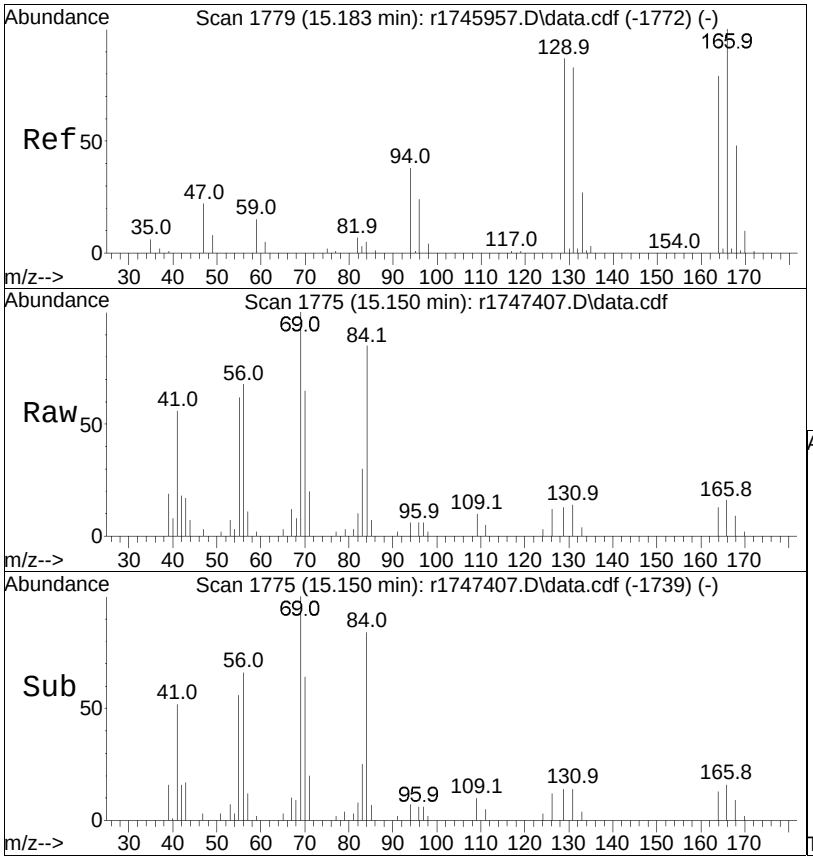


#68
toluene
Concen: 0.54 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. -0.033 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 91 Resp: 32729

Ion	Ratio	Lower	Upper
91	100		
92	61.3	51.7	77.5

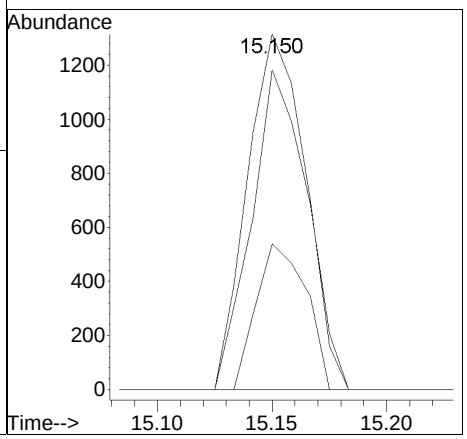


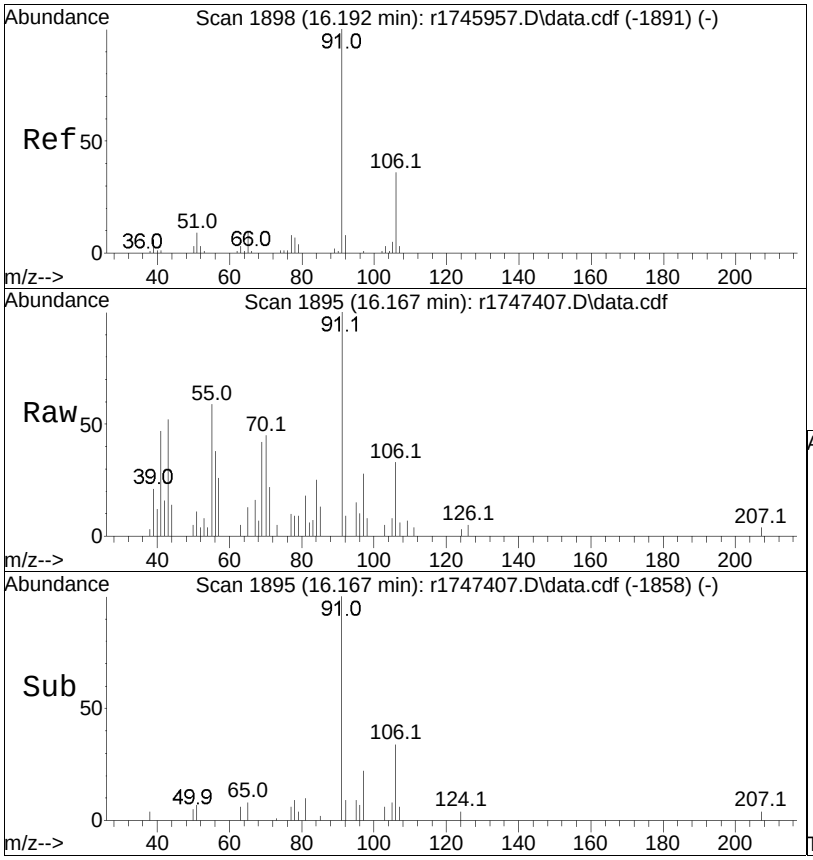


#78
tetrachloroethene
Concen: 0.09 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. -0.033 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:166 Resp: 2325

Ion	Ratio	Lower	Upper
166	100		
131	90.0	66.4	99.6
94	41.0	30.1	45.1

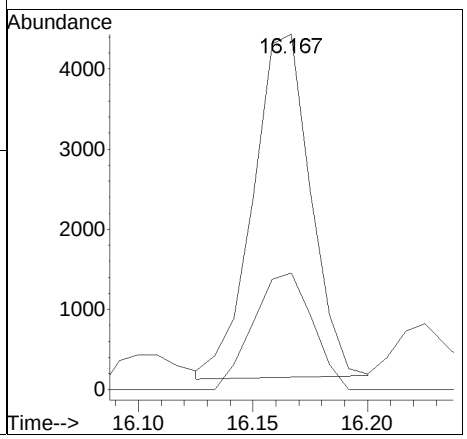


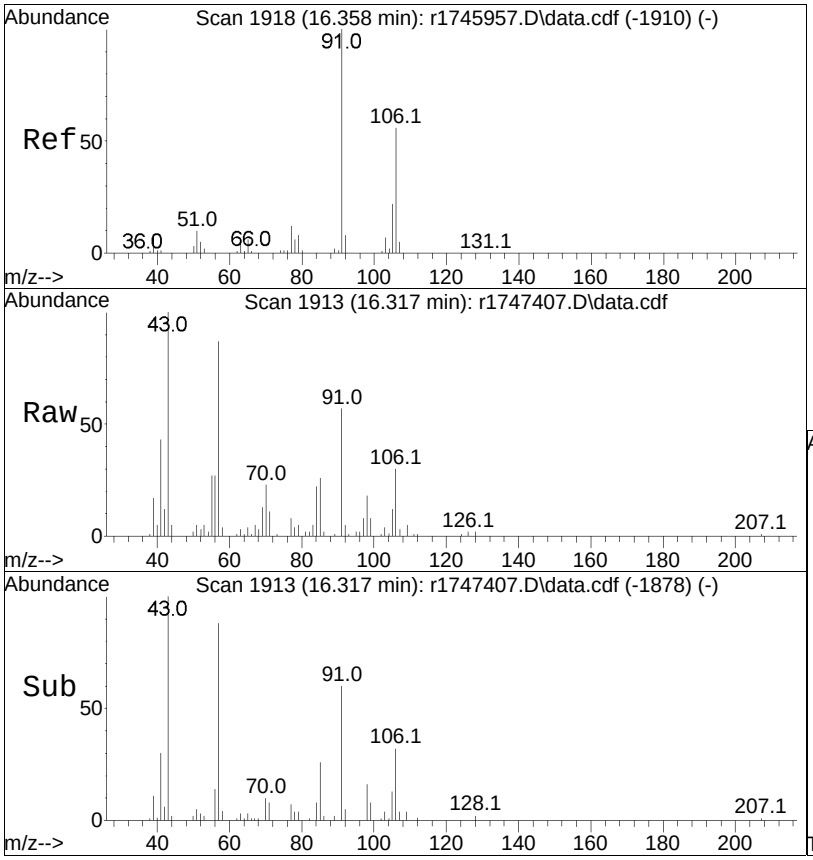


#81
ethylbenzene
Concen: 0.10 ppbV
RT: 16.167 min Scan# 1895
Delta R.T. -0.025 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 91 Resp: 7465

Ion	Ratio	Lower	Upper
91	100		
106	32.8	28.5	42.7

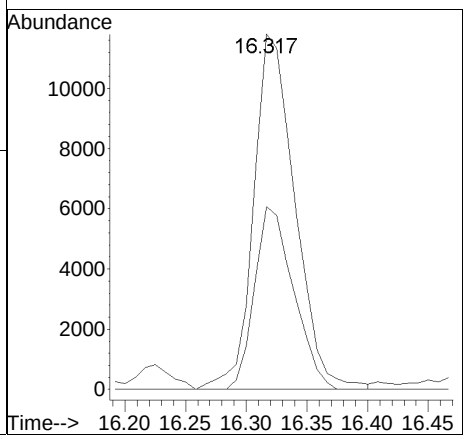


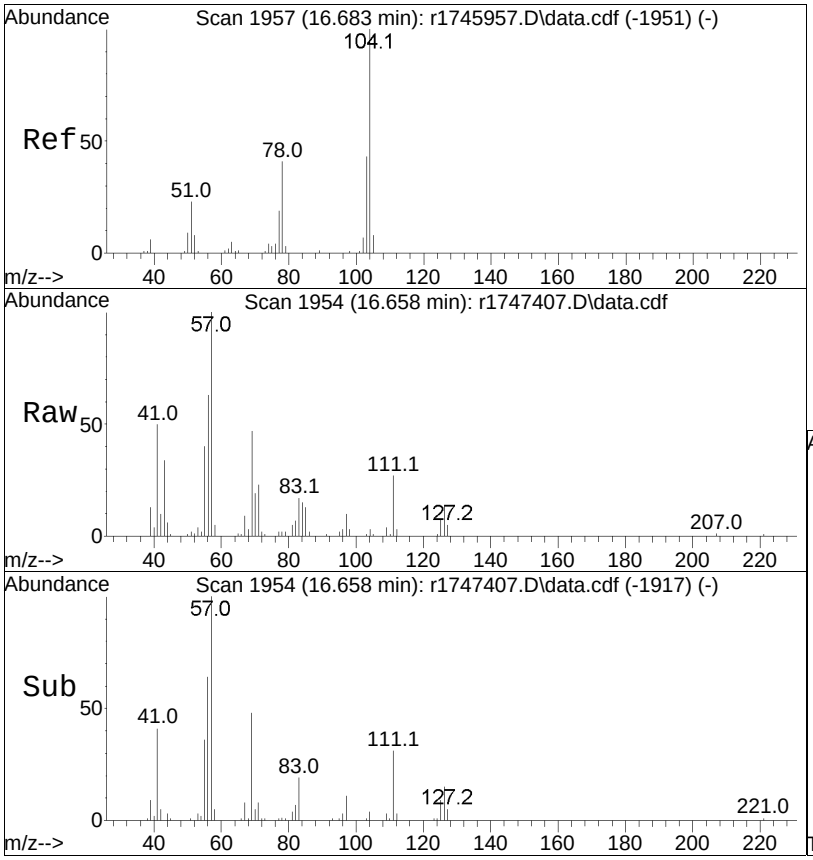


#83
m+p-xylene
Concen: 0.46 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. -0.042 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 91 Resp: 27993

Ion	Ratio	Lower	Upper
91	100		
106	51.5	44.7	67.1

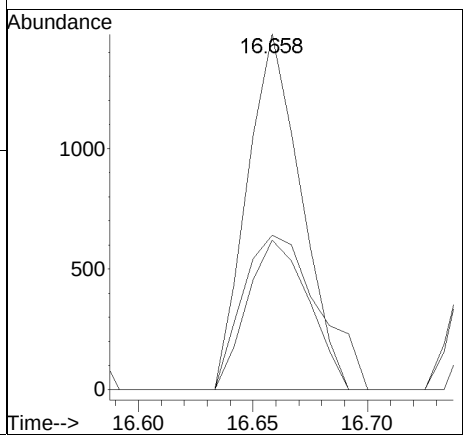


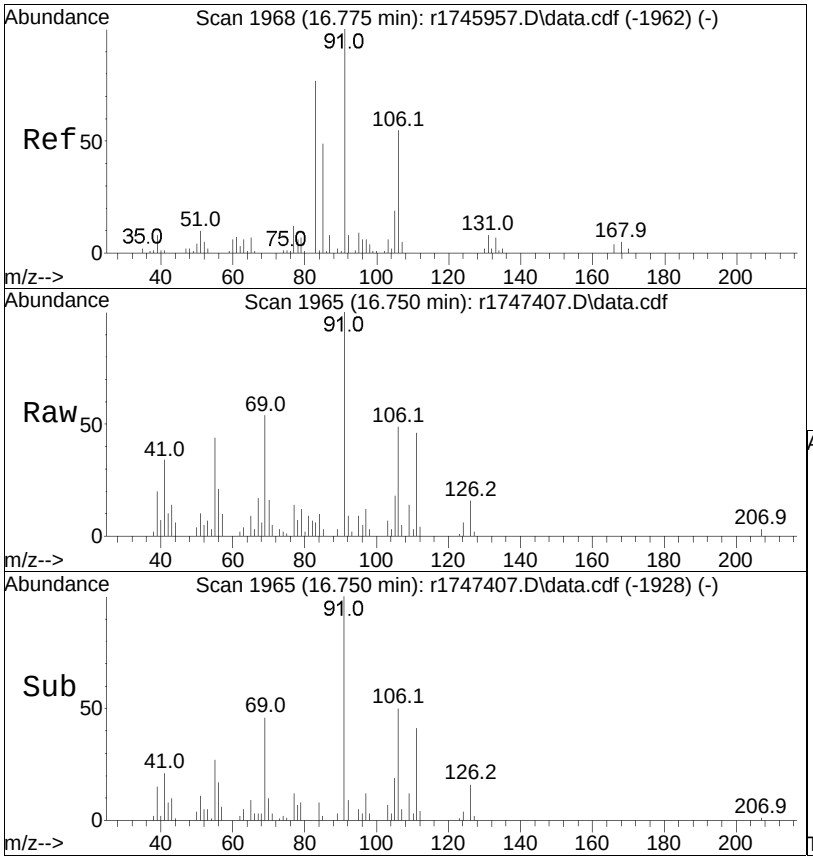


#85
styrene
Concen: 0.05 ppbV
RT: 16.658 min Scan# 1954
Delta R.T. -0.025 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:104 Resp: 2413

Ion	Ratio	Lower	Upper
104	100		
103	42.0	34.1	51.1
78	43.4	32.7	49.1

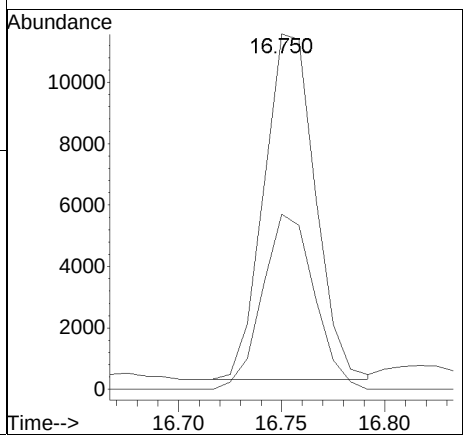


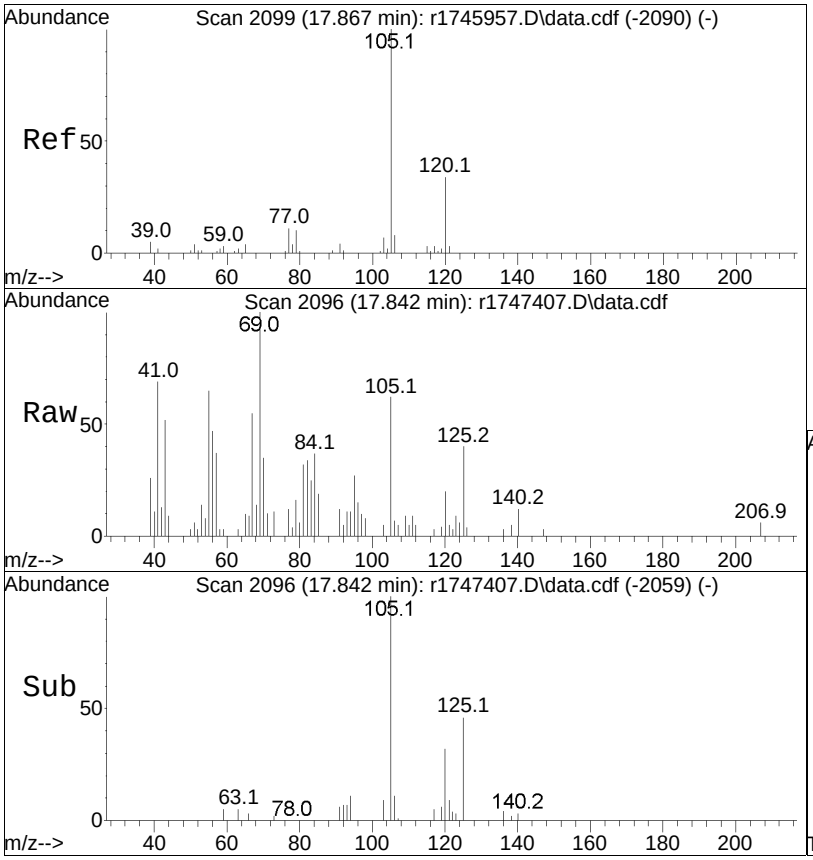


#87
o-xylene
Concen: 0.32 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. -0.025 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion: 91 Resp: 19403

Ion	Ratio	Lower	Upper
91	100		
106	49.3	43.9	65.9

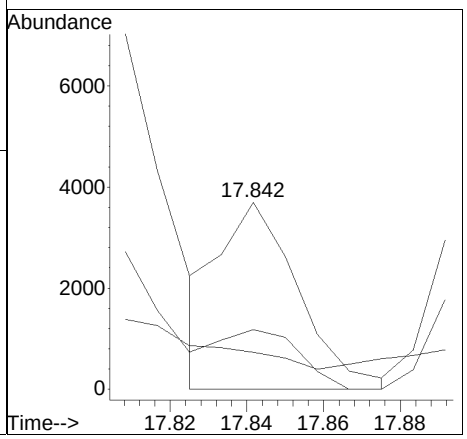


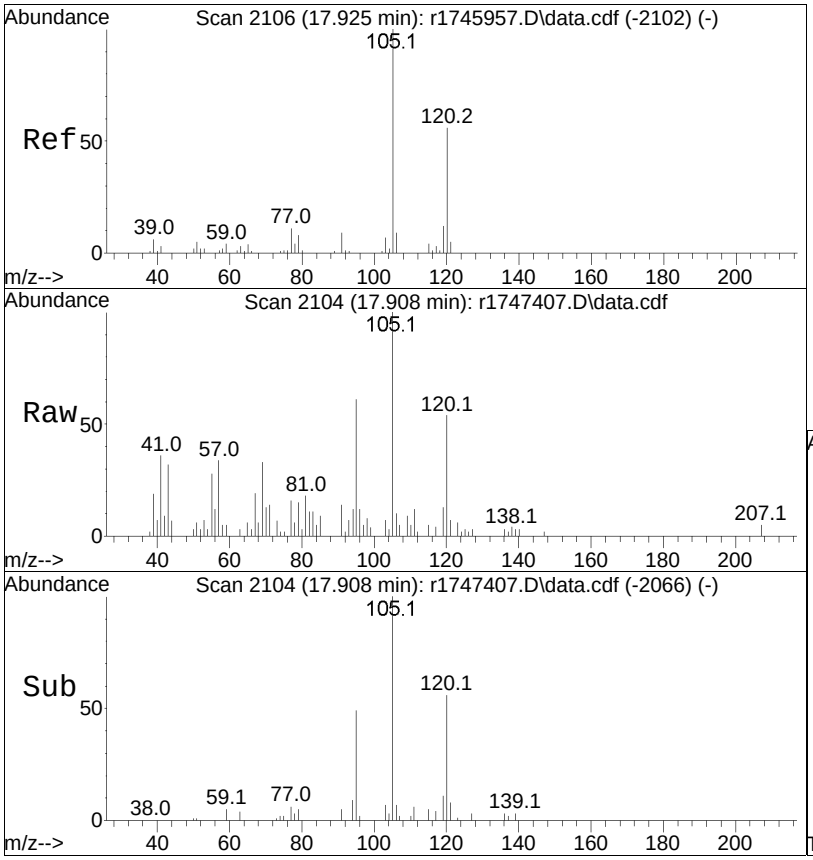


#96
4-ethyl toluene
Concen: 0.06 ppbV m
RT: 17.842 min Scan# 2096
Delta R.T. -0.025 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:105 Resp: 5333

Ion	Ratio	Lower	Upper
105	100		
120	32.0	26.9	40.3
91	19.9	7.8	11.6#

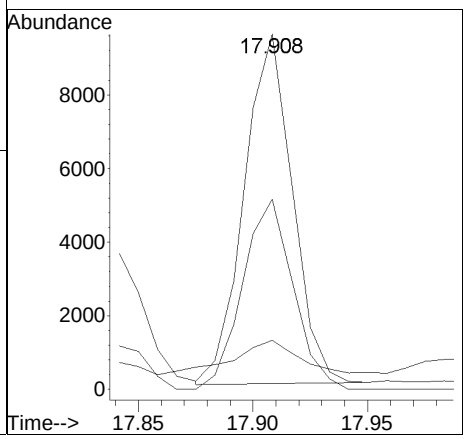


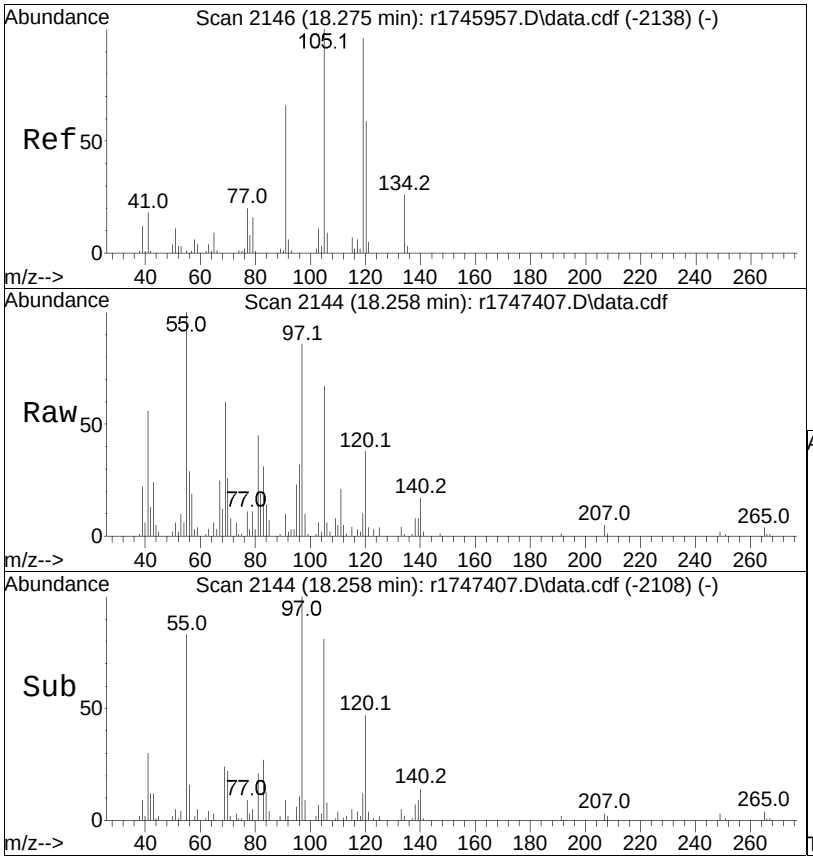


#97
1,3,5-trimethylbenzene
Concen: 0.20 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. -0.017 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:105 Resp: 13931

Ion	Ratio	Lower	Upper
105	100		
120	53.5	44.6	66.8
91	13.8	7.4	11.0#

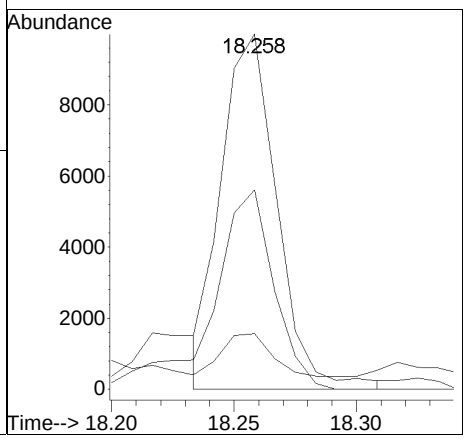




#99
1,2,4-trimethylbenzene
Concen: 0.23 ppbV m
RT: 18.258 min Scan# 2144
Delta R.T. -0.017 min
Lab File: r1747407.D
Acq: 4 Mar 2025 2:09 AM

Tgt Ion:105 Resp: 15904

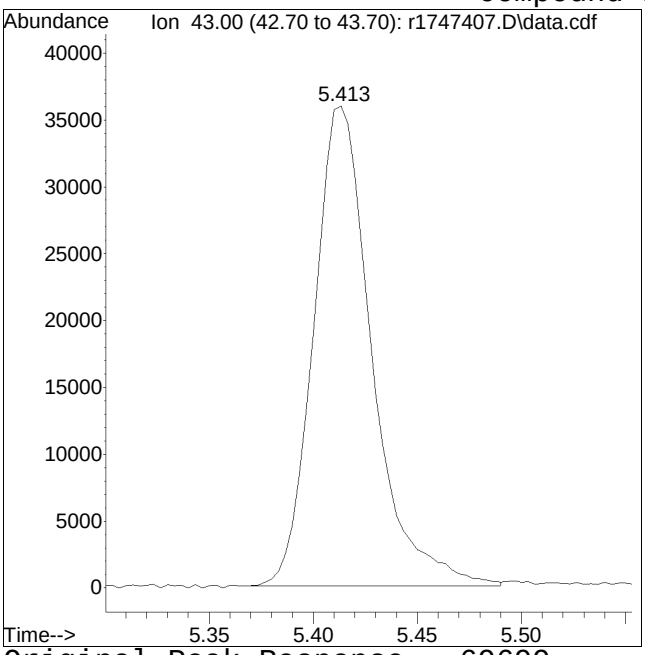
Ion	Ratio	Lower	Upper
105	100		
120	56.2	47.1	70.7
91	15.7	53.0	79.4#



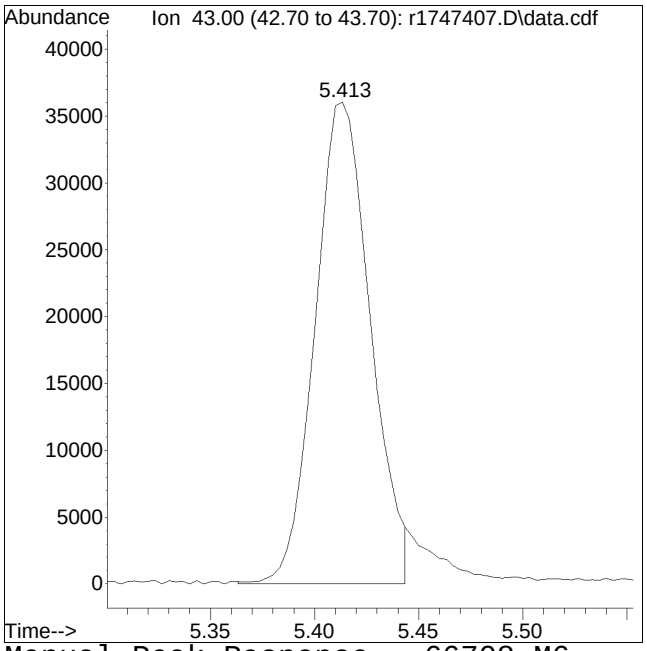
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1747407.D Operator : AIRLAB17:TPH
Date Inj'd : 3/4/2025 2:09 AM Instrument :
Sample : L2508885-03D,3,116.55,250 Quant Date : 3/4/2025 7:33 am

Compound #19: acetone



Original Peak Response = 69699



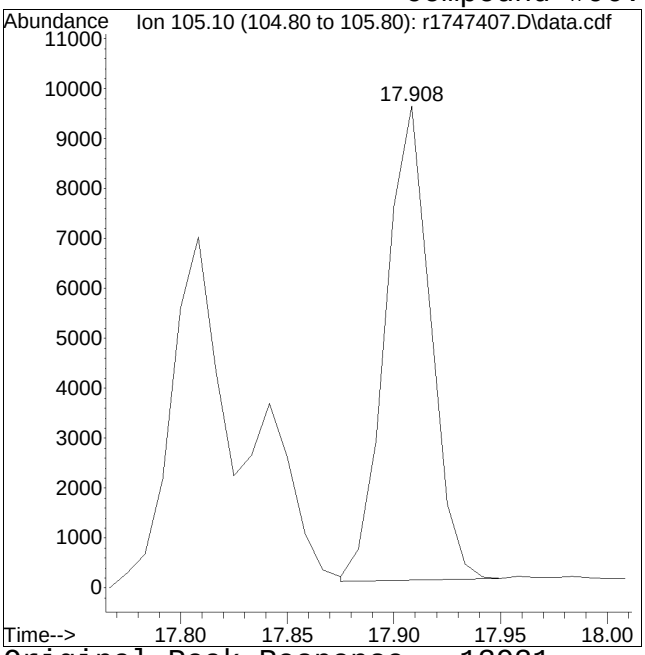
Manual Peak Response = 66708 M6

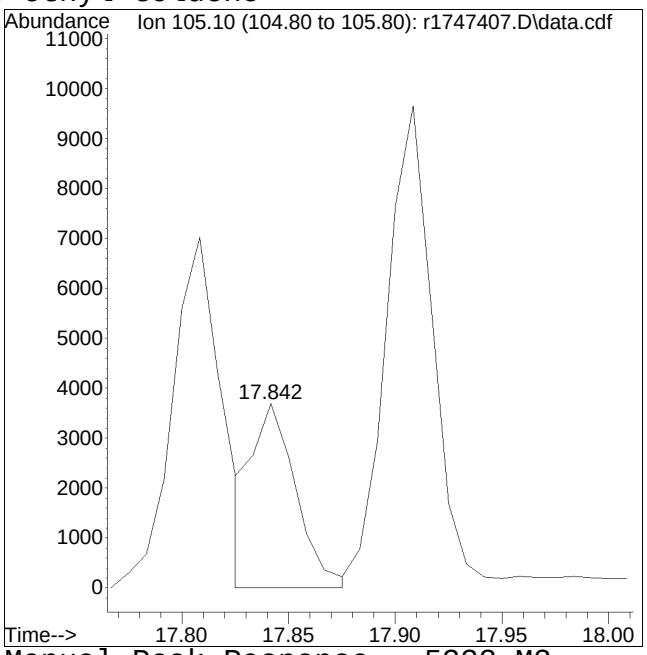
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1747407.D Operator : AIRLAB17:TPH
Date Inj'd : 3/4/2025 2:09 AM Instrument :
Sample : L2508885-03D,3,116.55,250 Quant Date : 3/4/2025 7:33 am

Compound #96: 4-ethyl toluene





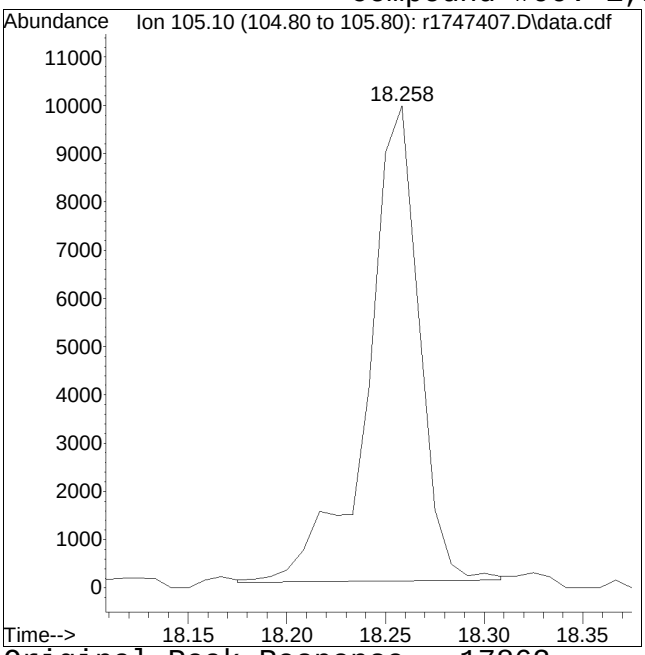
Original Peak Response = 13931 Manual Peak Response = 5333 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

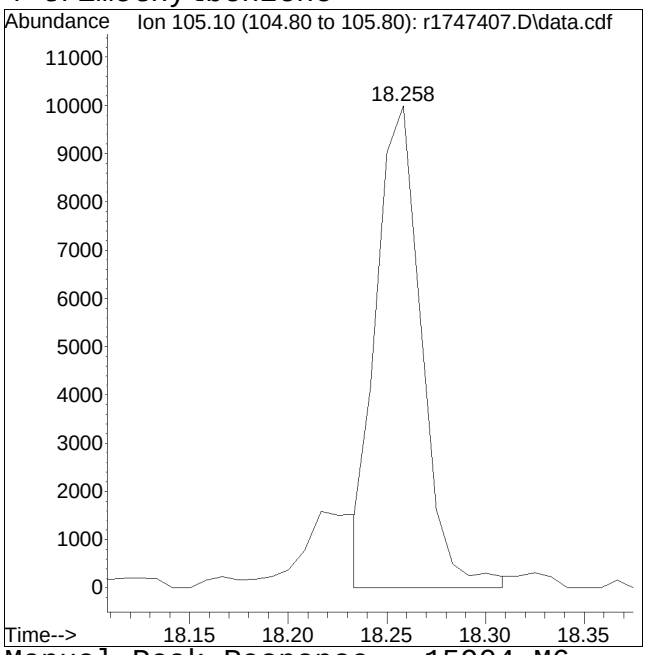
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747407.D
Date Inj'd : 3/4/2025 2:09 AM
Sample : L2508885-03D,3,116.55,250

Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:33 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 17862



Manual Peak Response = 15904 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747408.D
Acq On : 4 Mar 2025 2:46 AM
Operator : AIRLAB17:TPH
Sample : L2508885-04D,3,126.27,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:58 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	249591	10.000	ppbV	-0.04
Standard Area = 252892			Recovery = 98.69%			
43) 1,4-difluorobenzene	10.990	114	657931	10.000	ppbV	-0.04
Standard Area = 698345			Recovery = 94.21%			
67) chlorobenzene-D5	15.767	54	107721	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 109.78%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.850	85	9123	0.366	ppbV	97
6) chloromethane	4.000	50	2231	0.165	ppbV	92
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.912	31	175558	18.697	ppbV	91
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.410	43	97369M6	5.080	ppbV	
21) trichlorofluoromethane	5.600	101	3114	0.141	ppbV	99
22) isopropyl alcohol	5.677	45	86194	3.558	ppbV	98
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.414	49	1980	0.113	ppbV #	76
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.	d	
31) Freon 113	6.714	101	1128	0.044	ppbV	99
32) trans-1,2-dichloroethene	7.442		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	7.683		0	N.D.		
36) 2-butanone	8.108	43	7539	0.232	ppbV	94
37) cis-1,2-dichloroethene	8.592	61	4108	0.240	ppbV	96
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	8.933	83	4956	0.209	ppbV #	95
40) Tetrahydrofuran	9.392	42	1821	0.095	ppbV	90
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.858	57	8952	0.421	ppbV #	1

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747408.D
Acq On : 4 Mar 2025 2:46 AM
Operator : AIRLAB17:TPH
Sample : L2508885-04D,3,126.27,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:58 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	10.563	78	12639	0.273	ppbV	98
52) carbon tetrachloride	10.737	117	889	0.051	ppbV #	87
53) cyclohexane	10.883	56	2984	0.132	ppbV	92
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	11.790	130	106654	5.107	ppbV	100
60) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
62) heptane	12.163	43	2429	0.076	ppbV #	79
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	12.858		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	13.958	91	27462	0.448	ppbV	96
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.150	166	1990	0.079	ppbV	98
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.158	91	10174	0.129	ppbV	100
83) m+p-xylene	16.317	91	27255	0.438	ppbV	95
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.	d	
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	16.750	91	13938	0.223	ppbV	91
96) 4-ethyl toluene	17.842	105	3379M3	0.040	ppbV	
97) 1,3,5-trimethylbenzene	17.908	105	18555	0.260	ppbV #	98
99) 1,2,4-trimethylbenzene	18.258	105	9830	0.139	ppbV #	67
101) Benzyl Chloride	18.375		0	N.D.		
102) 1,3-dichlorobenzene	18.450		0	N.D.		
103) 1,4-dichlorobenzene	18.450		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747408.D
Acq On : 4 Mar 2025 2:46 AM
Operator : AIRLAB17:TPH
Sample : L2508885-04D,3,126.27,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:58 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

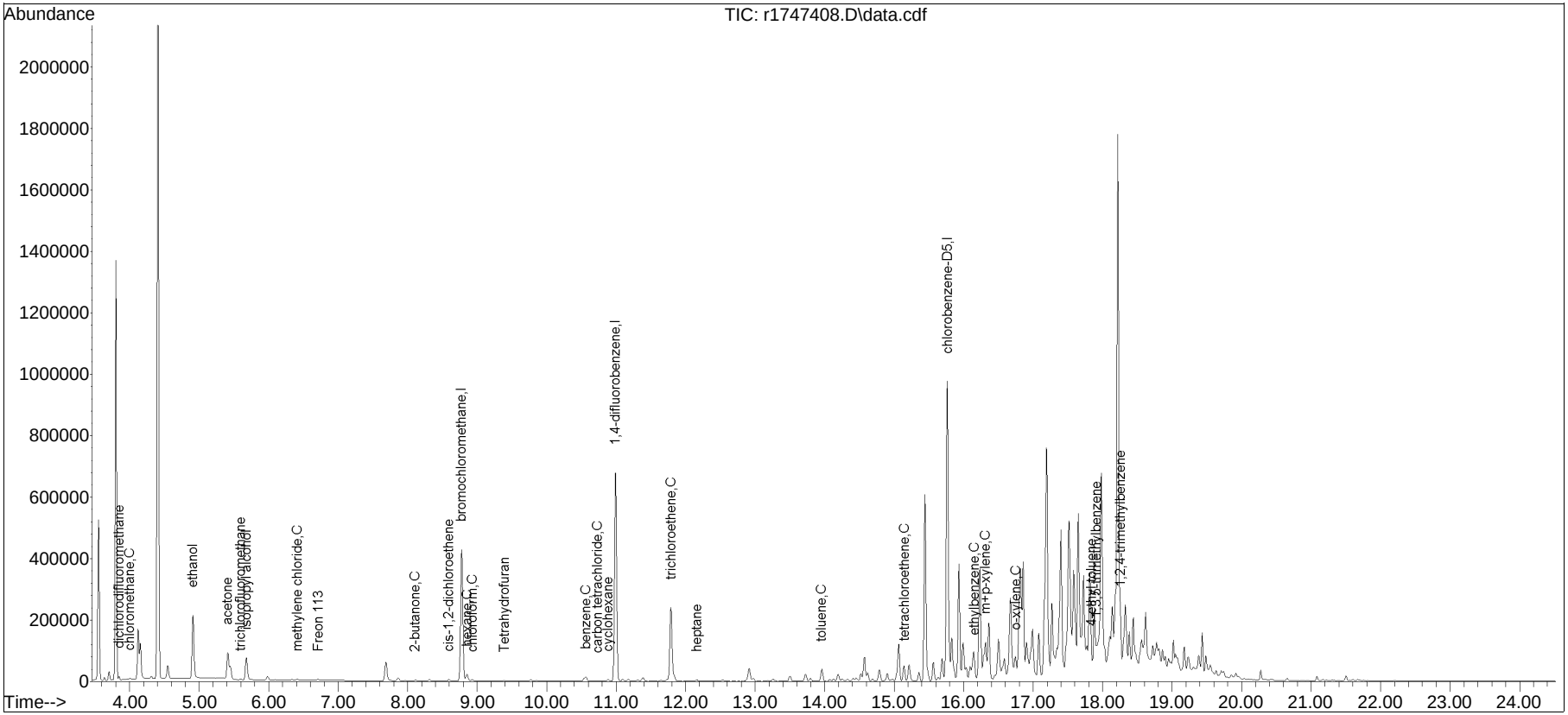
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Sub List : TO15-NY+Naphthalene - .

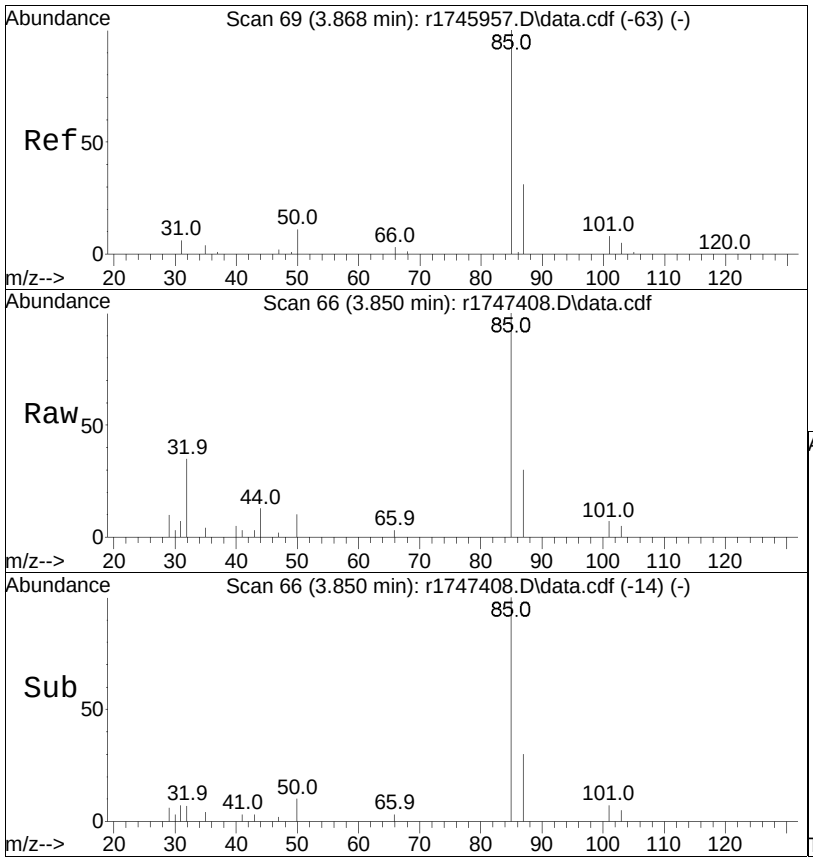
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\03\0303T\r1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747408.D
Acq On : 4 Mar 2025 2:46 AM
Operator : AIRLAB17:TPH
Sample : L2508885-04D,3,126.27,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:33:58 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

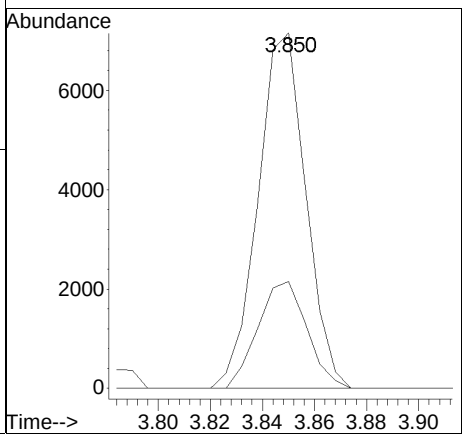


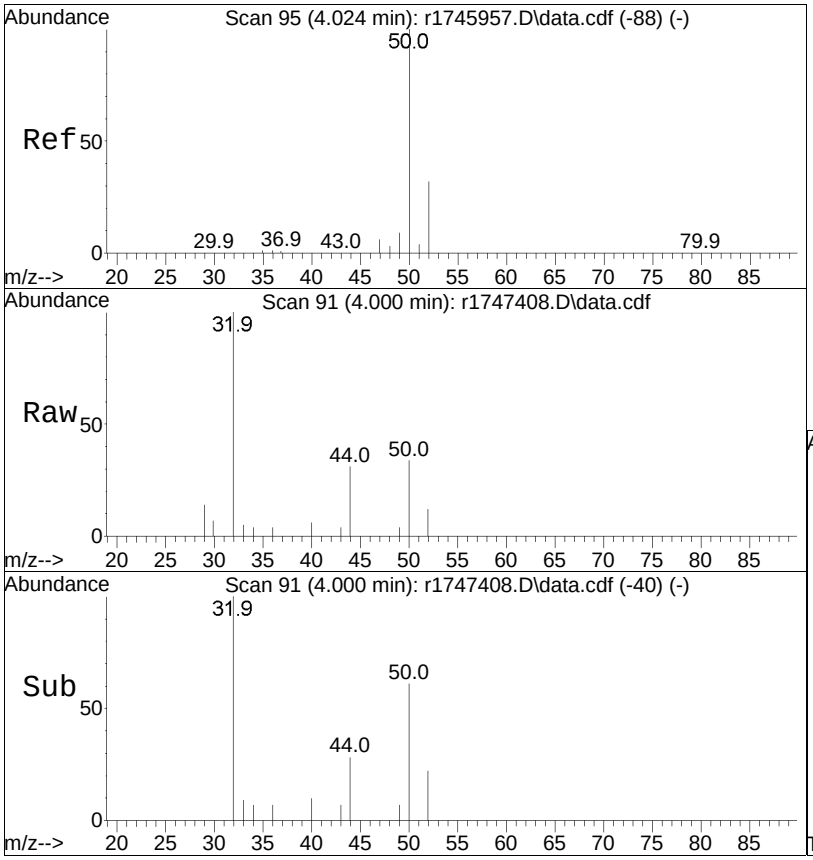


#5
dichlorodifluoromethane
Concen: 0.37 ppbV
RT: 3.850 min Scan# 66
Delta R.T. -0.018 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 85 Resp: 9123

Ion	Ratio	Lower	Upper
85	100		
87	30.1	25.2	37.8

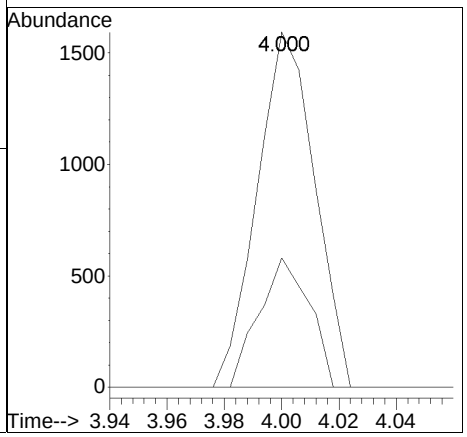


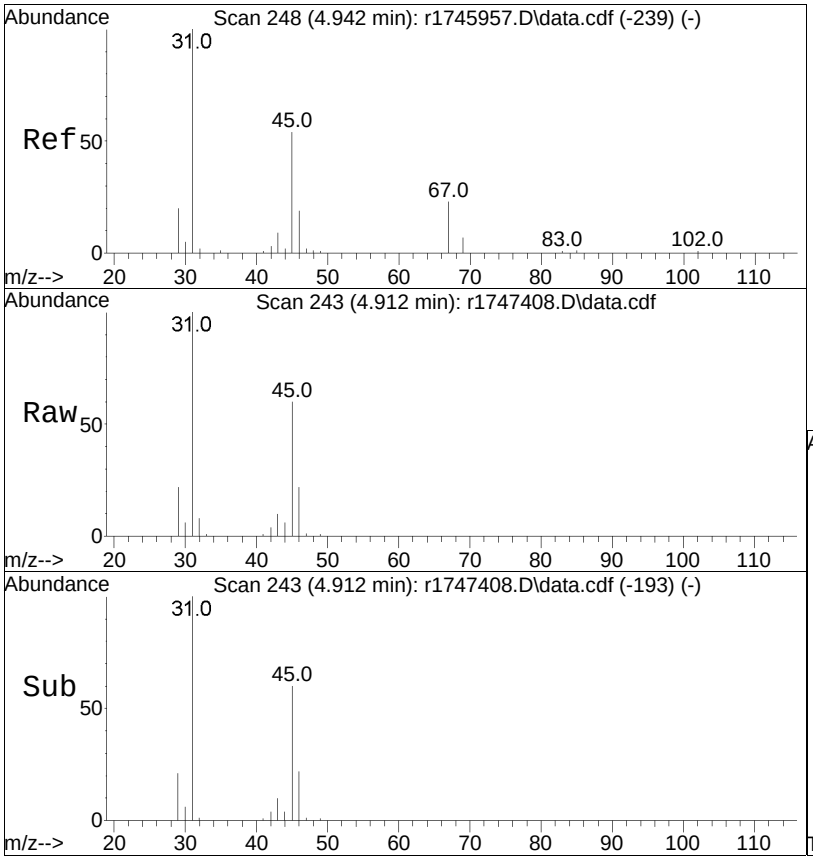


#6
chloromethane
Concen: 0.17 ppbV
RT: 4.000 min Scan# 91
Delta R.T. -0.024 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 50 Resp: 2231

Ion	Ratio	Lower	Upper
50	100		
52	36.4	25.4	38.2

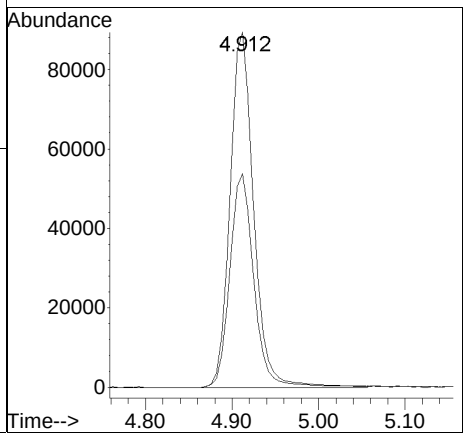


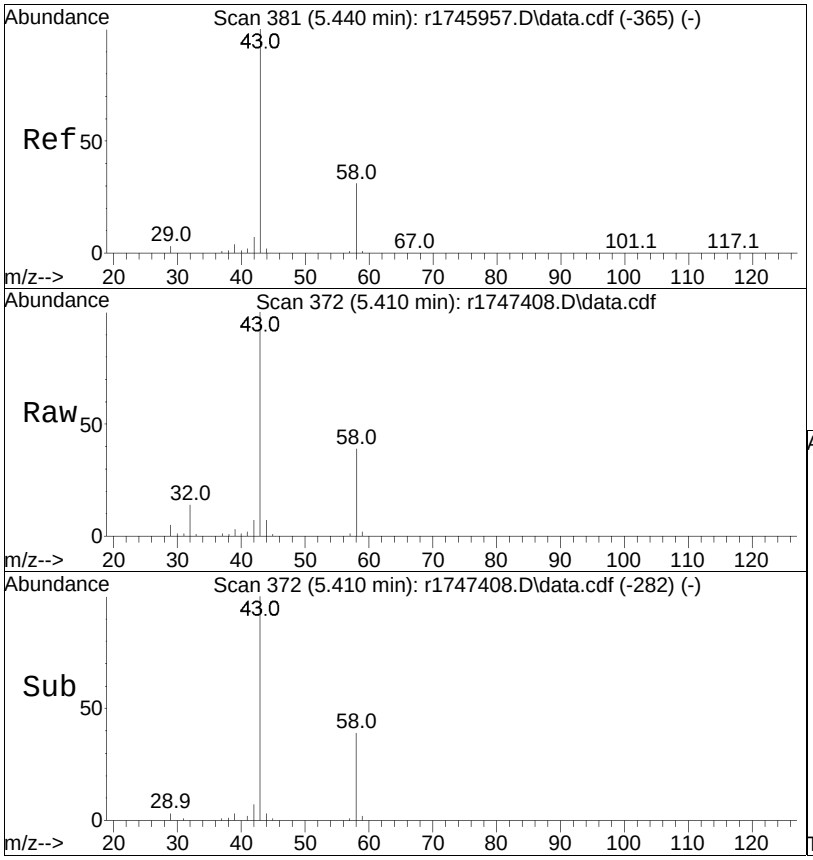


#15
ethanol
Concen: 18.70 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.030 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 31 Resp: 175558

Ion	Ratio	Lower	Upper
31	100		
45	60.1	43.0	64.6

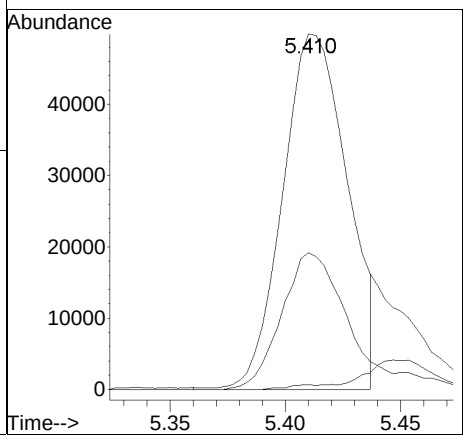


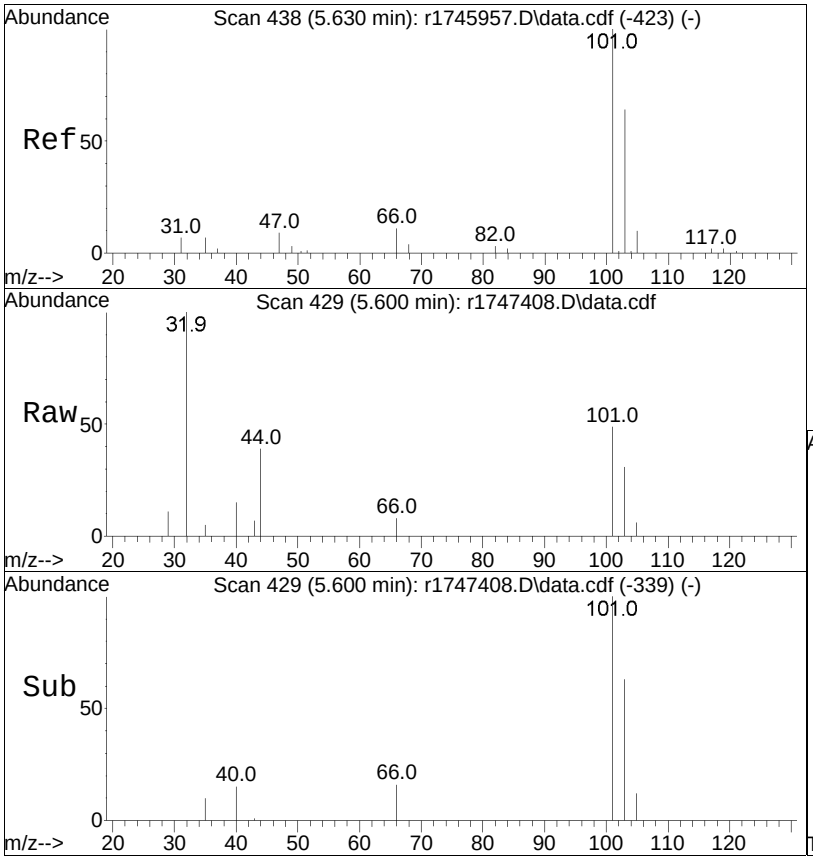


#19
acetone
Concen: 5.08 ppbV m
RT: 5.410 min Scan# 372
Delta R.T. -0.030 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 43 Resp: 97369

Ion	Ratio	Lower	Upper
43	100		
58	38.5	24.7	37.1#
57	1.3	0.6	0.8#

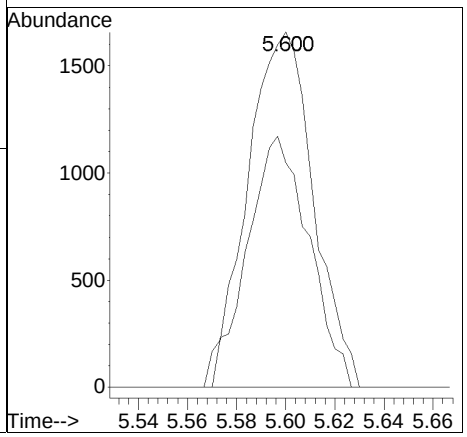


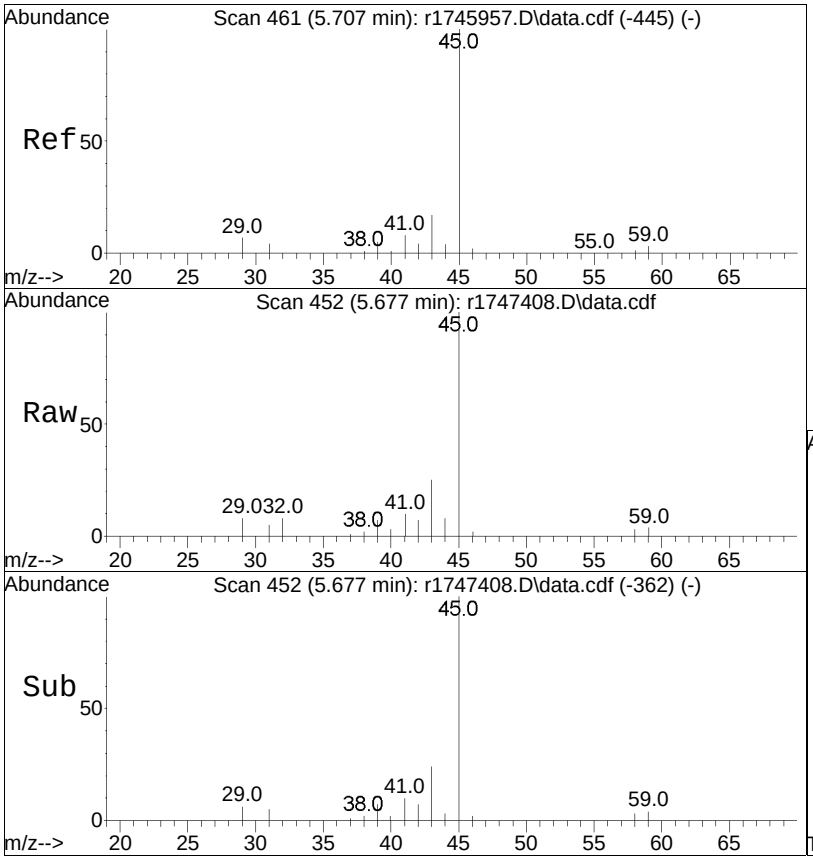


#21
trichlorofluoromethane
Concen: 0.14 ppbV
RT: 5.600 min Scan# 429
Delta R.T. -0.030 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:101 Resp: 3114

Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.9	76.3

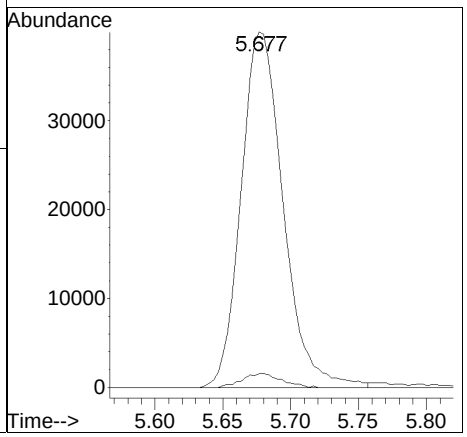


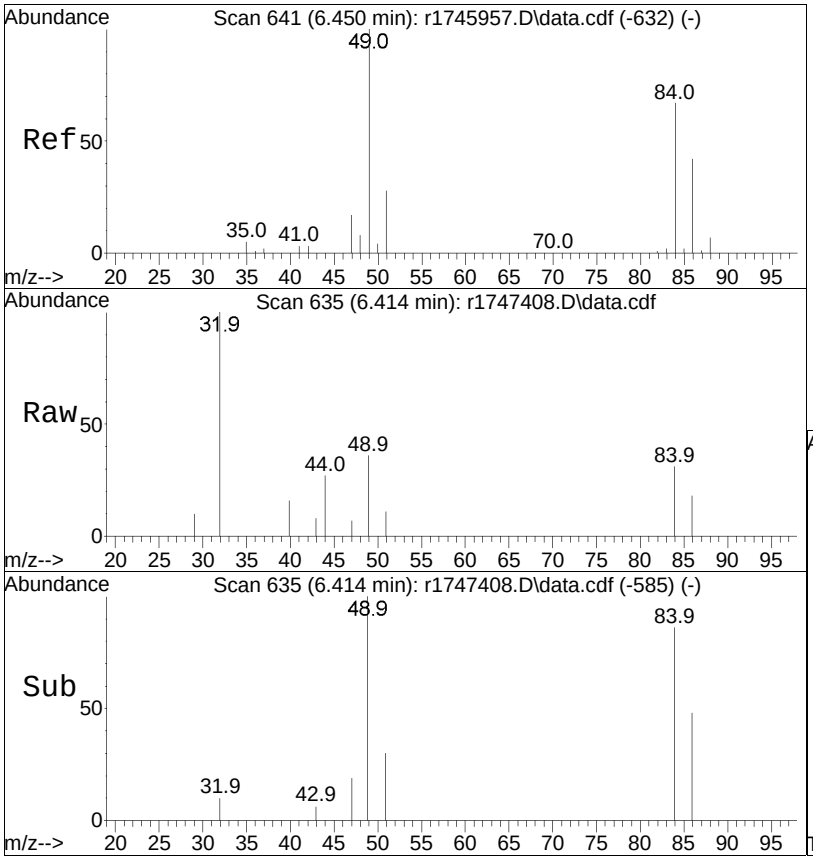


#22
isopropyl alcohol
Concen: 3.56 ppbV
RT: 5.677 min Scan# 452
Delta R.T. -0.030 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 45 Resp: 86194

Ion	Ratio	Lower	Upper
45	100		
59	3.9	2.6	4.0

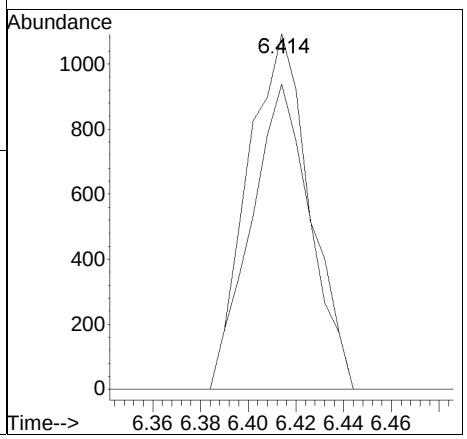


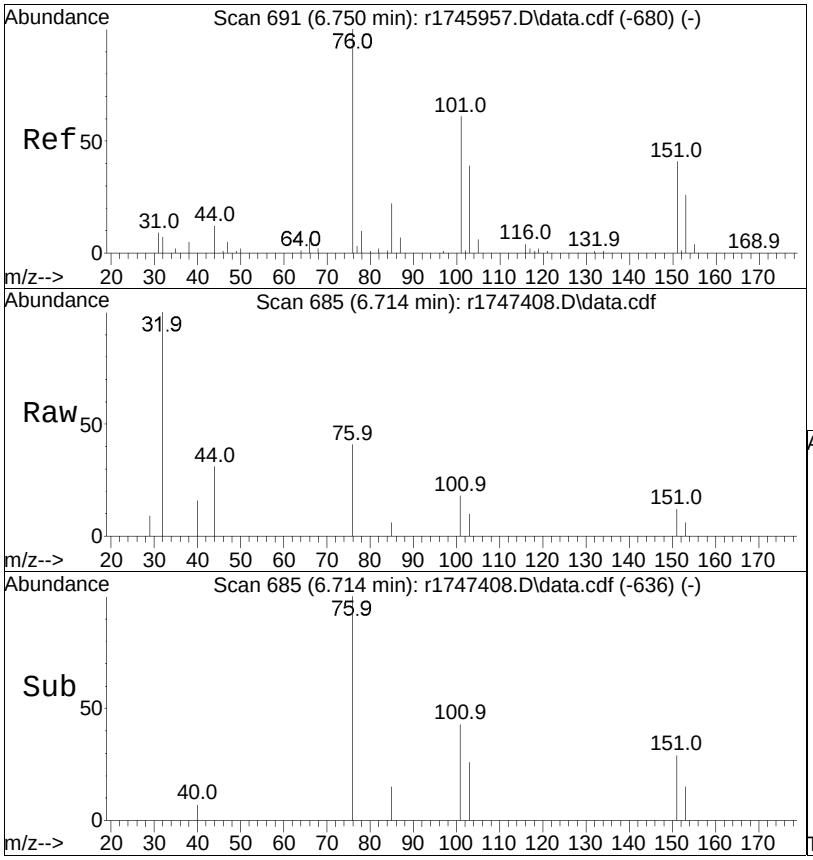


#28
methylene chloride
Concen: 0.11 ppbV
RT: 6.414 min Scan# 635
Delta R.T. -0.036 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 49 Resp: 1980

Ion	Ratio	Lower	Upper
49	100		
84	85.9	53.4	80.0#

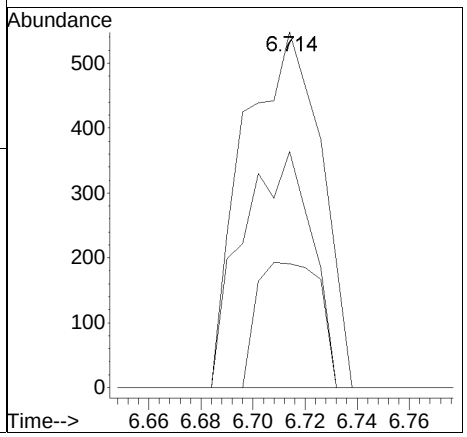


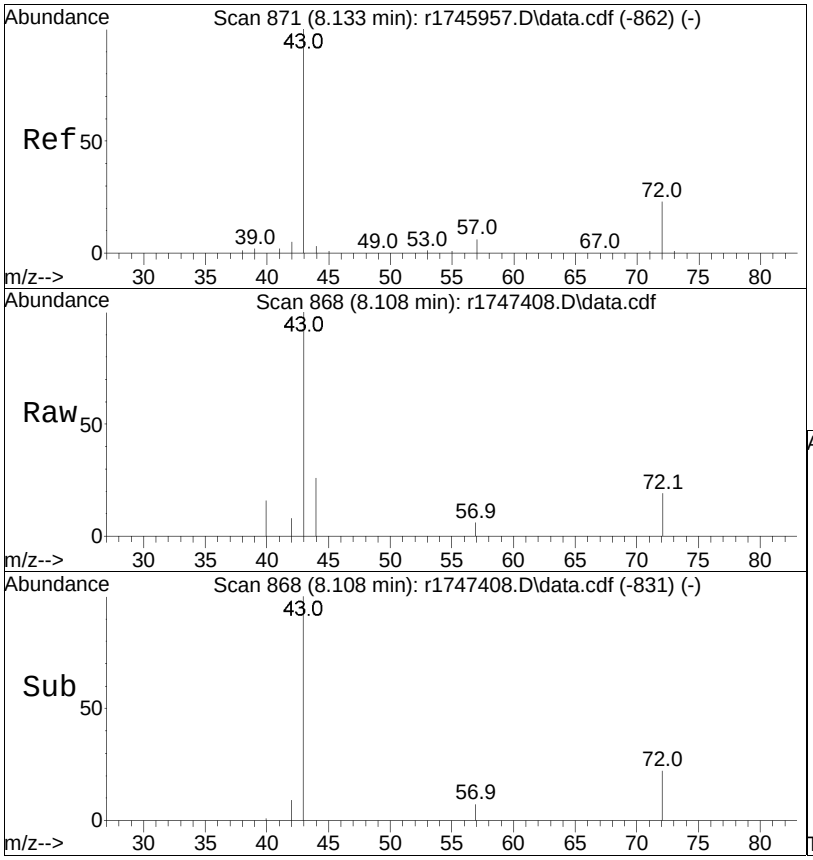


#31
Freon 113
Concen: 0.04 ppbV
RT: 6.714 min Scan# 685
Delta R.T. -0.036 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:101 Resp: 1128

Ion	Ratio	Lower	Upper
101	100		
85	34.9	29.0	43.4
151	66.4	53.6	80.4

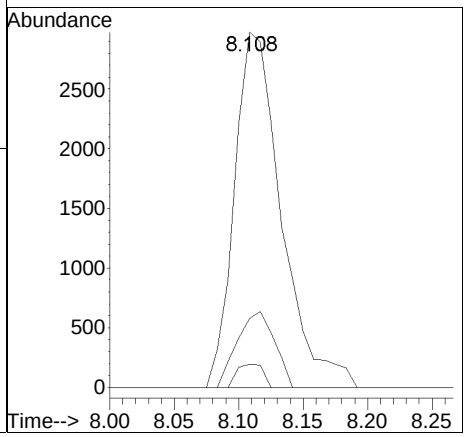


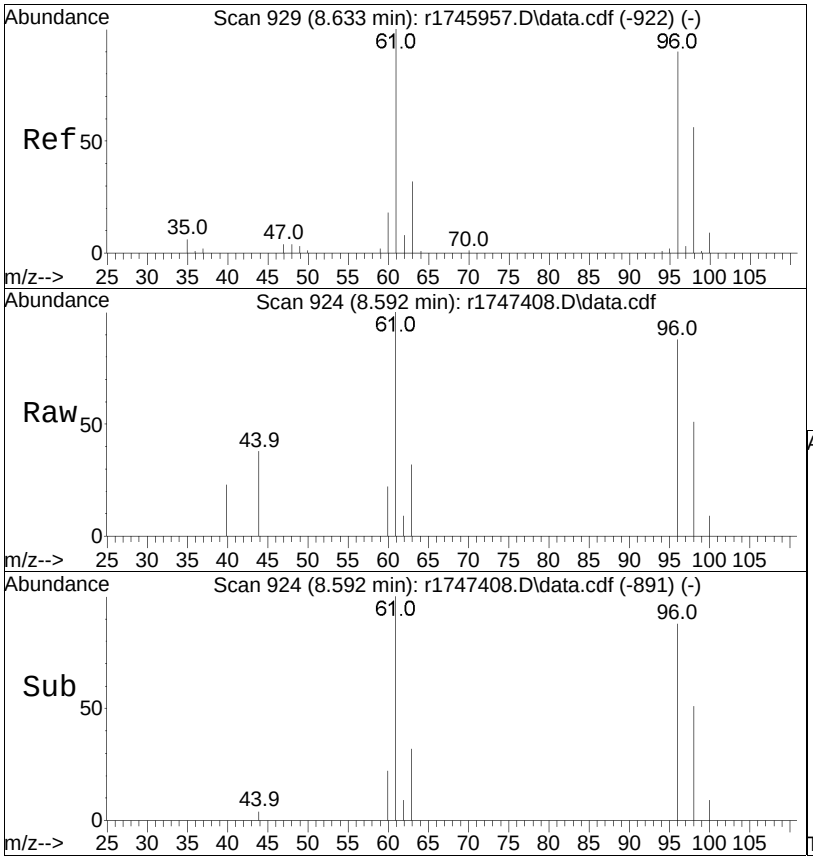


#36
2-butanone
Concen: 0.23 ppbV
RT: 8.108 min Scan# 868
Delta R.T. -0.025 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 43 Resp: 7539

Ion	Ratio	Lower	Upper
43	100		
72	19.4	18.1	27.1
57	6.5	4.6	6.8

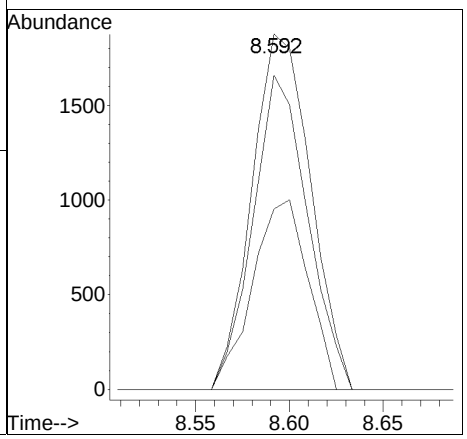


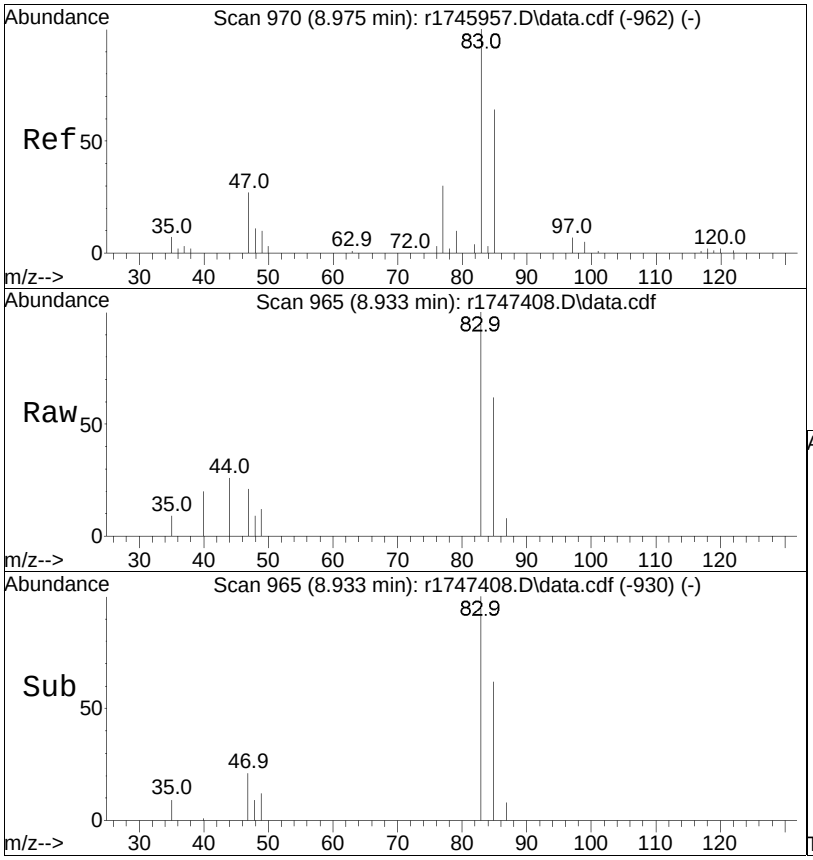


#37
cis-1,2-dichloroethene
Concen: 0.24 ppbV
RT: 8.592 min Scan# 924
Delta R.T. -0.042 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 61 Resp: 4108

Ion	Ratio	Lower	Upper
61	100		
96	88.4	71.6	107.4
98	50.8	45.1	67.7

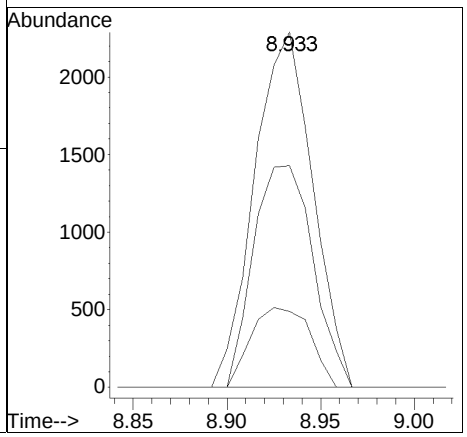


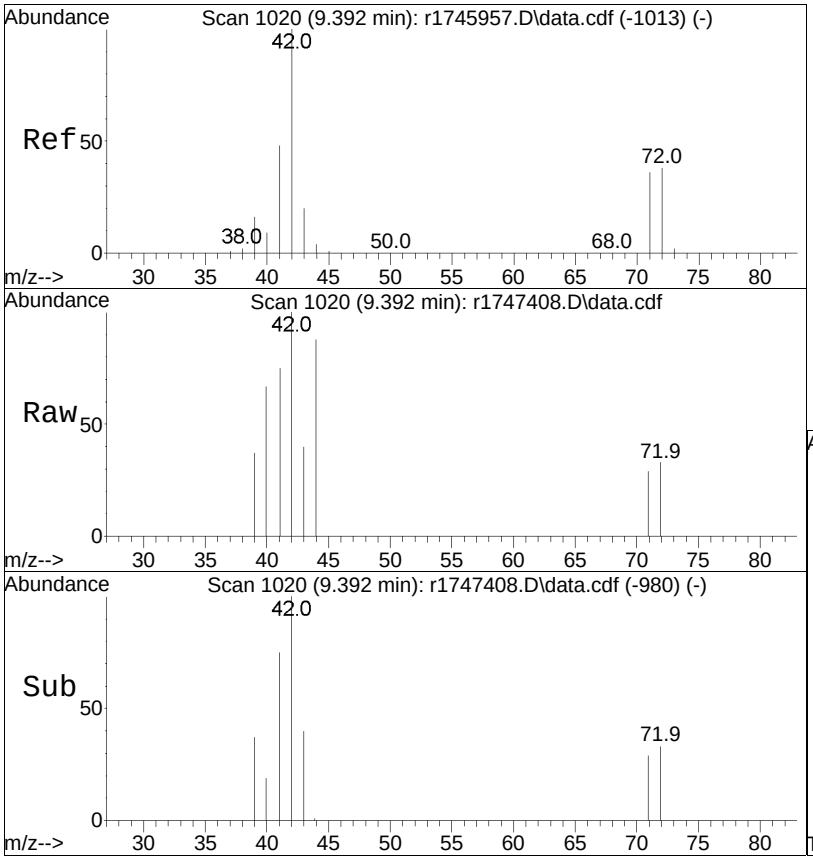


#39
chloroform
Concen: 0.21 ppbV
RT: 8.933 min Scan# 965
Delta R.T. -0.042 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 83 Resp: 4956

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.6	77.4
47	21.4	21.4	32.2#

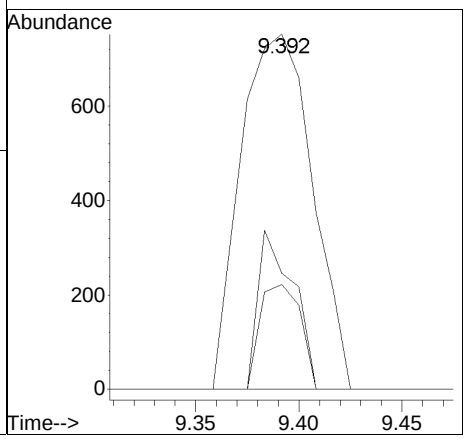


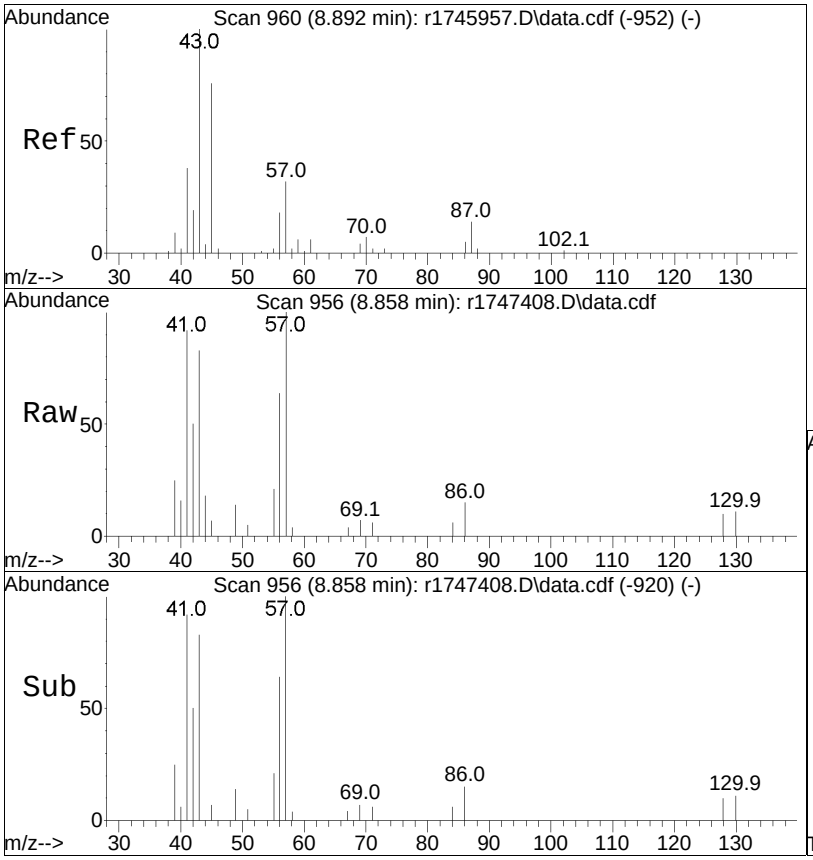


#40
Tetrahydrofuran
Concen: 0.10 ppbV
RT: 9.392 min Scan# 1020
Delta R.T. 0.000 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 42 Resp: 1821

Ion	Ratio	Lower	Upper
42	100		
71	29.5	28.9	43.3
72	32.7	30.1	45.1

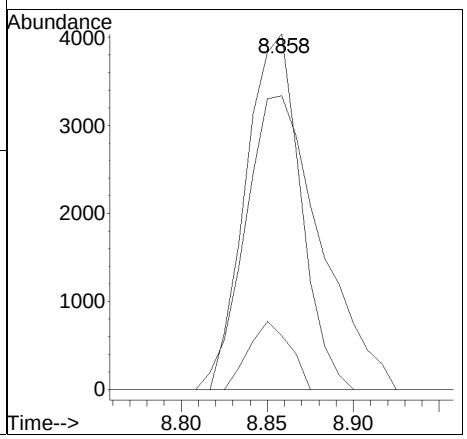


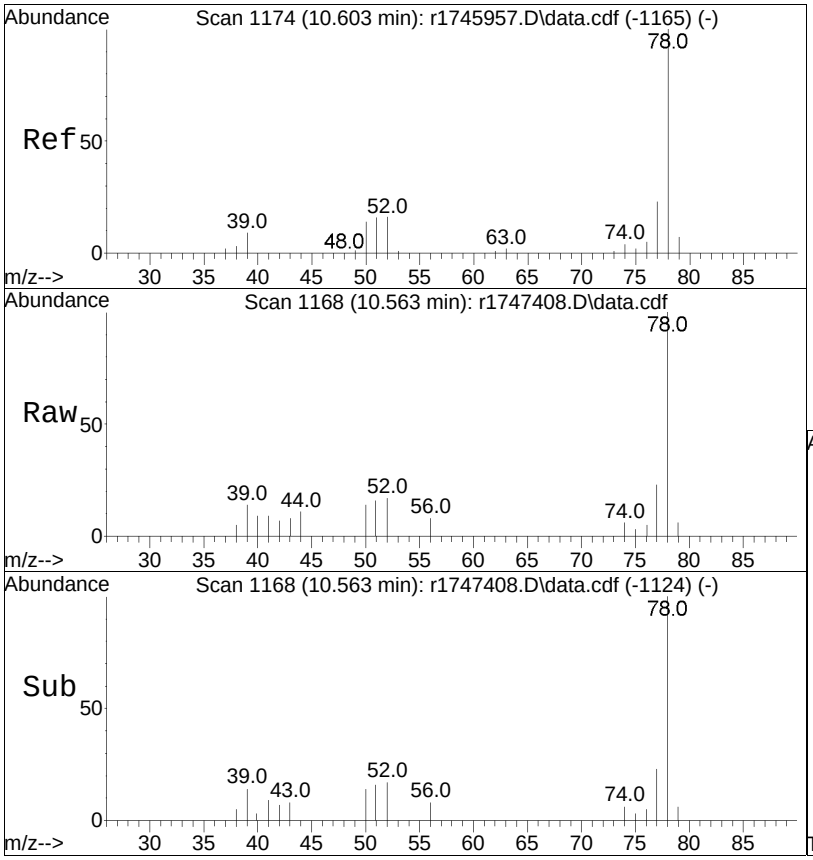


#44
hexane
Concen: 0.42 ppbV
RT: 8.858 min Scan# 956
Delta R.T. -0.033 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 57 Resp: 8952

Ion	Ratio	Lower	Upper
57	100		
43	82.7	247.4	371.0#
86	15.1	12.9	19.3

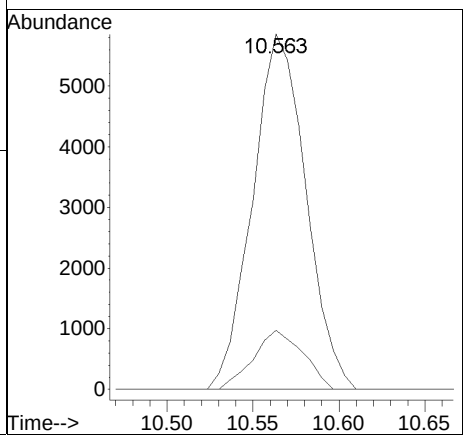


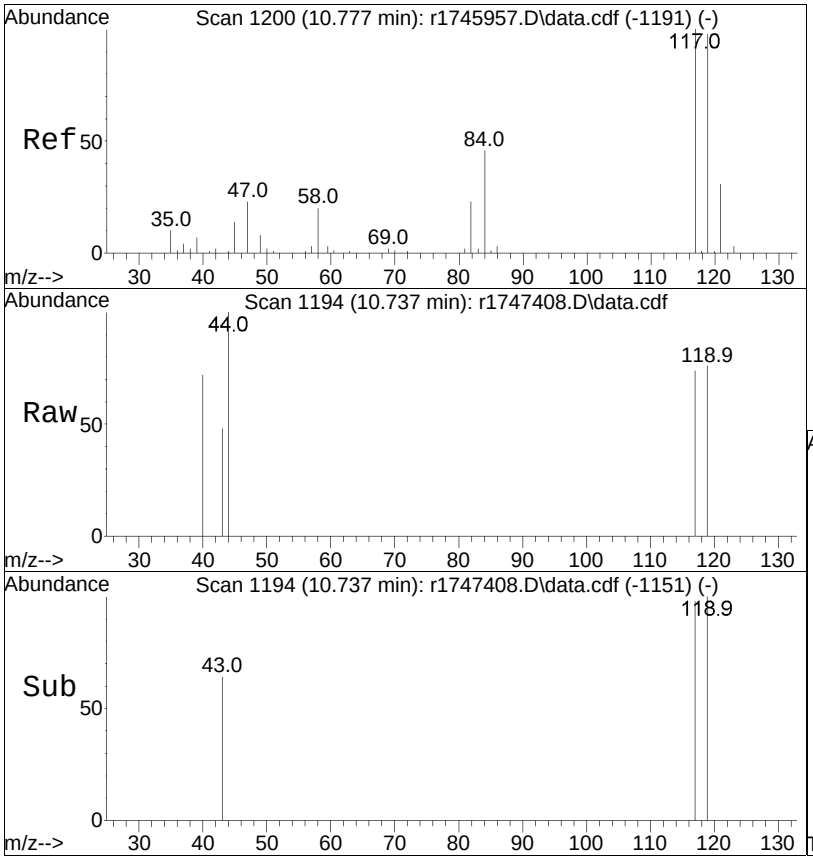


#50
benzene
Concen: 0.27 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. -0.040 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 78 Resp: 12639

Ion	Ratio	Lower	Upper
78	100		
52	16.6	12.5	18.7

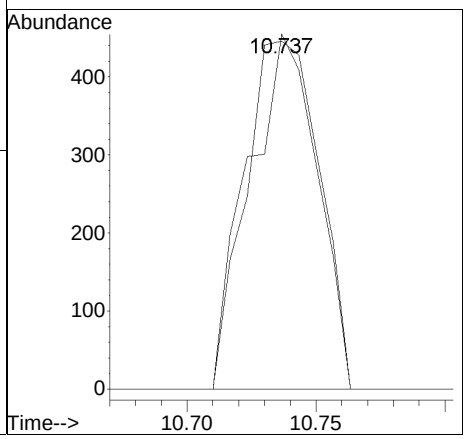


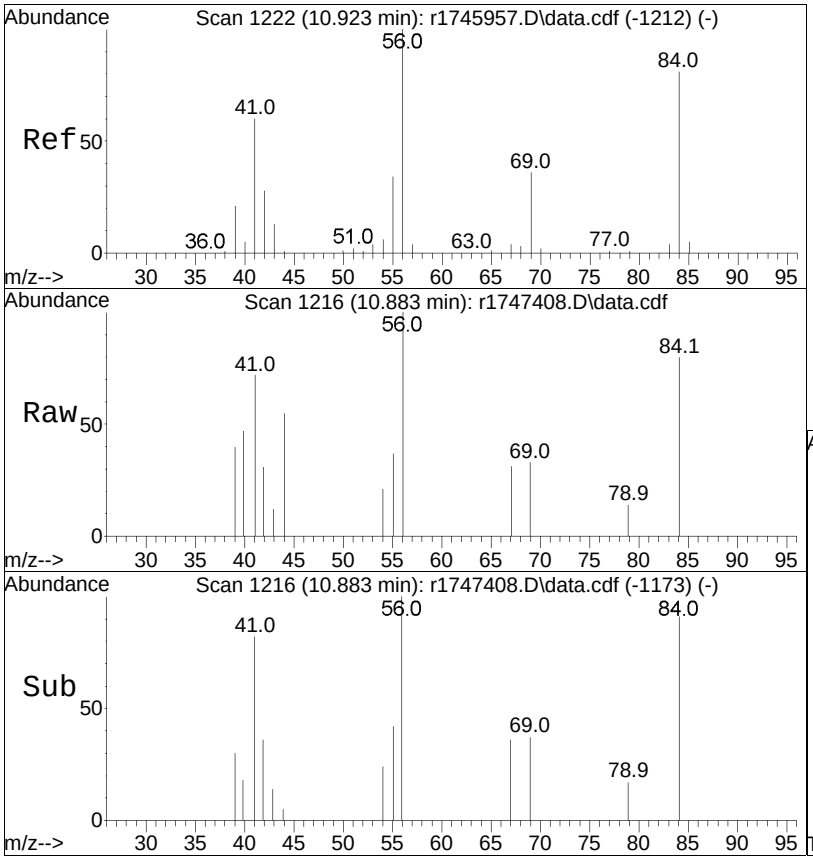


#52
carbon tetrachloride
Concen: 0.05 ppbV
RT: 10.737 min Scan# 1194
Delta R.T. -0.040 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:117 Resp: 889

Ion	Ratio	Lower	Upper
117	100		
119	102.0	78.2	117.2
82	0.0	18.6	28.0#

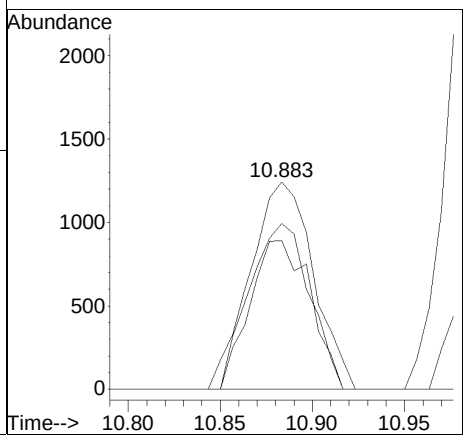


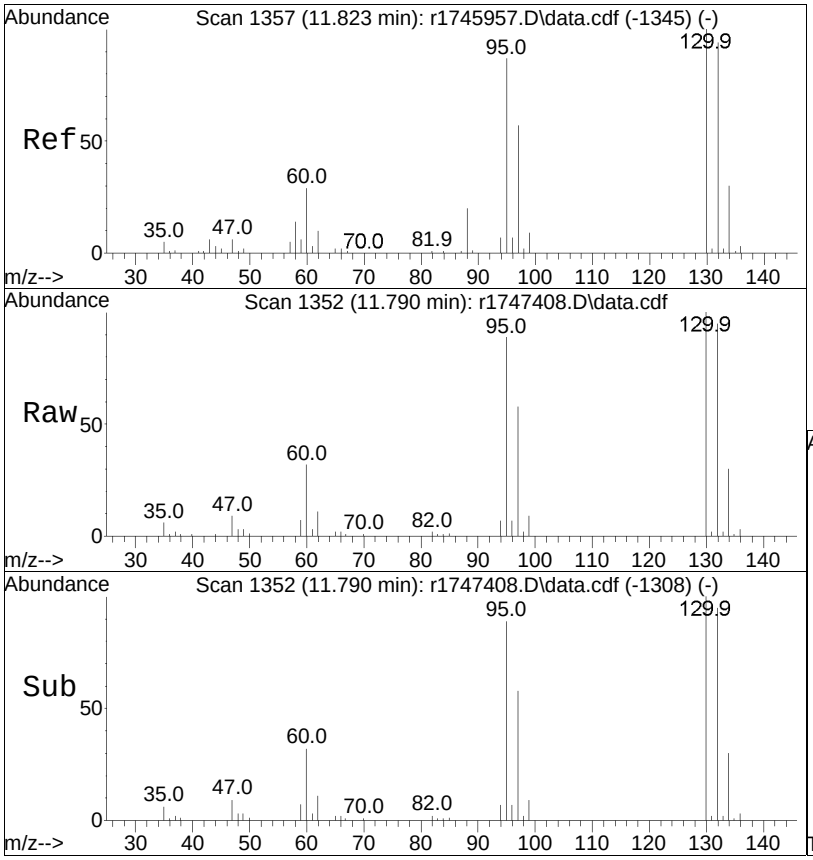


#53
cyclohexane
Concen: 0.13 ppbV
RT: 10.883 min Scan# 1216
Delta R.T. -0.040 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 56 Resp: 2984

Ion	Ratio	Lower	Upper
56	100		
84	80.0	65.4	98.0
41	71.8	48.2	72.4

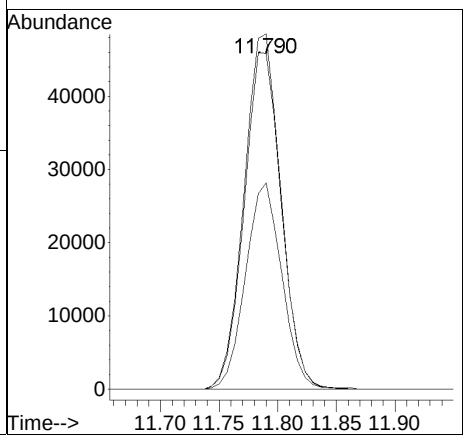


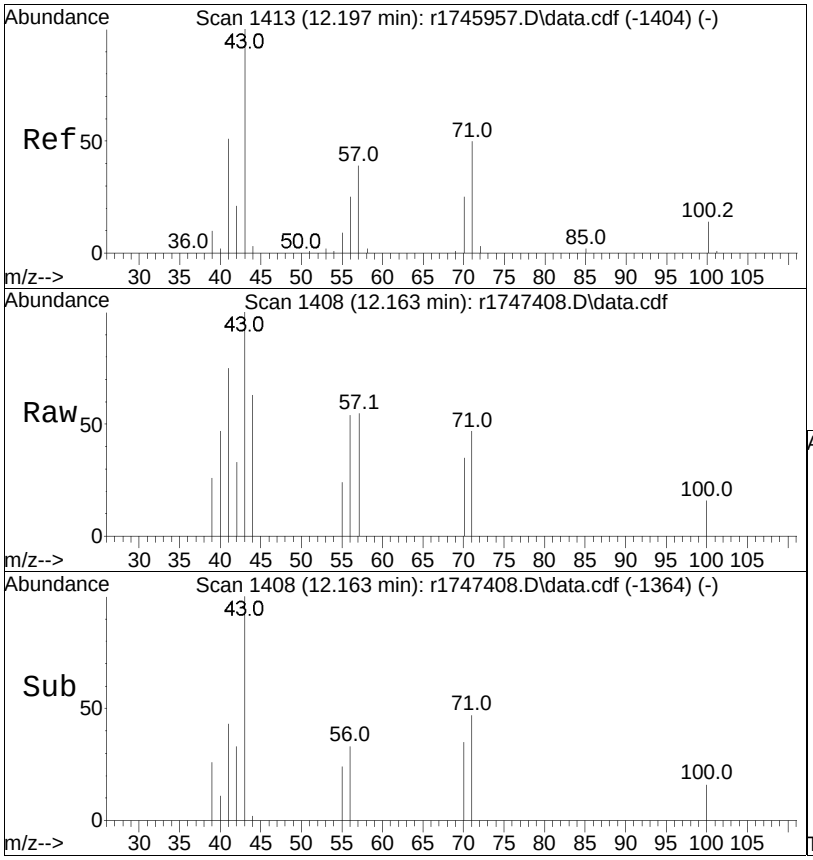


#59
trichloroethene
Concen: 5.11 ppbV
RT: 11.790 min Scan# 1352
Delta R.T. -0.033 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:130 Resp: 106654

Ion	Ratio	Lower	Upper
130	100		
132	94.5	75.5	113.3
97	58.1	45.9	68.9

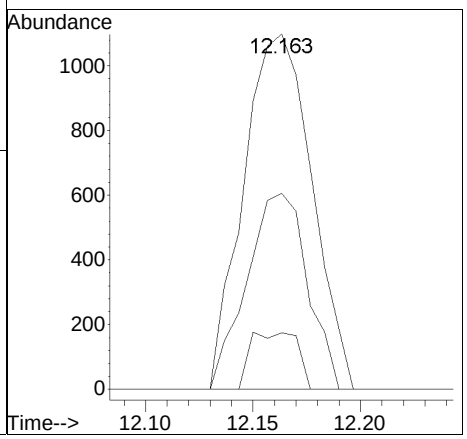


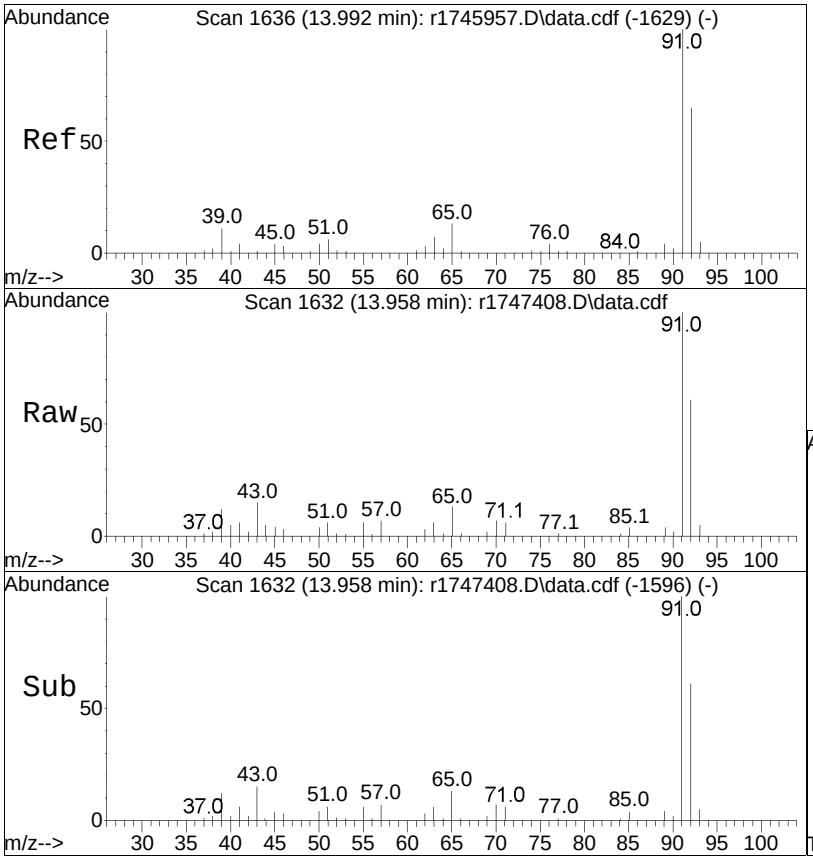


#62
heptane
Concen: 0.08 ppbV
RT: 12.163 min Scan# 1408
Delta R.T. -0.033 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 43 Resp: 2429

Ion	Ratio	Lower	Upper
43	100		
57	55.2	31.1	46.7#
100	15.9	11.4	17.2

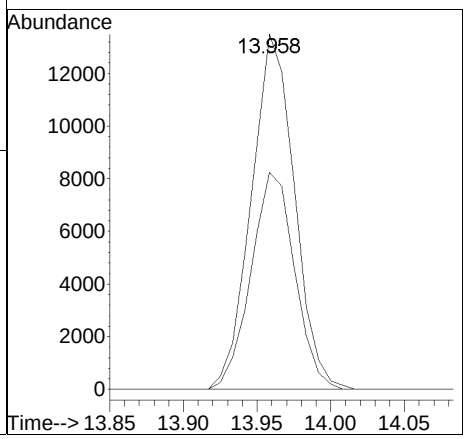


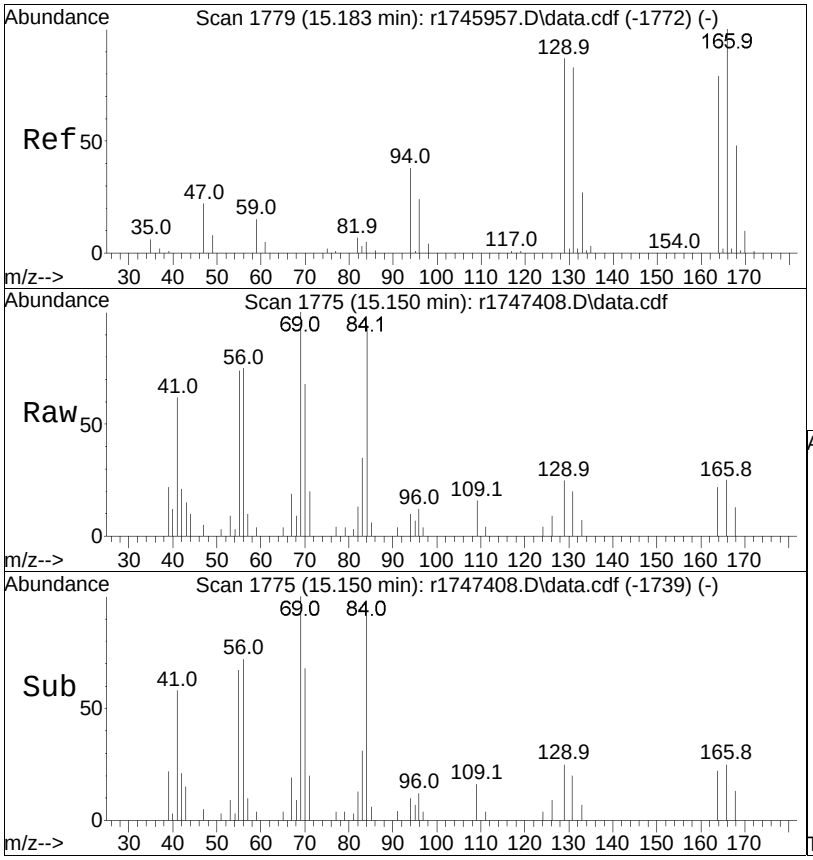


#68
toluene
Concen: 0.45 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. -0.033 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 91 Resp: 27462

Ion	Ratio	Lower	Upper
91	100		
92	61.1	51.7	77.5

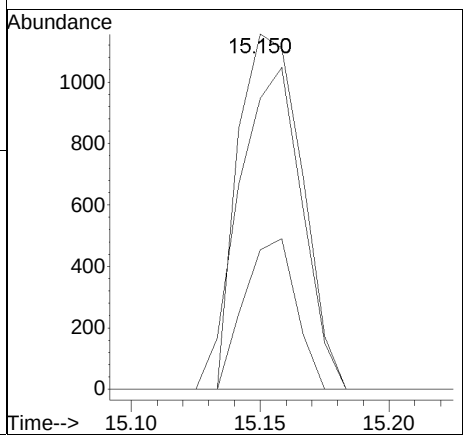


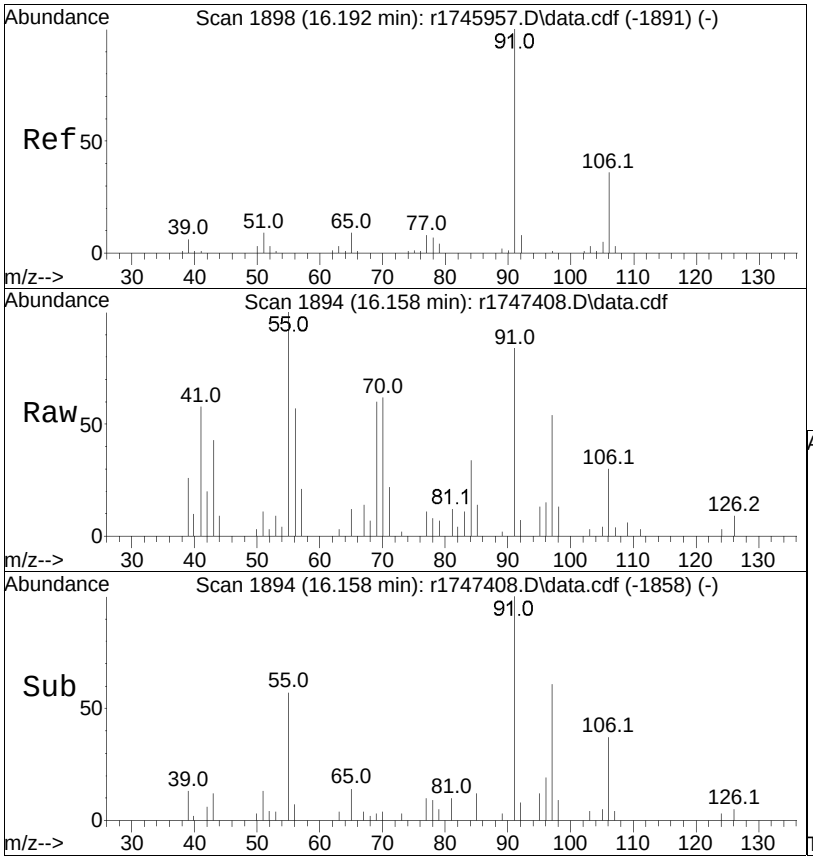


#78
tetrachloroethene
Concen: 0.08 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. -0.033 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:166 Resp: 1990

Ion	Ratio	Lower	Upper
166	100		
131	81.9	66.4	99.6
94	39.3	30.1	45.1

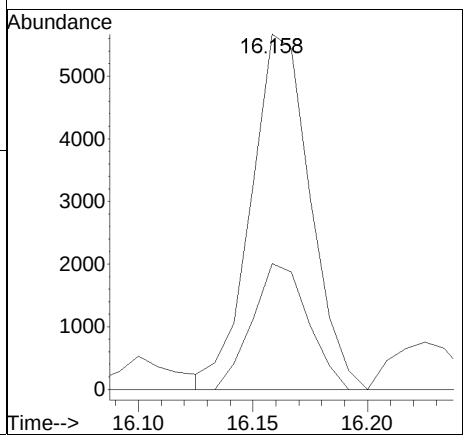


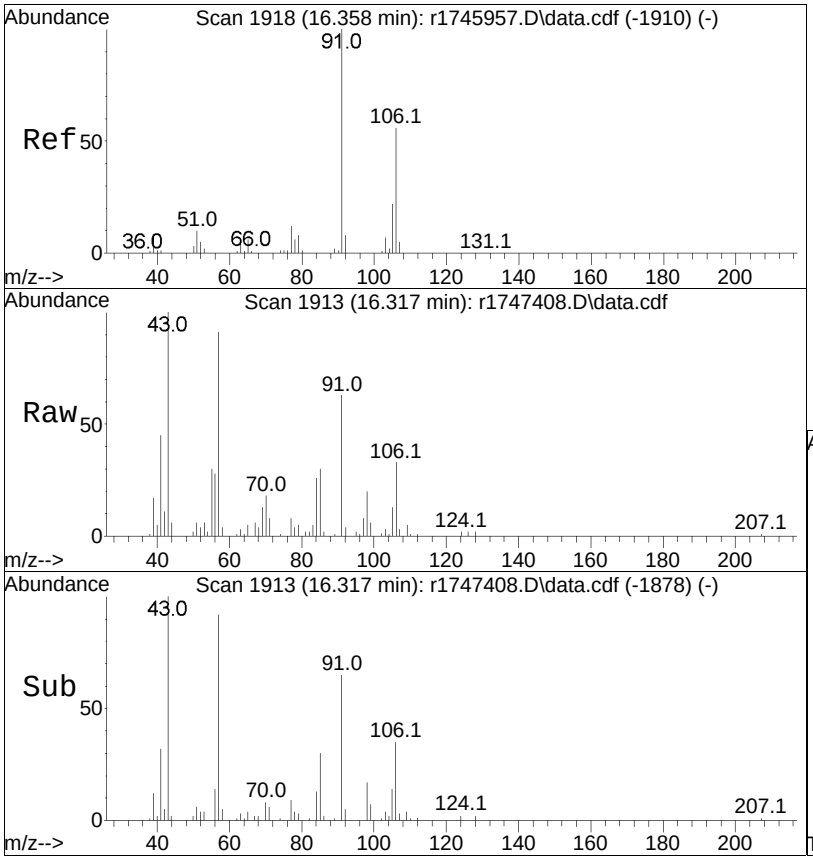


#81
ethylbenzene
Concen: 0.13 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. -0.033 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 91 Resp: 10174

Ion	Ratio	Lower	Upper
91	100		
106	35.4	28.5	42.7

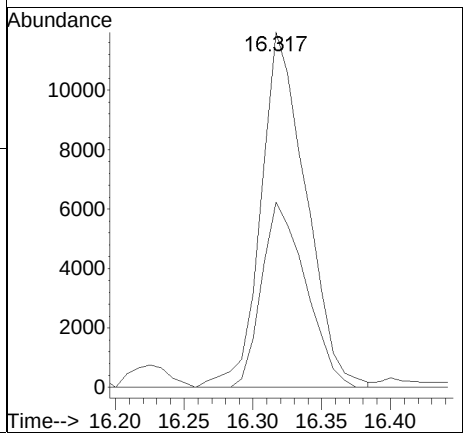


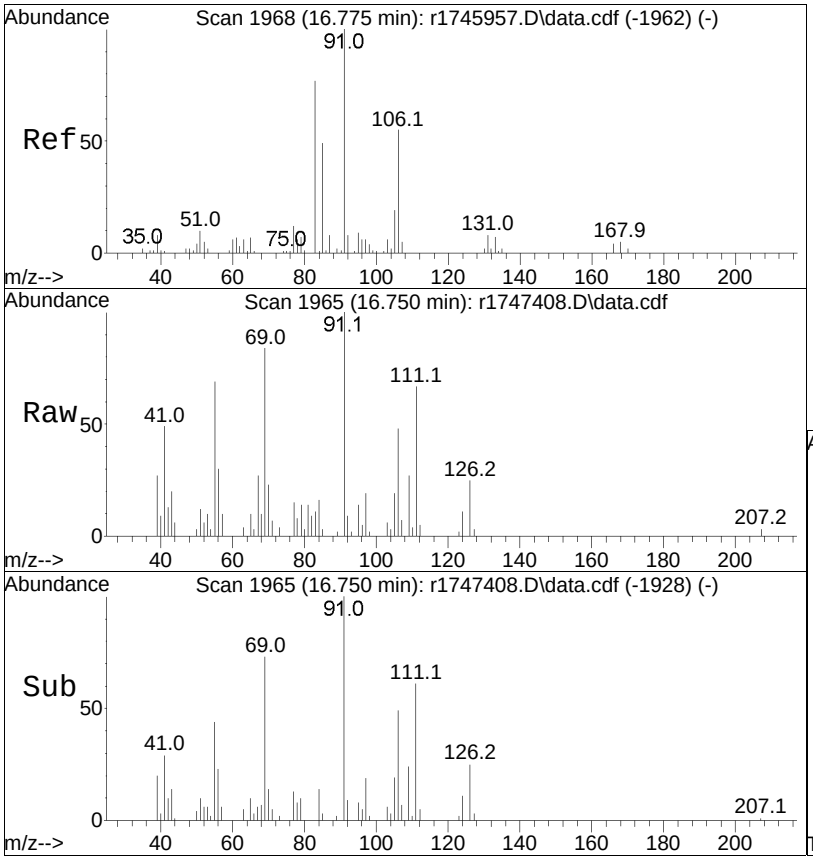


#83
m+p-xylene
Concen: 0.44 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. -0.042 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 91 Resp: 27255

Ion	Ratio	Lower	Upper
91	100		
106	52.1	44.7	67.1

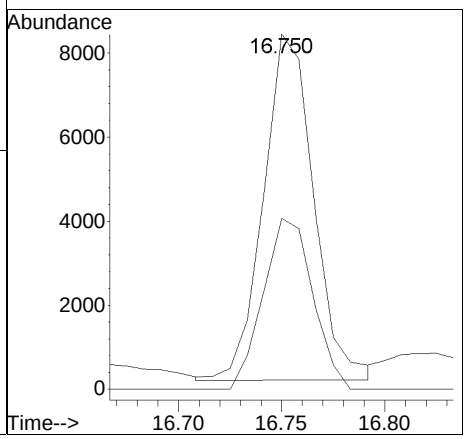


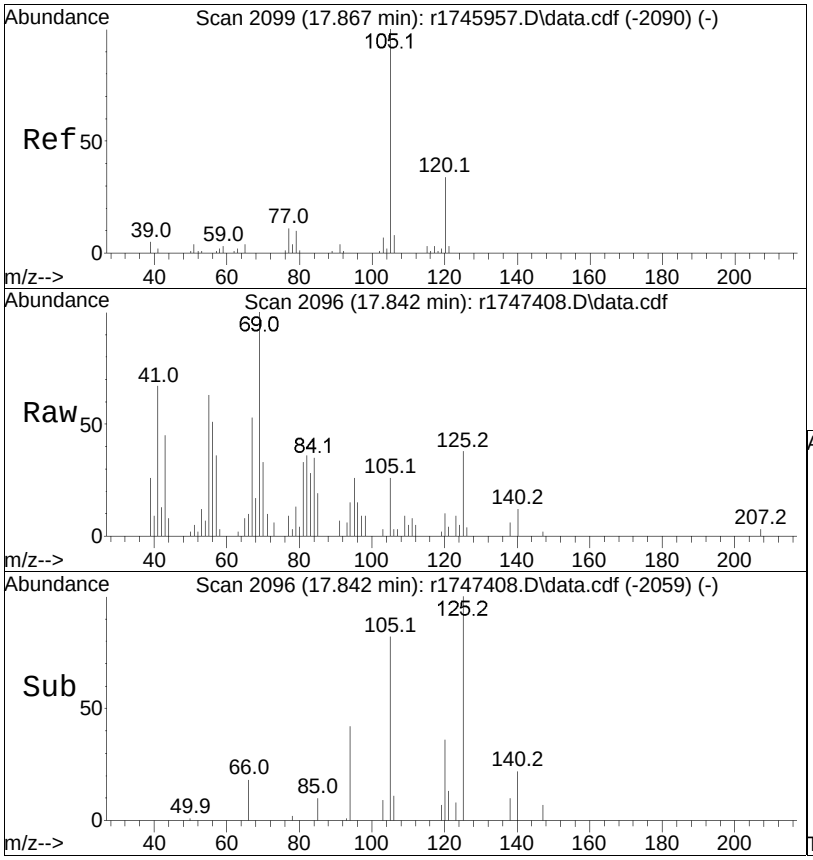


#87
o-xylene
Concen: 0.22 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. -0.025 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion: 91 Resp: 13938

Ion	Ratio	Lower	Upper
91	100		
106	48.1	43.9	65.9

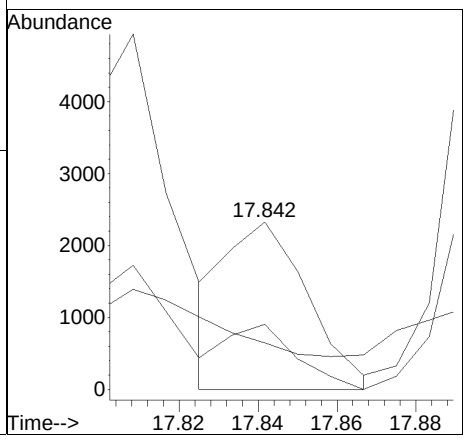


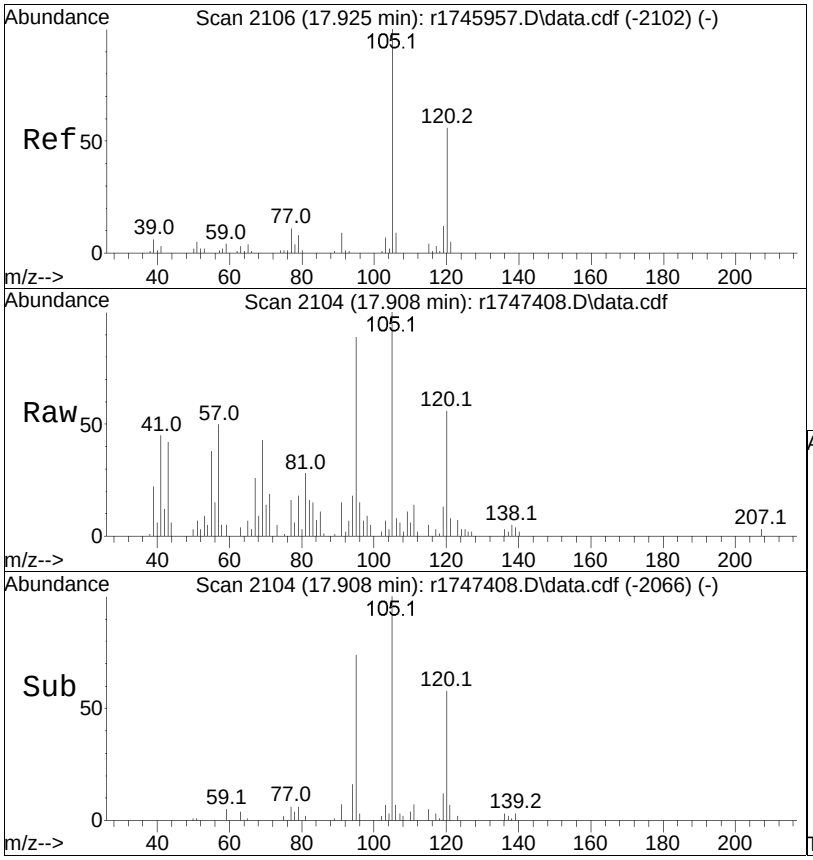


#96
4-ethyl toluene
Concen: 0.04 ppbV m
RT: 17.842 min Scan# 2096
Delta R.T. -0.025 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:105 Resp: 3379

Ion	Ratio	Lower	Upper
105	100		
120	38.9	26.9	40.3
91	27.8	7.8	11.6#

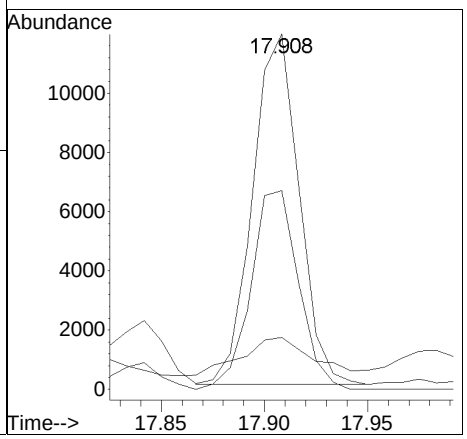


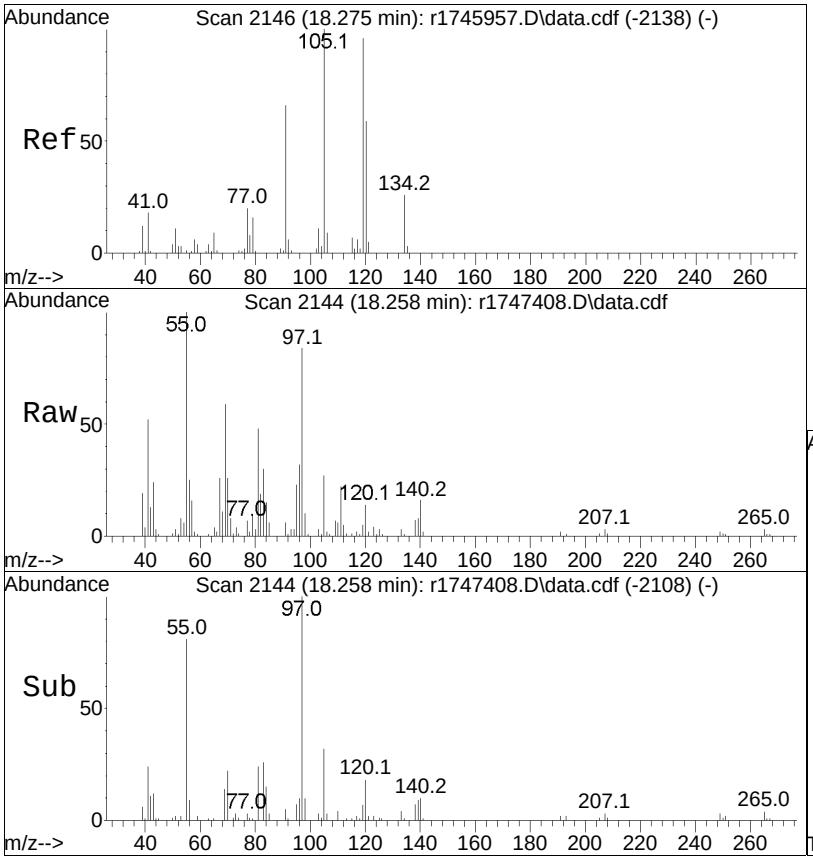


#97
1,3,5-trimethylbenzene
Concen: 0.26 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. -0.017 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:105 Resp: 18555

Ion	Ratio	Lower	Upper
105	100		
120	55.9	44.6	66.8
91	14.6	7.4	11.0#

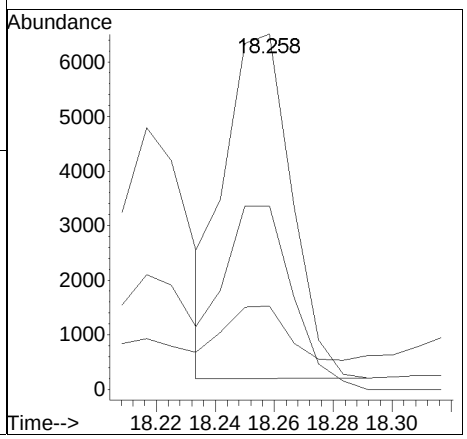




#99
1,2,4-trimethylbenzene
Concen: 0.14 ppbV
RT: 18.258 min Scan# 2144
Delta R.T. -0.017 min
Lab File: r1747408.D
Acq: 4 Mar 2025 2:46 AM

Tgt Ion:105 Resp: 9830

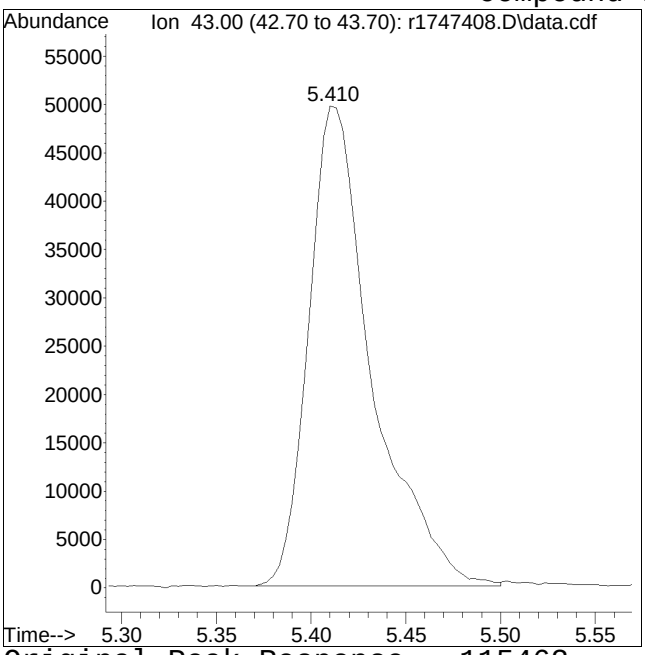
Ion	Ratio	Lower	Upper
105	100		
120	51.7	47.1	70.7
91	23.5	53.0	79.4#



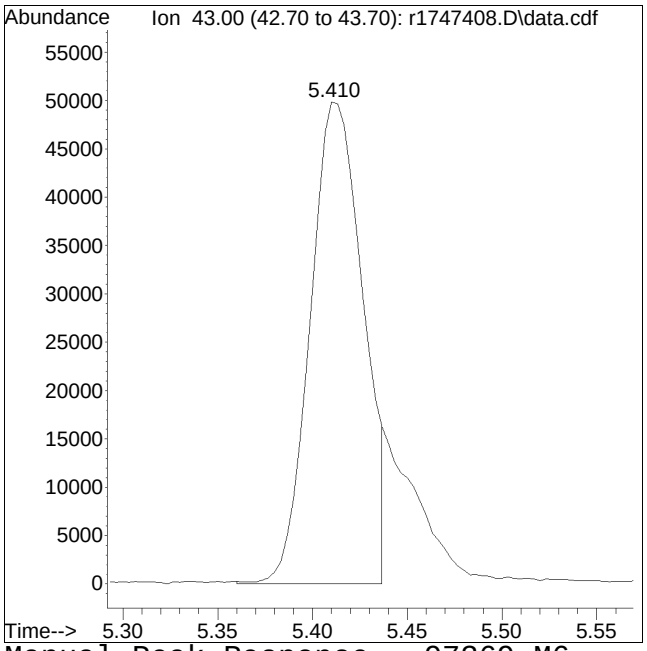
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747408.D
Date Inj'd : 3/4/2025 2:46 AM
Sample : L2508885-04D,3,126.27,250
Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:33 am

Compound #19: acetone



Original Peak Response = 115462



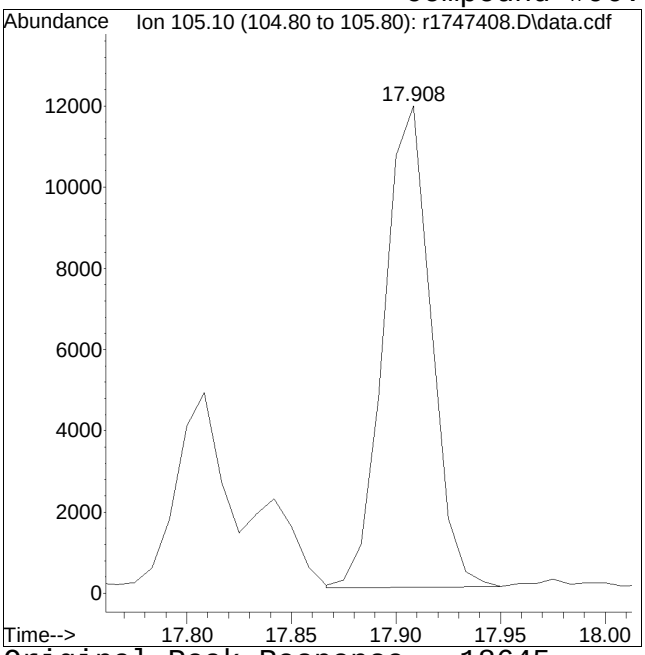
Manual Peak Response = 97369 M6

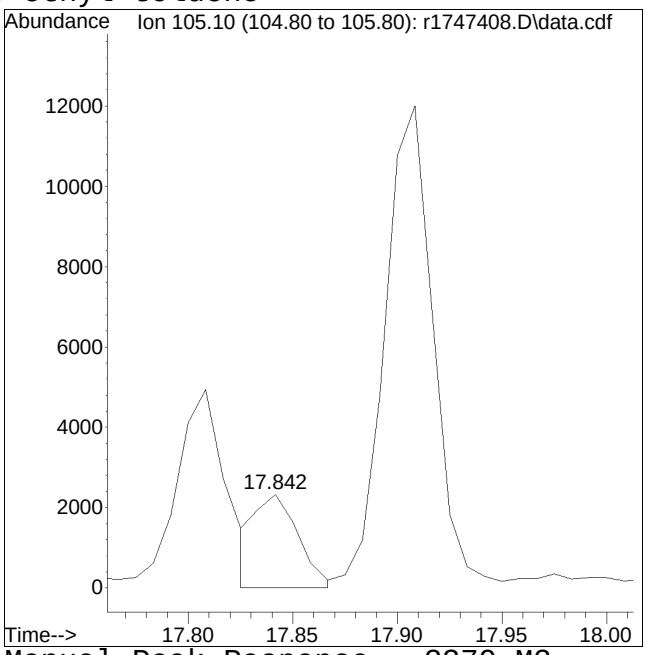
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747408.D
Date Inj'd : 3/4/2025 2:46 AM
Sample : L2508885-04D,3,126.27,250
Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:33 am

Compound #96: 4-ethyl toluene





Original Peak Response = 18645 Manual Peak Response = 3379 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747409.D
Acq On : 4 Mar 2025 3:24 AM
Operator : AIRLAB17:TPH
Sample : L2508885-05D,3,117.35,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:34:26 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	248197	10.000	ppbV	-0.04
Standard Area = 252892			Recovery = 98.14%			
43) 1,4-difluorobenzene	10.990	114	665019	10.000	ppbV	-0.04
Standard Area = 698345			Recovery = 95.23%			
67) chlorobenzene-D5	15.767	54	110151	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 112.25%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.850	85	6190	0.250	ppbV	100
6) chloromethane	4.000	50	1287	0.096	ppbV	96
7) Freon-114	4.096		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	4.408		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.912	31	51299	5.494	ppbV	90
17) vinyl bromide	5.267		0	N.D.		
19) acetone	5.417	43	38159M6	2.002	ppbV	
21) trichlorofluoromethane	5.600	101	2930	0.133	ppbV	96
22) isopropyl alcohol	5.680	45	41652	1.729	ppbV	98
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.414	49	1547	0.088	ppbV	94
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.	d	
31) Freon 113	6.714	101	1171	0.046	ppbV	92
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	7.692		0	N.D.		
36) 2-butanone	8.117	43	5472	0.169	ppbV #	96
37) cis-1,2-dichloroethene	8.600	61	9260	0.543	ppbV	89
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	8.925	83	2123	0.090	ppbV #	83
40) Tetrahydrofuran	9.383	42	2189	0.115	ppbV #	84
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.850	57	3113	0.145	ppbV #	1

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747409.D
Acq On : 4 Mar 2025 3:24 AM
Operator : AIRLAB17:TPH
Sample : L2508885-05D,3,117.35,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:34:26 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	10.563	78	13260	0.284	ppbV	96
52) carbon tetrachloride	10.737	117	750	0.042	ppbV #	85
53) cyclohexane	10.883	56	6598	0.288	ppbV	90
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	11.783	130	322817	15.294	ppbV	99
60) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
62) heptane	12.157	43	2543	0.079	ppbV #	84
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.	d	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	13.958	91	29163	0.465	ppbV	100
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.150	166	5188	0.202	ppbV	97
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.158	91	10538	0.131	ppbV	100
83) m+p-xylene	16.317	91	28505	0.448	ppbV	93
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.	d	
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	16.750	91	15141	0.237	ppbV	92
96) 4-ethyl toluene	17.842	105	3234M3	0.038	ppbV	
97) 1,3,5-trimethylbenzene	17.908	105	33499	0.460	ppbV #	98
99) 1,2,4-trimethylbenzene	18.250	105	8330	0.116	ppbV #	77
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	0.000		0	N.D.	d	
103) 1,4-dichlorobenzene	0.000		0	N.D.	d	
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747409.D
Acq On : 4 Mar 2025 3:24 AM
Operator : AIRLAB17:TPH
Sample : L2508885-05D,3,117.35,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:34:26 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

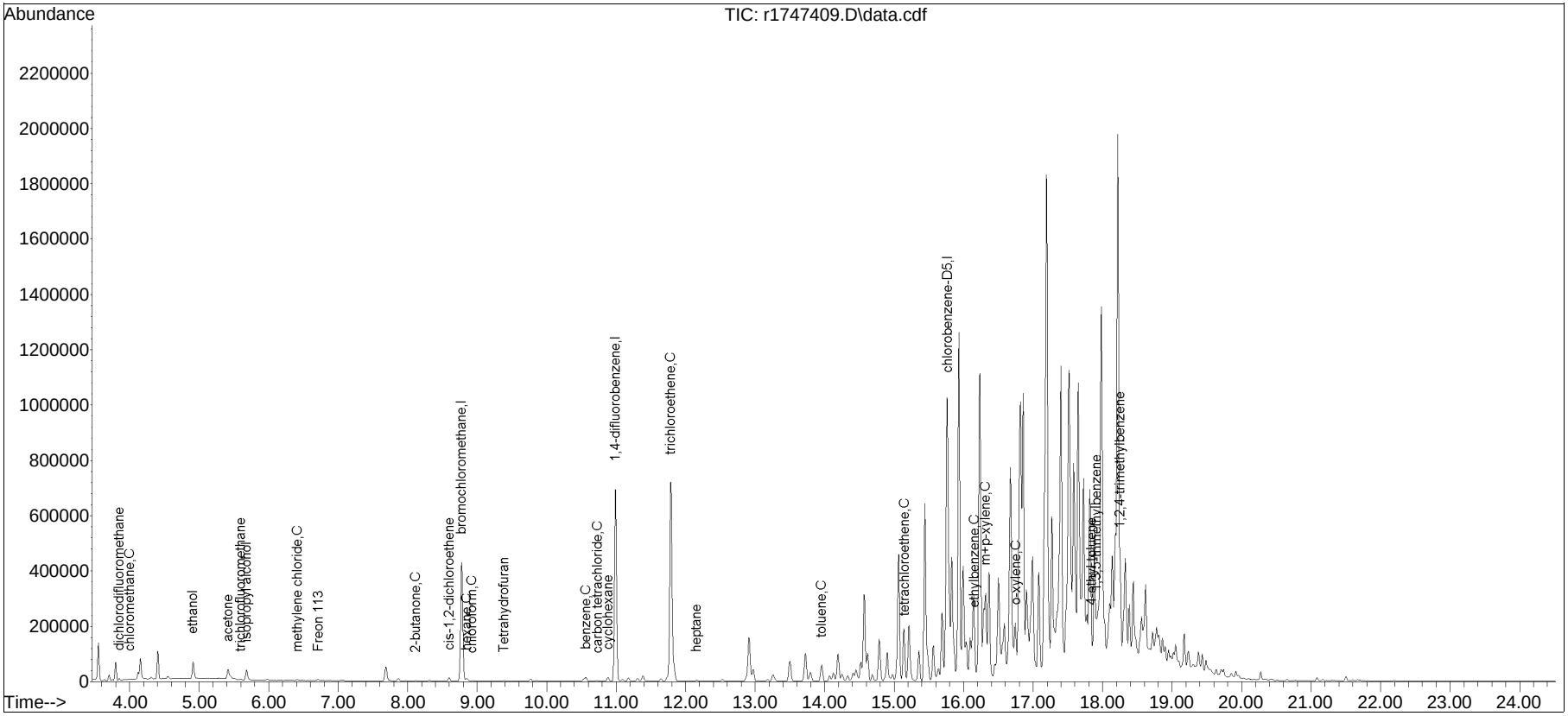
CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

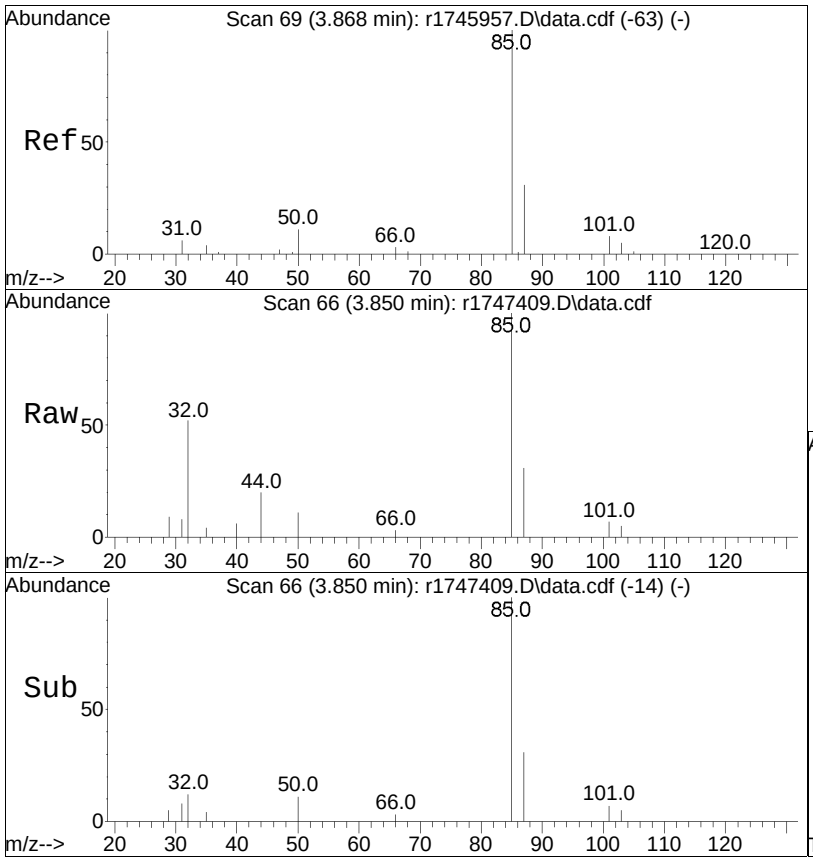
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY+Naphthalene - .\2025\03\0303T\r1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747409.D
Acq On : 4 Mar 2025 3:24 AM
Operator : AIRLAB17:TPH
Sample : L2508885-05D,3,117.35,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:34:26 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

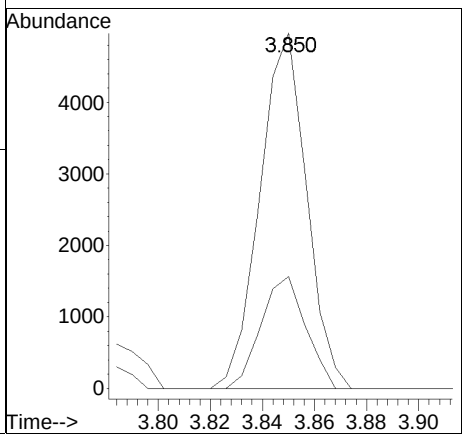


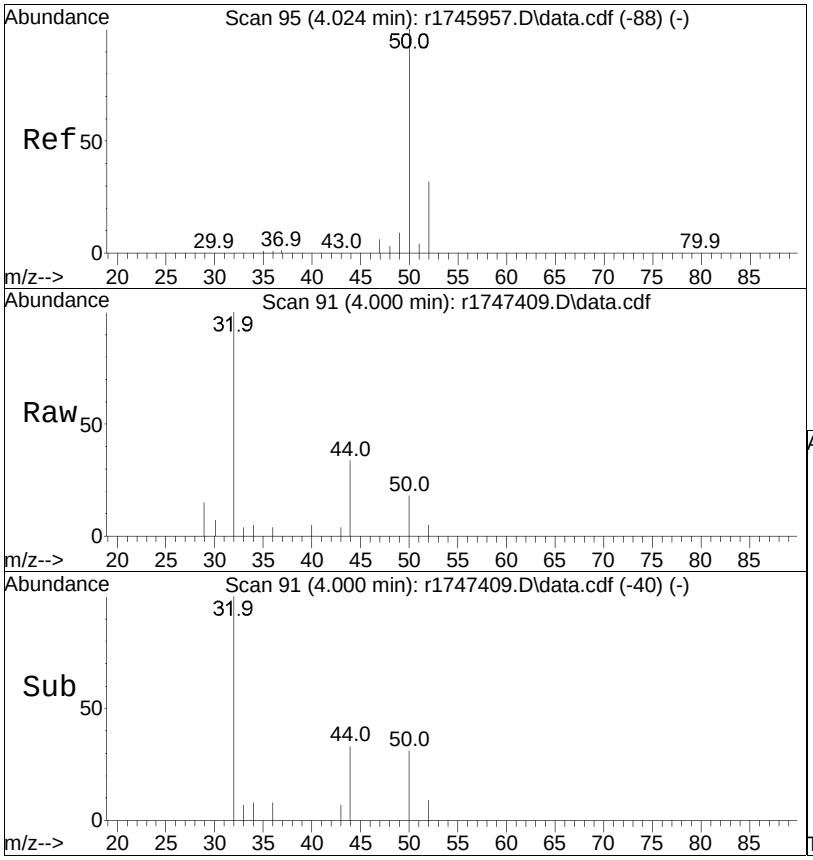


#5
dichlorodifluoromethane
Concen: 0.25 ppbV
RT: 3.850 min Scan# 66
Delta R.T. -0.018 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 85 Resp: 6190

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.2	37.8

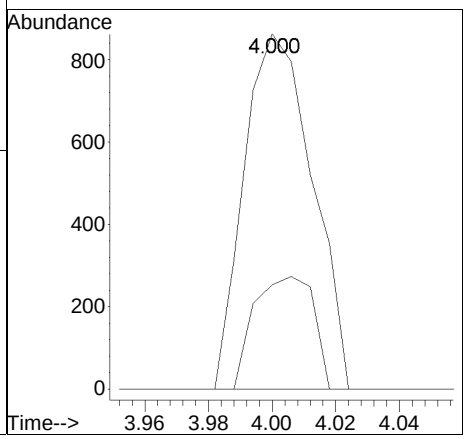


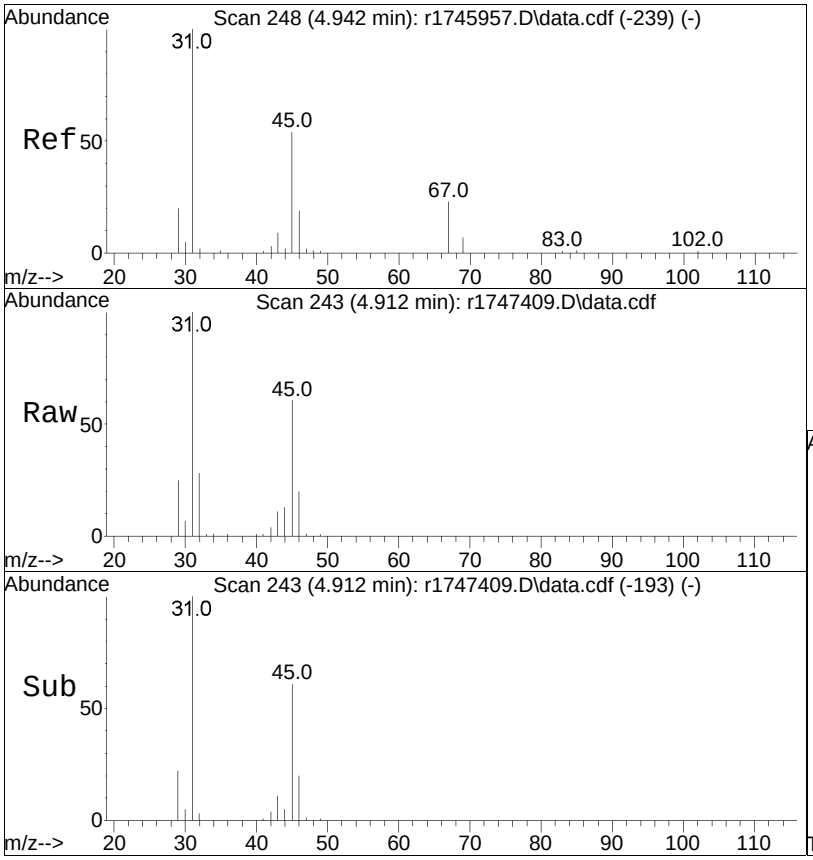


#6
chloromethane
Concen: 0.10 ppbV
RT: 4.000 min Scan# 91
Delta R.T. -0.024 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 50 Resp: 1287

Ion	Ratio	Lower	Upper
50	100		
52	29.4	25.4	38.2

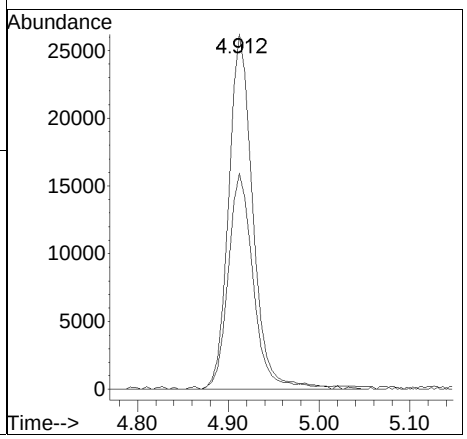


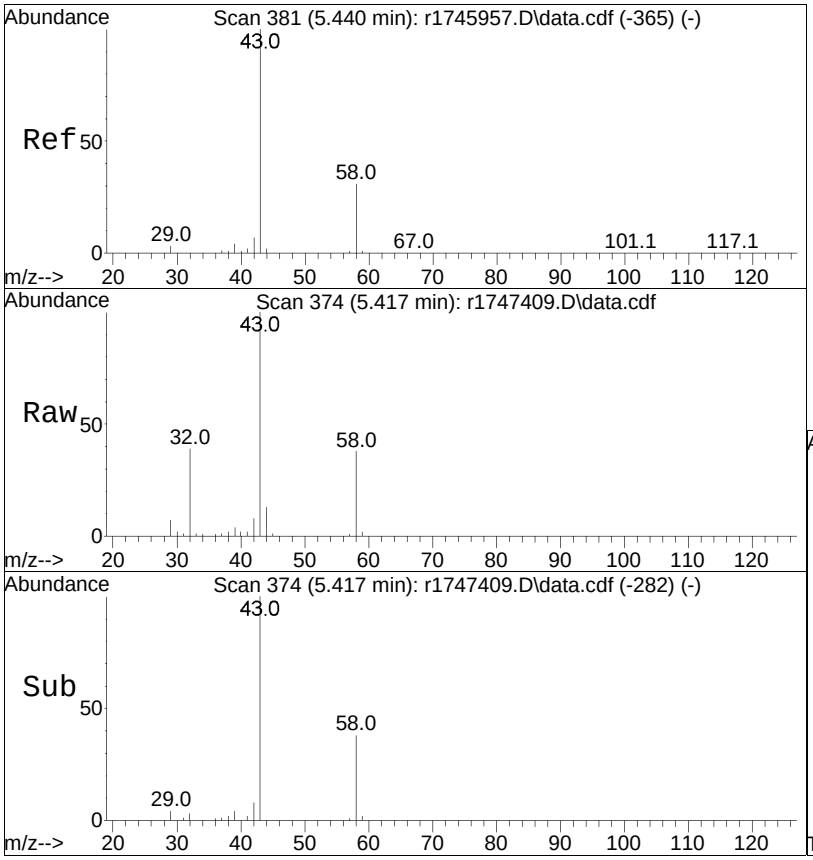


#15
ethanol
Concen: 5.49 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.030 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 31 Resp: 51299

Ion	Ratio	Lower	Upper
31	100		
45	60.8	43.0	64.6

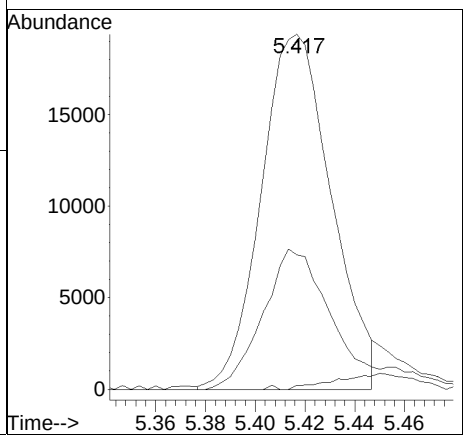


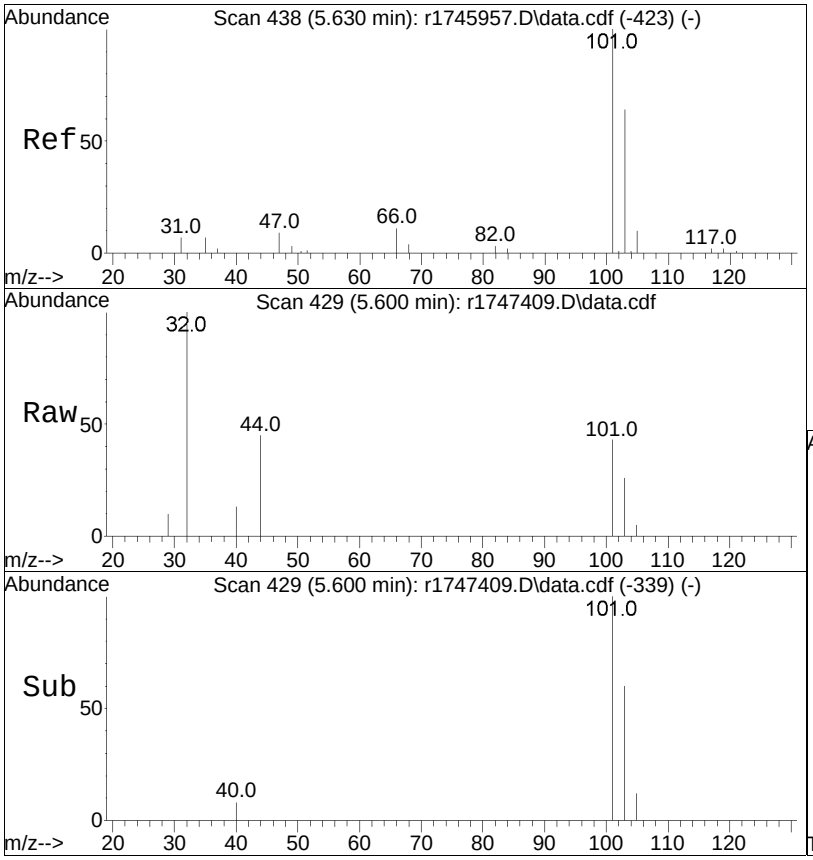


#19
acetone
Concen: 2.00 ppbV m
RT: 5.417 min Scan# 374
Delta R.T. -0.023 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 43 Resp: 38159

Ion	Ratio	Lower	Upper
43	100		
58	37.9	24.7	37.1#
57	1.1	0.6	0.8#

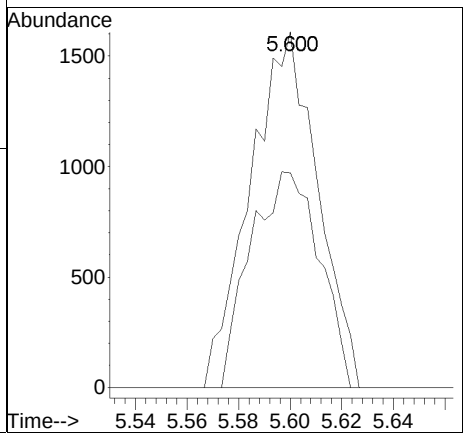


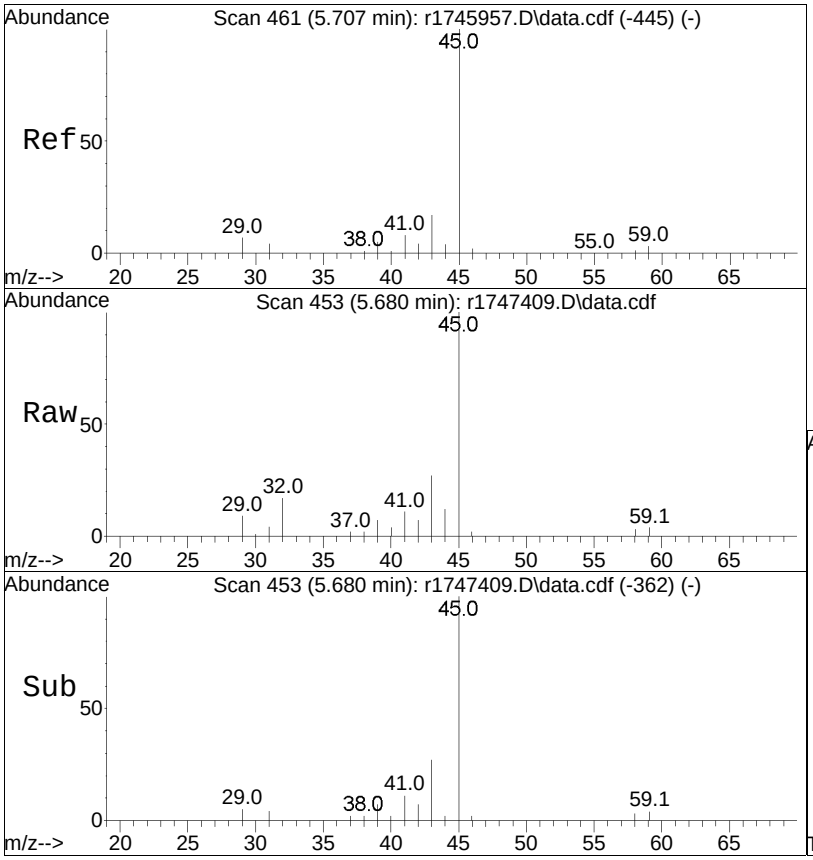


#21
trichlorofluoromethane
Concen: 0.13 ppbV
RT: 5.600 min Scan# 429
Delta R.T. -0.030 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:101 Resp: 2930

Ion	Ratio	Lower	Upper
101	100		
103	60.4	50.9	76.3

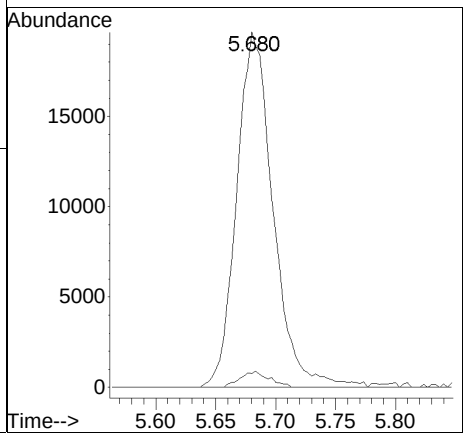


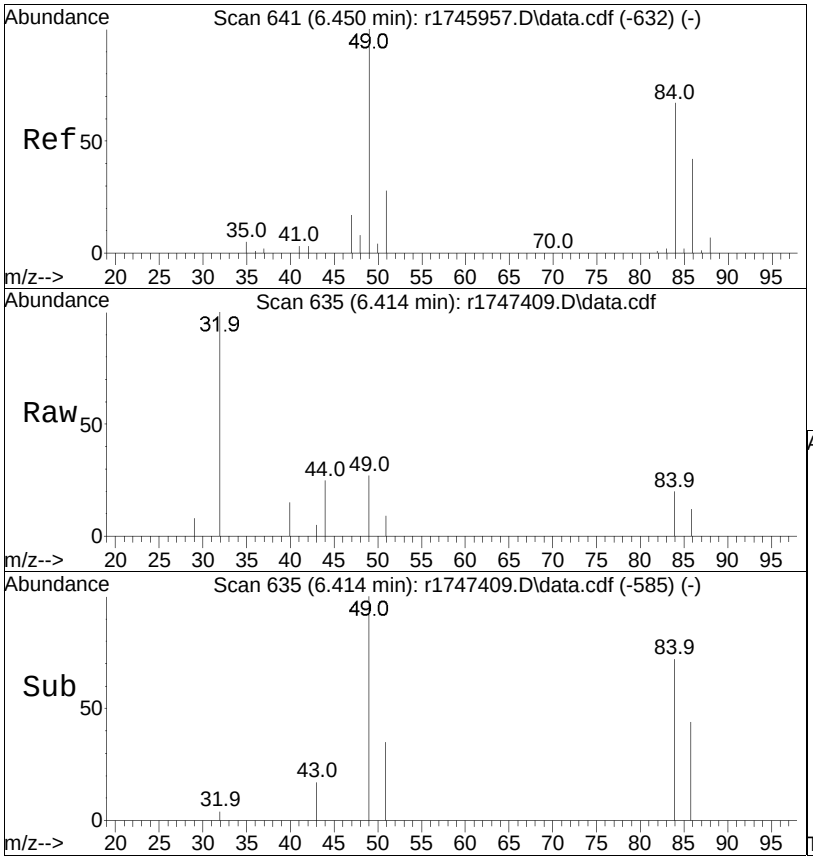


#22
isopropyl alcohol
Concen: 1.73 ppbV
RT: 5.680 min Scan# 453
Delta R.T. -0.027 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 45 Resp: 41652

Ion	Ratio	Lower	Upper
45	100		
59	3.9	2.6	4.0

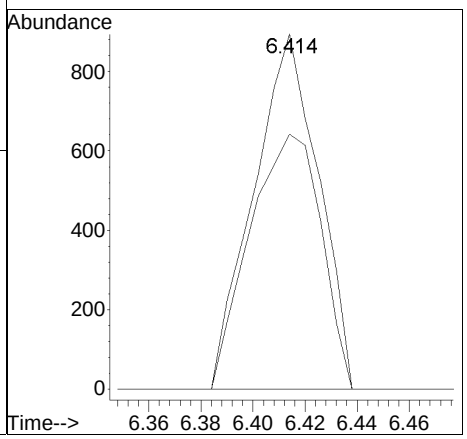


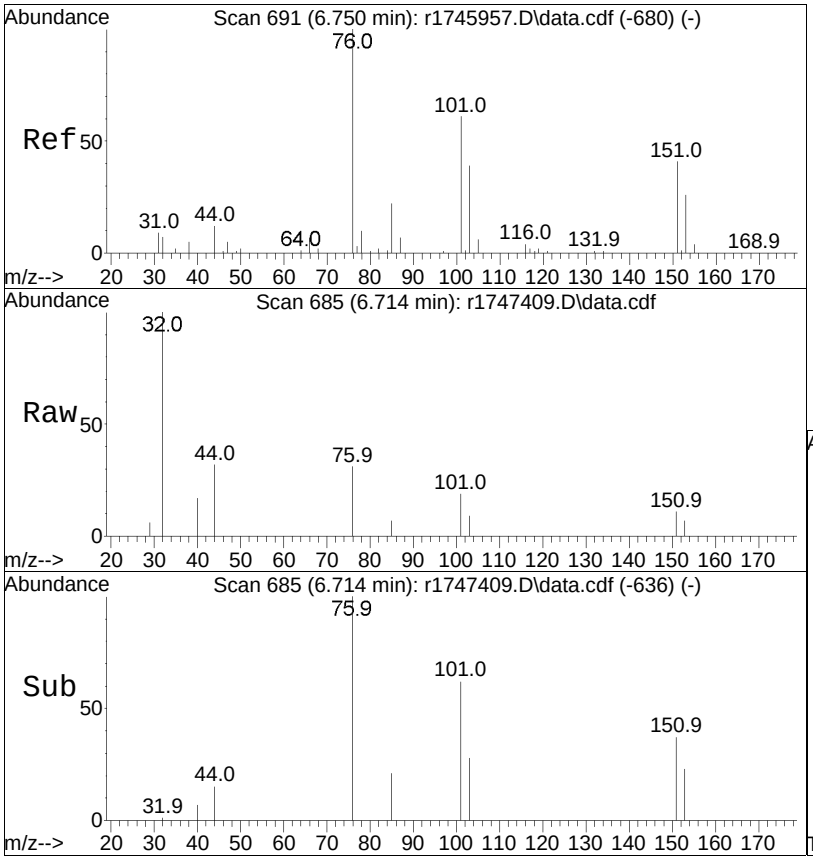


#28
methylene chloride
Concen: 0.09 ppbV
RT: 6.414 min Scan# 635
Delta R.T. -0.036 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 49 Resp: 1547

Ion	Ratio	Lower	Upper
49	100		
84	71.8	53.4	80.0

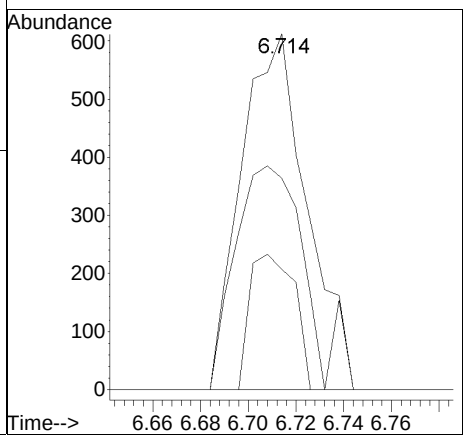


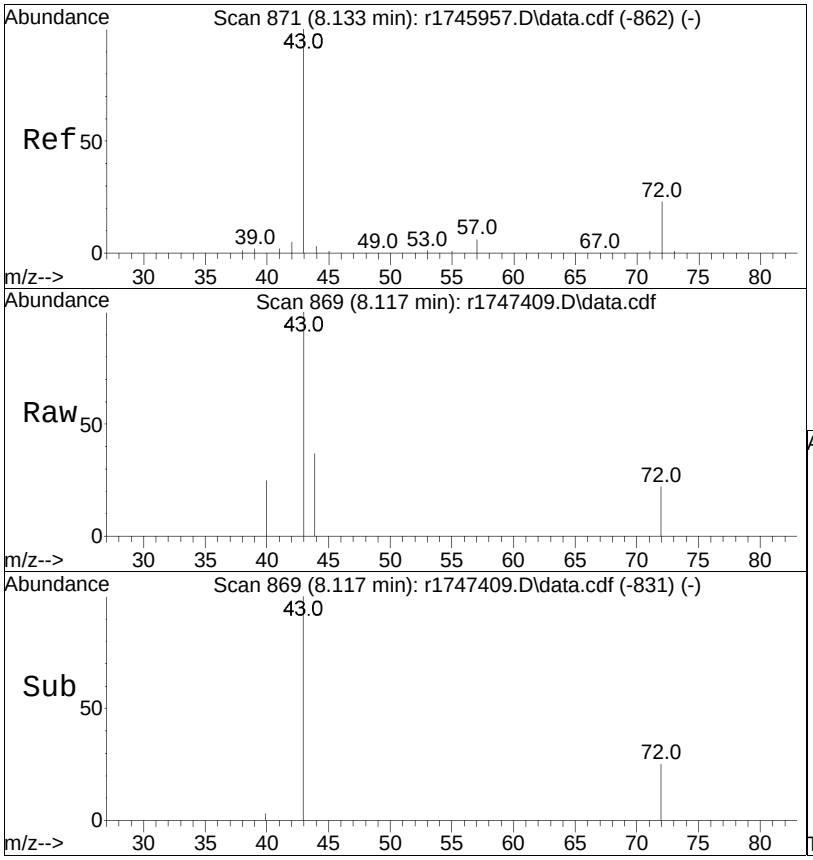


#31
Freon 113
Concen: 0.05 ppbV
RT: 6.714 min Scan# 685
Delta R.T. -0.036 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:101 Resp: 1171

Ion	Ratio	Lower	Upper
101	100		
85	33.8	29.0	43.4
151	59.5	53.6	80.4

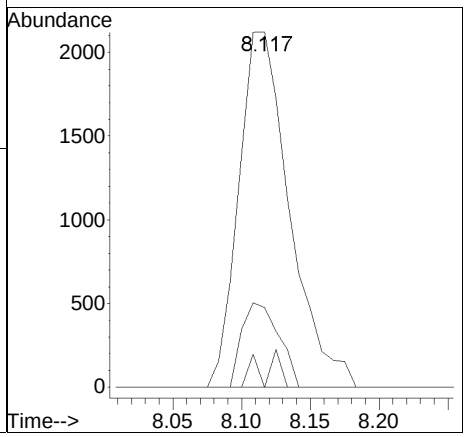


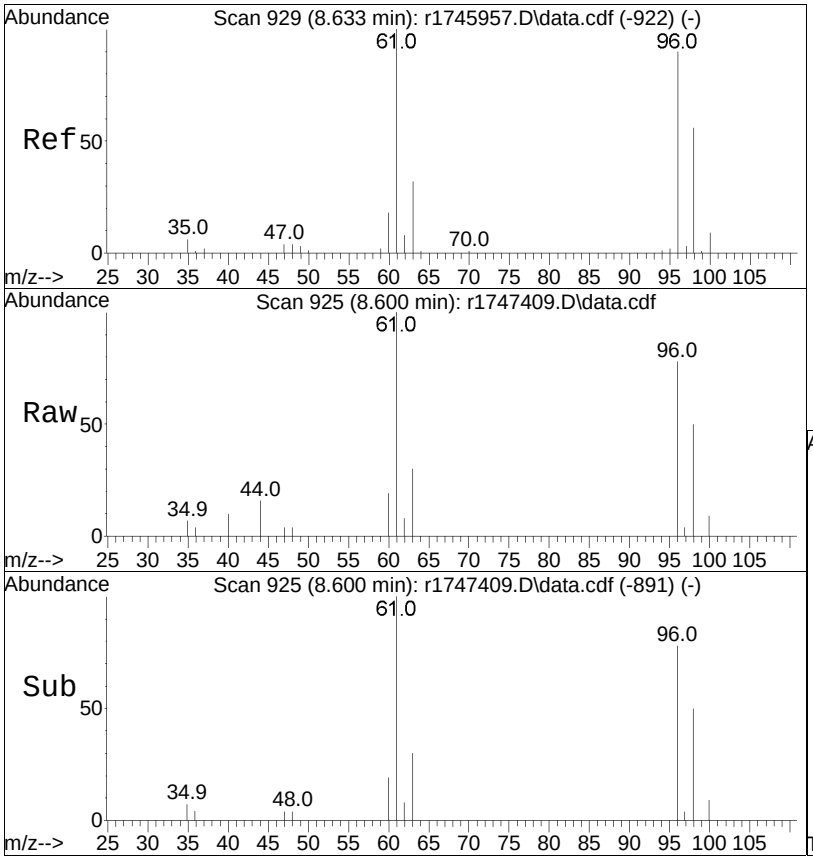


#36
2-butanone
Concen: 0.17 ppbV
RT: 8.117 min Scan# 869
Delta R.T. -0.017 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 43 Resp: 5472

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.1	27.1
57	0.0	4.6	6.8#

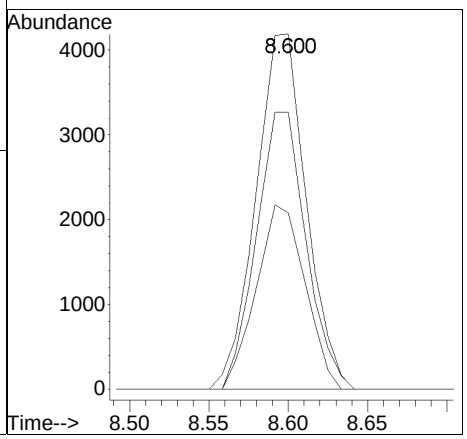


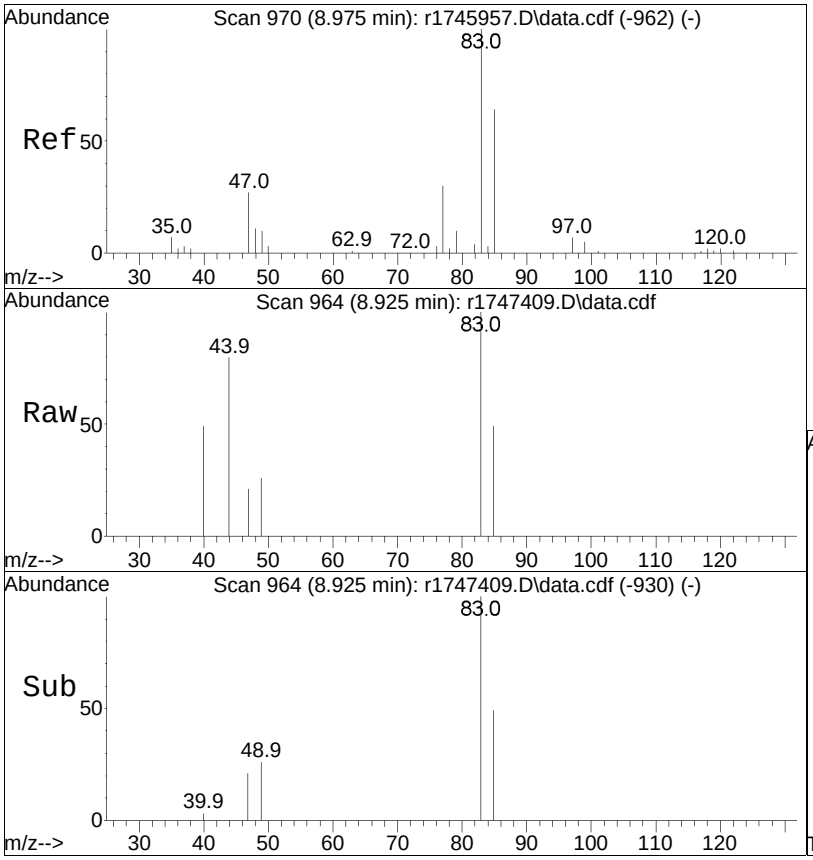


#37
cis-1,2-dichloroethene
Concen: 0.54 ppbV
RT: 8.600 min Scan# 925
Delta R.T. -0.033 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 61 Resp: 9260

Ion	Ratio	Lower	Upper
61	100		
96	78.0	71.6	107.4
98	49.6	45.1	67.7

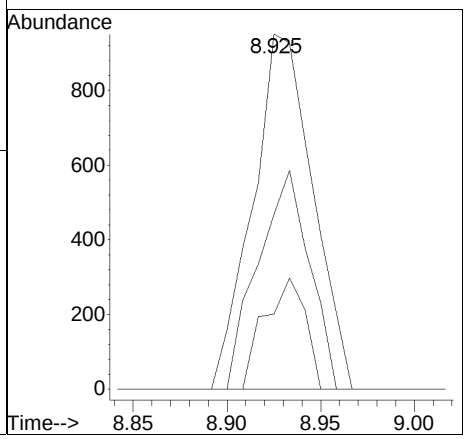


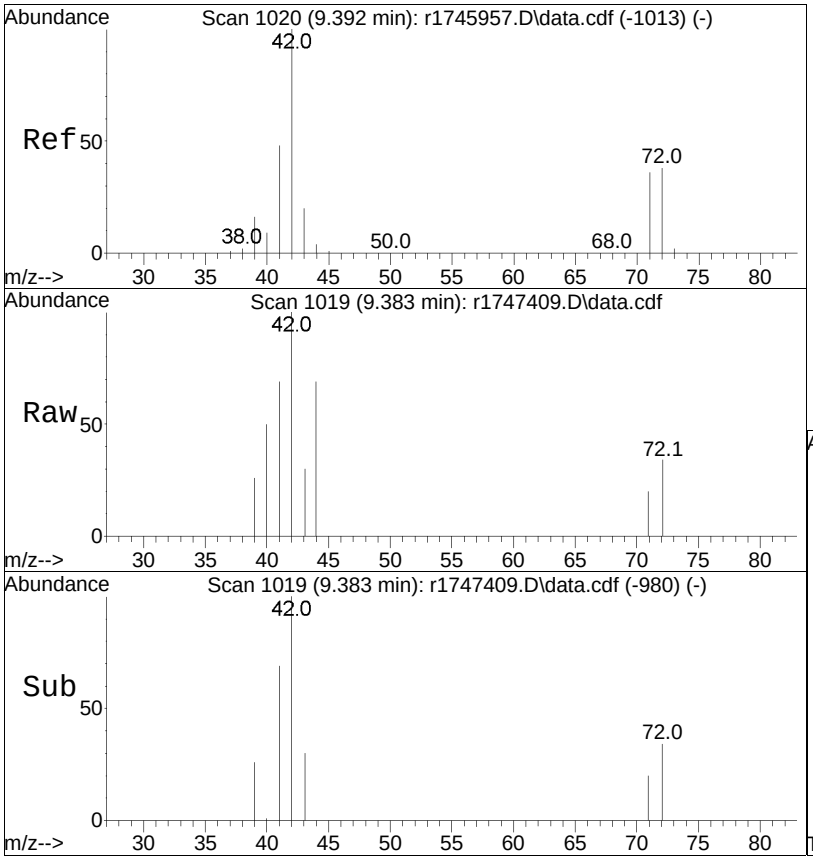


#39
chloroform
Concen: 0.09 ppbV
RT: 8.925 min Scan# 964
Delta R.T. -0.050 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 83 Resp: 2123

Ion	Ratio	Lower	Upper
83	100		
85	49.2	51.6	77.4#
47	21.1	21.4	32.2#

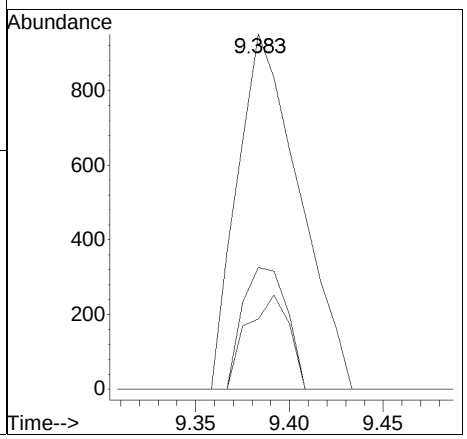


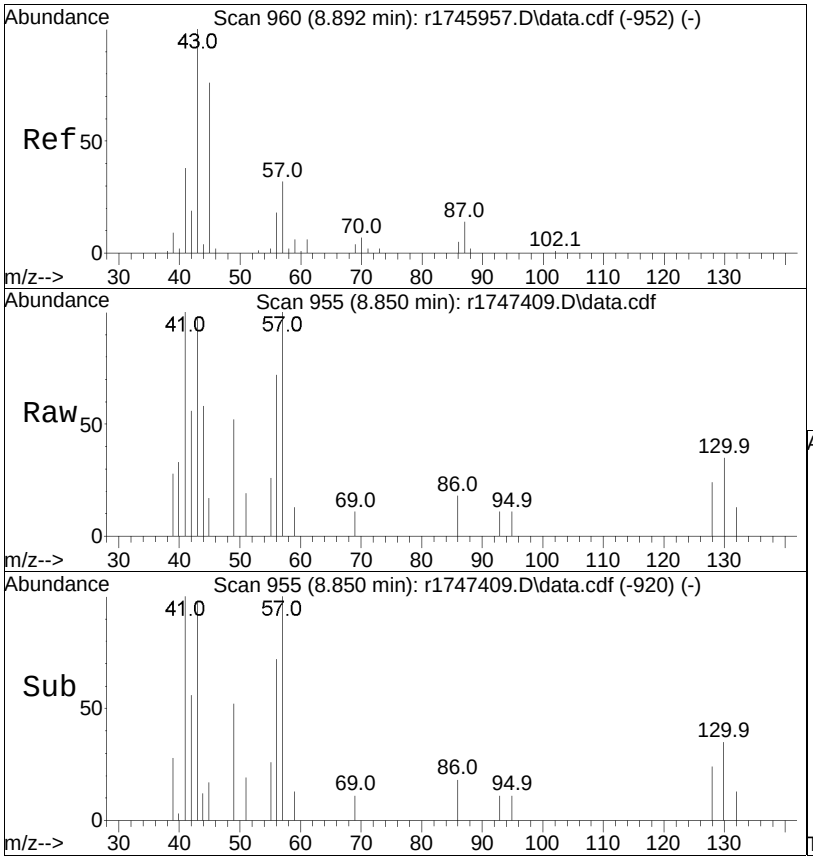


#40
Tetrahydrofuran
Concen: 0.11 ppbV
RT: 9.383 min Scan# 1019
Delta R.T. -0.008 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 42 Resp: 2189

Ion	Ratio	Lower	Upper
42	100		
71	19.8	28.9	43.3#
72	34.3	30.1	45.1

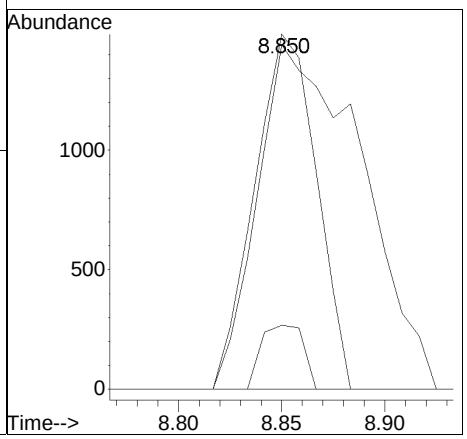


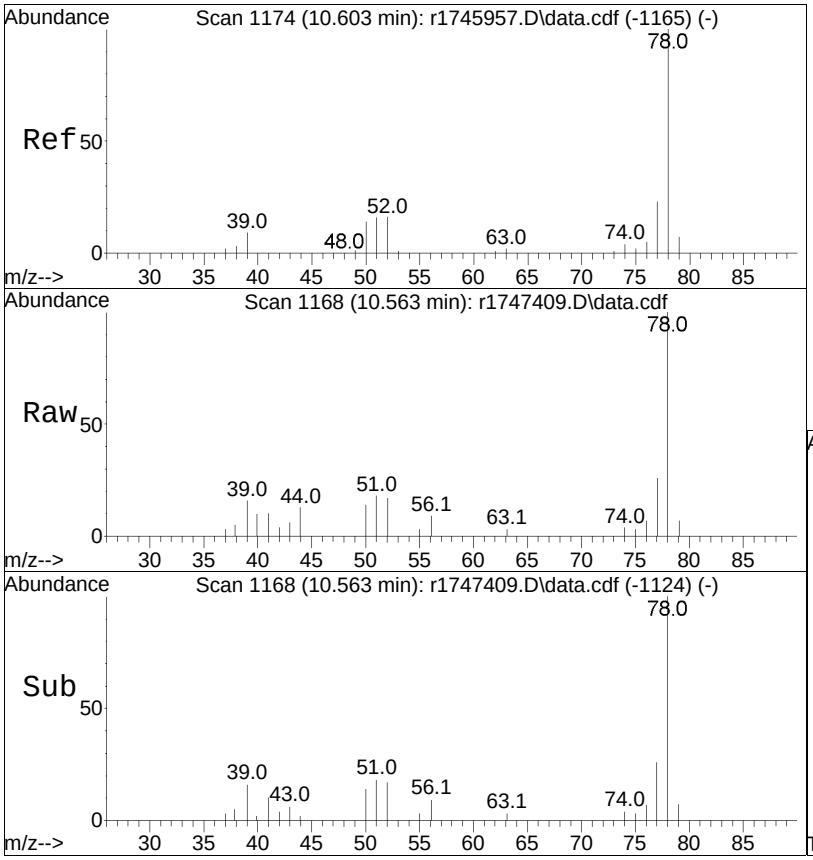


#44
hexane
Concen: 0.14 ppbV
RT: 8.850 min Scan# 955
Delta R.T. -0.042 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 57 Resp: 3113

Ion	Ratio	Lower	Upper
57	100		
43	97.0	247.4	371.0#
86	18.0	12.9	19.3

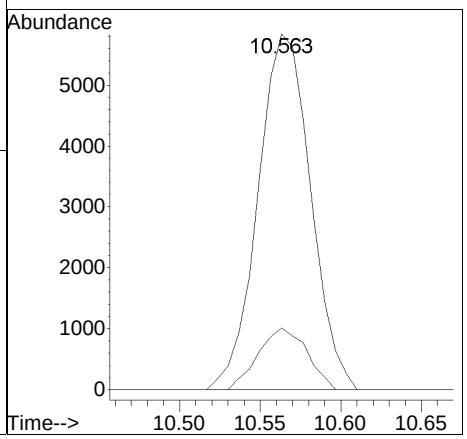


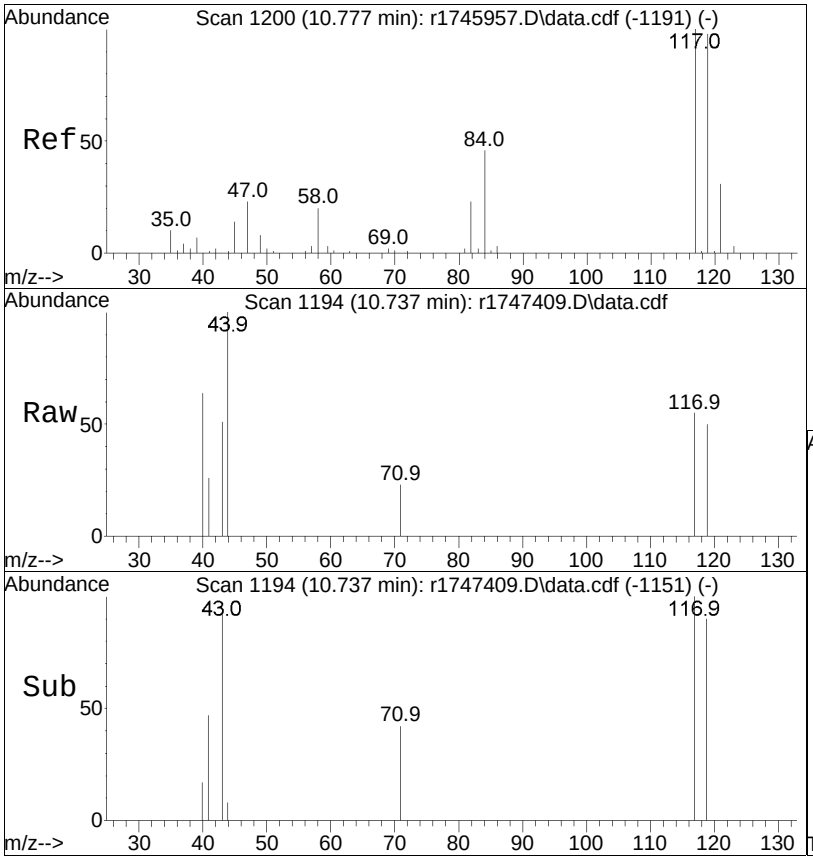


#50
benzene
Concen: 0.28 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. -0.040 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 78 Resp: 13260

Ion	Ratio	Lower	Upper
78	100		
52	17.3	12.5	18.7

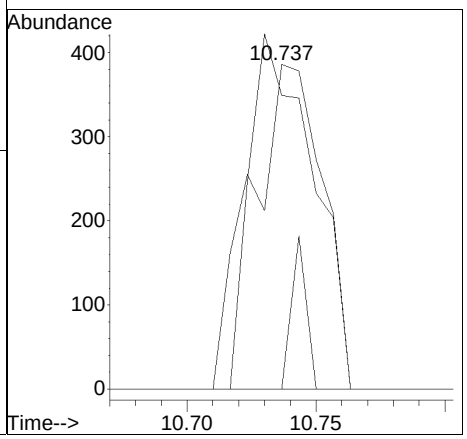


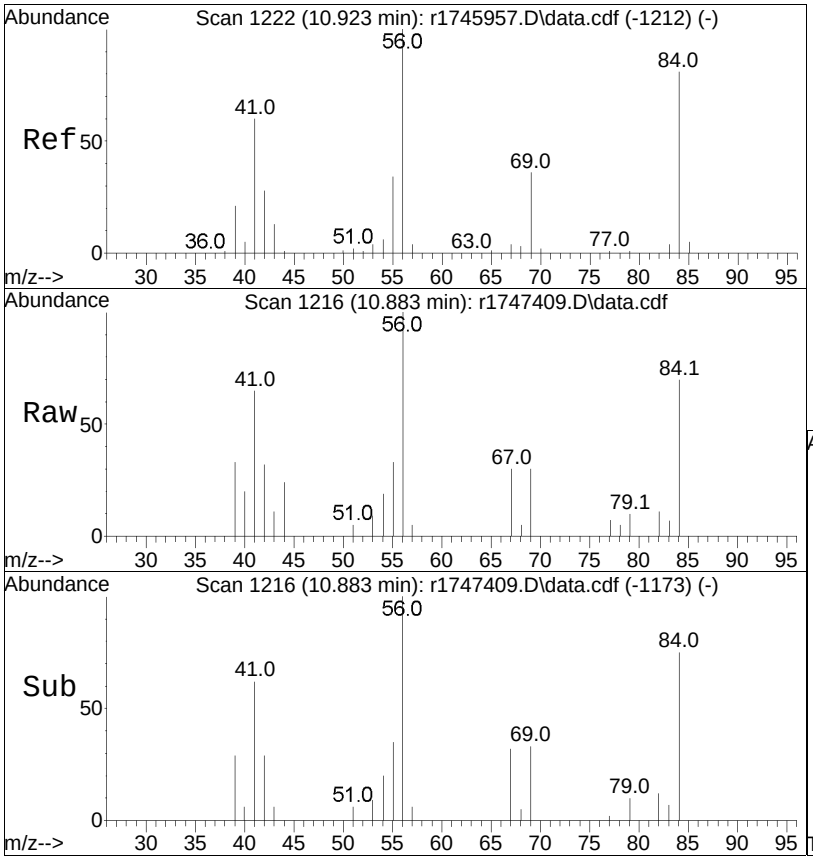


#52
carbon tetrachloride
Concen: 0.04 ppbV
RT: 10.737 min Scan# 1194
Delta R.T. -0.040 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:117 Resp: 750

Ion	Ratio	Lower	Upper
117	100		
119	90.4	78.2	117.2
82	0.0	18.6	28.0#

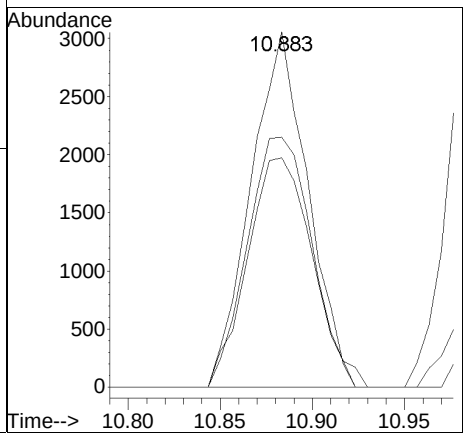


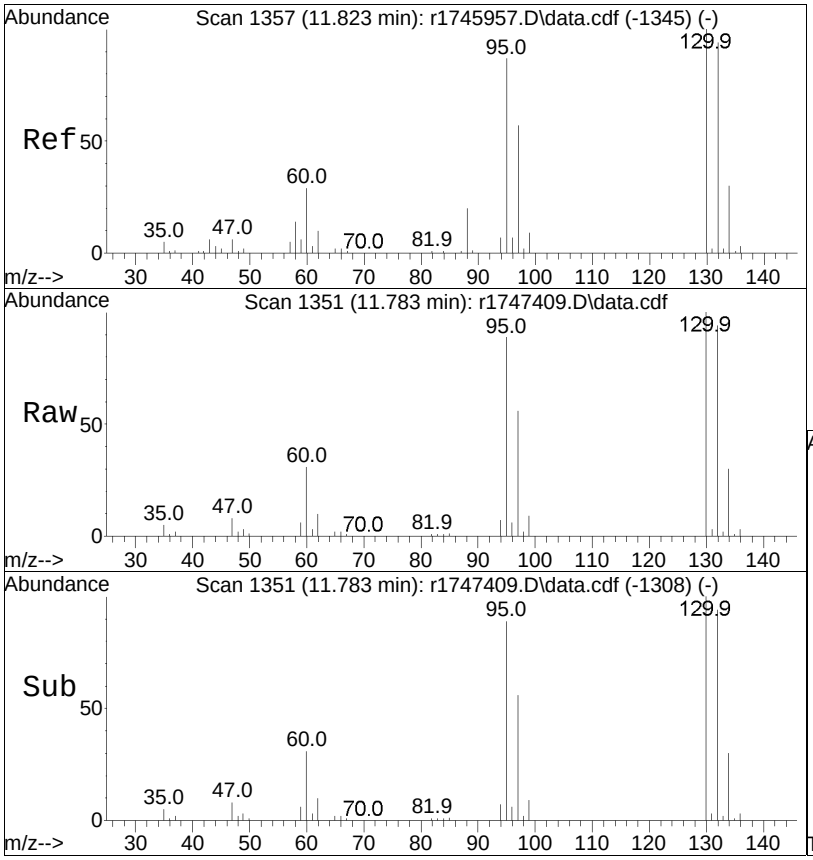


#53
cyclohexane
Concen: 0.29 ppbV
RT: 10.883 min Scan# 1216
Delta R.T. -0.040 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 56 Resp: 6598

Ion	Ratio	Lower	Upper
56	100		
84	70.4	65.4	98.0
41	64.6	48.2	72.4

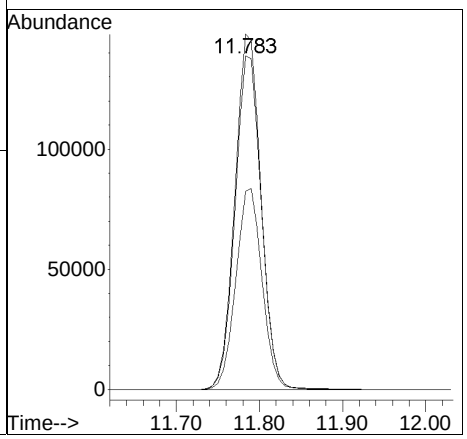


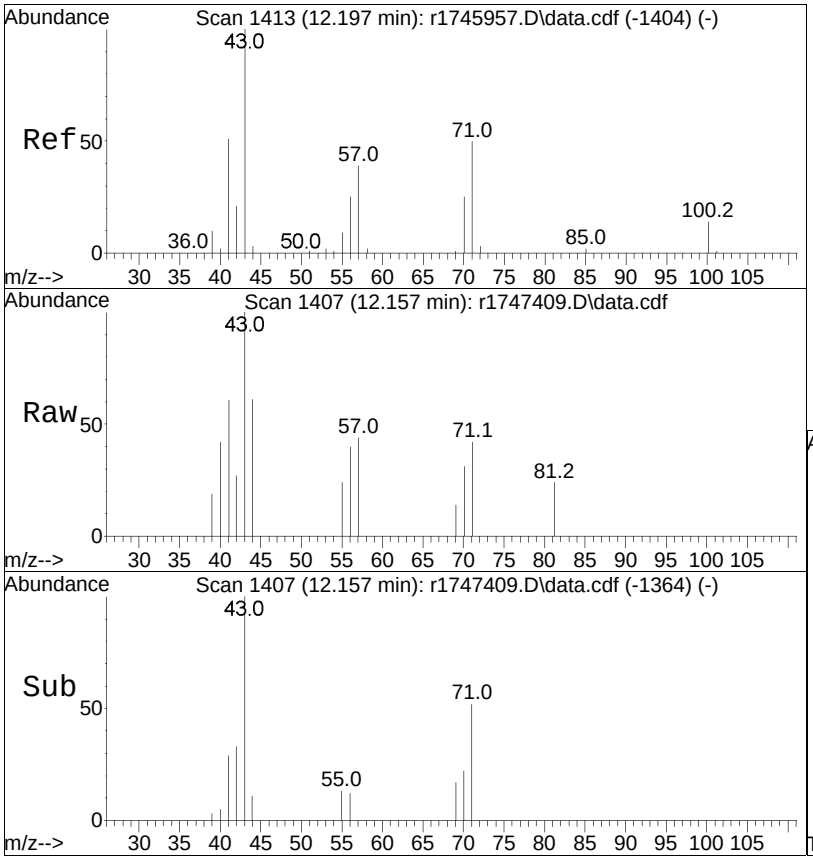


#59
trichloroethene
Concen: 15.29 ppbV
RT: 11.783 min Scan# 1351
Delta R.T. -0.040 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:130 Resp: 322817

Ion	Ratio	Lower	Upper
130	100		
132	93.9	75.5	113.3
97	55.7	45.9	68.9

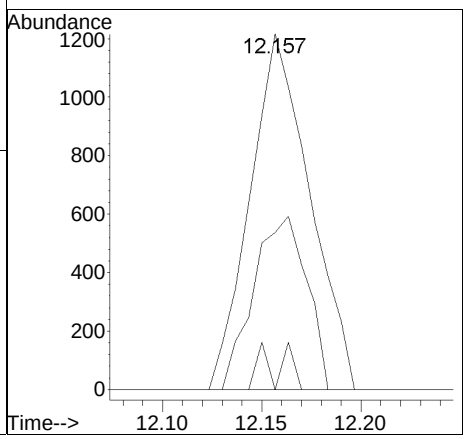


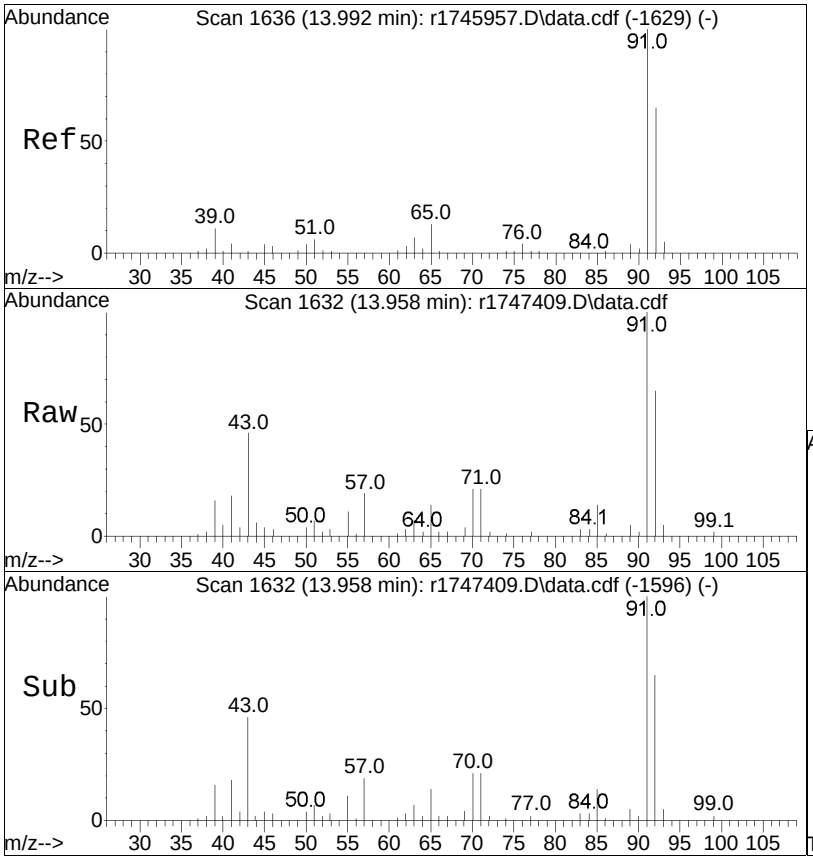


#62
heptane
Concen: 0.08 ppbV
RT: 12.157 min Scan# 1407
Delta R.T. -0.040 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 43 Resp: 2543

Ion	Ratio	Lower	Upper
43	100		
57	44.2	31.1	46.7
100	0.0	11.4	17.2#

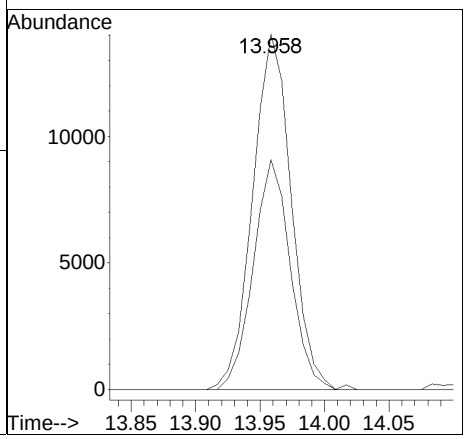


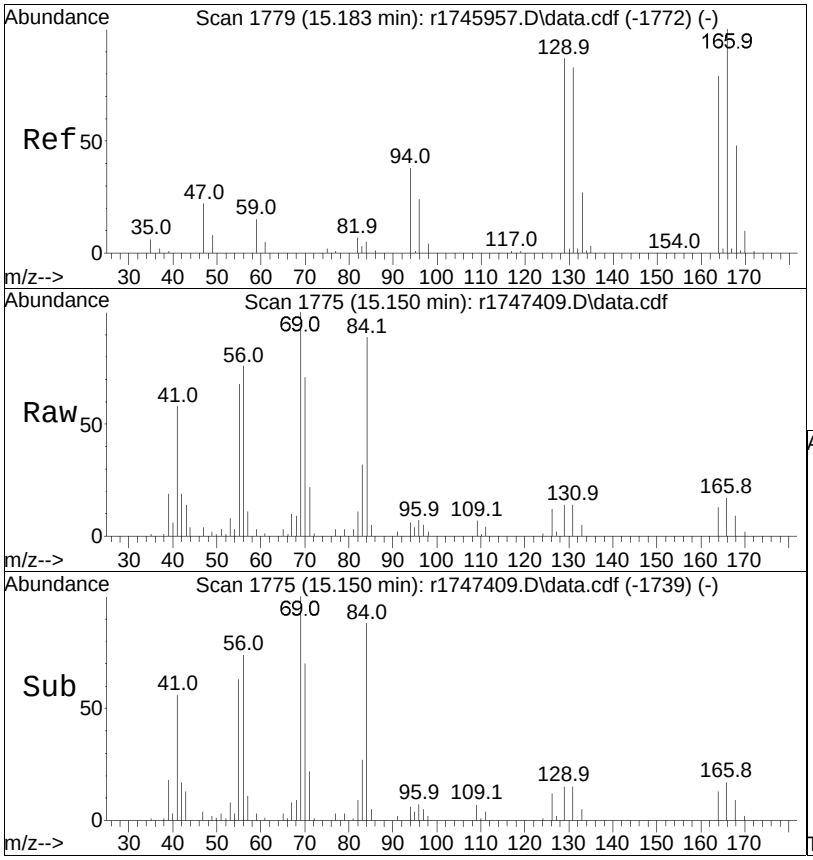


#68
toluene
Concen: 0.47 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. -0.033 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 91 Resp: 29163

Ion	Ratio	Lower	Upper
91	100		
92	64.6	51.7	77.5

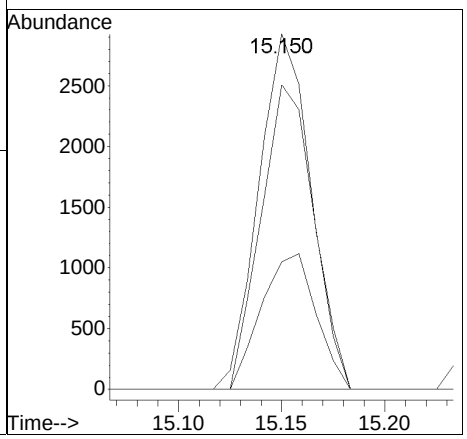


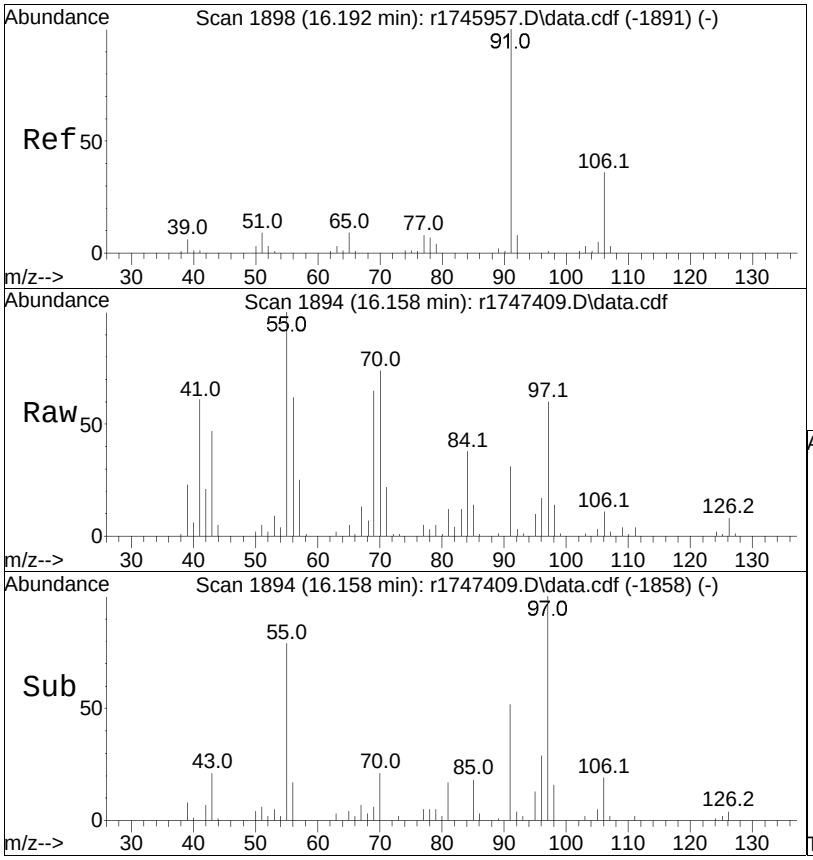


#78
tetrachloroethene
Concen: 0.20 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. -0.033 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:166 Resp: 5188

Ion	Ratio	Lower	Upper
166	100		
131	85.7	66.4	99.6
94	35.9	30.1	45.1

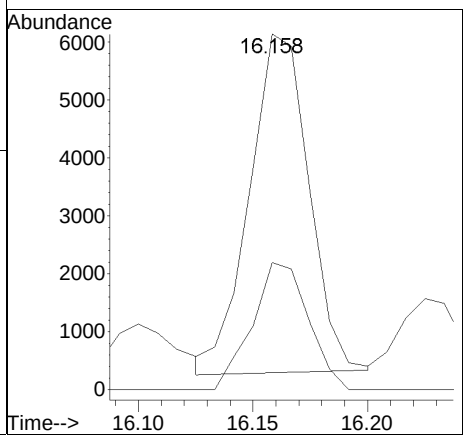


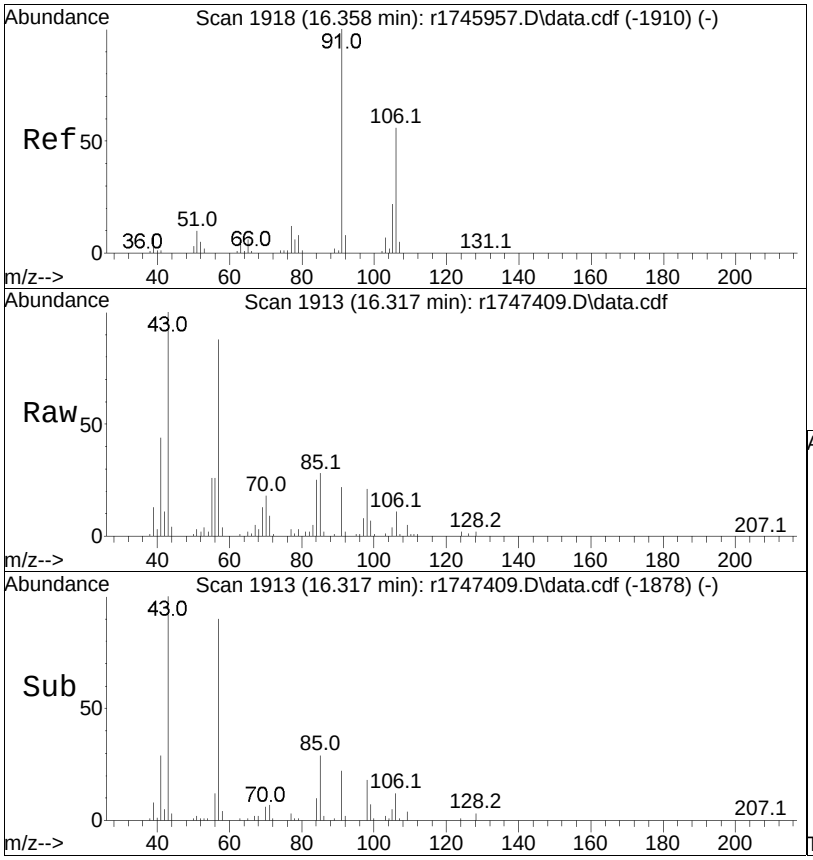


#81
ethylbenzene
Concen: 0.13 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. -0.033 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 91 Resp: 10538

Ion	Ratio	Lower	Upper
91	100		
106	35.7	28.5	42.7

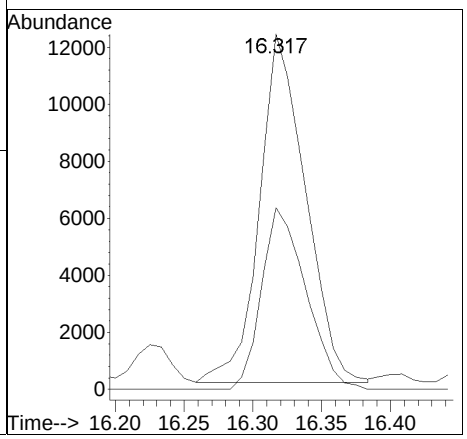


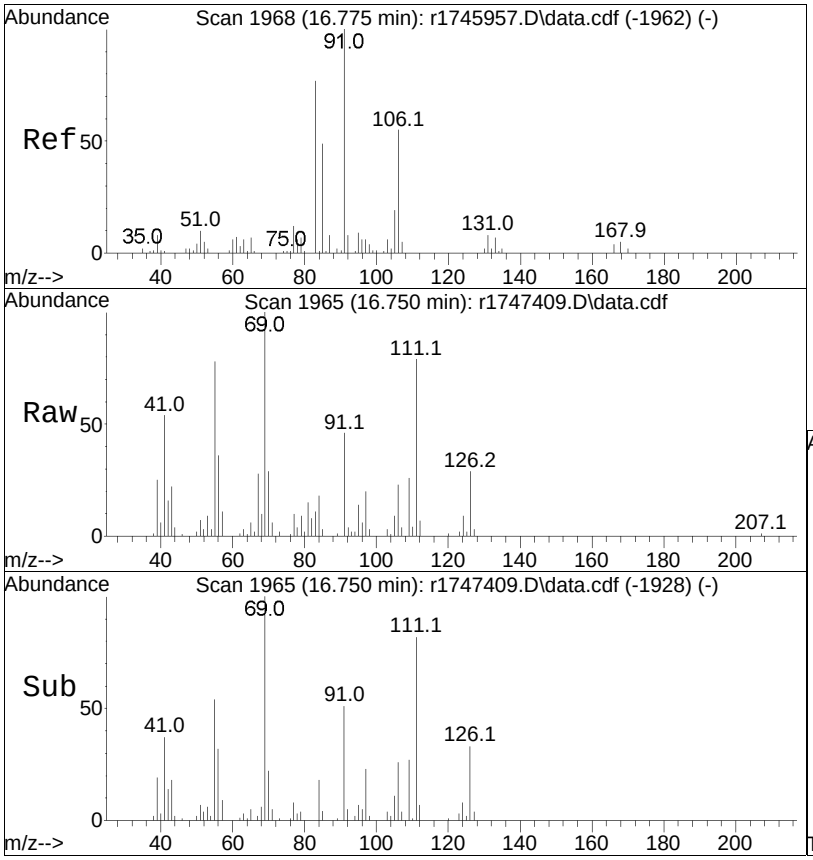


#83
m+p-xylene
Concen: 0.45 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. -0.042 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 91 Resp: 28505

Ion	Ratio	Lower	Upper
91	100		
106	51.1	44.7	67.1

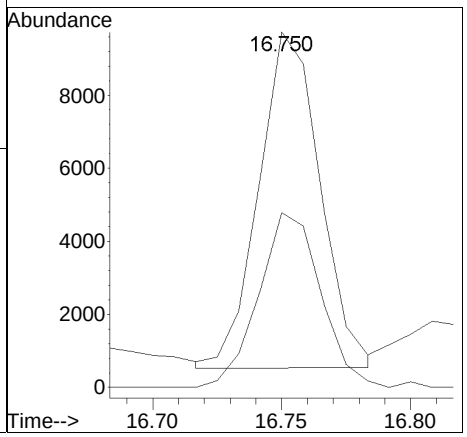


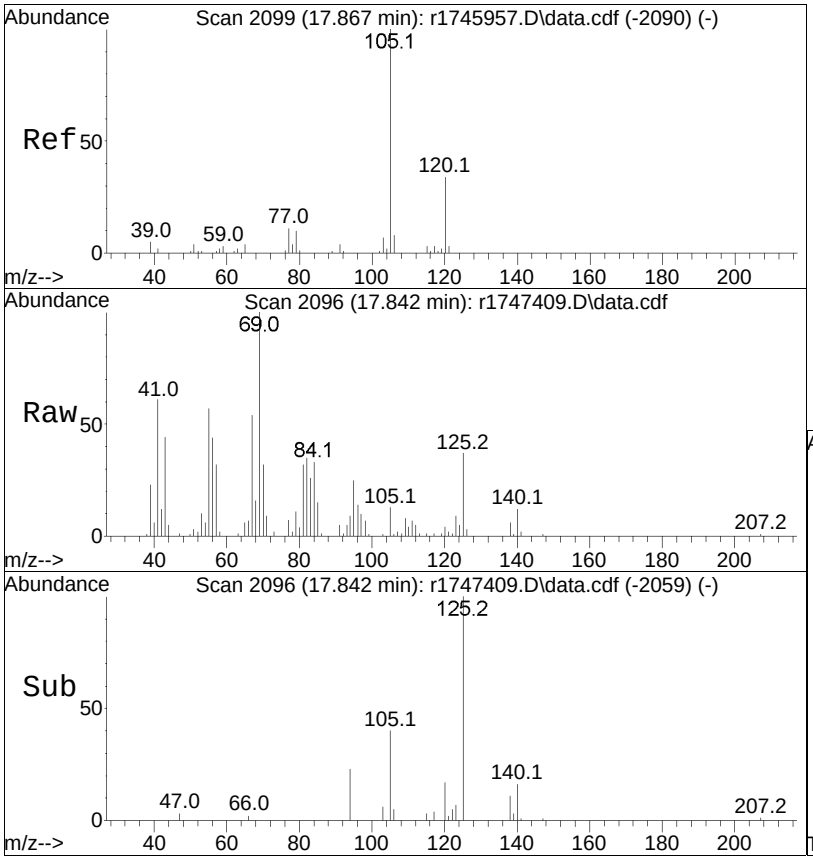


#87
o-xylene
Concen: 0.24 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. -0.025 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion: 91 Resp: 15141

Ion	Ratio	Lower	Upper
91	100		
106	49.2	43.9	65.9

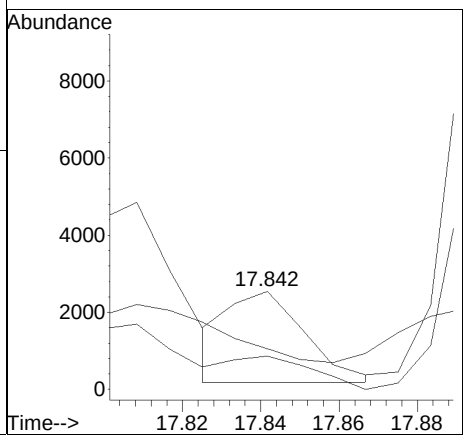


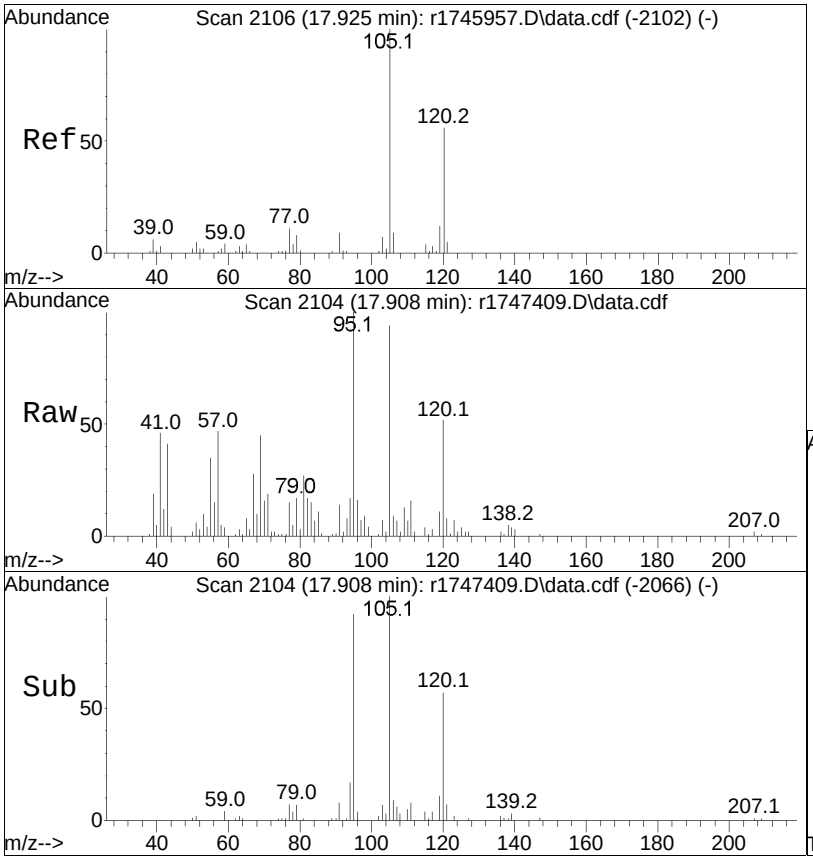


#96
4-ethyl toluene
Concen: 0.04 ppbV m
RT: 17.842 min Scan# 2096
Delta R.T. -0.025 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:105 Resp: 3234

Ion	Ratio	Lower	Upper
105	100		
120	33.9	26.9	40.3
91	41.5	7.8	11.6#

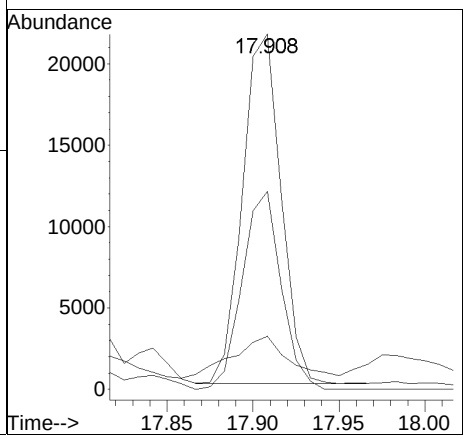


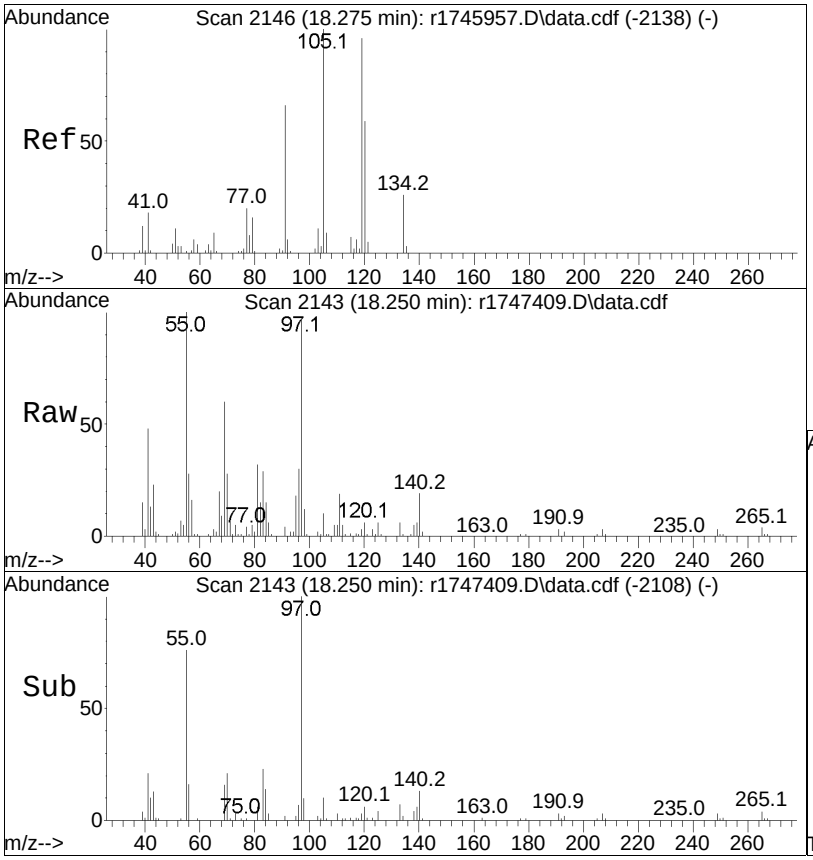


#97
1,3,5-trimethylbenzene
Concen: 0.46 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. -0.017 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:105 Resp: 33499

Ion	Ratio	Lower	Upper
105	100		
120	55.7	44.6	66.8
91	15.0	7.4	11.0#

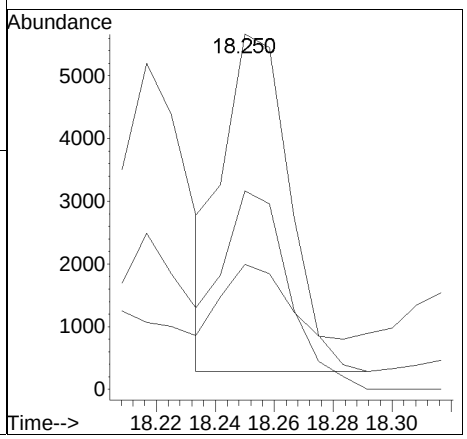




#99
1,2,4-trimethylbenzene
Concen: 0.12 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. -0.025 min
Lab File: r1747409.D
Acq: 4 Mar 2025 3:24 AM

Tgt Ion:105 Resp: 8330

Ion	Ratio	Lower	Upper
105	100		
120	55.9	47.1	70.7
91	35.2	53.0	79.4#

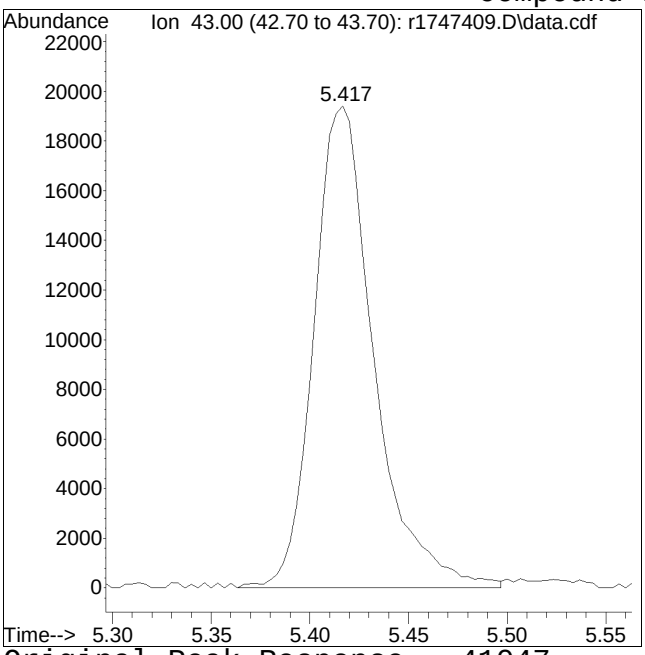


Manual Integration Report

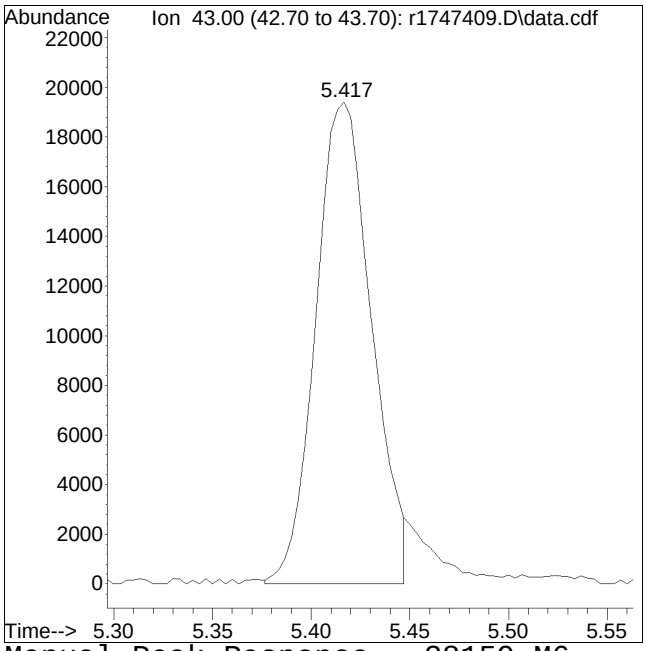
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747409.D
Date Inj'd : 3/4/2025 3:24 AM
Sample : L2508885-05D,3,117.35,250

Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/4/2025 7:34 am

Compound #19: acetone



Original Peak Response = 41047



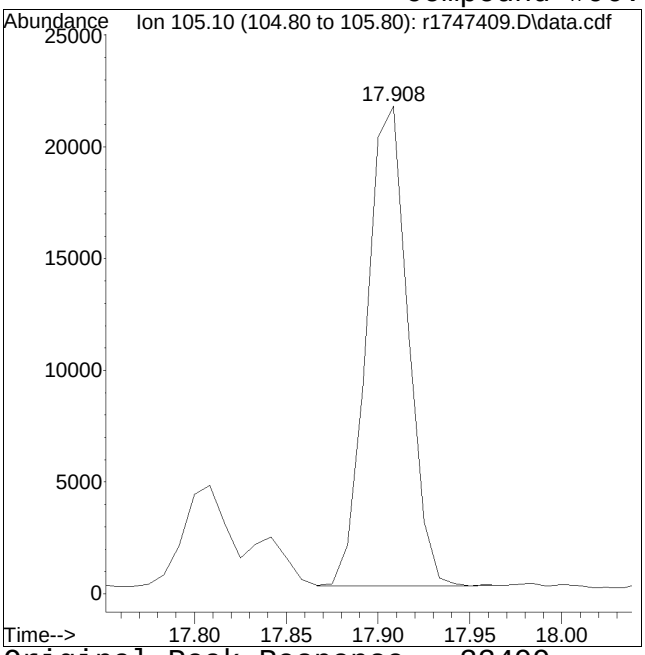
Manual Peak Response = 38159 M6

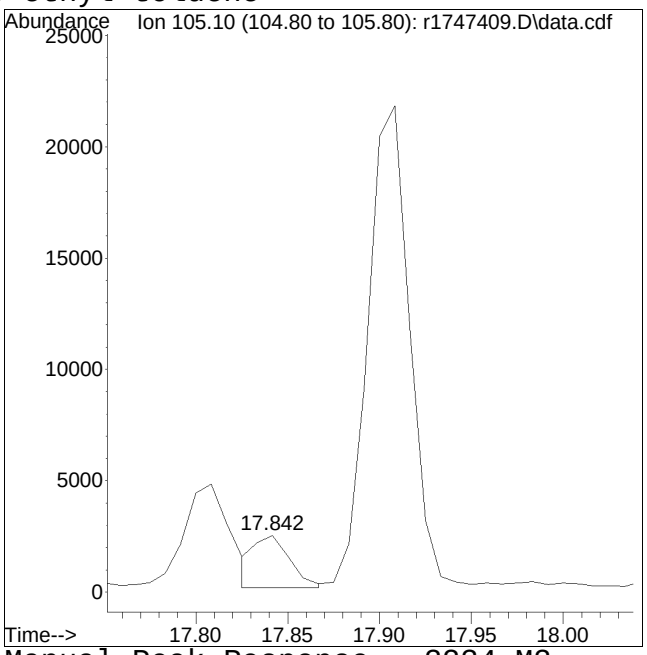
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1747409.D Operator : AIRLAB17:TPH
Date Inj'd : 3/4/2025 3:24 AM Instrument :
Sample : L2508885-05D,3,117.35,250 Quant Date : 3/4/2025 7:34 am

Compound #96: 4-ethyl toluene





Original Peak Response = 33499 Manual Peak Response = 3234 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2508885**
Project Name	**: 3200 JEROME AVE**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL21812**
Calibration dates	**: 12/21/24 03:40 12/21/24 08:14**		

Calibration Files

0.2 =r1745953.D 0.5 =r1745954.D 1.0 =r1745955.D 5.0 =r1745956.D 10 =r1745957.D 20 =r1745958.D

50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.883	0.920	0.937	0.681	0.724	0.860	0.804	0.712	0.815	12.22
3)		propylene		0.546	0.550	0.410	0.401	0.474	0.391	0.375	0.450	16.49
4)		propane		0.631	0.600	0.477	0.487	0.607	0.571	0.560	0.562	10.56
5)		dichlorodifluoromethane	1.100	1.144	1.167	0.907	0.908	1.042	0.901	0.826	0.999	12.96
6)	C	chloromethane	0.620	0.634	0.645	0.486	0.490	0.540	0.475	0.437	0.541	15.10
7)		Freon-114	1.306	1.411	1.426	1.089	1.081	1.192	1.013	0.888	1.176	16.43
8)	C	methanol			0.734	0.279	0.280	0.248	0.228	0.219	0.331	60.02#
9)	C	vinyl chloride	0.532	0.569	0.571	0.440	0.440	0.521	0.471	0.461	0.501	10.90
10)	C	1,3-butadiene	0.511	0.500	0.517	0.381	0.383	0.473	0.408	0.379	0.444	13.99
11)		butane	0.884	0.910	0.937	0.716	0.709	0.800	0.667	0.616	0.780	15.45
12)	C	acetaldehyde		0.392	0.397	0.260	0.263	0.318	0.264	0.232	0.304	21.97
13)	C	bromomethane	0.486	0.488	0.491	0.376	0.375	0.448	0.388	0.373	0.428	12.91
14)	C	chloroethane	0.259	0.274	0.271	0.205	0.201	0.246	0.216	0.215	0.236	12.73
15)		ethanol			0.505	0.379	0.354	0.387	0.328	0.303	0.376	18.74
16)		dichlorofluoromethane	0.978	1.045	1.052	0.786	0.771	0.936	0.830	0.737	0.892	14.21
17)	C	vinyl bromide	0.477	0.496	0.501	0.372	0.374	0.467	0.455	0.367	0.439	13.23
18)	C	acrolein		0.254	0.276	0.190	0.204	0.255	0.243	0.224	0.235	12.97
19)		acetone	0.946	0.945	0.947	0.686	0.677	0.797	0.622	0.524	0.768	21.55
20)	C	acetonitrile	0.495	0.483	0.500	0.380	0.378	0.456	0.467	0.368	0.441	12.77
21)		trichlorofluoromethane	0.966	1.031	1.037	0.800	0.802	0.969	0.774	0.710	0.886	14.46
22)		isopropyl alcohol	1.046	1.050	1.051	0.956	0.972	1.054	0.878	0.759	0.971	10.94
23)	C	acrylonitrile	0.433	0.464	0.465	0.363	0.371	0.474	0.483	0.473	0.441	10.86
24)		pentane	1.319	1.347	1.375	1.019	1.023	1.233	0.996	0.874	1.148	16.73
25)		ethyl ether	0.817	0.869	0.903	0.699	0.707	0.908	1.029	0.907	0.855	12.97
26)	C	1,1-dichloroethene	0.768	0.811	0.818	0.640	0.634	0.773	0.656	0.627	0.716	11.72
27)		tertiary butyl alcohol		0.819	0.839	0.682	0.682	0.900	0.817	0.817	0.794	10.31
28)	C	methylene chloride		0.816	0.799	0.603	0.604	0.755	0.706	0.649	0.704	12.63
29)	C	3-chloropropene	0.831	0.881	0.898	0.688	0.687	0.868	0.714	0.640	0.776	13.38
30)	C	carbon disulfide	1.697	1.771	1.838	1.400	1.437	1.845	1.602	1.396	1.623	11.86
31)		Freon 113	1.135	1.188	1.211	0.924	0.924	1.126	0.921	0.845	1.034	13.98
32)		trans-1,2-dichloroethene	0.764	0.842	0.829	0.629	0.633	0.798	0.678	0.643	0.727	12.49
33)	C	1,1-dichloroethane	0.948	1.034	1.084	0.820	0.824	1.009	0.839	0.788	0.918	12.49
34)	C	MTBE	1.278	1.368	1.408	1.062	1.082	1.390	1.210	1.116	1.239	11.47
35)	C	vinyl acetate			1.337	1.034	1.098	1.399	1.185	1.063	1.186	12.74
36)	C	2-butanone		1.482	1.562	1.155	1.165	1.462	1.212	1.070	1.301	14.96

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2508885**
Project Name	**: 3200 JEROME AVE**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL21812**
Calibration dates	**: 12/21/24 03:40 12/21/24 08:14**		

Calibration Files

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50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	0.699	0.774	0.795	0.614	0.614	0.750	0.638	0.610	0.687	11.28
38)		Ethyl Acetate	0.176	0.186	0.200	0.154	0.160	0.200	0.175	0.168	0.177	9.68
39)	C	chloroform	0.982	1.042	1.089	0.830	0.836	1.028	0.933	0.867	0.951	10.46
40)		Tetrahydrofuran	0.845	0.840	0.871	0.670	0.686	0.868	0.718	0.641	0.767	12.70
41)		2,2-dichloropropane	0.649	0.695	0.734	0.572	0.591	0.763	0.688	0.630	0.665	10.07
42)	C	1,2-dichloroethane	0.656	0.654	0.655	0.502	0.502	0.600	0.486	0.457	0.564	15.22
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.336	0.351	0.358	0.267	0.270	0.346	0.335	0.324	0.323	10.97
45)		diisopropyl ether	0.168	0.191	0.188	0.144	0.145	0.183	0.178	0.175	0.172	10.62
46)		tert-butyl ethyl ether	0.543	0.575	0.598	0.462	0.469	0.590	0.550	0.546	0.542	9.46
47)	s	1,2-dichloroethane-D4	0.230	0.230	0.233	0.234	0.226	0.231	0.195	0.188	0.221	8.27
48)	C	1,1,1-trichloroethane	0.304	0.323	0.327	0.260	0.263	0.333	0.287	0.287	0.298	9.50
49)		1,1-dichloropropene	0.308	0.333	0.337	0.259	0.263	0.338	0.317	0.290	0.306	10.46
50)	C	benzene	0.702	0.759	0.777	0.598	0.604	0.761	0.740	0.679	0.703	10.05
51)		thiophene	0.475	0.508	0.520	0.544	0.555	0.522	0.509	0.487	0.515	5.20
52)	C	carbon tetrachloride	0.242	0.263	0.279	0.228	0.237	0.312	0.290	0.272	0.266	10.82
53)		cyclohexane	0.342	0.366	0.380	0.283	0.285	0.368	0.365	0.365	0.344	11.20
54)		tert-amyl methyl ether	0.529	0.579	0.595	0.462	0.471	0.610	0.568	0.526	0.543	10.21
55)		dibromomethane	0.225	0.237	0.245	0.183	0.187	0.230	0.202	0.191	0.212	11.57
56)	C	1,2-dichloropropane	0.256	0.262	0.273	0.212	0.213	0.262	0.230	0.220	0.241	10.36
57)		bromodichloromethane	0.325	0.343	0.363	0.283	0.299	0.390	0.380	0.363	0.343	11.14
58)	C	1,4-dioxane	0.140	0.144	0.146	0.117	0.123	0.165	0.157	0.154	0.143	11.58
59)	C	trichloroethene	0.342	0.361	0.370	0.274	0.275	0.335	0.298	0.285	0.317	12.37
60)	C	2,2,4-trimethylpentane	1.065	1.154	1.174	0.864	0.869	1.104	1.054	1.024	1.038	11.29
61)		methyl methacrylate		0.287	0.295	0.235	0.242	0.311	0.267	0.243	0.268	11.05
62)		heptane	0.516	0.551	0.560	0.423	0.426	0.540	0.463	0.407	0.486	13.00
63)	C	cis-1,3-dichloropropene	0.293	0.315	0.329	0.275	0.289	0.385	0.368	0.342	0.325	12.00
64)	C	4-methyl-2-pentanone		0.618	0.648	0.505	0.515	0.668	0.571	0.505	0.576	12.07
65)		trans-1,3-dichloropropene	0.193	0.216	0.236	0.202	0.215	0.290	0.281	0.267	0.237	15.74
66)	C	1,1,2-trichloroethane	0.287	0.307	0.319	0.242	0.244	0.301	0.263	0.247	0.276	11.18
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	5.919	6.410	6.480	5.079	5.085	6.171	5.487	4.895	5.691	11.19
69)	s	toluene-D8	5.982	6.035	6.081	6.135	5.996	6.226	5.578	5.142	5.897	6.10
70)		2-methylthiophene	5.242	5.724	5.869	6.257	6.274	5.661	4.858	4.303	5.523	12.41
71)		1,3-dichloropropane	2.717	2.984	3.051	2.315	2.355	3.046	2.840	2.424	2.716	11.52
72)		2-hexanone	3.668	4.235	4.390	3.500	3.550	4.588	3.872	3.215	3.877	12.44

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2508885**
Project Name	**: 3200 JEROME AVE**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL21812**
Calibration dates	**: 12/21/24 03:40 12/21/24 08:14**		

Calibration Files
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50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	5.565	6.033	6.214	6.638	6.644	5.967	5.140	4.481	5.835	12.77
74)		dibromochloromethane	2.185	2.416	2.618	2.153	2.269	2.993	2.699	2.437	2.471	11.58
75)	C	1,2-dibromoethane	2.823	3.023	3.212	2.467	2.523	3.240	2.864	2.456	2.826	11.34
76)		butyl acetate		0.621	0.659	0.552	0.592	0.780	0.714	0.626	0.649	11.88
77)		octane	1.993	2.195	2.280	1.755	1.763	2.234	2.130	1.918	2.034	10.22
78)	C	tetrachloroethene	2.456	2.603	2.739	2.015	2.044	2.553	2.250	1.983	2.330	12.73
79)		1,1,1,2-tetrachloroethane	1.859	2.041	2.145	1.764	1.802	2.336	2.051	1.832	1.979	10.06
80)	C	chlorobenzene	4.977	5.356	5.455	4.170	4.214	5.363	4.871	4.075	4.810	12.06
81)	C	ethylbenzene	7.397	8.199	8.488	6.545	6.603	8.051	6.995	6.159	7.305	11.85
82)		2-ethylthiophene	5.936	6.430	6.813	7.265	7.381	6.729	5.675	4.910	6.393	13.16
83)	C	m+p-xylene	5.912	6.510	6.778	5.196	5.247	6.329	5.479	4.737	5.774	12.51
84)	C	bromoform	1.470	1.676	1.875	1.603	1.785	2.437	2.269	2.045	1.895	17.65
85)	C	styrene	4.399	4.827	5.151	4.186	4.319	5.596	4.876	4.177	4.691	10.89
86)	C	1,1,2,2-tetrachloroethane	3.899	4.393	4.655	3.695	3.807	4.805	4.445	3.648	4.168	10.98
87)	C	o-xylene	5.949	6.597	6.893	5.294	5.242	6.281	5.433	4.629	5.790	13.31
88)		1,2,3-trichloropropane	3.109	3.422	3.626	2.735	2.851	3.708	3.463	2.972	3.236	11.36
89)		nonane	5.400	5.945	6.192	4.831	4.907	6.062	5.008	4.008	5.294	14.15
90)	s	bromofluorobenzene	4.169	4.169	4.264	4.327	4.220	4.261	3.916	3.667	4.124	5.39
91)	C	isopropylbenzene	7.671	8.303	8.639	6.572	6.730	8.631	7.502	6.181	7.529	12.74
92)		bromobenzene	4.166	4.623	4.733	3.574	3.656	4.737	4.388	3.738	4.202	11.69
93)		2-chlorotoluene	2.283	2.552	2.672	2.063	2.094	2.584	2.324	2.088	2.333	10.49
94)		n-propylbenzene	2.362	2.756	2.852	2.180	2.212	2.809	2.595	2.302	2.509	11.05
95)		4-chlorotoluene	2.248	2.549	2.690	2.014	2.055	2.547	2.264	2.038	2.301	11.49
96)		4-ethyl toluene	7.464	8.476	9.007	6.796	7.030	9.067	7.982	6.597	7.802	12.55
97)		1,3,5-trimethylbenzene	6.558	7.244	7.580	5.852	6.039	7.625	6.564	5.478	6.617	12.20
98)		tert-butylbenzene	7.281	8.049	8.407	6.221	6.168	7.646	6.744	5.273	6.974	15.25
99)		1,2,4-trimethylbenzene	6.377	7.119	7.620	5.995	6.183	7.587	6.398	5.095	6.547	13.11
100)		decane	5.171	5.913	6.200	4.653	4.638	5.679	5.242	4.600	5.262	11.77
101)	C	Benzyl Chloride	1.723	2.111	2.669	2.447	2.964	4.322	4.326	3.978	3.067	33.20#
102)		1,3-dichlorobenzene	4.268	4.777	5.041	3.881	4.013	4.960	4.337	3.775	4.381	11.23
103)	C	1,4-dichlorobenzene	4.017	4.565	5.032	3.797	4.012	4.950	4.373	3.697	4.305	11.82
104)		sec-butylbenzene	0.951	1.062	1.107	0.853	0.875	1.093	0.927	0.757	0.953	13.19
105)		1,2,3-trimethylbenzene	6.405	7.157	7.699	5.440	5.611	6.765	5.693	4.604	6.172	16.49
106)		p-isopropyltoluene	0.871	0.990	1.039	0.738	0.756	0.910	0.789	0.615	0.839	16.75
107)		1,2-dichlorobenzene	4.261	4.599	4.890	3.662	3.826	4.697	4.068	3.462	4.183	12.37
108)		n-butylbenzene	6.810	8.025	8.502	6.511	6.391	7.654	6.943	6.040	7.110	12.13

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2508885**
Project Name	**: 3200 JEROME AVE**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL21812**
Calibration dates	**: 12/21/24 03:40 12/21/24 08:14**		

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50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	6.598	7.313	7.597	5.879	5.819	7.340	6.610	5.499	6.582	12.03
110)		indene	3.800	4.395	4.790	3.867	3.888	5.019	4.659	4.053	4.309	10.96
111)	C	1,2-dibromo-3-chloropr...	0.975	1.232	1.470	1.274	1.428	1.901	1.771	1.533	1.448	20.52
112)		undecane	5.298	6.213	6.725	5.077	5.070	6.202	5.587	4.816	5.623	12.13
113)		1,2,4,5-tetramethylben...	3.000	3.544	3.780	2.796	2.851	3.700	3.543	3.177	3.299	11.85
114)		dodecane	4.571	5.683	6.390	5.067	5.245	6.041	5.568	4.786	5.419	11.45
115)	C	1,2,4-trichlorobenzene	2.060	2.540	3.001	2.422	2.742	3.313	3.258	2.936	2.784	15.43
116)		naphthalene	5.990	7.401	8.951	7.314	7.850	9.075	8.675	7.799	7.882	12.99
117)		1,2,3-trichlorobenzene	1.952	2.460	2.770	2.236	2.496	2.872	2.859	2.628	2.534	12.65
118)		benzothiophene	2.312	2.960	4.005	3.343	3.872	4.517	4.483	4.227	3.715	21.05
119)	C	hexachlorobutadiene	2.576	2.962	3.108	2.323	2.363	2.758	2.620	2.214	2.615	12.04
120)		2-methylnaphthalene			0.458	0.391	0.604	0.642	0.746	0.734	0.596	24.31
121)		1-methylnaphthalene			0.929	0.764	1.076	1.048	1.178	1.131	1.021	14.87

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Method File : TFS17_241220.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Dec 23 13:55:18 2024
Response Via : Initial Calibration

Calibration Files
0.2 =r1745953.D 0.5 =r1745954.D 1.0 =r1745955.D 5.0 =r1745956.D 10 =r1745957.D 20 =r1745958.D
50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	0.883	0.920	0.937	0.681	0.724	0.860	0.804	0.712	0.815	12.22
3)		propylene		0.546	0.550	0.410	0.401	0.474	0.391	0.375	0.450	16.49
4)		propane		0.631	0.600	0.477	0.487	0.607	0.571	0.560	0.562	10.56
5)		dichlorodifluo...	1.100	1.144	1.167	0.907	0.908	1.042	0.901	0.826	0.999	12.96
6)	C	chloromethane	0.620	0.634	0.645	0.486	0.490	0.540	0.475	0.437	0.541	15.10
7)		Freon-114	1.306	1.411	1.426	1.089	1.081	1.192	1.013	0.888	1.176	16.43
8)	C	methanol			0.734	0.279	0.280	0.248	0.228	0.219	0.331	60.02#
9)	C	vinyl chloride	0.532	0.569	0.571	0.440	0.440	0.521	0.471	0.461	0.501	10.90
10)	C	1,3-butadiene	0.511	0.500	0.517	0.381	0.383	0.473	0.408	0.379	0.444	13.99
11)		butane	0.884	0.910	0.937	0.716	0.709	0.800	0.667	0.616	0.780	15.45
12)	C	acetaldehyde		0.392	0.397	0.260	0.263	0.318	0.264	0.232	0.304	21.97
13)	C	bromomethane	0.486	0.488	0.491	0.376	0.375	0.448	0.388	0.373	0.428	12.91
14)	C	chloroethane	0.259	0.274	0.271	0.205	0.201	0.246	0.216	0.215	0.236	12.73
15)		ethanol			0.505	0.379	0.354	0.387	0.328	0.303	0.376	18.74
16)		dichlorofluoro...	0.978	1.045	1.052	0.786	0.771	0.936	0.830	0.737	0.892	14.21
17)	C	vinyl bromide	0.477	0.496	0.501	0.372	0.374	0.467	0.455	0.367	0.439	13.23
18)	C	acrolein		0.254	0.276	0.190	0.204	0.255	0.243	0.224	0.235	12.97
19)		acetone	0.946	0.945	0.947	0.686	0.677	0.797	0.622	0.524	0.768	21.55
20)	C	acetonitrile	0.495	0.483	0.500	0.380	0.378	0.456	0.467	0.368	0.441	12.77
21)		trichlorofluor...	0.966	1.031	1.037	0.800	0.802	0.969	0.774	0.710	0.886	14.46
22)		isopropyl alcohol	1.046	1.050	1.051	0.956	0.972	1.054	0.878	0.759	0.971	10.94
23)	C	acrylonitrile	0.433	0.464	0.465	0.363	0.371	0.474	0.483	0.473	0.441	10.86
24)		pentane	1.319	1.347	1.375	1.019	1.023	1.233	0.996	0.874	1.148	16.73
25)		ethyl ether	0.817	0.869	0.903	0.699	0.707	0.908	1.029	0.907	0.855	12.97
26)	C	1,1-dichloroet...	0.768	0.811	0.818	0.640	0.634	0.773	0.656	0.627	0.716	11.72
27)		tertiary butyl...		0.819	0.839	0.682	0.682	0.900	0.817	0.817	0.794	10.31
28)	C	methylene chlo...		0.816	0.799	0.603	0.604	0.755	0.706	0.649	0.704	12.63
29)	C	3-chloropropene	0.831	0.881	0.898	0.688	0.687	0.868	0.714	0.640	0.776	13.38
30)	C	carbon disulfide	1.697	1.771	1.838	1.400	1.437	1.845	1.602	1.396	1.623	11.86
31)		Freon 113	1.135	1.188	1.211	0.924	0.924	1.126	0.921	0.845	1.034	13.98

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Method File : TFS17_241220.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Dec 23 13:55:18 2024
Response Via : Initial Calibration

Calibration Files
0.2 =r1745953.D 0.5 =r1745954.D 1.0 =r1745955.D 5.0 =r1745956.D 10 =r1745957.D 20 =r1745958.D
50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	0.764	0.842	0.829	0.629	0.633	0.798	0.678	0.643	0.727	12.49
33)	C	1,1-dichloroet...	0.948	1.034	1.084	0.820	0.824	1.009	0.839	0.788	0.918	12.49
34)	C	MTBE	1.278	1.368	1.408	1.062	1.082	1.390	1.210	1.116	1.239	11.47
35)	C	vinyl acetate			1.337	1.034	1.098	1.399	1.185	1.063	1.186	12.74
36)	C	2-butanone			1.482	1.562	1.155	1.165	1.462	1.212	1.070	1.301	14.96
37)		cis-1,2-dichlo...	0.699	0.774	0.795	0.614	0.614	0.750	0.638	0.610	0.687	11.28
38)		Ethyl Acetate	0.176	0.186	0.200	0.154	0.160	0.200	0.175	0.168	0.177	9.68
39)	C	chloroform	0.982	1.042	1.089	0.830	0.836	1.028	0.933	0.867	0.951	10.46
40)		Tetrahydrofuran	0.845	0.840	0.871	0.670	0.686	0.868	0.718	0.641	0.767	12.70
41)		2,2-dichloropr...	0.649	0.695	0.734	0.572	0.591	0.763	0.688	0.630	0.665	10.07
42)	C	1,2-dichloroet...	0.656	0.654	0.655	0.502	0.502	0.600	0.486	0.457	0.564	15.22
43)	I	1,4-difluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
44)	C	hexane	0.336	0.351	0.358	0.267	0.270	0.346	0.335	0.324	0.323	10.97
45)		diisopropyl ether	0.168	0.191	0.188	0.144	0.145	0.183	0.178	0.175	0.172	10.62
46)		tert-butyl eth...	0.543	0.575	0.598	0.462	0.469	0.590	0.550	0.546	0.542	9.46
47)	s	1,2-dichloroet...	0.230	0.230	0.233	0.234	0.226	0.231	0.195	0.188	0.221	8.27
48)	C	1,1,1-trichlor...	0.304	0.323	0.327	0.260	0.263	0.333	0.287	0.287	0.298	9.50
49)		1,1-dichloropr...	0.308	0.333	0.337	0.259	0.263	0.338	0.317	0.290	0.306	10.46
50)	C	benzene	0.702	0.759	0.777	0.598	0.604	0.761	0.740	0.679	0.703	10.05
51)		thiophene	0.475	0.508	0.520	0.544	0.555	0.522	0.509	0.487	0.515	5.20
52)	C	carbon tetrach...	0.242	0.263	0.279	0.228	0.237	0.312	0.290	0.272	0.266	10.82
53)		cyclohexane	0.342	0.366	0.380	0.283	0.285	0.368	0.365	0.365	0.344	11.20
54)		tert-amyl meth...	0.529	0.579	0.595	0.462	0.471	0.610	0.568	0.526	0.543	10.21
55)		dibromomethane	0.225	0.237	0.245	0.183	0.187	0.230	0.202	0.191	0.212	11.57
56)	C	1,2-dichloropr...	0.256	0.262	0.273	0.212	0.213	0.262	0.230	0.220	0.241	10.36
57)		bromodichlorom...	0.325	0.343	0.363	0.283	0.299	0.390	0.380	0.363	0.343	11.14
58)	C	1,4-dioxane	0.140	0.144	0.146	0.117	0.123	0.165	0.157	0.154	0.143	11.58
59)	C	trichloroethene	0.342	0.361	0.370	0.274	0.275	0.335	0.298	0.285	0.317	12.37
60)	C	2,2,4-trimethy...	1.065	1.154	1.174	0.864	0.869	1.104	1.054	1.024	1.038	11.29
61)		methyl methacr...			0.287	0.295	0.235	0.242	0.311	0.267	0.243	0.268	11.05
62)		heptane	0.516	0.551	0.560	0.423	0.426	0.540	0.463	0.407	0.486	13.00

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Method File : TFS17_241220.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Dec 23 13:55:18 2024
Response Via : Initial Calibration

Calibration Files
0.2 =r1745953.D 0.5 =r1745954.D 1.0 =r1745955.D 5.0 =r1745956.D 10 =r1745957.D 20 =r1745958.D
50 =r1745959.D 100 =r1745960.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.293	0.315	0.329	0.275	0.289	0.385	0.368	0.342	0.325	12.00
64)	C	4-methyl-2-pen...		0.618	0.648	0.505	0.515	0.668	0.571	0.505	0.576	12.07
65)		trans-1,3-dich...	0.193	0.216	0.236	0.202	0.215	0.290	0.281	0.267	0.237	15.74
66)	C	1,1,2-trichlor...	0.287	0.307	0.319	0.242	0.244	0.301	0.263	0.247	0.276	11.18
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	5.919	6.410	6.480	5.079	5.085	6.171	5.487	4.895	5.691	11.19
69)	s	toluene-D8	5.982	6.035	6.081	6.135	5.996	6.226	5.578	5.142	5.897	6.10
70)		2-methylthiophene	5.242	5.724	5.869	6.257	6.274	5.661	4.858	4.303	5.523	12.41
71)		1,3-dichloropr...	2.717	2.984	3.051	2.315	2.355	3.046	2.840	2.424	2.716	11.52
72)		2-hexanone	3.668	4.235	4.390	3.500	3.550	4.588	3.872	3.215	3.877	12.44
73)		3-methylthiophene	5.565	6.033	6.214	6.638	6.644	5.967	5.140	4.481	5.835	12.77
74)		dibromochlorom...	2.185	2.416	2.618	2.153	2.269	2.993	2.699	2.437	2.471	11.58
75)	C	1,2-dibromoethane	2.823	3.023	3.212	2.467	2.523	3.240	2.864	2.456	2.826	11.34
76)		butyl acetate		0.621	0.659	0.552	0.592	0.780	0.714	0.626	0.649	11.88
77)		octane	1.993	2.195	2.280	1.755	1.763	2.234	2.130	1.918	2.034	10.22
78)	C	tetrachloroethene	2.456	2.603	2.739	2.015	2.044	2.553	2.250	1.983	2.330	12.73
79)		1,1,1,2-tetrac...	1.859	2.041	2.145	1.764	1.802	2.336	2.051	1.832	1.979	10.06
80)	C	chlorobenzene	4.977	5.356	5.455	4.170	4.214	5.363	4.871	4.075	4.810	12.06
81)	C	ethylbenzene	7.397	8.199	8.488	6.545	6.603	8.051	6.995	6.159	7.305	11.85
82)		2-ethylthiophene	5.936	6.430	6.813	7.265	7.381	6.729	5.675	4.910	6.393	13.16
83)	C	m+p-xylene	5.912	6.510	6.778	5.196	5.247	6.329	5.479	4.737	5.774	12.51
84)	C	bromoform	1.470	1.676	1.875	1.603	1.785	2.437	2.269	2.045	1.895	17.65
85)	C	styrene	4.399	4.827	5.151	4.186	4.319	5.596	4.876	4.177	4.691	10.89
86)	C	1,1,2,2-tetrac...	3.899	4.393	4.655	3.695	3.807	4.805	4.445	3.648	4.168	10.98
87)	C	o-xylene	5.949	6.597	6.893	5.294	5.242	6.281	5.433	4.629	5.790	13.31
88)		1,2,3-trichlor...	3.109	3.422	3.626	2.735	2.851	3.708	3.463	2.972	3.236	11.36
89)		nonane	5.400	5.945	6.192	4.831	4.907	6.062	5.008	4.008	5.294	14.15
90)	s	bromofluoroben...	4.169	4.169	4.264	4.327	4.220	4.261	3.916	3.667	4.124	5.39
91)	C	isopropylbenzene	7.671	8.303	8.639	6.572	6.730	8.631	7.502	6.181	7.529	12.74
92)		bromobenzene	4.166	4.623	4.733	3.574	3.656	4.737	4.388	3.738	4.202	11.69
93)		2-chlorotoluene	2.283	2.552	2.672	2.063	2.094	2.584	2.324	2.088	2.333	10.49

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Method File : TFS17_241220.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Dec 23 13:55:18 2024
Response Via : Initial Calibration

Calibration Files
0.2 =r1745953.D 0.5 =r1745954.D 1.0 =r1745955.D 5.0 =r1745956.D 10 =r1745957.D 20 =r1745958.D
50 =r1745959.D 100 =r1745960.D

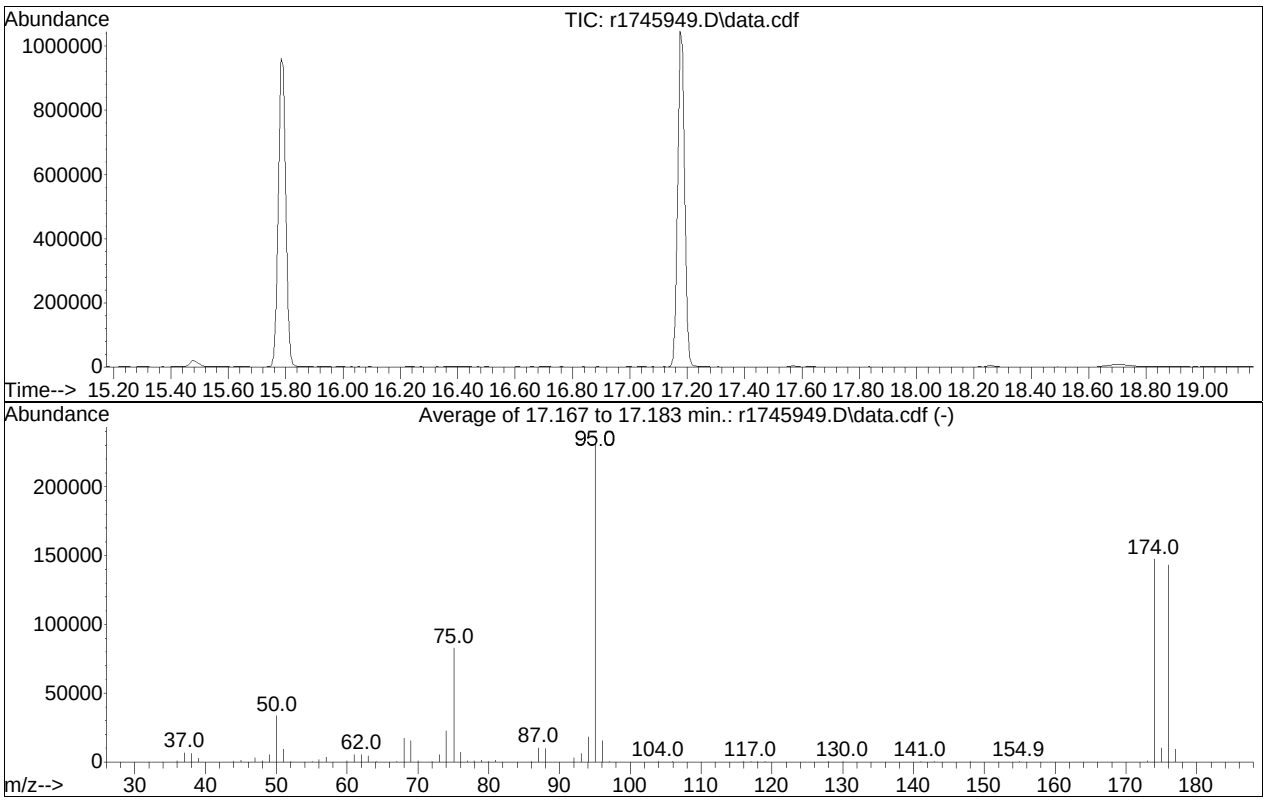
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	2.362	2.756	2.852	2.180	2.212	2.809	2.595	2.302	2.509	11.05
95)		4-chlorotoluene	2.248	2.549	2.690	2.014	2.055	2.547	2.264	2.038	2.301	11.49
96)		4-ethyl toluene	7.464	8.476	9.007	6.796	7.030	9.067	7.982	6.597	7.802	12.55
97)		1,3,5-trimethy...	6.558	7.244	7.580	5.852	6.039	7.625	6.564	5.478	6.617	12.20
98)		tert-butylbenzene	7.281	8.049	8.407	6.221	6.168	7.646	6.744	5.273	6.974	15.25
99)		1,2,4-trimethy...	6.377	7.119	7.620	5.995	6.183	7.587	6.398	5.095	6.547	13.11
100)		decane	5.171	5.913	6.200	4.653	4.638	5.679	5.242	4.600	5.262	11.77
101)	C	Benzyl Chloride	1.723	2.111	2.669	2.447	2.964	4.322	4.326	3.978	3.067	33.20#
102)		1,3-dichlorobe...	4.268	4.777	5.041	3.881	4.013	4.960	4.337	3.775	4.381	11.23
103)	C	1,4-dichlorobe...	4.017	4.565	5.032	3.797	4.012	4.950	4.373	3.697	4.305	11.82
104)		sec-butylbenzene	0.951	1.062	1.107	0.853	0.875	1.093	0.927	0.757	0.953	13.19
105)		1,2,3-trimethy...	6.405	7.157	7.699	5.440	5.611	6.765	5.693	4.604	6.172	16.49
106)		p-isopropyltol...	0.871	0.990	1.039	0.738	0.756	0.910	0.789	0.615	0.839	16.75
107)		1,2-dichlorobe...	4.261	4.599	4.890	3.662	3.826	4.697	4.068	3.462	4.183	12.37
108)		n-butylbenzene	6.810	8.025	8.502	6.511	6.391	7.654	6.943	6.040	7.110	12.13
109)		indan	6.598	7.313	7.597	5.879	5.819	7.340	6.610	5.499	6.582	12.03
110)		indene	3.800	4.395	4.790	3.867	3.888	5.019	4.659	4.053	4.309	10.96
111)	C	1,2-dibromo-3-...	0.975	1.232	1.470	1.274	1.428	1.901	1.771	1.533	1.448	20.52
112)		undecane	5.298	6.213	6.725	5.077	5.070	6.202	5.587	4.816	5.623	12.13
113)		1,2,4,5-tetram...	3.000	3.544	3.780	2.796	2.851	3.700	3.543	3.177	3.299	11.85
114)		dodecane	4.571	5.683	6.390	5.067	5.245	6.041	5.568	4.786	5.419	11.45
115)	C	1,2,4-trichlor...	2.060	2.540	3.001	2.422	2.742	3.313	3.258	2.936	2.784	15.43
116)		naphthalene	5.990	7.401	8.951	7.314	7.850	9.075	8.675	7.799	7.882	12.99
117)		1,2,3-trichlor...	1.952	2.460	2.770	2.236	2.496	2.872	2.859	2.628	2.534	12.65
118)		benzothiophene	2.312	2.960	4.005	3.343	3.872	4.517	4.483	4.227	3.715	21.05
119)	C	hexachlorobuta...	2.576	2.962	3.108	2.323	2.363	2.758	2.620	2.214	2.615	12.04
120)		2-methylnaphth...			0.458	0.391	0.604	0.642	0.746	0.734	0.596	24.31
121)		1-methylnaphth...			0.929	0.764	1.076	1.048	1.178	1.131	1.021	14.87

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745949.D
Acq On : 20 Dec 2024 7:59 PM
Operator : AIRLAB17:BJB
Sample : WG2012830-1,3,250,250
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Dec 23 13:55:18 2024



Spectrum Information: Average of 17.167 to 17.183 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.5	33633	PASS
75	95	30	66	35.8	83129	PASS
95	95	100	100	100.0	232041	PASS
96	95	5	9	6.7	15616	PASS
173	174	0.00	2	0.6	882	PASS
174	95	50	120	63.7	147775	PASS
175	174	4	9	7.1	10463	PASS
176	174	93	101	96.8	143078	PASS
177	176	5	9	6.5	9367	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745953.D
Acq On : 21 Dec 2024 3:40 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:23 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	298753	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 99.71%			
43) 1,4-difluorobenzene	11.030	114	804866	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 99.11%			
67) chlorobenzene-D5	15.792	54	112132	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 100.57%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	184982	10.164	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.64%			
69) toluene-D8	13.875	98	670764	9.977	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.77%			
90) bromofluorobenzene	17.183	95	467492	9.879	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.79%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.778	51	5274	0.244	ppbV	99
3) propylene	3.802	41	3154M6	0.263	ppbV	
4) propane	3.826	29	3888	0.267	ppbV	97
5) dichlorodifluoromethane	3.874	85	6570	0.242	ppbV	100
6) chloromethane	4.024	50	3705	0.253	ppbV	98
7) Freon-114	4.126	85	7803	0.242	ppbV	97
8) methanol	4.180	31	20951	2.506	ppbV #	67
9) vinyl chloride	4.240	62	3178	0.242	ppbV	93
10) 1,3-butadiene	4.378	54	3051	0.267	ppbV	91
11) butane	4.432	43	5281	0.249	ppbV	96
12) acetaldehyde	4.144	29	11615	1.475	ppbV #	66
13) bromomethane	4.642	94	2902	0.259	ppbV	95
14) chloroethane	4.822	64	1547	0.257	ppbV	97
15) ethanol	4.942	31	13745	1.299	ppbV	99
16) dichlorofluoromethane	4.924	67	5845	0.254	ppbV	97
17) vinyl bromide	5.187	106	2851	0.255	ppbV	89
18) acrolein	5.310	56	1521	0.249	ppbV #	66
19) acetone	5.453	43	28265	1.398	ppbV #	100
20) acetonitrile	5.170	41	2958M4	0.262	ppbV	
21) trichlorofluoromethane	5.630	101	5769	0.241	ppbV	95
22) isopropyl alcohol	5.720	45	15622	0.538	ppbV	99
23) acrylonitrile	5.947	53	2588	0.233	ppbV	96
24) pentane	6.017	43	7882	0.258	ppbV	99

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745953.D
Acq On : 21 Dec 2024 3:40 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:23 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.053	31	4881	0.231	ppbV		95
26) 1,1-dichloroethene	6.312	61	4589	0.242	ppbV		98
27) tertiary butyl alcohol	6.372	59	4468	0.219	ppbV	#	92
28) methylene chloride	6.450	49	5037	0.279	ppbV		99
29) 3-chloropropene	6.576	41	4966	0.242	ppbV		96
30) carbon disulfide	6.744	76	10139	0.236	ppbV	#	43
31) Freon 113	6.750	101	6781	0.246	ppbV		98
32) trans-1,2-dichloroethene	7.475	61	4563	0.241	ppbV		97
33) 1,1-dichloroethane	7.692	63	5664	0.230	ppbV		98
34) MTBE	7.783	73	7635	0.236	ppbV		98
35) vinyl acetate	7.883	43	7222	0.220	ppbV		99
36) 2-butanone	8.150	43	8563	0.246	ppbV	#	97
37) cis-1,2-dichloroethene	8.633	61	4176	0.227	ppbV		98
38) Ethyl Acetate	8.925	61	1054	0.221	ppbV	#	1
39) chloroform	8.967	83	5867	0.235	ppbV		97
40) Tetrahydrofuran	9.425	42	5051	0.246	ppbV		95
41) 2,2-dichloropropane	8.992	77	3876	0.219	ppbV	#	86
42) 1,2-dichloroethane	9.792	62	3922	0.262	ppbV		98
44) hexane	8.892	57	5408	0.249	ppbV	#	52
45) diisopropyl ether	8.892	87	2708	0.232	ppbV		97
46) tert-butyl ethyl ether	9.508	59	8734	0.231	ppbV		99
48) 1,1,1-trichloroethane	10.083	97	4898	0.232	ppbV		98
49) 1,1-dichloropropene	10.450	75	4952	0.234	ppbV	#	90
50) benzene	10.603	78	11299	0.232	ppbV		99
51) thiophene	10.750	84	7647	0.171	ppbV		95
52) carbon tetrachloride	10.777	117	3900	0.204	ppbV		99
53) cyclohexane	10.923	56	5498	0.239	ppbV		94
54) tert-amyl methyl ether	11.310	73	8516	0.224	ppbV		94
55) dibromomethane	11.510	93	3614	0.240	ppbV		93
56) 1,2-dichloropropane	11.550	63	4128	0.241	ppbV		95
57) bromodichloromethane	11.770	83	5230	0.217	ppbV		99
58) 1,4-dioxane	11.830	88	2247	0.227	ppbV		86
59) trichloroethene	11.823	130	5510	0.249	ppbV		96
60) 2,2,4-trimethylpentane	11.883	57	17140	0.245	ppbV	#	96
61) methyl methacrylate	12.077	41	4207	0.216	ppbV		97
62) heptane	12.197	43	8312	0.242	ppbV		94
63) cis-1,3-dichloropropene	12.842	75	4721	0.203	ppbV		95
64) 4-methyl-2-pentanone	12.892	43	9340	0.225	ppbV		98
65) trans-1,3-dichloropropene	13.467	75	3101	0.179	ppbV	#	82
66) 1,1,2-trichloroethane	13.667	97	4619	0.235	ppbV		93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745953.D
Acq On : 21 Dec 2024 3:40 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:23 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	13.992	91	13275	0.233	ppbV		100
70) 2-methylthiophene	14.067	97	11755	0.167	ppbV		99
71) 1,3-dichloropropane	14.025	76	6094	0.231	ppbV	#	96
72) 2-hexanone	14.317	43	8225	0.207	ppbV		94
73) 3-methylthiophene	14.267	97	12481	0.168	ppbV		98
74) dibromochloromethane	14.450	129	4901	0.193	ppbV		96
75) 1,2-dibromoethane	14.708	107	6332	0.224	ppbV		97
76) butyl acetate	14.983	73	1273	0.192	ppbV		77
77) octane	15.058	85	4469	0.226	ppbV		95
78) tetrachloroethene	15.183	166	5509	0.240	ppbV		99
79) 1,1,1,2-tetrachloroethane	15.825	131	4168	0.206	ppbV		95
80) chlorobenzene	15.833	112	11162	0.236	ppbV		95
81) ethylbenzene	16.192	91	16588	0.224	ppbV		99
82) 2-ethylthiophene	16.233	97	13312	0.161	ppbV		94
83) m+p-xylene	16.358	91	26518	0.451	ppbV		96
84) bromoform	16.417	173	3296	0.165	ppbV		96
85) styrene	16.683	104	9865	0.204	ppbV		98
86) 1,1,2,2-tetrachloroethane	16.783	83	8743	0.205	ppbV		96
87) o-xylene	16.783	91	13342	0.227	ppbV		95
88) 1,2,3-trichloropropane	16.900	75	6972	0.218	ppbV		96
89) nonane	16.992	43	12110	0.220	ppbV	#	95
91) isopropylbenzene	17.308	105	17203	0.228	ppbV		99
92) bromobenzene	17.375	77	9342	0.228	ppbV		95
93) 2-chlorotoluene	17.708	126	5121	0.218	ppbV		98
94) n-propylbenzene	17.742	120	5296	0.214	ppbV		100
95) 4-chlorotoluene	17.775	126	5042	0.219	ppbV		95
96) 4-ethyl toluene	17.867	105	16740	0.212	ppbV		96
97) 1,3,5-trimethylbenzene	17.933	105	14707	0.217	ppbV	#	93
98) tert-butylbenzene	18.283	119	16328	0.236	ppbV		96
99) 1,2,4-trimethylbenzene	18.283	105	14302	0.206	ppbV		91
100) decane	18.375	57	11597	0.223	ppbV		96
101) Benzyl Chloride	18.400	91	3865	0.116	ppbV		100
102) 1,3-dichlorobenzene	18.408	146	9571	0.213	ppbV		96
103) 1,4-dichlorobenzene	18.467	146	9009	0.200	ppbV		100
104) sec-butylbenzene	18.508	105	21335	0.217	ppbV		98
105) 1,2,3-trimethylbenzene	18.633	105	14365	0.228	ppbV		91
106) p-isopropyltoluene	18.633	119	19535	0.230	ppbV		99
107) 1,2-dichlorobenzene	18.750	146	9556	0.223	ppbV		97
108) n-butylbenzene	18.983	91	15272	0.213	ppbV		96
109) indan	18.800	117	14797	0.227	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745953.D
Acq On : 21 Dec 2024 3:40 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:23 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

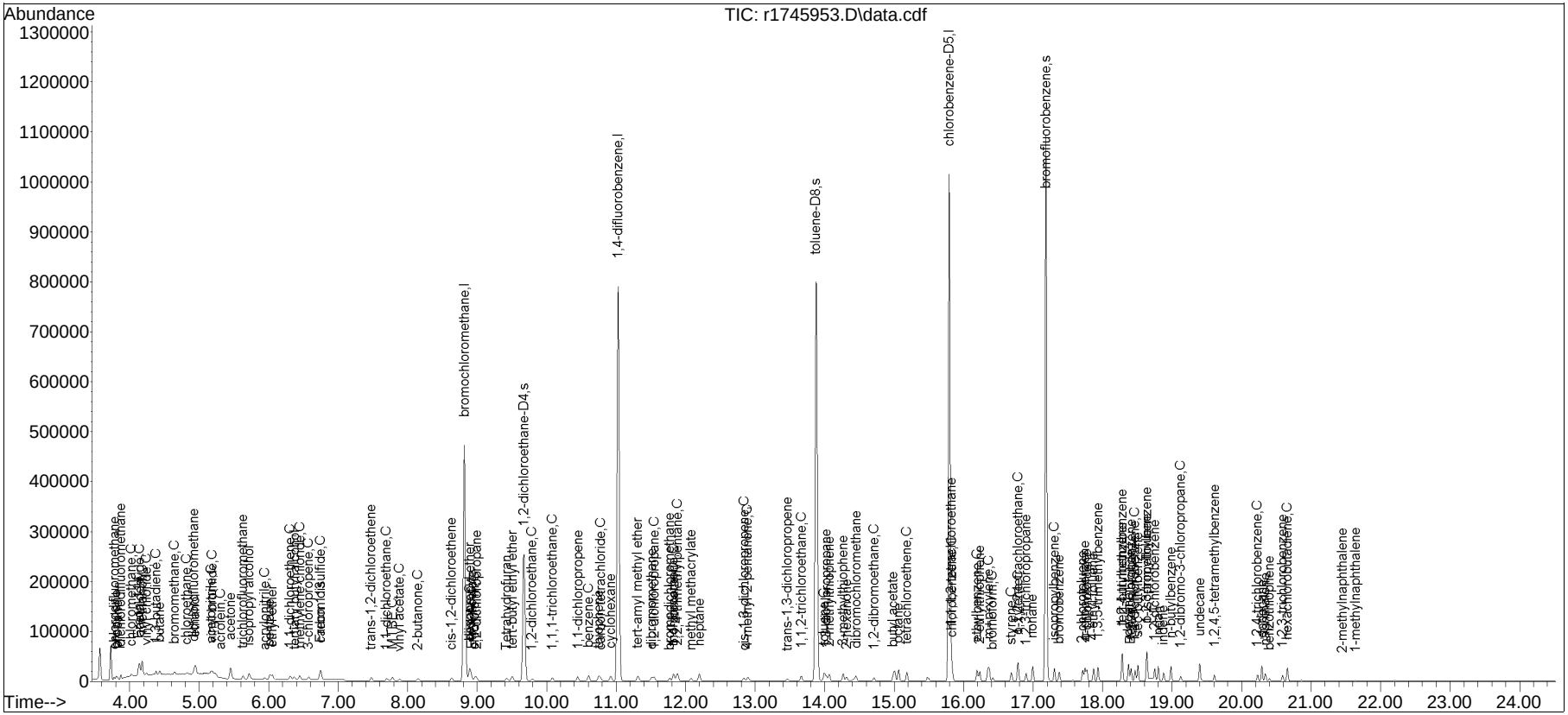
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.875	115	8523	0.195	ppbV #	92
111) 1,2-dibromo-3-chloropr...	19.125	75	2187	0.137	ppbV #	78
112) undecane	19.400	57	11882	0.209	ppbV	94
113) 1,2,4,5-tetramethylben...	19.608	119	6729	0.211	ppbV	97
114) dodecane	20.292	57	10251	0.174	ppbV	95
115) 1,2,4-trichlorobenzene	20.225	180	4620	0.150	ppbV	96
116) naphthalene	20.342	128	13434	0.153	ppbV	98
117) 1,2,3-trichlorobenzene	20.592	180	4377	0.156	ppbV	98
118) benzothiophene	20.400	134	5184	0.119	ppbV #	96
119) hexachlorobutadiene	20.658	225	5776	0.218	ppbV	94
120) 2-methylnaphthalene	21.450	142	290	0.043	ppbV #	78
121) 1-methylnaphthalene	21.642	142	883	0.073	ppbV #	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745953.D
Acq On : 21 Dec 2024 3:40 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

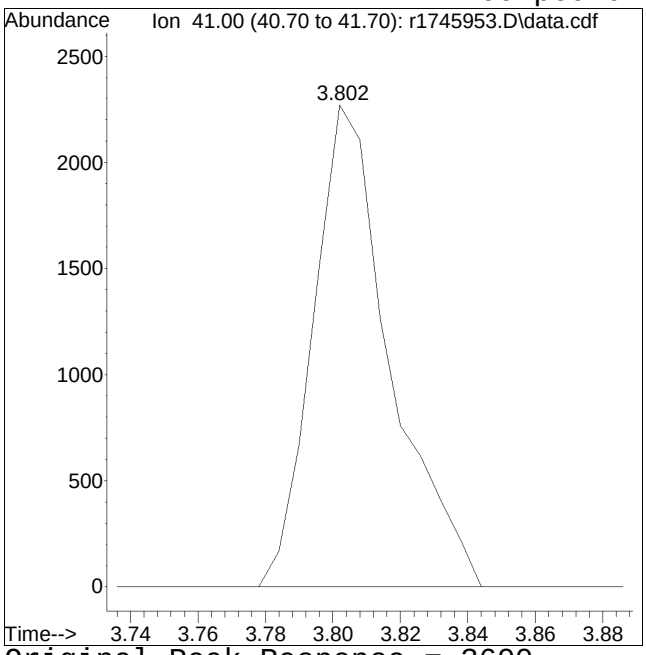
Quant Time: Dec 21 08:35:23 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



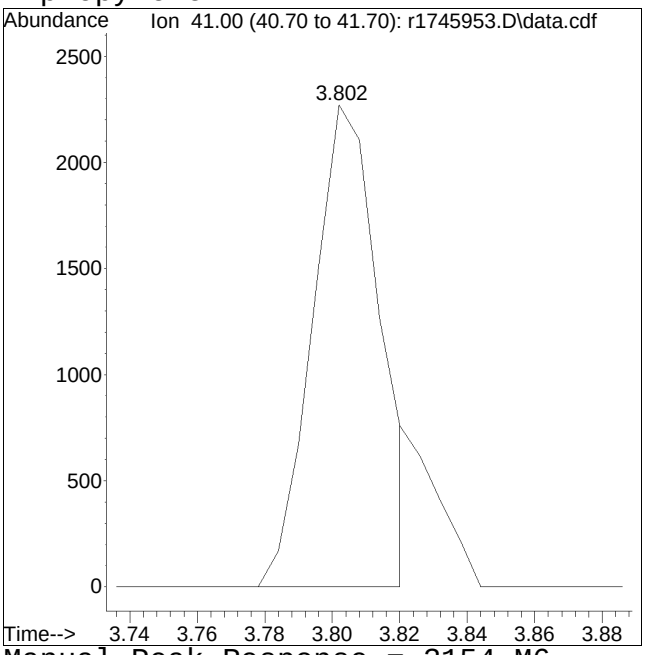
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745953.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 3:40 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 12/21/2024 8:35 am

Compound #3: propylene



Original Peak Response = 3600



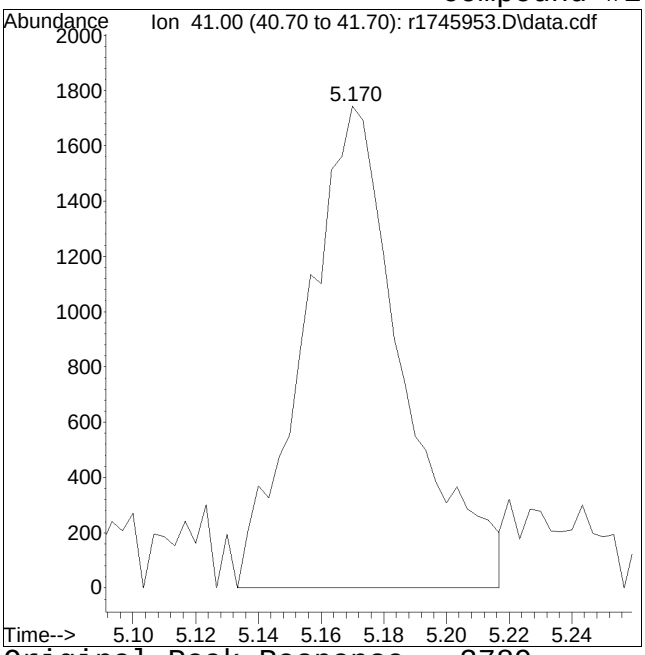
Manual Peak Response = 3154 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

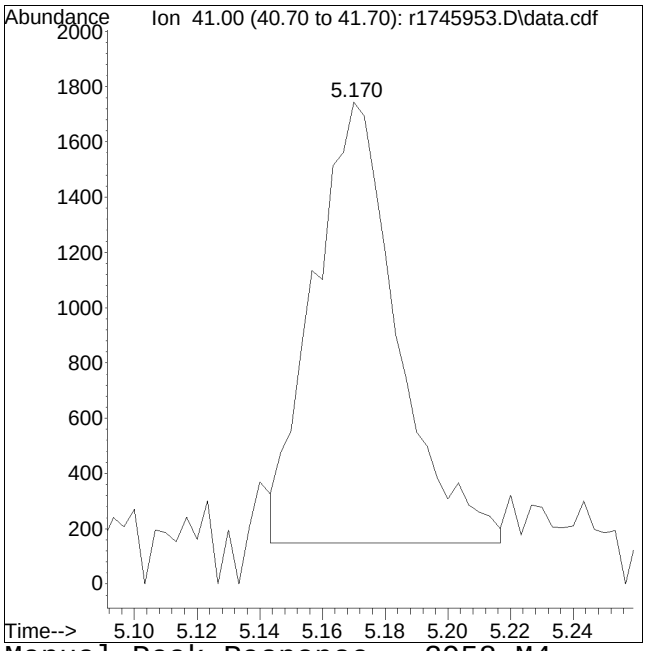
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745953.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 3:40 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 12/21/2024 8:35 am

Compound #20: acetonitrile



Original Peak Response = 3789



Manual Peak Response = 2958 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745954.D
Acq On : 21 Dec 2024 4:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:34 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	296002	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 98.79%			
43) 1,4-difluorobenzene	11.030	114	802951	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 98.88%			
67) chlorobenzene-D5	15.792	54	109874	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 98.55%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	184623	10.169	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.69%			
69) toluene-D8	13.875	98	663089	10.065	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.65%			
90) bromofluorobenzene	17.183	95	458117	9.879	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.79%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.772	51	13614	0.635	ppbV	99
3) propylene	3.802	41	8082M6	0.681	ppbV	
4) propane	3.826	29	9337	0.648	ppbV	95
5) dichlorodifluoromethane	3.874	85	16931	0.630	ppbV	100
6) chloromethane	4.030	50	9388	0.647	ppbV	96
7) Freon-114	4.126	85	20884	0.653	ppbV	100
8) methanol	4.180	31	53316	6.437	ppbV #	88
9) vinyl chloride	4.240	62	8418	0.647	ppbV	98
10) 1,3-butadiene	4.378	54	7404	0.653	ppbV	98
11) butane	4.432	43	13467	0.642	ppbV	93
12) acetaldehyde	4.144	29	28994	3.717	ppbV	87
13) bromomethane	4.642	94	7218	0.650	ppbV	99
14) chloroethane	4.822	64	4062	0.682	ppbV	99
15) ethanol	4.942	31	36813	3.513	ppbV	99
16) dichlorofluoromethane	4.930	67	15472	0.678	ppbV	99
17) vinyl bromide	5.183	106	7343	0.662	ppbV	94
18) acrolein	5.310	56	3766	0.623	ppbV #	89
19) acetone	5.450	43	69894	3.490	ppbV	96
20) acetonitrile	5.167	41	7152M4	0.640	ppbV	
21) trichlorofluoromethane	5.630	101	15254	0.643	ppbV	96
22) isopropyl alcohol	5.710	45	38841	1.350	ppbV	99
23) acrylonitrile	5.943	53	6861	0.624	ppbV	96
24) pentane	6.020	43	19939	0.658	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745954.D
Acq On : 21 Dec 2024 4:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:34 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.050	31	12867	0.615	ppbV		97
26) 1,1-dichloroethene	6.312	61	12000	0.639	ppbV		99
27) tertiary butyl alcohol	6.360	59	12114	0.600	ppbV		96
28) methylene chloride	6.450	49	12078	0.676	ppbV		100
29) 3-chloropropene	6.576	41	13038	0.641	ppbV		98
30) carbon disulfide	6.744	76	26204	0.616	ppbV	#	77
31) Freon 113	6.750	101	17581	0.643	ppbV		99
32) trans-1,2-dichloroethene	7.483	61	12457	0.665	ppbV		95
33) 1,1-dichloroethane	7.700	63	15310	0.628	ppbV		98
34) MTBE	7.775	73	20251	0.632	ppbV		97
35) vinyl acetate	7.883	43	19677	0.606	ppbV		96
36) 2-butanone	8.142	43	21931	0.636	ppbV		98
37) cis-1,2-dichloroethene	8.633	61	11449	0.630	ppbV		99
38) Ethyl Acetate	8.908	61	2755	0.583	ppbV		87
39) chloroform	8.967	83	15421	0.623	ppbV		98
40) Tetrahydrofuran	9.417	42	12429	0.612	ppbV		97
41) 2,2-dichloropropane	8.992	77	10286	0.588	ppbV		93
42) 1,2-dichloroethane	9.800	62	9677	0.652	ppbV		98
44) hexane	8.892	57	14073	0.650	ppbV	#	56
45) diisopropyl ether	8.892	87	7667	0.658	ppbV		97
46) tert-butyl ethyl ether	9.500	59	23102	0.613	ppbV		98
48) 1,1,1-trichloroethane	10.083	97	12948	0.613	ppbV		92
49) 1,1-dichloropropene	10.450	75	13363	0.633	ppbV		96
50) benzene	10.603	78	30492	0.629	ppbV		98
51) thiophene	10.750	84	20382	0.457	ppbV		97
52) carbon tetrachloride	10.777	117	10573	0.556	ppbV		94
53) cyclohexane	10.923	56	14704	0.642	ppbV		97
54) tert-amyl methyl ether	11.310	73	23254	0.614	ppbV		99
55) dibromomethane	11.510	93	9511	0.634	ppbV		96
56) 1,2-dichloropropane	11.550	63	10531	0.615	ppbV		96
57) bromodichloromethane	11.777	83	13788	0.574	ppbV		99
58) 1,4-dioxane	11.823	88	5765	0.583	ppbV		88
59) trichloroethene	11.823	130	14483	0.656	ppbV		99
60) 2,2,4-trimethylpentane	11.883	57	46320	0.664	ppbV		98
61) methyl methacrylate	12.077	41	11513	0.592	ppbV		99
62) heptane	12.197	43	22118	0.647	ppbV		98
63) cis-1,3-dichloropropene	12.842	75	12654	0.545	ppbV		99
64) 4-methyl-2-pentanone	12.892	43	24803	0.600	ppbV		100
65) trans-1,3-dichloropropene	13.467	75	8679	0.503	ppbV		96
66) 1,1,2-trichloroethane	13.667	97	12326	0.628	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745954.D
Acq On : 21 Dec 2024 4:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:34 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	13.992	91	35217	0.630	ppbV		100
70) 2-methylthiophene	14.067	97	31448	0.456	ppbV		97
71) 1,3-dichloropropane	14.025	76	16392	0.633	ppbV		98
72) 2-hexanone	14.308	43	23267	0.597	ppbV	#	95
73) 3-methylthiophene	14.267	97	33146	0.454	ppbV		100
74) dibromochloromethane	14.450	129	13273	0.532	ppbV		98
75) 1,2-dibromoethane	14.708	107	16607	0.599	ppbV		95
76) butyl acetate	14.975	73	3410	0.524	ppbV		93
77) octane	15.067	85	12061	0.623	ppbV		94
78) tetrachloroethene	15.183	166	14301	0.637	ppbV		99
79) 1,1,1,2-tetrachloroethane	15.817	131	11213	0.566	ppbV		98
80) chlorobenzene	15.833	112	29423	0.635	ppbV		99
81) ethylbenzene	16.192	91	45042	0.621	ppbV		99
82) 2-ethylthiophene	16.233	97	35326	0.436	ppbV		97
83) m+p-xylene	16.358	91	71533	1.241	ppbV		98
84) bromoform	16.417	173	9208	0.470	ppbV		99
85) styrene	16.683	104	26516	0.559	ppbV		97
86) 1,1,2,2-tetrachloroethane	16.783	83	24136	0.577	ppbV		96
87) o-xylene	16.783	91	36243	0.629	ppbV		94
88) 1,2,3-trichloropropane	16.892	75	18799	0.600	ppbV		98
89) nonane	16.992	43	32661	0.606	ppbV		95
91) isopropylbenzene	17.300	105	45615	0.617	ppbV		99
92) bromobenzene	17.375	77	25400	0.632	ppbV		99
93) 2-chlorotoluene	17.708	126	14018	0.609	ppbV		99
94) n-propylbenzene	17.742	120	15141	0.623	ppbV		91
95) 4-chlorotoluene	17.775	126	14004	0.620	ppbV		95
96) 4-ethyl toluene	17.867	105	46562	0.603	ppbV		95
97) 1,3,5-trimethylbenzene	17.933	105	39797	0.600	ppbV		99
98) tert-butylbenzene	18.275	119	44220	0.653	ppbV		100
99) 1,2,4-trimethylbenzene	18.275	105	39110	0.576	ppbV		89
100) decane	18.367	57	32484	0.637	ppbV		92
101) Benzyl Chloride	18.400	91	11598	0.356	ppbV		97
102) 1,3-dichlorobenzene	18.408	146	26245	0.595	ppbV		97
103) 1,4-dichlorobenzene	18.467	146	25080	0.569	ppbV		99
104) sec-butylbenzene	18.508	105	58340	0.607	ppbV		98
105) 1,2,3-trimethylbenzene	18.633	105	39317	0.638	ppbV		99
106) p-isopropyltoluene	18.633	119	54375	0.654	ppbV		100
107) 1,2-dichlorobenzene	18.750	146	25268	0.601	ppbV		96
108) n-butylbenzene	18.983	91	44087	0.628	ppbV		94
109) indan	18.800	117	40174	0.628	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745954.D
Acq On : 21 Dec 2024 4:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:34 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

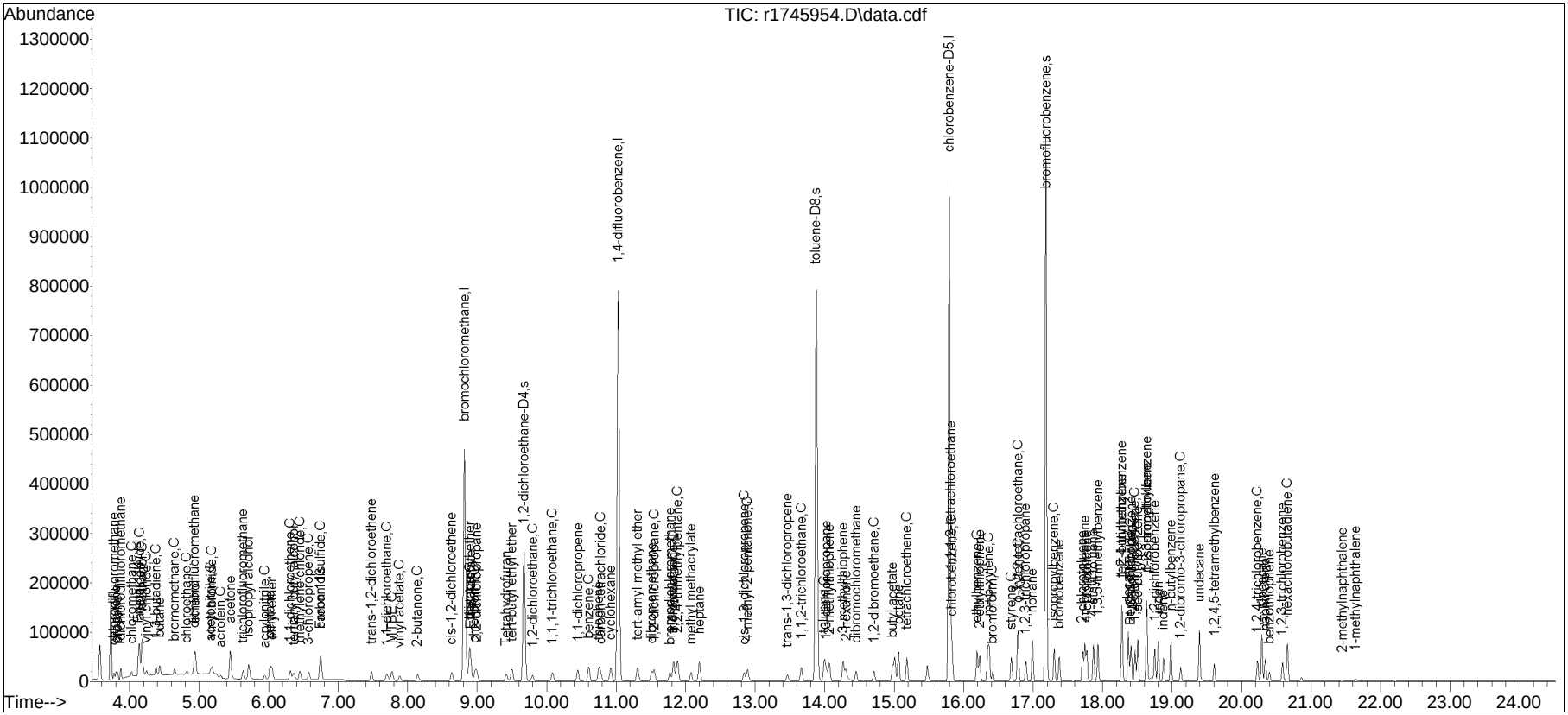
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.875	115	24143	0.565	ppbV		97
111) 1,2-dibromo-3-chloropr...	19.125	75	6766	0.431	ppbV	#	87
112) undecane	19.392	57	34131	0.613	ppbV		94
113) 1,2,4,5-tetramethylben...	19.608	119	19468	0.622	ppbV		94
114) dodecane	20.292	57	31222	0.542	ppbV		97
115) 1,2,4-trichlorobenzene	20.225	180	13954	0.463	ppbV		93
116) naphthalene	20.342	128	40659	0.471	ppbV		99
117) 1,2,3-trichlorobenzene	20.583	180	13516	0.493	ppbV		96
118) benzothiophene	20.400	134	16259	0.382	ppbV		99
119) hexachlorobutadiene	20.658	225	16273	0.627	ppbV		95
120) 2-methylnaphthalene	21.450	142	1616	0.244	ppbV	#	96
121) 1-methylnaphthalene	21.642	142	3486	0.295	ppbV		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745954.D
Acq On : 21 Dec 2024 4:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

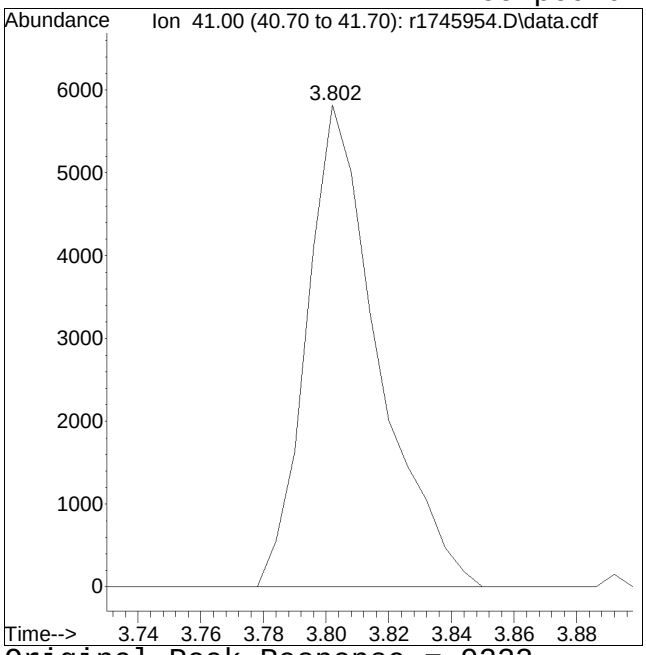
Quant Time: Dec 21 08:35:34 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



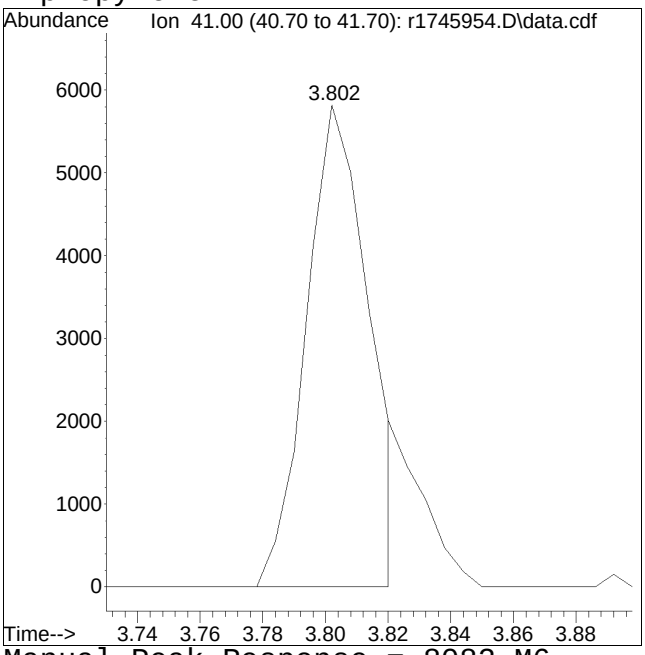
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745954.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 4:18 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 12/21/2024 8:35 am

Compound #3: propylene



Original Peak Response = 9222



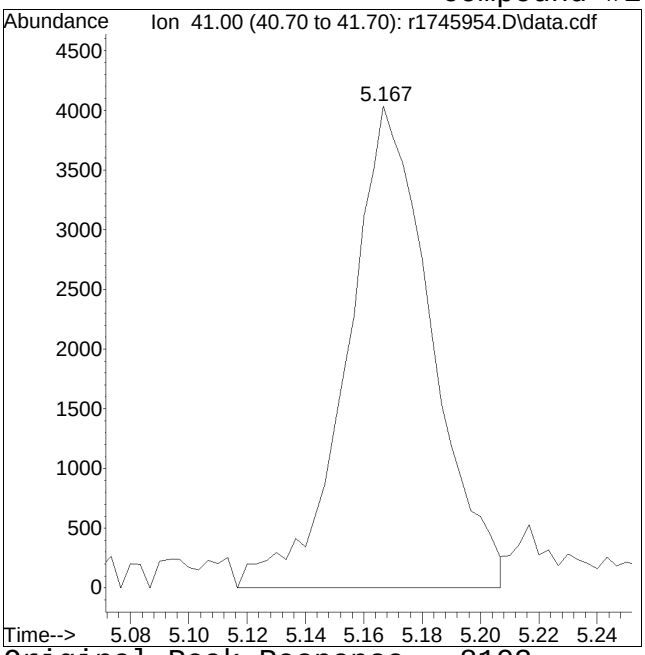
Manual Peak Response = 8082 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

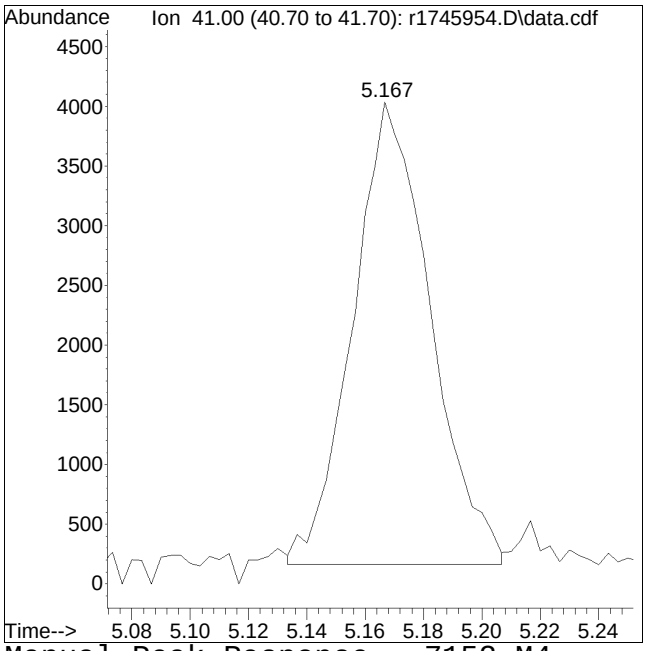
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745954.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 4:18 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 12/21/2024 8:35 am

Compound #20: acetonitrile



Original Peak Response = 8103



Manual Peak Response = 7152 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745955.D
Acq On : 21 Dec 2024 4:58 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:44 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	294131	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 98.17%			
43) 1,4-difluorobenzene	11.030	114	803055	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 98.89%			
67) chlorobenzene-D5	15.792	54	109737	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 98.42%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	186906	10.293	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.93%			
69) toluene-D8	13.875	98	667316	10.142	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.42%			
90) bromofluorobenzene	17.183	95	467948	10.104	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.04%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.772	51	27565	1.294	ppbV	97
3) propylene	3.802	41	16188M6	1.373	ppbV	
4) propane	3.826	29	17646	1.232	ppbV	99
5) dichlorodifluoromethane	3.874	85	34324	1.285	ppbV	99
6) chloromethane	4.024	50	18964	1.316	ppbV	96
7) Freon-114	4.126	85	41948	1.320	ppbV	98
8) methanol	4.180	31	107953	13.116	ppbV	95
9) vinyl chloride	4.240	62	16795	1.299	ppbV	97
10) 1,3-butadiene	4.378	54	15216	1.351	ppbV	99
11) butane	4.432	43	27574	1.322	ppbV	98
12) acetaldehyde	4.144	29	58328	7.526	ppbV	95
13) bromomethane	4.648	94	14445	1.309	ppbV	99
14) chloroethane	4.822	64	7963	1.345	ppbV	97
15) ethanol	4.942	31	74298	7.135	ppbV	99
16) dichlorofluoromethane	4.930	67	30952	1.364	ppbV	99
17) vinyl bromide	5.183	106	14746	1.339	ppbV	98
18) acrolein	5.310	56	8118	1.352	ppbV #	90
19) acetone	5.443	43	139317	7.001	ppbV	99
20) acetonitrile	5.163	41	14716	1.325	ppbV	98
21) trichlorofluoromethane	5.633	101	30498	1.293	ppbV	92
22) isopropyl alcohol	5.707	45	77255	2.702	ppbV	100
23) acrylonitrile	5.940	53	13689	1.253	ppbV	98
24) pentane	6.020	43	40434	1.343	ppbV	99

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745955.D
Acq On : 21 Dec 2024 4:58 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:44 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.047	31	26570	1.277	ppbV		98
26) 1,1-dichloroethene	6.312	61	24047	1.289	ppbV		98
27) tertiary butyl alcohol	6.354	59	24674	1.230	ppbV		98
28) methylene chloride	6.444	49	23498	1.324	ppbV		99
29) 3-chloropropene	6.576	41	26407	1.306	ppbV		97
30) carbon disulfide	6.744	76	54051	1.279	ppbV	#	93
31) Freon 113	6.744	101	35605	1.310	ppbV		97
32) trans-1,2-dichloroethene	7.475	61	24381	1.309	ppbV		97
33) 1,1-dichloroethane	7.700	63	31891	1.317	ppbV		100
34) MTBE	7.767	73	41405	1.301	ppbV		97
35) vinyl acetate	7.883	43	39311M4	1.218	ppbV		
36) 2-butanone	8.133	43	45930	1.340	ppbV		99
37) cis-1,2-dichloroethene	8.633	61	23373	1.293	ppbV		100
38) Ethyl Acetate	8.908	61	5895	1.255	ppbV		60
39) chloroform	8.967	83	32025	1.302	ppbV		99
40) Tetrahydrofuran	9.408	42	25620	1.269	ppbV		98
41) 2,2-dichloropropane	8.992	77	21576	1.241	ppbV		96
42) 1,2-dichloroethane	9.800	62	19276	1.307	ppbV		99
44) hexane	8.892	57	28770	1.329	ppbV		77
45) diisopropyl ether	8.883	87	15076	1.293	ppbV		91
46) tert-butyl ethyl ether	9.492	59	48028	1.275	ppbV		98
48) 1,1,1-trichloroethane	10.083	97	26280	1.245	ppbV		98
49) 1,1-dichloropropene	10.450	75	27079	1.282	ppbV		97
50) benzene	10.603	78	62424	1.287	ppbV		98
51) thiophene	10.750	84	41774	0.937	ppbV		98
52) carbon tetrachloride	10.777	117	22415	1.178	ppbV		97
53) cyclohexane	10.923	56	30481	1.330	ppbV		99
54) tert-amyl methyl ether	11.303	73	47815	1.263	ppbV		99
55) dibromomethane	11.510	93	19686	1.313	ppbV		98
56) 1,2-dichloropropane	11.543	63	21918	1.280	ppbV		98
57) bromodichloromethane	11.770	83	29185	1.216	ppbV		95
58) 1,4-dioxane	11.817	88	11725	1.186	ppbV		99
59) trichloroethene	11.823	130	29733	1.347	ppbV		98
60) 2,2,4-trimethylpentane	11.883	57	94283	1.352	ppbV		99
61) methyl methacrylate	12.077	41	23670	1.217	ppbV		99
62) heptane	12.197	43	44982	1.315	ppbV		99
63) cis-1,3-dichloropropene	12.842	75	26395	1.136	ppbV		98
64) 4-methyl-2-pentanone	12.883	43	52023	1.258	ppbV		98
65) trans-1,3-dichloropropene	13.467	75	18969	1.099	ppbV		94
66) 1,1,2-trichloroethane	13.658	97	25591	1.304	ppbV		98

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745955.D
Acq On : 21 Dec 2024 4:58 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:44 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.992	91	71106	1.274	ppbV	99
70) 2-methylthiophene	14.067	97	64400	0.935	ppbV	100
71) 1,3-dichloropropane	14.025	76	33485	1.296	ppbV	99
72) 2-hexanone	14.300	43	48179	1.237	ppbV	92
73) 3-methylthiophene	14.267	97	68196	0.935	ppbV	99
74) dibromochloromethane	14.450	129	28729	1.154	ppbV	98
75) 1,2-dibromoethane	14.708	107	35248	1.273	ppbV	99
76) butyl acetate	14.967	73	7234	1.114	ppbV	97
77) octane	15.058	85	25022	1.293	ppbV	99
78) tetrachloroethene	15.183	166	30062	1.340	ppbV	97
79) 1,1,1,2-tetrachloroethane	15.817	131	23541	1.190	ppbV	98
80) chlorobenzene	15.833	112	59861	1.294	ppbV	100
81) ethylbenzene	16.192	91	93146	1.285	ppbV	100
82) 2-ethylthiophene	16.225	97	74762	0.923	ppbV	97
83) m+p-xylene	16.358	91	148757	2.583	ppbV	95
84) bromoform	16.417	173	20577	1.051	ppbV	99
85) styrene	16.683	104	56526	1.193	ppbV	97
86) 1,1,2,2-tetrachloroethane	16.775	83	51078	1.223	ppbV	97
87) o-xylene	16.783	91	75644	1.315	ppbV	94
88) 1,2,3-trichloropropane	16.892	75	39793	1.272	ppbV	97
89) nonane	16.992	43	67951	1.262	ppbV	97
91) isopropylbenzene	17.300	105	94806	1.284	ppbV	99
92) bromobenzene	17.375	77	51935	1.294	ppbV	99
93) 2-chlorotoluene	17.708	126	29327	1.276	ppbV	98
94) n-propylbenzene	17.742	120	31301	1.290	ppbV	93
95) 4-chlorotoluene	17.775	126	29516	1.309	ppbV	96
96) 4-ethyl toluene	17.867	105	98837	1.281	ppbV	97
97) 1,3,5-trimethylbenzene	17.933	105	83183	1.255	ppbV	99
98) tert-butylbenzene	18.275	119	92259	1.363	ppbV	99
99) 1,2,4-trimethylbenzene	18.275	105	83618	1.232	ppbV	92
100) decane	18.367	57	68034	1.337	ppbV	96
101) Benzyl Chloride	18.400	91	29289	0.900	ppbV	97
102) 1,3-dichlorobenzene	18.408	146	55318	1.256	ppbV	100
103) 1,4-dichlorobenzene	18.467	146	55224	1.254	ppbV	99
104) sec-butylbenzene	18.500	105	121527	1.266	ppbV	98
105) 1,2,3-trimethylbenzene	18.633	105	84489	1.372	ppbV	97
106) p-isopropyltoluene	18.633	119	114006	1.374	ppbV	100
107) 1,2-dichlorobenzene	18.750	146	53663	1.278	ppbV	98
108) n-butylbenzene	18.975	91	93296	1.330	ppbV	99
109) indan	18.800	117	83365	1.306	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745955.D
Acq On : 21 Dec 2024 4:58 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:44 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

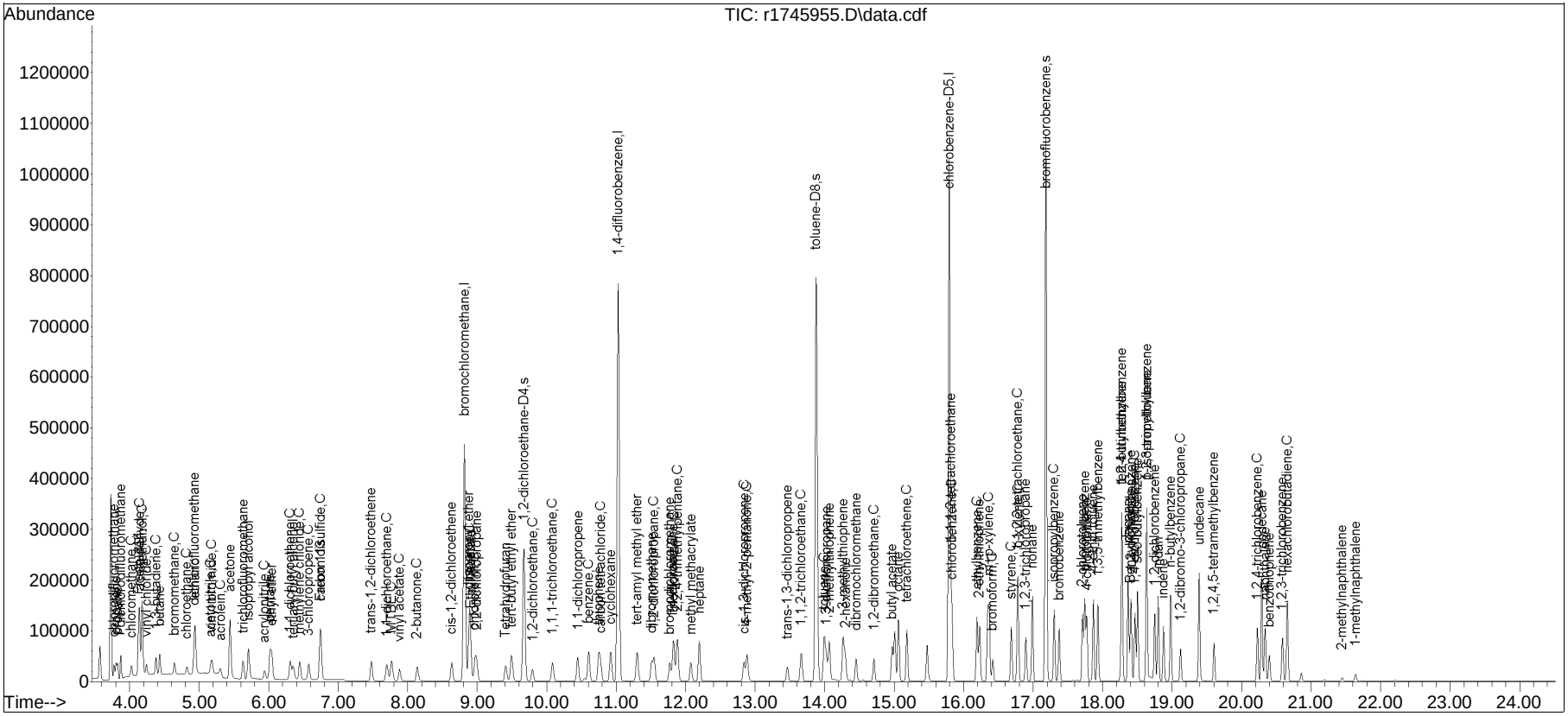
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.875	115	52559	1.232	ppbV	97
111) 1,2-dibromo-3-chloropr...	19.125	75	16134	1.029	ppbV #	87
112) undecane	19.392	57	73797	1.326	ppbV	94
113) 1,2,4,5-tetramethylben...	19.600	119	41481	1.326	ppbV	95
114) dodecane	20.292	57	70122	1.218	ppbV	96
115) 1,2,4-trichlorobenzene	20.225	180	32928	1.094	ppbV	100
116) naphthalene	20.342	128	98225	1.140	ppbV	100
117) 1,2,3-trichlorobenzene	20.583	180	30400	1.110	ppbV	100
118) benzothiophene	20.400	134	43949	1.034	ppbV	99
119) hexachlorobutadiene	20.658	225	34103	1.315	ppbV	94
120) 2-methylnaphthalene	21.442	142	5028	0.759	ppbV	94
121) 1-methylnaphthalene	21.642	142	10191	0.863	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745955.D
Acq On : 21 Dec 2024 4:58 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

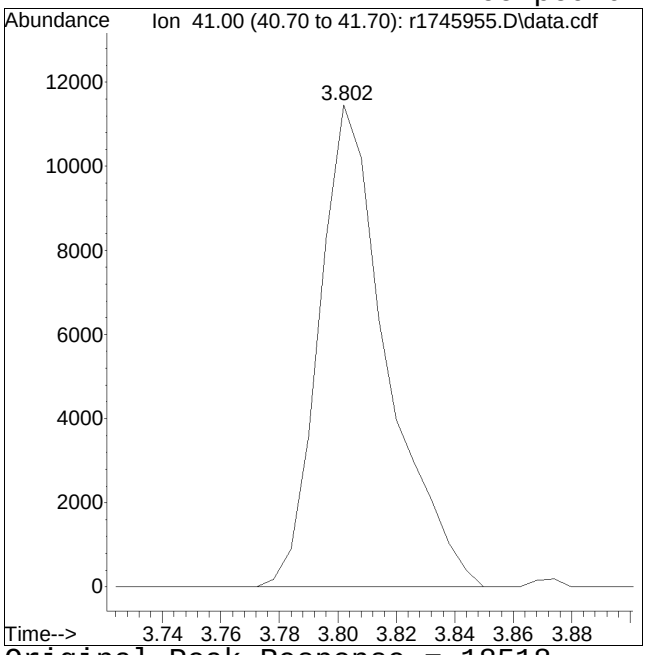
Quant Time: Dec 21 08:35:44 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



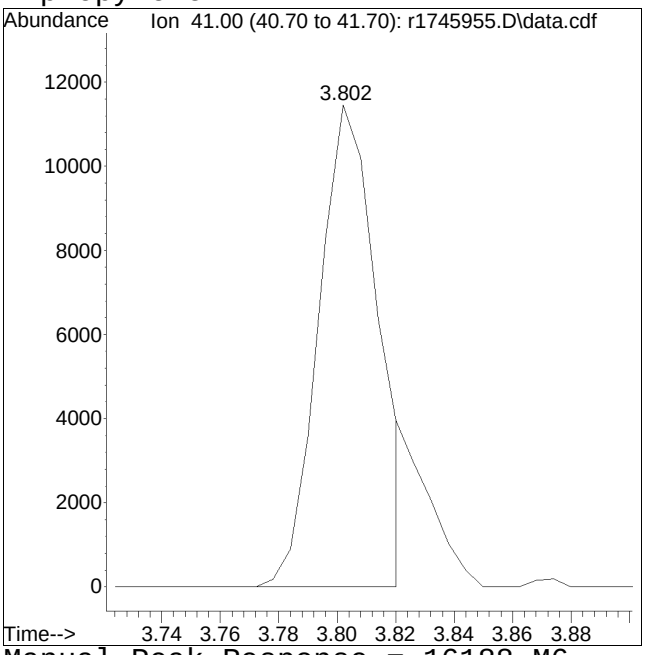
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745955.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 4:58 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 12/21/2024 8:35 am

Compound #3: propylene



Original Peak Response = 18518



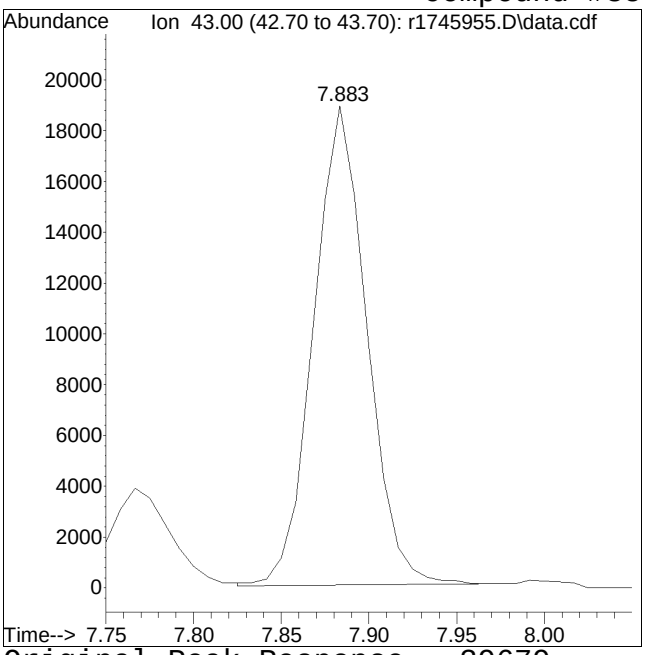
Manual Peak Response = 16188 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

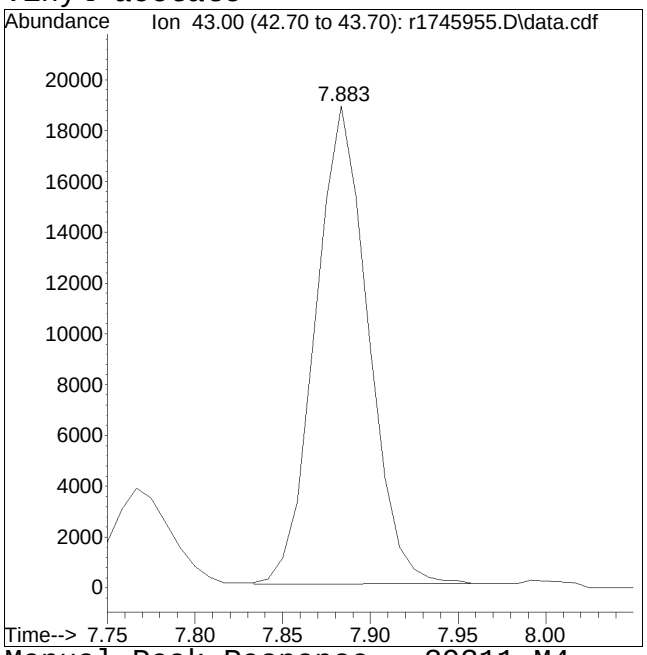
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745955.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 4:58 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 12/21/2024 8:35 am

Compound #35: vinyl acetate



Original Peak Response = 39679



Manual Peak Response = 39311 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745956.D
Acq On : 21 Dec 2024 5:37 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:54 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	296135	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 98.84%			
43) 1,4-difluorobenzene	11.030	114	804214	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 99.03%			
67) chlorobenzene-D5	15.792	54	110053	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 98.71%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	187973	10.337	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.37%			
69) toluene-D8	13.875	98	675132	10.231	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.31%			
90) bromofluorobenzene	17.175	95	476244	10.254	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.54%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.778	51	100834	4.702	ppbV	99
3) propylene	3.802	41	60749M6	5.118	ppbV	
4) propane	3.826	29	70630	4.898	ppbV	99
5) dichlorodifluoromethane	3.874	85	134225	4.991	ppbV	98
6) chloromethane	4.030	50	71979	4.961	ppbV	100
7) Freon-114	4.132	85	161194	5.037	ppbV	99
8) methanol	4.180	31	206405	24.908	ppbV	97
9) vinyl chloride	4.246	62	65155	5.004	ppbV	99
10) 1,3-butadiene	4.384	54	56343	4.967	ppbV	99
11) butane	4.432	43	105972	5.048	ppbV	99
12) acetaldehyde	4.144	29	192653	24.690	ppbV	98
13) bromomethane	4.648	94	55719	5.014	ppbV	97
14) chloroethane	4.828	64	30306	5.084	ppbV	98
15) ethanol	4.948	31	280873	26.789	ppbV	99
16) dichlorofluoromethane	4.930	67	116310	5.092	ppbV	99
17) vinyl bromide	5.187	106	55088	4.968	ppbV	99
18) acrolein	5.307	56	28154	4.656	ppbV	91
19) acetone	5.443	43	507913	25.351	ppbV	98
20) acetonitrile	5.170	41	56264	5.030	ppbV	99
21) trichlorofluoromethane	5.633	101	118476	4.989	ppbV	99
22) isopropyl alcohol	5.707	45	354054	12.301	ppbV	100
23) acrylonitrile	5.943	53	53693	4.883	ppbV	98
24) pentane	6.023	43	150826	4.976	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745956.D
Acq On : 21 Dec 2024 5:37 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:54 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.043	31	103474	4.940	ppbV	97
26) 1,1-dichloroethene	6.318	61	94751	5.046	ppbV	99
27) tertiary butyl alcohol	6.348	59	100913	4.995	ppbV	98
28) methylene chloride	6.450	49	89304	4.996	ppbV	99
29) 3-chloropropene	6.582	41	101832	5.002	ppbV	99
30) carbon disulfide	6.744	76	207279	4.871	ppbV	98
31) Freon 113	6.750	101	136846	5.002	ppbV	98
32) trans-1,2-dichloroethene	7.483	61	93152	4.969	ppbV	99
33) 1,1-dichloroethane	7.700	63	121366	4.976	ppbV	99
34) MTBE	7.767	73	157280	4.910	ppbV	99
35) vinyl acetate	7.883	43	153127	4.711	ppbV	100
36) 2-butanone	8.133	43	171016	4.956	ppbV	100
37) cis-1,2-dichloroethene	8.633	61	90920	4.997	ppbV	98
38) Ethyl Acetate	8.900	61	22769	4.816	ppbV	79
39) chloroform	8.975	83	122938	4.964	ppbV	99
40) Tetrahydrofuran	9.400	42	99163	4.878	ppbV	100
41) 2,2-dichloropropane	8.992	77	84639	4.835	ppbV	96
42) 1,2-dichloroethane	9.800	62	74311	5.003	ppbV	99
44) hexane	8.892	57	107530	4.959	ppbV	91
45) diisopropyl ether	8.883	87	57728	4.944	ppbV	92
46) tert-butyl ethyl ether	9.492	59	185707	4.922	ppbV	99
48) 1,1,1-trichloroethane	10.083	97	104526	4.945	ppbV	99
49) 1,1-dichloropropene	10.450	75	104182	4.925	ppbV	98
50) benzene	10.603	78	240548	4.953	ppbV	99
51) thiophene	10.750	84	218786	4.898	ppbV	98
52) carbon tetrachloride	10.777	117	91787	4.816	ppbV	99
53) cyclohexane	10.923	56	113844	4.961	ppbV	100
54) tert-amyl methyl ether	11.297	73	185574	4.895	ppbV	100
55) dibromomethane	11.510	93	73713	4.909	ppbV	98
56) 1,2-dichloropropane	11.550	63	85204	4.970	ppbV	99
57) bromodichloromethane	11.777	83	113894	4.738	ppbV	99
58) 1,4-dioxane	11.810	88	46852	4.734	ppbV	99
59) trichloroethene	11.823	130	110051	4.980	ppbV	99
60) 2,2,4-trimethylpentane	11.877	57	347579	4.975	ppbV	99
61) methyl methacrylate	12.070	41	94306	4.843	ppbV	99
62) heptane	12.197	43	170100	4.964	ppbV	100
63) cis-1,3-dichloropropene	12.842	75	110580	4.752	ppbV	99
64) 4-methyl-2-pentanone	12.875	43	203194	4.905	ppbV	99
65) trans-1,3-dichloropropene	13.458	75	81028	4.688	ppbV	99
66) 1,1,2-trichloroethane	13.658	97	97399	4.956	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745956.D
Acq On : 21 Dec 2024 5:37 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:54 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.992	91	279478	4.994	ppbV	97
70) 2-methylthiophene	14.067	97	344286	4.986	ppbV	100
71) 1,3-dichloropropane	14.025	76	127378	4.915	ppbV	97
72) 2-hexanone	14.292	43	192581	4.930	ppbV	95
73) 3-methylthiophene	14.267	97	365290	4.996	ppbV	100
74) dibromochloromethane	14.450	129	118499	4.745	ppbV	98
75) 1,2-dibromoethane	14.708	107	135746	4.889	ppbV	100
76) butyl acetate	14.958	73	30358	4.661	ppbV	100
77) octane	15.058	85	96573	4.978	ppbV	98
78) tetrachloroethene	15.183	166	110875	4.929	ppbV	98
79) 1,1,1,2-tetrachloroethane	15.808	131	97086	4.895	ppbV	98
80) chlorobenzene	15.825	112	229481	4.948	ppbV	100
81) ethylbenzene	16.183	91	360167	4.956	ppbV	99
82) 2-ethylthiophene	16.217	97	399758	4.921	ppbV	99
83) m+p-xylene	16.350	91	571877	9.903	ppbV	99
84) bromoform	16.408	173	88182	4.490	ppbV	99
85) styrene	16.675	104	230335	4.846	ppbV	99
86) 1,1,2,2-tetrachloroethane	16.767	83	203309	4.853	ppbV	98
87) o-xylene	16.775	91	291312	5.050	ppbV	96
88) 1,2,3-trichloropropane	16.883	75	150513	4.796	ppbV	100
89) nonane	16.983	43	265826	4.922	ppbV	99
91) isopropylbenzene	17.292	105	361636	4.883	ppbV	100
92) bromobenzene	17.367	77	196689	4.888	ppbV	98
93) 2-chlorotoluene	17.700	126	113521	4.926	ppbV	97
94) n-propylbenzene	17.733	120	119954	4.928	ppbV	94
95) 4-chlorotoluene	17.758	126	110842	4.900	ppbV	98
96) 4-ethyl toluene	17.858	105	373983	4.834	ppbV	99
97) 1,3,5-trimethylbenzene	17.925	105	322026	4.846	ppbV	99
98) tert-butylbenzene	18.267	119	342312	5.043	ppbV	99
99) 1,2,4-trimethylbenzene	18.275	105	329888	4.848	ppbV	98
100) decane	18.358	57	256056	5.017	ppbV	98
101) Benzyl Chloride	18.392	91	134630	4.127	ppbV	98
102) 1,3-dichlorobenzene	18.400	146	213542	4.835	ppbV	98
103) 1,4-dichlorobenzene	18.458	146	208955	4.733	ppbV	98
104) sec-butylbenzene	18.500	105	469442	4.875	ppbV	100
105) 1,2,3-trimethylbenzene	18.633	105	299328	4.847	ppbV	98
106) p-isopropyltoluene	18.633	119	406349	4.882	ppbV	99
107) 1,2-dichlorobenzene	18.750	146	201510	4.785	ppbV	99
108) n-butylbenzene	18.983	91	358292	5.094	ppbV	96
109) indan	18.800	117	323488	5.051	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745956.D
Acq On : 21 Dec 2024 5:37 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:35:54 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

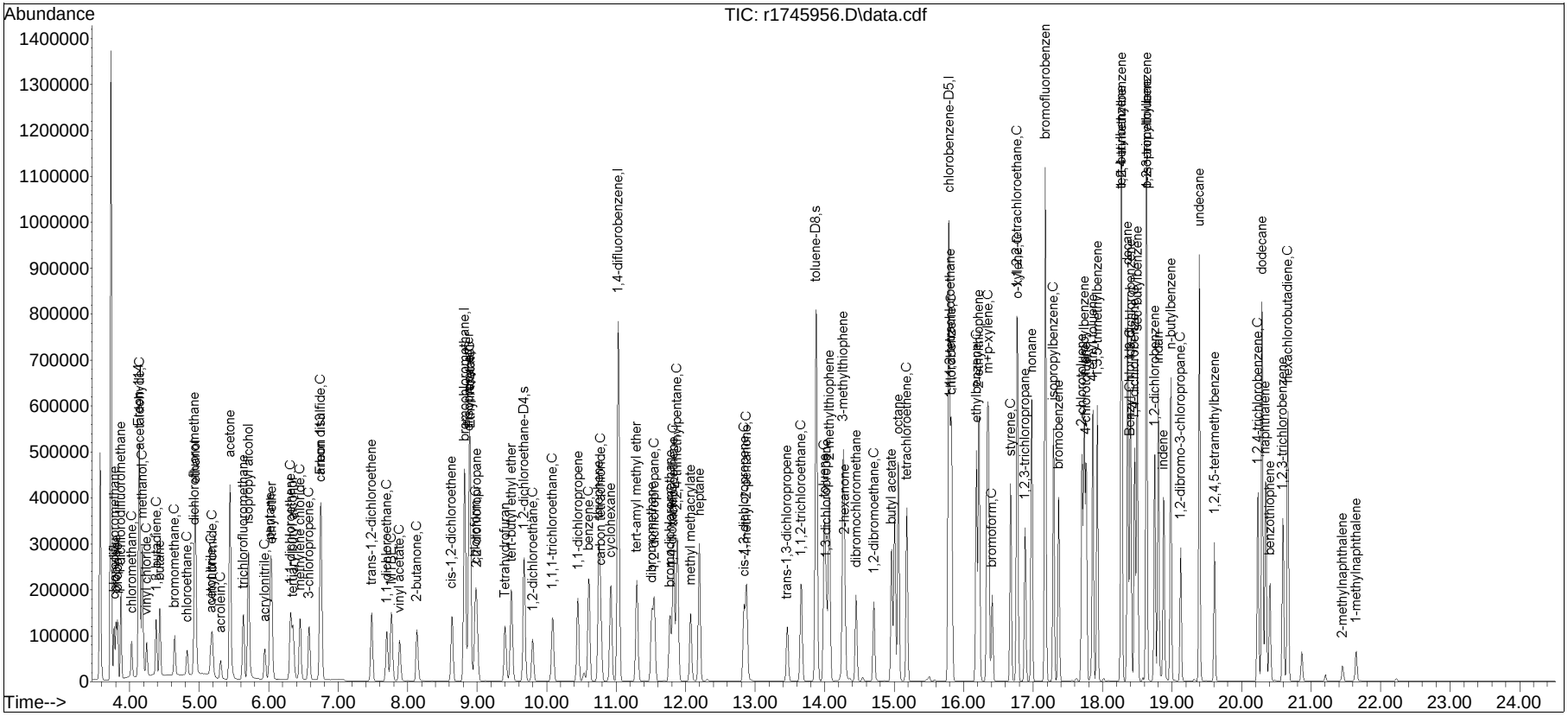
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.875	115	212789	4.972	ppbV	96
111) 1,2-dibromo-3-chloropr...	19.125	75	70087	4.459	ppbV	94
112) undecane	19.392	57	279359	5.007	ppbV	97
113) 1,2,4,5-tetramethylben...	19.608	119	153867	4.905	ppbV	99
114) dodecane	20.292	57	278815	4.830	ppbV	98
115) 1,2,4-trichlorobenzene	20.233	180	133285	4.417	ppbV	98
116) naphthalene	20.342	128	402474	4.659	ppbV	99
117) 1,2,3-trichlorobenzene	20.592	180	123034	4.478	ppbV	99
118) benzothiophene	20.408	134	183952	4.317	ppbV	100
119) hexachlorobutadiene	20.667	225	127839	4.915	ppbV	94
120) 2-methylnaphthalene	21.450	142	21497	3.235	ppbV	99
121) 1-methylnaphthalene	21.650	142	42013	3.548	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745956.D
Acq On : 21 Dec 2024 5:37 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

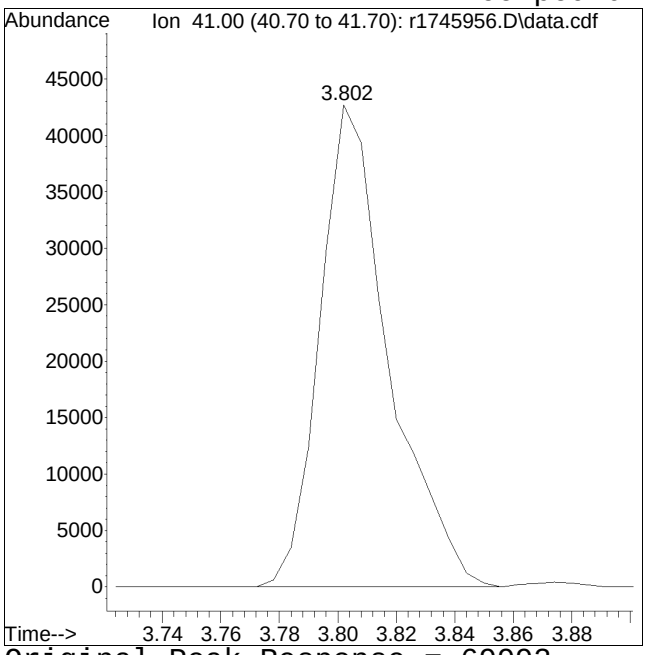
Quant Time: Dec 21 08:35:54 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



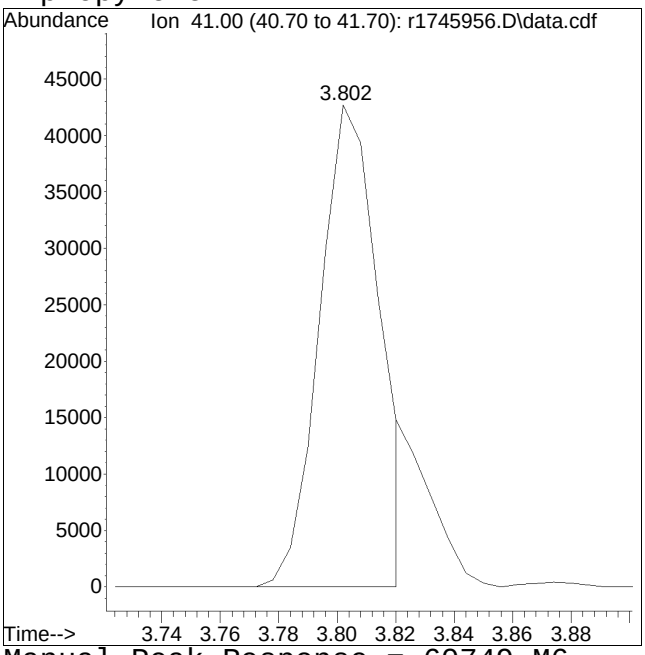
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745956.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 5:37 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 12/21/2024 8:35 am

Compound #3: propylene



Original Peak Response = 69992



Manual Peak Response = 60749 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745957.D
Acq On : 21 Dec 2024 6:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD010
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 07:56:02 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Dec 17 10:34:28 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	299618	10.000	ppbV	0.07
Standard Area = 299618			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.030	114	812080	10.000	ppbV	0.07
Standard Area = 812080			Recovery = 100.00%			
67) chlorobenzene-D5	15.792	54	111496	10.000	ppbV	0.06
Standard Area = 111496			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	183625	8.813	ppbV	0.08
Spiked Amount 10.000	Range 70 - 130		Recovery = 88.13%			
69) toluene-D8	13.875	98	668515	9.961	ppbV	0.07
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.61%			
90) bromofluorobenzene	17.183	95	470554	10.234	ppbV	0.05
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.34%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.772	51	216970	8.732	ppbV #	90
3) propylene	3.796	41	120096M6	6.859	ppbV	
4) propane	3.820	29	145891	7.510	ppbV	95
5) dichlorodifluoromethane	3.868	85	272104	7.649	ppbV	99
6) chloromethane	4.024	50	146803	8.884	ppbV	99
7) Freon-114	4.126	85	323791	7.811	ppbV	97
8) methanol	4.180	31	419213	45.463	ppbV	91
9) vinyl chloride	4.240	62	131739	6.370	ppbV	98
10) 1,3-butadiene	4.378	54	114758	8.531	ppbV #	57
11) butane	4.432	43	212395	6.130	ppbV	93
12) acetaldehyde	4.138	29	394740	40.792	ppbV #	83
13) bromomethane	4.642	94	112433	7.166	ppbV	95
14) chloroethane	4.822	64	60314	5.643	ppbV	98
15) ethanol	4.942	31	530390	31.625	ppbV	94
16) dichlorofluoromethane	4.930	67	231106	5.564	ppbV #	99
17) vinyl bromide	5.187	106	112194	6.049	ppbV	98
18) acrolein	5.307	56	61179	6.836	ppbV	93
19) acetone	5.440	43	1013558	35.910	ppbV #	90
20) acetonitrile	5.167	41	113173	4.940	ppbV	97
21) trichlorofluoromethane	5.630	101	240258	6.323	ppbV	98
22) isopropyl alcohol	5.707	45	728001	20.269	ppbV #	96
23) acrylonitrile	5.943	53	111251	7.241	ppbV	97
24) pentane	6.020	43	306644	7.416	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745957.D
Acq On : 21 Dec 2024 6:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD010
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 07:56:02 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Dec 17 10:34:28 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.040	31	211914	5.904	ppbV	#	90
26) 1,1-dichloroethene	6.312	61	189980	5.848	ppbV	#	88
27) tertiary butyl alcohol	6.348	59	204394	4.846	ppbV	#	74
28) methylene chloride	6.450	49	180855	8.645	ppbV		87
29) 3-chloropropene	6.582	41	205972	6.826	ppbV		92
30) carbon disulfide	6.744	76	430529	7.547	ppbV		100
31) Freon 113	6.750	101	276790	6.789	ppbV		98
32) trans-1,2-dichloroethene	7.483	61	189661	5.856	ppbV		87
33) 1,1-dichloroethane	7.700	63	246753	5.848	ppbV		95
34) MTBE	7.758	73	324114	6.430	ppbV		96
35) vinyl acetate	7.883	43	328862	8.345	ppbV		97
36) 2-butanone	8.133	43	349122	7.886	ppbV	#	95
37) cis-1,2-dichloroethene	8.633	61	184093	5.867	ppbV	#	84
38) Ethyl Acetate	8.900	61	47833	5.924	ppbV	#	11
39) chloroform	8.975	83	250557	7.364	ppbV		97
40) Tetrahydrofuran	9.392	42	205670	7.416	ppbV		98
41) 2,2-dichloropropane	8.992	77	177105	6.424	ppbV		92
42) 1,2-dichloroethane	9.792	62	150266	5.770	ppbV	#	90
44) hexane	8.892	57	218937	7.636	ppbV	#	59
45) diisopropyl ether	8.883	87	117903	8.025	ppbV	#	59
46) tert-butyl ethyl ether	9.492	59	381019	6.531	ppbV		94
48) 1,1,1-trichloroethane	10.083	97	213460	7.695	ppbV		95
49) 1,1-dichloropropene	10.450	75	213606	8.825	ppbV		89
50) benzene	10.603	78	490412	9.067	ppbV		99
51) thiophene	10.750	84	451047	10.921	ppbV	#	87
52) carbon tetrachloride	10.777	117	192451	7.725	ppbV		97
53) cyclohexane	10.923	56	231730	7.779	ppbV		89
54) tert-amyl methyl ether	11.297	73	382824	7.524	ppbV		96
55) dibromomethane	11.510	93	151629	8.349	ppbV		95
56) 1,2-dichloropropane	11.543	63	173106	7.236	ppbV		98
57) bromodichloromethane	11.770	83	242746	8.684	ppbV		100
58) 1,4-dioxane	11.803	88	99935	8.701	ppbV		90
59) trichloroethene	11.823	130	223162	9.028	ppbV		98
60) 2,2,4-trimethylpentane	11.877	57	705451	7.569	ppbV		92
61) methyl methacrylate	12.070	41	196628	8.527	ppbV		94
62) heptane	12.197	43	345984	9.697	ppbV	#	82
63) cis-1,3-dichloropropene	12.842	75	234978	8.428	ppbV		94
64) 4-methyl-2-pentanone	12.875	43	418323	9.701	ppbV	#	83
65) trans-1,3-dichloropropene	13.458	75	174544	8.167	ppbV		93
66) 1,1,2-trichloroethane	13.658	97	198465	8.444	ppbV		92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745957.D
Acq On : 21 Dec 2024 6:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD010
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 07:56:02 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Dec 17 10:34:28 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	13.992	91	566946	8.765	ppbV		99
70) 2-methylthiophene	14.067	97	699492	10.962	ppbV	#	99
71) 1,3-dichloropropane	14.025	76	262575	9.511	ppbV		97
72) 2-hexanone	14.283	43	395774	10.501	ppbV	#	81
73) 3-methylthiophene	14.267	97	740743M3	10.962	ppbV		
74) dibromochloromethane	14.450	129	252983	8.848	ppbV		97
75) 1,2-dibromoethane	14.708	107	281280	8.846	ppbV		97
76) butyl acetate	14.958	73	65990	9.521	ppbV	#	77
77) octane	15.058	85	196549	8.943	ppbV		80
78) tetrachloroethene	15.183	166	227912	9.112	ppbV		98
79) 1,1,1,2-tetrachloroethane	15.817	131	200922	8.611	ppbV		95
80) chlorobenzene	15.833	112	469863	9.086	ppbV		96
81) ethylbenzene	16.192	91	736211	8.699	ppbV		99
82) 2-ethylthiophene	16.225	97	823006	10.994	ppbV	#	95
83) m+p-xylene	16.358	91	1170144	17.462	ppbV		97
84) bromoform	16.417	173	198986	8.666	ppbV		98
85) styrene	16.683	104	481558	8.677	ppbV		97
86) 1,1,2,2-tetrachloroethane	16.775	83	424454	9.504	ppbV		97
87) o-xylene	16.775	91	584452	8.716	ppbV		95
88) 1,2,3-trichloropropane	16.892	75	317921	9.569	ppbV		95
89) nonane	16.983	43	547150	10.597	ppbV	#	73
91) isopropylbenzene	17.300	105	750385	8.579	ppbV		99
92) bromobenzene	17.375	77	407649	9.395	ppbV		94
93) 2-chlorotoluene	17.708	126	233467	9.185	ppbV		94
94) n-propylbenzene	17.742	120	246592	8.813	ppbV		100
95) 4-chlorotoluene	17.767	126	229167M3	9.222	ppbV		
96) 4-ethyl toluene	17.867	105	783865	8.755	ppbV		99
97) 1,3,5-trimethylbenzene	17.925	105	673272	8.770	ppbV		96
98) tert-butylbenzene	18.275	119	687665	8.694	ppbV		99
99) 1,2,4-trimethylbenzene	18.275	105	689433	9.125	ppbV		99
100) decane	18.358	57	517102	7.877	ppbV	#	66
101) Benzyl Chloride	18.392	91	330511	6.918	ppbV		95
102) 1,3-dichlorobenzene	18.408	146	447468	9.450	ppbV		96
103) 1,4-dichlorobenzene	18.467	146	447293M3	9.501	ppbV		
104) sec-butylbenzene	18.500	105	975606	8.836	ppbV		98
105) 1,2,3-trimethylbenzene	18.633	105	625629	8.840	ppbV		97
106) p-isopropyltoluene	18.633	119	843333	8.946	ppbV		100
107) 1,2-dichlorobenzene	18.750	146	426608	9.255	ppbV		96
108) n-butylbenzene	18.975	91	712560	8.572	ppbV		95
109) indan	18.800	117	648778	8.887	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745957.D
Acq On : 21 Dec 2024 6:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD010
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 07:56:02 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Dec 17 10:34:28 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

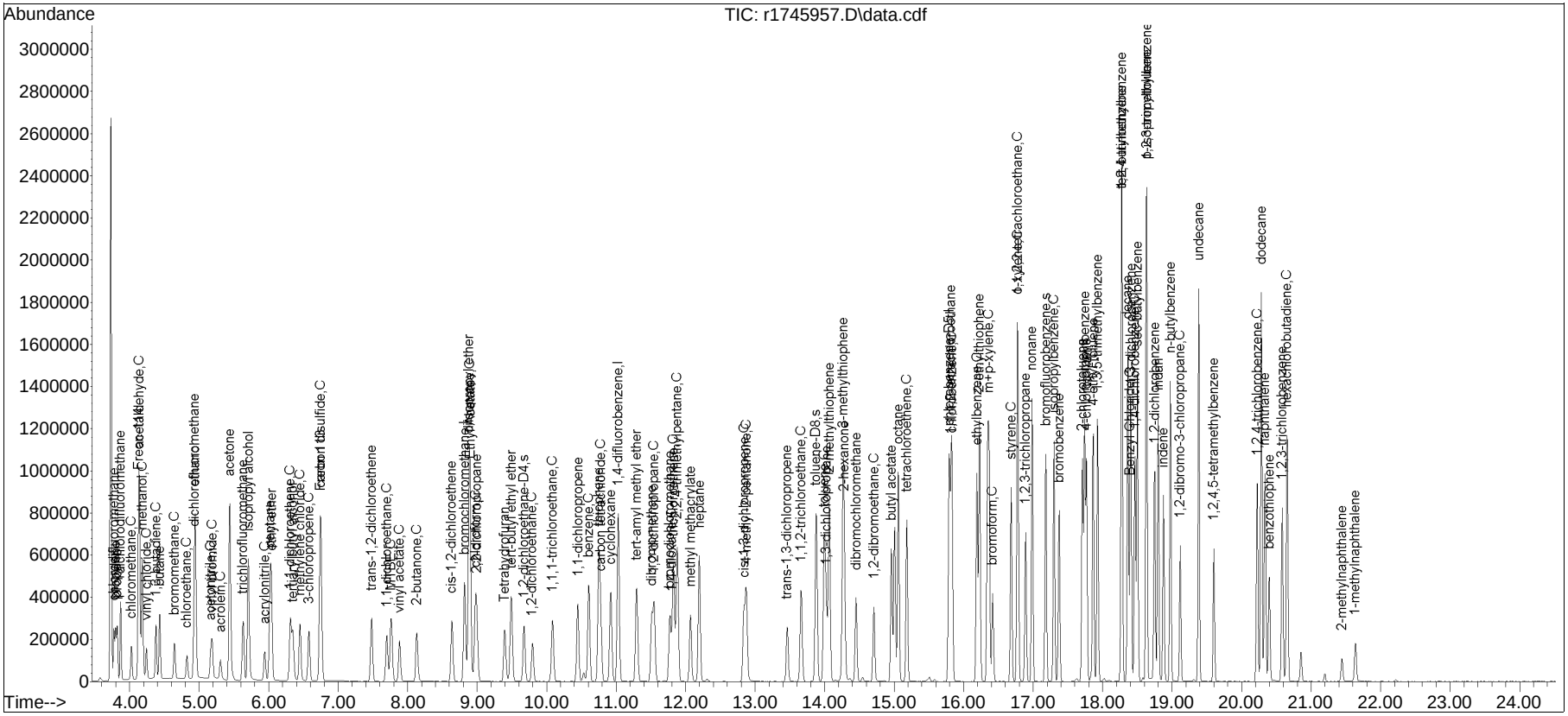
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.875	115	433547	9.370	ppbV		98
111) 1,2-dibromo-3-chloropr...	19.117	75	159238	9.179	ppbV		91
112) undecane	19.383	57	565303	8.449	ppbV	#	77
113) 1,2,4,5-tetramethylben...	19.600	119	317838	8.572	ppbV		96
114) dodecane	20.283	57	584791	9.311	ppbV	#	72
115) 1,2,4-trichlorobenzene	20.225	180	305677	9.848	ppbV		95
116) naphthalene	20.333	128	875219	10.069	ppbV		98
117) 1,2,3-trichlorobenzene	20.583	180	278325	10.072	ppbV		99
118) benzothiophene	20.400	134	431723	11.368	ppbV		98
119) hexachlorobutadiene	20.650	225	263517	9.290	ppbV		97
120) 2-methylnaphthalene	21.442	142	67317	10.073	ppbV		98
121) 1-methylnaphthalene	21.633	142	119961	8.280	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745957.D
Acq On : 21 Dec 2024 6:18 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD010
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

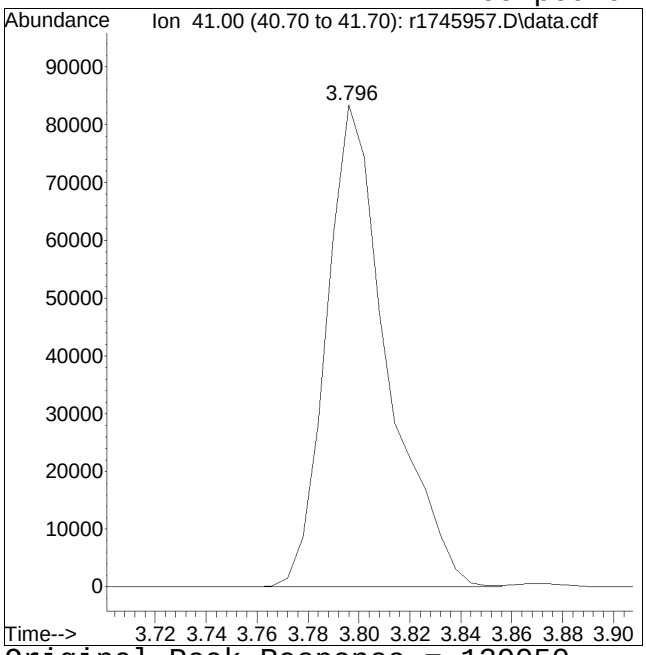
Quant Time: Dec 21 07:56:02 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue Dec 17 10:34:28 2024
Response via : Initial Calibration



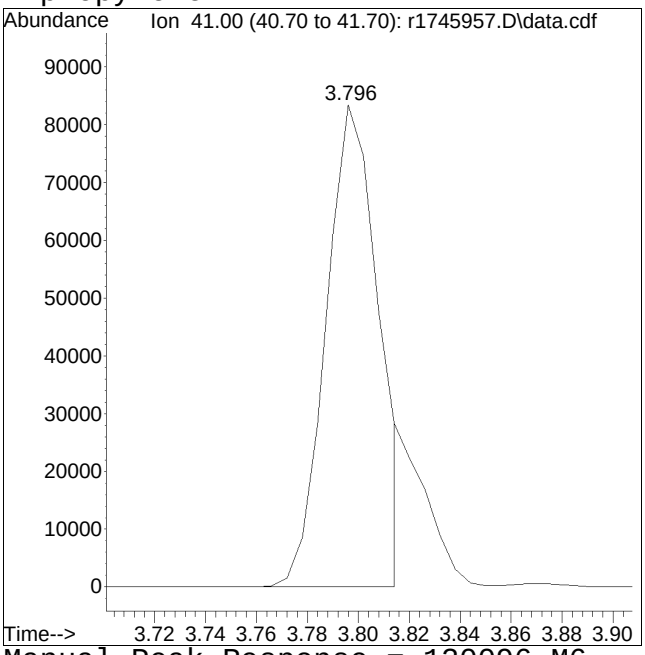
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745957.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 6:18 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 12/21/2024 7:56 am

Compound #3: propylene



Original Peak Response = 139050



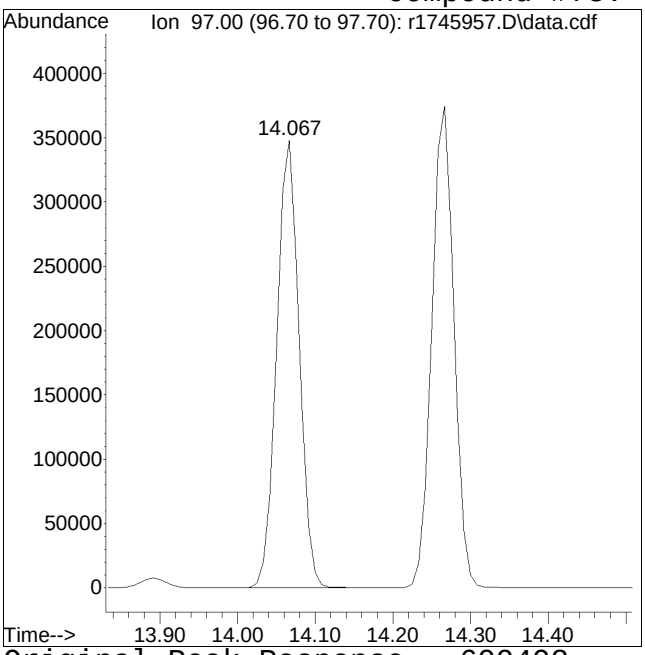
Manual Peak Response = 120096 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

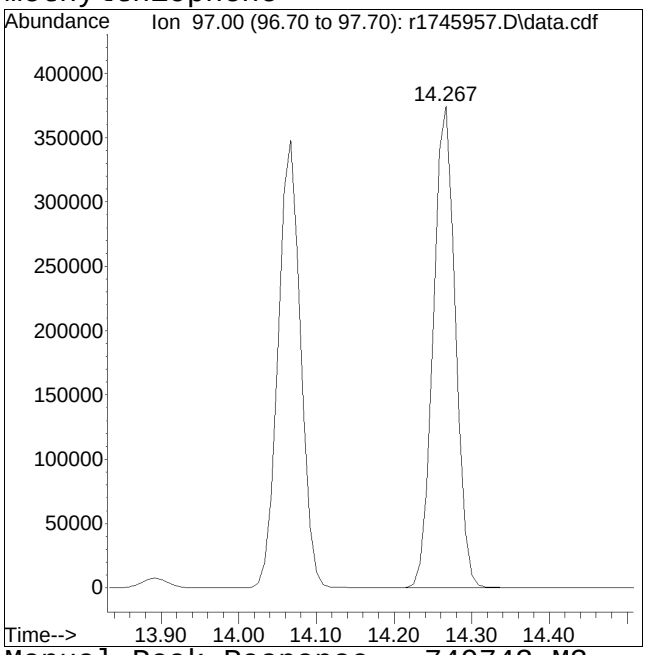
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745957.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 6:18 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 12/21/2024 7:56 am

Compound #73: 3-methylthiophene



Original Peak Response = 699492



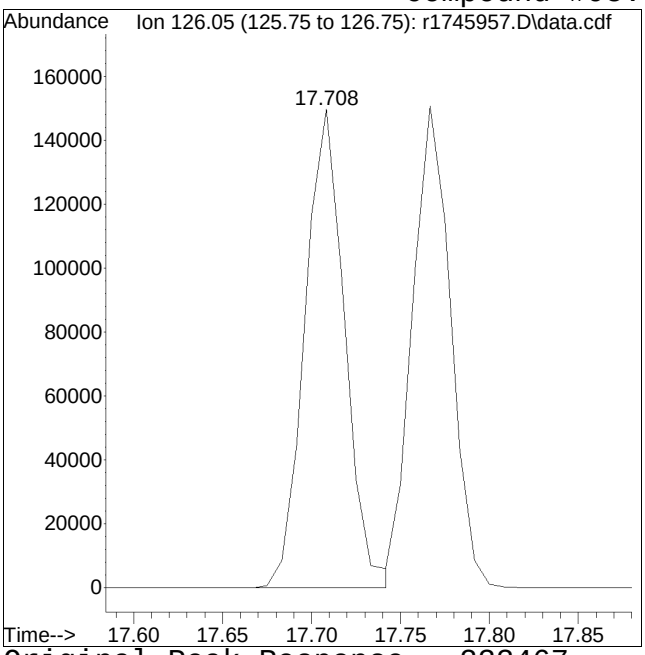
Manual Peak Response = 740743 M3

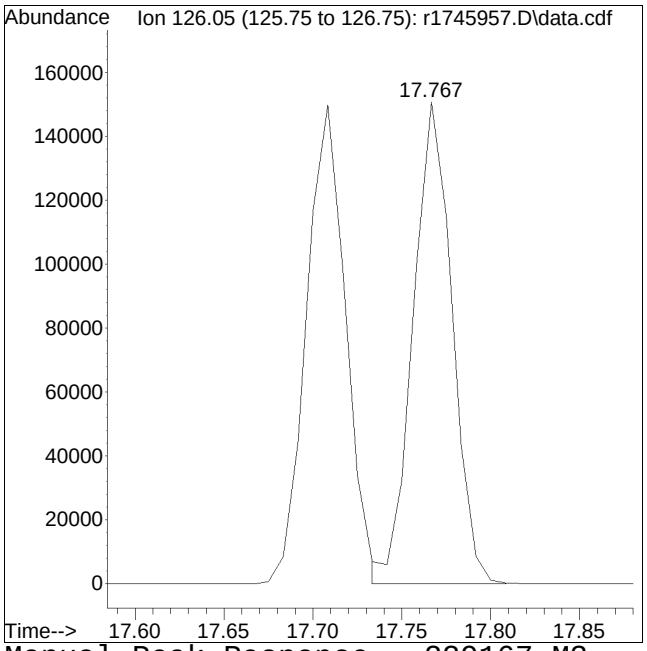
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745957.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 6:18 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 12/21/2024 7:56 am

Compound #95: 4-chlorotoluene





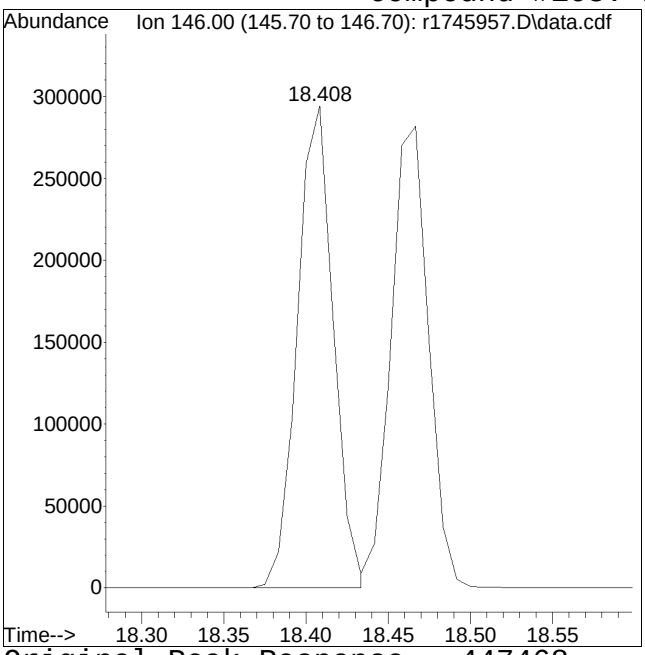
Original Peak Response = 233467 Manual Peak Response = 229167 M3

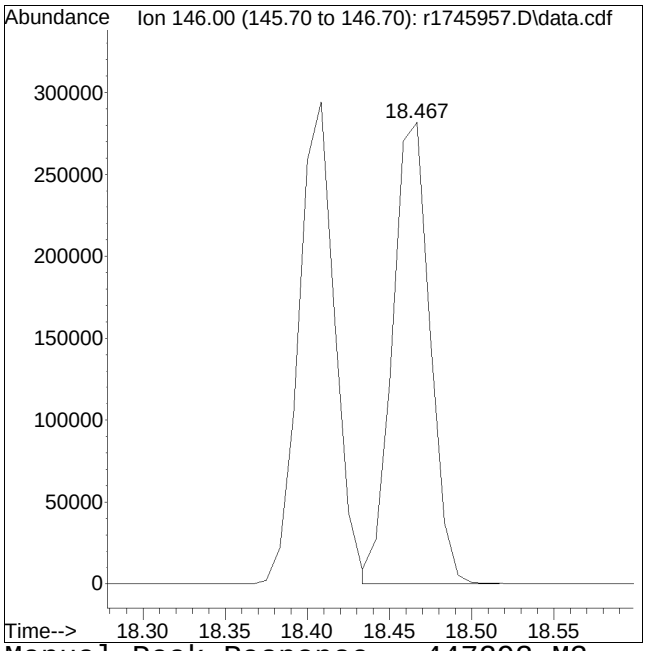
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745957.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 6:18 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 12/21/2024 7:56 am

Compound #103: 1,4-dichlorobenzene





Original Peak Response = 447468 Manual Peak Response = 447293 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745958.D
Acq On : 21 Dec 2024 6:54 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD020
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:04 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	307808	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 102.73%			
43) 1,4-difluorobenzene	11.030	114	824577	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 101.54%			
67) chlorobenzene-D5	15.792	54	112369	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 100.78%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	190457	10.215	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.15%			
69) toluene-D8	13.875	98	699579	10.383	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.83%			
90) bromofluorobenzene	17.183	95	478778	10.096	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.96%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.772	51	529138	23.739	ppbV	97
3) propylene	3.802	41	291627M6	23.637	ppbV	
4) propane	3.826	29	373415	24.914	ppbV	92
5) dichlorodifluoromethane	3.874	85	641303	22.941	ppbV	99
6) chloromethane	4.030	50	332384	22.039	ppbV	99
7) Freon-114	4.126	85	733857	22.061	ppbV	97
8) methanol	4.180	31	764541	88.761	ppbV	99
9) vinyl chloride	4.240	62	320799	23.703	ppbV	99
10) 1,3-butadiene	4.378	54	290879	24.673	ppbV	95
11) butane	4.432	43	492565	22.574	ppbV	99
12) acetaldehyde	4.144	29	977554	120.528	ppbV	93
13) bromomethane	4.648	94	275911	23.887	ppbV	97
14) chloroethane	4.822	64	151302	24.418	ppbV	98
15) ethanol	4.948	31	1190703	109.261	ppbV	98
16) dichlorofluoromethane	4.930	67	575947	24.258	ppbV	100
17) vinyl bromide	5.187	106	287788	24.968	ppbV	100
18) acrolein	5.307	56	156826	24.952	ppbV	100
19) acetone	5.440	43	2452709	117.776	ppbV	98
20) acetonitrile	5.167	41	280650	24.138	ppbV	99
21) trichlorofluoromethane	5.633	101	596820	24.180	ppbV	98
22) isopropyl alcohol	5.707	45	1622751	54.244	ppbV	100
23) acrylonitrile	5.943	53	291709	25.523	ppbV	98
24) pentane	6.020	43	759111	24.097	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745958.D
Acq On : 21 Dec 2024 6:54 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD020
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:04 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.040	31	559222	25.687	ppbV	97
26) 1,1-dichloroethene	6.312	61	476015	24.389	ppbV	100
27) tertiary butyl alcohol	6.348	59	554251	26.395	ppbV	98
28) methylene chloride	6.450	49	464609	25.006	ppbV	100
29) 3-chloropropene	6.582	41	534377	25.254	ppbV	99
30) carbon disulfide	6.744	76	1136115	25.687	ppbV	99
31) Freon 113	6.744	101	693468	24.387	ppbV	97
32) trans-1,2-dichloroethene	7.483	61	491298	25.215	ppbV	99
33) 1,1-dichloroethane	7.700	63	620861	24.492	ppbV	98
34) MTBE	7.758	73	855882	25.704	ppbV	100
35) vinyl acetate	7.883	43	861426	25.497	ppbV	99
36) 2-butanone	8.125	43	899982	25.093	ppbV	99
37) cis-1,2-dichloroethene	8.633	61	461553	24.405	ppbV	98
38) Ethyl Acetate	8.900	61	122878	25.005	ppbV	84
39) chloroform	8.975	83	632659	24.578	ppbV	100
40) Tetrahydrofuran	9.392	42	534210	25.283	ppbV	99
41) 2,2-dichloropropane	8.992	77	469671	25.814	ppbV	95
42) 1,2-dichloroethane	9.792	62	369508	23.936	ppbV	98
44) hexane	8.892	57	571368	25.702	ppbV	97
45) diisopropyl ether	8.883	87	302065	25.232	ppbV	99
46) tert-butyl ethyl ether	9.483	59	973290	25.157	ppbV	98
48) 1,1,1-trichloroethane	10.083	97	548528	25.308	ppbV	99
49) 1,1-dichloropropene	10.443	75	557916	25.723	ppbV	97
50) benzene	10.603	78	1255176	25.206	ppbV	99
51) thiophene	10.750	84	861638	18.814	ppbV	99
52) carbon tetrachloride	10.777	117	515239	26.367	ppbV	97
53) cyclohexane	10.923	56	607634	25.824	ppbV	100
54) tert-amyl methyl ether	11.290	73	1006738	25.899	ppbV	98
55) dibromomethane	11.510	93	379527	24.651	ppbV	98
56) 1,2-dichloropropane	11.543	63	432426	24.602	ppbV	100
57) bromodichloromethane	11.770	83	643780	26.119	ppbV	99
58) 1,4-dioxane	11.803	88	272240	26.829	ppbV	100
59) trichloroethene	11.823	130	552515	24.383	ppbV	100
60) 2,2,4-trimethylpentane	11.877	57	1820805	25.419	ppbV	100
61) methyl methacrylate	12.063	41	512206	25.655	ppbV	98
62) heptane	12.197	43	891338	25.372	ppbV	99
63) cis-1,3-dichloropropene	12.833	75	634890	26.610	ppbV	95
64) 4-methyl-2-pentanone	12.867	43	1100956	25.919	ppbV	99
65) trans-1,3-dichloropropene	13.458	75	477478	26.941	ppbV	98
66) 1,1,2-trichloroethane	13.658	97	496661	24.646	ppbV	97

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745958.D
Acq On : 21 Dec 2024 6:54 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD020
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:04 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.992	91	1386920	24.273	ppbV	99
70) 2-methylthiophene	14.067	97	1272193	18.046	ppbV	100
71) 1,3-dichloropropane	14.017	76	684561	25.869	ppbV	95
72) 2-hexanone	14.283	43	1031059	25.849	ppbV	99
73) 3-methylthiophene	14.267	97	1341005	17.963	ppbV	99
74) dibromochloromethane	14.450	129	672605	26.380	ppbV	100
75) 1,2-dibromoethane	14.708	107	728165	25.686	ppbV	98
76) butyl acetate	14.958	73	175387	26.371	ppbV	91
77) octane	15.058	85	502039	25.344	ppbV	97
78) tetrachloroethene	15.183	166	573789	24.980	ppbV	99
79) 1,1,1,2-tetrachloroethane	15.817	131	524913	25.922	ppbV	98
80) chlorobenzene	15.833	112	1205272	25.452	ppbV	99
81) ethylbenzene	16.192	91	1809389	24.386	ppbV	96
82) 2-ethylthiophene	16.225	97	1512347	18.233	ppbV	98
83) m+p-xylene	16.358	91	2844848	48.246	ppbV	96
84) bromoform	16.417	173	547790	27.315	ppbV	99
85) styrene	16.683	104	1257591	25.912	ppbV	99
86) 1,1,2,2-tetrachloroethane	16.775	83	1079769	25.241	ppbV	100
87) o-xylene	16.775	91	1411488	23.963	ppbV	96
88) 1,2,3-trichloropropane	16.892	75	833406	26.011	ppbV	98
89) nonane	16.983	43	1362309	24.705	ppbV	99
91) isopropylbenzene	17.300	105	1939604	25.647	ppbV	99
92) bromobenzene	17.375	77	1064632	25.913	ppbV	97
93) 2-chlorotoluene	17.708	126	580754	24.682	ppbV	99
94) n-propylbenzene	17.733	120	631288	25.402	ppbV	82
95) 4-chlorotoluene	17.767	126	572382	24.783	ppbV	95
96) 4-ethyl toluene	17.858	105	2037711	25.794	ppbV	99
97) 1,3,5-trimethylbenzene	17.925	105	1713631	25.255	ppbV	99
98) tert-butylbenzene	18.275	119	1718254	24.793	ppbV	99
99) 1,2,4-trimethylbenzene	18.275	105	1704979	24.538	ppbV	99
100) decane	18.358	57	1276250	24.489	ppbV	97
101) Benzyl Chloride	18.392	91	971251	29.158	ppbV	100
102) 1,3-dichlorobenzene	18.408	146	1114634	24.716	ppbV	97
103) 1,4-dichlorobenzene	18.458	146	1112494	24.678	ppbV	97
104) sec-butylbenzene	18.500	105	2456591	24.985	ppbV	100
105) 1,2,3-trimethylbenzene	18.625	105	1520401	24.113	ppbV	96
106) p-isopropyltoluene	18.625	119	2045199	24.063	ppbV	99
107) 1,2-dichlorobenzene	18.742	146	1055580	24.551	ppbV	98
108) n-butylbenzene	18.975	91	1720222	23.954	ppbV	99
109) indan	18.800	117	1649647	25.229	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745958.D
Acq On : 21 Dec 2024 6:54 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD020
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:04 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

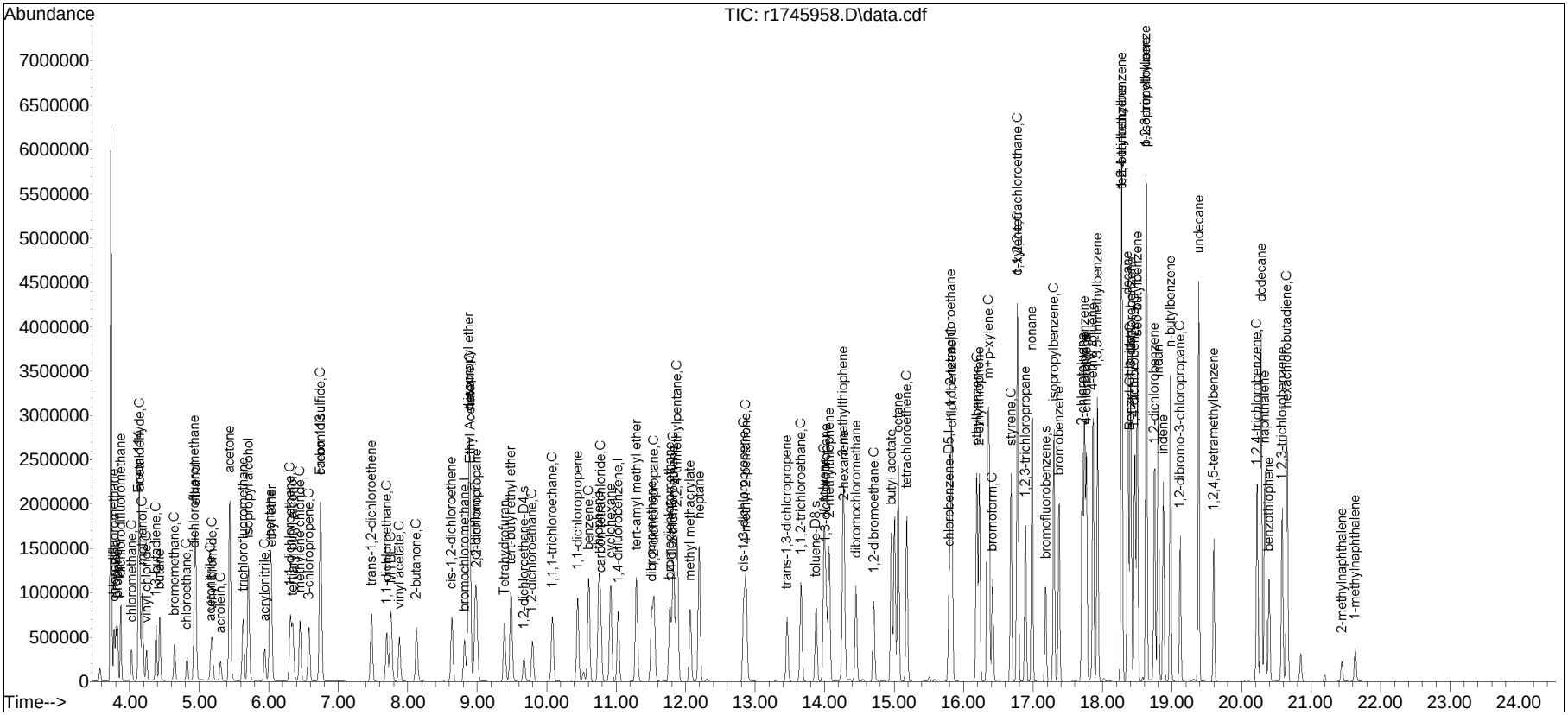
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.875	115	1127924	25.814	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.117	75	427132	26.615	ppbV	95
112) undecane	19.383	57	1393731	24.463	ppbV	95
113) 1,2,4,5-tetramethylben...	19.600	119	831495	25.958	ppbV	96
114) dodecane	20.283	57	1357752	23.037	ppbV	95
115) 1,2,4-trichlorobenzene	20.217	180	744543	24.168	ppbV	96
116) naphthalene	20.333	128	2039537	23.122	ppbV	99
117) 1,2,3-trichlorobenzene	20.583	180	645347	23.007	ppbV	97
118) benzothiophene	20.392	134	1015032	23.329	ppbV	99
119) hexachlorobutadiene	20.650	225	619727	23.335	ppbV	99
120) 2-methylnaphthalene	21.442	142	144263	21.264	ppbV	98
121) 1-methylnaphthalene	21.633	142	235525	19.481	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745958.D
Acq On : 21 Dec 2024 6:54 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD020
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

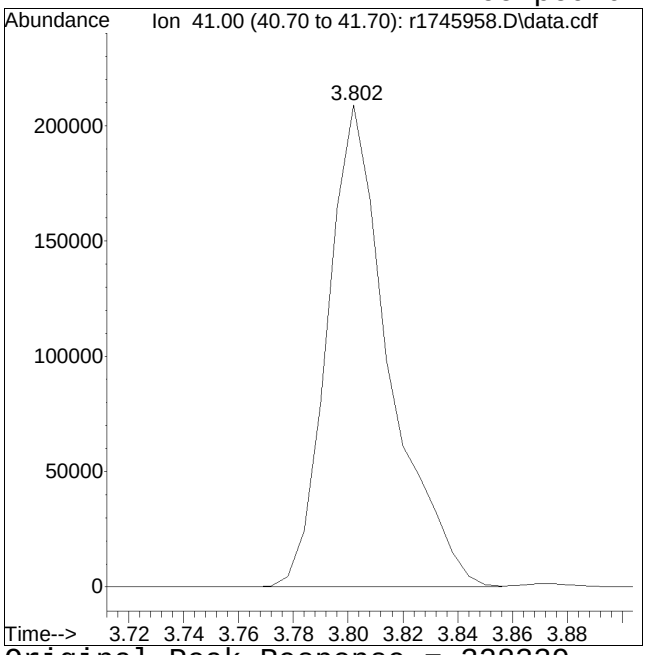
Quant Time: Dec 21 08:36:04 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



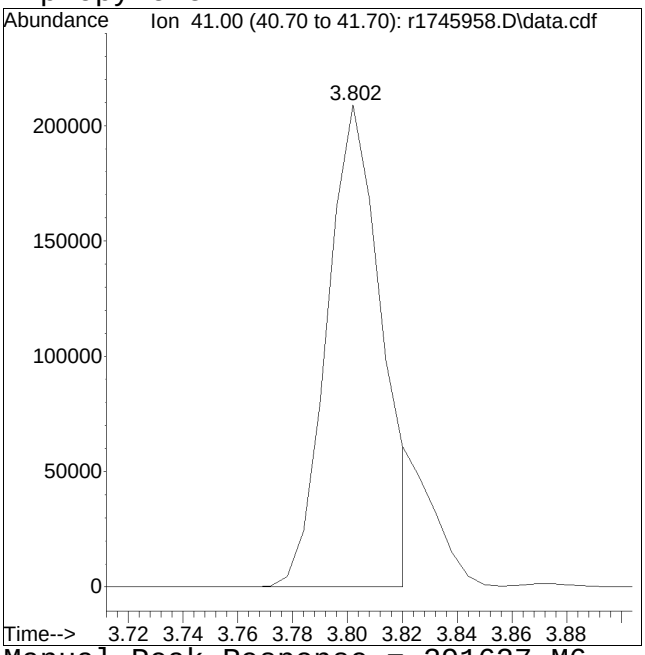
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745958.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 6:54 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 12/21/2024 8:36 am

Compound #3: propylene



Original Peak Response = 328339



Manual Peak Response = 291627 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745959.D
Acq On : 21 Dec 2024 7:33 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD050
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:15 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.825	49	318776	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 106.39%			
43) 1,4-difluorobenzene	11.030	114	809170	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 99.64%			
67) chlorobenzene-D5	15.792	54	111108	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 99.65%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	157604	8.614	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 86.14%			
69) toluene-D8	13.883	98	619769	9.303	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.03%			
90) bromofluorobenzene	17.183	95	435097	9.279	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.79%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.778	51	1281150	55.499	ppbV	96
3) propylene	3.802	41	622541M6	48.722	ppbV	
4) propane	3.826	29	910207	58.640	ppbV #	89
5) dichlorodifluoromethane	3.874	85	1436658	49.625	ppbV	99
6) chloromethane	4.030	50	756421	48.430	ppbV	98
7) Freon-114	4.132	85	1615074	46.882	ppbV	96
8) methanol	4.192	31	1817547	203.753	ppbV	98
9) vinyl chloride	4.246	62	750035	53.512	ppbV	99
10) 1,3-butadiene	4.384	54	650656	53.291	ppbV	98
11) butane	4.438	43	1063778	47.075	ppbV	97
12) acetaldehyde	4.144	29	2106331	250.765	ppbV	92
13) bromomethane	4.648	94	619023	51.748	ppbV	98
14) chloroethane	4.828	64	344976	53.759	ppbV	97
15) ethanol	4.960	31	2616720	231.854	ppbV	92
16) dichlorofluoromethane	4.936	67	1322275	53.777	ppbV	99
17) vinyl bromide	5.193	106	724613	60.704	ppbV	100
18) acrolein	5.313	56	386557	59.387	ppbV	95
19) acetone	5.447	43	4954535	229.724	ppbV #	86
20) acetonitrile	5.177	41	744744	61.851	ppbV	99
21) trichlorofluoromethane	5.637	101	1233889	48.270	ppbV	98
22) isopropyl alcohol	5.717	45	3498112	112.908	ppbV	98
23) acrylonitrile	5.950	53	769329	64.997	ppbV	99
24) pentane	6.027	43	1587733	48.666	ppbV #	96

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745959.D
Acq On : 21 Dec 2024 7:33 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD050
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:15 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.043	31	1640121	72.744	ppbV		90
26) 1,1-dichloroethene	6.318	61	1046138	51.756	ppbV		98
27) tertiary butyl alcohol	6.354	59	1302899	59.914	ppbV		92
28) methylene chloride	6.456	49	1124742	58.453	ppbV		100
29) 3-chloropropene	6.588	41	1137650	51.914	ppbV		95
30) carbon disulfide	6.750	76	2552796	55.731	ppbV		96
31) Freon 113	6.750	101	1467729	49.840	ppbV		93
32) trans-1,2-dichloroethene	7.483	61	1081200	53.581	ppbV		99
33) 1,1-dichloroethane	7.708	63	1336793	50.919	ppbV		98
34) MTBE	7.767	73	1928003	55.910	ppbV		96
35) vinyl acetate	7.883	43	1887951	53.958	ppbV		96
36) 2-butanone	8.133	43	1931283	51.994	ppbV		97
37) cis-1,2-dichloroethene	8.642	61	1016711	51.909	ppbV		99
38) Ethyl Acetate	8.900	61	278819	54.787	ppbV		80
39) chloroform	8.975	83	1487381	55.795	ppbV		97
40) Tetrahydrofuran	9.392	42	1144900	52.321	ppbV		96
41) 2,2-dichloropropane	9.000	77	1096332	58.183	ppbV	#	86
42) 1,2-dichloroethane	9.800	62	774800	48.463	ppbV	#	93
44) hexane	8.892	57	1356710	62.191	ppbV	#	67
45) diisopropyl ether	8.883	87	721891	61.448	ppbV		73
46) tert-butyl ethyl ether	9.492	59	2224221	58.586	ppbV		95
48) 1,1,1-trichloroethane	10.083	97	1161843	54.625	ppbV		97
49) 1,1-dichloropropene	10.450	75	1283238	60.291	ppbV		93
50) benzene	10.610	78	2994816	61.287	ppbV		97
51) thiophene	10.757	84	2059364	45.822	ppbV		97
52) carbon tetrachloride	10.783	117	1173048	61.172	ppbV		99
53) cyclohexane	10.923	56	1477205	63.976	ppbV		95
54) tert-amyl methyl ether	11.297	73	2296181	60.196	ppbV		96
55) dibromomethane	11.517	93	815532	53.978	ppbV		97
56) 1,2-dichloropropane	11.550	63	930989	53.975	ppbV		96
57) bromodichloromethane	11.777	83	1535581	63.486	ppbV		97
58) 1,4-dioxane	11.803	88	635251	63.795	ppbV		100
59) trichloroethene	11.830	130	1203816	54.138	ppbV		100
60) 2,2,4-trimethylpentane	11.883	57	4263244	60.650	ppbV		95
61) methyl methacrylate	12.070	41	1080209	55.134	ppbV		96
62) heptane	12.197	43	1871229	54.279	ppbV		91
63) cis-1,3-dichloropropene	12.842	75	1488434	63.571	ppbV		92
64) 4-methyl-2-pentanone	12.867	43	2311330	55.451	ppbV		92
65) trans-1,3-dichloropropene	13.458	75	1137970	65.431	ppbV		93
66) 1,1,2-trichloroethane	13.667	97	1063479	53.778	ppbV		88

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745959.D
Acq On : 21 Dec 2024 7:33 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD050
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:15 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	13.992	91	3048334	53.955	ppbV		99
70)	2-methylthiophene	14.067	97	2698729	38.716	ppbV		99
71)	1,3-dichloropropane	14.025	76	1577675	60.295	ppbV		88
72)	2-hexanone	14.283	43	2151289	54.546	ppbV		92
73)	3-methylthiophene	14.267	97	2855472	38.683	ppbV		99
74)	dibromochloromethane	14.450	129	1499523	59.481	ppbV		98
75)	1,2-dibromoethane	14.708	107	1591280	56.770	ppbV		100
76)	butyl acetate	14.958	73	396740	60.331	ppbV		80
77)	octane	15.058	85	1183512	60.425	ppbV		82
78)	tetrachloroethene	15.183	166	1249873	55.032	ppbV		96
79)	1,1,1,2-tetrachloroethane	15.817	131	1139676	56.920	ppbV		97
80)	chlorobenzene	15.833	112	2705798	57.788	ppbV		99
81)	ethylbenzene	16.192	91	3885833	52.966	ppbV		94
82)	2-ethylthiophene	16.225	97	3152775	38.442	ppbV		93
83)	m+p-xylene	16.358	91	6087992	104.419	ppbV		97
84)	bromoform	16.417	173	1260288	63.557	ppbV		99
85)	styrene	16.683	104	2709063	56.453	ppbV		95
86)	1,1,2,2-tetrachloroethane	16.775	83	2469357	58.380	ppbV		100
87)	o-xylene	16.783	91	3018467	51.826	ppbV		99
88)	1,2,3-trichloropropane	16.892	75	1923814	60.724	ppbV		97
89)	nonane	16.983	43	2782290	51.028	ppbV	#	87
91)	isopropylbenzene	17.300	105	4167478	55.732	ppbV		95
92)	bromobenzene	17.375	77	2437844	60.011	ppbV		99
93)	2-chlorotoluene	17.708	126	1290882	55.485	ppbV		92
94)	n-propylbenzene	17.742	120	1441877	58.676	ppbV		73
95)	4-chlorotoluene	17.767	126	1257479	55.063	ppbV		89
96)	4-ethyl toluene	17.867	105	4434565	56.771	ppbV		96
97)	1,3,5-trimethylbenzene	17.925	105	3646315	54.347	ppbV		97
98)	tert-butylbenzene	18.275	119	3746591	54.673	ppbV		100
99)	1,2,4-trimethylbenzene	18.275	105	3554403	51.735	ppbV		95
100)	decane	18.367	57	2912002	56.511	ppbV		85
101)	Benzyl Chloride	18.392	91	2403018	72.960	ppbV		98
102)	1,3-dichlorobenzene	18.408	146	2409365	54.032	ppbV		96
103)	1,4-dichlorobenzene	18.467	146	2429188	54.498	ppbV		97
104)	sec-butylbenzene	18.500	105	5149879	52.971	ppbV		96
105)	1,2,3-trimethylbenzene	18.633	105	3162728	50.729	ppbV		97
106)	p-isopropyltoluene	18.633	119	4385228	52.180	ppbV		95
107)	1,2-dichlorobenzene	18.750	146	2260016	53.161	ppbV		97
108)	n-butylbenzene	18.975	91	3857332	54.322	ppbV		97
109)	indan	18.800	117	3672005	56.796	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745959.D
Acq On : 21 Dec 2024 7:33 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD050
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:15 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

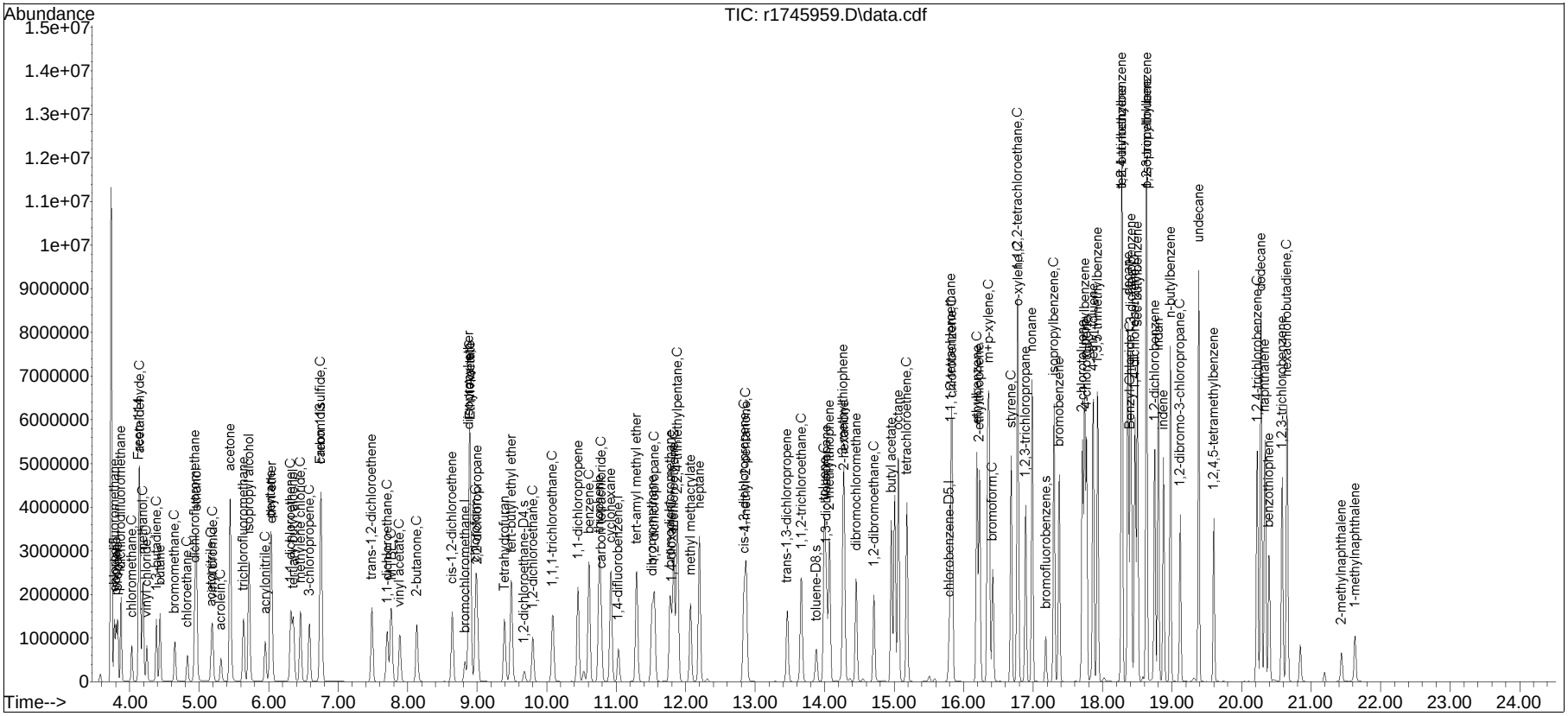
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.875	115	2588006	59.902	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.117	75	984060	62.014	ppbV	94
112) undecane	19.383	57	3103623	55.094	ppbV	85
113) 1,2,4,5-tetramethylben...	19.600	119	1968177	62.140	ppbV	96
114) dodecane	20.275	57	3093076	53.077	ppbV	83
115) 1,2,4-trichlorobenzene	20.225	180	1810101	59.423	ppbV	99
116) naphthalene	20.333	128	4819075	55.254	ppbV	99
117) 1,2,3-trichlorobenzene	20.583	180	1588193	57.262	ppbV	98
118) benzothiophene	20.392	134	2490382	57.886	ppbV	99
119) hexachlorobutadiene	20.650	225	1455346	55.421	ppbV	99
120) 2-methylnaphthalene	21.433	142	414515	61.792	ppbV	97
121) 1-methylnaphthalene	21.633	142	654237	54.728	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745959.D
Acq On : 21 Dec 2024 7:33 AM
Operator : AIRLAB17:BJB
Sample : ITO15-SIMSTD050
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

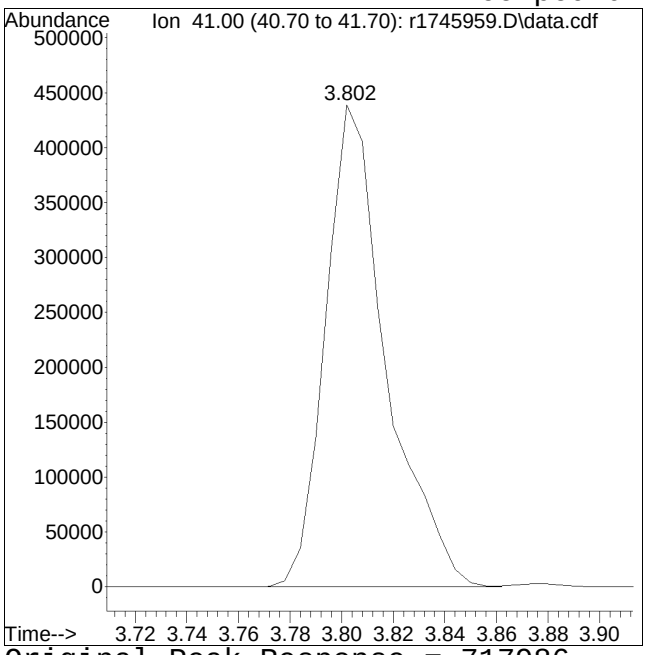
Quant Time: Dec 21 08:36:15 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



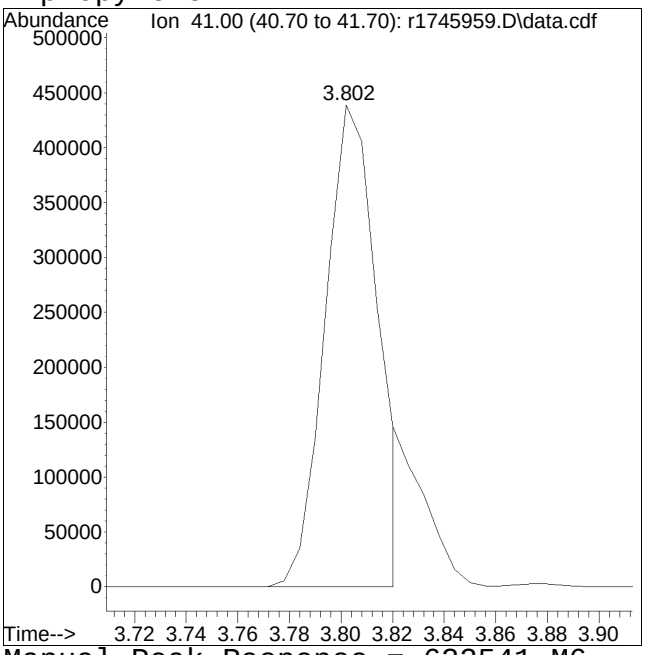
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745959.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 7:33 AM Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 12/21/2024 8:36 am

Compound #3: propylene



Original Peak Response = 717986



Manual Peak Response = 622541 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745960.D
Acq On : 21 Dec 2024 8:14 AM
Operator : AIRLAB17:BJB
Sample : ITO15-LLSTD100
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:26 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.825	49	308380	10.000	ppbV	0.00
Standard Area = 299618			Recovery = 102.92%			
43) 1,4-difluorobenzene	11.030	114	772078	10.000	ppbV	0.00
Standard Area = 812080			Recovery = 95.07%			
67) chlorobenzene-D5	15.792	54	112261	10.000	ppbV	0.00
Standard Area = 111496			Recovery = 100.69%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.683	65	145469	8.333	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.33%			
69) toluene-D8	13.883	98	577246	8.576	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 85.76%			
90) bromofluorobenzene	17.183	95	411630	8.688	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 86.88%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.772	51	2195172	98.299	ppbV	96
3) propylene	3.802	41	1157089M6	93.609	ppbV	
4) propane	3.826	29	1728117	115.087	ppbV #	85
5) dichlorodifluoromethane	3.868	85	2547138	90.949	ppbV	99
6) chloromethane	4.030	50	1346313	89.103	ppbV	97
7) Freon-114	4.126	85	2737299	82.137	ppbV	93
8) methanol	4.192	31	3375307	391.138	ppbV	97
9) vinyl chloride	4.246	62	1421934	104.869	ppbV	100
10) 1,3-butadiene	4.384	54	1169527	99.017	ppbV	98
11) butane	4.432	43	1899345	86.884	ppbV #	96
12) acetaldehyde	4.144	29	3584790	441.168	ppbV	94
13) bromomethane	4.648	94	1149020	99.292	ppbV	100
14) chloroethane	4.828	64	663154	106.826	ppbV	97
15) ethanol	4.966	31	4677727	428.441	ppbV	89
16) dichlorofluoromethane	4.936	67	2271861	95.511	ppbV	98
17) vinyl bromide	5.190	106	1130251	97.878	ppbV	99
18) acrolein	5.313	56	691645	109.841	ppbV	100
19) acetone	5.447	43	8084844	387.503	ppbV #	73
20) acetonitrile	5.177	41	1134681	97.412	ppbV	97
21) trichlorofluoromethane	5.637	101	2189301	88.534	ppbV	99
22) isopropyl alcohol	5.723	45	5850012	195.185	ppbV #	96
23) acrylonitrile	5.953	53	1460080	127.513	ppbV	98
24) pentane	6.023	43	2694234	85.366	ppbV #	92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745960.D
Acq On : 21 Dec 2024 8:14 AM
Operator : AIRLAB17:BJB
Sample : ITO15-LLSTD100
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:26 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.040	31	2797993	128.283	ppbV	#	87
26) 1,1-dichloroethene	6.318	61	1933214	98.868	ppbV		98
27) tertiary butyl alcohol	6.360	59	2519627	119.770	ppbV	#	86
28) methylene chloride	6.456	49	2000213	107.455	ppbV		95
29) 3-chloropropene	6.582	41	1973011	93.069	ppbV	#	95
30) carbon disulfide	6.750	76	4303926	97.128	ppbV		95
31) Freon 113	6.750	101	2605598	91.462	ppbV		93
32) trans-1,2-dichloroethene	7.483	61	1983845	101.628	ppbV		99
33) 1,1-dichloroethane	7.708	63	2429533	95.663	ppbV		97
34) MTBE	7.758	73	3442206	103.186	ppbV		93
35) vinyl acetate	7.892	43	3278272	96.853	ppbV	#	93
36) 2-butanone	8.133	43	3301068	91.867	ppbV	#	95
37) cis-1,2-dichloroethene	8.642	61	1882391	99.347	ppbV		96
38) Ethyl Acetate	8.908	61	518904	105.400	ppbV	#	28
39) chloroform	8.983	83	2673793	103.682	ppbV		96
40) Tetrahydrofuran	9.392	42	1978135	93.447	ppbV		94
41) 2,2-dichloropropane	9.000	77	1941738	106.523	ppbV	#	83
42) 1,2-dichloroethane	9.800	62	1408321	91.059	ppbV	#	93
44) hexane	8.892	57	2499215	120.067	ppbV	#	45
45) diisopropyl ether	8.883	87	1354869	120.868	ppbV	#	52
46) tert-butyl ethyl ether	9.492	59	4216000	116.384	ppbV		94
48) 1,1,1-trichloroethane	10.083	97	2217328	109.257	ppbV		98
49) 1,1-dichloropropene	10.450	75	2241660	110.381	ppbV		92
50) benzene	10.610	78	5239124	112.366	ppbV		94
51) thiophene	10.757	84	3761602	87.718	ppbV		96
52) carbon tetrachloride	10.783	117	2102947	114.933	ppbV		98
53) cyclohexane	10.923	56	2818992	127.953	ppbV	#	91
54) tert-amyl methyl ether	11.297	73	4059072	111.523	ppbV		94
55) dibromomethane	11.517	93	1472077	102.114	ppbV		98
56) 1,2-dichloropropane	11.550	63	1694744	102.974	ppbV		96
57) bromodichloromethane	11.777	83	2802062	121.412	ppbV		98
58) 1,4-dioxane	11.803	88	1187455	124.979	ppbV		99
59) trichloroethene	11.830	130	2198860	103.637	ppbV		98
60) 2,2,4-trimethylpentane	11.883	57	7903225	117.835	ppbV		92
61) methyl methacrylate	12.070	41	1878868	100.505	ppbV		94
62) heptane	12.197	43	3143480	95.564	ppbV	#	82
63) cis-1,3-dichloropropene	12.842	75	2643261	118.318	ppbV		91
64) 4-methyl-2-pentanone	12.875	43	3902105	98.113	ppbV	#	87
65) trans-1,3-dichloropropene	13.467	75	2062847	124.308	ppbV		93
66) 1,1,2-trichloroethane	13.667	97	1908528	101.147	ppbV	#	87

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745960.D
Acq On : 21 Dec 2024 8:14 AM
Operator : AIRLAB17:BJB
Sample : ITO15-LLSTD100
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:26 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	14.000	91	5494689	96.257	ppbV		99
70) 2-methylthiophene	14.075	97	4830507	68.587	ppbV		98
71) 1,3-dichloropropane	14.025	76	2720810	102.914	ppbV		87
72) 2-hexanone	14.292	43	3608814	90.562	ppbV	#	85
73) 3-methylthiophene	14.267	97	5030572	67.450	ppbV		98
74) dibromochloromethane	14.458	129	2735451	107.391	ppbV		98
75) 1,2-dibromoethane	14.708	107	2756570	97.333	ppbV		99
76) butyl acetate	14.958	73	703094	105.819	ppbV		68
77) octane	15.067	85	2152823	108.785	ppbV	#	75
78) tetrachloroethene	15.183	166	2225950	97.002	ppbV		97
79) 1,1,1,2-tetrachloroethane	15.817	131	2056673	101.664	ppbV		95
80) chlorobenzene	15.833	112	4574647	96.698	ppbV		99
81) ethylbenzene	16.192	91	6914689	93.283	ppbV		96
82) 2-ethylthiophene	16.233	97	5512270	66.521	ppbV		95
83) m+p-xylene	16.367	91	10634845	180.531	ppbV		99
84) bromoform	16.417	173	2295989	114.598	ppbV		98
85) styrene	16.683	104	4689413	96.716	ppbV		95
86) 1,1,2,2-tetrachloroethane	16.775	83	4095154	95.823	ppbV		100
87) o-xylene	16.783	91	5196320	88.303	ppbV		100
88) 1,2,3-trichloropropane	16.892	75	3335963	104.216	ppbV		95
89) nonane	16.992	43	4499592	81.676	ppbV	#	77
91) isopropylbenzene	17.300	105	6939104	91.844	ppbV		90
92) bromobenzene	17.375	77	4195889	102.228	ppbV		96
93) 2-chlorotoluene	17.708	126	2343605	99.699	ppbV		85
94) n-propylbenzene	17.742	120	2584788	104.106	ppbV		69
95) 4-chlorotoluene	17.767	126	2287795	99.151	ppbV		87
96) 4-ethyl toluene	17.867	105	7405546	93.831	ppbV		92
97) 1,3,5-trimethylbenzene	17.933	105	6149785	90.719	ppbV		95
98) tert-butylbenzene	18.275	119	5919950	85.501	ppbV		93
99) 1,2,4-trimethylbenzene	18.283	105	5719497	82.394	ppbV		96
100) decane	18.367	57	5163759	99.179	ppbV	#	77
101) Benzyl Chloride	18.400	91	4465954	134.202	ppbV		97
102) 1,3-dichlorobenzene	18.408	146	4237561	94.056	ppbV		97
103) 1,4-dichlorobenzene	18.467	146	4150131	92.151	ppbV		97
104) sec-butylbenzene	18.500	105	8494353	86.474	ppbV	#	89
105) 1,2,3-trimethylbenzene	18.633	105	5168869	82.056	ppbV		97
106) p-isopropyltoluene	18.633	119	6908087	81.356	ppbV		91
107) 1,2-dichlorobenzene	18.750	146	3886857	90.490	ppbV		97
108) n-butylbenzene	18.975	91	6780934	94.515	ppbV		94
109) indan	18.800	117	6173383	94.506	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745960.D
Acq On : 21 Dec 2024 8:14 AM
Operator : AIRLAB17:BJB
Sample : ITO15-LLSTD100
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 21 08:36:26 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default - All compounds listed

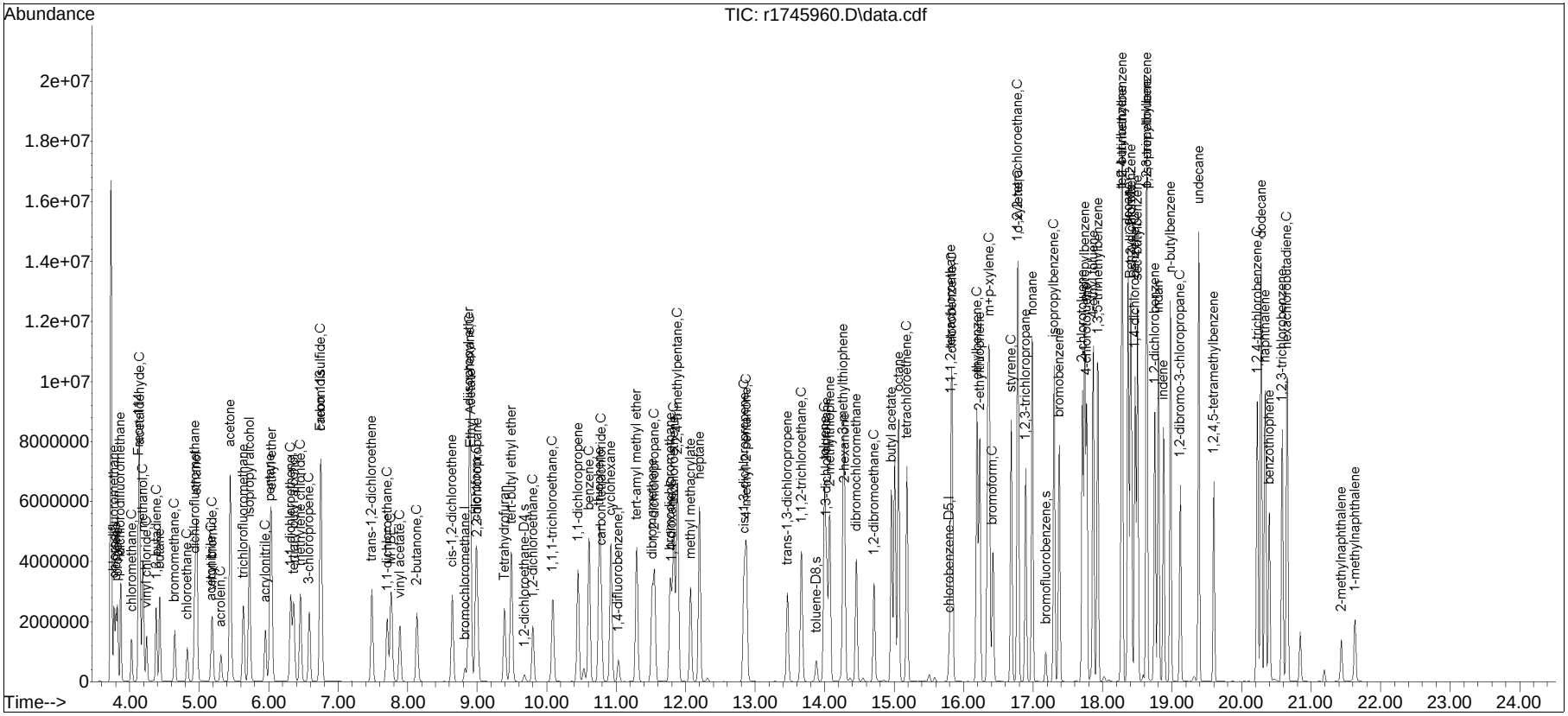
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.875	115	4550072	104.235	ppbV		98
111) 1,2-dibromo-3-chloropr...	19.117	75	1720882	107.333	ppbV		92
112) undecane	19.383	57	5406121	94.981	ppbV	#	81
113) 1,2,4,5-tetramethylben...	19.600	119	3566214	111.438	ppbV		96
114) dodecane	20.283	57	5373237	91.257	ppbV	#	78
115) 1,2,4-trichlorobenzene	20.225	180	3296451	107.106	ppbV		99
116) naphthalene	20.342	128	8754721	99.347	ppbV		98
117) 1,2,3-trichlorobenzene	20.583	180	2949689	105.258	ppbV		98
118) benzothiophene	20.400	134	4745319	109.167	ppbV		97
119) hexachlorobutadiene	20.650	225	2485314	93.671	ppbV		96
120) 2-methylnaphthalene	21.433	142	823980	121.569	ppbV		96
121) 1-methylnaphthalene	21.633	142	1270027	105.149	ppbV		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed2\1220T_I\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745960.D
Acq On : 21 Dec 2024 8:14 AM
Operator : AIRLAB17:BJB
Sample : ITO15-LLSTD100
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

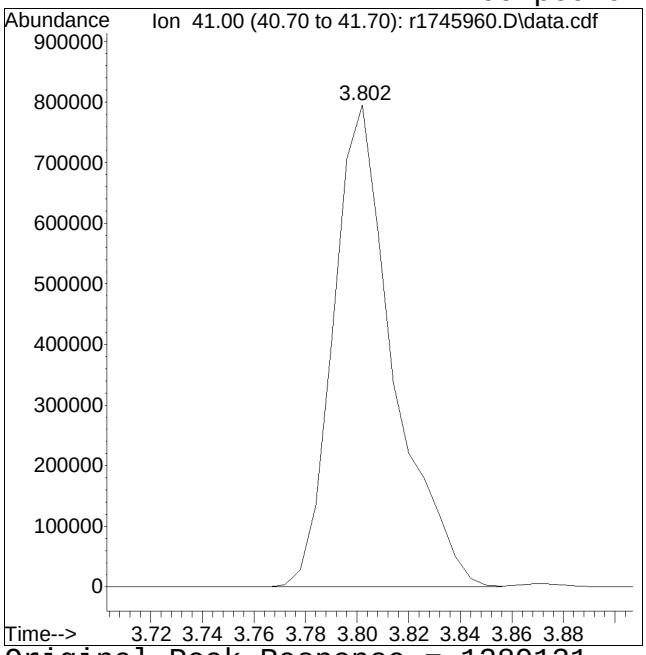
Quant Time: Dec 21 08:36:26 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Dec 21 08:34:55 2024
Response via : Initial Calibration



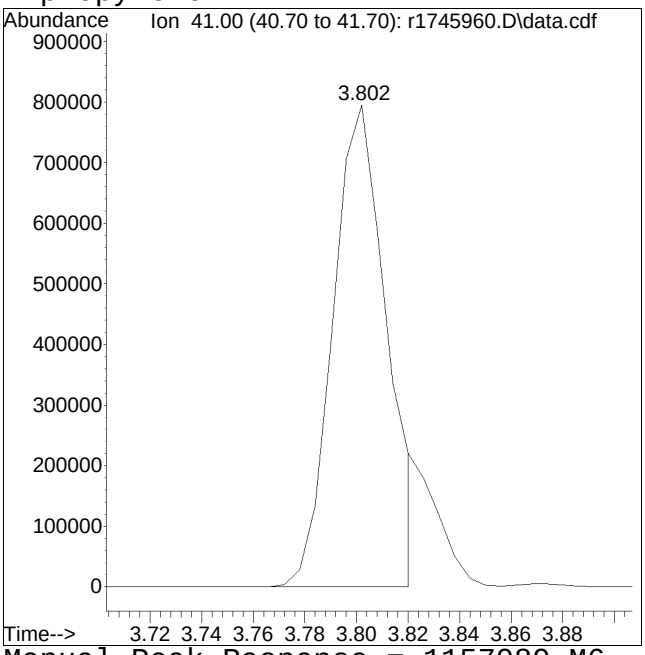
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745960.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 8:14 AM Instrument :
Sample : ITO15-LLSTD100 Quant Date : 12/21/2024 8:36 am

Compound #3: propylene



Original Peak Response = 1289131



Manual Peak Response = 1157089 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	90	0.00
2		chlorodifluoromethane	0.815	0.833	-2.2	104	0.00
3		propylene	0.450	0.441	2.0	99	0.00
4		propane	0.562	0.632	-12.5	117	0.00
5		dichlorodifluoromethane	0.999	1.014	-1.5	101	0.00
6	C	chloromethane	0.541	0.441	18.5	81	0.00
7		Freon-114	1.176	1.211	-3.0	101	0.00
8	C	methanol	0.331	0.252	23.9	81	0.00
9	C	vinyl chloride	0.501	0.517	-3.2	106	0.00
10	C	1,3-butadiene	0.444	0.445	-0.2	105	0.00
11		butane	0.780	0.686	12.1	87	0.00
13	C	bromomethane	0.428	0.453	-5.8	109	0.00
14	C	chloroethane	0.236	0.245	-3.8	110	0.00
15		ethanol	0.376	0.367	2.4	94	0.00
16		dichlorofluoromethane	0.892	0.818	8.3	96	0.00
17	C	vinyl bromide	0.439	0.413	5.9	99	0.00
18	C	acrolein	0.235	0.268	-14.0	118	0.00
19		acetone	0.768	0.720	6.3	96	0.00
20	C	acetonitrile	0.441	0.403	8.6	96	0.00
21		trichlorofluoromethane	0.886	0.848	4.3	95	0.00
22		isopropyl alcohol	0.971	0.834	14.1	77	0.00
23	C	acrylonitrile	0.441	0.518	-17.5	126	0.00
24		pentane	1.148	0.979	14.7	86	0.00
25		ethyl ether	0.855	1.016	-18.8	130	0.00
26	C	1,1-dichloroethene	0.716	0.750	-4.7	107	0.00
27		tertiary butyl alcohol	0.794	0.877	-10.5	116	0.00
28	C	methylene chloride	0.704	0.732	-4.0	109	0.00
29	C	3-chloropropene	0.776	0.753	3.0	99	0.00
30	C	carbon disulfide	1.623	1.605	1.1	101	0.00
31		Freon 113	1.034	1.005	2.8	98	0.00
32		trans-1,2-dichloroethene	0.727	0.742	-2.1	106	0.00
33	C	1,1-dichloroethane	0.918	0.887	3.4	97	0.00
34	C	MTBE	1.239	1.259	-1.6	105	0.00
35	C	vinyl acetate	1.186	1.006	15.2	83	0.00
36	C	2-butanone	1.301	1.162	10.7	90	0.00
37		cis-1,2-dichloroethene	0.687	0.700	-1.9	103	0.00
38		Ethyl Acetate	0.177	0.197	-11.3	111	0.00
39	C	chloroform	0.951	1.024	-7.7	110	0.00
40		Tetrahydrofuran	0.767	0.678	11.6	89	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	0.665	0.666	-0.2	102	0.00
42	C	1,2-dichloroethane	0.564	0.520	7.8	94	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	90	0.00
44	C	hexane	0.323	0.368	-13.9	123	0.00
45		diisopropyl ether	0.172	0.181	-5.2	113	0.00
46		tert-butyl ethyl ether	0.542	0.564	-4.1	109	0.00
47	s	1,2-dichloroethane-D4	0.221	0.194	12.2	77	0.00
48	C	1,1,1-trichloroethane	0.298	0.279	6.4	96	0.00
49		1,1-dichloropropene	0.306	0.307	-0.3	106	0.00
50	C	benzene	0.703	0.708	-0.7	106	0.00
52	C	carbon tetrachloride	0.266	0.278	-4.5	106	0.00
53		cyclohexane	0.344	0.405	-17.7	128	0.00
54		tert-amyl methyl ether	0.543	0.531	2.2	102	0.00
55		dibromomethane	0.212	0.202	4.7	98	0.00
56	C	1,2-dichloropropane	0.241	0.225	6.6	95	0.00
57		bromodichloromethane	0.343	0.398	-16.0	120	0.00
58	C	1,4-dioxane	0.143	0.159	-11.2	117	0.00
59	C	trichloroethene	0.317	0.304	4.1	100	0.00
60	C	2,2,4-trimethylpentane	1.038	1.196	-15.2	124	0.00
61		methyl methacrylate	0.268	0.266	0.7	99	0.00
62		heptane	0.486	0.443	8.8	94	0.00
63	C	cis-1,3-dichloropropene	0.325	0.350	-7.7	109	0.00
64	C	4-methyl-2-pentanone	0.576	0.534	7.3	94	0.00
65		trans-1,3-dichloropropene	0.237	0.268	-13.1	113	0.00
66	C	1,1,2-trichloroethane	0.276	0.258	6.5	95	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	96	0.00
68	C	toluene	5.691	5.371	5.6	102	0.00
69	s	toluene-D8	5.897	5.279	10.5	85	0.00
71		1,3-dichloropropane	2.716	2.522	7.1	103	0.00
72		2-hexanone	3.877	3.375	12.9	91	0.00
74		dibromochloromethane	2.471	2.719	-10.0	115	0.00
75	C	1,2-dibromoethane	2.826	2.706	4.2	103	0.00
76		butyl acetate	0.649	0.594	8.5	96	0.00
77		octane	2.034	2.024	0.5	110	0.00
78	C	tetrachloroethene	2.330	2.171	6.8	102	0.00
79		1,1,1,2-tetrachloroethane	1.979	1.914	3.3	102	0.00
80	C	chlorobenzene	4.810	4.735	1.6	108	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	7.305	6.844	6.3	100	0.00
83	C	m+p-xylene	5.774	5.511	4.6	101	0.00
84	C	bromoform	1.895	2.138	-12.8	115	0.00
85	C	styrene	4.691	4.657	0.7	104	0.00
86	C	1,1,2,2-tetrachloroethane	4.168	4.584	-10.0	116	0.00
87	C	o-xylene	5.790	5.601	3.3	103	0.00
88		1,2,3-trichloropropane	3.236	3.223	0.4	109	0.00
89		nonane	5.294	4.602	13.1	90	0.00
90	s	bromofluorobenzene	4.124	3.739	9.3	85	0.00
91	C	isopropylbenzene	7.529	7.674	-1.9	110	0.00
92		bromobenzene	4.202	4.367	-3.9	115	0.00
93		2-chlorotoluene	2.333	2.184	6.4	100	0.00
94		n-propylbenzene	2.509	2.488	0.8	108	0.00
95		4-chlorotoluene	2.301	2.200	4.4	103	0.00
96		4-ethyl toluene	7.802	7.989	-2.4	109	0.00
97		1,3,5-trimethylbenzene	6.617	6.809	-2.9	108	0.00
98		tert-butylbenzene	6.974	7.129	-2.2	111	0.00
99		1,2,4-trimethylbenzene	6.547	6.729	-2.8	105	0.00
100		decane	5.262	5.295	-0.6	110	0.00
101	C	Benzyl Chloride	3.067	3.329	-8.5	108	0.00
102		1,3-dichlorobenzene	4.381	4.343	0.9	104	0.00
103	C	1,4-dichlorobenzene	4.305	4.358	-1.2	104	0.00
104		sec-butylbenzene	9.532	9.627	-1.0	106	0.00
106		p-isopropyltoluene	8.387	8.144	2.9	103	0.00
107		1,2-dichlorobenzene	4.183	4.089	2.2	103	0.00
108		n-butylbenzene	7.110	7.284	-2.4	110	0.00
111	C	1,2-dibromo-3-chloropropane	1.448	1.567	-8.2	105	0.00
112		undecane	5.623	5.959	-6.0	113	0.00
114		dodecane	5.419	5.802	-7.1	106	0.00
115	C	1,2,4-trichlorobenzene	2.784	2.711	2.6	95	0.00
116		naphthalene	7.882	8.243	-4.6	101	0.00
117		1,2,3-trichlorobenzene	2.534	2.575	-1.6	99	0.00
119	C	hexachlorobutadiene	2.615	2.402	8.1	98	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.817	49	270133	10.000	ppbV	0.00
Standard Area = 299618			Recovery =		90.16%	
43) 1,4-difluorobenzene	11.030	114	733565	10.000	ppbV	0.00
Standard Area = 812080			Recovery =		90.33%	
67) chlorobenzene-D5	15.792	54	107156	10.000	ppbV	0.00
Standard Area = 111496			Recovery =		96.11%	
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.675	65	142125	8.774	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =		87.74%	
69) toluene-D8	13.875	98	565715	8.953	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =		89.53%	
90) bromofluorobenzene	17.183	95	400663	9.066	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =		90.66%	
Target Compounds						Qvalue
2) chlorodifluoromethane	3.772	51	225134	10.226	ppbV	96
3) propylene	3.796	41	119257M6	9.820	ppbV	
4) propane	3.820	29	170820	11.255	ppbV #	85
5) dichlorodifluoromethane	3.868	85	274026	10.151	ppbV	99
6) chloromethane	4.024	50	119044	8.149	ppbV	94
7) Freon-114	4.126	85	327225	10.303	ppbV	98
8) methanol	4.180	31	340195	38.008	ppbV	96
9) vinyl chloride	4.240	62	139677	10.331	ppbV	100
10) 1,3-butadiene	4.378	54	120241	10.026	ppbV	97
11) butane	4.432	43	185326	8.797	ppbV	95
13) bromomethane	4.642	94	122241	10.569	ppbV	98
14) chloroethane	4.822	64	66193	10.387	ppbV	98
15) ethanol	4.942	31	495944	48.802	ppbV #	84
16) dichlorofluoromethane	4.924	67	221011	9.174	ppbV #	97
17) vinyl bromide	5.183	106	111438	9.403	ppbV	98
18) acrolein	5.303	56	72346	11.387	ppbV	95
19) acetone	5.437	43	972669	46.889	ppbV #	80
20) acetonitrile	5.163	41	108878	9.141	ppbV	95
21) trichlorofluoromethane	5.630	101	228953	9.565	ppbV	100
22) isopropyl alcohol	5.703	45	562892	21.466	ppbV #	97
23) acrylonitrile	5.940	53	139945	11.754	ppbV	98
24) pentane	6.020	43	264593	8.530	ppbV #	93
25) ethyl ether	6.040	31	274447	11.882	ppbV #	85

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) 1,1-dichloroethene	6.312	61	202516	10.473	ppbV		94
27) tertiary butyl alcohol	6.342	59	237011	11.054	ppbV	#	86
28) methylene chloride	6.450	49	197643	10.387	ppbV		94
29) 3-chloropropene	6.576	41	203439	9.707	ppbV		96
30) carbon disulfide	6.744	76	433567	9.889	ppbV		94
31) Freon 113	6.744	101	271403	9.715	ppbV		92
32) trans-1,2-dichloroethene	7.475	61	200426	10.205	ppbV		96
33) 1,1-dichloroethane	7.700	63	239555	9.659	ppbV		97
34) MTBE	7.758	73	339989	10.156	ppbV	#	93
35) vinyl acetate	7.883	43	271702	8.482	ppbV	#	93
36) 2-butanone	8.125	43	313767	8.927	ppbV	#	95
37) cis-1,2-dichloroethene	8.633	61	189100	10.194	ppbV		95
38) Ethyl Acetate	8.900	61	53292	11.121	ppbV	#	51
39) chloroform	8.967	83	276649	10.770	ppbV	#	96
40) Tetrahydrofuran	9.392	42	183158	8.834	ppbV		96
41) 2,2-dichloropropane	8.992	77	179796	10.008	ppbV		89
42) 1,2-dichloroethane	9.792	62	140515	9.223	ppbV		94
44) hexane	8.892	57	270196	11.389	ppbV	#	65
45) diisopropyl ether	8.883	87	133009	10.567	ppbV		72
46) tert-butyl ethyl ether	9.492	59	413707	10.412	ppbV		96
48) 1,1,1-trichloroethane	10.083	97	204846	9.371	ppbV		98
49) 1,1-dichloropropene	10.443	75	225444	10.053	ppbV		92
50) benzene	10.603	78	519232	10.074	ppbV		96
52) carbon tetrachloride	10.777	117	203631	10.452	ppbV		98
53) cyclohexane	10.917	56	297110	11.763	ppbV	#	89
54) tert-amyl methyl ether	11.290	73	389613	9.790	ppbV		93
55) dibromomethane	11.510	93	148541	9.535	ppbV		98
56) 1,2-dichloropropane	11.543	63	165022	9.332	ppbV		97
57) bromodichloromethane	11.770	83	292153	11.600	ppbV		98
58) 1,4-dioxane	11.803	88	116477	11.097	ppbV		98
59) trichloroethene	11.823	130	222839	9.571	ppbV		98
60) 2,2,4-trimethylpentane	11.877	57	877200	11.516	ppbV	#	89
61) methyl methacrylate	12.070	41	194848	9.895	ppbV		95
62) heptane	12.197	43	325335	9.129	ppbV	#	83
63) cis-1,3-dichloropropene	12.833	75	256905	10.789	ppbV		90
64) 4-methyl-2-pentanone	12.867	43	391552	9.271	ppbV	#	86
65) trans-1,3-dichloropropene	13.458	75	196850	11.302	ppbV		93
66) 1,1,2-trichloroethane	13.658	97	189520	9.350	ppbV	#	86
68) toluene	13.992	91	575558	9.438	ppbV		96
71) 1,3-dichloropropane	14.017	76	270214	9.283	ppbV		86

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) 2-hexanone	14.283	43	361637	8.704	ppbV	#	87
74) dibromochloromethane	14.450	129	291368	11.003	ppbV		98
75) 1,2-dibromoethane	14.708	107	289993	9.576	ppbV		98
76) butyl acetate	14.958	73	63679	9.154	ppbV	#	74
77) octane	15.058	85	216890	9.953	ppbV	#	78
78) tetrachloroethene	15.175	166	232614	9.315	ppbV		95
79) 1,1,1,2-tetrachloroethane	15.817	131	205048	9.670	ppbV		98
80) chlorobenzene	15.833	112	507368	9.844	ppbV		99
81) ethylbenzene	16.183	91	733414	9.370	ppbV		97
83) m+p-xylene	16.358	91	1181040	19.089	ppbV		99
84) bromoform	16.417	173	229078	11.282	ppbV		100
85) styrene	16.683	104	498992	9.926	ppbV		95
86) 1,1,2,2-tetrachloroethane	16.775	83	491167	10.997	ppbV		99
87) o-xylene	16.775	91	600174	9.674	ppbV		99
88) 1,2,3-trichloropropane	16.892	75	345340	9.960	ppbV		96
89) nonane	16.983	43	493180	8.693	ppbV	#	83
91) isopropylbenzene	17.300	105	822307	10.193	ppbV		99
92) bromobenzene	17.375	77	467951	10.393	ppbV		94
93) 2-chlorotoluene	17.708	126	234042	9.364	ppbV		95
94) n-propylbenzene	17.733	120	266618	9.919	ppbV		82
95) 4-chlorotoluene	17.767	126	235775	9.564	ppbV		97
96) 4-ethyl toluene	17.858	105	856043	10.239	ppbV		98
97) 1,3,5-trimethylbenzene	17.925	105	729656	10.290	ppbV		99
98) tert-butylbenzene	18.275	119	763947	10.223	ppbV		94
99) 1,2,4-trimethylbenzene	18.275	105	721031	10.278	ppbV		98
100) decane	18.358	57	567365	10.062	ppbV		84
101) Benzyl Chloride	18.392	91	356681	10.851	ppbV		98
102) 1,3-dichlorobenzene	18.400	146	465383	9.912	ppbV		99
103) 1,4-dichlorobenzene	18.458	146	467030	10.123	ppbV		98
104) sec-butylbenzene	18.500	105	1031556	10.099	ppbV		96
106) p-isopropyltoluene	18.625	119	872695	9.711	ppbV		99
107) 1,2-dichlorobenzene	18.742	146	438205	9.776	ppbV		98
108) n-butylbenzene	18.975	91	780496	10.245	ppbV		95
111) 1,2-dibromo-3-chloropr...	19.117	75	167935	10.823	ppbV		95
112) undecane	19.383	57	638578	10.597	ppbV		84
114) dodecane	20.283	57	621732	10.707	ppbV		83
115) 1,2,4-trichlorobenzene	20.217	180	290477	9.737	ppbV		98
116) naphthalene	20.333	128	883291	10.458	ppbV		100
117) 1,2,3-trichlorobenzene	20.583	180	275902	10.161	ppbV		98
119) hexachlorobutadiene	20.650	225	257373	9.184	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
Misc : WG2012830
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2024\12\1220T_I\r1745957.D
Sub List : Default-ICV-AP2 - All compounds listed

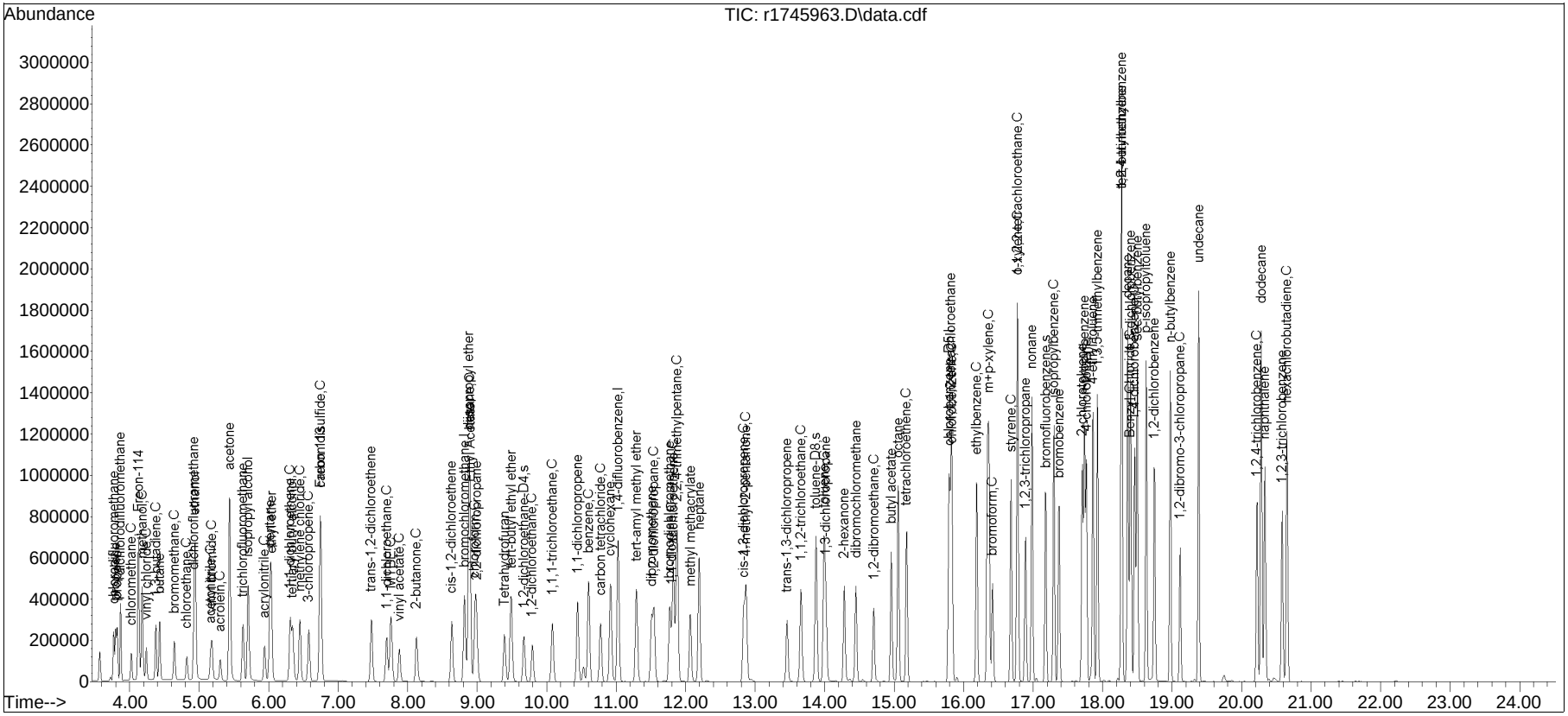
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedI\r1745957.D

Data Path : X:\Airlab\Data\Airlab17\2024\12\1220T_I\
Data File : r1745963.D
Acq On : 21 Dec 2024 12:27 PM
Operator : AIRLAB17:BJB
Sample : CTO15-LLSTD10.0
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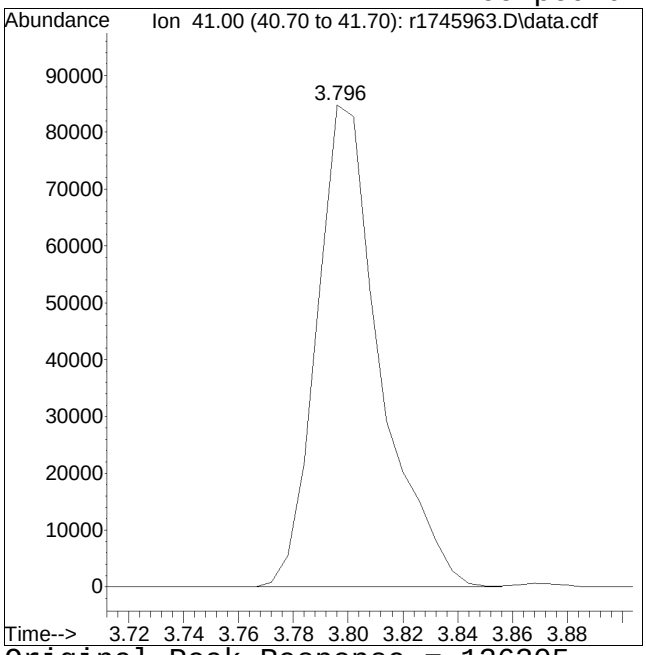
Quant Time: Dec 23 13:55:43 2024
Quant Method : X:\Airlab\Data\Airlab17\2024\12\1220T_I\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
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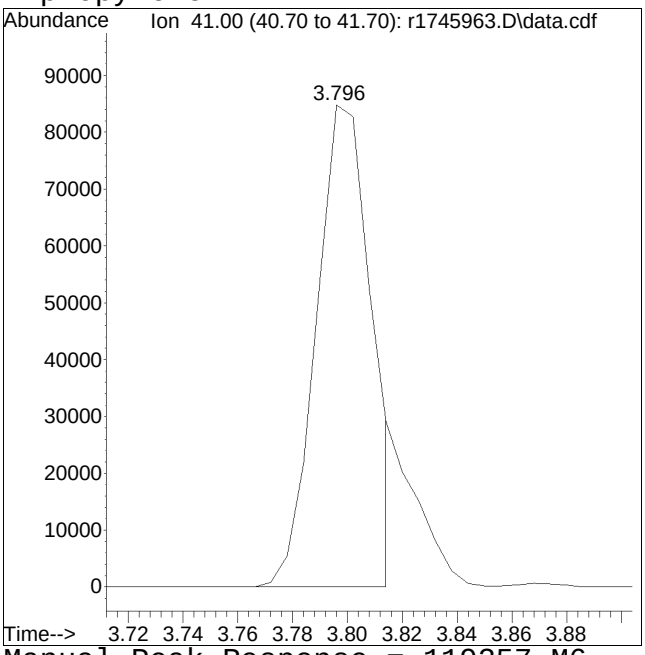
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TFS17_241220.M
Data File : r1745963.D Operator : AIRLAB17:BJB
Date Inj'd : 12/21/2024 12:27 PM Instrument :
Sample : CTO15-LLSTD10.0 Quant Date : 12/23/2024 1:55 pm

Compound #3: propylene



Original Peak Response = 136305



Manual Peak Response = 119257 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: AKRF, Inc.		Lab Number	: L2508885	
Project Name	: 3200 JEROME AVE		Project Number	: 11455	
Instrument ID	: AIRLAB17		Calibration Date	: 03/03/25 11:56	
Lab File ID	: R1747392		Init. Calib. Date(s)	: 12/21/24	12/21/24
Sample No	: WG2036206-2		Init. Calib. Times	: 03:40	08:14
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	84	-.03
chlorodifluoromethane	0.815	0.673	-	17.4	30	78	-.02
propylene	0.45	0.418	-	7.1	30	88	-.02
propane	0.562	0.464	-	17.4	30	80	-.02
dichlorodifluoromethane	0.999	0.744	-	25.5	30	69	-.02
chloromethane	0.541	0.376	-	30.5*	30	65	-.02
Freon-114	1.176	0.976	-	17	30	76	-.02
methanol	0.331	0.191	-	42.3*	30	58	-.02
vinyl chloride	0.501	0.4	-	20.2	30	77	-.02
1,3-butadiene	0.444	0.336	-	24.3	30	74	-.02
butane	0.78	0.601	-	22.9	30	72	-.02
bromomethane	0.428	0.353	-	17.5	30	79	-.02
chloroethane	0.236	0.189	-	19.9	30	79	-.02
ethanol	0.376	0.308	-	18.1	30	73	-.03
dichlorofluoromethane	0.892	0.662	-	25.8	30	72	-.03
vinyl bromide	0.439	0.34	-	22.6	30	77	-.03
acrolein	0.235	0.166	-	29.4	30	69	-.03
acetone	0.768	0.515	-	32.9*	30	64	-.03
acetonitrile	0.441	0.345	-	21.8	30	77	-.03
trichlorofluoromethane	0.886	0.946	-	-6.8	30	100	-.03
isopropyl alcohol	0.971	1.124	-	-15.8	30	98	-.03
acrylonitrile	0.441	0.425	-	3.6	30	97	-.03
pentane	1.148	1.233	-	-7.4	30	102	-.03
ethyl ether	0.855	0.764	-	10.6	30	91	-.03
1,1-dichloroethene	0.716	0.873	-	-21.9	30	116	-.03
tertiary butyl alcohol	0.794	0.807	-	-1.6	30	100	-.03
methylene chloride	0.704	0.727	-	-3.3	30	102	-.03
3-chloropropene	0.776	0.92	-	-18.6	30	113	-.04
carbon disulfide	1.623	1.671	-	-3	30	98	-.04
Freon 113	1.034	1.223	-	-18.3	30	112	-.04
trans-1,2-dichloroethene	0.727	0.854	-	-17.5	30	114	-.03
1,1-dichloroethane	0.918	1.127	-	-22.8	30	115	-.03
MTBE	1.239	1.229	-	0.8	30	96	-.03
vinyl acetate	1.186	1.071	-	9.7	30	82	-.03
2-butanone	1.301	1.438	-	-10.5	30	104	-.03
cis-1,2-dichloroethene	0.687	0.838	-	-22	30	115	-.03
Ethyl Acetate	0.177	0.227	-	-28.2	30	120	-.03
chloroform	0.951	1.077	-	-13.2	30	109	-.04
Tetrahydrofuran	0.767	0.831	-	-8.3	30	102	-.03
2,2-dichloropropane	0.665	0.688	-	-3.5	30	98	-.03
1,2-dichloroethane	0.564	0.654	-	-16	30	110	-.03
1,4-difluorobenzene	1	1	-	0	30	86	-.03
hexane	0.323	0.373	-	-15.5	30	119	-.03

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: AKRF, Inc.		Lab Number	: L2508885	
Project Name	: 3200 JEROME AVE		Project Number	: 11455	
Instrument ID	: AIRLAB17		Calibration Date	: 03/03/25 11:56	
Lab File ID	: R1747392		Init. Calib. Date(s)	: 12/21/24	12/21/24
Sample No	: WG2036206-2		Init. Calib. Times	: 03:40	08:14
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.172	0.174	-	-1.2	30	103	-.03
tert-butyl ethyl ether	0.542	0.554	-	-2.2	30	102	-.03
1,1,1-trichloroethane	0.298	0.329	-	-10.4	30	108	-.03
1,1-dichloropropene	0.306	0.309	-	-1	30	101	-.04
benzene	0.703	0.715	-	-1.7	30	102	-.03
carbon tetrachloride	0.266	0.322	-	-21.1	30	117	-.03
cyclohexane	0.344	0.369	-	-7.3	30	111	-.04
tert-amyl methyl ether	0.543	0.497	-	8.5	30	91	-.03
dibromomethane	0.212	0.25	-	-17.9	30	115	-.03
1,2-dichloropropane	0.241	0.287	-	-19.1	30	116	-.03
bromodichloromethane	0.343	0.403	-	-17.5	30	116	-.03
1,4-dioxane	0.143	0.164	-	-14.7	30	115	-.03
trichloroethene	0.317	0.362	-	-14.2	30	113	-.03
2,2,4-trimethylpentane	1.038	1.178	-	-13.5	30	117	-.03
methyl methacrylate	0.268	0.329	-	-22.8	30	117	-.03
heptane	0.486	0.545	-	-12.1	30	110	-.03
cis-1,3-dichloropropene	0.325	0.357	-	-9.8	30	106	-.03
4-methyl-2-pentanone	0.576	0.639	-	-10.9	30	107	-.03
trans-1,3-dichloropropene	0.237	0.276	-	-16.5	30	110	-.03
1,1,2-trichloroethane	0.276	0.32	-	-15.9	30	113	-.03
chlorobenzene-D5	1	1	-	0	30	88	-.02
toluene	5.691	6.359	-	-11.7	30	110	-.03
1,3-dichloropropane	2.716	2.751	-	-1.3	30	103	-.03
2-hexanone	3.877	3.989	-	-2.9	30	99	-.03
dibromochloromethane	2.471	3.3	-	-33.5*	30	128	-.02
1,2-dibromoethane	2.826	3.271	-	-15.7	30	114	-.03
butyl acetate	0.649	0.592	-	8.8	30	88	-.03
octane	2.034	2.104	-	-3.4	30	105	-.03
tetrachloroethene	2.33	2.586	-	-11	30	111	-.03
1,1,1,2-tetrachloroethane	1.979	2.407	-	-21.6	30	118	-.03
chlorobenzene	4.81	5.496	-	-14.3	30	115	-.03
ethylbenzene	7.305	8.408	-	-15.1	30	112	-.02
m+p-xylene	5.774	6.917	-	-19.8	30	116	-.03
bromoform	1.895	2.635	-	-39.1*	30	130	-.03
styrene	4.691	5.48	-	-16.8	30	112	-.02
1,1,2,2-tetrachloroethane	4.168	5.277	-	-26.6	30	122	-.02
o-xylene	5.79	7.074	-	-22.2	30	119	-.02
1,2,3-trichloropropane	3.236	3.597	-	-11.2	30	111	-.02
nonane	5.294	5.802	-	-9.6	30	104	-.03
isopropylbenzene	7.529	8.833	-	-17.3	30	116	-.03
bromobenzene	4.202	4.606	-	-9.6	30	111	-.02
2-chlorotoluene	2.333	2.703	-	-15.9	30	114	-.02
n-propylbenzene	2.509	2.994	-	-19.3	30	119	-.03

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2508885
Project Name	: 3200 JEROME AVE	**Project Number**	: 11455
Instrument ID	: AIRLAB17	**Calibration Date**	: 03/03/25 11:56
Lab File ID	: R1747392	**Init. Calib. Date(s)**	: 12/21/24 12/21/24
Sample No	: WG2036206-2	**Init. Calib. Times**	: 03:40 08:14
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.301	2.655	-	-15.4	30	114	-.02
4-ethyl toluene	7.802	9.305	-	-19.3	30	116	-.03
1,3,5-trimethylbenzene	6.617	8.147	-	-23.1	30	119	-.02
tert-butylbenzene	6.974	8.111	-	-16.3	30	116	-.02
1,2,4-trimethylbenzene	6.547	8.005	-	-22.3	30	114	-.02
decane	5.262	5.914	-	-12.4	30	112	-.02
Benzyl Chloride	3.067	3.644	-	-18.8	30	108	-.02
1,3-dichlorobenzene	4.381	5.389	-	-23	30	118	-.03
1,4-dichlorobenzene	4.305	5.187	-	-20.5	30	114	-.02
sec-butylbenzene	9.532	11.092	-	-16.4	30	112	-.02
p-isopropyltoluene	8.387	8.533	-	-1.7	30	99	-.02
1,2-dichlorobenzene	4.183	4.889	-	-16.9	30	112	-.02
n-butylbenzene	7.11	8.301	-	-16.8	30	114	-.02
1,2-dibromo-3-chloropropan	1.448	1.585	-	-9.5	30	98	-.02
undecane	5.623	6.172	-	-9.8	30	107	-.02
dodecane	5.419	5.775	-	-6.6	30	97	-.02
1,2,4-trichlorobenzene	2.784	2.896	-	-4	30	93	-.03
naphthalene	7.882	8.664	-	-9.9	30	97	-.02
1,2,3-trichlorobenzene	2.534	2.688	-	-6.1	30	95	-.02
hexachlorobutadiene	2.615	2.793	-	-6.8	30	104	-.02

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	84	-0.03
2		chlorodifluoromethane	0.815	0.673	17.4	78	-0.02
3		propylene	0.450	0.418	7.1	88	-0.02
4		propane	0.562	0.464	17.4	80	-0.02
5		dichlorodifluoromethane	0.999	0.744	25.5	69	-0.02
6	C	chloromethane	0.541	0.376	30.5#	65	-0.02
7		Freon-114	1.176	0.976	17.0	76	-0.02
8	C	methanol	0.331	0.191	42.3#	58#	-0.02
9	C	vinyl chloride	0.501	0.400	20.2	77	-0.02
10	C	1,3-butadiene	0.444	0.336	24.3	74	-0.02
11		butane	0.780	0.601	22.9	72	-0.02
13	C	bromomethane	0.428	0.353	17.5	79	-0.02
14	C	chloroethane	0.236	0.189	19.9	79	-0.02
15		ethanol	0.376	0.308	18.1	73	-0.03
16		dichlorofluoromethane	0.892	0.662	25.8	72	-0.03
17	C	vinyl bromide	0.439	0.340	22.6	77	-0.03
18	C	acrolein	0.235	0.166	29.4	69	-0.03
19		acetone	0.768	0.515	32.9#	64	-0.03
20	C	acetonitrile	0.441	0.345	21.8	77	-0.03
21		trichlorofluoromethane	0.886	0.946	-6.8	100	-0.03
22		isopropyl alcohol	0.971	1.124	-15.8	98	-0.03
23	C	acrylonitrile	0.441	0.425	3.6	97	-0.03
24		pentane	1.148	1.233	-7.4	102	-0.03
25		ethyl ether	0.855	0.764	10.6	91	-0.03
26	C	1,1-dichloroethene	0.716	0.873	-21.9	116	-0.03
27		tertiary butyl alcohol	0.794	0.807	-1.6	100	-0.03
28	C	methylene chloride	0.704	0.727	-3.3	102	-0.03
29	C	3-chloropropene	0.776	0.920	-18.6	113	-0.04
30	C	carbon disulfide	1.623	1.671	-3.0	98	-0.04
31		Freon 113	1.034	1.223	-18.3	112	-0.04
32		trans-1,2-dichloroethene	0.727	0.854	-17.5	114	-0.03
33	C	1,1-dichloroethane	0.918	1.127	-22.8	115	-0.03
34	C	MTBE	1.239	1.229	0.8	96	-0.03
35	C	vinyl acetate	1.186	1.071	9.7	82	-0.03
36	C	2-butanone	1.301	1.438	-10.5	104	-0.03
37		cis-1,2-dichloroethene	0.687	0.838	-22.0	115	-0.03
38		Ethyl Acetate	0.177	0.227	-28.2	120	-0.03
39	C	chloroform	0.951	1.077	-13.2	109	-0.04
40		Tetrahydrofuran	0.767	0.831	-8.3	102	-0.03

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	0.665	0.688	-3.5	98	-0.03
42	C	1,2-dichloroethane	0.564	0.654	-16.0	110	-0.03
43	I	1,4-difluorobenzene	1.000	1.000	0.0	86	-0.03
44	C	hexane	0.323	0.373	-15.5	119	-0.03
45		diisopropyl ether	0.172	0.174	-1.2	103	-0.03
46		tert-butyl ethyl ether	0.542	0.554	-2.2	102	-0.03
48	C	1,1,1-trichloroethane	0.298	0.329	-10.4	108	-0.03
49		1,1-dichloropropene	0.306	0.309	-1.0	101	-0.04
50	C	benzene	0.703	0.715	-1.7	102	-0.03
52	C	carbon tetrachloride	0.266	0.322	-21.1	117	-0.03
53		cyclohexane	0.344	0.369	-7.3	111	-0.04
54		tert-amyl methyl ether	0.543	0.497	8.5	91	-0.03
55		dibromomethane	0.212	0.250	-17.9	115	-0.03
56	C	1,2-dichloropropane	0.241	0.287	-19.1	116	-0.03
57		bromodichloromethane	0.343	0.403	-17.5	116	-0.03
58	C	1,4-dioxane	0.143	0.164	-14.7	115	-0.03
59	C	trichloroethene	0.317	0.362	-14.2	113	-0.03
60	C	2,2,4-trimethylpentane	1.038	1.178	-13.5	117	-0.03
61		methyl methacrylate	0.268	0.329	-22.8	117	-0.03
62		heptane	0.486	0.545	-12.1	110	-0.03
63	C	cis-1,3-dichloropropene	0.325	0.357	-9.8	106	-0.03
64	C	4-methyl-2-pentanone	0.576	0.639	-10.9	107	-0.03
65		trans-1,3-dichloropropene	0.237	0.276	-16.5	110	-0.03
66	C	1,1,2-trichloroethane	0.276	0.320	-15.9	113	-0.03
67	I	chlorobenzene-D5	1.000	1.000	0.0	88	-0.02
68	C	toluene	5.691	6.359	-11.7	110	-0.03
71		1,3-dichloropropane	2.716	2.751	-1.3	103	-0.03
72		2-hexanone	3.877	3.989	-2.9	99	-0.03
74		dibromochloromethane	2.471	3.300	-33.5#	128	-0.02
75	C	1,2-dibromoethane	2.826	3.271	-15.7	114	-0.03
76		butyl acetate	0.649	0.592	8.8	88	-0.03
77		octane	2.034	2.104	-3.4	105	-0.03
78	C	tetrachloroethene	2.330	2.586	-11.0	111	-0.03
79		1,1,1,2-tetrachloroethane	1.979	2.407	-21.6	118	-0.03
80	C	chlorobenzene	4.810	5.496	-14.3	115	-0.03
81	C	ethylbenzene	7.305	8.408	-15.1	112	-0.02
83	C	m+p-xylene	5.774	6.917	-19.8	116	-0.03

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	1.895	2.635	-39.1#	130	-0.03
85	C	styrene	4.691	5.480	-16.8	112	-0.02
86	C	1,1,2,2-tetrachloroethane	4.168	5.277	-26.6	122	-0.02
87	C	o-xylene	5.790	7.074	-22.2	119	-0.02
88		1,2,3-trichloropropane	3.236	3.597	-11.2	111	-0.02
89		nonane	5.294	5.802	-9.6	104	-0.03
91	C	isopropylbenzene	7.529	8.833	-17.3	116	-0.03
92		bromobenzene	4.202	4.606	-9.6	111	-0.02
93		2-chlorotoluene	2.333	2.703	-15.9	114	-0.02
94		n-propylbenzene	2.509	2.994	-19.3	119	-0.03
95		4-chlorotoluene	2.301	2.655	-15.4	114	-0.02
96		4-ethyl toluene	7.802	9.305	-19.3	116	-0.03
97		1,3,5-trimethylbenzene	6.617	8.147	-23.1	119	-0.02
98		tert-butylbenzene	6.974	8.111	-16.3	116	-0.02
99		1,2,4-trimethylbenzene	6.547	8.005	-22.3	114	-0.02
100		decane	5.262	5.914	-12.4	112	-0.02
101	C	Benzyl Chloride	3.067	3.644	-18.8	108	-0.02
102		1,3-dichlorobenzene	4.381	5.389	-23.0	118	-0.03
103	C	1,4-dichlorobenzene	4.305	5.187	-20.5	114	-0.02
104		sec-butylbenzene	9.532	11.092	-16.4	112	-0.02
106		p-isopropyltoluene	8.387	8.533	-1.7	99	-0.02
107		1,2-dichlorobenzene	4.183	4.889	-16.9	112	-0.02
108		n-butylbenzene	7.110	8.301	-16.8	114	-0.02
111	C	1,2-dibromo-3-chloropropane	1.448	1.585	-9.5	98	-0.02
112		undecane	5.623	6.172	-9.8	107	-0.02
114		dodecane	5.419	5.775	-6.6	97	-0.02
115	C	1,2,4-trichlorobenzene	2.784	2.896	-4.0	93	-0.03
116		naphthalene	7.882	8.664	-9.9	97	-0.02
117		1,2,3-trichlorobenzene	2.534	2.688	-6.1	95	-0.02
119	C	hexachlorobutadiene	2.615	2.793	-6.8	104	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 3

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.783	49	252892	10.000	ppbV	-0.03
Standard Area = 252892			Recovery = 100.00%			
43) 1,4-difluorobenzene	10.997	114	698345	10.000	ppbV	-0.03
Standard Area = 698345			Recovery = 100.00%			
67) chlorobenzene-D5	15.767	54	98126	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	3.748	51	170314	8.263	ppbV	95
3) propylene	3.778	41	105726M6	9.299	ppbV	
4) propane	3.802	29	117398	8.263	ppbV	98
5) dichlorodifluoromethane	3.844	85	188189	7.447	ppbV	98
6) chloromethane	4.000	50	95210	6.962	ppbV	100
7) Freon-114	4.102	85	246796	8.301	ppbV	98
8) methanol	4.156	31	241192	28.784	ppbV	95
9) vinyl chloride	4.216	62	101188	7.994	ppbV	99
10) 1,3-butadiene	4.354	54	84866	7.559	ppbV	94
11) butane	4.408	43	151894	7.701	ppbV	99
13) bromomethane	4.618	94	89196	8.238	ppbV	98
14) chloroethane	4.798	64	47917	8.031	ppbV	99
15) ethanol	4.912	31	389461	40.937	ppbV	95
16) dichlorofluoromethane	4.900	67	167487	7.426	ppbV	100
17) vinyl bromide	5.157	106	86034	7.754	ppbV	100
18) acrolein	5.277	56	42075	7.074	ppbV	96
19) acetone	5.407	43	651756	33.561	ppbV #	85
20) acetonitrile	5.137	41	87205	7.821	ppbV	100
21) trichlorofluoromethane	5.600	101	239126	10.671	ppbV	98
22) isopropyl alcohol	5.673	45	710639	28.949	ppbV	100
23) acrylonitrile	5.910	53	107586	9.652	ppbV	98
24) pentane	5.987	43	311875	10.740	ppbV	99
25) ethyl ether	6.007	31	193234	8.936	ppbV	94
26) 1,1-dichloroethene	6.282	61	220883	12.201	ppbV	97
27) tertiary butyl alcohol	6.318	59	204074	10.167	ppbV	94
28) methylene chloride	6.420	49	183938	10.326	ppbV	89
29) 3-chloropropene	6.546	41	232751	11.863	ppbV	97
30) carbon disulfide	6.708	76	422628	10.296	ppbV	99
31) Freon 113	6.714	101	309271	11.825	ppbV	98

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	7.450	61	215899	11.743	ppbV	95
33) 1,1-dichloroethane	7.667	63	284972	12.274	ppbV	95
34) MTBE	7.725	73	310835	9.918	ppbV	97
35) vinyl acetate	7.850	43	270913	9.034	ppbV	100
36) 2-butanone	8.100	43	363751	11.055	ppbV	98
37) cis-1,2-dichloroethene	8.600	61	211817	12.197	ppbV	96
38) Ethyl Acetate	8.867	61	57321	12.777	ppbV	71
39) chloroform	8.933	83	272239	11.321	ppbV	98
40) Tetrahydrofuran	9.358	42	210181	10.829	ppbV	95
41) 2,2-dichloropropane	8.958	77	173917	10.341	ppbV	98
42) 1,2-dichloroethane	9.758	62	165370	11.594	ppbV	97
44) hexane	8.858	57	260807	11.548	ppbV	86
45) diisopropyl ether	8.850	87	121759	10.161	ppbV	88
46) tert-butyl ethyl ether	9.458	59	387219	10.237	ppbV	98
48) 1,1,1-trichloroethane	10.050	97	230034	11.055	ppbV	96
49) 1,1-dichloropropene	10.410	75	216111	10.123	ppbV	95
50) benzene	10.570	78	499597	10.182	ppbV	100
52) carbon tetrachloride	10.743	117	224652	12.112	ppbV	97
53) cyclohexane	10.883	56	257925	10.727	ppbV	99
54) tert-amyl methyl ether	11.263	73	347178	9.163	ppbV	97
55) dibromomethane	11.477	93	174353	11.756	ppbV	94
56) 1,2-dichloropropane	11.510	63	200386	11.903	ppbV	99
57) bromodichloromethane	11.737	83	281132	11.725	ppbV	100
58) 1,4-dioxane	11.770	88	114769	11.486	ppbV	100
59) trichloroethene	11.790	130	252626	11.398	ppbV	98
60) 2,2,4-trimethylpentane	11.843	57	822483	11.342	ppbV	100
61) methyl methacrylate	12.037	41	229665	12.251	ppbV	97
62) heptane	12.163	43	380436	11.213	ppbV	96
63) cis-1,3-dichloropropene	12.808	75	249218	10.994	ppbV	100
64) 4-methyl-2-pentanone	12.842	43	446052	11.094	ppbV	97
65) trans-1,3-dichloropropene	13.433	75	192729	11.624	ppbV	97
66) 1,1,2-trichloroethane	13.625	97	223344	11.575	ppbV	98
68) toluene	13.958	91	623969	11.174	ppbV	99
71) 1,3-dichloropropane	13.992	76	269927	10.126	ppbV	98
72) 2-hexanone	14.258	43	391383	10.287	ppbV	98
74) dibromochloromethane	14.425	129	323773	13.351	ppbV	98
75) 1,2-dibromoethane	14.675	107	320935	11.573	ppbV	99
76) butyl acetate	14.933	73	58120	9.124	ppbV	89
77) octane	15.033	85	206461	10.347	ppbV	97
78) tetrachloroethene	15.158	166	253757	11.096	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

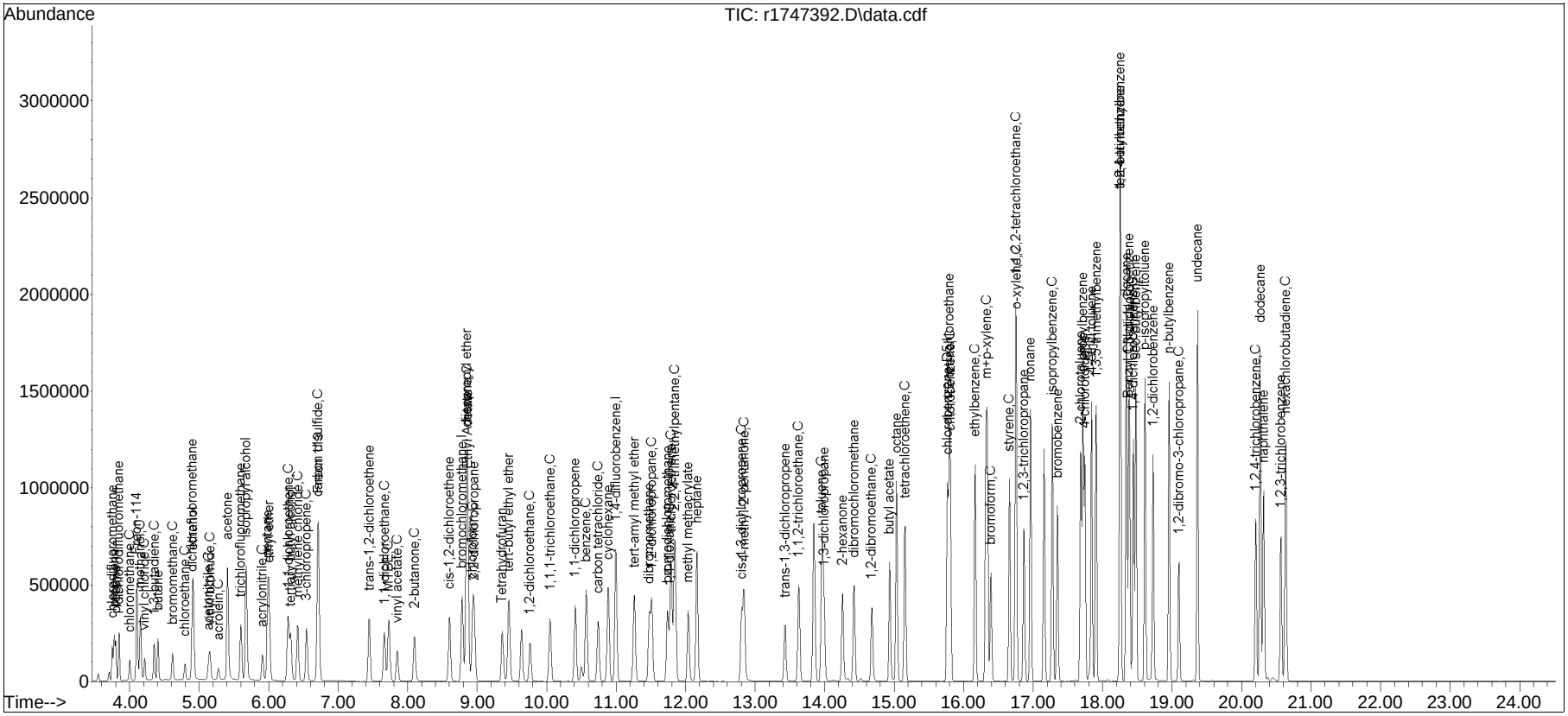
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	15.792	131	236201	12.165	ppbV	96
80) chlorobenzene	15.808	112	539277	11.425	ppbV	98
81) ethylbenzene	16.167	91	824998	11.510	ppbV	99
83) m+p-xylene	16.333	91	1357500	23.961	ppbV	97
84) bromoform	16.392	173	258594	13.907	ppbV	100
85) styrene	16.658	104	537730	11.681	ppbV	99
86) 1,1,2,2-tetrachloroethane	16.750	83	517840	12.661	ppbV	98
87) o-xylene	16.758	91	694153	12.218	ppbV	95
88) 1,2,3-trichloropropane	16.867	75	352927	11.115	ppbV	99
89) nonane	16.958	43	569362	10.960	ppbV	93
91) isopropylbenzene	17.275	105	866739	11.732	ppbV	97
92) bromobenzene	17.350	77	452008	10.963	ppbV	95
93) 2-chlorotoluene	17.683	126	265227	11.588	ppbV	95
94) n-propylbenzene	17.717	120	293829	11.937	ppbV	89
95) 4-chlorotoluene	17.742	126	260531	11.541	ppbV	97
96) 4-ethyl toluene	17.842	105	913036	11.925	ppbV	97
97) 1,3,5-trimethylbenzene	17.908	105	799407	12.311	ppbV	99
98) tert-butylbenzene	18.250	119	795925	11.631	ppbV	99
99) 1,2,4-trimethylbenzene	18.250	105	785467	12.227	ppbV	96
100) decane	18.342	57	580316	11.239	ppbV	95
101) Benzyl Chloride	18.375	91	357532	11.878	ppbV	98
102) 1,3-dichlorobenzene	18.383	146	528826	12.300	ppbV	97
103) 1,4-dichlorobenzene	18.442	146	508935	12.046	ppbV	97
104) sec-butylbenzene	18.475	105	1088388	11.636	ppbV	99
106) p-isopropyltoluene	18.608	119	837310	10.174	ppbV	94
107) 1,2-dichlorobenzene	18.725	146	479776	11.688	ppbV	97
108) n-butylbenzene	18.958	91	814592	11.676	ppbV	98
111) 1,2-dibromo-3-chloropr...	19.100	75	155550	10.948	ppbV	95
112) undecane	19.367	57	605678	10.976	ppbV	96
114) dodecane	20.267	57	566719	10.658	ppbV	97
115) 1,2,4-trichlorobenzene	20.200	180	284186	10.403	ppbV	96
116) naphthalene	20.317	128	850134	10.992	ppbV	99
117) 1,2,3-trichlorobenzene	20.567	180	263718	10.606	ppbV	98
119) hexachlorobutadiene	20.633	225	274023	10.677	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedr1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-2,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

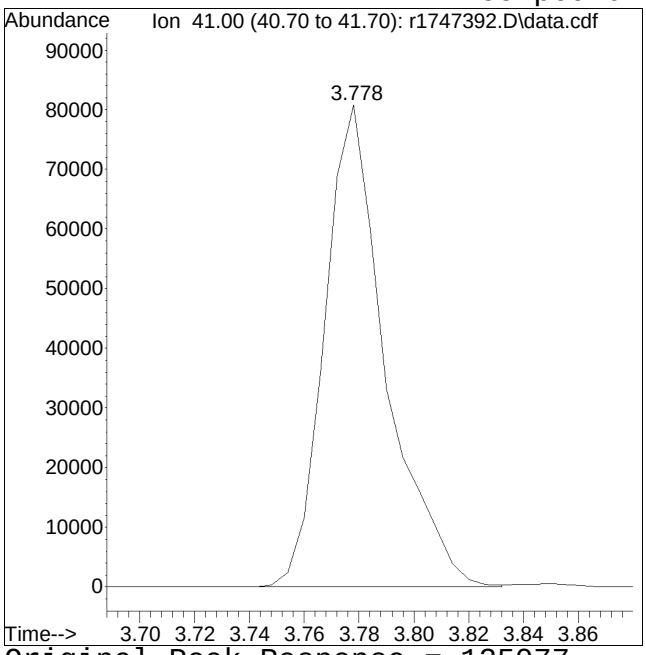


Manual Integration Report

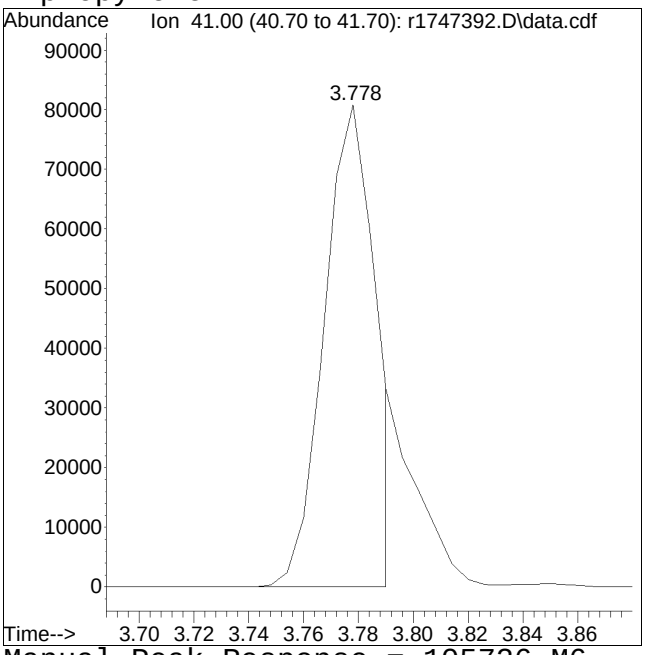
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1747392.D
Date Inj'd : 3/3/2025 11:56 AM
Sample : WG2036206-2,3,250,250

Method : TFS17_241220.M
Operator : AIRLAB17:TPH
Instrument :
Quant Date : 3/3/2025 1:09 pm

Compound #3: propylene



Original Peak Response = 125077



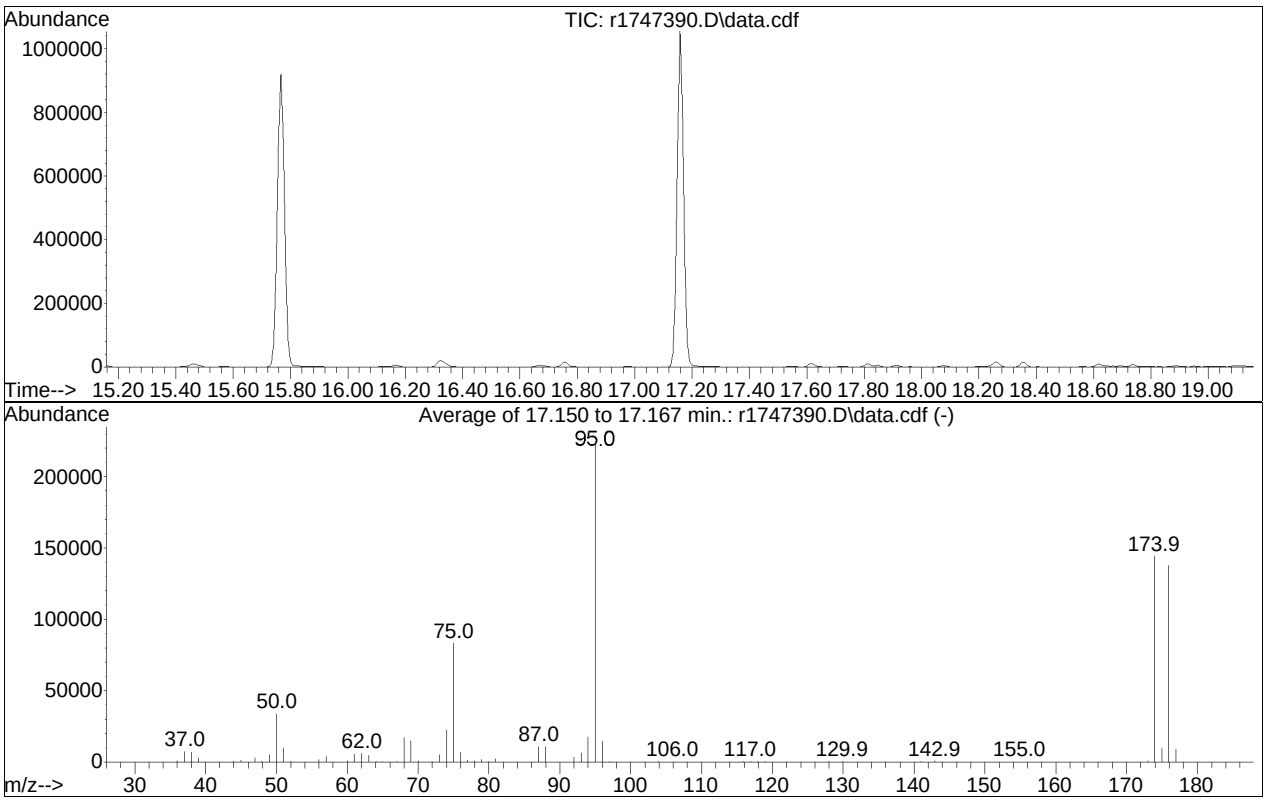
Manual Peak Response = 105726 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747390.D
Acq On : 3 Mar 2025 10:35 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-1,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Dec 23 13:55:18 2024



Spectrum Information: Average of 17.150 to 17.167 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	15.2	33965	PASS
75	95	30	66	37.2	83357	PASS
95	95	100	100	100.0	223782	PASS
96	95	5	9	6.5	14612	PASS
173	174	0.00	2	0.6	804	PASS
174	95	50	120	64.5	144369	PASS
175	174	4	9	6.9	10008	PASS
176	174	93	101	95.4	137723	PASS
177	176	5	9	6.5	8954	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747394.D
Acq On : 3 Mar 2025 2:19 PM
Operator : AIRLAB17:TPH
Sample : WG2036206-4,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:22:43 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.783	49	241477	10.000	ppbV	-0.03
Standard Area = 252892			Recovery =		95.49%	
43) 1,4-difluorobenzene	11.003	114	631248	10.000	ppbV	-0.03
Standard Area = 698345			Recovery =		90.39%	
67) chlorobenzene-D5	15.775	54	95845	10.000	ppbV	-0.02
Standard Area = 98126			Recovery =		97.68%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.936	31	931	0.102	ppbV	94
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.437	43	2308	0.124	ppbV #	96
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	5.707	45	2833	0.121	ppbV #	90
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	6.360		0	N.D.		
28) methylene chloride	6.420		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	6.708		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.142		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747394.D
Acq On : 3 Mar 2025 2:19 PM
Operator : AIRLAB17:TPH
Sample : WG2036206-4,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:22:43 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	0.000		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	12.908		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	0.000		0	N.D.		
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	15.808		0	N.D.		
81) ethylbenzene	0.000		0	N.D.		
83) m+p-xylene	0.000		0	N.D.		
84) bromoform	16.400		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	16.767		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	17.850		0	N.D.		
97) 1,3,5-trimethylbenzene	17.925		0	N.D.		
99) 1,2,4-trimethylbenzene	18.258		0	N.D.		
101) Benzyl Chloride	18.258		0	N.D.		
102) 1,3-dichlorobenzene	18.392		0	N.D.		
103) 1,4-dichlorobenzene	18.450		0	N.D.		
107) 1,2-dichlorobenzene	18.733		0	N.D.		
115) 1,2,4-trichlorobenzene	20.225		0	N.D.		
119) hexachlorobutadiene	20.642		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747394.D
Acq On : 3 Mar 2025 2:19 PM
Operator : AIRLAB17:TPH
Sample : WG2036206-4,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:22:43 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

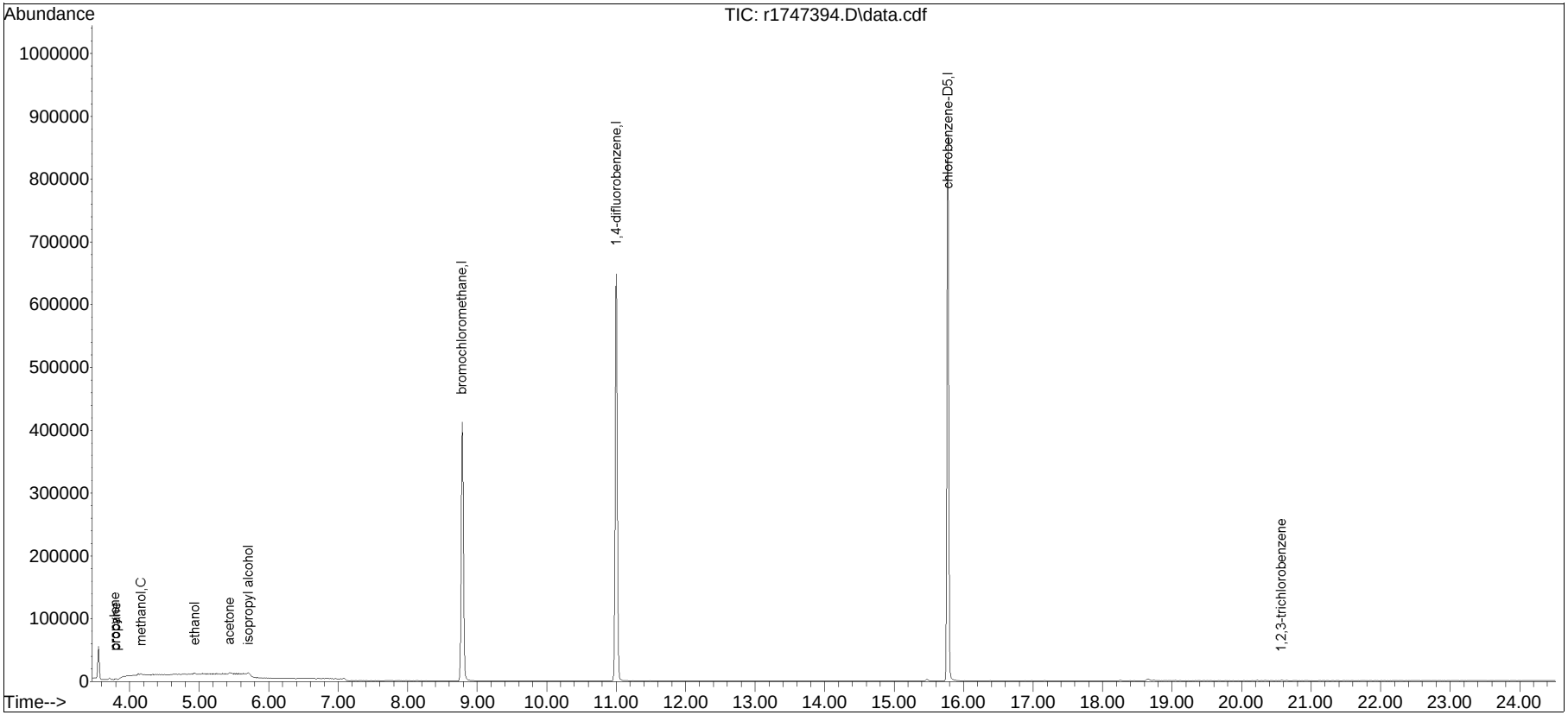
CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

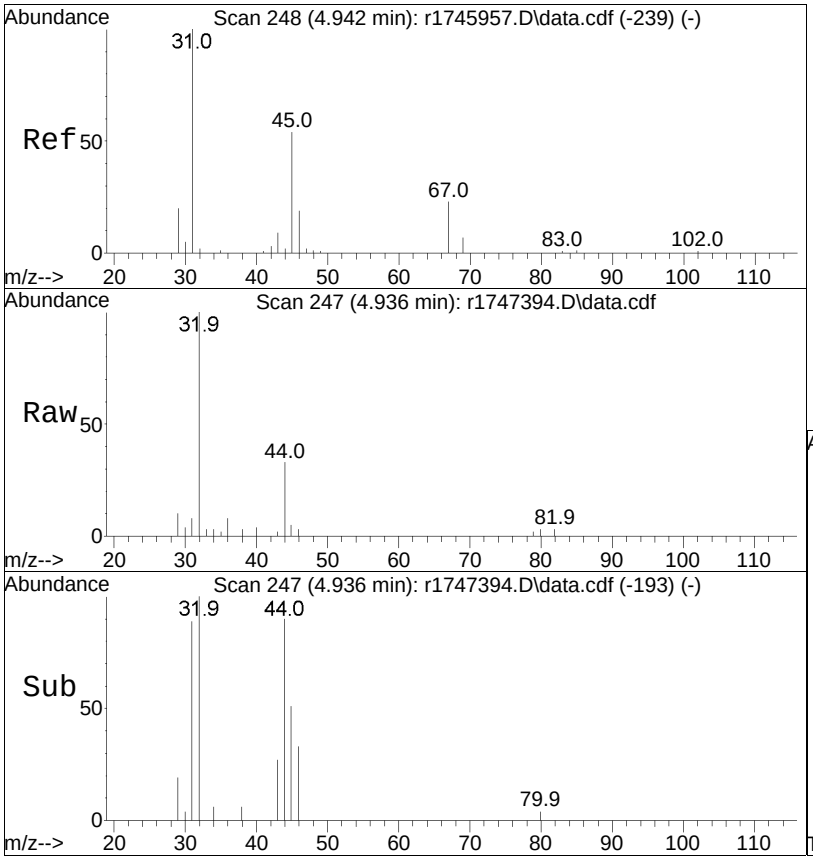
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedr1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747394.D
Acq On : 3 Mar 2025 2:19 PM
Operator : AIRLAB17:TPH
Sample : WG2036206-4,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 07:22:43 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

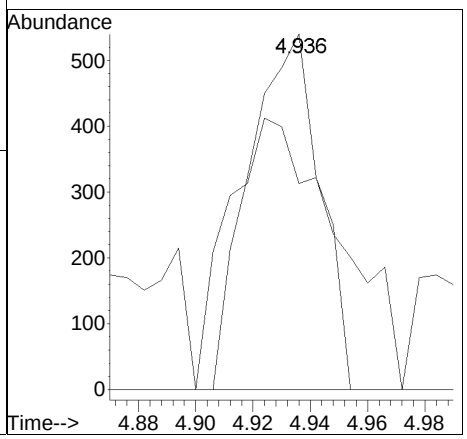


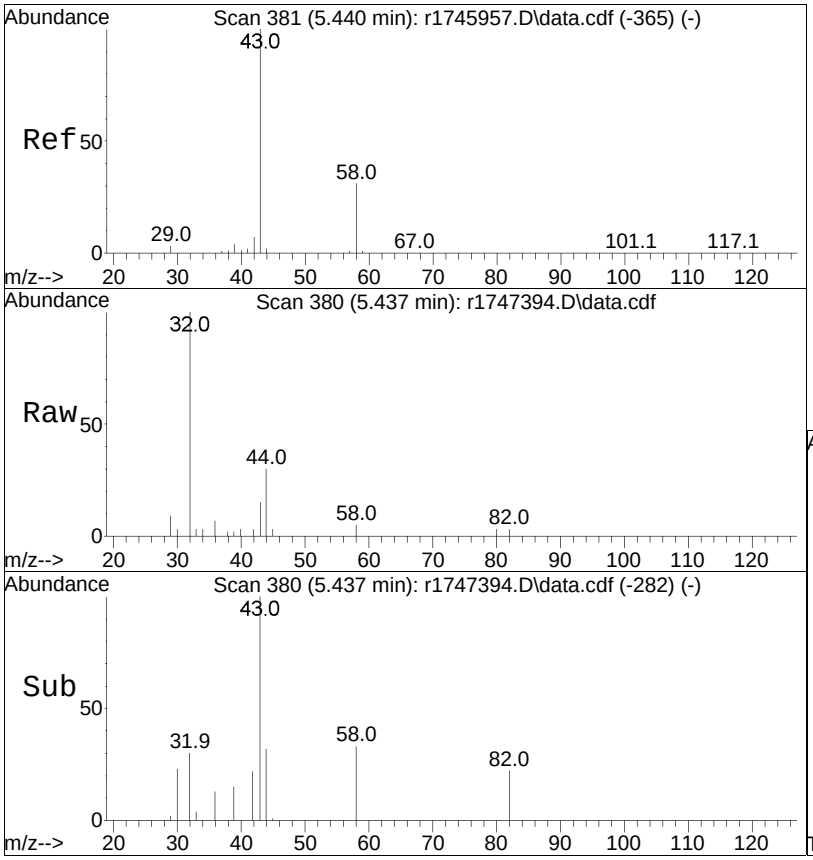


#15
ethanol
Concen: 0.10 ppbV
RT: 4.936 min Scan# 247
Delta R.T. -0.006 min
Lab File: r1747394.D
Acq: 3 Mar 2025 2:19 PM

Tgt Ion: 31 Resp: 931

Ion	Ratio	Lower	Upper
31	100		
45	58.0	43.0	64.6

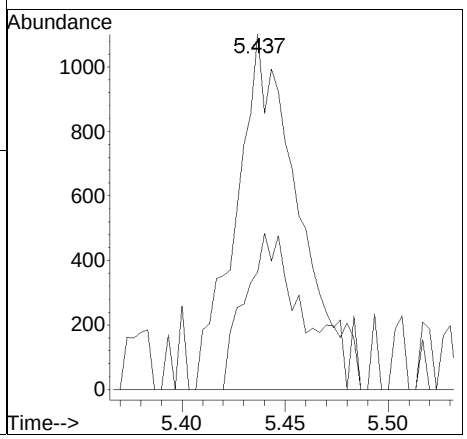


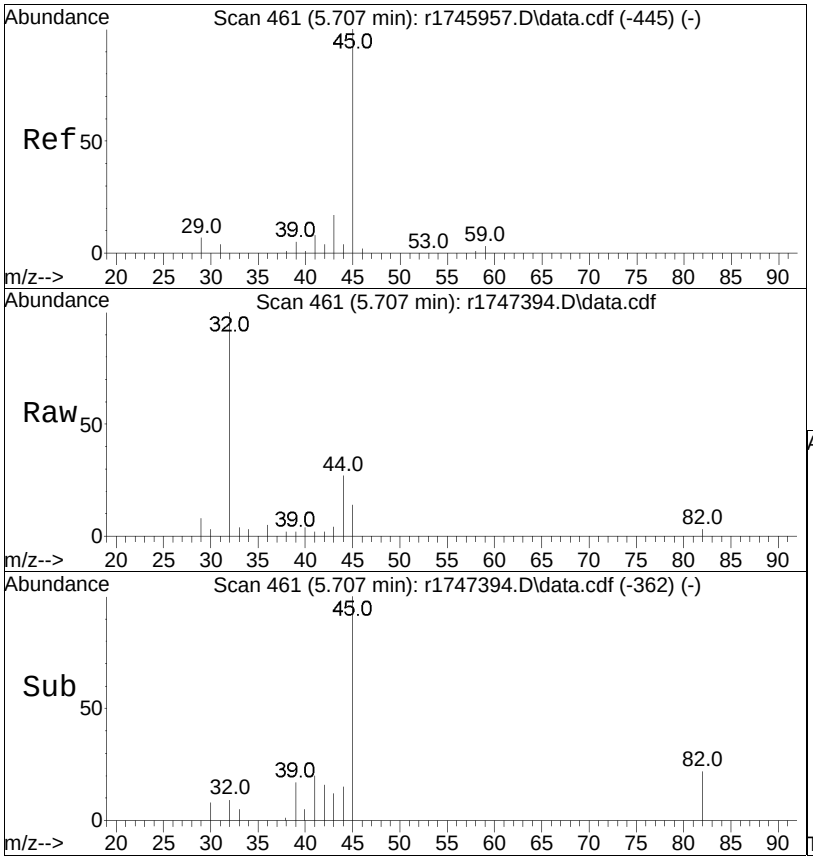


#19
acetone
Concen: 0.12 ppbV
RT: 5.437 min Scan# 380
Delta R.T. -0.003 min
Lab File: r1747394.D
Acq: 3 Mar 2025 2:19 PM

Tgt Ion: 43 Resp: 2308

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.7	37.1
57	0.0	0.6	0.8#

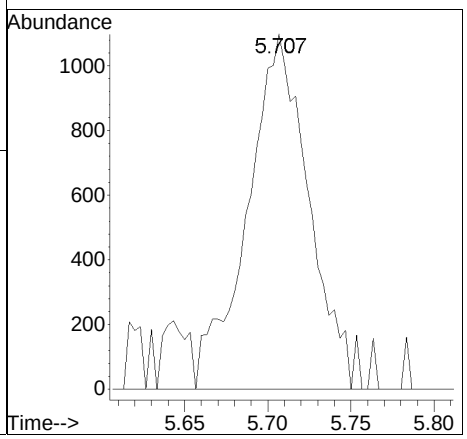




#22
isopropyl alcohol
Concen: 0.12 ppbV
RT: 5.707 min Scan# 461
Delta R.T. 0.000 min
Lab File: r1747394.D
Acq: 3 Mar 2025 2:19 PM

Tgt Ion: 45 Resp: 2833

Ion	Ratio	Lower	Upper
45	100		
59	0.0	2.6	4.0#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TFS17_241220.M
Data File	: r1747394.D	Operator	: AIRLAB17:TPH
Date Inj'd	: 3/3/2025 2:19 PM	Instrument	:
Sample	: WG2036206-4,3,250,250	Quant Date	: 3/4/2025 7:22 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	84	-0.03
2		chlorodifluoromethane	10.000	8.263	17.4	78	-0.02
3		propylene	10.000	9.299	7.0	88	-0.02
4		propane	10.000	8.263	17.4	80	-0.02
5		dichlorodifluoromethane	10.000	7.447	25.5	69	-0.02
6	C	chloromethane	10.000	6.962	30.4#	65	-0.02
7		Freon-114	10.000	8.301	17.0	76	-0.02
8	C	methanol	50.000	28.784	42.4#	58	-0.02
9	C	vinyl chloride	10.000	7.994	20.1	77	-0.02
10	C	1,3-butadiene	10.000	7.559	24.4	74	-0.02
11		butane	10.000	7.701	23.0	72	-0.02
13	C	bromomethane	10.000	8.238	17.6	79	-0.02
14	C	chloroethane	10.000	8.031	19.7	79	-0.02
15		ethanol	50.000	40.937	18.1	73	-0.03
16		dichlorofluoromethane	10.000	7.426	25.7	72	-0.03
17	C	vinyl bromide	10.000	7.754	22.5	77	-0.03
18	C	acrolein	10.000	7.074	29.3	69	-0.03
19		acetone	50.000	33.561	32.9#	64	-0.03
20	C	acetonitrile	10.000	7.821	21.8	77	-0.03
21		trichlorofluoromethane	10.000	10.671	-6.7	100	-0.03
22		isopropyl alcohol	25.000	28.949	-15.8	98	-0.03
23	C	acrylonitrile	10.000	9.652	3.5	97	-0.03
24		pentane	10.000	10.740	-7.4	102	-0.03
25		ethyl ether	10.000	8.936	10.6	91	-0.03
26	C	1,1-dichloroethene	10.000	12.201	-22.0	116	-0.03
27		tertiary butyl alcohol	10.000	10.167	-1.7	100	-0.03
28	C	methylene chloride	10.000	10.326	-3.3	102	-0.03
29	C	3-chloropropene	10.000	11.863	-18.6	113	-0.04
30	C	carbon disulfide	10.000	10.296	-3.0	98	-0.04
31		Freon 113	10.000	11.825	-18.2	112	-0.04
32		trans-1,2-dichloroethene	10.000	11.743	-17.4	114	-0.03
33	C	1,1-dichloroethane	10.000	12.274	-22.7	115	-0.03
34	C	MTBE	10.000	9.918	0.8	96	-0.03
35	C	vinyl acetate	10.000	9.034	9.7	82	-0.03
36	C	2-butanone	10.000	11.055	-10.5	104	-0.03
37		cis-1,2-dichloroethene	10.000	12.197	-22.0	115	-0.03
38		Ethyl Acetate	10.000	12.777	-27.8	120	-0.03
39	C	chloroform	10.000	11.321	-13.2	109	-0.04
40		Tetrahydrofuran	10.000	10.829	-8.3	102	-0.03

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	10.341	-3.4	98	-0.03
42	C	1,2-dichloroethane	10.000	11.594	-15.9	110	-0.03
43	I	1,4-difluorobenzene	10.000	10.000	0.0	86	-0.03
44	C	hexane	10.000	11.548	-15.5	119	-0.03
45		diisopropyl ether	10.000	10.161	-1.6	103	-0.03
46		tert-butyl ethyl ether	10.000	10.237	-2.4	102	-0.03
48	C	1,1,1-trichloroethane	10.000	11.055	-10.5	108	-0.03
49		1,1-dichloropropene	10.000	10.123	-1.2	101	-0.04
50	C	benzene	10.000	10.182	-1.8	102	-0.03
52	C	carbon tetrachloride	10.000	12.112	-21.1	117	-0.03
53		cyclohexane	10.000	10.727	-7.3	111	-0.04
54		tert-amyl methyl ether	10.000	9.163	8.4	91	-0.03
55		dibromomethane	10.000	11.756	-17.6	115	-0.03
56	C	1,2-dichloropropane	10.000	11.903	-19.0	116	-0.03
57		bromodichloromethane	10.000	11.725	-17.2	116	-0.03
58	C	1,4-dioxane	10.000	11.486	-14.9	115	-0.03
59	C	trichloroethene	10.000	11.398	-14.0	113	-0.03
60	C	2,2,4-trimethylpentane	10.000	11.342	-13.4	117	-0.03
61		methyl methacrylate	10.000	12.251	-22.5	117	-0.03
62		heptane	10.000	11.213	-12.1	110	-0.03
63	C	cis-1,3-dichloropropene	10.000	10.994	-9.9	106	-0.03
64	C	4-methyl-2-pentanone	10.000	11.094	-10.9	107	-0.03
65		trans-1,3-dichloropropene	10.000	11.624	-16.2	110	-0.03
66	C	1,1,2-trichloroethane	10.000	11.575	-15.7	113	-0.03
67	I	chlorobenzene-D5	10.000	10.000	0.0	88	-0.02
68	C	toluene	10.000	11.174	-11.7	110	-0.03
71		1,3-dichloropropane	10.000	10.126	-1.3	103	-0.03
72		2-hexanone	10.000	10.287	-2.9	99	-0.03
74		dibromochloromethane	10.000	13.351	-33.5#	128	-0.02
75	C	1,2-dibromoethane	10.000	11.573	-15.7	114	-0.03
76		butyl acetate	10.000	9.124	8.8	88	-0.03
77		octane	10.000	10.347	-3.5	105	-0.03
78	C	tetrachloroethene	10.000	11.096	-11.0	111	-0.03
79		1,1,1,2-tetrachloroethane	10.000	12.165	-21.6	118	-0.03
80	C	chlorobenzene	10.000	11.425	-14.3	115	-0.03
81	C	ethylbenzene	10.000	11.510	-15.1	112	-0.02
83	C	m+p-xylene	20.000	23.961	-19.8	116	-0.03

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	13.907	-39.1#	130	-0.03
85	C	styrene	10.000	11.681	-16.8	112	-0.02
86	C	1,1,2,2-tetrachloroethane	10.000	12.661	-26.6	122	-0.02
87	C	o-xylene	10.000	12.218	-22.2	119	-0.02
88		1,2,3-trichloropropane	10.000	11.115	-11.2	111	-0.02
89		nonane	10.000	10.960	-9.6	104	-0.03
91	C	isopropylbenzene	10.000	11.732	-17.3	116	-0.03
92		bromobenzene	10.000	10.963	-9.6	111	-0.02
93		2-chlorotoluene	10.000	11.588	-15.9	114	-0.02
94		n-propylbenzene	10.000	11.937	-19.4	119	-0.03
95		4-chlorotoluene	10.000	11.541	-15.4	114	-0.02
96		4-ethyl toluene	10.000	11.925	-19.3	116	-0.03
97		1,3,5-trimethylbenzene	10.000	12.311	-23.1	119	-0.02
98		tert-butylbenzene	10.000	11.631	-16.3	116	-0.02
99		1,2,4-trimethylbenzene	10.000	12.227	-22.3	114	-0.02
100		decane	10.000	11.239	-12.4	112	-0.02
101	C	Benzyl Chloride	10.000	11.878	-18.8	108	-0.02
102		1,3-dichlorobenzene	10.000	12.300	-23.0	118	-0.03
103	C	1,4-dichlorobenzene	10.000	12.046	-20.5	114	-0.02
104		sec-butylbenzene	10.000	11.636	-16.4	112	-0.02
106		p-isopropyltoluene	10.000	10.174	-1.7	99	-0.02
107		1,2-dichlorobenzene	10.000	11.688	-16.9	112	-0.02
108		n-butylbenzene	10.000	11.676	-16.8	114	-0.02
111	C	1,2-dibromo-3-chloropropane	10.000	10.948	-9.5	98	-0.02
112		undecane	10.000	10.976	-9.8	107	-0.02
114		dodecane	10.000	10.658	-6.6	97	-0.02
115	C	1,2,4-trichlorobenzene	10.000	10.403	-4.0	93	-0.03
116		naphthalene	10.000	10.992	-9.9	97	-0.02
117		1,2,3-trichlorobenzene	10.000	10.606	-6.1	95	-0.02
119	C	hexachlorobutadiene	10.000	10.677	-6.8	104	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 3

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.783	49	252892	10.000	ppbV	-0.03
Standard Area = 252892			Recovery = 100.00%			
43) 1,4-difluorobenzene	10.997	114	698345	10.000	ppbV	-0.03
Standard Area = 698345			Recovery = 100.00%			
67) chlorobenzene-D5	15.767	54	98126	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.844	85	188189	7.447	ppbV	98
6) chloromethane	4.000	50	95210	6.962	ppbV	100
7) Freon-114	4.102	85	246796	8.301	ppbV	98
9) vinyl chloride	4.216	62	101188	7.994	ppbV	99
10) 1,3-butadiene	4.354	54	84866	7.559	ppbV	94
13) bromomethane	4.618	94	89196	8.238	ppbV	98
14) chloroethane	4.798	64	47917	8.031	ppbV	99
15) ethanol	4.912	31	389461	40.937	ppbV	95
17) vinyl bromide	5.157	106	86034	7.754	ppbV	100
19) acetone	5.407	43	651756	33.561	ppbV #	85
21) trichlorofluoromethane	5.600	101	239126	10.671	ppbV	98
22) isopropyl alcohol	5.673	45	710639	28.949	ppbV	100
26) 1,1-dichloroethene	6.282	61	220883	12.201	ppbV	97
27) tertiary butyl alcohol	6.318	59	204074	10.167	ppbV	94
28) methylene chloride	6.420	49	183938	10.326	ppbV	89
29) 3-chloropropene	6.546	41	232751	11.863	ppbV	97
30) carbon disulfide	6.708	76	422628	10.296	ppbV	99
31) Freon 113	6.714	101	309271	11.825	ppbV	98
32) trans-1,2-dichloroethene	7.450	61	215899	11.743	ppbV	95
33) 1,1-dichloroethane	7.667	63	284972	12.274	ppbV	95
34) MTBE	7.725	73	310835	9.918	ppbV	97
36) 2-butanone	8.100	43	363751	11.055	ppbV	98
37) cis-1,2-dichloroethene	8.600	61	211817	12.197	ppbV	96
38) Ethyl Acetate	8.867	61	57321	12.777	ppbV	71
39) chloroform	8.933	83	272239	11.321	ppbV	98
40) Tetrahydrofuran	9.358	42	210181	10.829	ppbV	95
42) 1,2-dichloroethane	9.758	62	165370	11.594	ppbV	97
44) hexane	8.858	57	260807	11.548	ppbV	86

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	10.050	97	230034	11.055	ppbV	96
50) benzene	10.570	78	499597	10.182	ppbV	100
52) carbon tetrachloride	10.743	117	224652	12.112	ppbV	97
53) cyclohexane	10.883	56	257925	10.727	ppbV	99
56) 1,2-dichloropropane	11.510	63	200386	11.903	ppbV	99
57) bromodichloromethane	11.737	83	281132	11.725	ppbV	100
58) 1,4-dioxane	11.770	88	114769	11.486	ppbV	100
59) trichloroethene	11.790	130	252626	11.398	ppbV	98
60) 2,2,4-trimethylpentane	11.843	57	822483	11.342	ppbV	100
62) heptane	12.163	43	380436	11.213	ppbV	96
63) cis-1,3-dichloropropene	12.808	75	249218	10.994	ppbV	100
64) 4-methyl-2-pentanone	12.842	43	446052	11.094	ppbV	97
65) trans-1,3-dichloropropene	13.433	75	192729	11.624	ppbV	97
66) 1,1,2-trichloroethane	13.625	97	223344	11.575	ppbV	98
68) toluene	13.958	91	623969	11.174	ppbV	99
72) 2-hexanone	14.258	43	391383	10.287	ppbV	98
74) dibromochloromethane	14.425	129	323773	13.351	ppbV	98
75) 1,2-dibromoethane	14.675	107	320935	11.573	ppbV	99
78) tetrachloroethene	15.158	166	253757	11.096	ppbV	96
80) chlorobenzene	15.808	112	539277	11.425	ppbV	98
81) ethylbenzene	16.167	91	824998	11.510	ppbV	99
83) m+p-xylene	16.333	91	1357500	23.961	ppbV	97
84) bromoform	16.392	173	258594	13.907	ppbV	100
85) styrene	16.658	104	537730	11.681	ppbV	99
86) 1,1,2,2-tetrachloroethane	16.750	83	517840	12.661	ppbV	98
87) o-xylene	16.758	91	694153	12.218	ppbV	95
96) 4-ethyl toluene	17.842	105	913036	11.925	ppbV	97
97) 1,3,5-trimethylbenzene	17.908	105	799407	12.311	ppbV	99
99) 1,2,4-trimethylbenzene	18.250	105	785467	12.227	ppbV	96
101) Benzyl Chloride	18.375	91	357532	11.878	ppbV	98
102) 1,3-dichlorobenzene	18.383	146	528826	12.300	ppbV	97
103) 1,4-dichlorobenzene	18.442	146	508935	12.046	ppbV	97
107) 1,2-dichlorobenzene	18.725	146	479776	11.688	ppbV	97
115) 1,2,4-trichlorobenzene	20.200	180	284186	10.403	ppbV	96
119) hexachlorobutadiene	20.633	225	274023	10.677	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

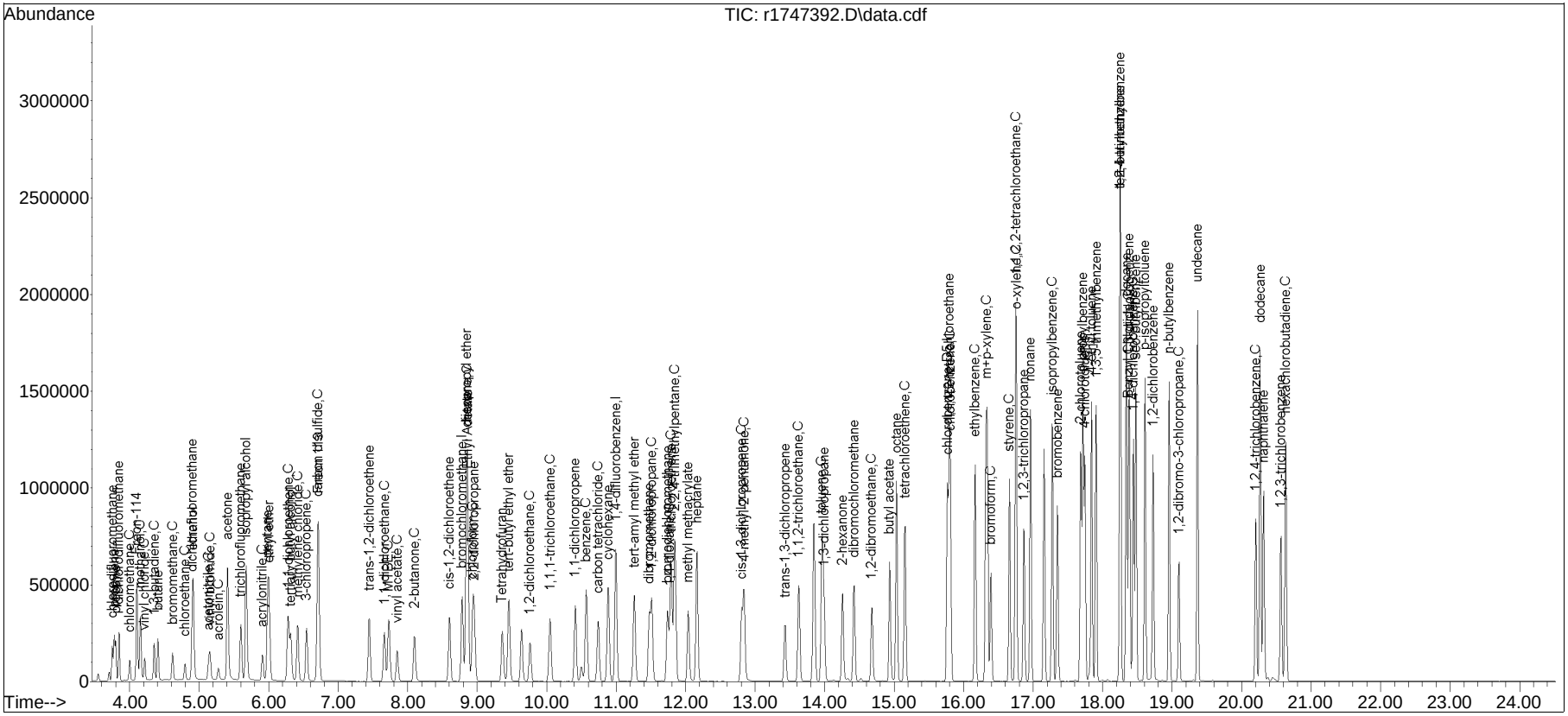
CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : Default-LCS-AP2 - All compounds listed

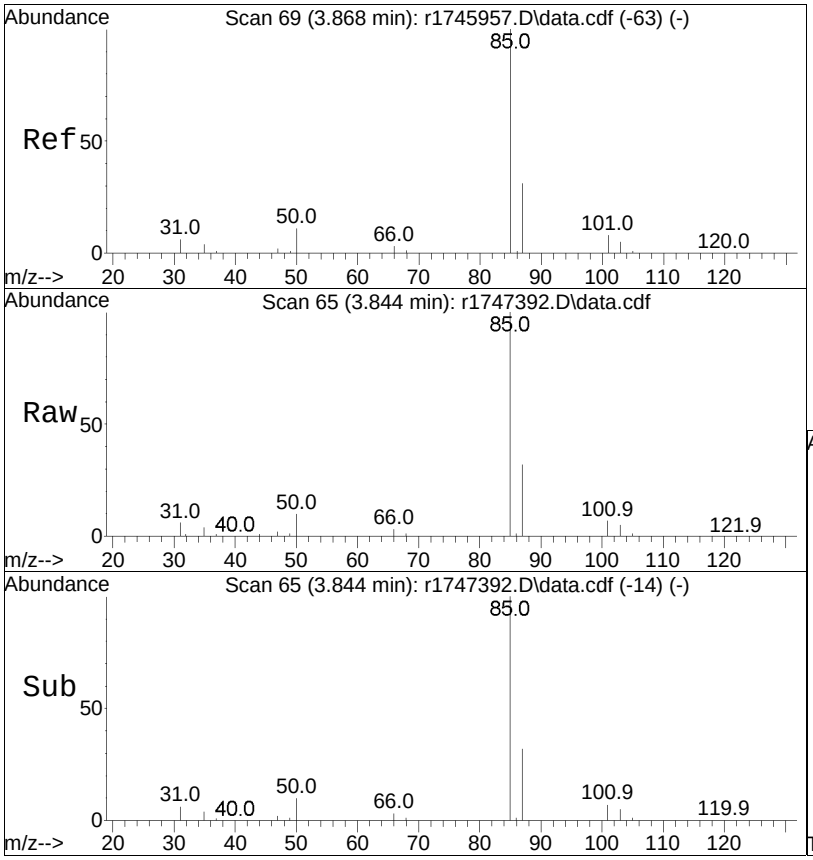
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedr1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747392.D
Acq On : 3 Mar 2025 11:56 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-3,3,250,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 03 13:09:59 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

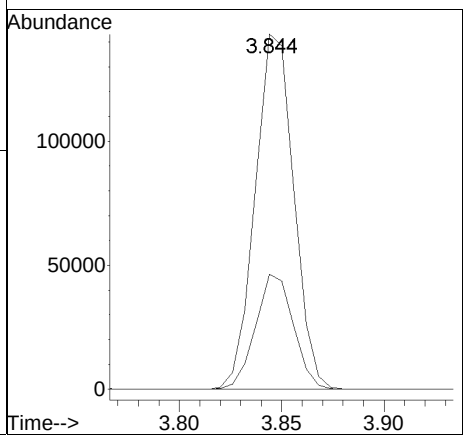


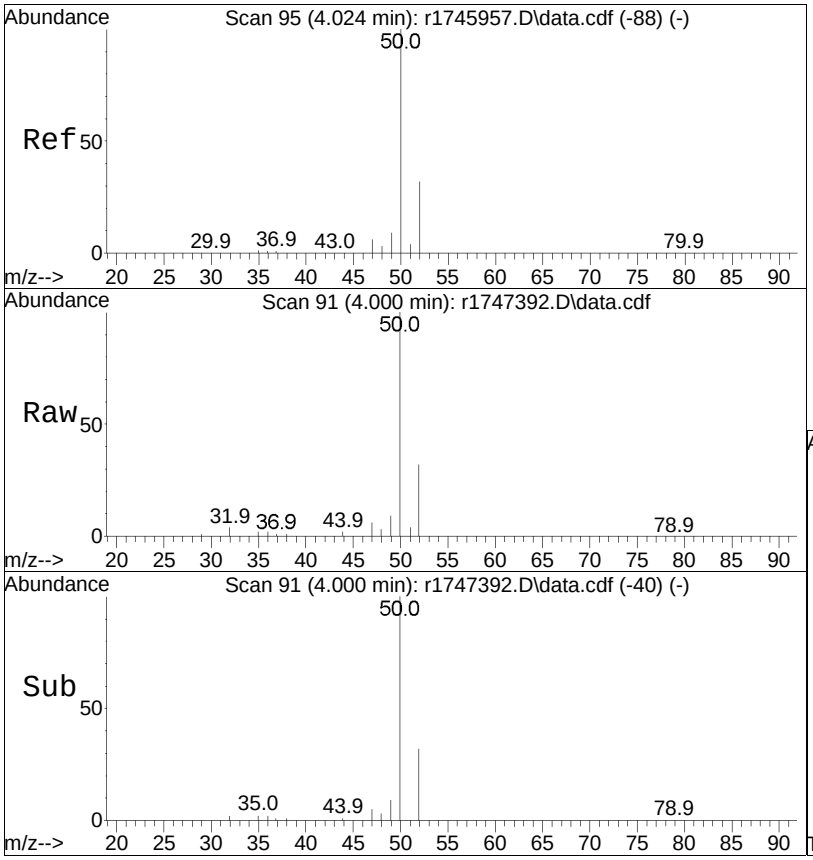


#5
dichlorodifluoromethane
Concen: 7.45 ppbV
RT: 3.844 min Scan# 65
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 85 Resp: 188189

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.2	37.8

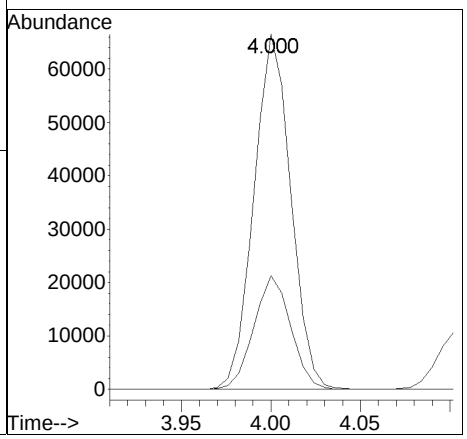


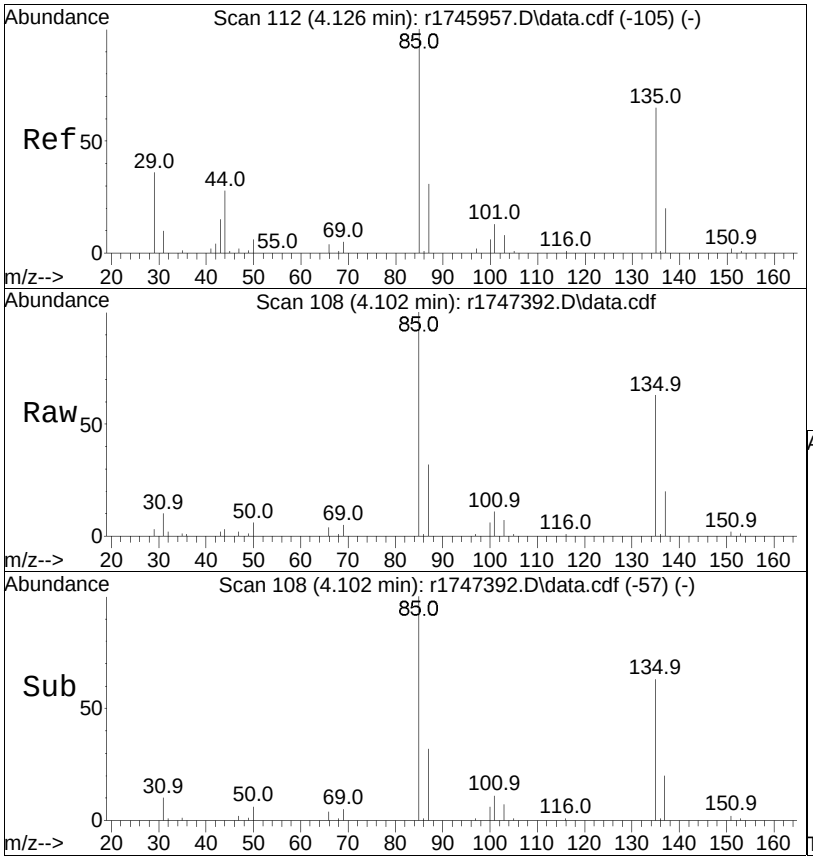


#6
chloromethane
Concen: 6.96 ppbV
RT: 4.000 min Scan# 91
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 50 Resp: 95210

Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.4	38.2

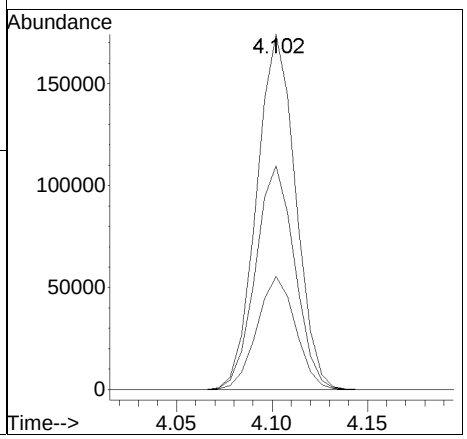


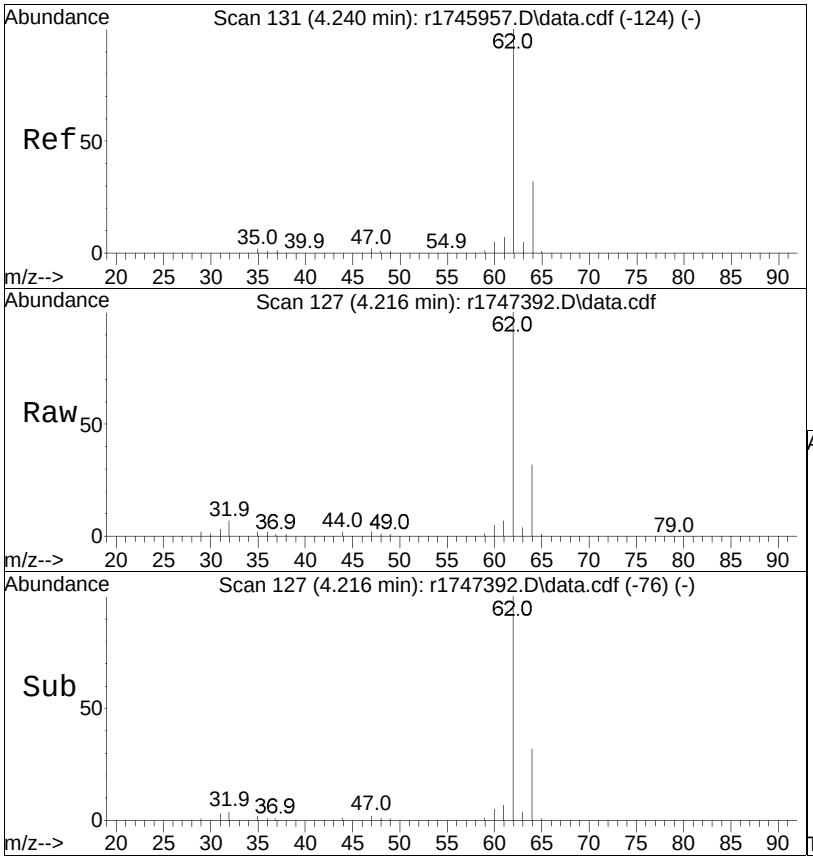


#7
Freon-114
Concen: 8.30 ppbV
RT: 4.102 min Scan# 108
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 85 Resp: 246796

Ion	Ratio	Lower	Upper
85	100		
87	31.8	24.5	36.7
135	62.9	51.8	77.8

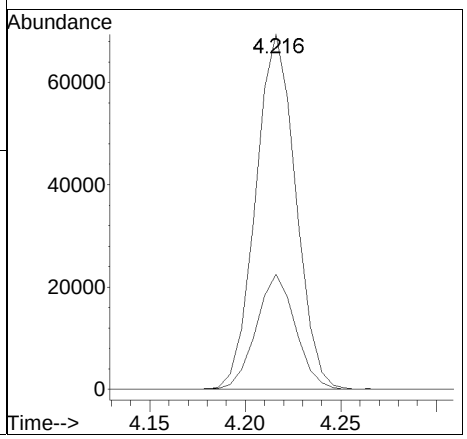


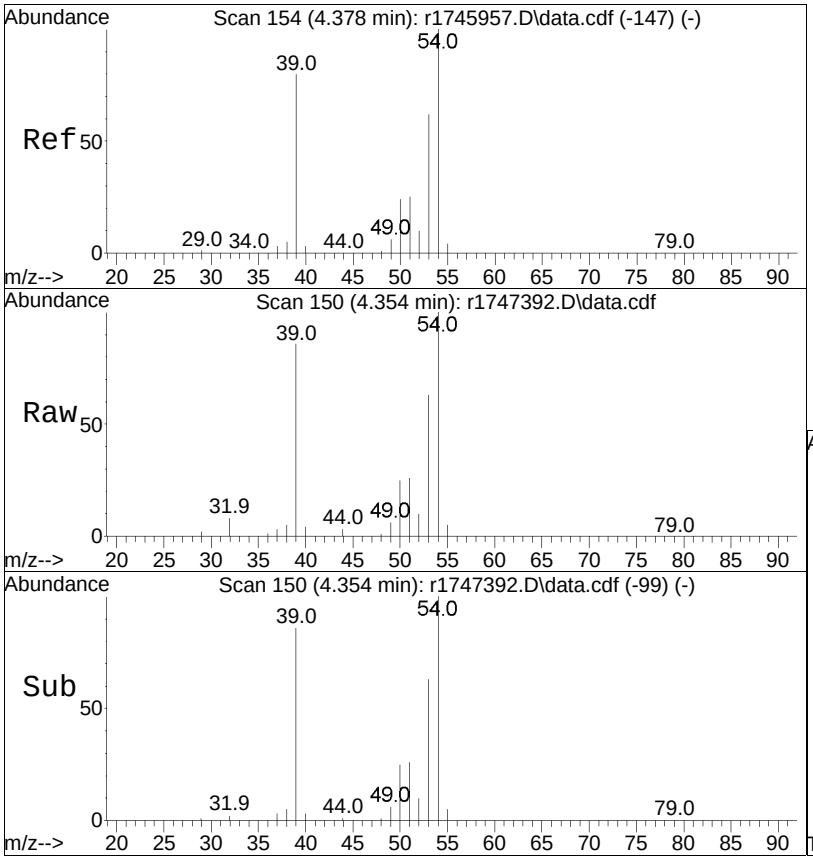


#9
vinyl chloride
Concen: 7.99 ppbV
RT: 4.216 min Scan# 127
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 62 Resp: 101188

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.4	38.2

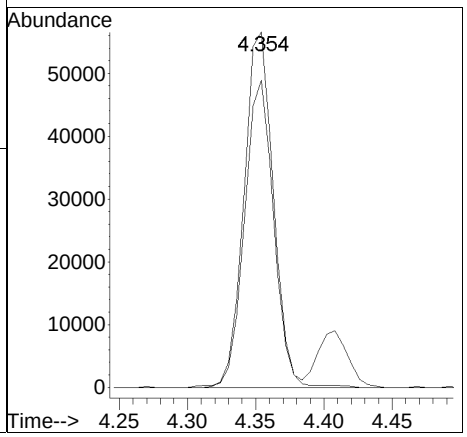


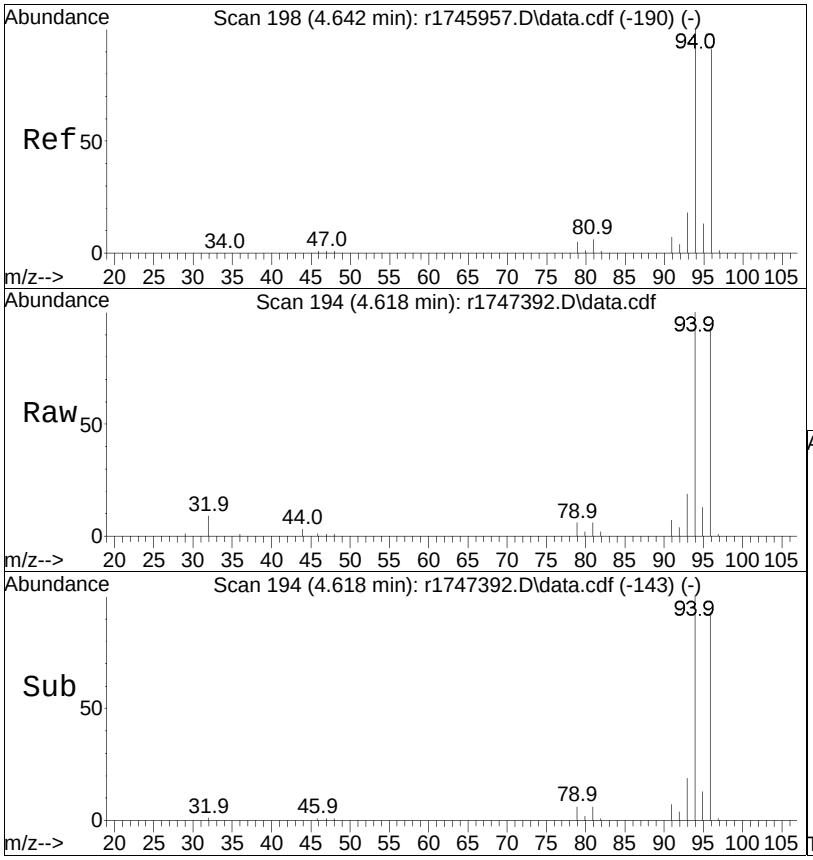


#10
1,3-butadiene
Concen: 7.56 ppbV
RT: 4.354 min Scan# 150
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 54 Resp: 84866

Ion	Ratio	Lower	Upper
54	100		
39	86.5	65.0	97.6

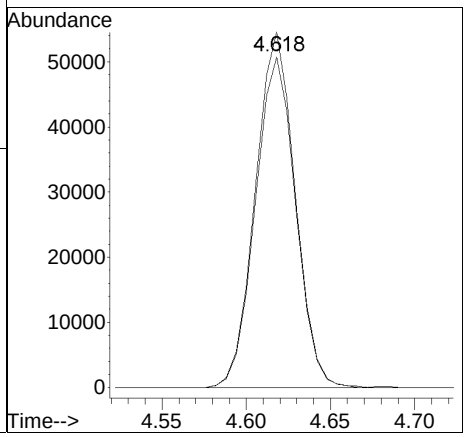


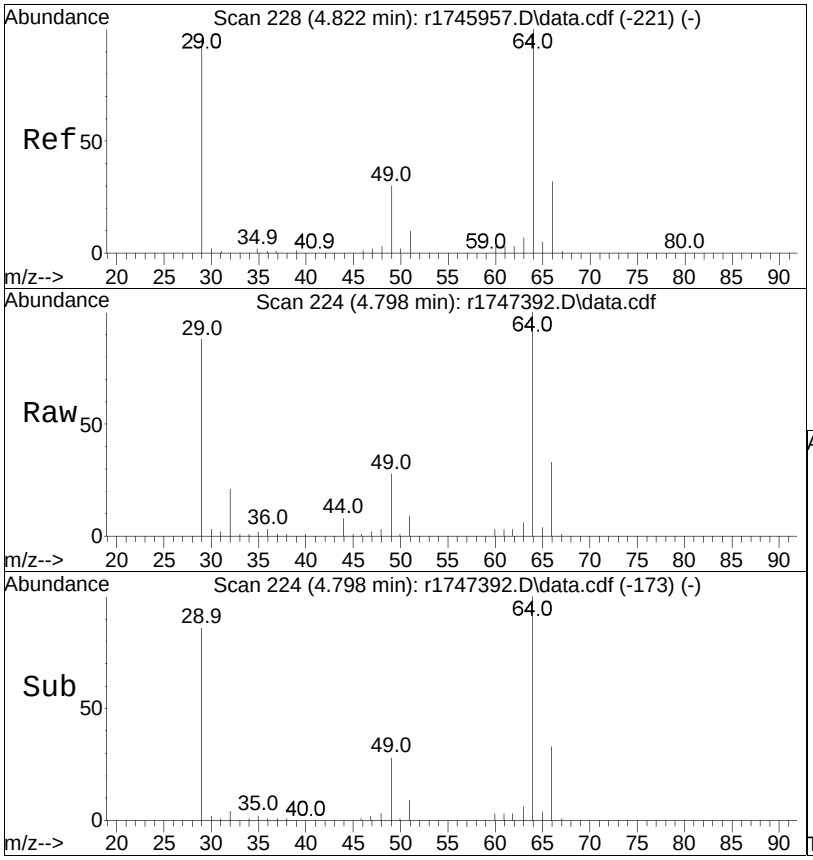


#13
bromomethane
Concen: 8.24 ppbV
RT: 4.618 min Scan# 194
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 94 Resp: 89196

Ion	Ratio	Lower	Upper
94	100		
96	93.0	72.8	109.2

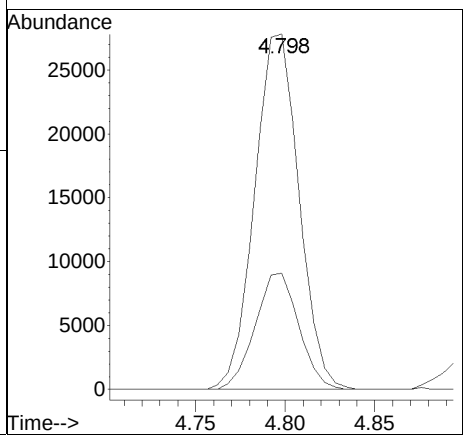


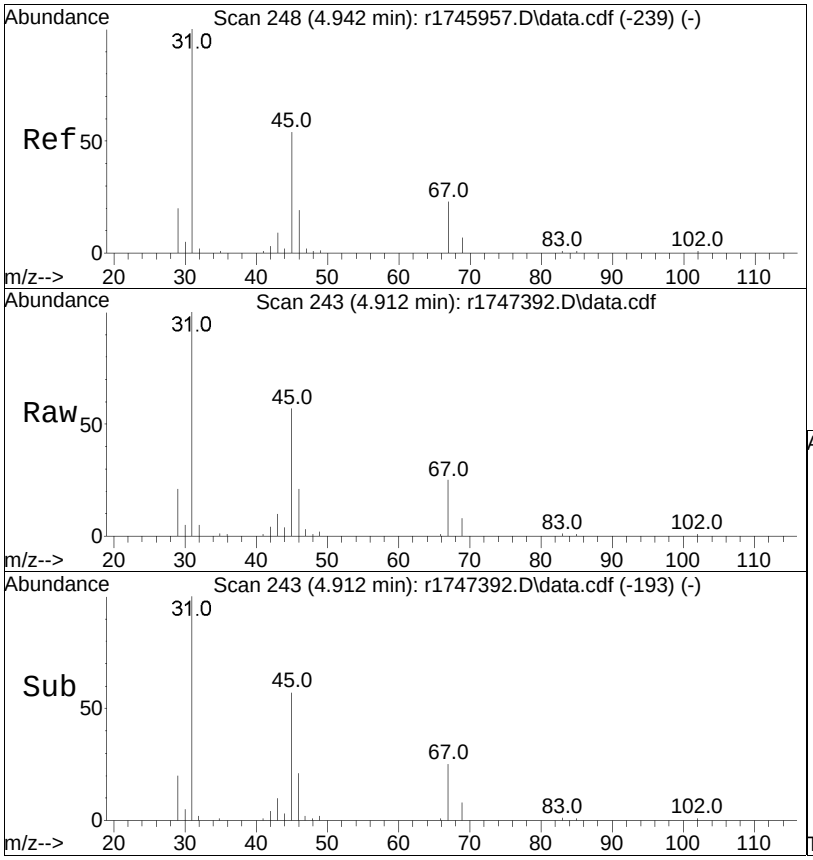


#14
chloroethane
Concen: 8.03 ppbV
RT: 4.798 min Scan# 224
Delta R.T. -0.024 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 64 Resp: 47917

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.8	38.6

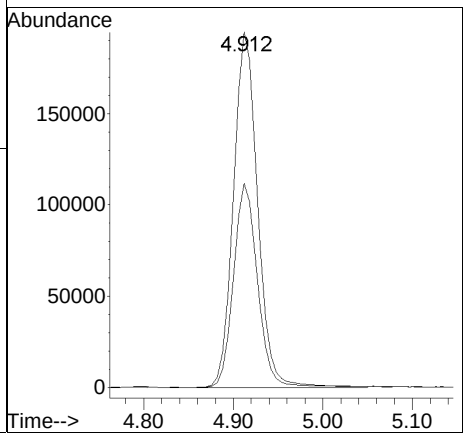


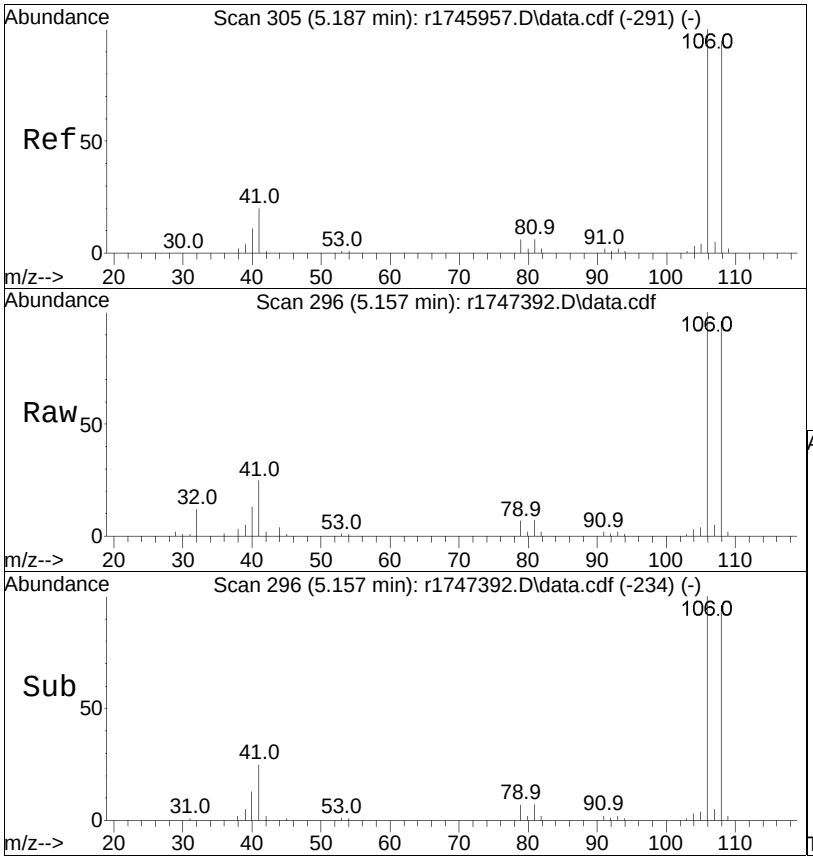


#15
ethanol
Concen: 40.94 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.030 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 31 Resp: 389461

Ion	Ratio	Lower	Upper
31	100		
45	57.4	43.0	64.6

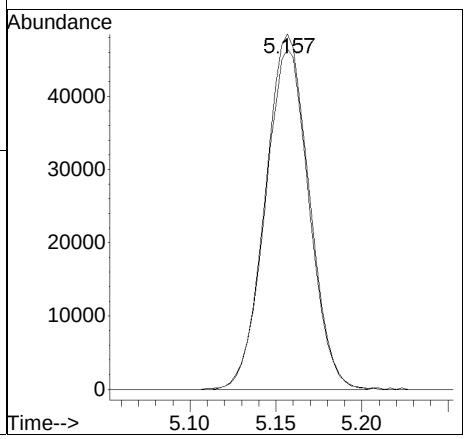


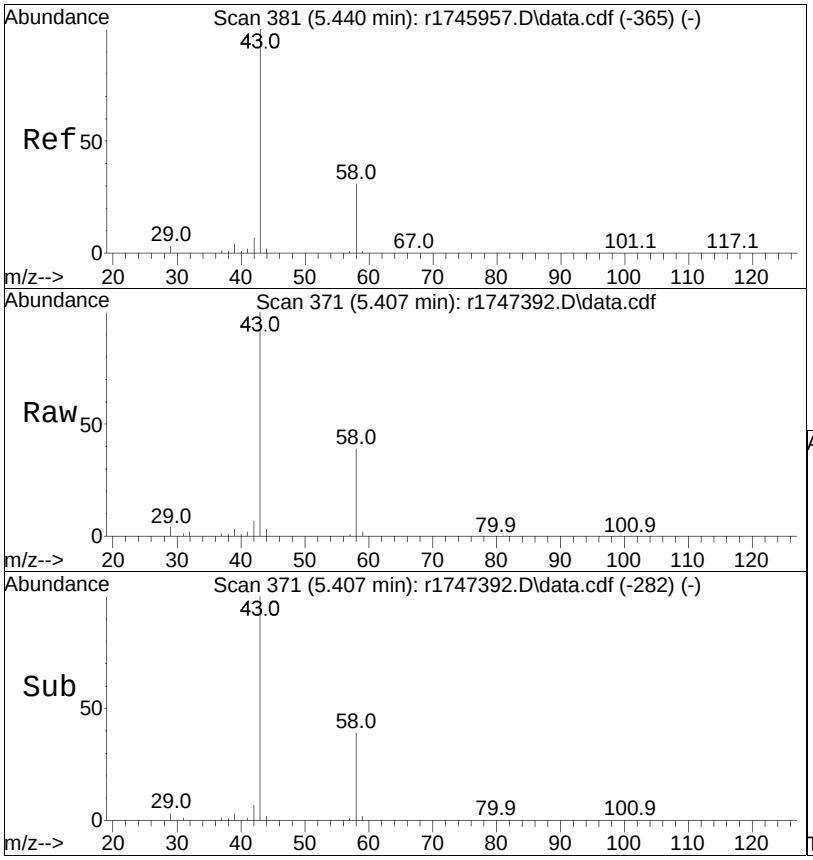


#17
vinyl bromide
Concen: 7.75 ppbV
RT: 5.157 min Scan# 296
Delta R.T. -0.030 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:106 Resp: 86034

Ion	Ratio	Lower	Upper
106	100		
108	95.8	76.4	114.6

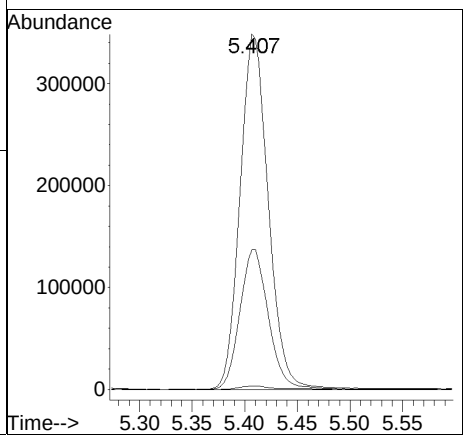


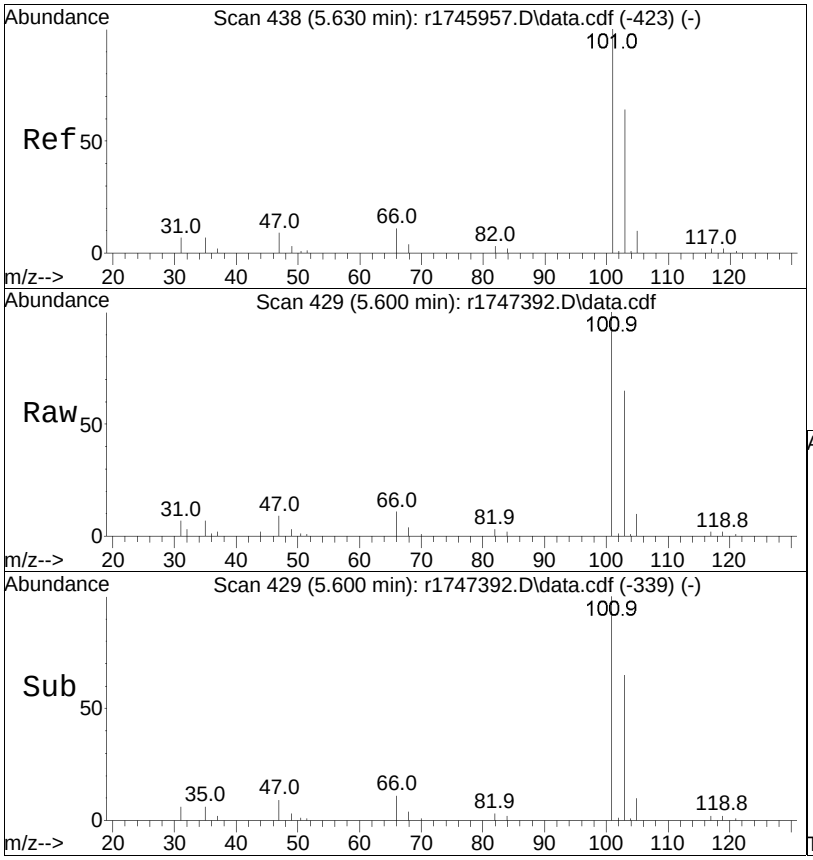


#19
acetone
Concen: 33.56 ppbV
RT: 5.407 min Scan# 371
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 43 Resp: 651756

Ion	Ratio	Lower	Upper
43	100		
58	39.4	24.7	37.1#
57	1.0	0.6	0.8#

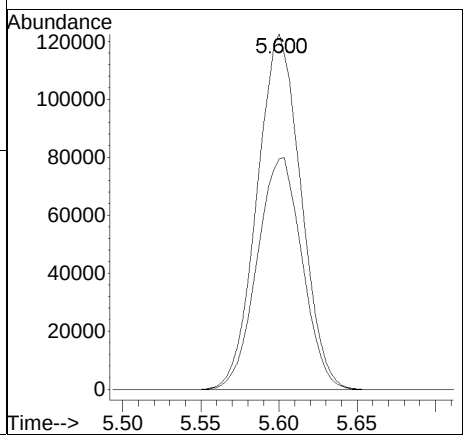


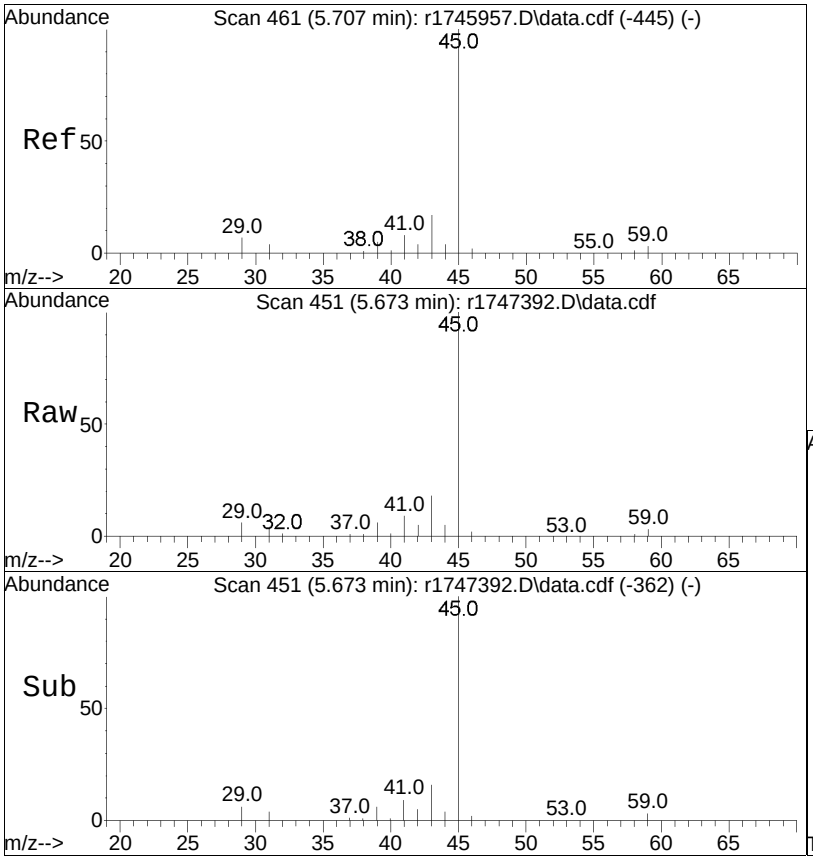


#21
trichlorofluoromethane
Concen: 10.67 ppbV
RT: 5.600 min Scan# 429
Delta R.T. -0.030 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:101 Resp: 239126

Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

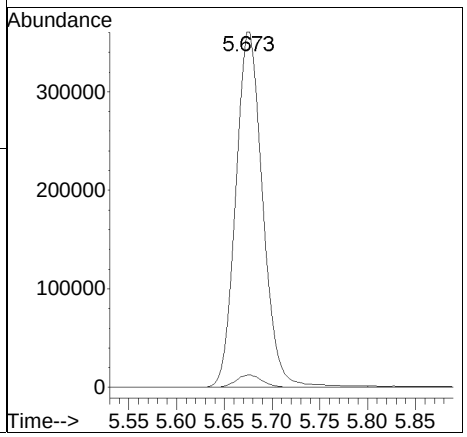


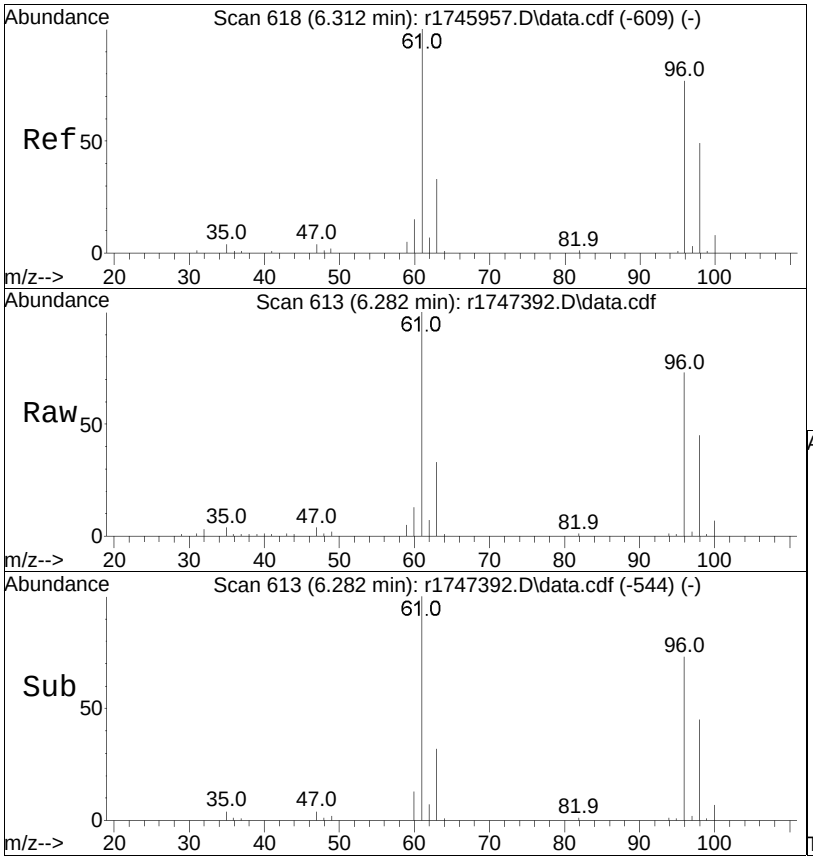


#22
isopropyl alcohol
Concen: 28.95 ppbV
RT: 5.673 min Scan# 451
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 45 Resp: 710639

Ion	Ratio	Lower	Upper
45	100		
59	3.4	2.6	4.0

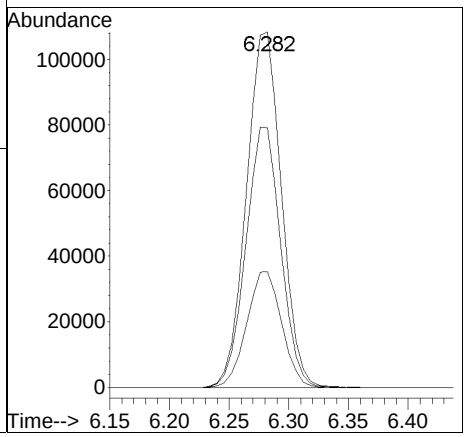


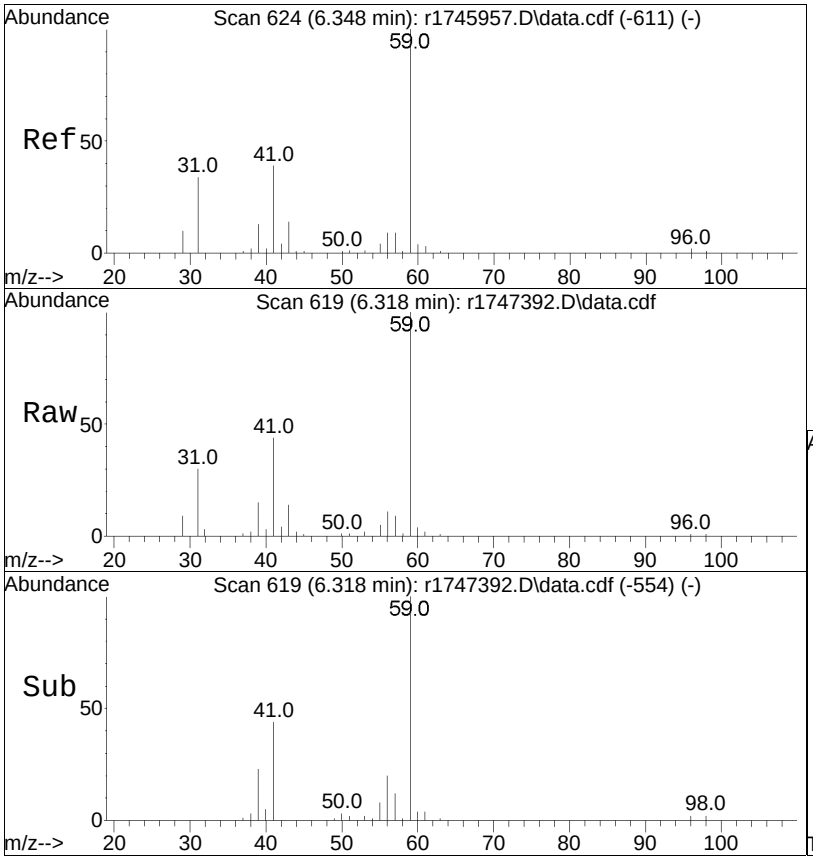


#26
1,1-dichloroethene
Concen: 12.20 ppbV
RT: 6.282 min Scan# 613
Delta R.T. -0.030 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 61 Resp: 220883

Ion	Ratio	Lower	Upper
61	100		
96	73.1	61.3	91.9
63	32.6	26.6	40.0

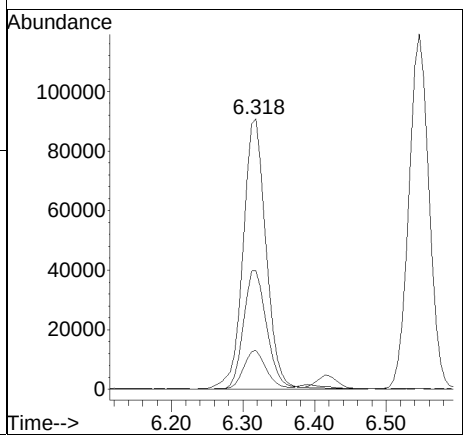


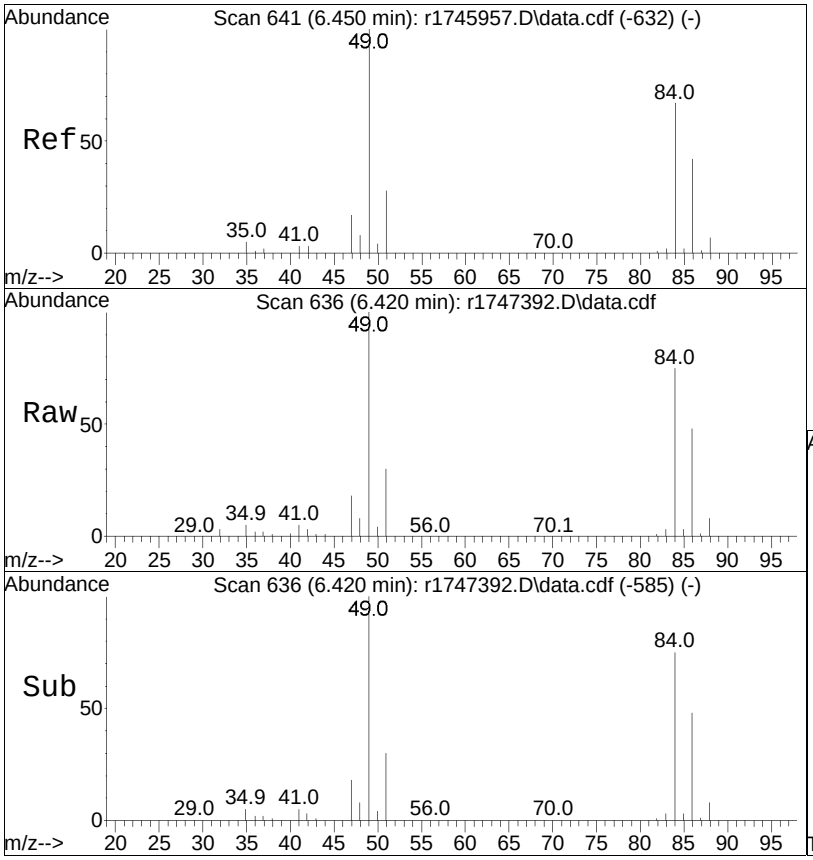


#27
tertiary butyl alcohol
Concen: 10.17 ppbV
RT: 6.318 min Scan# 619
Delta R.T. -0.030 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 59 Resp: 204074

Ion	Ratio	Lower	Upper
59	100		
41	43.7	31.1	46.7
43	14.4	11.7	17.5

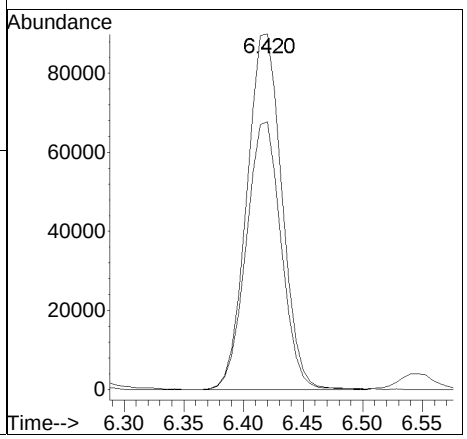


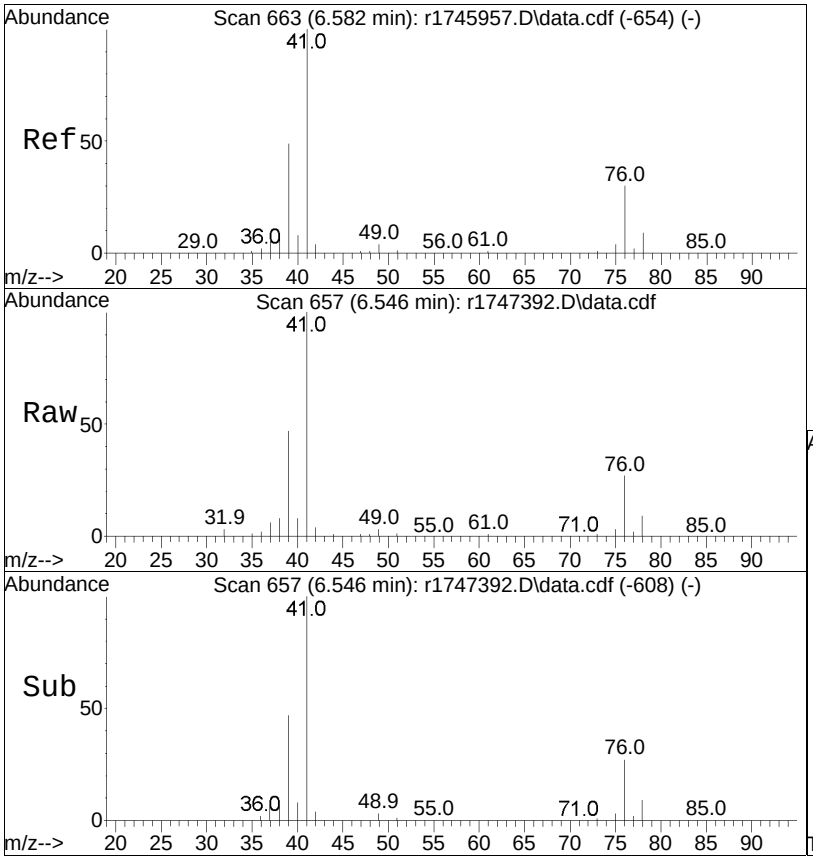


#28
methylene chloride
Concen: 10.33 ppbV
RT: 6.420 min Scan# 636
Delta R.T. -0.030 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 49 Resp: 183938

Ion	Ratio	Lower	Upper
49	100		
84	75.3	53.4	80.0

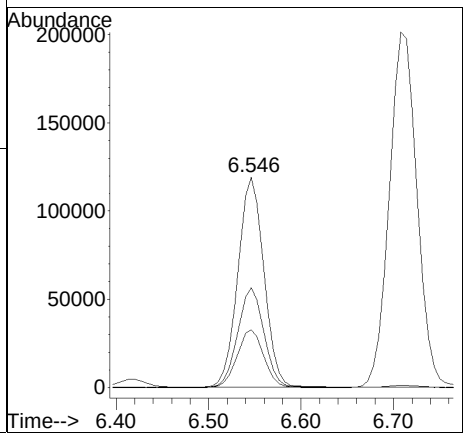


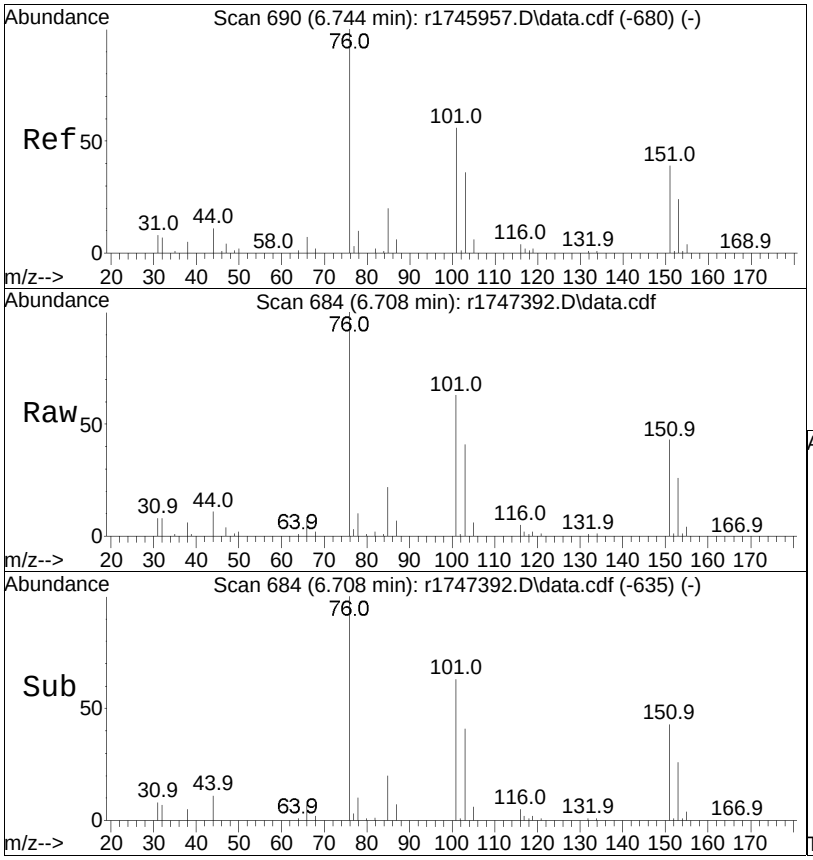


#29
3-chloropropene
Concen: 11.86 ppbV
RT: 6.546 min Scan# 657
Delta R.T. -0.036 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 41 Resp: 232751

Ion	Ratio	Lower	Upper
41	100		
39	47.5	39.0	58.4
76	27.4	23.6	35.4

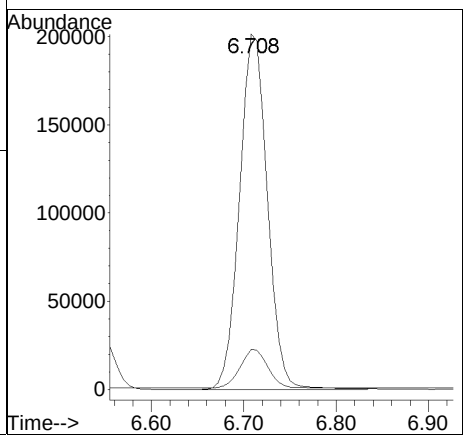


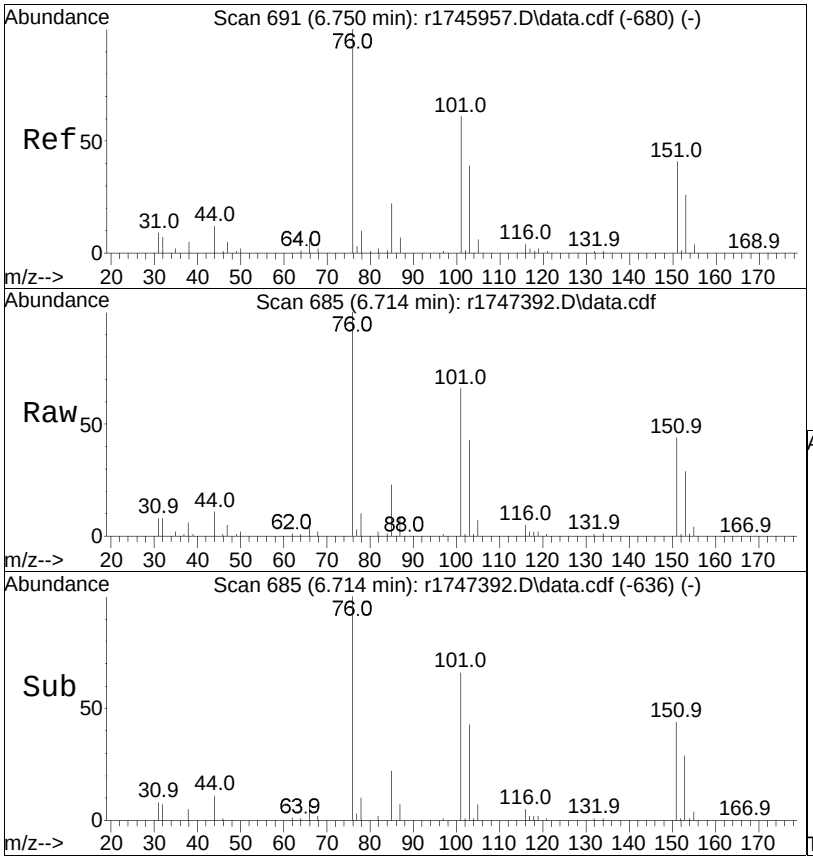


#30
carbon disulfide
Concen: 10.30 ppbV
RT: 6.708 min Scan# 684
Delta R.T. -0.036 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 76 Resp: 422628

Ion	Ratio	Lower	Upper
76	100		
44	11.3	9.4	14.0

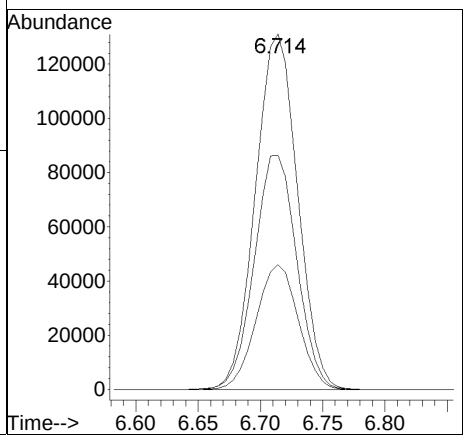


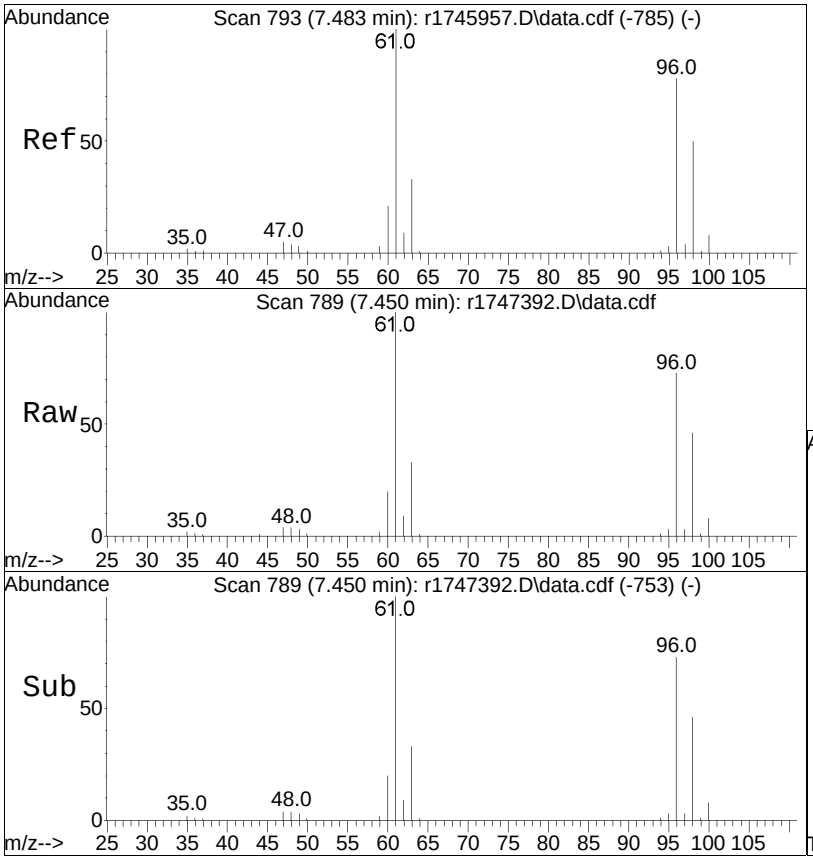


#31
Freon 113
Concen: 11.83 ppbV
RT: 6.714 min Scan# 685
Delta R.T. -0.036 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:101 Resp: 309271

Ion	Ratio	Lower	Upper
101	100		
85	35.1	29.0	43.4
151	65.9	53.6	80.4

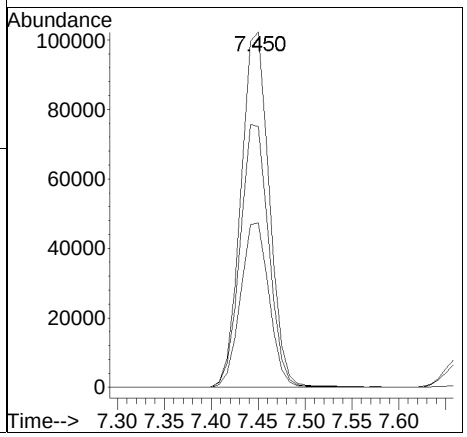


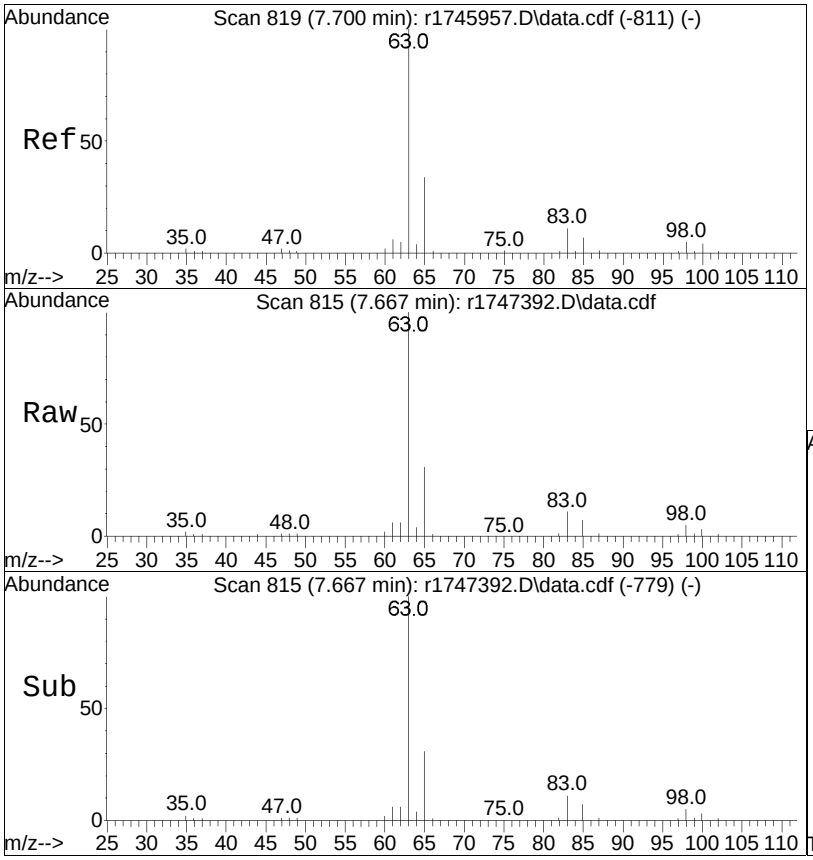


#32
trans-1,2-dichloroethene
Concen: 11.74 ppbV
RT: 7.450 min Scan# 789
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 61 Resp: 215899

Ion	Ratio	Lower	Upper
61	100		
96	73.4	62.1	93.1
98	46.3	40.0	60.0

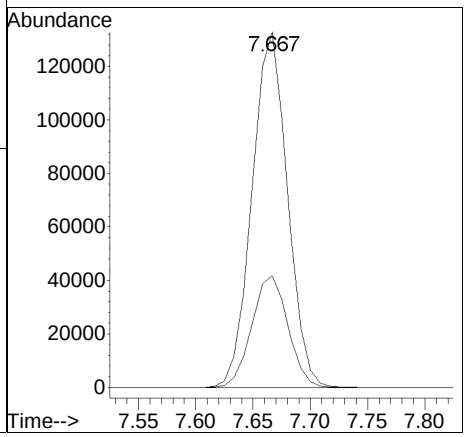


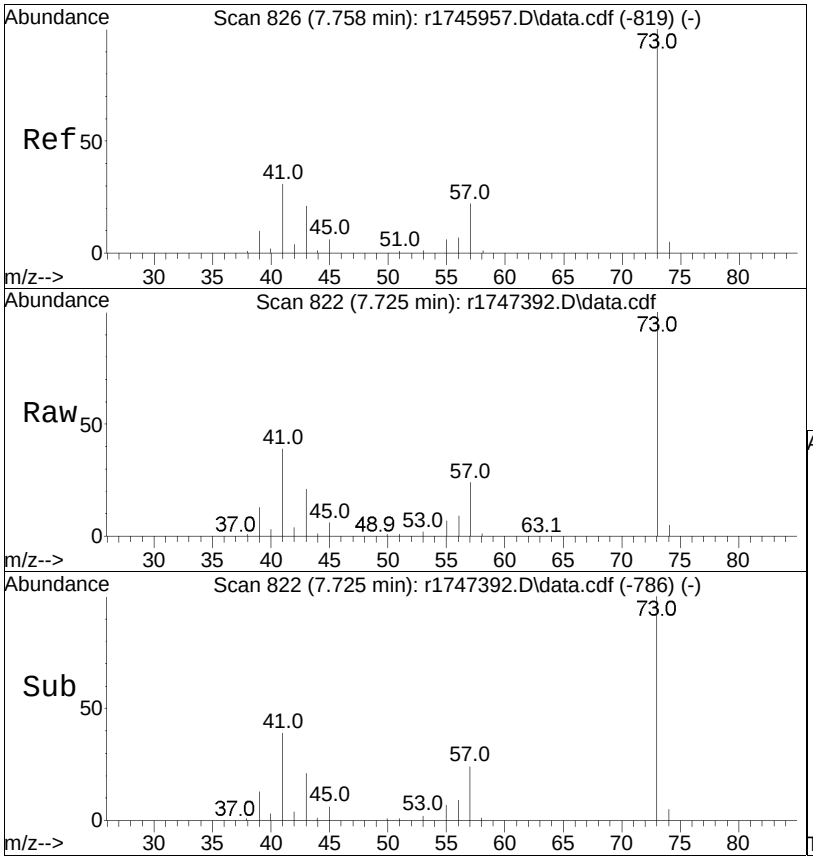


#33
1,1-dichloroethane
Concen: 12.27 ppbV
RT: 7.667 min Scan# 815
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 63 Resp: 284972

Ion	Ratio	Lower	Upper
63	100		
65	31.4	27.3	40.9

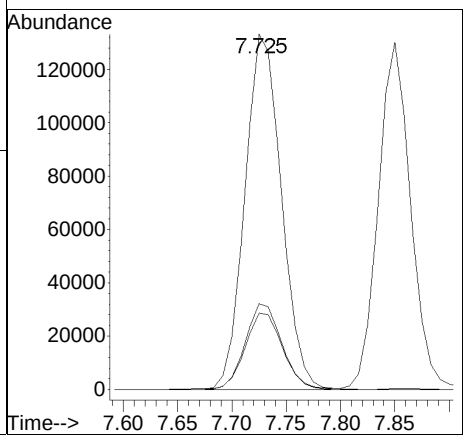


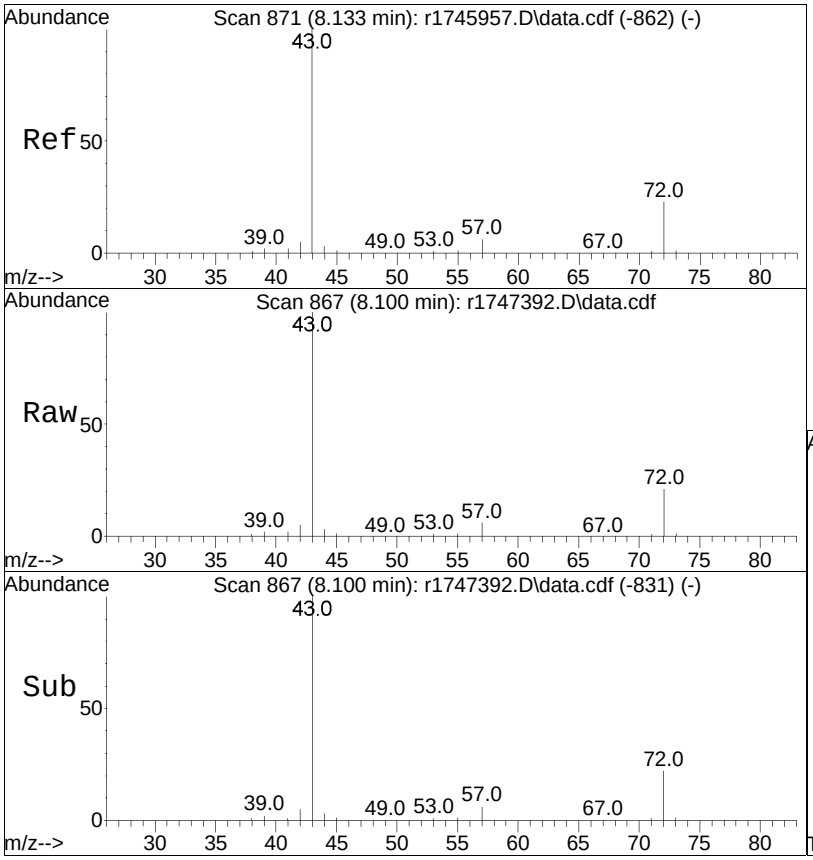


#34
MTBE
Concen: 9.92 ppbV
RT: 7.725 min Scan# 822
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 73 Resp: 310835

Ion	Ratio	Lower	Upper
73	100		
57	24.1	17.6	26.4
43	21.5	16.9	25.3

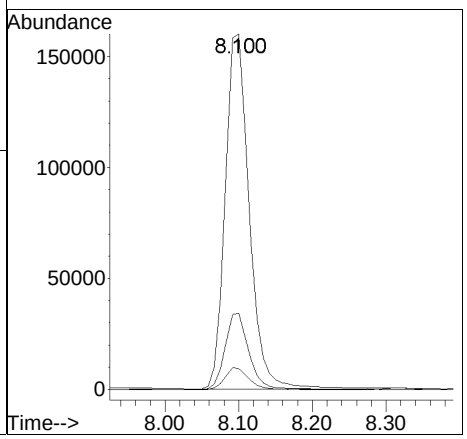


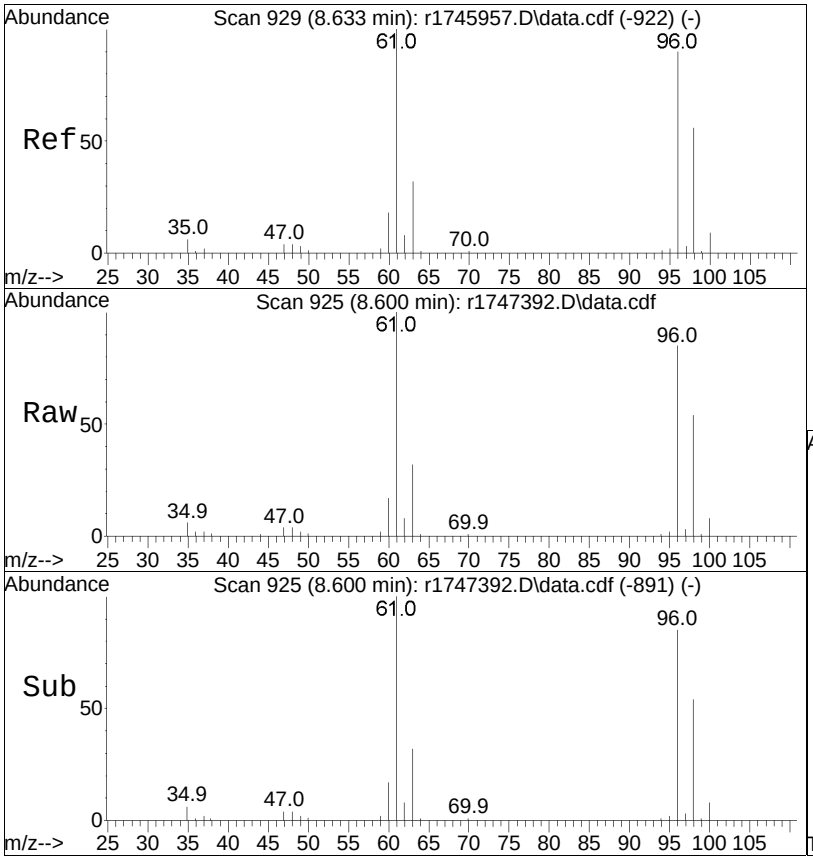


#36
2-butanone
Concen: 11.06 ppbV
RT: 8.100 min Scan# 867
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 43 Resp: 363751

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.1	27.1
57	5.9	4.6	6.8

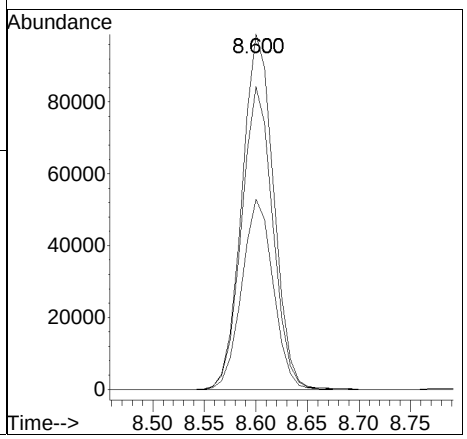


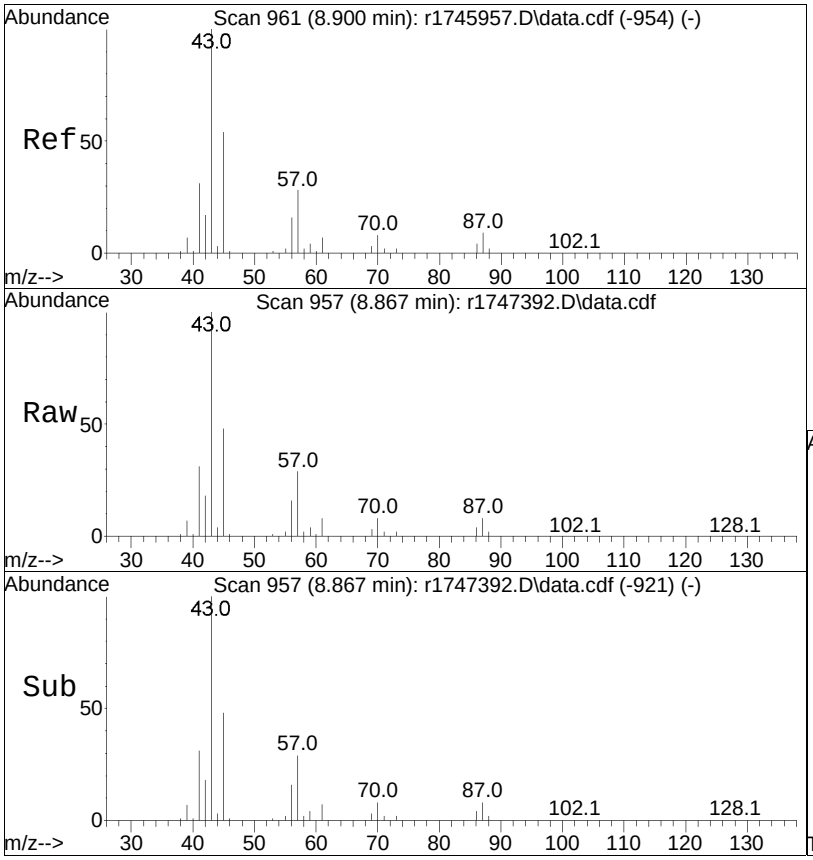


#37
cis-1,2-dichloroethene
Concen: 12.20 ppbV
RT: 8.600 min Scan# 925
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 61 Resp: 211817

Ion	Ratio	Lower	Upper
61	100		
96	85.2	71.6	107.4
98	53.6	45.1	67.7

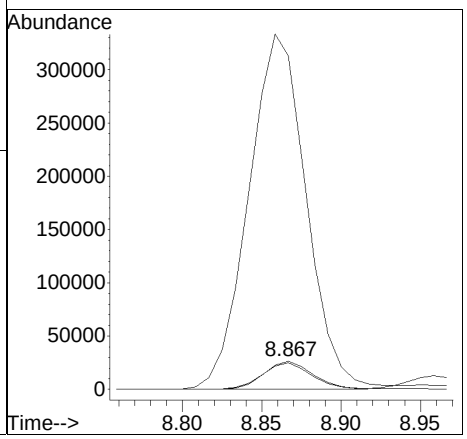


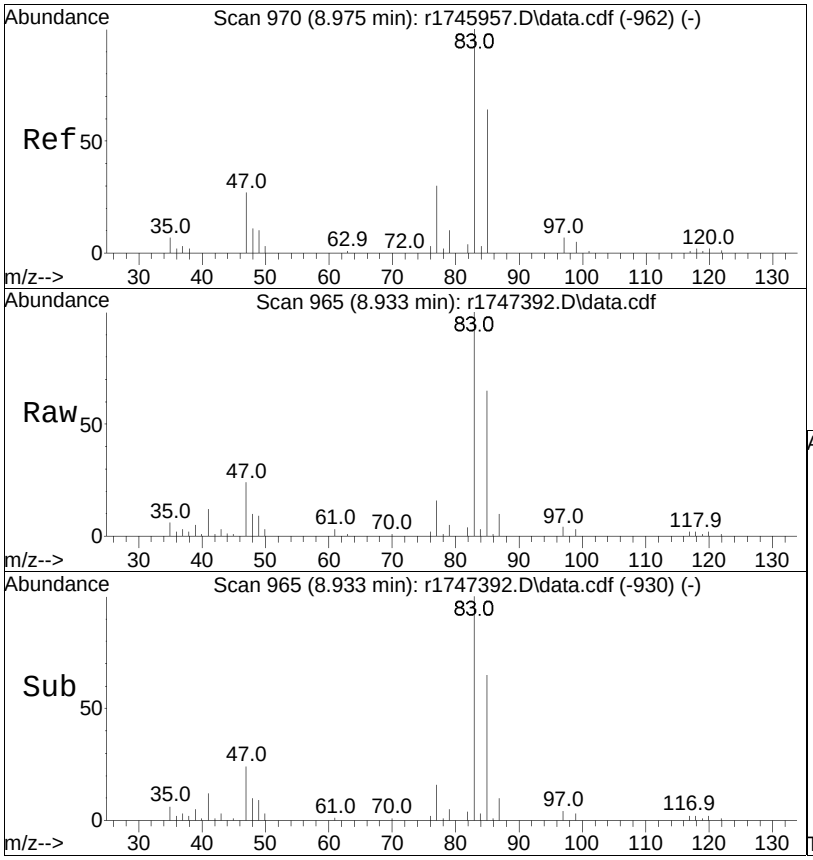


#38
Ethyl Acetate
Concen: 12.78 ppbV
RT: 8.867 min Scan# 957
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 61 Resp: 57321

Ion	Ratio	Lower	Upper
61	100		
70	94.5	85.8	128.8
43	1181.0	1077.6	1616.4

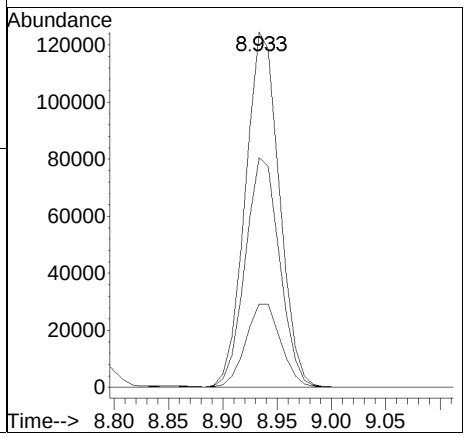


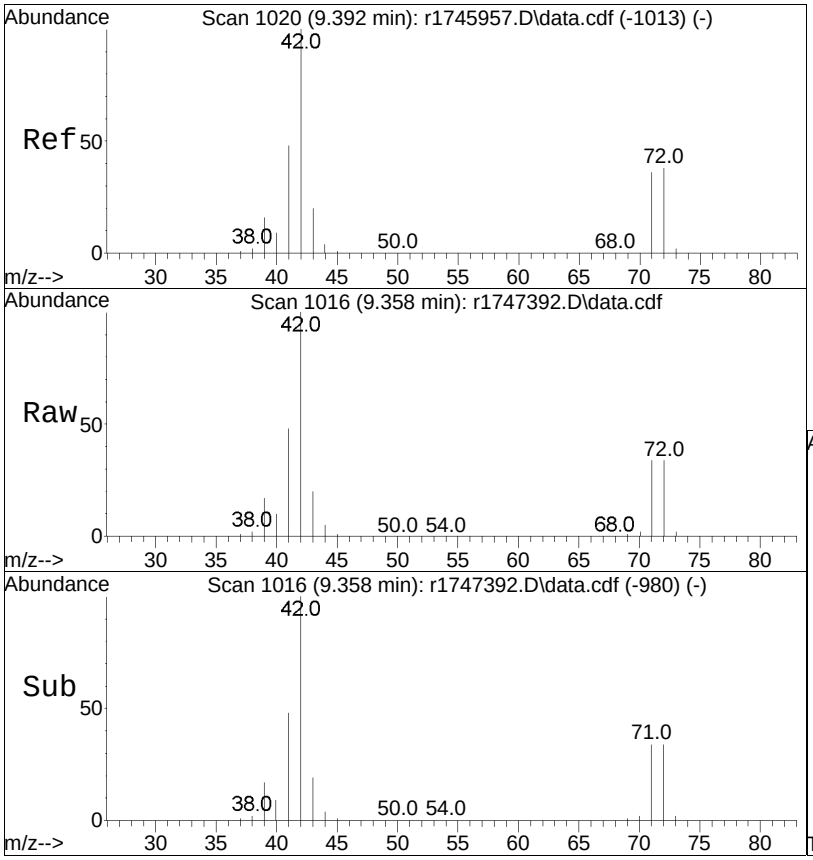


#39
chloroform
Concen: 11.32 ppbV
RT: 8.933 min Scan# 965
Delta R.T. -0.042 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 83 Resp: 272239

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4
47	23.5	21.4	32.2

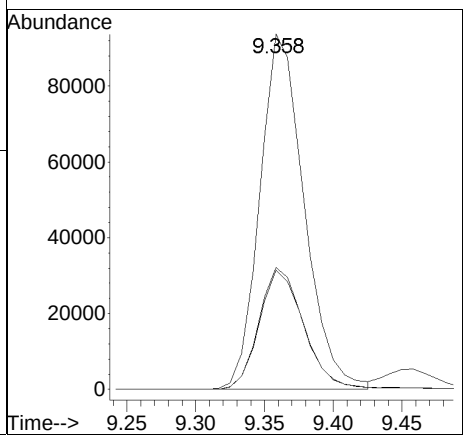


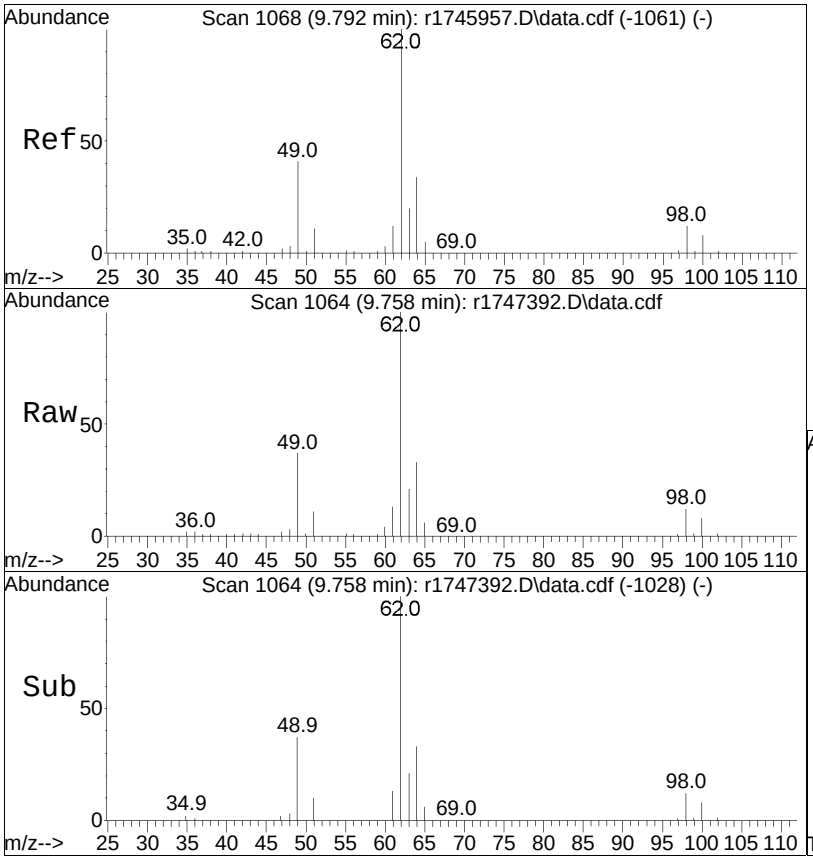


#40
Tetrahydrofuran
Concen: 10.83 ppbV
RT: 9.358 min Scan# 1016
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 42 Resp: 210181

Ion	Ratio	Lower	Upper
42	100		
71	33.6	28.9	43.3
72	34.3	30.1	45.1

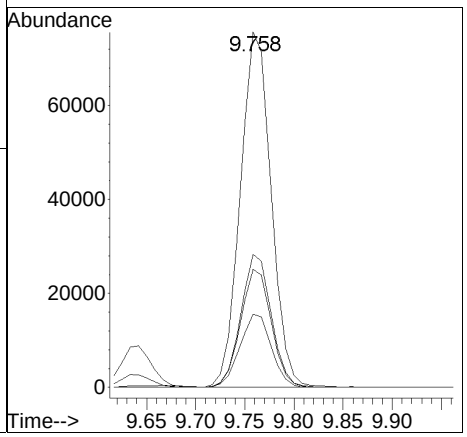


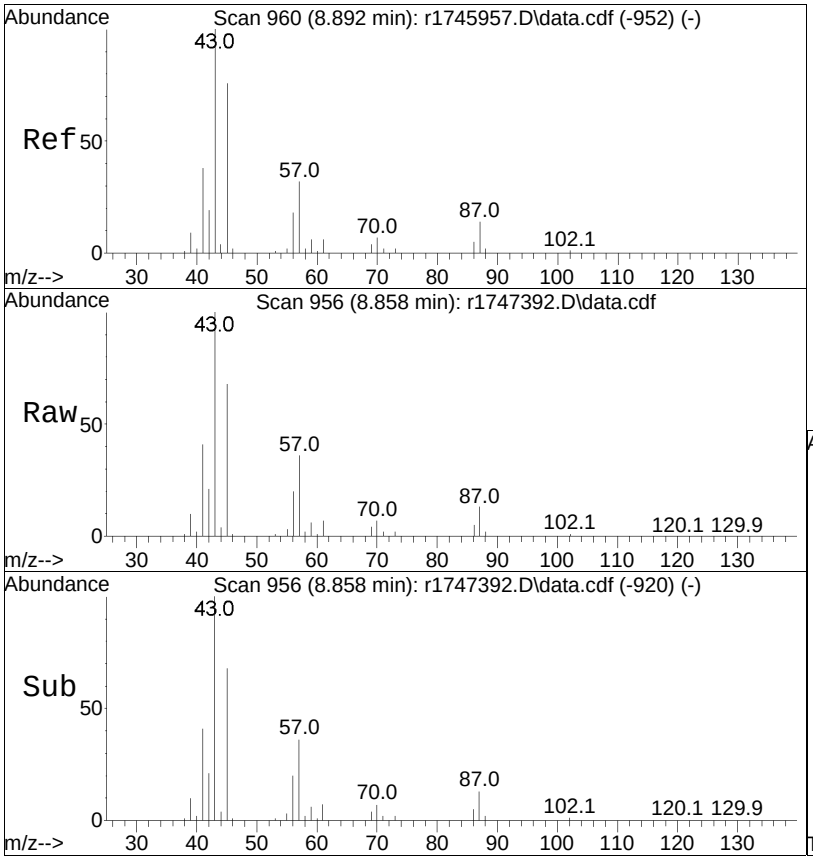


#42
1,2-dichloroethane
Concen: 11.59 ppbV
RT: 9.758 min Scan# 1064
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 62 Resp: 165370

Ion	Ratio	Lower	Upper
62	100		
64	33.2	27.0	40.4
49	37.5	32.5	48.7
63	20.6	15.8	23.6

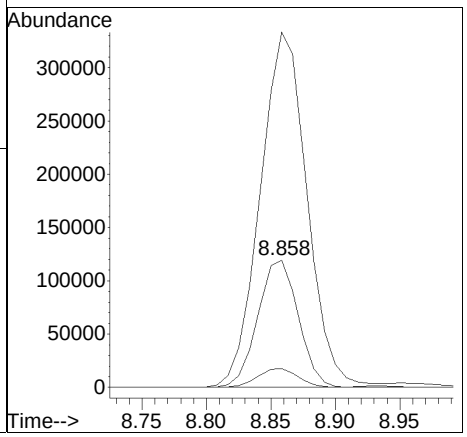


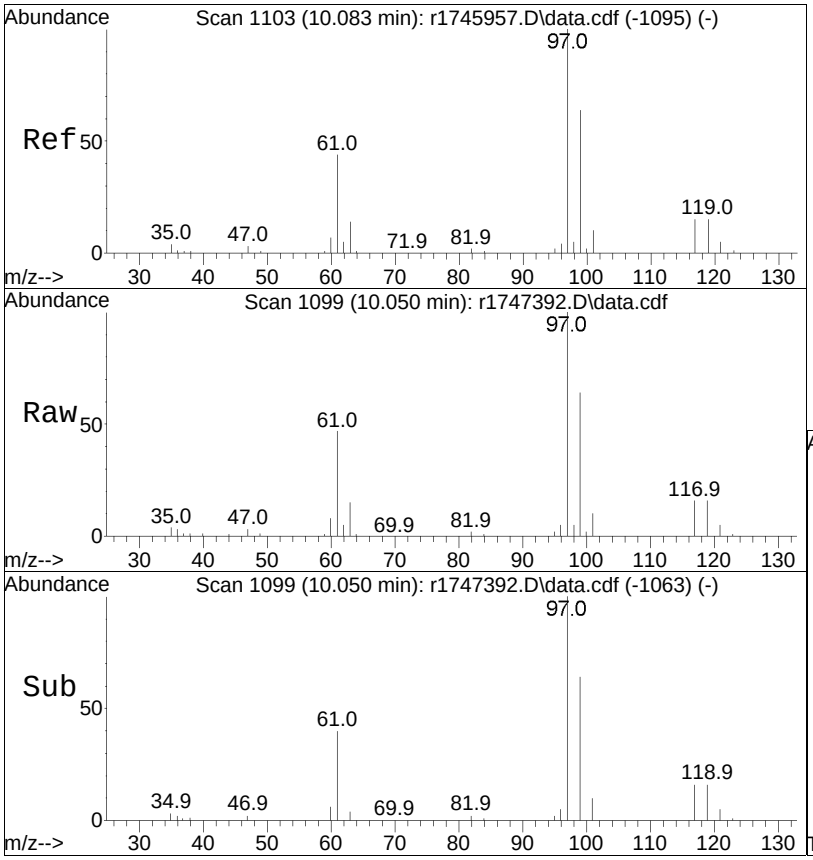


#44
hexane
Concen: 11.55 ppbV
RT: 8.858 min Scan# 956
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 57 Resp: 260807

Ion	Ratio	Lower	Upper
57	100		
43	279.4	247.4	371.0
86	14.8	12.9	19.3

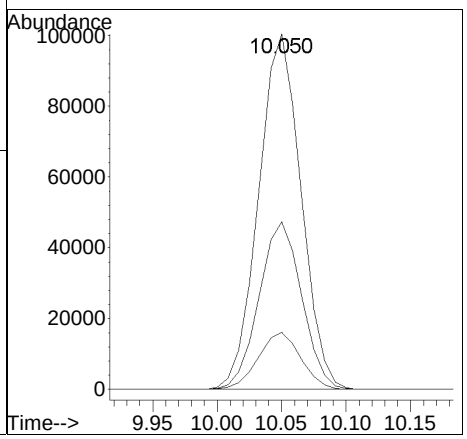


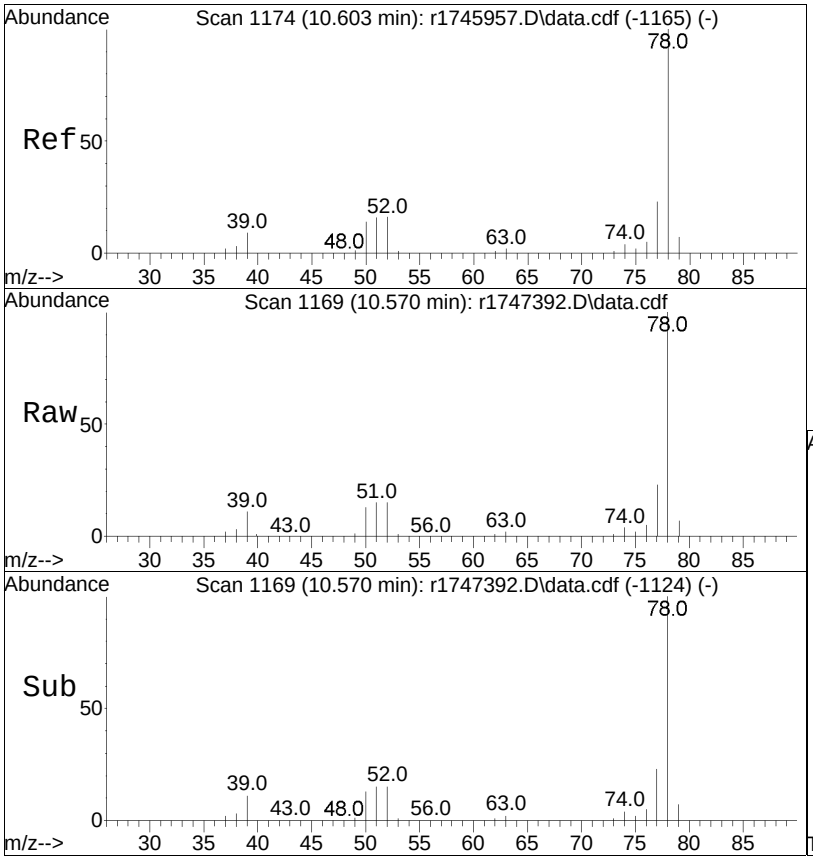


#48
1,1,1-trichloroethane
Concen: 11.05 ppbV
RT: 10.050 min Scan# 1099
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 97 Resp: 230034

Ion	Ratio	Lower	Upper
97	100		
61	47.2	35.0	52.6
119	16.1	12.2	18.2

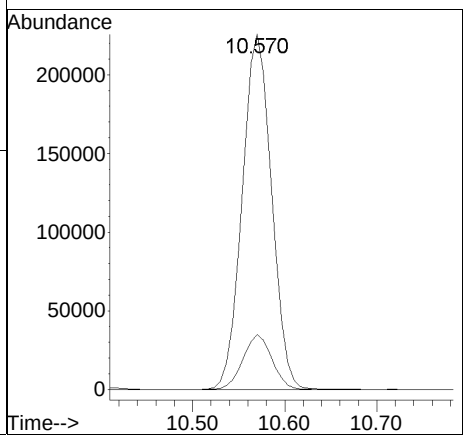


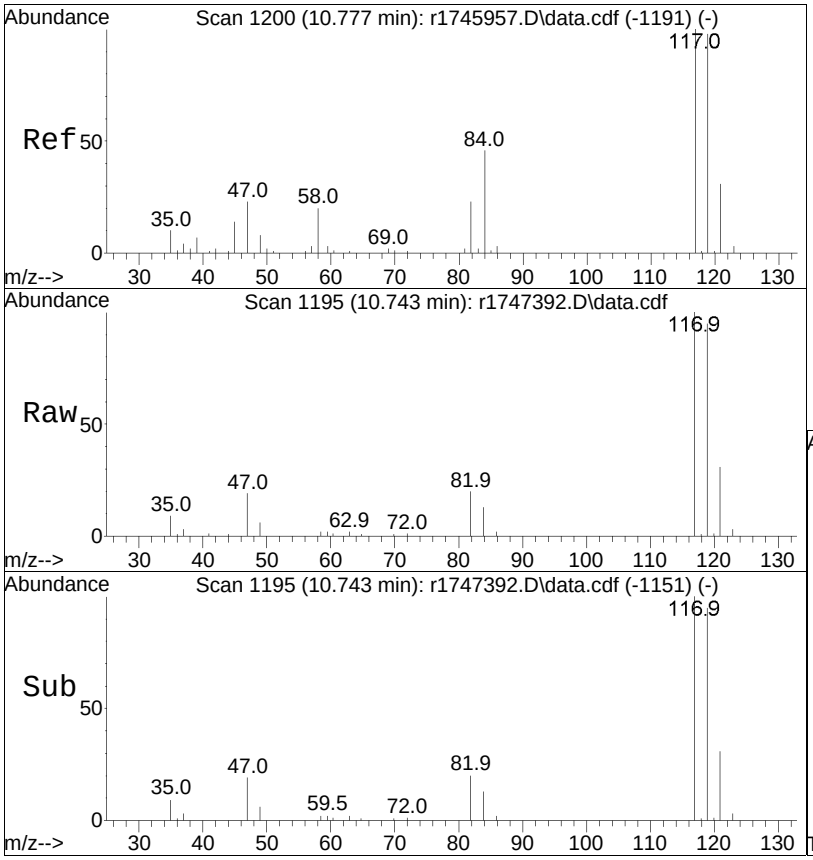


#50
benzene
Concen: 10.18 ppbV
RT: 10.570 min Scan# 1169
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 78 Resp: 499597

Ion	Ratio	Lower	Upper
78	100		
52	15.5	12.5	18.7

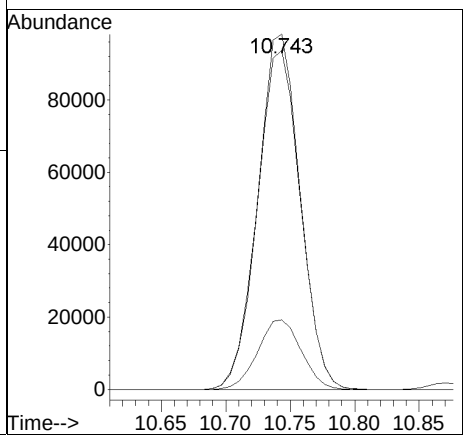


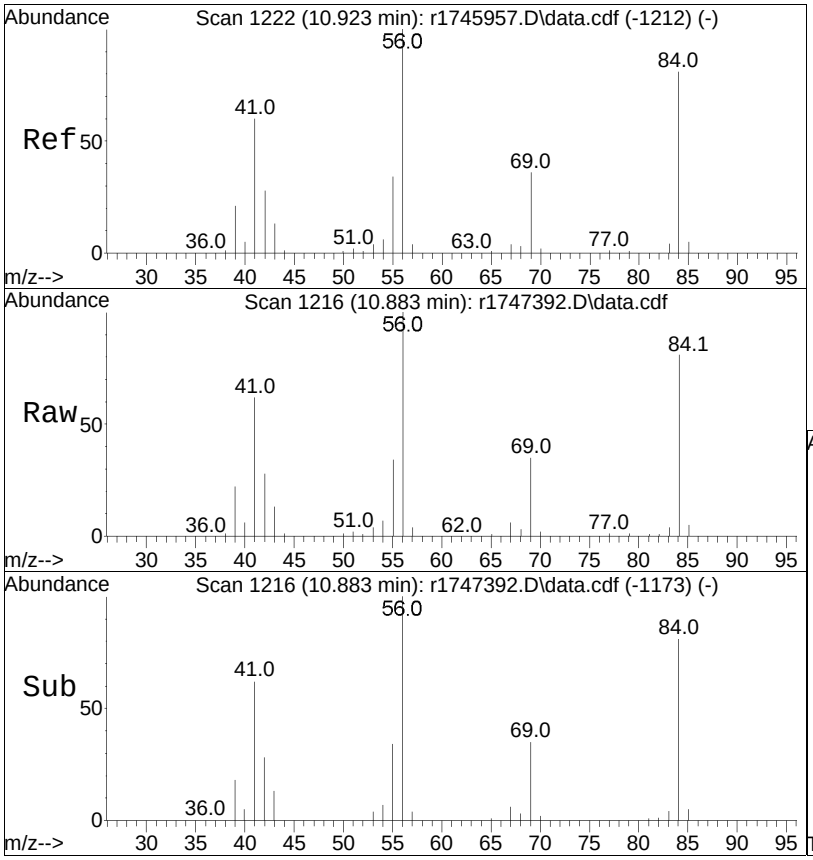


#52
carbon tetrachloride
Concen: 12.11 ppbV
RT: 10.743 min Scan# 1195
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:117 Resp: 224652

Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.2
82	19.6	18.6	28.0

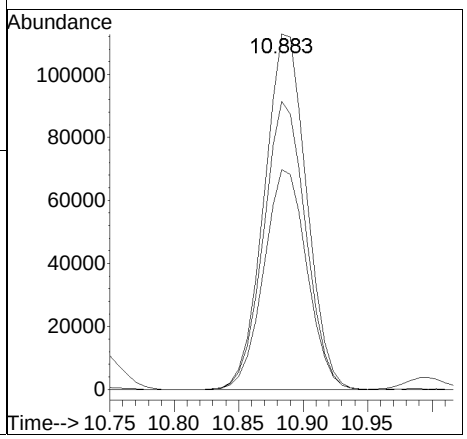


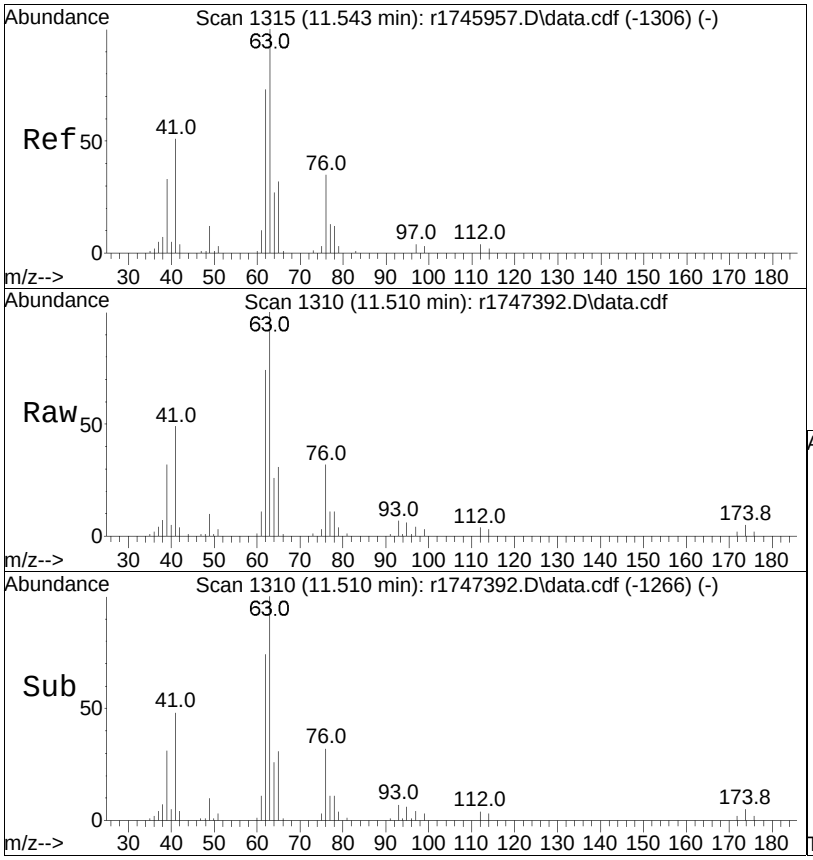


#53
cyclohexane
Concen: 10.73 ppbV
RT: 10.883 min Scan# 1216
Delta R.T. -0.040 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 56 Resp: 257925

Ion	Ratio	Lower	Upper
56	100		
84	81.1	65.4	98.0
41	61.9	48.2	72.4

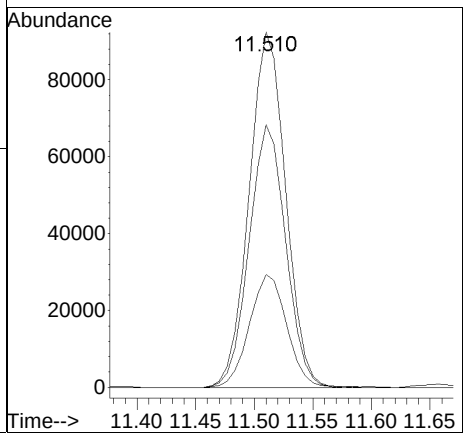


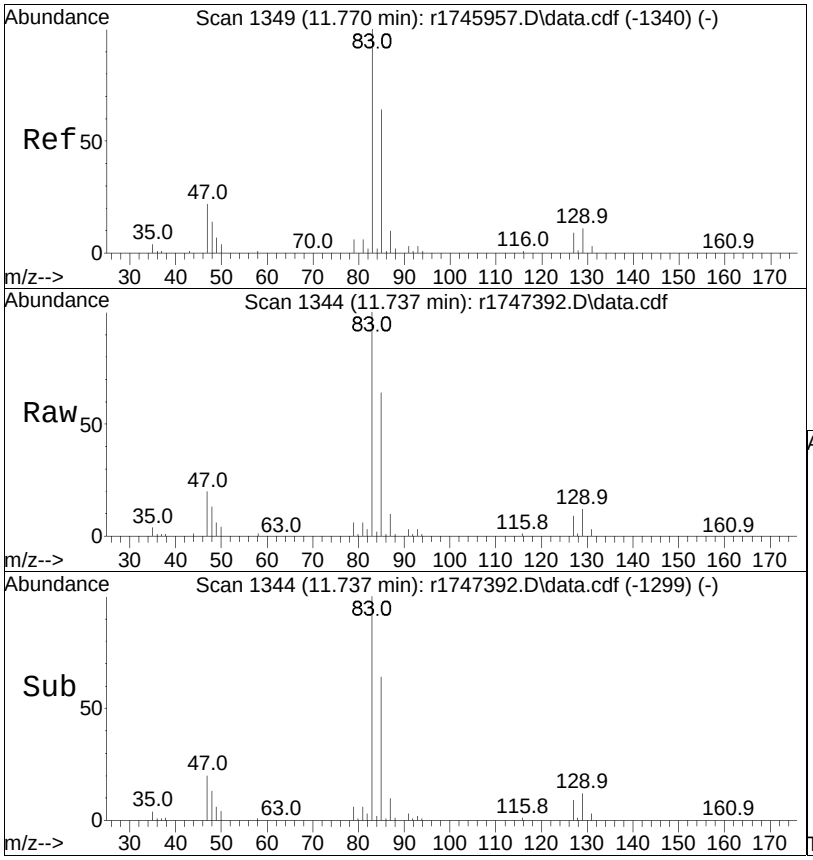


#56
1,2-dichloropropane
Concen: 11.90 ppbV
RT: 11.510 min Scan# 1310
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 63 Resp: 200386

Ion	Ratio	Lower	Upper
63	100		
62	73.9	58.6	88.0
39	31.8	26.7	40.1

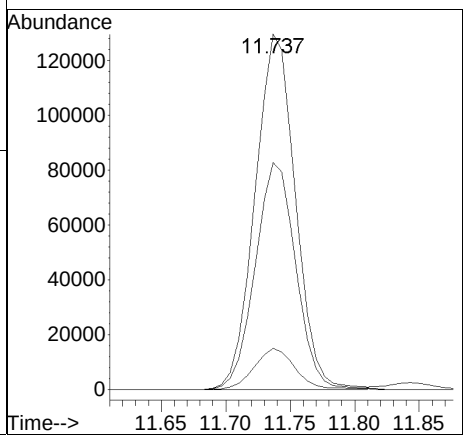


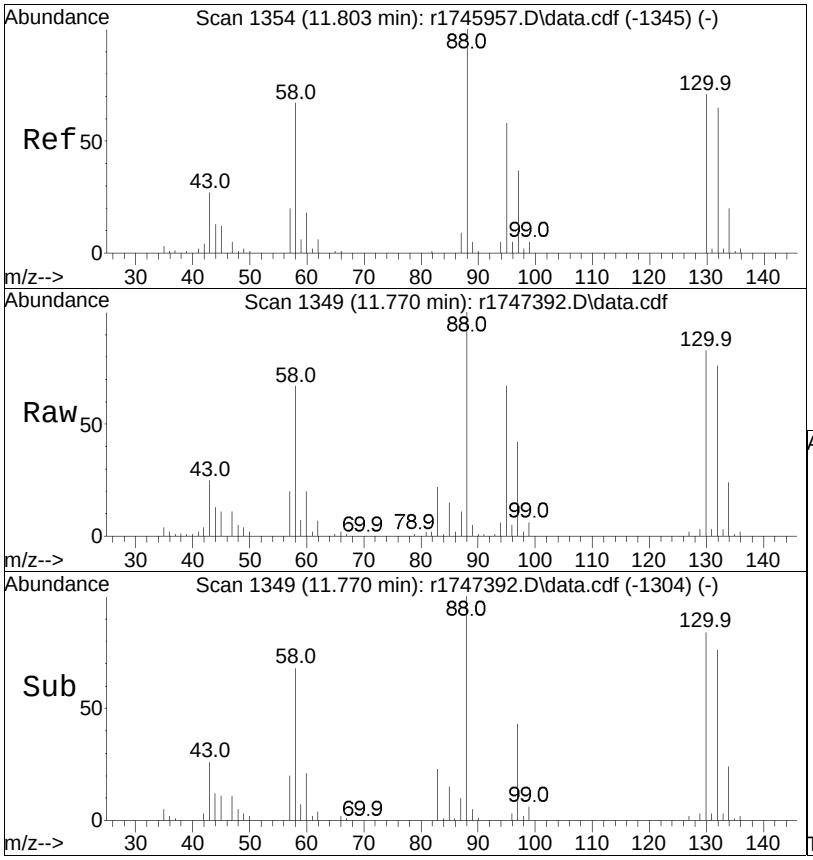


#57
bromodichloromethane
Concen: 11.72 ppbV
RT: 11.737 min Scan# 1344
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 83 Resp: 281132

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6
129	11.6	9.0	13.4

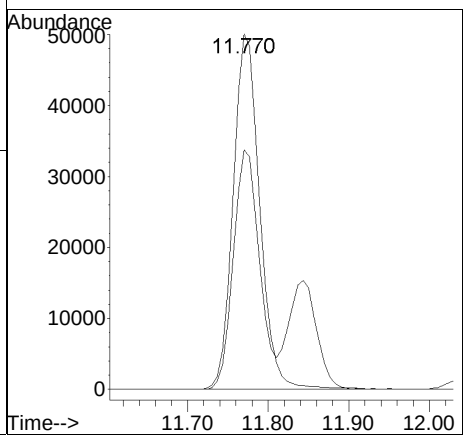


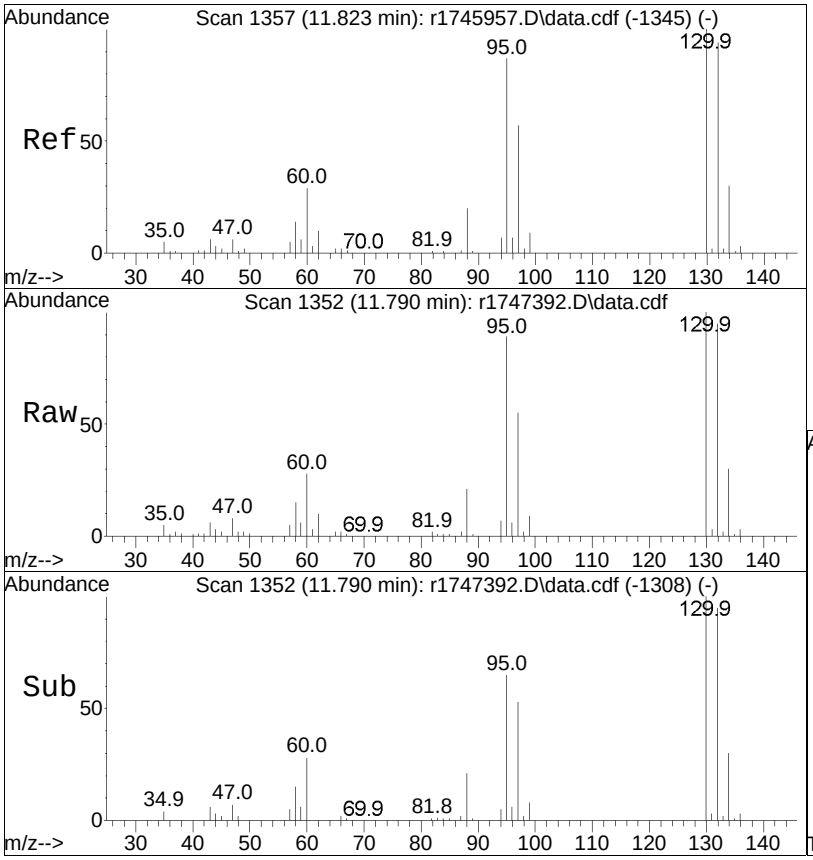


#58
1,4-dioxane
Concen: 11.49 ppbV
RT: 11.770 min Scan# 1349
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 88 Resp: 114769

Ion	Ratio	Lower	Upper
88	100		
58	67.4	53.8	80.6

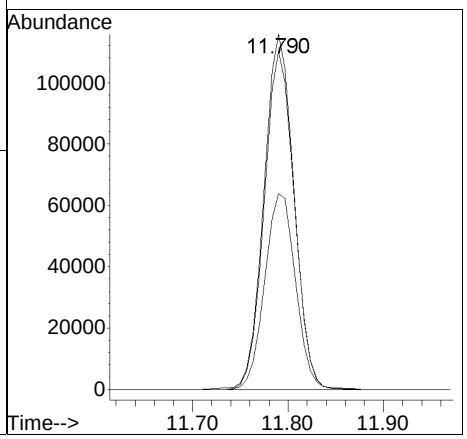


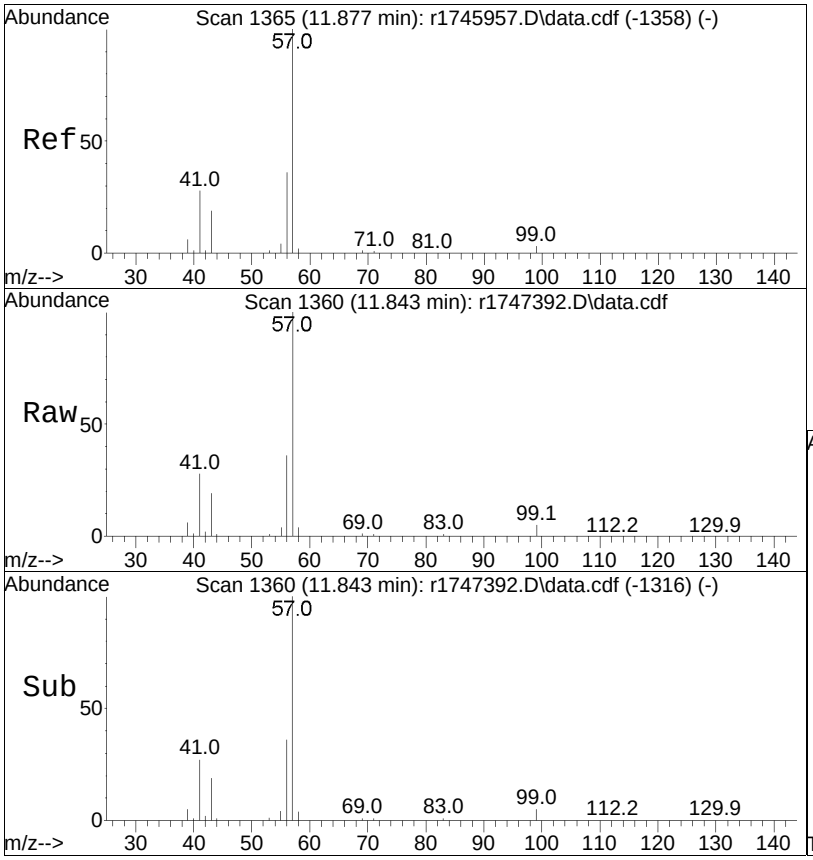


#59
trichloroethene
Concen: 11.40 ppbV
RT: 11.790 min Scan# 1352
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:130 Resp: 252626

Ion	Ratio	Lower	Upper
130	100		
132	95.1	75.5	113.3
97	55.1	45.9	68.9

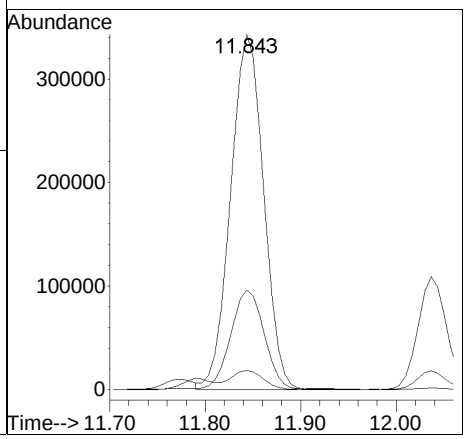


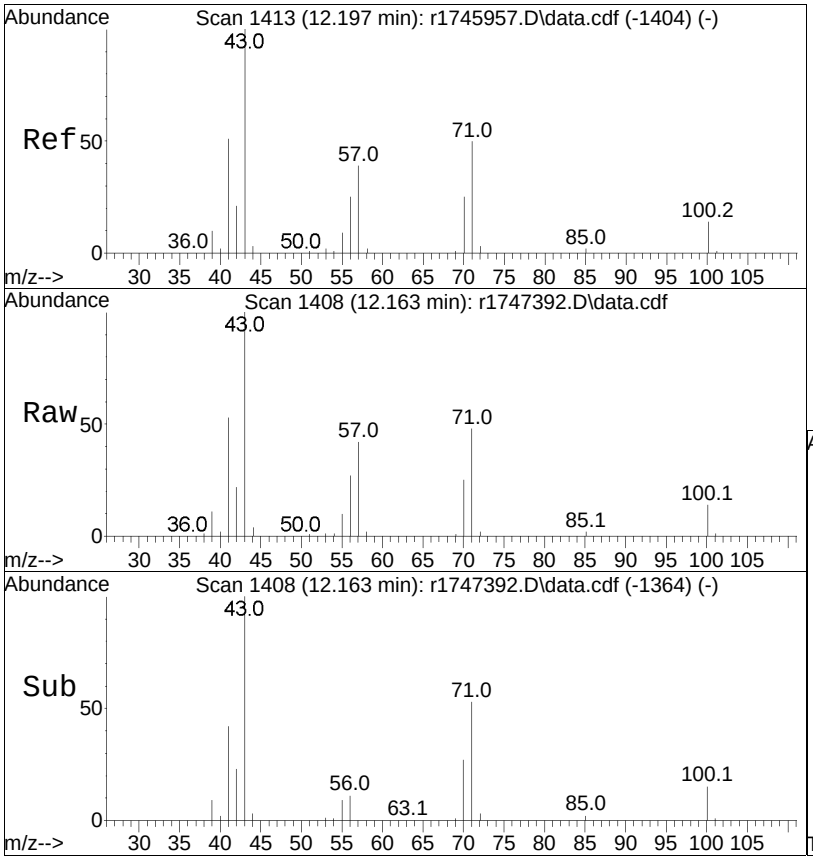


#60
2,2,4-trimethylpentane
Concen: 11.34 ppbV
RT: 11.843 min Scan# 1360
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 57 Resp: 822483

Ion	Ratio	Lower	Upper
57	100		
99	5.3	4.6	6.8
41	28.0	22.3	33.5

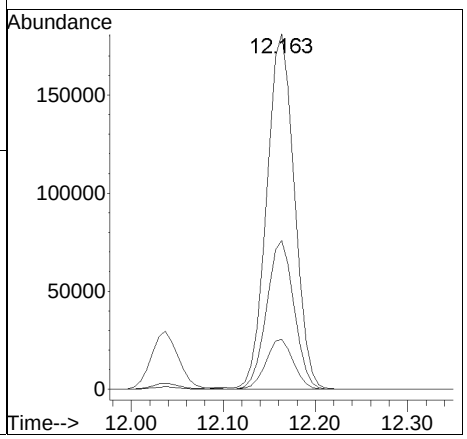


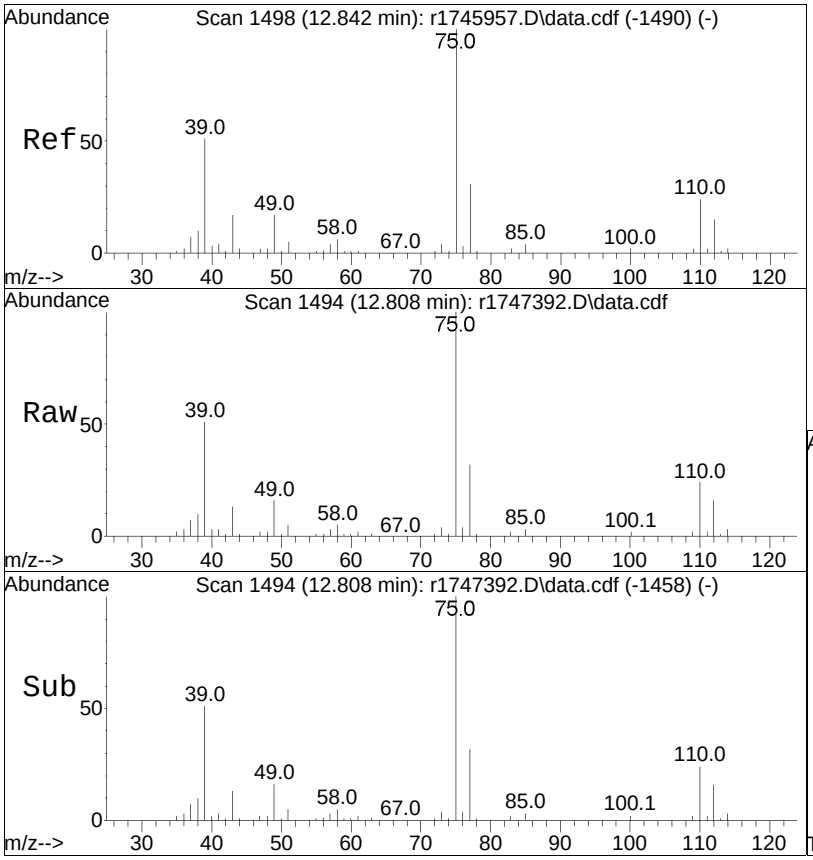


#62
heptane
Concen: 11.21 ppbV
RT: 12.163 min Scan# 1408
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 43 Resp: 380436

Ion	Ratio	Lower	Upper
43	100		
57	41.9	31.1	46.7
100	14.1	11.4	17.2

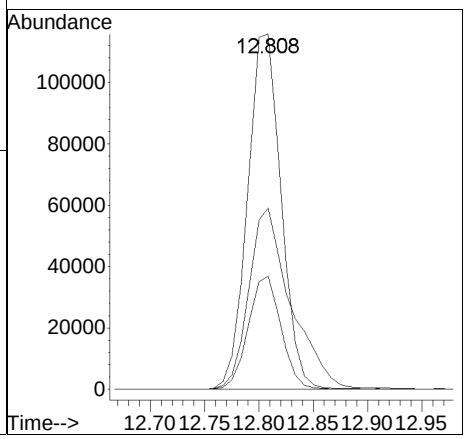


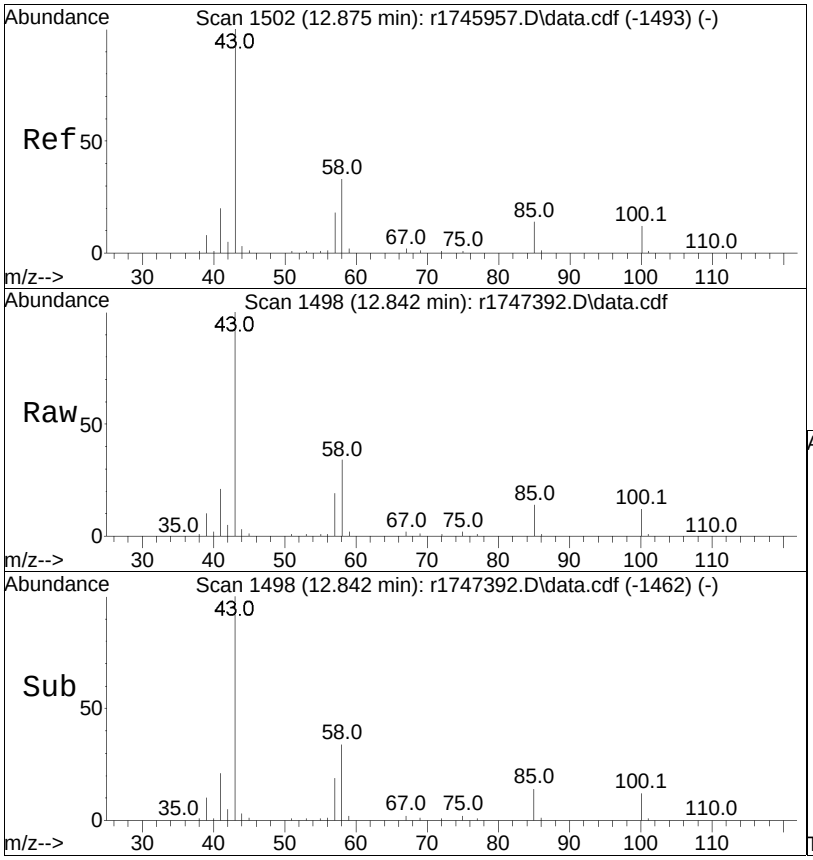


#63
cis-1,3-dichloropropene
Concen: 10.99 ppbV
RT: 12.808 min Scan# 1494
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 75 Resp: 249218

Ion	Ratio	Lower	Upper
75	100		
39	51.0	40.8	61.2
77	31.8	25.0	37.6

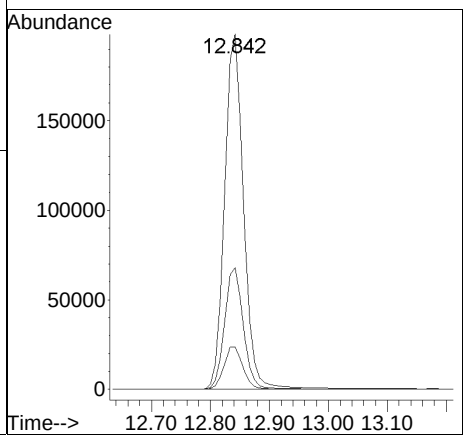


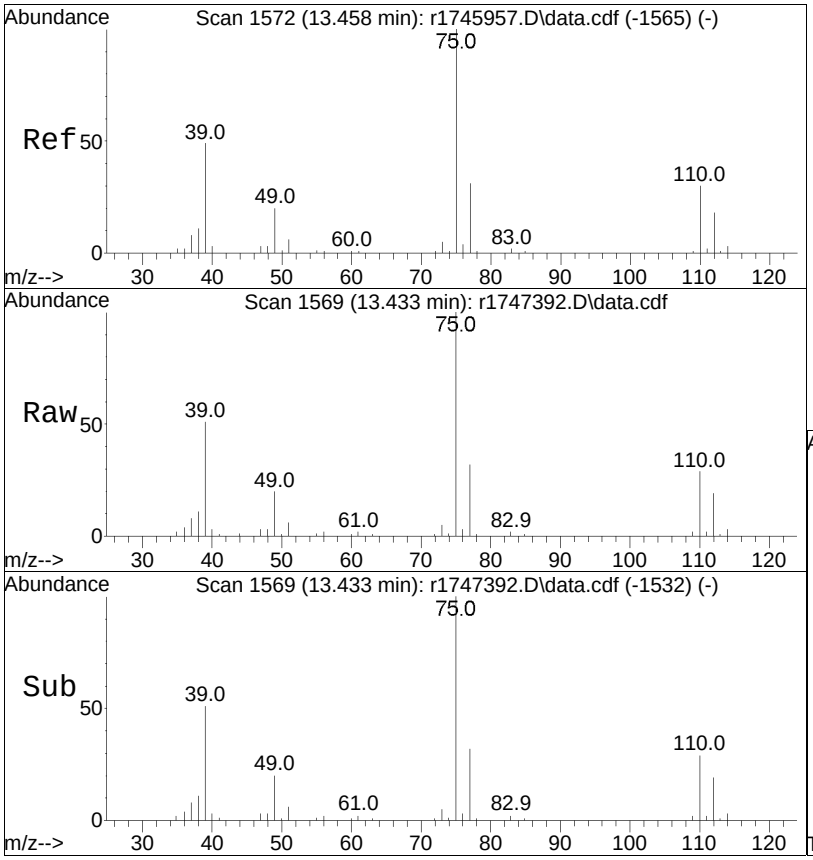


#64
4-methyl-2-pentanone
Concen: 11.09 ppbV
RT: 12.842 min Scan# 1498
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 43 Resp: 446052

Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.0	39.0
100	11.9	9.8	14.6

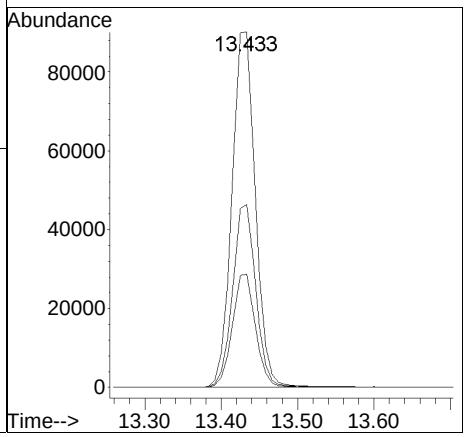


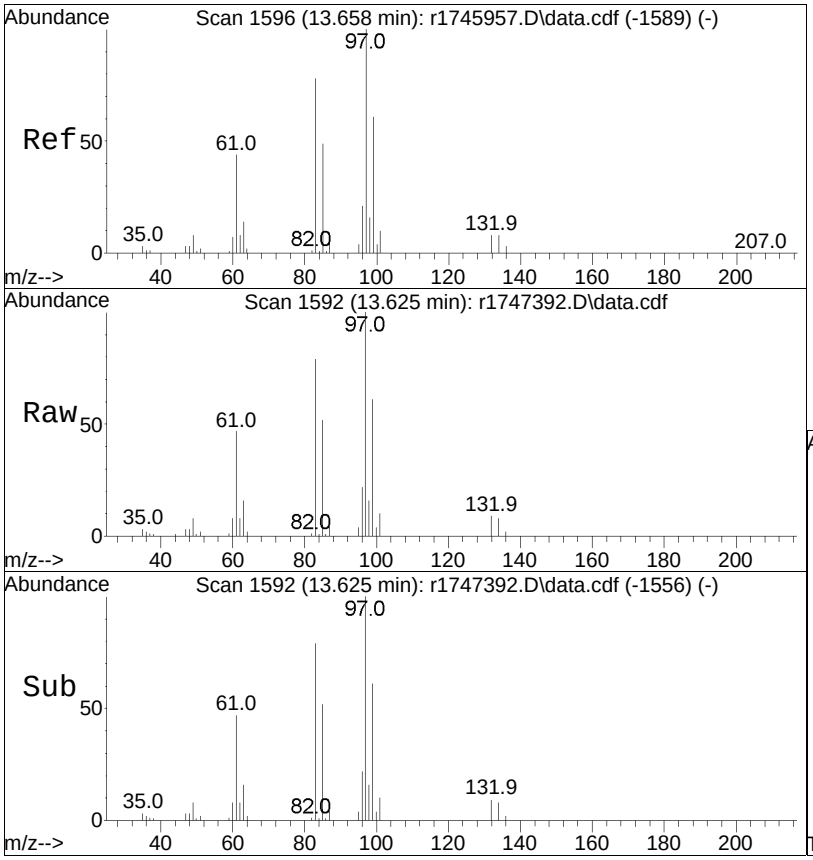


#65
trans-1,3-dichloropropene
Concen: 11.62 ppbV
RT: 13.433 min Scan# 1569
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 75 Resp: 192729

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	51.5	39.4	59.2

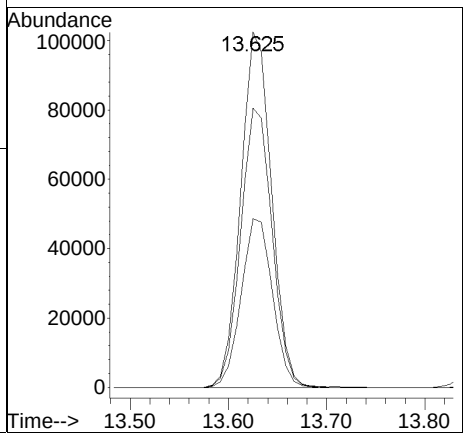


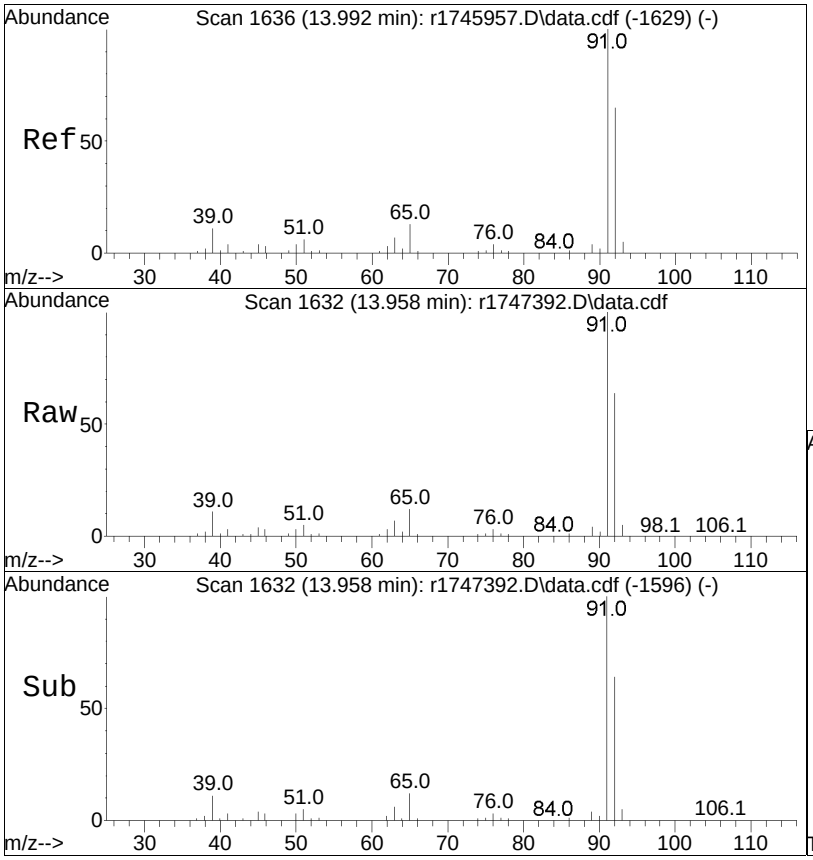


#66
1,1,2-trichloroethane
Concen: 11.57 ppbV
RT: 13.625 min Scan# 1592
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 97 Resp: 223344

Ion	Ratio	Lower	Upper
97	100		
83	78.6	62.6	93.8
61	47.5	35.5	53.3

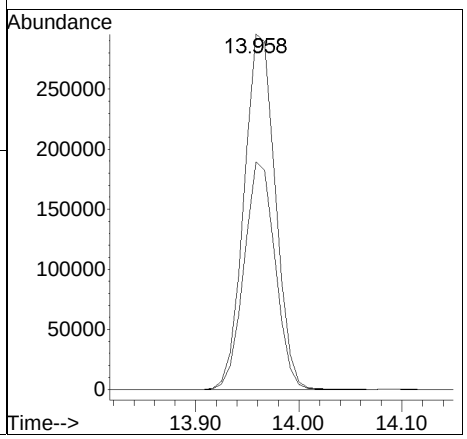


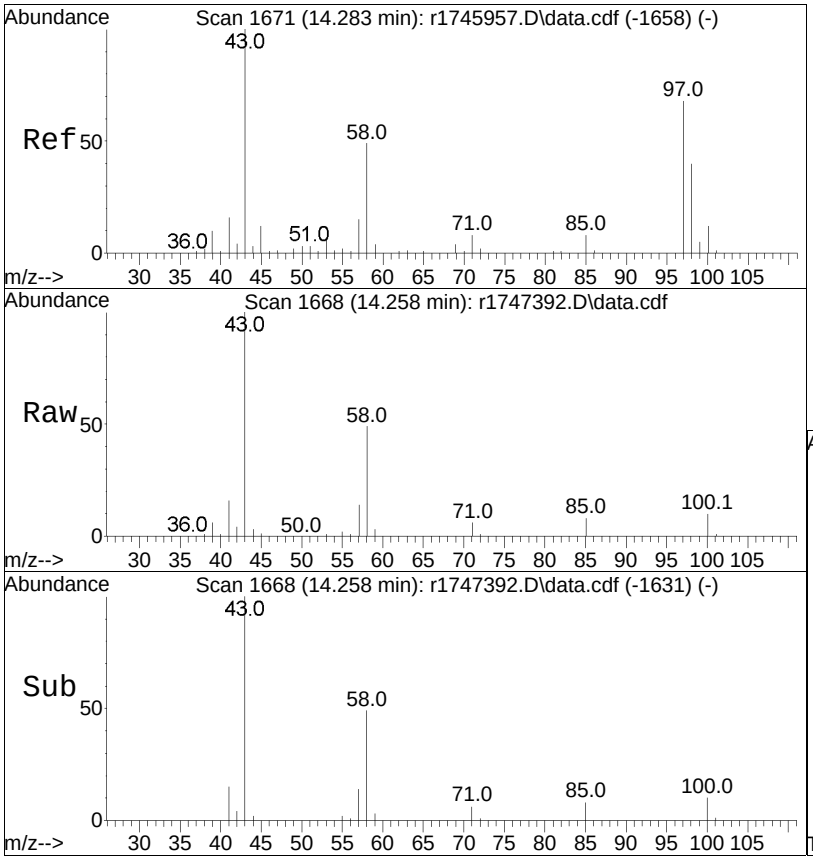


#68
toluene
Concen: 11.17 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 91 Resp: 623969

Ion	Ratio	Lower	Upper
91	100		
92	64.0	51.7	77.5

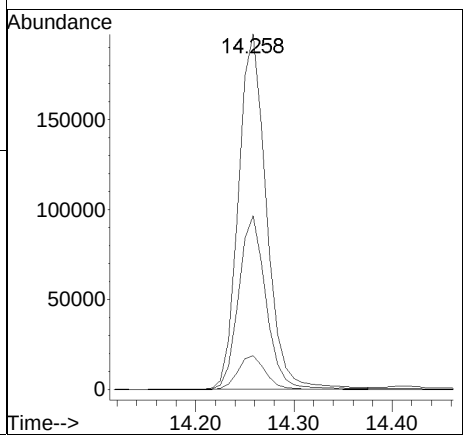


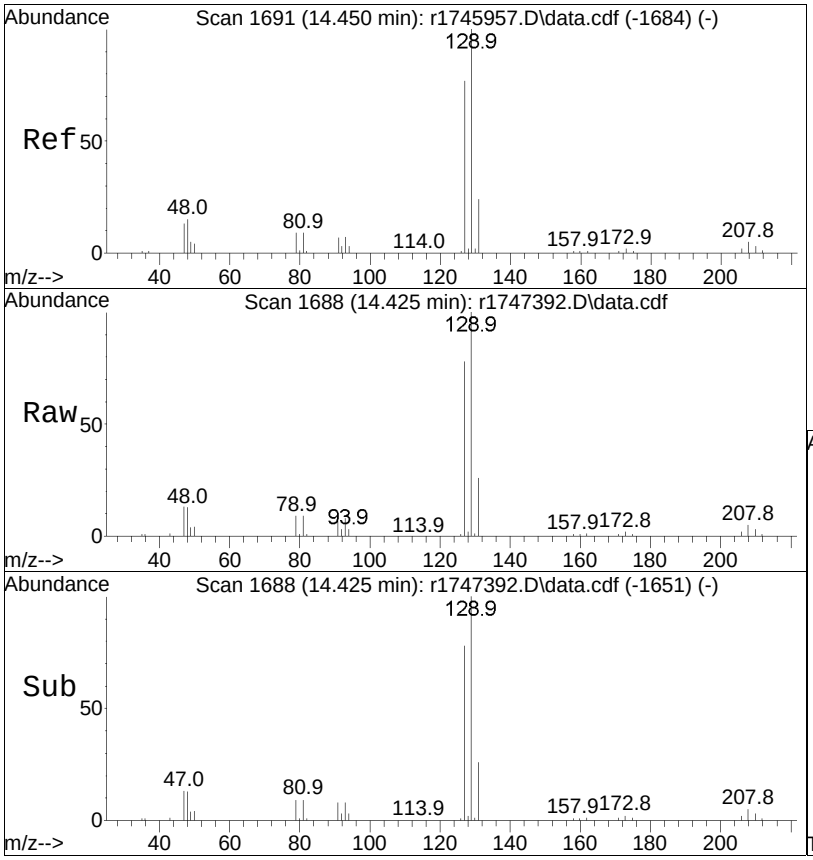


#72
2-hexanone
Concen: 10.29 ppbV
RT: 14.258 min Scan# 1668
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 43 Resp: 391383

Ion	Ratio	Lower	Upper
43	100		
58	48.9	38.8	58.2
100	9.5	9.3	13.9

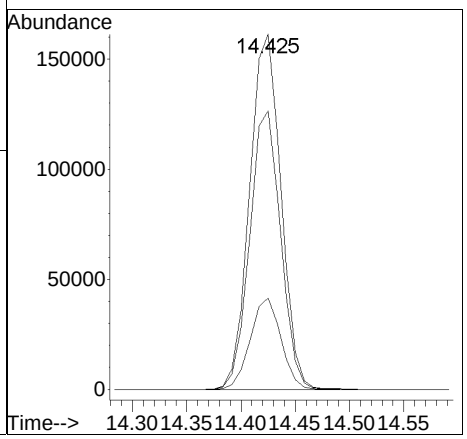


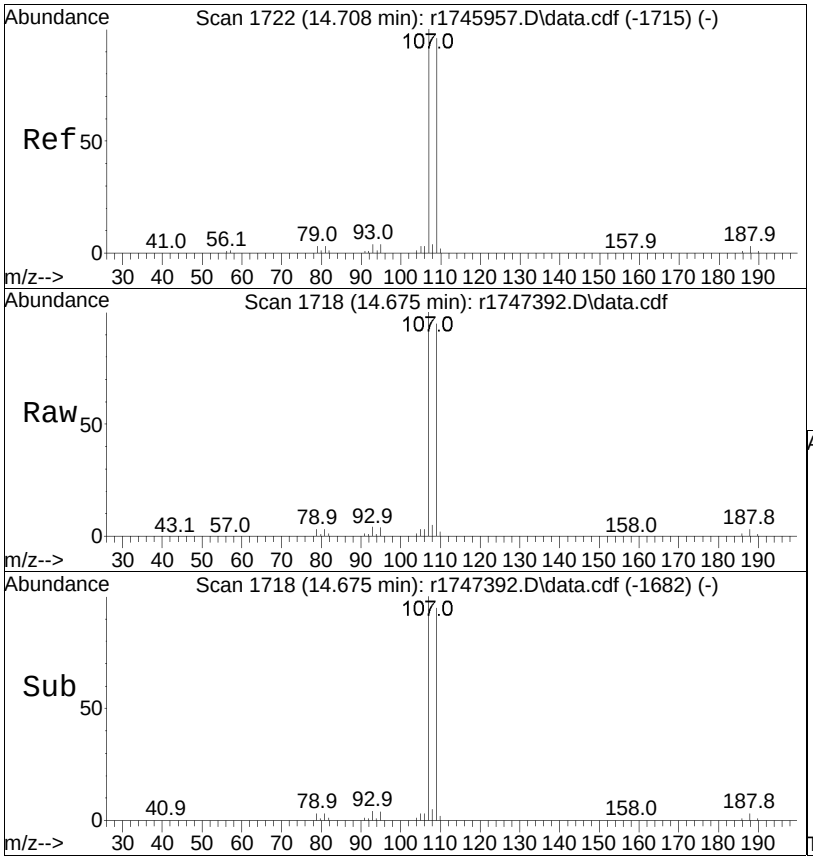


#74
dibromochloromethane
Concen: 13.35 ppbV
RT: 14.425 min Scan# 1688
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:129 Resp: 323773

Ion	Ratio	Lower	Upper
129	100		
127	78.4	61.9	92.9
131	25.7	19.3	28.9

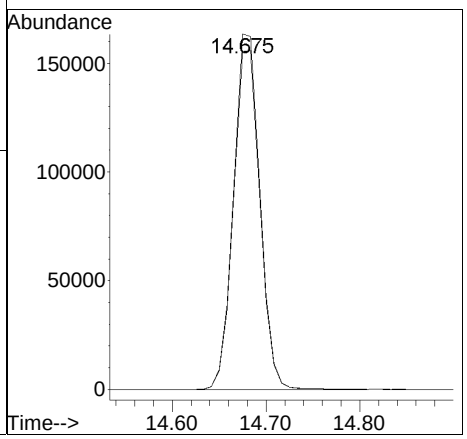


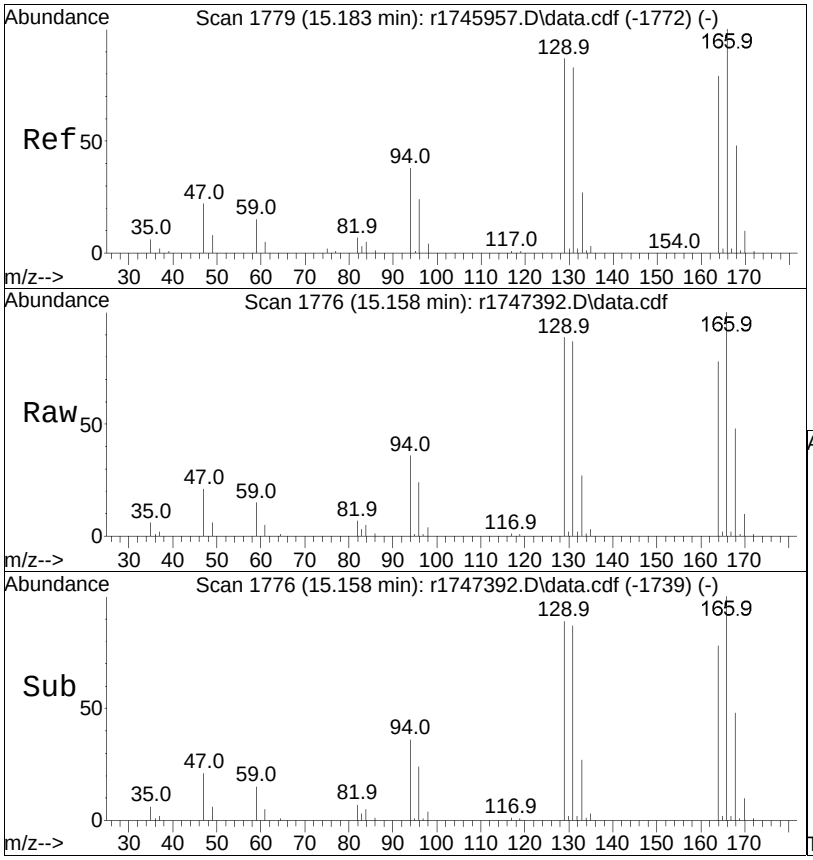


#75
1,2-dibromoethane
Concen: 11.57 ppbV
RT: 14.675 min Scan# 1718
Delta R.T. -0.033 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:107 Resp: 320935

Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.5	114.7

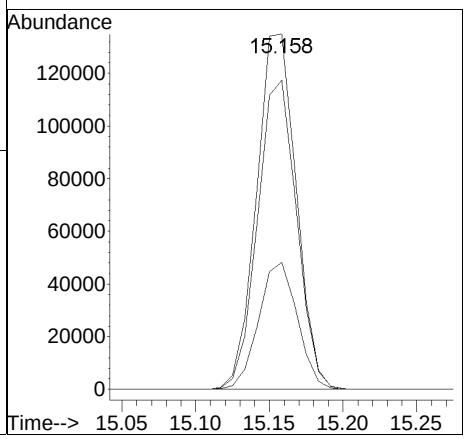


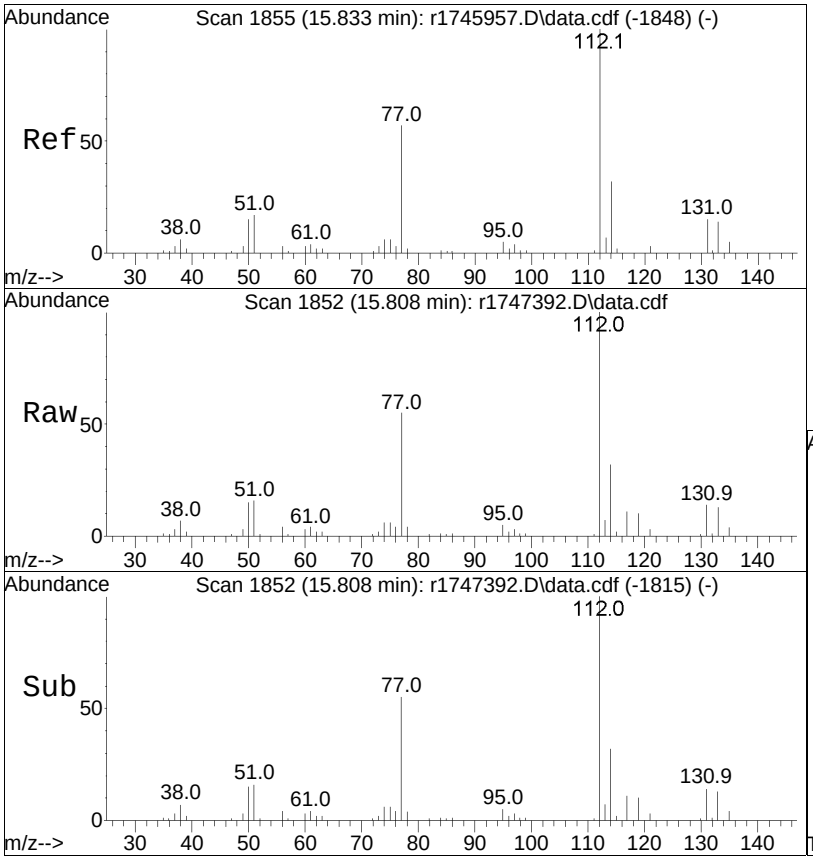


#78
tetrachloroethene
Concen: 11.10 ppbV
RT: 15.158 min Scan# 1776
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:166 Resp: 253757

Ion	Ratio	Lower	Upper
166	100		
131	87.0	66.4	99.6
94	35.8	30.1	45.1

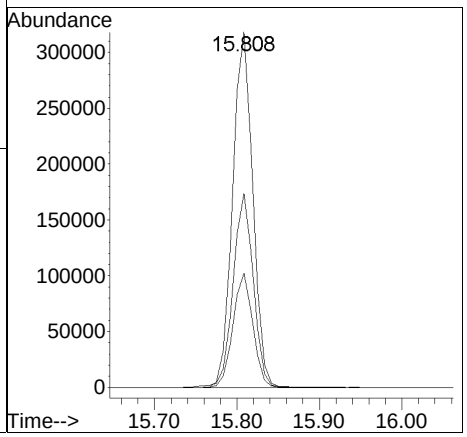


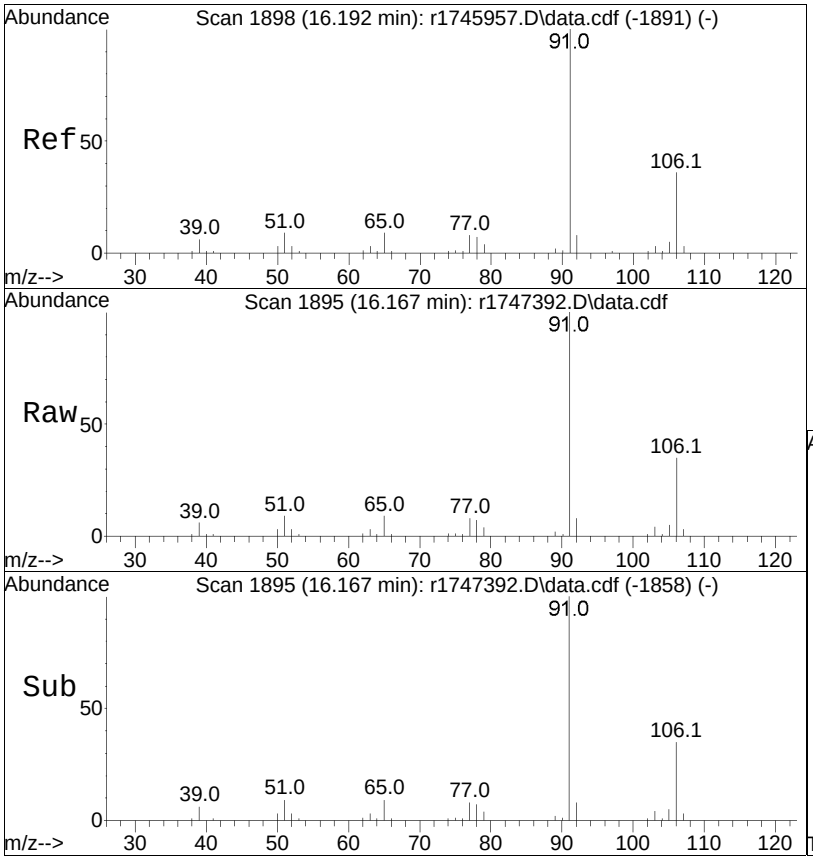


#80
chlorobenzene
Concen: 11.43 ppbV
RT: 15.808 min Scan# 1852
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:112 Resp: 539277

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3
77	54.6	45.7	68.5

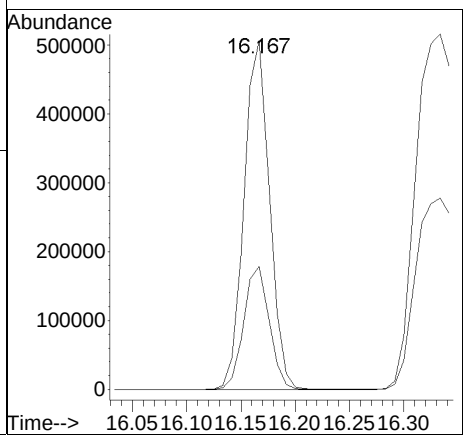


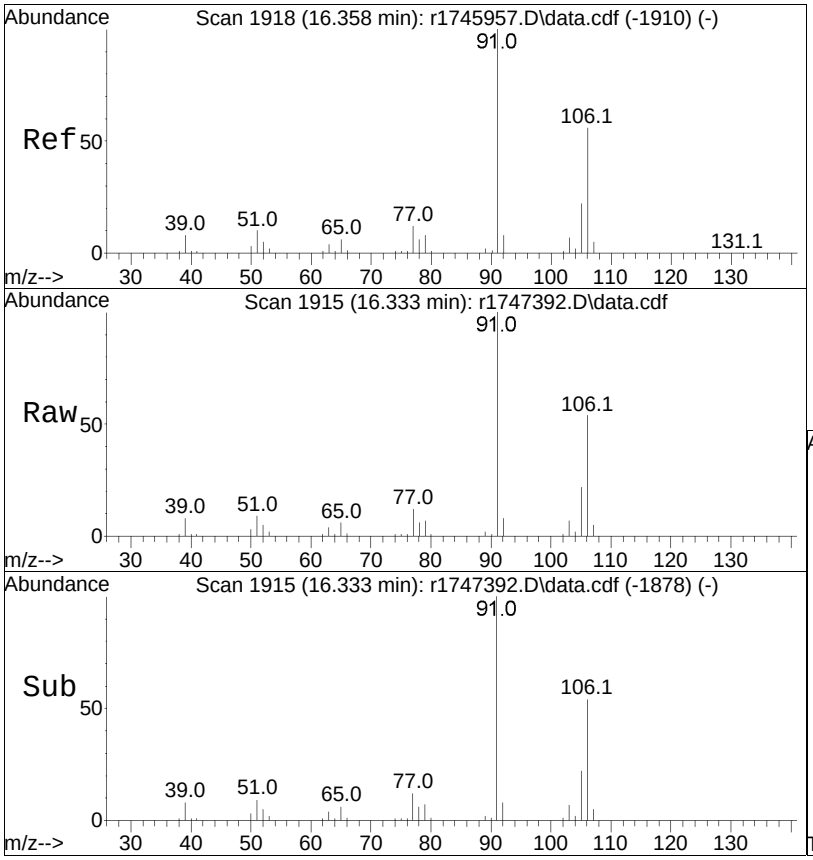


#81
ethylbenzene
Concen: 11.51 ppbV
RT: 16.167 min Scan# 1895
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 91 Resp: 824998

Ion	Ratio	Lower	Upper
91	100		
106	35.3	28.5	42.7

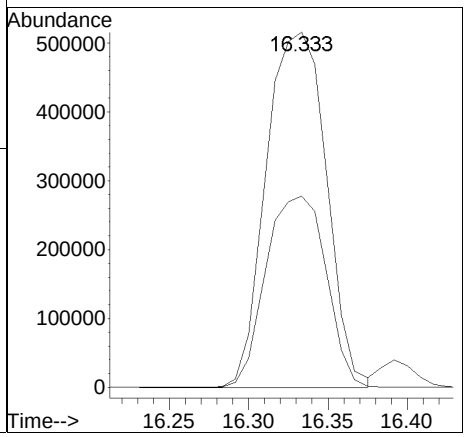


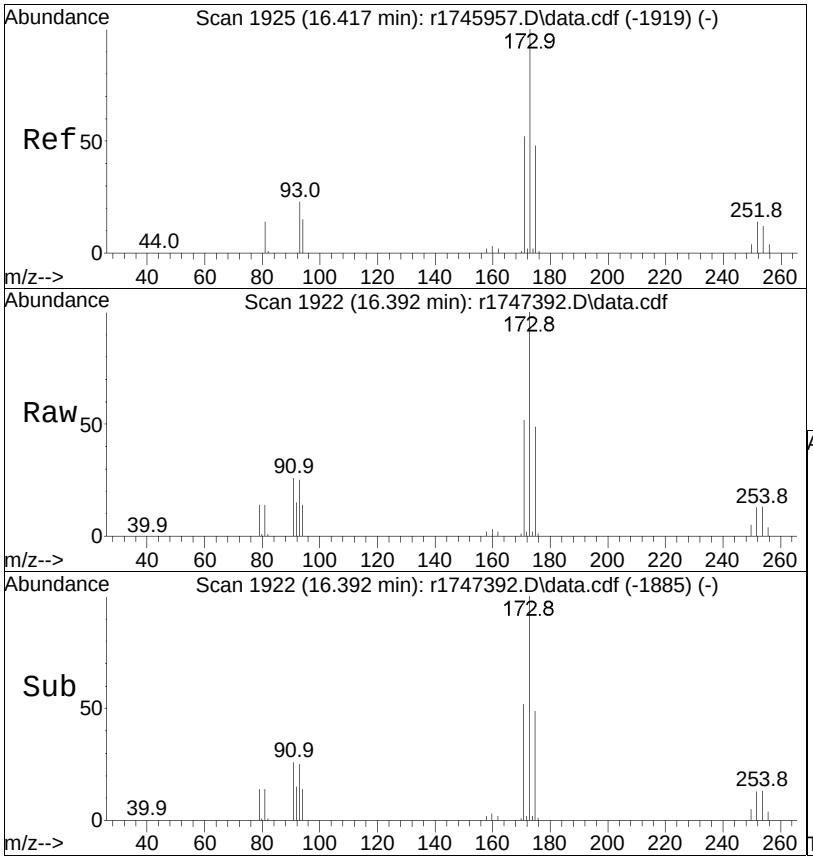


#83
m+p-xylene
Concen: 23.96 ppbV
RT: 16.333 min Scan# 1915
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 91 Resp: 1357500

Ion	Ratio	Lower	Upper
91	100		
106	53.8	44.7	67.1

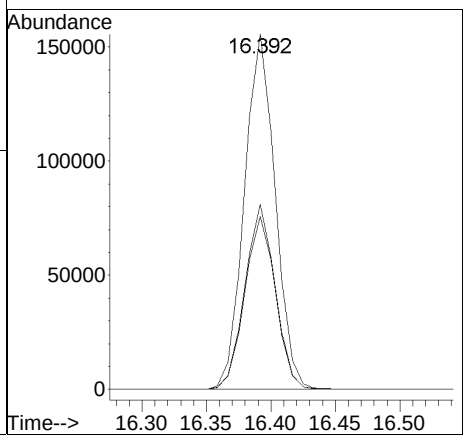


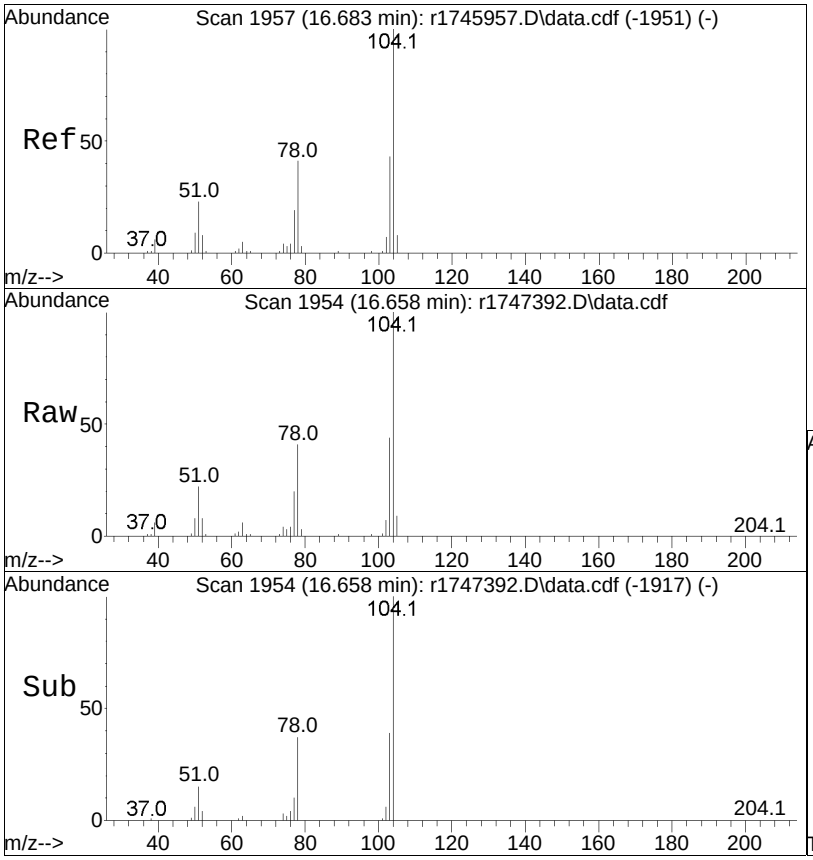


#84
bromoform
Concen: 13.91 ppbV
RT: 16.392 min Scan# 1922
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:173 Resp: 258594

Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.6	58.0
171	52.2	41.8	62.6

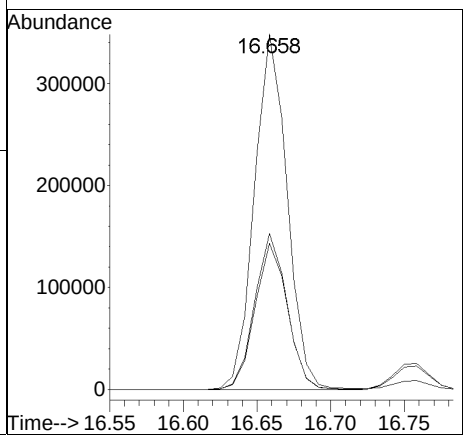


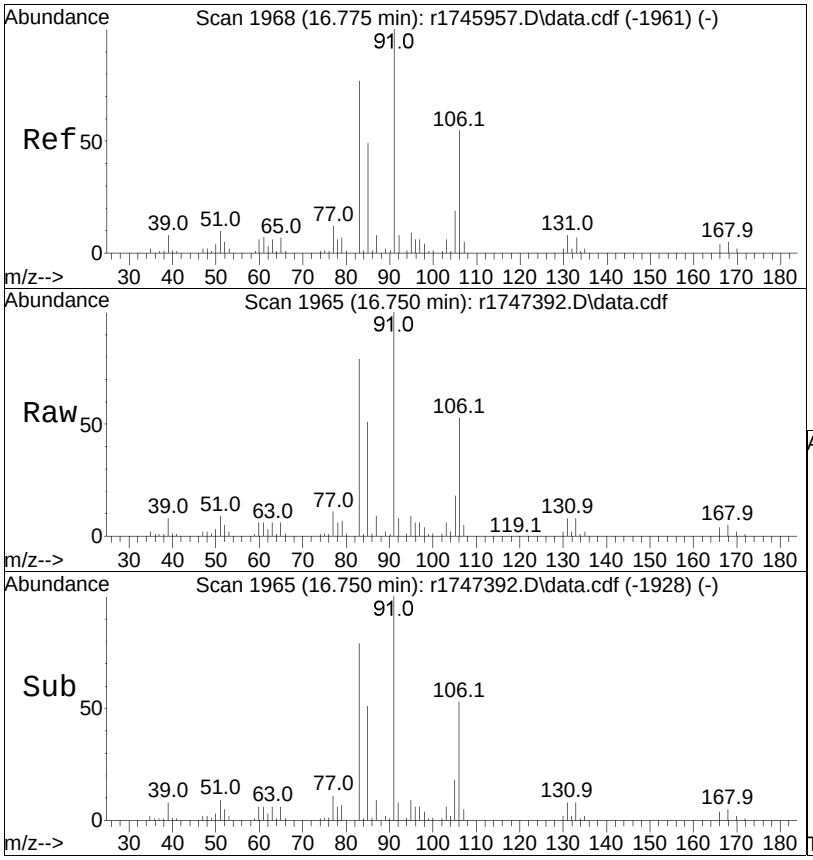


#85
styrene
Concen: 11.68 ppbV
RT: 16.658 min Scan# 1954
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:104 Resp: 537730

Ion	Ratio	Lower	Upper
104	100		
103	43.9	34.1	51.1
78	41.1	32.7	49.1

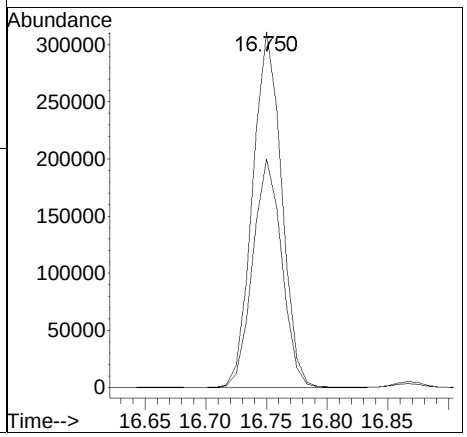


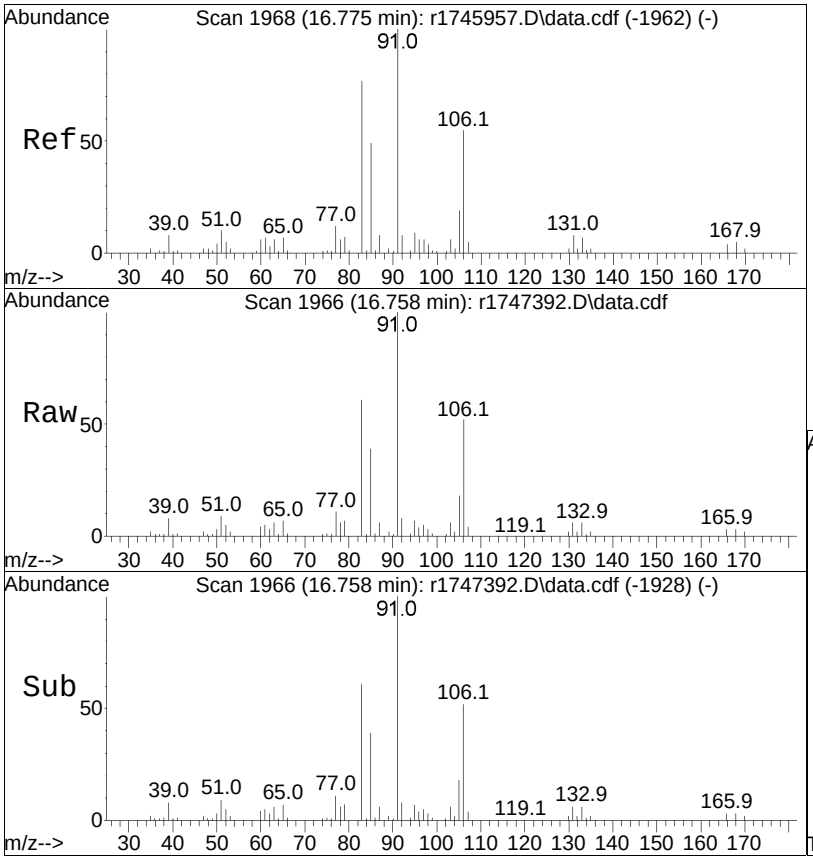


#86
1,1,2,2-tetrachloroethane
Concen: 12.66 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 83 Resp: 517840

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6

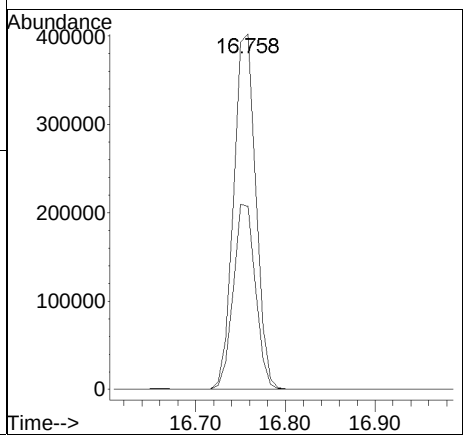


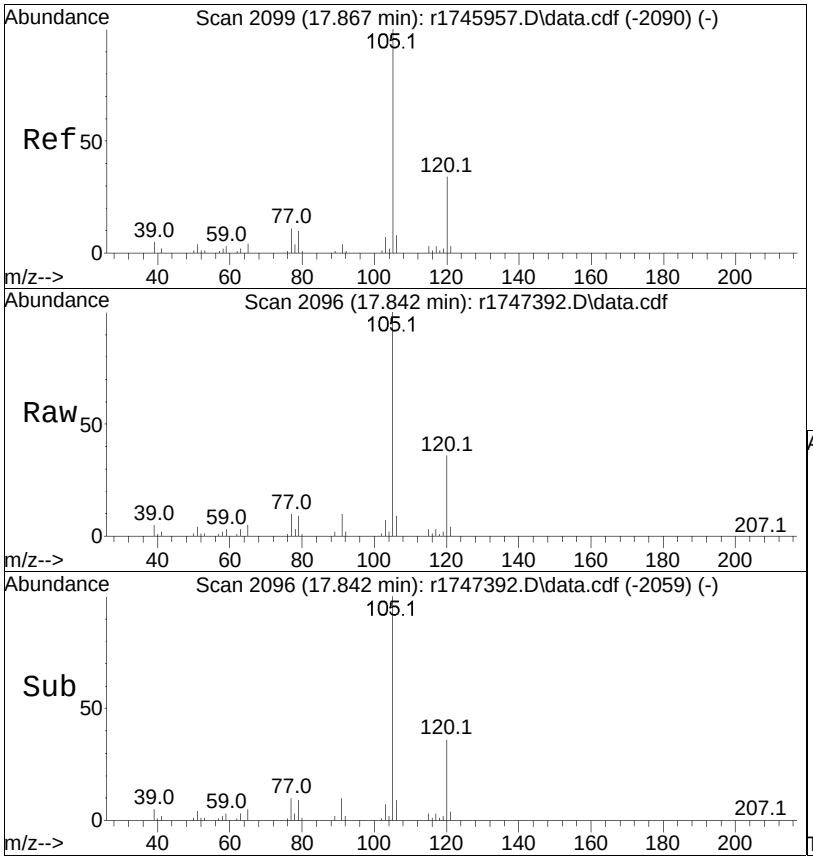


#87
o-xylene
Concen: 12.22 ppbV
RT: 16.758 min Scan# 1966
Delta R.T. -0.017 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 91 Resp: 694153

Ion	Ratio	Lower	Upper
91	100		
106	51.5	43.9	65.9

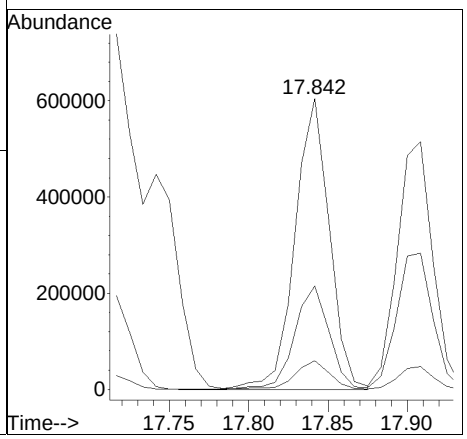


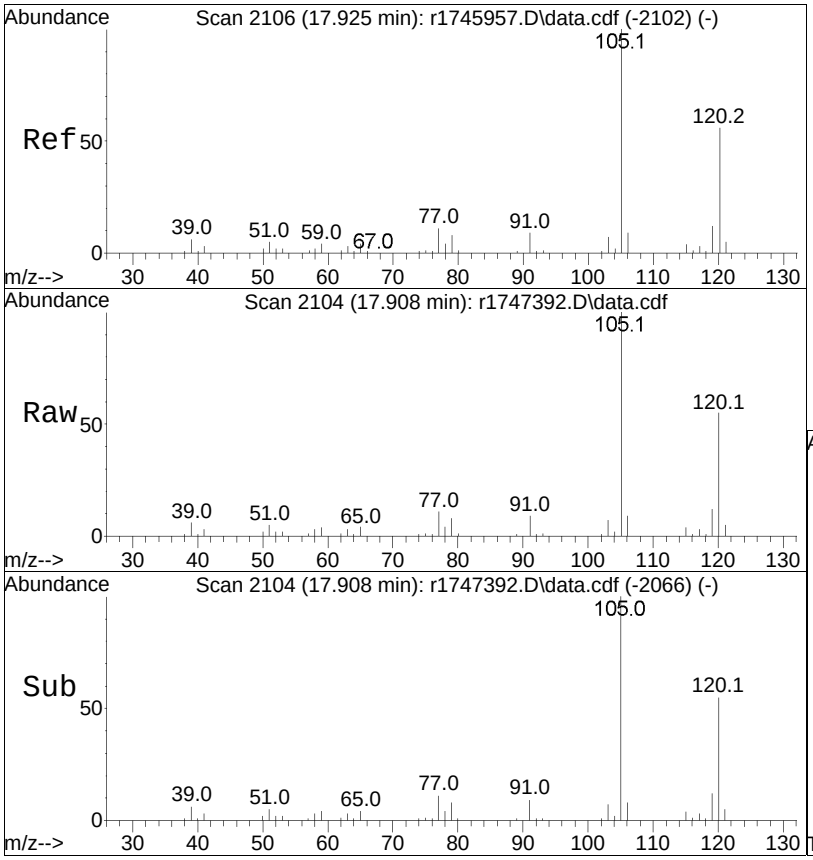


#96
4-ethyl toluene
Concen: 11.93 ppbV
RT: 17.842 min Scan# 2096
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:105 Resp: 913036

Ion	Ratio	Lower	Upper
105	100		
120	35.6	26.9	40.3
91	9.9	7.8	11.6

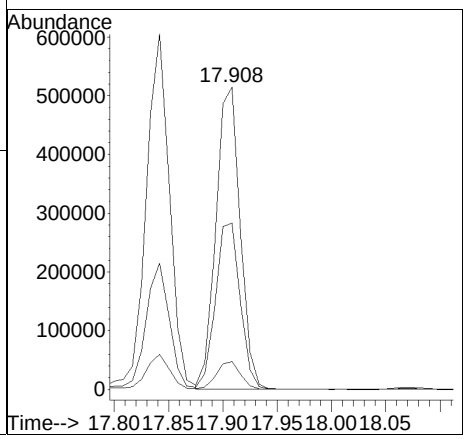


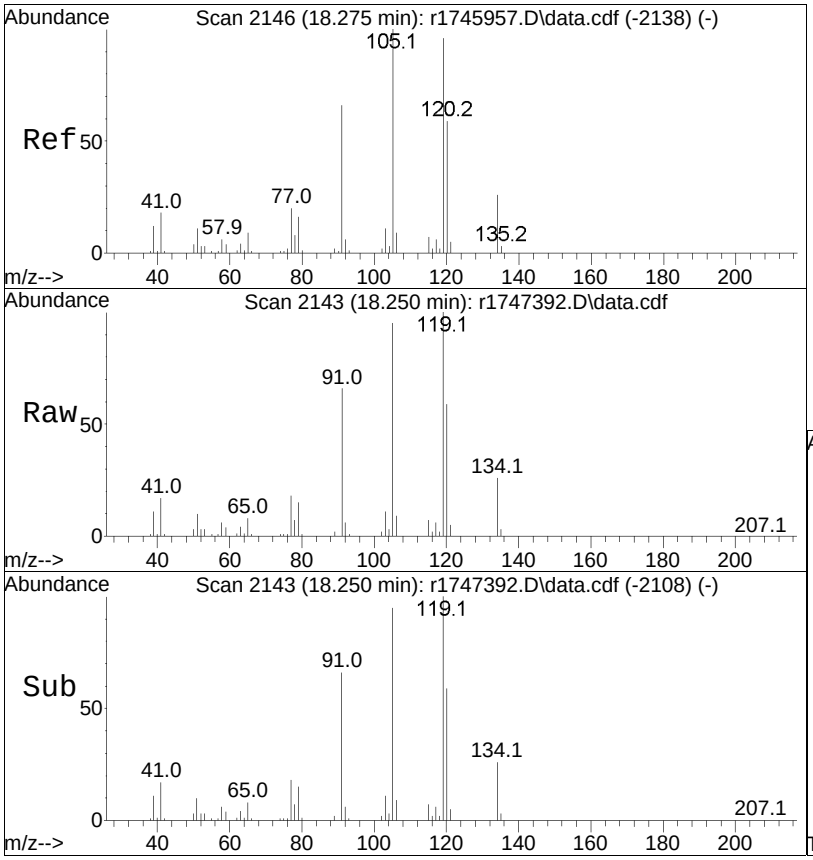


#97
1,3,5-trimethylbenzene
Concen: 12.31 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. -0.017 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:105 Resp: 799407

Ion	Ratio	Lower	Upper
105	100		
120	55.0	44.6	66.8
91	9.2	7.4	11.0

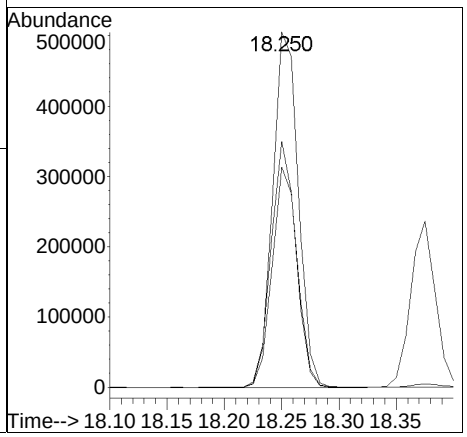


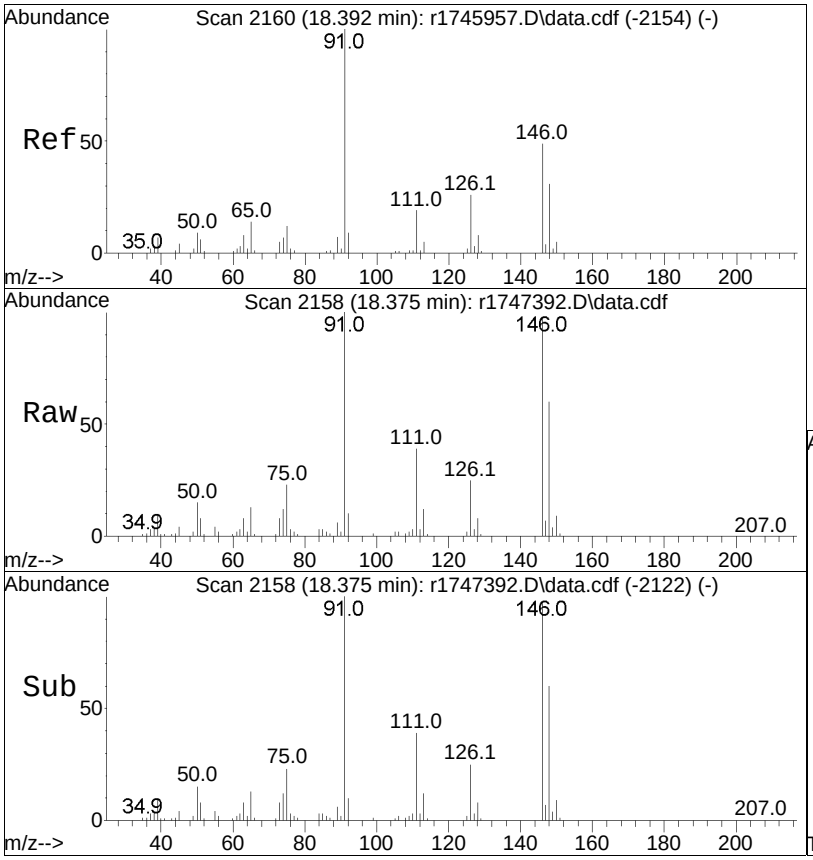


#99
1,2,4-trimethylbenzene
Concen: 12.23 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:105 Resp: 785467

Ion	Ratio	Lower	Upper
105	100		
120	62.0	47.1	70.7
91	69.2	53.0	79.4

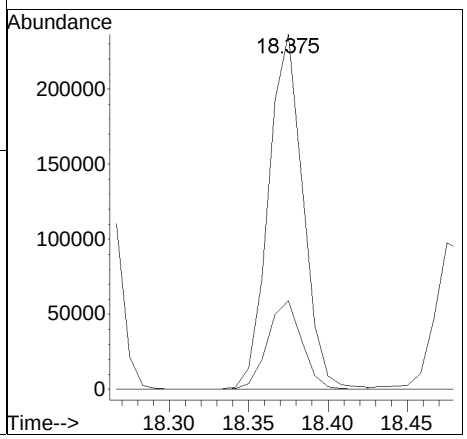


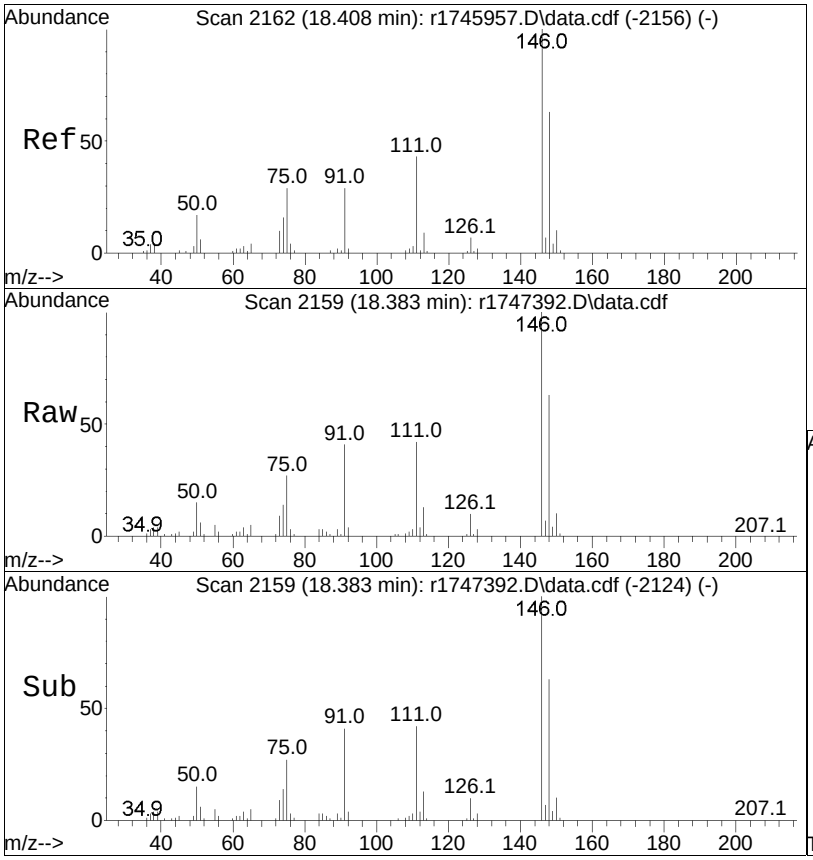


#101
Benzyl Chloride
Concen: 11.88 ppbV
RT: 18.375 min Scan# 2158
Delta R.T. -0.017 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion: 91 Resp: 357532

Ion	Ratio	Lower	Upper
91	100		
126	25.0	20.7	31.1

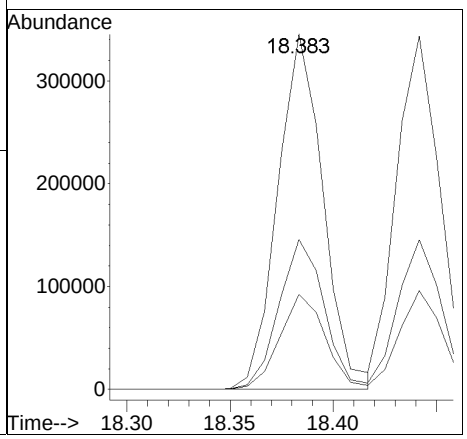


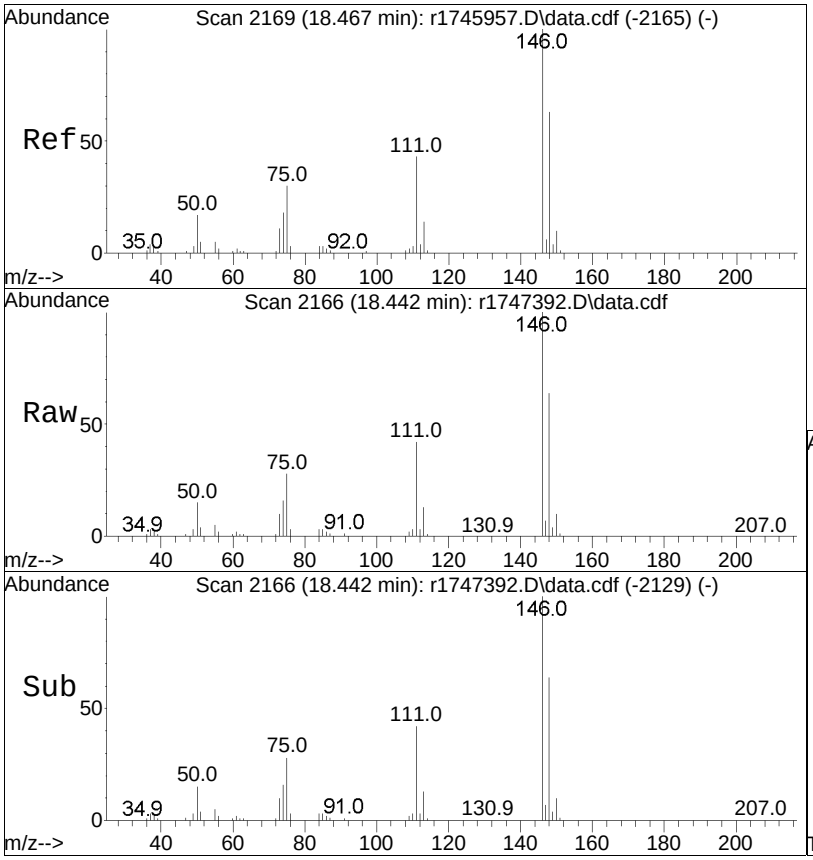


#102
1,3-dichlorobenzene
Concen: 12.30 ppbV
RT: 18.383 min Scan# 2159
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:146 Resp: 528826

Ion	Ratio	Lower	Upper
146	100		
111	42.2	34.6	52.0
75	26.7	23.2	34.8

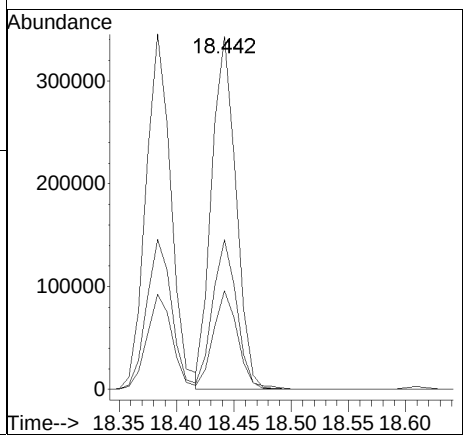


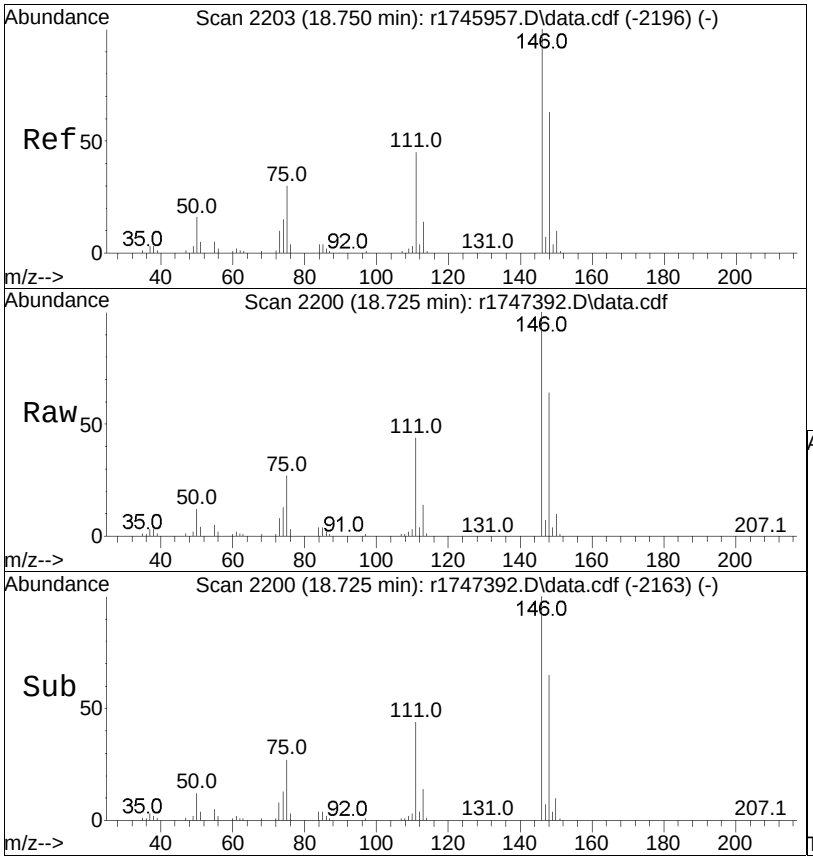


#103
1,4-dichlorobenzene
Concen: 12.05 ppbV
RT: 18.442 min Scan# 2166
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:146 Resp: 508935

Ion	Ratio	Lower	Upper
146	100		
111	42.4	34.6	51.8
75	27.9	24.4	36.6

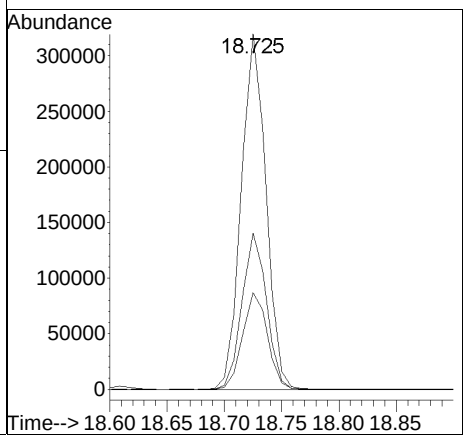


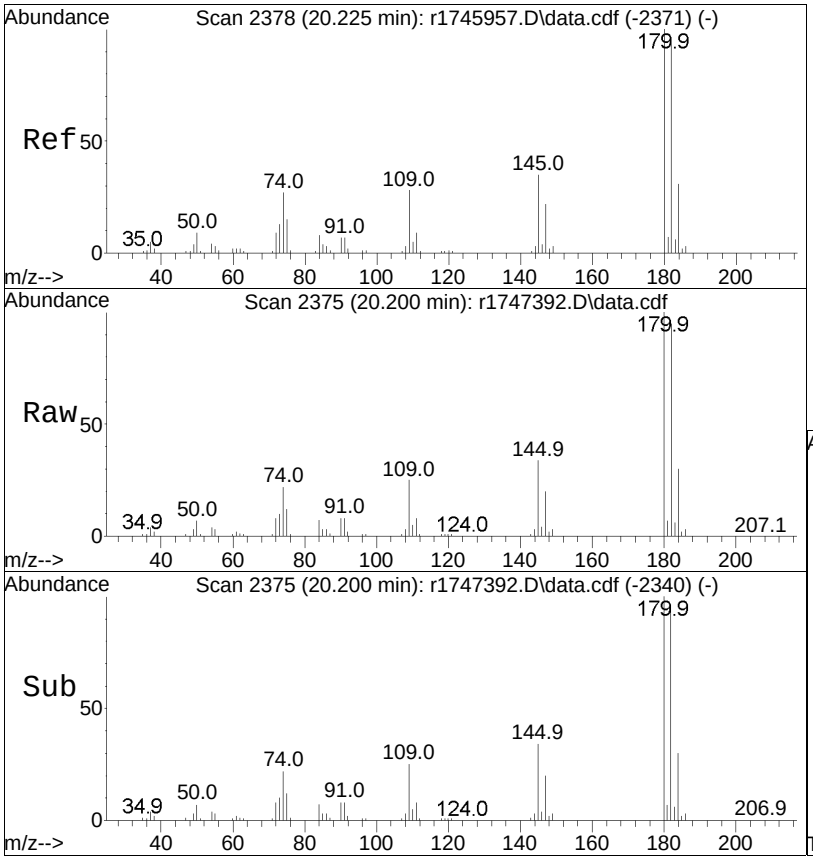


#107
1,2-dichlorobenzene
Concen: 11.69 ppbV
RT: 18.725 min Scan# 2200
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:146 Resp: 479776

Ion	Ratio	Lower	Upper
146	100		
111	44.0	36.2	54.2
75	27.2	24.3	36.5

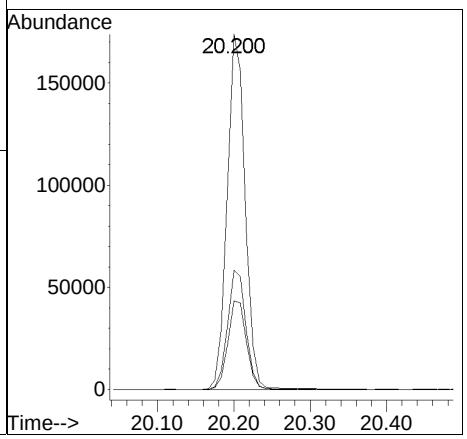


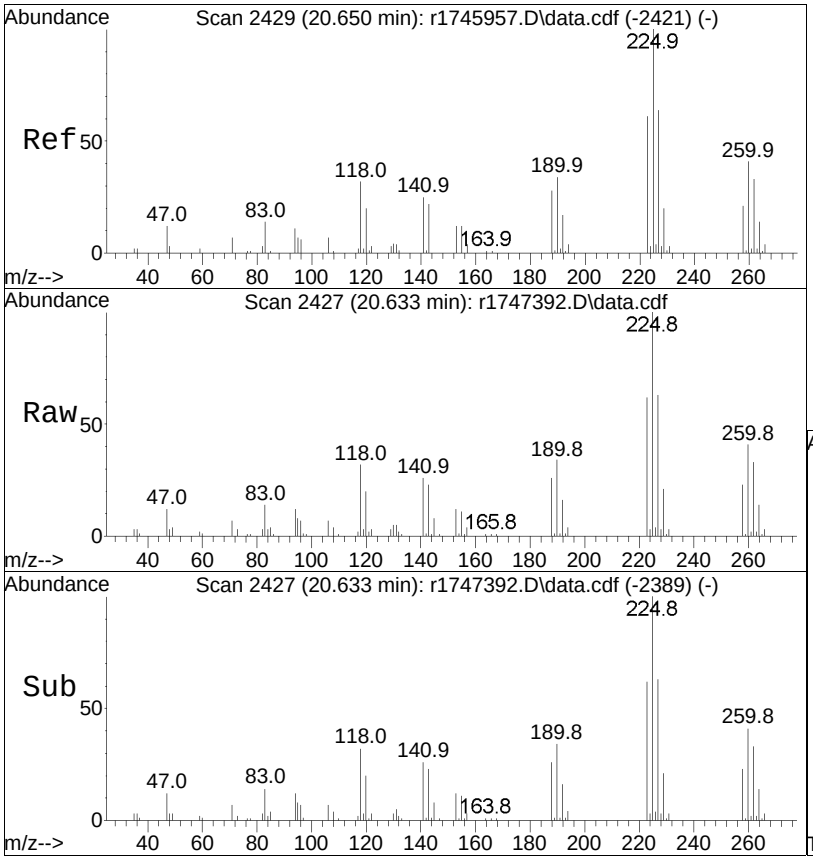


#115
1,2,4-trichlorobenzene
Concen: 10.40 ppbV
RT: 20.200 min Scan# 2375
Delta R.T. -0.025 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:180 Resp: 284186

Ion	Ratio	Lower	Upper
180	100		
145	33.5	28.1	42.1
109	24.9	22.2	33.4

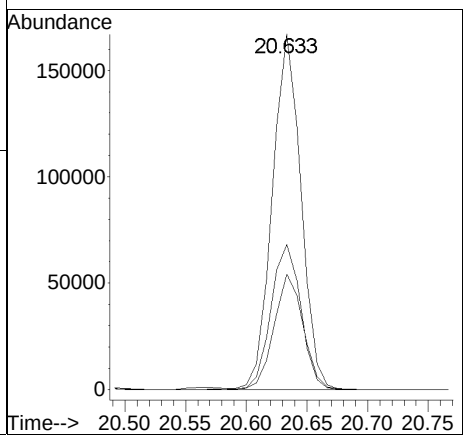




#119
hexachlorobutadiene
Concen: 10.68 ppbV
RT: 20.633 min Scan# 2427
Delta R.T. -0.017 min
Lab File: r1747392.D
Acq: 3 Mar 2025 11:56 AM

Tgt Ion:225 Resp: 274023

Ion	Ratio	Lower	Upper
225	100		
260	40.8	32.8	49.2
118	32.5	26.2	39.4



Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747418.D
Acq On : 4 Mar 2025 9:19 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-5D,3,5.54,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 10:23:03 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	244463	10.000	ppbV	-0.04
Standard Area = 252892			Recovery = 96.67%			
43) 1,4-difluorobenzene	10.990	114	628226	10.000	ppbV	-0.04
Standard Area = 698345			Recovery = 89.96%			
67) chlorobenzene-D5	15.767	54	105676	10.000	ppbV	-0.02
Standard Area = 98126			Recovery = 107.69%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.850	85	1017	0.042	ppbV	92
6) chloromethane	4.000	50	601	0.045	ppbV #	58
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.912	31	23739	2.581	ppbV #	79
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.417	43	19985	1.065	ppbV #	93
21) trichlorofluoromethane	5.590		0	N.D.		
22) isopropyl alcohol	5.680	45	93053	3.921	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	6.342		0	N.D.		
28) methylene chloride	6.414		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	6.714		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	7.442		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.117	43	2228	0.070	ppbV #	59
37) cis-1,2-dichloroethene	8.600	61	25350	1.510	ppbV	89
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	9.400		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.850	57	13445	0.662	ppbV #	1
48) 1,1,1-trichloroethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747418.D
Acq On : 4 Mar 2025 9:19 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-5D,3,5.54,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 10:23:03 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\03\0303T\r1747392.D
Sub List : TO15-NY+Naphthalene - .

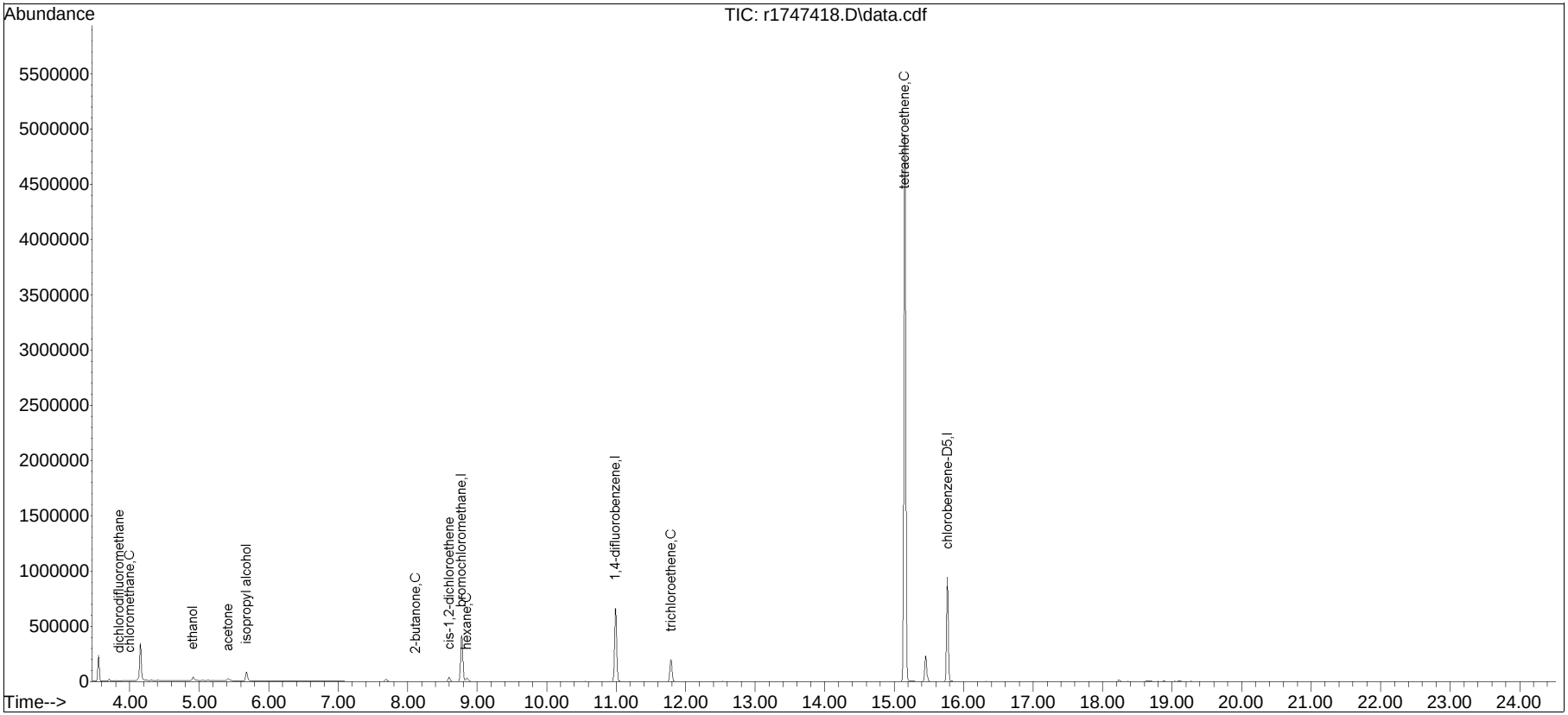
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) benzene	10.570		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	0.000		0	N.D.	d	
59) trichloroethene	11.790	130	86841	4.355	ppbV	97
60) 2,2,4-trimethylpentane	11.843		0	N.D.		
62) heptane	12.163		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	12.883		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	13.967		0	N.D.		
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.150	166	1551631	63.003	ppbV	99
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	16.167		0	N.D.		
83) m+p-xylene	16.325		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	16.758		0	N.D.		
96) 4-ethyl toluene	17.817		0	N.D.		
97) 1,3,5-trimethylbenzene	17.817		0	N.D.		
99) 1,2,4-trimethylbenzene	18.258		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

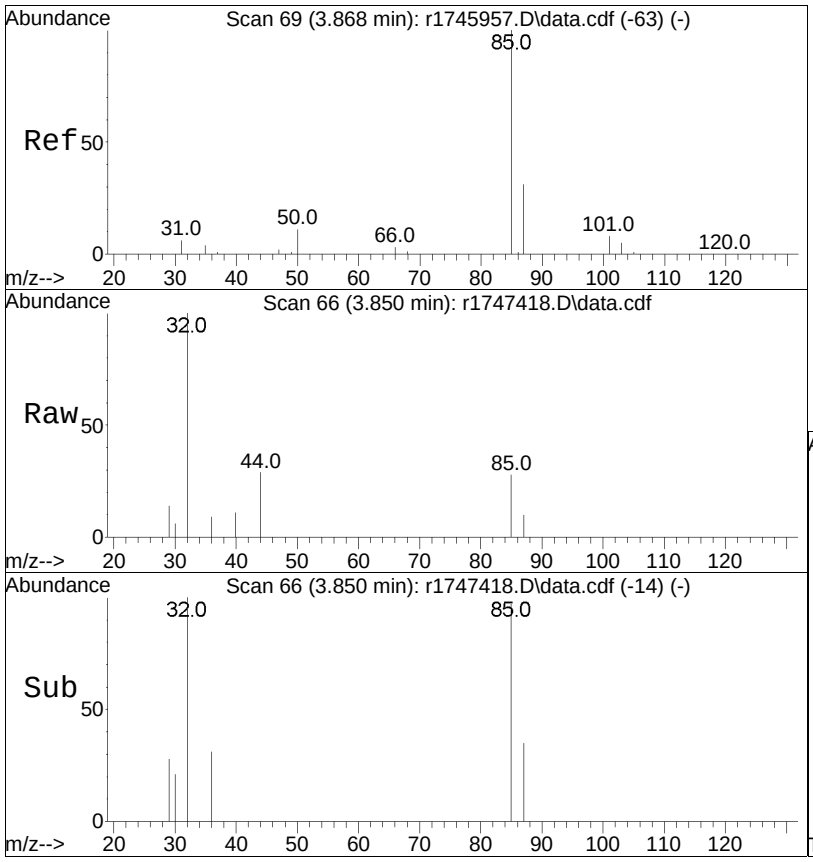
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+Naphthalene - .\2025\03\0303T\r1747392.D

Data Path : X:\Airlab\Data\Airlab17\2025\03\0303T\
Data File : r1747418.D
Acq On : 4 Mar 2025 9:19 AM
Operator : AIRLAB17:TPH
Sample : WG2036206-5D,3,5.54,250
Misc : WG2036206,ICAL21812
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 04 10:23:03 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\03\0303T\TFS17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 13:55:18 2024
Response via : Initial Calibration

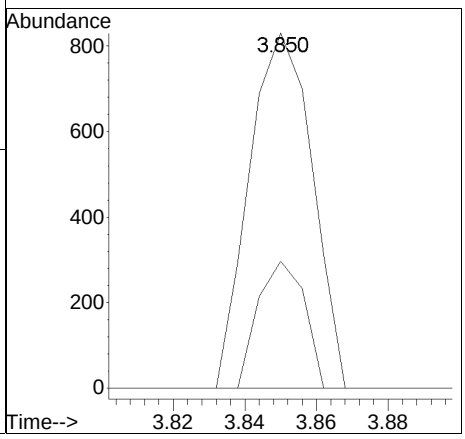


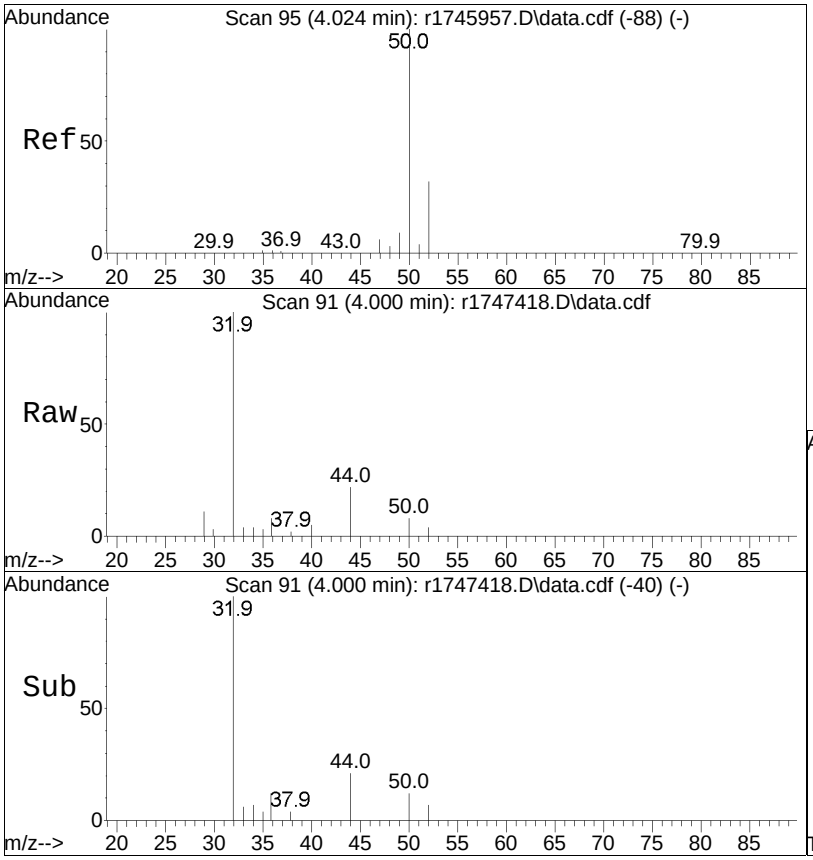


#5
dichlorodifluoromethane
Concen: 0.04 ppbV
RT: 3.850 min Scan# 66
Delta R.T. -0.018 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 85 Resp: 1017

Ion	Ratio	Lower	Upper
85	100		
87	35.8	25.2	37.8

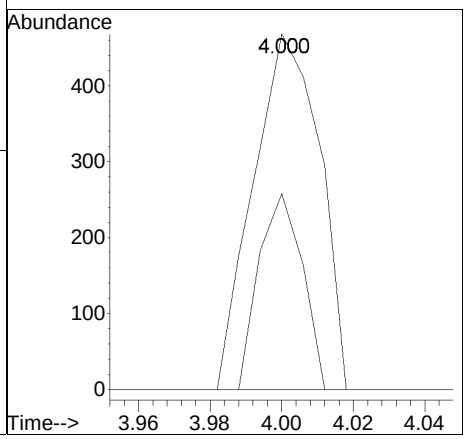


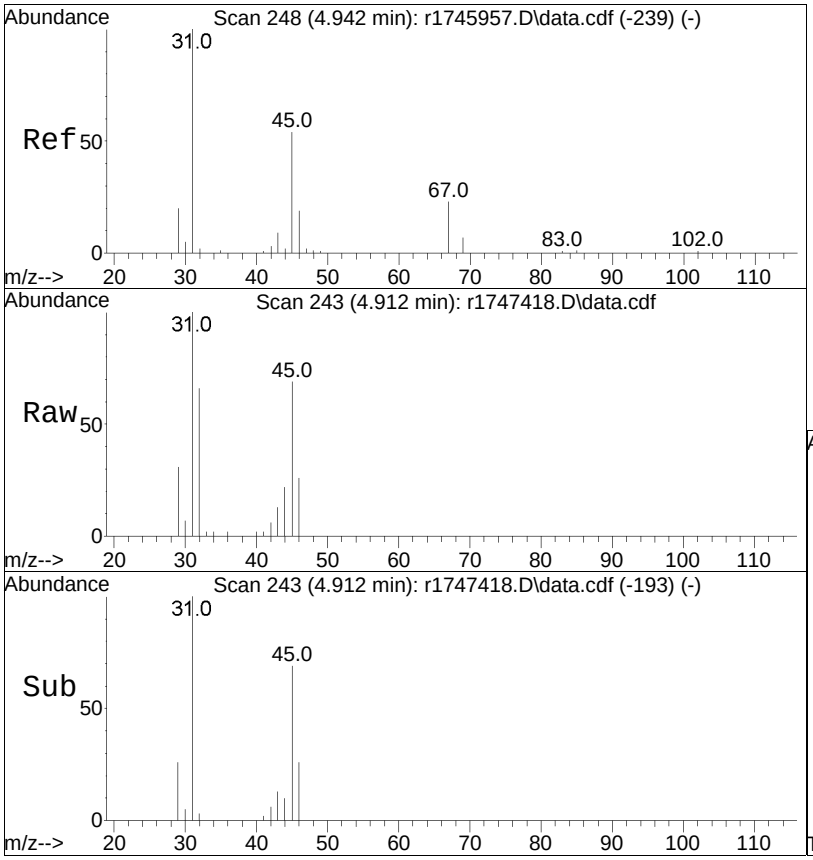


#6
chloromethane
Concen: 0.05 ppbV
RT: 4.000 min Scan# 91
Delta R.T. -0.024 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 50 Resp: 601

Ion	Ratio	Lower	Upper
50	100		
52	55.1	25.4	38.2#

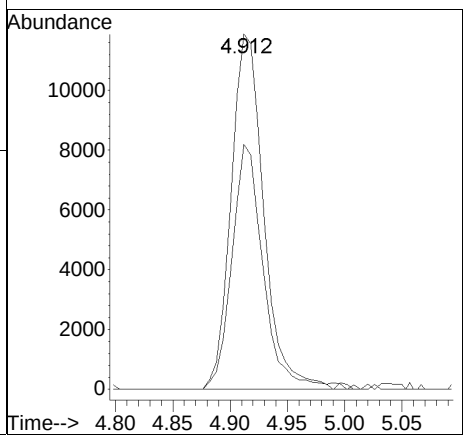


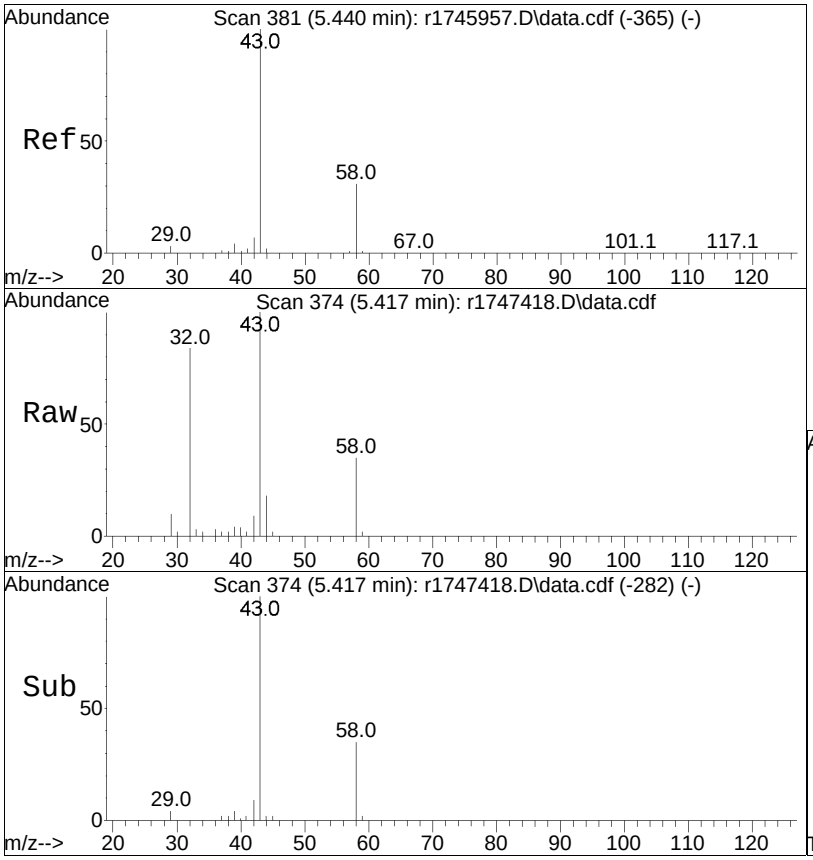


#15
ethanol
Concen: 2.58 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.030 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 31 Resp: 23739

Ion	Ratio	Lower	Upper
31	100		
45	69.0	43.0	64.6#

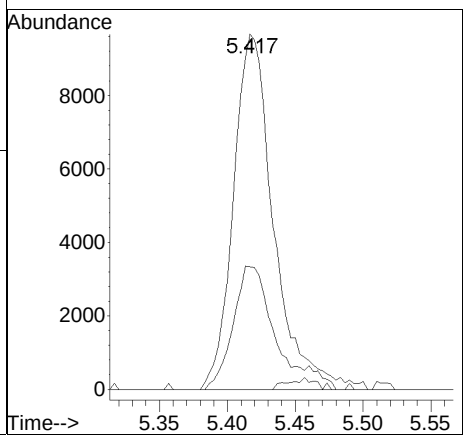


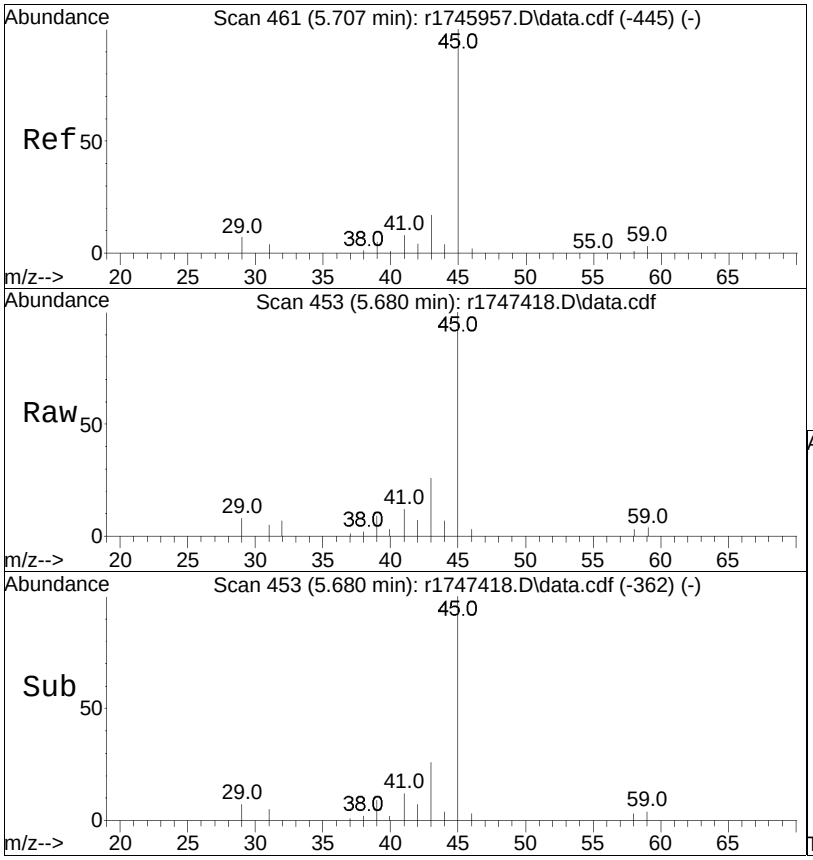


#19
acetone
Concen: 1.06 ppbV
RT: 5.417 min Scan# 374
Delta R.T. -0.023 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 43 Resp: 19985

Ion	Ratio	Lower	Upper
43	100		
58	34.5	24.7	37.1
57	0.0	0.6	0.8#

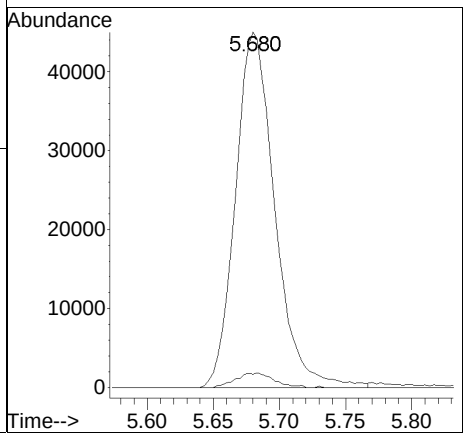


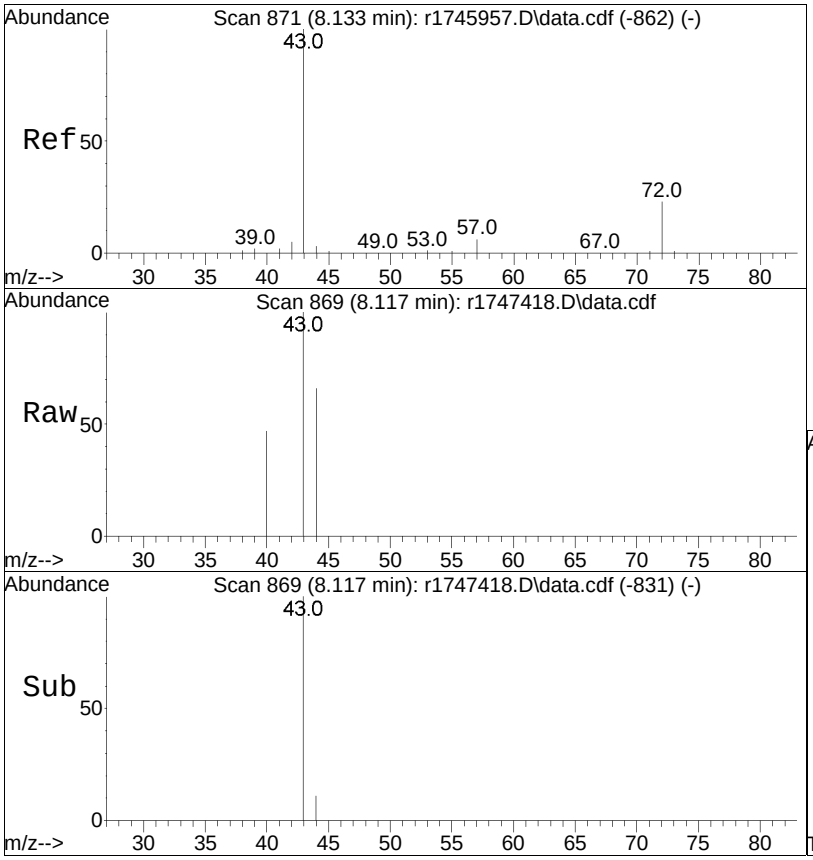


#22
isopropyl alcohol
Concen: 3.92 ppbV
RT: 5.680 min Scan# 453
Delta R.T. -0.027 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 45 Resp: 93053

Ion	Ratio	Lower	Upper
45	100		
59	3.7	2.6	4.0

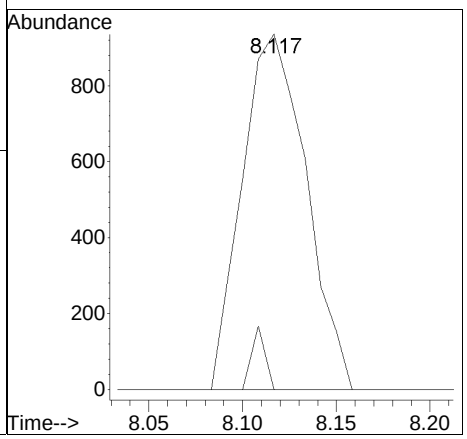


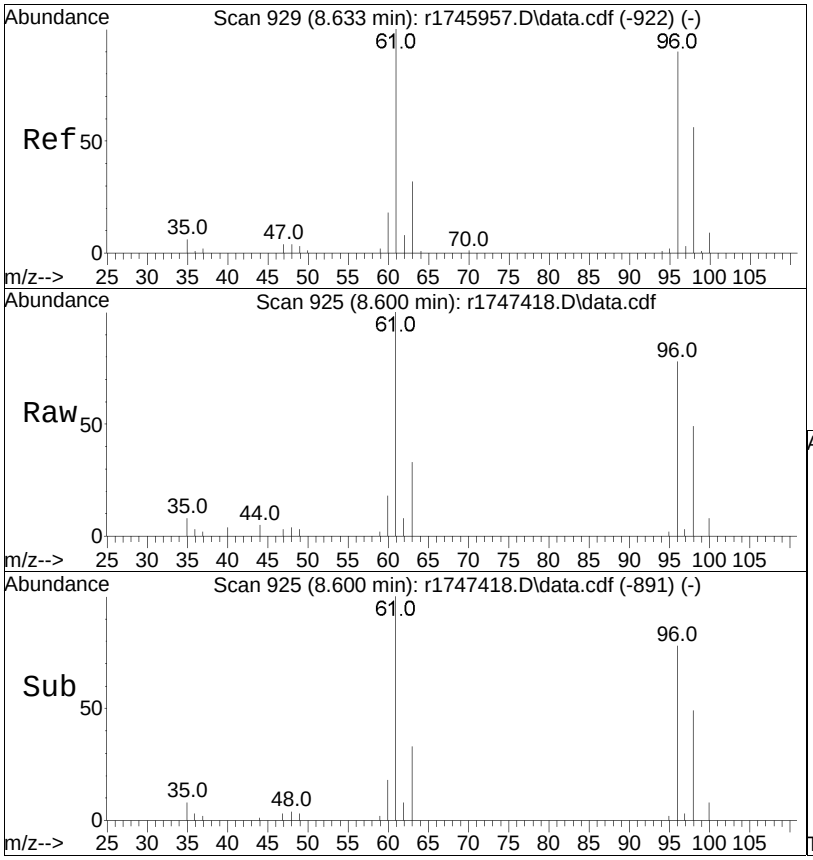


#36
2-butanone
Concen: 0.07 ppbV
RT: 8.117 min Scan# 869
Delta R.T. -0.017 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 43 Resp: 2228

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.1	27.1#
57	0.0	4.6	6.8#

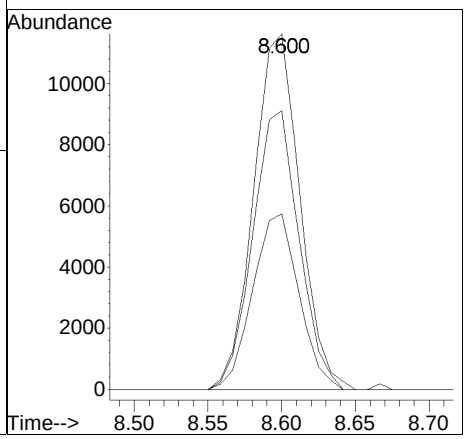


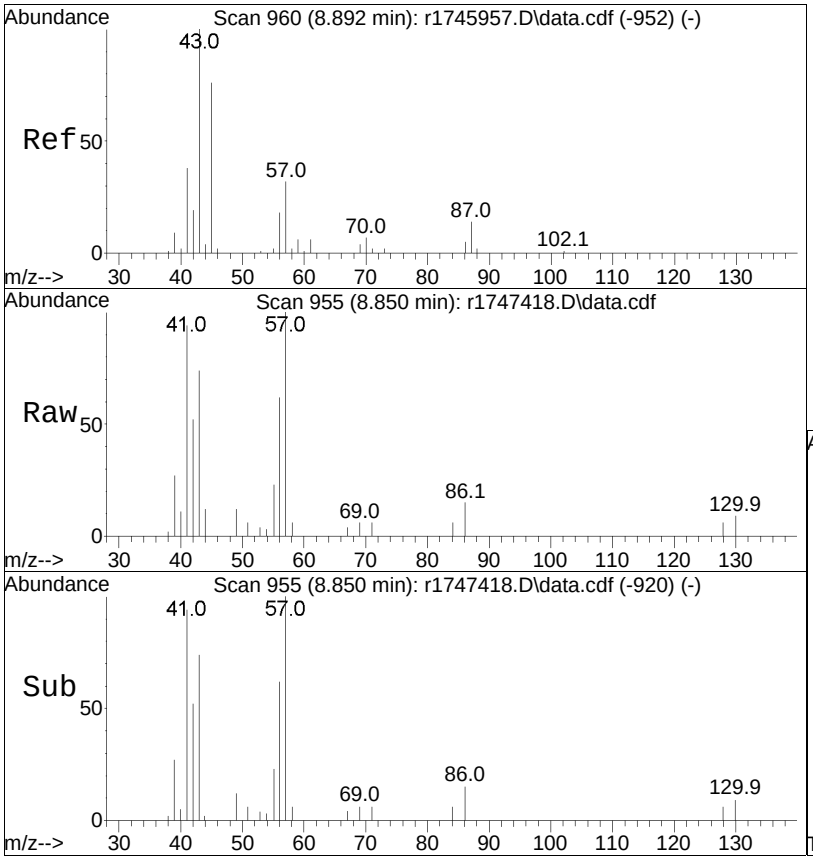


#37
cis-1,2-dichloroethene
Concen: 1.51 ppbV
RT: 8.600 min Scan# 925
Delta R.T. -0.033 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 61 Resp: 25350

Ion	Ratio	Lower	Upper
61	100		
96	78.5	71.6	107.4
98	49.4	45.1	67.7

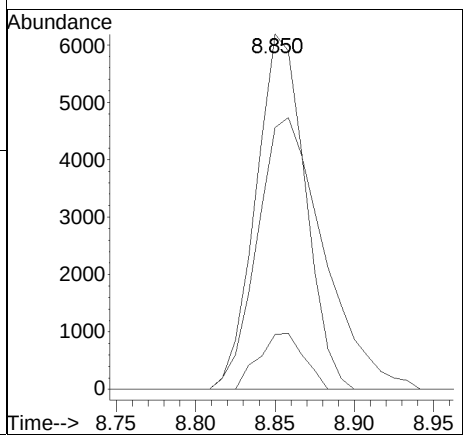


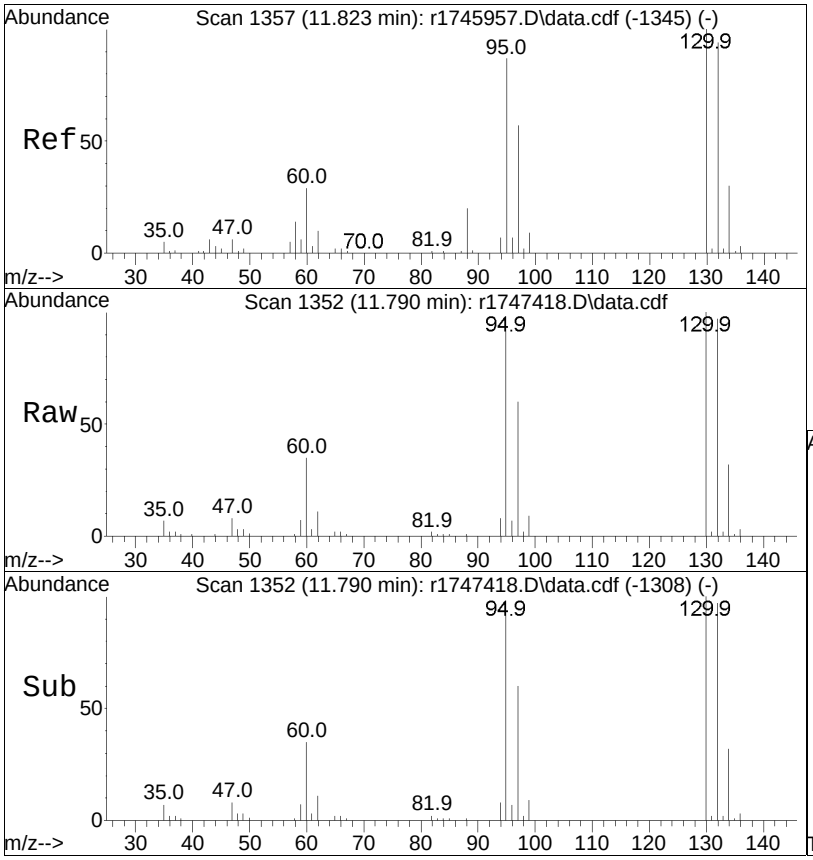


#44
hexane
Concen: 0.66 ppbV
RT: 8.850 min Scan# 955
Delta R.T. -0.042 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion: 57 Resp: 13445

Ion	Ratio	Lower	Upper
57	100		
43	73.7	247.4	371.0#
86	15.5	12.9	19.3

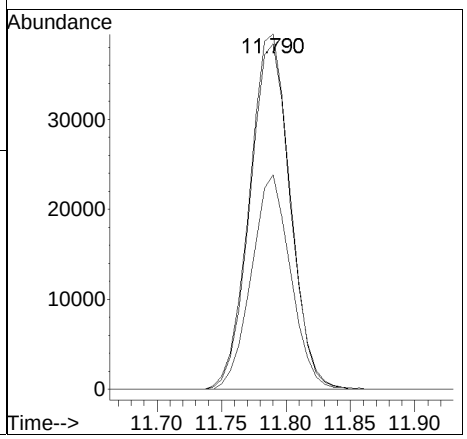


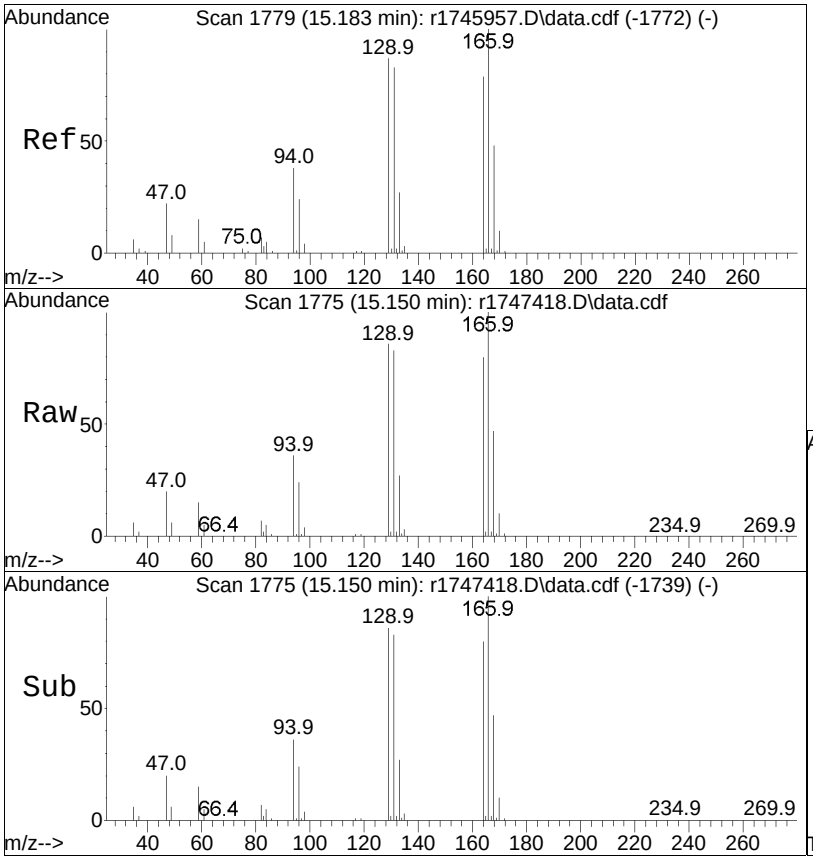


#59
trichloroethene
Concen: 4.36 ppbV
RT: 11.790 min Scan# 1352
Delta R.T. -0.033 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion:130 Resp: 86841

Ion	Ratio	Lower	Upper
130	100		
132	97.2	75.5	113.3
97	60.4	45.9	68.9

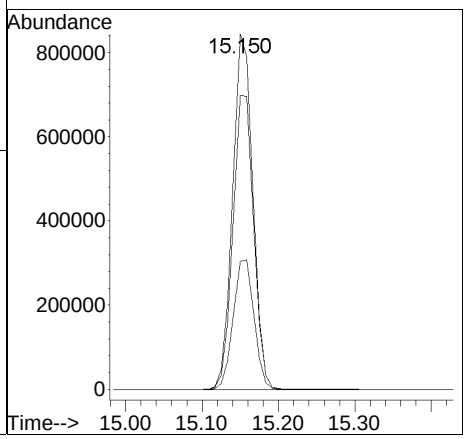




#78
tetrachloroethene
Concen: 63.00 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. -0.033 min
Lab File: r1747418.D
Acq: 4 Mar 2025 9:19 AM

Tgt Ion:166 Resp: 1551631

Ion	Ratio	Lower	Upper
166	100		
131	82.8	66.4	99.6
94	36.1	30.1	45.1



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TFS17_241220.M
Data File	: r1747418.D	Operator	: AIRLAB17:TPH
Date Inj'd	: 3/4/2025 9:19 AM	Instrument	:
Sample	: WG2036206-5D,3,5.54,250	Quant Date	: 3/4/2025 10:23 am

There are no manual integrations or false positives in this file.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 04 2025, 03:53 pm

Work Group: WG2036206 for Department: 3 GC/MS

Created: 03-MAR-25 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2508681-01	IA-1	S	TO15-LL	AIR	DONE	U	0315	0304	S0	Can-6
L2508681-02	IA-2	S	TO15-LL	AIR	DONE	U	0315	0304	S0	Can-6
L2508681-03	IA-3	S	TO15-LL	AIR	DONE	U	0315	0304	S0	Can-6
L2508685-01	IDW-1-SIKA	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0228	S0	Glass-A.25HS
L2508711-01	SVE EFFLUENT	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508711-02	SVE INFLUENT	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508748-01	SV-01	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508748-02	SV-02	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508748-03	SV-03	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508748-04	SV-04	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508748-05	SV-05	S	TO15-LL	SOIL_VAPOR	DONE	U	0316	0304	S0	Can-2.7
L2508885-01	NL-IV-TOTAL_20250218	S	TO15-LL	SOIL_VAPOR	DONE	U	0320	0304	S0	Tedlar-Poly1
L2508885-02	NL-SVE-1_20250218	S	TO15-LL	SOIL_VAPOR	DONE	U	0320	0304	S0	Tedlar-Poly1
L2508885-03	NL-IV-7_20250218	S	TO15-LL	SOIL_VAPOR	DONE	U	0320	0304	S0	Tedlar-Poly1
L2508885-04	NL-EV-POST_20250218	S	TO15-LL	SOIL_VAPOR	DONE	U	0320	0304	S0	Tedlar-Poly1
L2508885-05	NL-IV-DUP_20250218	S	TO15-LL	SOIL_VAPOR	DONE	U	0320	0304	S0	Tedlar-Poly1
L2509966-02	SS-22	S	TO15-LL	SOIL_VAPOR	DONE	U	0322	0303	S0	Can-1
L2509966-03	SS-17	S	TO15-LL	SOIL_VAPOR	DONE	U	0322	0303	S0	Can-1
L2509966-04	SS-14	S	TO15-LL	SOIL_VAPOR	DONE	U	0322	0303	S0	Can-1
L2509966-05	SS-20	S	TO15-LL	SOIL_VAPOR	DONE	U	0322	0303	S0	Can-1
WG2036206-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2036206-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2036206-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2036206-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2036206-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2036206-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2036206-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2036206-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2036206-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				
WG2036206-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

WG2036206-5 L2508711-02

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: Airlab 17

Date: 12/20/24

Analyst Initials: JMB

Internal Standard/Surrogate IDs: SS22-028/ SS21-026

Internal Standard/Surrogate Volume: 100 ml

Sequence File Name: 241220.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ Sublist	Check Pass ?
1	BA17122001	TO15_SFS.qgm	R1745946.qgd	250 mL			NA
1	BA17122002	TO15_SFS.qgm	R1745947.qgd	250 mL			NA
1	BA17122003	TO15_SFS.qgm	R1745948.qgd	250 mL			NA
1	TA17122001	TO15_SFS.qgm	R1745949.qgd	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R1745950.qgd	50 mL SS24-035D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R1745951.qgd	125 mL SS24-035D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R1745952.qgd	250 mL SS24-035D	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R1745953.qgd	50 mL SS24-035C		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R1745954.qgd	125 mL SS24-035C		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R1745955.qgd	250 mL SS24-035C		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R1745956.qgd	125 mL SS24-035B		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R1745957.qgd	250 mL SS24-035B		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R1745958.qgd	50 mL SS24-035A		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R1745959.qgd	125 mL SS24-035A		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R1745960.qgd	250 mL SS24-035A	LL ONLY	DEF	NA
1	BA17122001	TO15_SFS.qgm	R1745961.qgd	250 mL			NA

Alpha Analytical Air Lab
Instrument Run Log

1	BA17122002	TO15_SFS.qgm	R1745962.qgd	250 mL			NA
2	CTO15-LLSTD10.0	TO15_SFS.qgm	R1745963.qgd	250 mL SS24-0XXX	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R1745964.qgd	125 mL SS24-0XXX	SIM ICV	DEF-ICV	NA

Column ID: Rtx-1 0.25 mm ID

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

Alpha Analytical Air Lab
Instrument Run Log

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Instrument ID: Airlab 17

Internal Standard/Surrogate IDs: SS22-0

Date: 03/03/25

Internal Standard/Surrogate Volume:

Analyst Initials: BJB

Sequence File Name: 2

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)
1	TA17022401	TO15_SFS.qgm	R1747390.qgd	250 mL	TUNE
2	CCAL-STD10.0	TO15_SFS.qgm	R1747391.qgd	125 mL SS25-003B	LL CC
4	TO15-LL-STD10.0	TO15_SFS.qgm	R1747392.qgd	250 mL SS25-001G	LL LCS
4	TO15-SIM -STD5.0	TO15_SFS.qgm	R1747393.qgd	125 mL SS25-001H	SIM LCS
1	BA17022401	TO15_SFS.qgm	R1747394.qgd	250 mL	LL BLANK
1	BA17022402	TO15_SFS.qgm	R1747395.qgd	250 mL	SIM BLANK
1	L2508681-01,3,250,250	TO15_SFS.qgm	R1747396.qgd	WG2036206,ICAL21997	
2	L2508681-02,3,250,250	TO15_SFS.qgm	R1747397.qgd	WG2036206,ICAL21997	
3	L2508681-03,3,250,250	TO15_SFS.qgm	R1747398.qgd	WG2036206,ICAL21997	
4	L2508711-01,3,250,250	TO15_SFS.qgm	R1747399.qgd	WG2036206,ICAL21997	
5	L2508685-01D,3,25,250	TO15_SFS.qgm	R1747400.qgd	WG2036206,ICAL21997	HEADSPACE JAR
6	L2508748-01D,3,60,250	TO15_SFS.qgm	R1747401.qgd	WG2036206,ICAL21997	T
7	L2508748-03D,3,15.86,250	TO15_SFS.qgm	R1747402.qgd	WG2036206,ICAL21997	DO NOT USE
7	L2508748-03DUPD,3,15.86,250	TO15_SFS.qgm	R1747403.qgd	WG2036206,ICAL21997	T/USE AS PARENT
8	L2508748-05D,3,8.41,250	TO15_SFS.qgm	R1747404.qgd	WG2036206,ICAL21997	T
9	L2508885-01D,3,95.44,250	TO15_SFS.qgm	R1747405.qgd	WG2036206,ICAL21997	
10	L2508885-02D,3,35.85,250	TO15_SFS.qgm	R1747406.qgd	WG2036206,ICAL21997	T
11	L2508885-03D,3,116.55,250	TO15_SFS.qgm	R1747407.qgd	WG2036206,ICAL21997	
12	L2508885-04D,3,126.27,250	TO15_SFS.qgm	R1747408.qgd	WG2036206,ICAL21997	

28/ SS21-026

100 ml

250303.S

Product/ Sublist	Check Pass ?
	NA
	NA
BF HIGH/ REPORT HITS OF DBCM BY SIM	NA
	NA
	NA
	NA
STD+NAPH	Y
STD+NAPH	Y
STD+NAPH	Y
NY+NAPH	Y
STD+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y

13	L2508885-05D,3,117.35,250	TO15_SFS.qgm	R1747409.qgd	WG2036206,ICAL21997	
14	L2509966-02D,3,107.88,250	TO15_SFS.qgm	R1747410.qgd	WG2036206,ICAL21997	
15	L2509966-03D,3,102.2,250	TO15_SFS.qgm	R1747411.qgd	WG2036206,ICAL21997	
16	L2509966-04D,3,106.42,250	TO15_SFS.qgm	R1747412.qgd	WG2036206,ICAL21997	
1	L2509966-05D,3,104.24,250	TO15_SFS.qgm	R1747413.qgd	WG2036206,ICAL21997	
2	L2508748-02D,3,0.16,250	TO15_SFS.qgm	R1747414.qgd	WG2036206,ICAL21997	T
3	L2508748-04D,3,0.02,250	TO15_SFS.qgm	R1747415.qgd	WG2036206,ICAL21997	PCE OVERCAL
4	L2508711-02D,3,2.77,250	TO15_SFS.qgm	R1747416.qgd	WG2036206,ICAL21997	OVERDILUTED
4	L2508711-02D,3,5.54,250	TO15_SFS.qgm	R1747417.qgd	WG2036206,ICAL21997	
4	L2508711-02DUPD,3,5.54,250	TO15_SFS.qgm	R1747418.qgd	WG2036206,ICAL21997	LL DUP
3	L2508748-04D2,3,???,250	TO15_SFS.qgm	R1747419.qgd	WG2036206,ICAL21997	

Column ID: Rtx-1 0.25 mm ID

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

NY+NAPH	Y
(SPECIAL LIST) RUN AS NY+PROPYL	Y
(SPECIAL LIST) RUN AS NY+PROPYL	Y
(SPECIAL LIST) RUN AS NY+PROPYL	Y
(SPECIAL LIST) RUN AS NY+PROPYL	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
NY+NAPH	Y
PCE	Y

Alpha Analytical, Inc.
Canister Dilution Worksheet

	NJDEP Required Information							Pressurization Dilution				Can Dilution				Instrument Dilution						
Sample ID	Can size, L	P_1, in Hg	P_1, atm	V_1, L	P_2, in Hg	P_2, atm	V_2, L	P_1, psia	P_2, psia	Dilution factor	Gas Used*	Volume injected, mL	Final Pressure, psia	Volume of Dilution Gas in Can, L	Can dilution factor	Volume of Bag or Can Analyzed, mL	Instrument Dilution Factor	Final Dilution Factor **	Final Volume Injected, mL ***	Analyst Initials	Barcode	SAMPLE ID SCANS
L2508885-01D	1.0	-6.88	0.77	0.77	30.47	2.02	2.02	11.3	29.6	2.62	N2	1000	14.7	1.00	1.00	250	1.00	2.62	95.44	DJR		L2508885-01X
L2508885-02D	1.0	-1.16	0.96	0.96	30.27	2.01	2.01	14.1	29.5	2.09	N2	1000	14.7	1.00	1.00	75	3.33	6.97	35.85	DJR		L2508885-02X
L2508885-03D	1.0	-1.78	0.94	0.94	30.47	2.02	2.02	13.8	29.6	2.14	N2	1000	14.7	1.00	1.00	250	1.00	2.14	116.55	DJR		L2508885-03X
L2508885-04D	1.0	0.47	1.02	1.02	30.27	2.01	2.01	14.9	29.5	1.98	N2	1000	14.7	1.00	1.00	250	1.00	1.98	126.27	DJR		L2508885-04X
L2508885-05D	1.0	-1.78	0.94	0.94	30.06	2.00	2.00	13.8	29.4	2.13	N2	1000	14.7	1.00	1.00	250	1.00	2.13	117.35	DJR		L2508885-05X

*N2 = Nitrogen and H2= Hydrogen
** Dilution factor on this spreadsheet may differ from reported dilution factor (calculated by LIMs) due to different rounding rules
*** Reported to 2 decimal places unless 0.01 or less; then 3 decimal places are reported
Analyst data input fields

Analyst Comments:

in Hg = ((psia/14.67)*29.94)-29.94 atm =psia/14.67 psig=psia - 14.67 psia = dilution instrument reading

SSDS/SVE System Maintenance Log
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx NY

Date	Time	Location	Reason for maintenance	Error message	Restart successful?	Description of persistant problem(s)	Modification to system?	Photograph or sketch of problem/modification
8/27/2024	10:00 AM	SSD/SVE System, Basement, 1st Floor, Roof	Semi-Annual inspection	NA	NA	NA; see Detailed System Monitoring Inspection Form	NA	NA
2/18/2025	12:00 PM	SSD/SVE System, Basement, 1st Floor, Roof	Semi-Annual inspection and annual system vapor sampling	NA	NA	NA; see Detailed System Monitoring Inspection Form	NA	NA

APPENDIX D

SITE COVER INSPECTION FORM

Annual Site-Wide Inspection

Overview of Annual Site-Wide Inspection requirements:

1) General Site conditions at time of inspection;

2) Site Cover System Inspection;

3) Any Site activities currently being conducted (including active Engineering Controls);

4) Last SMP-related Site Activity conducted, upcoming SMP-related tasks;

5) Institutional Control (IC) Checklist (SMP, EWP maintained on-Site, routine SMP tasks being conducted);

6) Evaluation of Engineering Controls (in office); and

7) Site Documentation.

---

1) General Site conditions at time of inspection:

NAME: Brian Quinn	**DATE:** February 18, 2025
TIME: 12:30 PM	**WEATHER:** 20°F, Sunny
Annual Inspection or Emergency Inspection (if emergency, specify nature)? Annual Inspection	

Notes:_____

_____

_____

_____

2) Cover System Inspection (Entire Site Building)

Environmental Control Type: Site Cover System		
Is the site cover system intact?	☑ YES	☐ NO
If no, describe:		
Are all access manhole covers and sampling ports in good condition?	☑ YES	☐ NO
If no, list location and corrective action:		

Observation Notes Regarding Basement and First Floor conditions:

Basement and first floor building slabs are in good condition.

Minor surficial abrasions of first floor tiles were observed in select areas. No corrective actions needed at this time.

Have any disturbances to the Site cover system occurred over the last reporting period?
☐ YES ☑ NO

Notes/Details:

3) Are any SMP-related site activities currently being conducted (including active SSDS/SVE system operation)?

☑ YES ☐ NO

Notes/Details:

Semi-annual groundwater sampling and SSD/SVE system inspection and vapor sampling.

Operation of an active SSD/SVE System has occurred continuously throughout the 2024-2025 reporting period.

4) Last SMP-related Site Activity conducted; and next SMP-related task Scheduled?

Notes/Details:

Semi-annual groundwater gauging and sampling, and SSD/SVE system inspection occurred in August 2024, and during this inspection in February 2025. Next event scheduled August 2025.

Future SMP-related tasks will be scheduled in coordination with the current occupant's school calendar.

5) IC Checklist (SMP, EWP maintained on-Site, routine SMP tasks being conducted)

Copy of SMP on-Site?	☑ YES ☐ NO
Copy of EWP on-Site?	☑ YES ☐ NO
Building Use Still Consistent with SMP (Restricted Residential)?	☑ YES ☐ NO

Have the Required SMP tasks been conducted?

Routine SSDS/SVE system operations monitoring ☑ YES ☐ NO

Detailed SSDS/SVE system maintenance monitoring ☑ YES ☐ NO

Quarterly groundwater monitoring/sampling ☑ YES ☐ NO

Extracted vapor monitoring/sampling ☑ YES ☐ NO

Annual cover system monitoring ☑ YES ☐ NO

Notes:_____

_____

_____

_____

_____

6) Evaluation of ECs

Environmental Control Type: SSDS and SVE System		
Is the blower currently operating? If no, describe reason/alarm condition:	☑ YES	☐ NO
Are gauges and exterior of SSDS control panel clean?	☑ YES	☐ NO
Are there any unusual odors, spills or leaks near the system or on first floor? If yes, decribe source and plans for repair:	☐ YES	☑ NO
Any evidence of system tampering, vandalism or damage in the basement? If yes, describe:	☐ YES	☑ NO
Any evidence of system tampering, vandalism or damage to the exhaust stack (view from 1st, 2nd floors, and exterior)? If yes, describe:	☐ YES	☑ NO
Is air discharging from the exhaust piping to the roof?	☑ YES	☐ NO

SSDS/SVE system operations have also been documented using the applicable inspections logs (see attached) that will be provided as part of the PRR.

Notes: See Appendices B and C of the PRR.

Is the Injection Well Access Manifold in Good/Working Condition?	☑ YES ☐ NO
Has the Injection Well Access Manifold Been Used for Groundwater Treatment over the Last Year?	☐ YES ☑ NO
Have any problems occurred that require corrective action regarding the Injection Well Access Manifold?	☐ YES ☑ NO If Yes, has pressure testing of the system occurred? ☐ YES ☐ NO

Notes:_____

_____

_____

_____

_____

7) Site documentation

Including updates regarding notification to NYSDEC regarding any changes to Site conditions/operations, annual hazardous waste tax filings, routine reporting to NYSDEC).

Notes:_____

No changes to Site conditions/operations occurred during the 2024-2025 reporting period.

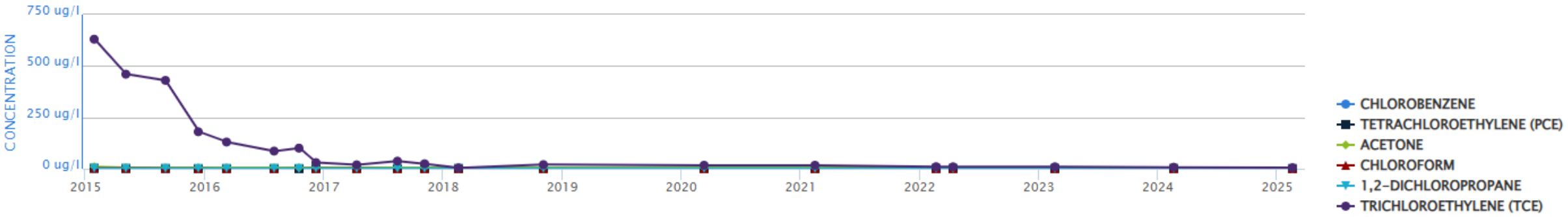
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Semi-annual reporting completed in accordance with the Site Management Plan.

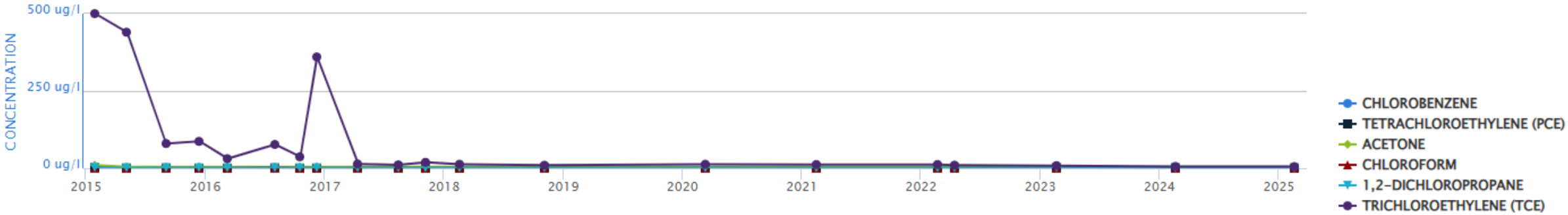
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APPENDIX E
GROUNDWATER QUALITY TRENDS

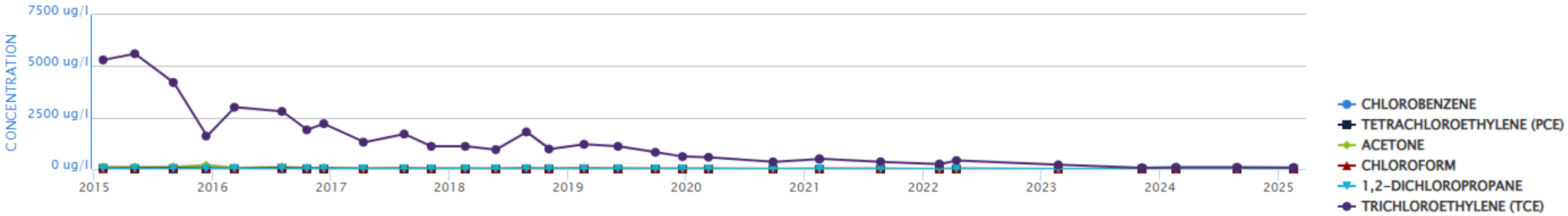
NL-MW-1E


750 ug/l
500 ug/l
250 ug/l
0 ug/l
CONCENTRATION
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
CHLOROBENZENE
TETRACHLOROETHYLENE (PCE)
ACETONE
CHLOROFORM
1,2-DICHLOROPROPANE
TRICHLOROETHYLENE (TCE)

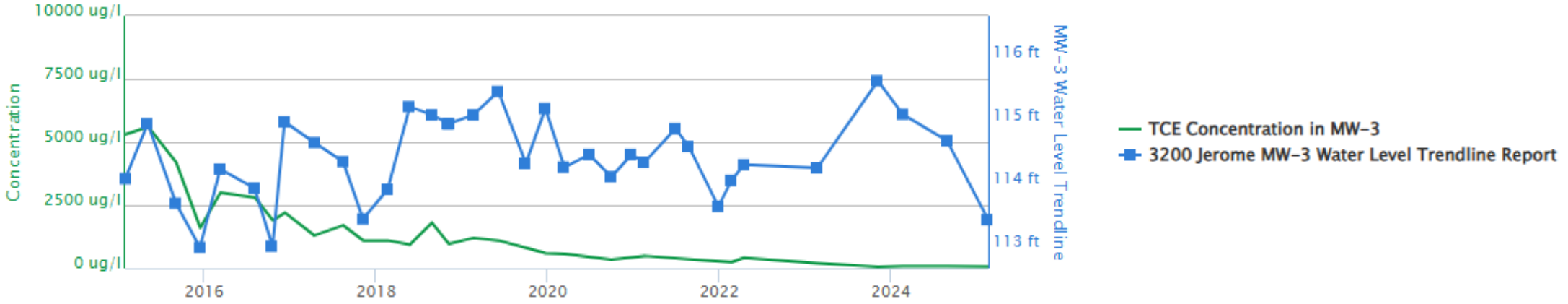
NL-MW-2E


500 ug/l
250 ug/l
0 ug/l
CONCENTRATION
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
CHLOROBENZENE
TETRACHLOROETHYLENE (PCE)
ACETONE
CHLOROFORM
1,2-DICHLOROPROPANE
TRICHLOROETHYLENE (TCE)

NL-MW-3


CONCENTRATION
7500 ug/l
5000 ug/l
2500 ug/l
0 ug/l
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
CHLOROBENZENE
TETRACHLOROETHYLENE (PCE)
ACETONE
CHLOROFORM
1,2-DICHLOROPROPANE
TRICHLOROETHYLENE (TCE)

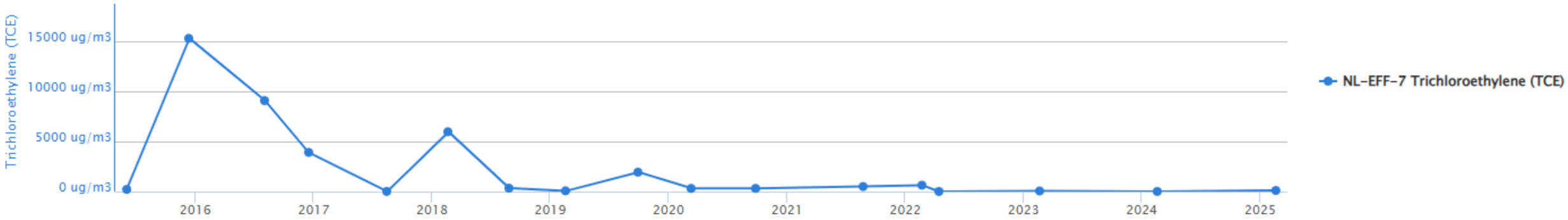
NL-MW-3 and GW Elevation Trend



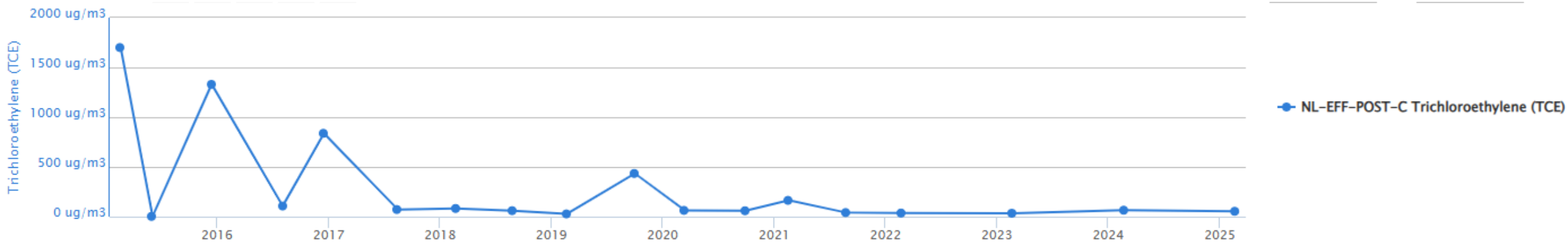
APPENDIX F

SSD/SVE SYSTEM VAPOR TRENDS

NL-IV-7


Trichloroethylene (TCE)
15000 ug/m3
10000 ug/m3
5000 ug/m3
0 ug/m3
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
NL-EFF-7 Trichloroethylene (TCE)

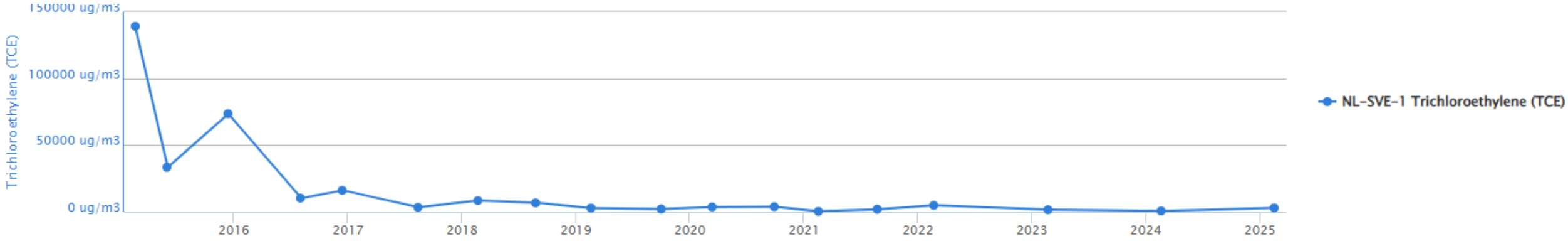
NL-EV-POST


2000 ug/m3
1500 ug/m3
1000 ug/m3
500 ug/m3
0 ug/m3
Trichloroethylene (TCE)
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
NL-EFF-POST-C Trichloroethylene (TCE)

NL-IV-TOTAL


6000 ug/m3
4000 ug/m3
2000 ug/m3
0 ug/m3
Trichloroethylene (TCE)
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
NL–EFF–TOTAL Trichloroethylene (TCE)

NL-SVE-1


150000 ug/m3
100000 ug/m3
50000 ug/m3
0 ug/m3
Trichloroethylene (TCE)
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
NL-SVE-1 Trichloroethylene (TCE)

APPENDIX G

WASTE DISPOSAL DOCUMENTATION

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD001486752	1	631-606-8810	020560289 JJK

GENERATOR

5. Generator's Name and Mailing Address
The Rinzler Family Limited Partnership
200 Madison Avenue, 24th Floor
New York NY 10016
Generator's Phone: 646 388-9768

Generator's Site Address (if different than mailing address)
Nassen Lampe Site Formerly
3200 Jerome Avenue
Bronx NY 10468

6. Transporter 1 Company Name: Brookside Environmental, Inc. — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name: Veolia ES Technical Solutions, LLC — U.S. EPA ID Number: NYD080631369

8. Designated Facility Name and Site Address
Veolia ES Technical Solutions, LLC
1 Eden Lane
Flanders NJ 07836
Facility's Phone: 973 347-1909
U.S. EPA ID Number: NJD980536593

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII, (F001), (Trichloroethene)	001	DM	00055	G	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1(F) Waste with trichloroethene, WP # 980653, 1 x 55 gallon drum. ERG#171
10 day receipt 2/28/25

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian Quinn, AKRF as agent for Generator — Signature — Month 02 Day 18 Year 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.: 02/18/25

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Peredo — Signature — Month 02 Day 18 Year 25

Transporter 2 Printed/Typed Name: Joshua Stewart — Signature — Month 2 Day 27 Year 25

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michael Romano — Signature — Month 02 Day 28 Year 25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark Jepsen
AKRF Inc
440 Park Avenue South
7th Floor
New York NY 10016

Generated 8/31/2024 10:17 PM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-310269-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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Compliance Statement

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

Authorization



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

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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-310269-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The sample was received on 8/27/2024 6:45 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Analyses were listed on COC, but individual samples were not designated for specific analyses.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample NL-PWD-01_20240827 (460-310269-1) was analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/30/2024.

Trichloroethene failed the recovery criteria low for the MS of sample 460-310268-1 in batch 460-993368.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-310269-1	NL-PWD-01_20240827	Water	08/27/24 14:30	08/27/24 18:45

Detection Summary

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-PWD-01_20240827
Lab Sample ID: 460-310269-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.2		1.0	0.33	ug/L	1		8260D	Total/NA
Benzene	0.32	J	1.0	0.20	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.24	J	1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	0.83	J	1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.64	J	1.0	0.34	ug/L	1		8260D	Total/NA
Trichloroethene	7.5		1.0	0.31	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: NL-PWD-01_20240827
Lab Sample ID: 460-310269-1

Date Collected: 08/27/24 14:30
Matrix: Water

Date Received: 08/27/24 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 18:00	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 18:00	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 18:00	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 18:00	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 18:00	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 18:00	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 18:00	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 18:00	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 18:00	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 18:00	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 18:00	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 18:00	1
1,4-Dichlorobenzene	**1.2**		1.0	0.33	ug/L			08/30/24 18:00	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 18:00	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 18:00	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 18:00	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 18:00	1
Benzene	**0.32**	**J**	1.0	0.20	ug/L			08/30/24 18:00	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 18:00	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 18:00	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 18:00	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 18:00	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 18:00	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 18:00	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 18:00	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 18:00	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 18:00	1
cis-1,2-Dichloroethene	**0.24**	**J**	1.0	0.22	ug/L			08/30/24 18:00	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 18:00	1
Cyclohexane	**0.83**	**J**	1.0	0.32	ug/L			08/30/24 18:00	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 18:00	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 18:00	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 18:00	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 18:00	1
Isopropylbenzene	**0.64**	**J**	1.0	0.34	ug/L			08/30/24 18:00	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 18:00	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 18:00	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 18:00	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 18:00	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 18:00	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 18:00	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 18:00	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 18:00	1
Trichloroethene	**7.5**		1.0	0.31	ug/L			08/30/24 18:00	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 18:00	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 18:00	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*08/30/24 18:00*	*1*

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-PWD-01_20240827
Lab Sample ID: 460-310269-1
Date Collected: 08/27/24 14:30
Matrix: Water
Date Received: 08/27/24 18:45

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	102		76 - 120		08/30/24 18:00	1
Dibromofluoromethane (Surr)	100		77 - 132		08/30/24 18:00	1
Toluene-d8 (Surr)	100		80 - 120		08/30/24 18:00	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-310269-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-310268-A-1 MS	Matrix Spike	100	102	100	99
460-310268-A-1 MSD	Matrix Spike Duplicate	98	100	99	98
460-310269-1	NL-PWD-01_20240827	100	102	100	100
LCS 460-993368/17	Lab Control Sample	95	101	101	100
MB 460-993368/21	Method Blank	95	100	98	100

Surrogate Legend

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

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

Lab Sample ID: MB 460-993368/21
Matrix: Water
Analysis Batch: 993368

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/30/24 15:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/30/24 15:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			08/30/24 15:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/30/24 15:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/30/24 15:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/30/24 15:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			08/30/24 15:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			08/30/24 15:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/30/24 15:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/30/24 15:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/30/24 15:23	1
2-Butanone	1.9	U	5.0	1.9	ug/L			08/30/24 15:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/30/24 15:23	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			08/30/24 15:23	1
Acetone	4.4	U	5.0	4.4	ug/L			08/30/24 15:23	1
Benzene	0.20	U	1.0	0.20	ug/L			08/30/24 15:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/30/24 15:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/30/24 15:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/30/24 15:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/30/24 15:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/30/24 15:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/30/24 15:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			08/30/24 15:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/30/24 15:23	1
Freon TF	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/30/24 15:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			08/30/24 15:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
MTBE	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Styrene	0.42	U	1.0	0.42	ug/L			08/30/24 15:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/30/24 15:23	1
Toluene	0.38	U	1.0	0.38	ug/L			08/30/24 15:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/30/24 15:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/30/24 15:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/30/24 15:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/30/24 15:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/30/24 15:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/30/24 15:23	1

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

Lab Sample ID: MB 460-993368/21
Matrix: Water
Analysis Batch: 993368

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 128		08/30/24 15:23	1
Bromofluorobenzene	100		76 - 120		08/30/24 15:23	1
Dibromofluoromethane (Surr)	98		77 - 132		08/30/24 15:23	1
Toluene-d8 (Surr)	100		80 - 120		08/30/24 15:23	1

Lab Sample ID: LCS 460-993368/17
Matrix: Water
Analysis Batch: 993368

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.9		ug/L		109	63 - 139
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	74 - 125
1,1-Dichloroethane	20.0	20.6		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	19.7		ug/L		99	68 - 133
1,2,4-Trichlorobenzene	20.0	22.3		ug/L		112	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.1		ug/L		105	58 - 132
1,2-Dibromoethane	20.0	20.5		ug/L		103	79 - 126
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
1,2-Dichloroethane	20.0	19.1		ug/L		96	66 - 129
1,2-Dichloropropane	20.0	21.3		ug/L		106	72 - 128
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
2-Butanone	100	97.2		ug/L		97	65 - 142
2-Hexanone	100	106		ug/L		106	72 - 134
4-Methyl-2-pentanone	100	104		ug/L		104	77 - 130
Acetone	100	96.2		ug/L		96	60 - 133
Benzene	20.0	20.4		ug/L		102	71 - 126
Bromodichloromethane	20.0	21.1		ug/L		105	76 - 121
Bromoform	20.0	22.4		ug/L		112	58 - 128
Bromomethane	20.0	19.7		ug/L		98	33 - 150
Carbon disulfide	20.0	18.4		ug/L		92	35 - 150
Carbon tetrachloride	20.0	24.0		ug/L		120	65 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 120
Chloroethane	20.0	18.5		ug/L		92	54 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 149
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	78 - 121
cis-1,3-Dichloropropene	20.0	20.3		ug/L		101	74 - 125
Cyclohexane	20.0	23.1		ug/L		115	64 - 142
Dibromochloromethane	20.0	21.8		ug/L		109	73 - 121
Dichlorodifluoromethane	20.0	18.4		ug/L		92	38 - 144
Ethylbenzene	20.0	21.1		ug/L		106	78 - 120
Freon TF	20.0	24.0		ug/L		120	65 - 142
Isopropylbenzene	20.0	24.3		ug/L		121	79 - 125
Methylcyclohexane	20.0	23.6		ug/L		118	63 - 138
Methylene Chloride	20.0	19.3		ug/L		96	74 - 127
MTBE	20.0	19.9		ug/L		100	72 - 131

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

Lab Sample ID: LCS 460-993368/17
Matrix: Water
Analysis Batch: 993368

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			20.0	22.0		ug/L		110	82 - 127		
Tetrachloroethene			20.0	21.6		ug/L		108	70 - 127		
Toluene			20.0	18.6		ug/L		93	78 - 120		
trans-1,2-Dichloroethene			20.0	20.0		ug/L		100	70 - 126		
trans-1,3-Dichloropropene			20.0	22.5		ug/L		113	71 - 127		
Trichloroethene			20.0	20.7		ug/L		103	73 - 121		
Trichlorofluoromethane			20.0	21.5		ug/L		108	62 - 134		
Vinyl chloride			20.0	21.6		ug/L		108	55 - 144		
Xylenes, Total			40.0	43.5		ug/L		109	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-310268-A-1 MS
Matrix: Water
Analysis Batch: 993368

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	0.24	U	20.0	21.8		ug/L		109	72 - 128		
1,1,2,2-Tetrachloroethane	0.37	U	20.0	21.9		ug/L		110	63 - 139		
1,1,2-Trichloroethane	0.20	U	20.0	21.5		ug/L		108	74 - 125		
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		104	73 - 130		
1,1-Dichloroethene	0.26	U	20.0	18.5		ug/L		92	68 - 133		
1,2,4-Trichlorobenzene	0.37	U	20.0	22.3		ug/L		112	67 - 132		
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	23.3		ug/L		117	58 - 132		
1,2-Dibromoethane	0.50	U	20.0	21.6		ug/L		108	79 - 126		
1,2-Dichlorobenzene	0.21	U	20.0	21.1		ug/L		105	80 - 120		
1,2-Dichloroethane	0.43	U	20.0	19.9		ug/L		99	66 - 129		
1,2-Dichloropropane	0.35	U	20.0	20.9		ug/L		104	72 - 128		
1,3-Dichlorobenzene	0.34	U	20.0	21.1		ug/L		106	80 - 120		
1,4-Dichlorobenzene	0.33	U	20.0	21.2		ug/L		106	80 - 120		
2-Butanone	1.9	U	100	98.5		ug/L		99	65 - 142		
2-Hexanone	1.1	U	100	119		ug/L		119	72 - 134		
4-Methyl-2-pentanone	1.3	U	100	114		ug/L		114	77 - 130		
Acetone	4.4	U	100	87.8		ug/L		88	60 - 133		
Benzene	4.1		20.0	23.3		ug/L		96	71 - 126		
Bromodichloromethane	0.34	U	20.0	20.8		ug/L		104	76 - 121		
Bromoform	0.54	U	20.0	23.8		ug/L		119	58 - 128		
Bromomethane	0.55	U	20.0	19.1		ug/L		96	33 - 150		
Carbon disulfide	0.82	U	20.0	17.4		ug/L		87	35 - 150		
Carbon tetrachloride	0.21	U	20.0	23.9		ug/L		119	65 - 131		
Chlorobenzene	0.38	U	20.0	21.1		ug/L		106	80 - 120		
Chloroethane	0.32	U	20.0	17.5		ug/L		87	54 - 150		
Chloroform	0.63	J	20.0	21.1		ug/L		102	78 - 125		
Chloromethane	0.40	U	20.0	19.1		ug/L		96	43 - 149		

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

Lab Sample ID: 460-310268-A-1 MS
Matrix: Water
Analysis Batch: 993368

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	2.8		20.0	21.6		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	21.4		ug/L		107	74 - 125
Cyclohexane	13		20.0	28.7		ug/L		76	64 - 142
Dibromochloromethane	0.28	U	20.0	22.4		ug/L		112	73 - 121
Dichlorodifluoromethane	0.31	U	20.0	8.48		ug/L		42	38 - 144
Ethylbenzene	0.30	U	20.0	21.3		ug/L		107	78 - 120
Freon TF	0.31	U	20.0	17.7		ug/L		88	65 - 142
Isopropylbenzene	11		20.0	31.1		ug/L		102	79 - 125
Methylcyclohexane	6.2		20.0	24.8		ug/L		93	63 - 138
Methylene Chloride	0.32	U	20.0	20.0		ug/L		100	74 - 127
MTBE	0.74	J	20.0	20.8		ug/L		100	72 - 131
Styrene	0.42	U	20.0	21.5		ug/L		107	82 - 127
Tetrachloroethene	0.25	U	20.0	21.9		ug/L		110	70 - 127
Toluene	0.38	U	20.0	18.9		ug/L		95	78 - 120
trans-1,2-Dichloroethene	0.91	J	20.0	21.0		ug/L		100	70 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	21.7		ug/L		109	71 - 127
Trichloroethene	84		20.0	98.0	*	ug/L		69	73 - 121
Trichlorofluoromethane	0.32	U	20.0	14.8		ug/L		74	62 - 134
Vinyl chloride	0.17	U	20.0	16.9		ug/L		84	55 - 144
Xylenes, Total	0.65	U	40.0	43.5		ug/L		109	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-310268-A-1 MSD
Matrix: Water
Analysis Batch: 993368

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	23.7		ug/L		118	72 - 128	8	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	23.7		ug/L		118	63 - 139	8	30
1,1,2-Trichloroethane	0.20	U	20.0	22.6		ug/L		113	74 - 125	5	30
1,1-Dichloroethane	0.26	U	20.0	22.0		ug/L		110	73 - 130	6	30
1,1-Dichloroethene	0.26	U	20.0	20.8		ug/L		104	68 - 133	12	30
1,2,4-Trichlorobenzene	0.37	U	20.0	24.2		ug/L		121	67 - 132	8	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	24.4		ug/L		122	58 - 132	5	30
1,2-Dibromoethane	0.50	U	20.0	22.2		ug/L		111	79 - 126	2	30
1,2-Dichlorobenzene	0.21	U	20.0	22.4		ug/L		112	80 - 120	6	30
1,2-Dichloroethane	0.43	U	20.0	20.8		ug/L		104	66 - 129	5	30
1,2-Dichloropropane	0.35	U	20.0	21.5		ug/L		107	72 - 128	3	30
1,3-Dichlorobenzene	0.34	U	20.0	21.9		ug/L		109	80 - 120	3	30
1,4-Dichlorobenzene	0.33	U	20.0	22.0		ug/L		110	80 - 120	4	30
2-Butanone	1.9	U	100	103		ug/L		103	65 - 142	5	30
2-Hexanone	1.1	U	100	126		ug/L		126	72 - 134	5	30
4-Methyl-2-pentanone	1.3	U	100	122		ug/L		122	77 - 130	7	30

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

Lab Sample ID: 460-310268-A-1 MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 993368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	98.2		ug/L		98	60 - 133	11	30
Benzene	4.1		20.0	24.9		ug/L		104	71 - 126	7	30
Bromodichloromethane	0.34	U	20.0	21.4		ug/L		107	76 - 121	3	30
Bromoform	0.54	U	20.0	24.7		ug/L		124	58 - 128	4	30
Bromomethane	0.55	U	20.0	20.3		ug/L		101	33 - 150	6	30
Carbon disulfide	0.82	U	20.0	19.6		ug/L		98	35 - 150	12	30
Carbon tetrachloride	0.21	U	20.0	26.1		ug/L		131	65 - 131	9	30
Chlorobenzene	0.38	U	20.0	22.4		ug/L		112	80 - 120	6	30
Chloroethane	0.32	U	20.0	19.0		ug/L		95	54 - 150	8	30
Chloroform	0.63	J	20.0	22.6		ug/L		110	78 - 125	7	30
Chloromethane	0.40	U	20.0	21.8		ug/L		109	43 - 149	13	30
cis-1,2-Dichloroethene	2.8		20.0	23.7		ug/L		105	78 - 121	9	30
cis-1,3-Dichloropropene	0.22	U	20.0	22.1		ug/L		111	74 - 125	3	30
Cyclohexane	13		20.0	32.5		ug/L		95	64 - 142	12	30
Dibromochloromethane	0.28	U	20.0	24.1		ug/L		121	73 - 121	7	30
Dichlorodifluoromethane	0.31	U	20.0	9.92		ug/L		50	38 - 144	16	30
Ethylbenzene	0.30	U	20.0	22.9		ug/L		114	78 - 120	7	30
Freon TF	0.31	U	20.0	20.4		ug/L		102	65 - 142	14	30
Isopropylbenzene	11		20.0	33.1		ug/L		112	79 - 125	6	30
Methylcyclohexane	6.2		20.0	28.2		ug/L		110	63 - 138	13	30
Methylene Chloride	0.32	U	20.0	22.0		ug/L		110	74 - 127	10	30
MTBE	0.74	J	20.0	22.3		ug/L		108	72 - 131	7	30
Styrene	0.42	U	20.0	22.7		ug/L		114	82 - 127	6	30
Tetrachloroethene	0.25	U	20.0	22.8		ug/L		114	70 - 127	4	30
Toluene	0.38	U	20.0	19.9		ug/L		100	78 - 120	5	30
trans-1,2-Dichloroethene	0.91	J	20.0	22.8		ug/L		109	70 - 126	8	30
trans-1,3-Dichloropropene	0.22	U	20.0	22.7		ug/L		113	71 - 127	4	30
Trichloroethene	84		20.0	101		ug/L		86	73 - 121	3	30
Trichlorofluoromethane	0.32	U	20.0	16.6		ug/L		83	62 - 134	11	30
Vinyl chloride	0.17	U	20.0	19.4		ug/L		97	55 - 144	14	30
Xylenes, Total	0.65	U	40.0	46.3		ug/L		116	80 - 120	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 993368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-310269-1	NL-PWD-01_20240827	Total/NA	Water	8260D	
MB 460-993368/21	Method Blank	Total/NA	Water	8260D	
LCS 460-993368/17	Lab Control Sample	Total/NA	Water	8260D	
460-310268-A-1 MS	Matrix Spike	Total/NA	Water	8260D	
460-310268-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-PWD-01_20240827
Lab Sample ID: 460-310269-1

Date Collected: 08/27/24 14:30
Matrix: Water
Date Received: 08/27/24 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	993368	KLB	EET EDI	08/30/24 18:00

Laboratory References:

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-310269-1
Project/Site: 3200 Jerome Ave, Bronx

Laboratory: Eurofins Edison

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

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00172	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	14DIOXINTER_00154	100 uL	1,4-Dioxane	500.001 ug/mL
.14DIOXINTER_00154	02/28/25	03/31/23	MeOH, Lot 22C2862010	10 mL	14DIOXNEAT_00004	483.56 uL	1,4-Dioxane	50000.1 ug/mL
..14DIOXNEAT_00004	02/28/25	SIGMA-ALDRICH, Lot BCCH3811			(Purchased Reagent)		1,4-Dioxane	1.034 g/g
524FREONS_00023	09/15/24	08/15/24	MeOH, Lot EI434-US	10 mL	7 Freons_00005	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00017	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	7 Freons_00005	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00005	04/07/26	Absolute, Lot 040723			(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00183	08/31/24	08/13/24	MeOH, Lot EI434-US	10 mL	KetonesC SS_00016	200 uL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					Mega Mix SS_00021	200 uL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.KetonesC SS_00016	02/28/26		RESTEK, Lot A0194631		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix SS_00021	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	50.12 ug/mL
					EPICH(working_00014	500 uL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00024	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00029	1 mL	2-Butanone	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Freon TF	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							MTBE	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	100 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00192	09/15/24	08/15/24	MeOH, Lot EI434-US	50 mL	Mega Mix_00041	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
ACROLEIN W_00173	09/24/24	08/24/24	MeOH, Lot EI863-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00128	09/06/24	08/06/24	MeOH, Lot EI434-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00014	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00036							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	200 uL	BFB	50 ug/mL
							Bromofluorobenzene	50 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		BFB	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
Ethanol mix_00092	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	ETHANOL(new)_00024	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00024	05/31/27		RESTEK, Lot A0212265		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS C SP_00583	09/03/24	08/27/24	MeOH, Lot EI434-US	10 mL	GASES SS_00027	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00027	05/31/27		RESTEK, Lot A0211505		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS Hi_00477	09/05/24	08/22/24	MeOH, Lot EI863-US	5 mL	GASES C_00041	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00600	09/03/24	08/27/24	MeOH, Lot EI863-US	25 mL	GASES C_00041	0.5 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00041	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00152	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	2-CEVEC_00030	1 mL	2-Chloroethyl vinyl ether	501.2 ug/mL
					Extra Cmpd_00023	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00022	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00025	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00029	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.2-CEVEC_00030	02/28/27		RESTEK, Lot A0208368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2506 ug/mL
.Extra Cmpd_00023	09/29/25		Absolute, Lot 092922		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00022	04/30/25		RESTEK, Lot A0203604		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00025	01/31/25		RESTEK, Lot A0200274		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00029	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00179	09/02/24	08/02/24	MeOH, Lot EI434-US	5 mL	EPICH(working_00014	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00029	1 mL	2-Butanone	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	2500 ug/mL
					Mega Mix_00041	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dibromoethane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromodichloromethane	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromochloromethane	500 ug/mL
							Dibromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Freon TF	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							MTBE	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00100	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00014	09/24/25	04/27/24	MeOH, Lot 22L0562016	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00029	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00041	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Freon TF	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							MTBE	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00100	09/30/25		RESTEK, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VOA6IS/SURR_00076	10/27/24	08/27/24	MeOH, Lot EI863-US	10 mL	8260 SURR C_00064	200 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							Bromofluorobenzene	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					8260ISNEW_00206	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Dioxane-d8	1000 ug/mL
							2-Butanone-d5	250 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
							TBA-d9 (IS)	1000 ug/mL
.8260 SURR C_00064	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.8260ISNEW_00206	06/30/29		RESTEK, Lot A0212332		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL

Reagent

14DIOXNEAT_00004

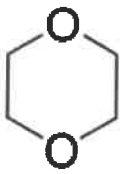
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Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

Product Number:	**76887**
Batch Number:	**BCCH3811**
Brand:	SIAL
CAS Number:	123-91-1
Formula:	C4H8O2
Formula Weight:	88,11 g/mol
Quality Release Date:	18 MAR 2022
Expiration Date:	FEB 2025



R2386

HS 3/31/23 #10669636

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 99.5 %	100.0 %
Refractive index at 20 °C	1.421 - 1.423	1.422
Water (Coulometric)	≤ 0.05 %	0.03 %
Peroxide (as H2O2)	≤ 50.00 mg/kg	< 50.00 mg/kg

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

2-CEVEC_00030

R2510

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569723 **Lot No.:** A0208368

Description : 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Chloroethyl vinyl ether	110-75-8	MKCK6742	99%	2,521.0 µg/mL	+/- 31.3743

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

7 Freons_00005

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Certified Reference Material CRM

R2518

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT

Part Number:	65833	**Solvent(s):**	**Lot#**	
Lot Number:	040723	Methanol	EF282-USQ5	
Description:	Freon Standard Rev 1 7 components			
Expiration Date:	040726			
Recommended Storage:	Freezer (0 °C)			
Nominal Concentration (µg/mL):	2000			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	

Eli Aliaga		040723
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		040723
Reviewed By:	Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00064

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R25119

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

8260ISNEW_00206

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R2537
7/30/24 MS
1191692

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0212332

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : June 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,028.8 µg/mL	+/- 62.4550
2	2-Butanone-d5	24313-50-6	M-276	99%	1,256.0 µg/mL	+/- 15.5990
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.1 µg/mL	+/- 3.1204
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,011.4 µg/mL	+/- 62.2392
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.6 µg/mL	+/- 3.1142
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	252.4 µg/mL	+/- 3.1360

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00025

R2511

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

Page 40 of 464

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Reagent

Acrylonitrile_00010

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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

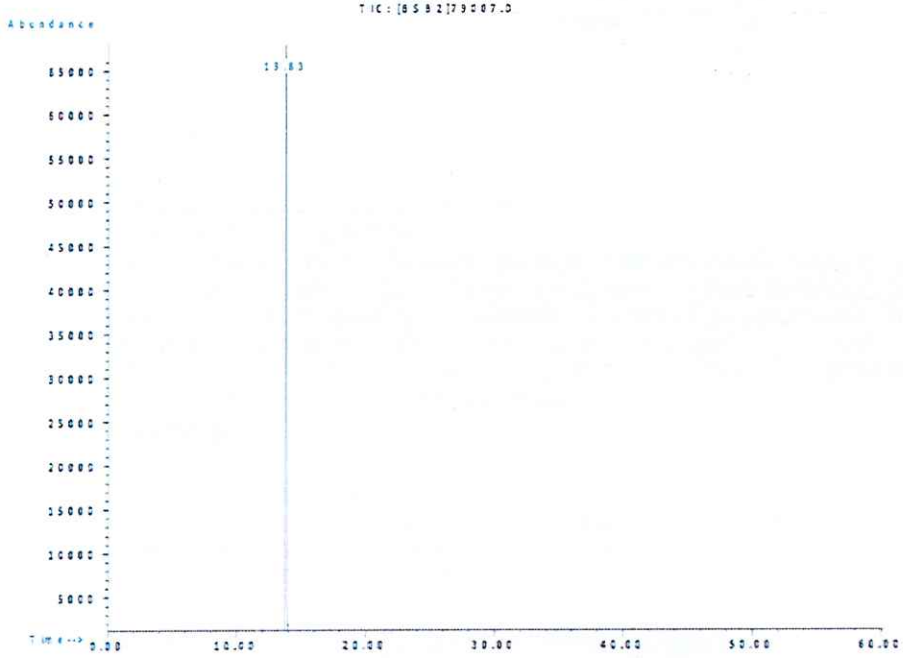
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

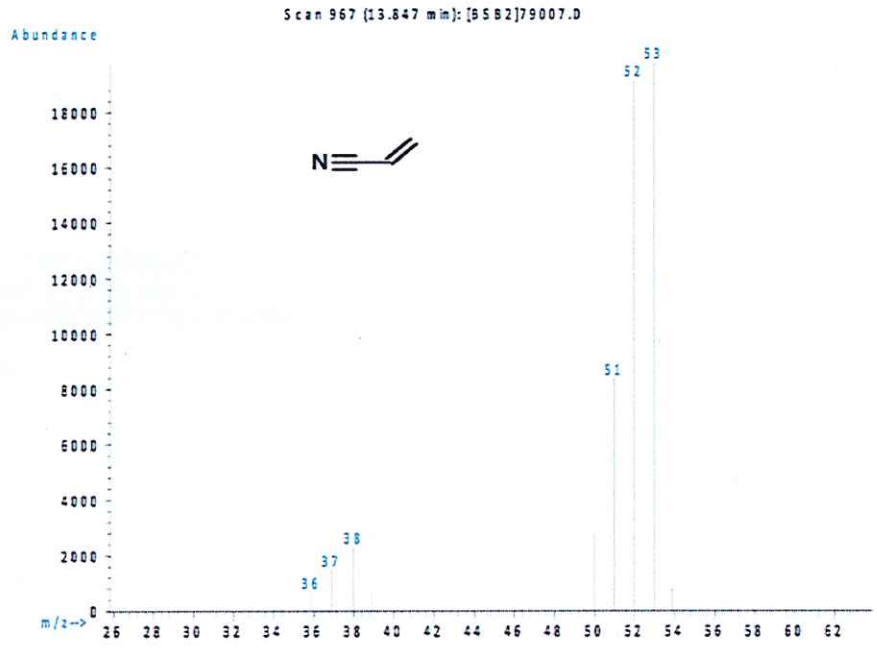
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	061523 DATE
Reviewed By:	Pedro L. Rentas	061523 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

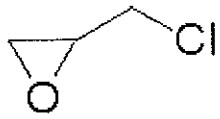
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Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00024

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MS 6/6/24 #11794800

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0212265

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR1203	99%	100,982.0 µg/mL	+/- 1,256.0897

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Extra Cmpd_00023

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Certified Reference Material CRM

R2517

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EC592-USQ6

Formulated By:	Benson Chan	092922 DATE
Reviewed By:	Pedro L. Rentas	092922 DATE

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.25511	0.25561	2504.9	10.3	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.25511	0.25536	2502.4	10.3	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.25254	0.25273	2501.9	10.2	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.25254	0.25285	2503.1	10.2	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	04013BX	2500	99	0.2	0.25254	0.25265	2501.1	10.2	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.25254	0.25313	2505.9	10.2	622-96-8	N/A	N/A
7.	Indan	955	02625MQ	2500	96	0.2	0.26043	0.26075	2503.1	10.5	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.25076	0.25112	2503.5	10.1	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	U17E045	2500	99.9	0.2	0.25026	0.25097	2507.1	10.1	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.25026	0.25088	2506.2	10.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	SHBM5087	**5000**	99.4	0.2	0.50304	0.50358	**5005.3**	20.2	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.25254	0.25286	2503.2	10.2	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.25511	0.25520	2500.8	10.3	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.25511	0.25536	2502.4	10.3	105-05-5	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

GASES C_00041

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MS 6/6/24 # 11794792

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

GASES SS_00027

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722.SEC **Lot No.:** A0211505

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,506.6 µg/mL	+/- 141.9537
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,508.3 µg/mL	+/- 142.1039
3	Vinyl chloride	75-01-4 *	00015559	99%	2,513.8 µg/mL	+/- 142.7235
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,508.8 µg/mL	+/- 142.0275
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,535.7 µg/mL	+/- 145.7487
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,503.6 µg/mL	+/- 141.4181
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,523.6 µg/mL	+/- 141.7792
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,509.1 µg/mL	+/- 141.8184

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

KetonesC SS_00016

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MS 11/7/23 R2444 #11295656

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721.SEC **Lot No.:** A0194631

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1.SEC	S25F025	99%	12,530.8 µg/mL	+/- 433.0935
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,522.8 µg/mL	+/- 432.8170
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,555.6 µg/mL	+/- 433.9507
4	2-Hexanone	591-78-6.SEC	Y3TUO	99%	12,580.4 µg/mL	+/- 434.8078

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

KetonesC_00029

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00022

R2513

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0203604

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBQ4760	99%	25,118.5 µg/mL	+/- 410.7356
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	230928JLM	99%	2,517.5 µg/mL	+/- 41.1780
3	Methacrylonitrile	126-98-7	1012014	99%	25,073.0 µg/mL	+/- 409.9916
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	2,521.5 µg/mL	+/- 41.2434
5	1-Butanol	71-36-3	101601K21K	99%	62,717.5 µg/mL	+/- 1,025.5446
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,037.2 µg/mL	+/- 82.3680
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,509.5 µg/mL	+/- 41.0471
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-36	98%	2,524.0 µg/mL	+/- 41.2841
9	Benzyl chloride	100-44-7	SHBH2102V	99%	2,511.5 µg/mL	+/- 41.0798
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,515.0 µg/mL	+/- 41.1371

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00025

R2514

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0200274

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBP9289	99%	5,031.0 µg/mL	+/- 173.8830
2	Ethyl acrylate	140-88-5	10129902	99%	2,502.5 µg/mL	+/- 86.4979
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,000.0 µg/mL	+/- 172.8116
4	Butyl acetate	123-86-4	SHBP6314	99%	2,506.0 µg/mL	+/- 86.6188

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix SS_00021

R2477

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0207697

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : February 28, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUE

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,042.7 µg/mL	+/- 62.7252
2	2-Butanone-d5	24313-50-6	M-276	99%	1,258.3 µg/mL	+/- 15.6602
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.3 µg/mL	+/- 3.1239
4	1,4-Dioxane-d8	17647-74-4	RP230605	99%	5,042.0 µg/mL	+/- 62.7169
5	Chlorobenzene-d5	3114-55-4	PR-29571	99%	250.7 µg/mL	+/- 3.1280
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1280

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

Mega Mix_00041

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

POLAR ADD_00029

R2512

RESTEK

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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chromatographic plus

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Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Vinyl Acetate_00100

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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R2508

MS 5/8/24

11721736

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0209567

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RP231030CTH	98%	5,034.8 µg/mL	+/- 173.9777

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

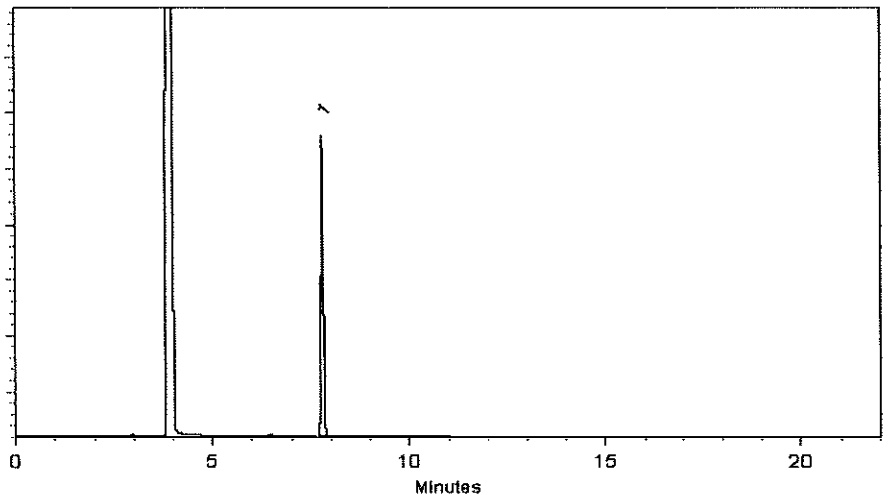
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Creighead - Mix Technician

Date Mixed: 27-Mar-2024 **Balance Serial #** B251644995

Amanda Miller - Operations Tech III - ARM QC

Date Passed: 29-Mar-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VMC21SU_00011

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

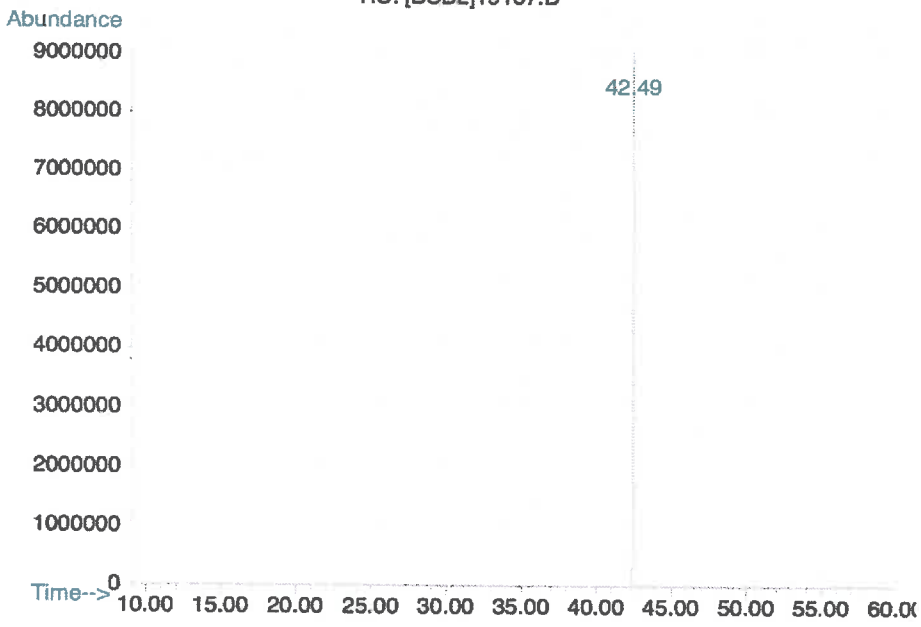
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

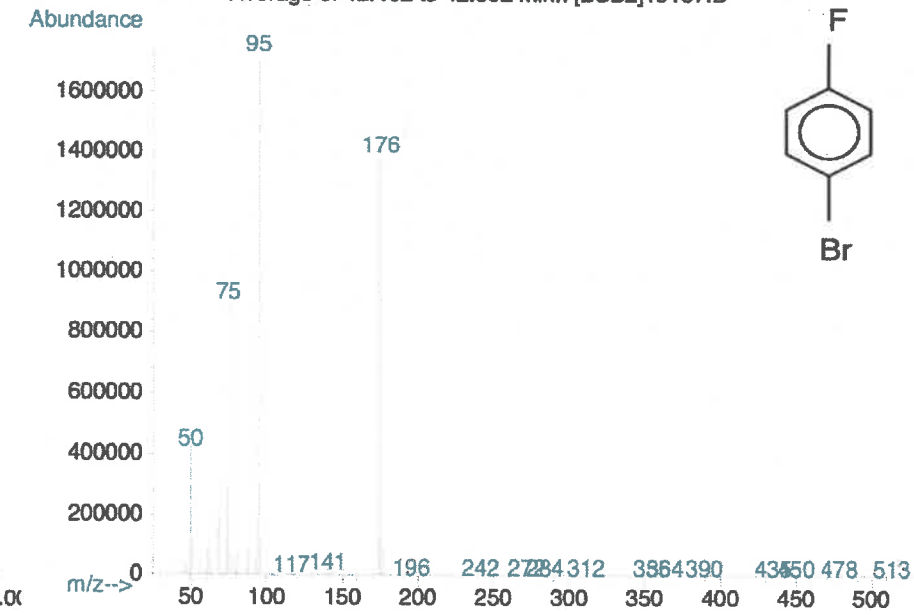
	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
NL-PWD-01_20240827	460-310269-1	100	100	100	102
	MB 460-993368/21	98	95	100	100
	LCS 460-993368/17	101	95	100	101
	460-310268-A-1 MS	100	100	99	102
	460-310268-A-1 MSD	99	98	98	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84424.D

Lab ID: LCS 460-993368/17 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.9	109	63-139	
1,1,2-Trichloroethane	20.0	21.1	106	74-125	
1,1-Dichloroethane	20.0	20.6	103	73-130	
1,1-Dichloroethene	20.0	19.7	99	68-133	
1,2,4-Trichlorobenzene	20.0	22.3	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.1	105	58-132	
1,2-Dibromoethane	20.0	20.5	103	79-126	
1,2-Dichlorobenzene	20.0	20.8	104	80-120	
1,2-Dichloroethane	20.0	19.1	96	66-129	
1,2-Dichloropropane	20.0	21.3	106	72-128	
1,3-Dichlorobenzene	20.0	20.5	103	80-120	
1,4-Dichlorobenzene	20.0	21.0	105	80-120	
2-Butanone	100	97.2	97	65-142	
2-Hexanone	100	106	106	72-134	
4-Methyl-2-pentanone	100	104	104	77-130	
Acetone	100	96.2	96	60-133	
Benzene	20.0	20.4	102	71-126	
Bromodichloromethane	20.0	21.1	105	76-121	
Bromoform	20.0	22.4	112	58-128	
Bromomethane	20.0	19.7	98	33-150	
Carbon disulfide	20.0	18.4	92	35-150	
Carbon tetrachloride	20.0	24.0	120	65-131	
Chlorobenzene	20.0	21.2	106	80-120	
Chloroethane	20.0	18.5	92	54-150	
Chloroform	20.0	20.7	104	78-125	
Chloromethane	20.0	18.8	94	43-149	
cis-1,2-Dichloroethene	20.0	19.9	99	78-121	
cis-1,3-Dichloropropene	20.0	20.3	101	74-125	
Cyclohexane	20.0	23.1	115	64-142	
Dibromochloromethane	20.0	21.8	109	73-121	
Dichlorodifluoromethane	20.0	18.4	92	38-144	
Ethylbenzene	20.0	21.1	106	78-120	
Freon TF	20.0	24.0	120	65-142	
Isopropylbenzene	20.0	24.3	121	79-125	
Methylcyclohexane	20.0	23.6	118	63-138	
Methylene Chloride	20.0	19.3	96	74-127	
MTBE	20.0	19.9	100	72-131	
Styrene	20.0	22.0	110	82-127	
Tetrachloroethene	20.0	21.6	108	70-127	
Toluene	20.0	18.6	93	78-120	
trans-1,2-Dichloroethene	20.0	20.0	100	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84424.D

Lab ID: LCS 460-993368/17 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	22.5	113	71-127	
Trichloroethene	20.0	20.7	103	73-121	
Trichlorofluoromethane	20.0	21.5	108	62-134	
Vinyl chloride	20.0	21.6	108	55-144	
Xylenes, Total	40.0	43.5	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84448.D

Lab ID: 460-310268-A-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	21.8	109	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	21.9	110	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	21.5	108	74-125	
1,1-Dichloroethane	20.0	0.26 U	20.7	104	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.5	92	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	22.3	112	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	23.3	117	58-132	
1,2-Dibromoethane	20.0	0.50 U	21.6	108	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	21.1	105	80-120	
1,2-Dichloroethane	20.0	0.43 U	19.9	99	66-129	
1,2-Dichloropropane	20.0	0.35 U	20.9	104	72-128	
1,3-Dichlorobenzene	20.0	0.34 U	21.1	106	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	21.2	106	80-120	
2-Butanone	100	1.9 U	98.5	99	65-142	
2-Hexanone	100	1.1 U	119	119	72-134	
4-Methyl-2-pentanone	100	1.3 U	114	114	77-130	
Acetone	100	4.4 U	87.8	88	60-133	
Benzene	20.0	4.1	23.3	96	71-126	
Bromodichloromethane	20.0	0.34 U	20.8	104	76-121	
Bromoform	20.0	0.54 U	23.8	119	58-128	
Bromomethane	20.0	0.55 U	19.1	96	33-150	
Carbon disulfide	20.0	0.82 U	17.4	87	35-150	
Carbon tetrachloride	20.0	0.21 U	23.9	119	65-131	
Chlorobenzene	20.0	0.38 U	21.1	106	80-120	
Chloroethane	20.0	0.32 U	17.5	87	54-150	
Chloroform	20.0	0.63 J	21.1	102	78-125	
Chloromethane	20.0	0.40 U	19.1	96	43-149	
cis-1,2-Dichloroethene	20.0	2.8	21.6	94	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	21.4	107	74-125	
Cyclohexane	20.0	13	28.7	76	64-142	
Dibromochloromethane	20.0	0.28 U	22.4	112	73-121	
Dichlorodifluoromethane	20.0	0.31 U	8.48	42	38-144	
Ethylbenzene	20.0	0.30 U	21.3	107	78-120	
Freon TF	20.0	0.31 U	17.7	88	65-142	
Isopropylbenzene	20.0	11	31.1	102	79-125	
Methylcyclohexane	20.0	6.2	24.8	93	63-138	
Methylene Chloride	20.0	0.32 U	20.0	100	74-127	
MTBE	20.0	0.74 J	20.8	100	72-131	
Styrene	20.0	0.42 U	21.5	107	82-127	
Tetrachloroethene	20.0	0.25 U	21.9	110	70-127	
Toluene	20.0	0.38 U	18.9	95	78-120	
trans-1,2-Dichloroethene	20.0	0.91 J	21.0	100	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84448.D

Lab ID: 460-310268-A-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	0.22 U	21.7	109	71-127	
Trichloroethene	20.0	84	98.0	69	73-121	*
Trichlorofluoromethane	20.0	0.32 U	14.8	74	62-134	
Vinyl chloride	20.0	0.17 U	16.9	84	55-144	
Xylenes, Total	40.0	0.65 U	43.5	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84449.D

Lab ID: 460-310268-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.7	118	8	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	23.7	118	8	30	63-139	
1,1,2-Trichloroethane	20.0	22.6	113	5	30	74-125	
1,1-Dichloroethane	20.0	22.0	110	6	30	73-130	
1,1-Dichloroethene	20.0	20.8	104	12	30	68-133	
1,2,4-Trichlorobenzene	20.0	24.2	121	8	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	24.4	122	5	30	58-132	
1,2-Dibromoethane	20.0	22.2	111	2	30	79-126	
1,2-Dichlorobenzene	20.0	22.4	112	6	30	80-120	
1,2-Dichloroethane	20.0	20.8	104	5	30	66-129	
1,2-Dichloropropane	20.0	21.5	107	3	30	72-128	
1,3-Dichlorobenzene	20.0	21.9	109	3	30	80-120	
1,4-Dichlorobenzene	20.0	22.0	110	4	30	80-120	
2-Butanone	100	103	103	5	30	65-142	
2-Hexanone	100	126	126	5	30	72-134	
4-Methyl-2-pentanone	100	122	122	7	30	77-130	
Acetone	100	98.2	98	11	30	60-133	
Benzene	20.0	24.9	104	7	30	71-126	
Bromodichloromethane	20.0	21.4	107	3	30	76-121	
Bromoform	20.0	24.7	124	4	30	58-128	
Bromomethane	20.0	20.3	101	6	30	33-150	
Carbon disulfide	20.0	19.6	98	12	30	35-150	
Carbon tetrachloride	20.0	26.1	131	9	30	65-131	
Chlorobenzene	20.0	22.4	112	6	30	80-120	
Chloroethane	20.0	19.0	95	8	30	54-150	
Chloroform	20.0	22.6	110	7	30	78-125	
Chloromethane	20.0	21.8	109	13	30	43-149	
cis-1,2-Dichloroethene	20.0	23.7	105	9	30	78-121	
cis-1,3-Dichloropropene	20.0	22.1	111	3	30	74-125	
Cyclohexane	20.0	32.5	95	12	30	64-142	
Dibromochloromethane	20.0	24.1	121	7	30	73-121	
Dichlorodifluoromethane	20.0	9.92	50	16	30	38-144	
Ethylbenzene	20.0	22.9	114	7	30	78-120	
Freon TF	20.0	20.4	102	14	30	65-142	
Isopropylbenzene	20.0	33.1	112	6	30	79-125	
Methylcyclohexane	20.0	28.2	110	13	30	63-138	
Methylene Chloride	20.0	22.0	110	10	30	74-127	
MTBE	20.0	22.3	108	7	30	72-131	
Styrene	20.0	22.7	114	6	30	82-127	
Tetrachloroethene	20.0	22.8	114	4	30	70-127	
Toluene	20.0	19.9	100	5	30	78-120	
trans-1,2-Dichloroethene	20.0	22.8	109	8	30	70-126	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84449.D

Lab ID: 460-310268-A-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	22.7	113	4	30	71-127	
Trichloroethene	20.0	101	86	3	30	73-121	
Trichlorofluoromethane	20.0	16.6	83	11	30	62-134	
Vinyl chloride	20.0	19.4	97	14	30	55-144	
Xylenes, Total	40.0	46.3	116	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Lab File ID: TT84428.D Lab Sample ID: MB 460-993368/21

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 08/30/2024 15:23

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-993368/17	TT84424.D	08/30/2024 14:05
NL-PWD-01_20240827	460-310269-1	TT84436.D	08/30/2024 18:00
	460-310268-A-1 MS	TT84448.D	08/30/2024 21:56
	460-310268-A-1 MSD	TT84449.D	08/30/2024 22:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Lab File ID: TT84408.D BFB Injection Date: 08/30/2024

Instrument ID: CVOAMS17 BFB Injection Time: 07:27

Analysis Batch No.: 993368

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	124.1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	80.6
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	93.7
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-993368/3	TT84410.D	08/30/2024	8:07
	STD05 460-993368/4	TT84411.D	08/30/2024	8:26
	STD1 460-993368/5	TT84412.D	08/30/2024	8:46
	STD5 460-993368/6	TT84413.D	08/30/2024	9:05
	STD20 460-993368/7	TT84414.D	08/30/2024	9:25
	STD50 460-993368/8	TT84415.D	08/30/2024	9:45
	STD200 460-993368/9	TT84416.D	08/30/2024	10:04
	STD500 460-993368/10	TT84417.D	08/30/2024	10:24
	ICV 460-993368/15	TT84422.D	08/30/2024	13:25
	LCS 460-993368/17	TT84424.D	08/30/2024	14:05
	MB 460-993368/21	TT84428.D	08/30/2024	15:23
NL-PWD-01_20240827	460-310269-1	TT84436.D	08/30/2024	18:00
	460-310268-A-1 MS	TT84448.D	08/30/2024	21:56
	460-310268-A-1 MSD	TT84449.D	08/30/2024	22:16

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		46509	2.83	409216	3.83	750665	4.89
UPPER LIMIT		93018	3.33	818432	4.33	1501330	5.39
LOWER LIMIT		23255	2.33	204608	3.33	375333	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		59584	2.83	459314	3.83	844651	4.89
LCS 460-993368/17		61429	2.84	449746	3.84	837875	4.89
MB 460-993368/21		53443	2.83	444289	3.84	843632	4.89
460-310269-1	NL-PWD-01_20240827	52755	2.84	407523	3.84	758487	4.89
460-310268-A-1 MS		58579	2.83	432842	3.84	787406	4.89
460-310268-A-1 MSD		56849	2.83	410388	3.83	756995	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Sample No.: STD20 460-993368/7 Date Analyzed: 08/30/2024 09:25

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84414.D Heated Purge: (Y/N) N

Calibration ID: 98428

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34687	5.56	533106	8.26	297836	10.92
UPPER LIMIT		69374	6.06	1066212	8.76	595672	11.42
LOWER LIMIT		17344	5.06	266553	7.76	148918	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-993368/15		41999	5.56	589203	8.26	325553	10.92
LCS 460-993368/17		40661	5.56	589561	8.27	331042	10.92
MB 460-993368/21		40433	5.56	589412	8.27	321716	10.93
460-310269-1	NL-PWD-01_20240827	37447	5.56	534296	8.27	300449	10.93
460-310268-A-1 MS		37750	5.56	559048	8.27	315775	10.92
460-310268-A-1 MSD		37425	5.56	534723	8.26	303858	10.92

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: NL-PWD-01_20240827 | Lab Sample ID: 460-310269-1

Matrix: Water | Lab File ID: TT84436.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 18:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.2		1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.32	J	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.24	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.83	J	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: NL-PWD-01_20240827 | Lab Sample ID: 460-310269-1

Matrix: Water | Lab File ID: TT84436.D

Analysis Method: 8260D | Date Collected: 08/27/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 18:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.64	J	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	7.5		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D
Lims ID: 460-310269-B-1
Client ID: NL-PWD-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 18:00:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310269-B-1
Misc. Info.: 460-0180260-029
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:27:30 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: PUV6 Date: 30-Aug-2024 18:47:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	52755	1000.0	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	407523	250.0	
44 cis-1,2-Dichloroethene	96	3.881	3.868	0.013	10	1068	0.2448	
53 Cyclohexane	84	4.277	4.271	0.006	81	4109	0.8350	a
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	183835	50.1	
60 Benzene	78	4.612	4.612	0.000	40	4996	0.3201	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	216558	49.9	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	758487	50.0	
68 Trichloroethene	95	5.234	5.228	0.006	98	26809	7.45	
69 Methylcyclohexane	83	5.356	5.356	0.000	86	2095	0.3725	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37447	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	719047	50.2	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	534296	50.0	
104 Isopropylbenzene	105	9.538	9.532	0.006	96	9310	0.6360	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	229366	51.1	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	95	300449	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	93	10000	1.20	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date: 30-Aug-2024 18:00:30 Instrument ID: CVOAMS17

Lims ID: 460-310269-B-1 Lab Sample ID: 460-310269-1

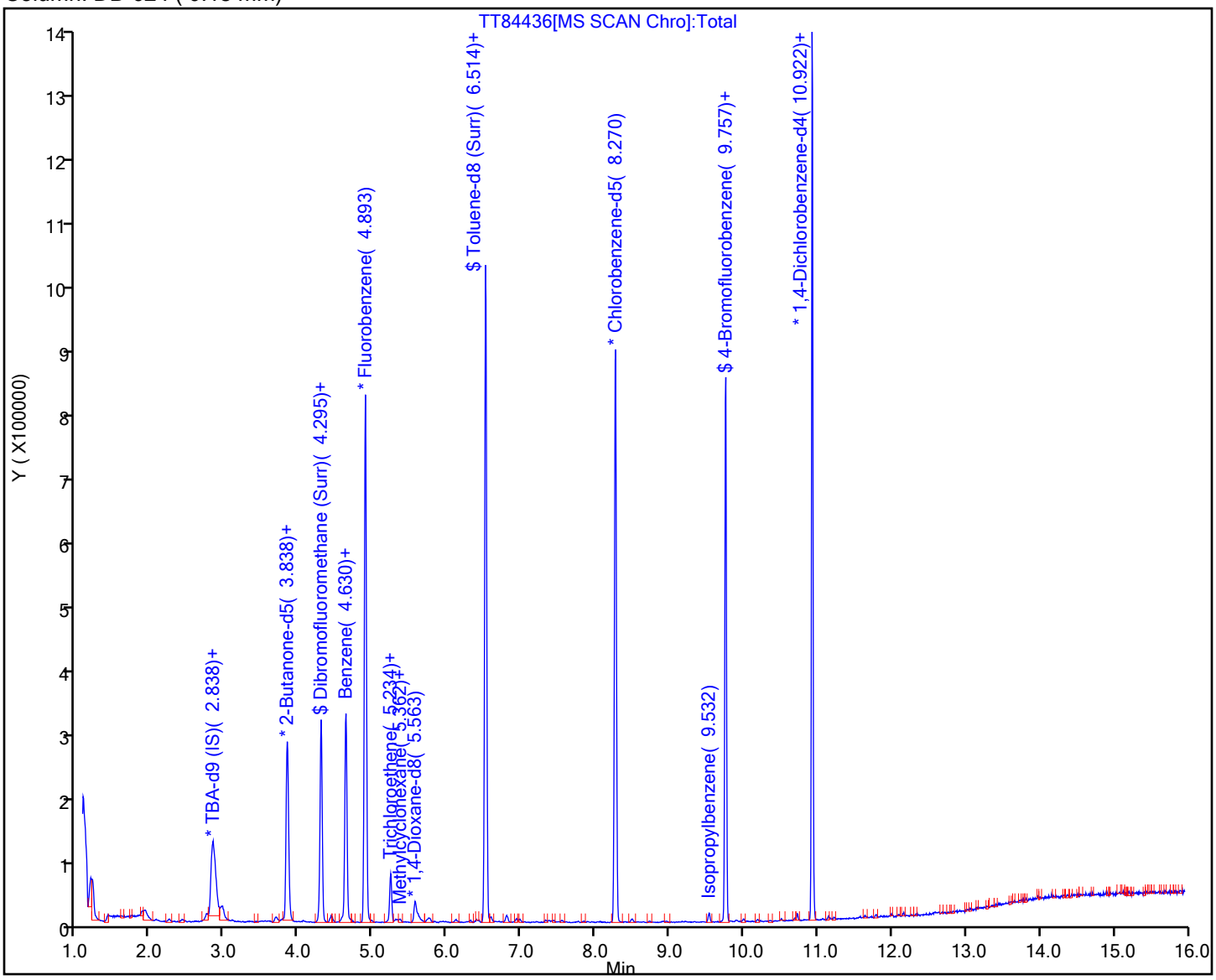
Client ID: NL-PWD-01_20240827

Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D
Lims ID: 460-310269-B-1
Client ID: NL-PWD-01_20240827
Sample Type: Client
Inject. Date: 30-Aug-2024 18:00:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310269-B-1
Misc. Info.: 460-0180260-029
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:27:30 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: PUV6 Date: 30-Aug-2024 18:47:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.1	100.16
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.9	99.80
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.48
$ 105 4-Bromofluorobenzene	50.0	51.1	102.12

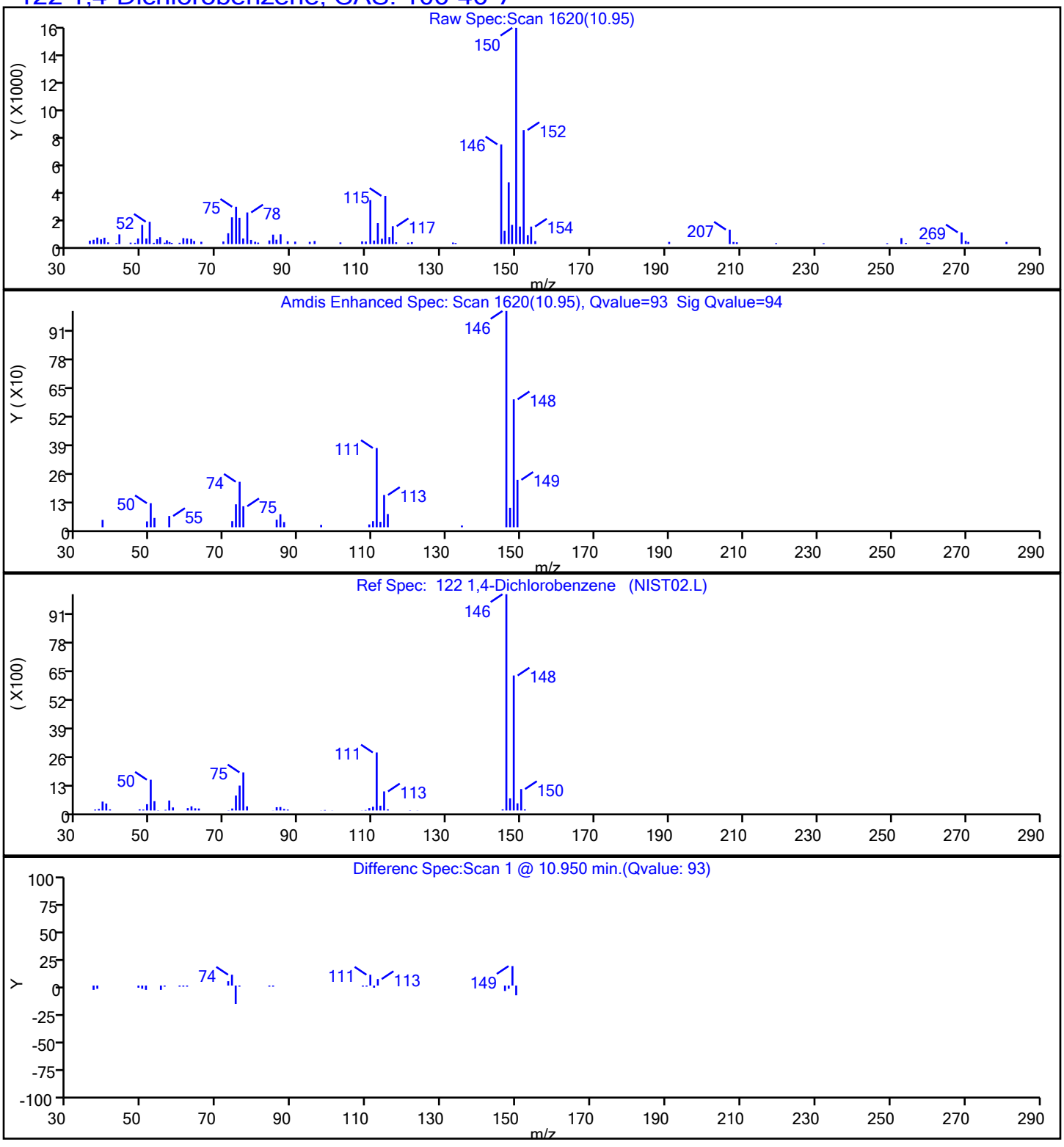
Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1		
Client ID:	NL-PWD-01_20240827				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

122 1,4-Dichlorobenzene, CAS: 106-46-7



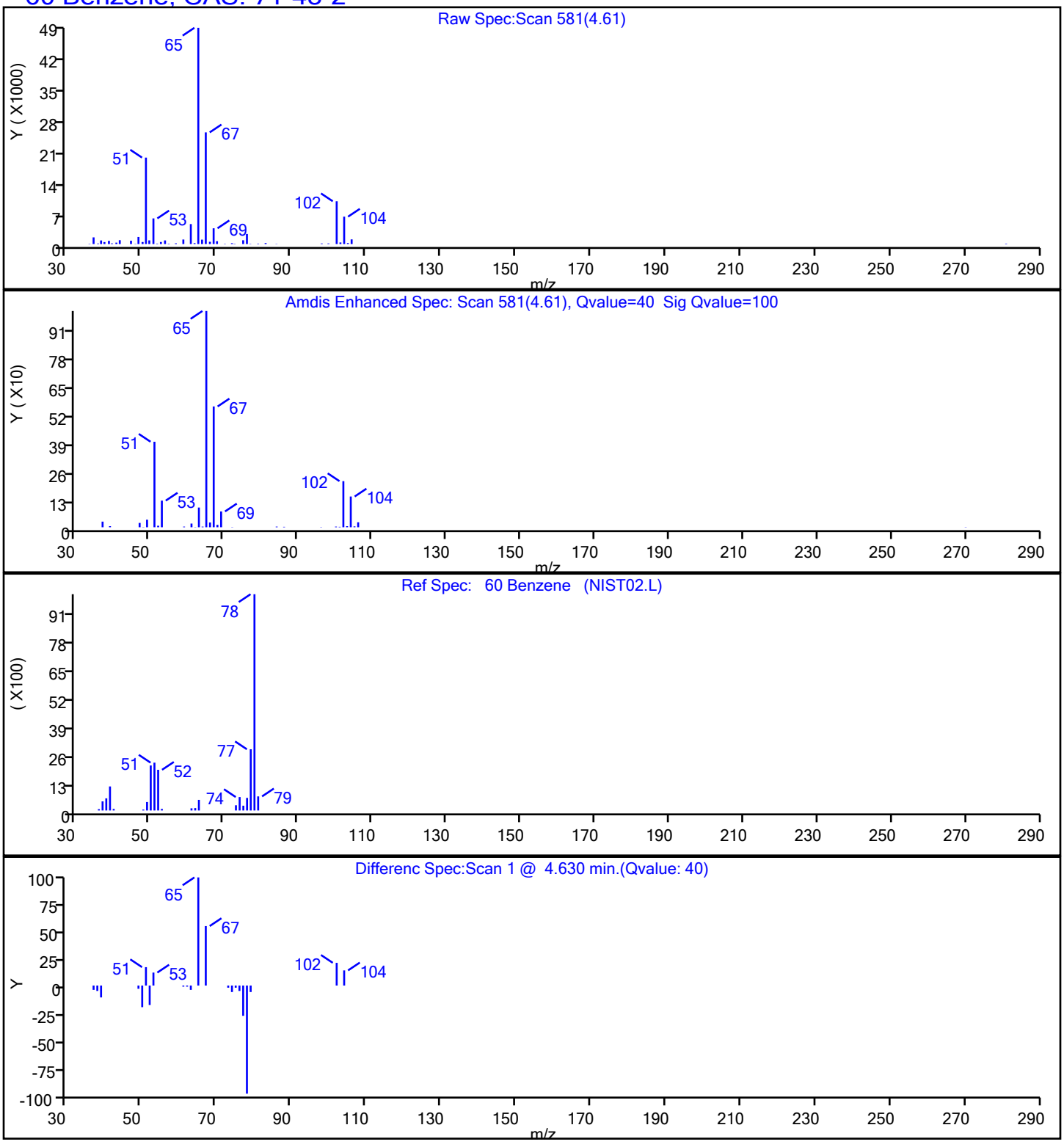
Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1
Client ID:	NL-PWD-01_20240827		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



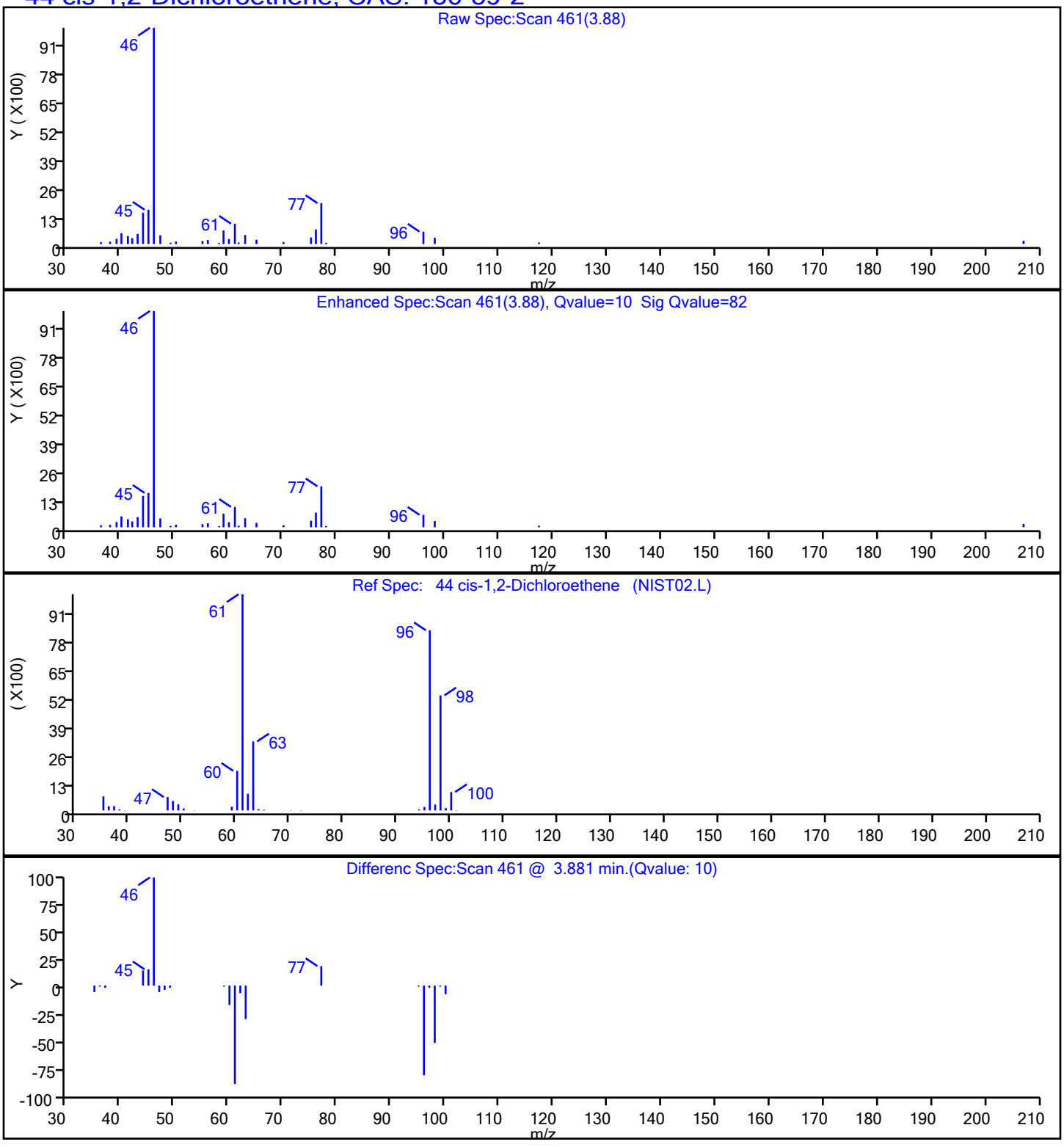
Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1		
Client ID:	NL-PWD-01_20240827				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

44 cis-1,2-Dichloroethene, CAS: 156-59-2



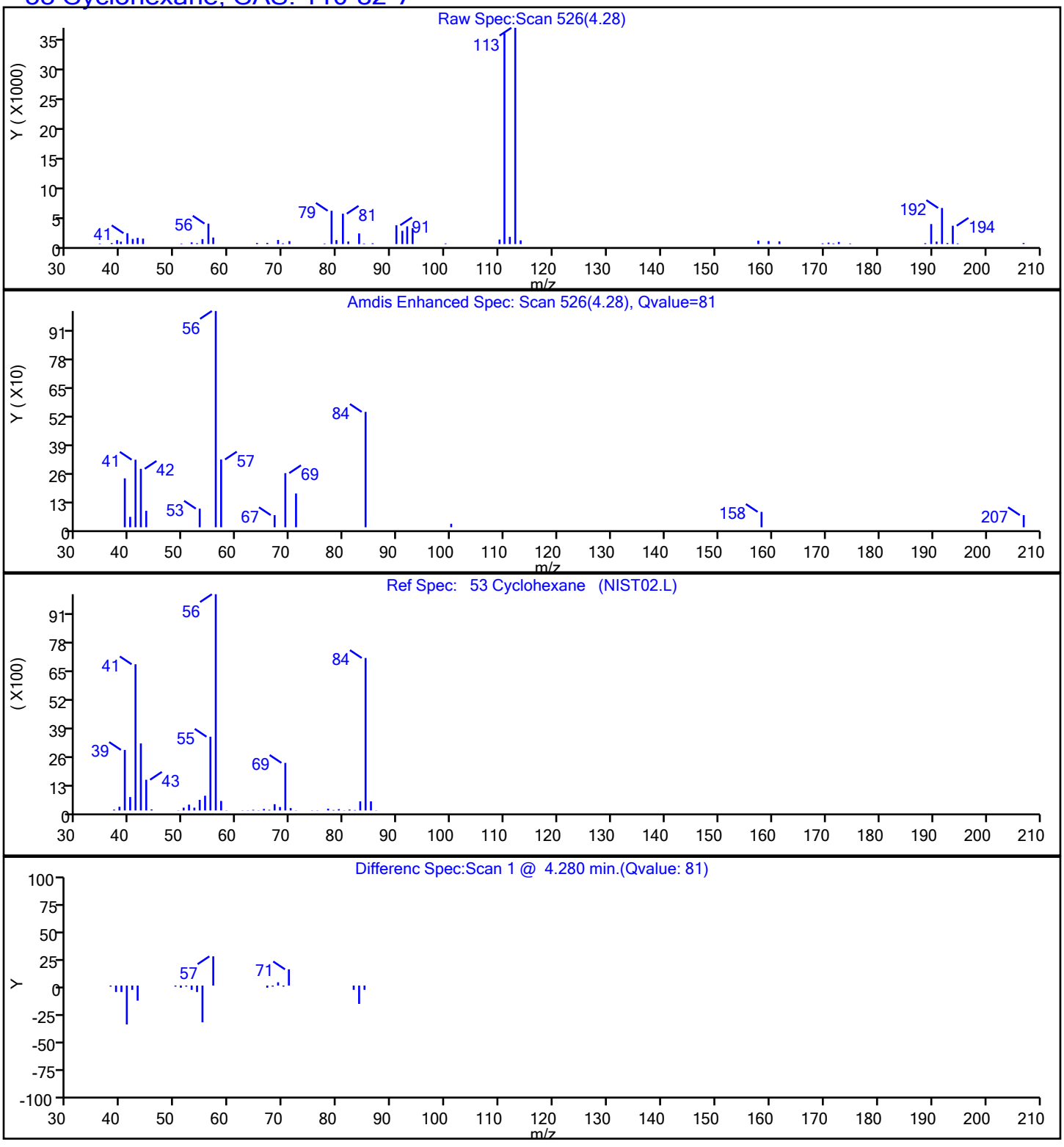
Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1
Client ID:	NL-PWD-01_20240827		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

53 Cyclohexane, CAS: 110-82-7



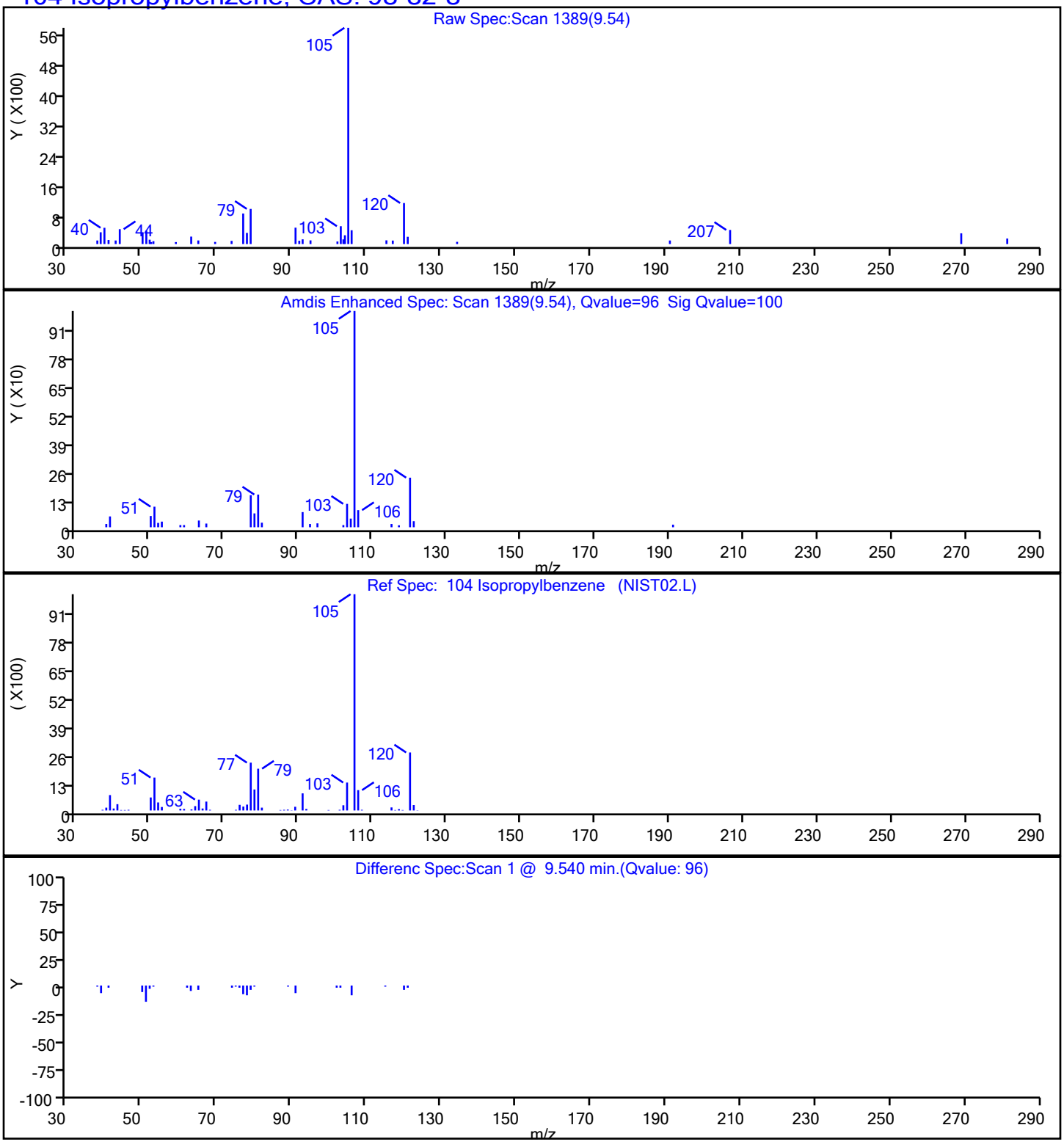
Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1		
Client ID:	NL-PWD-01_20240827				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

104 Isopropylbenzene, CAS: 98-82-8



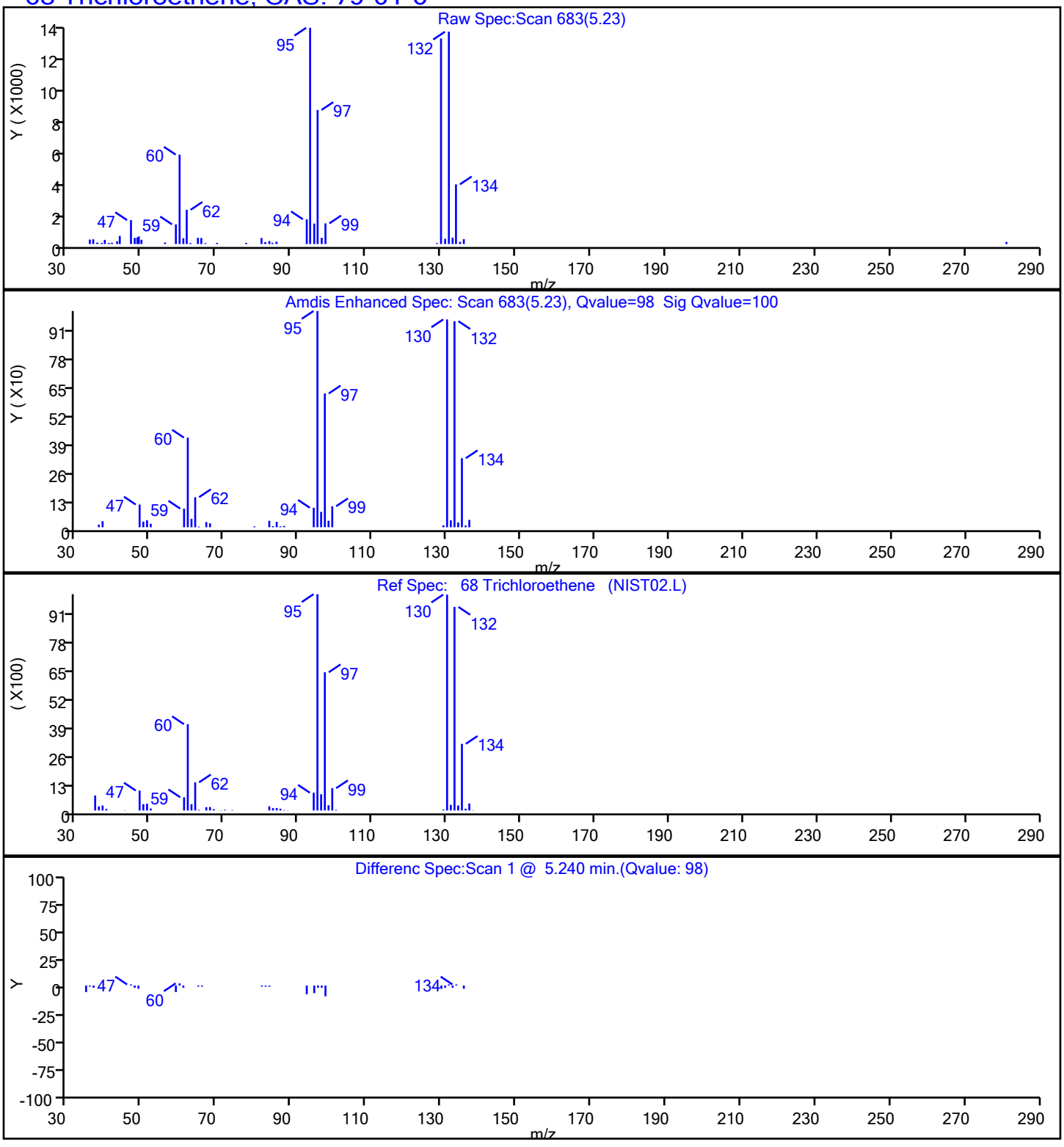
Report Date: 31-Aug-2024 17:27:31 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D

Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1
Client ID:	NL-PWD-01_20240827		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

68 Trichloroethene, CAS: 79-01-6



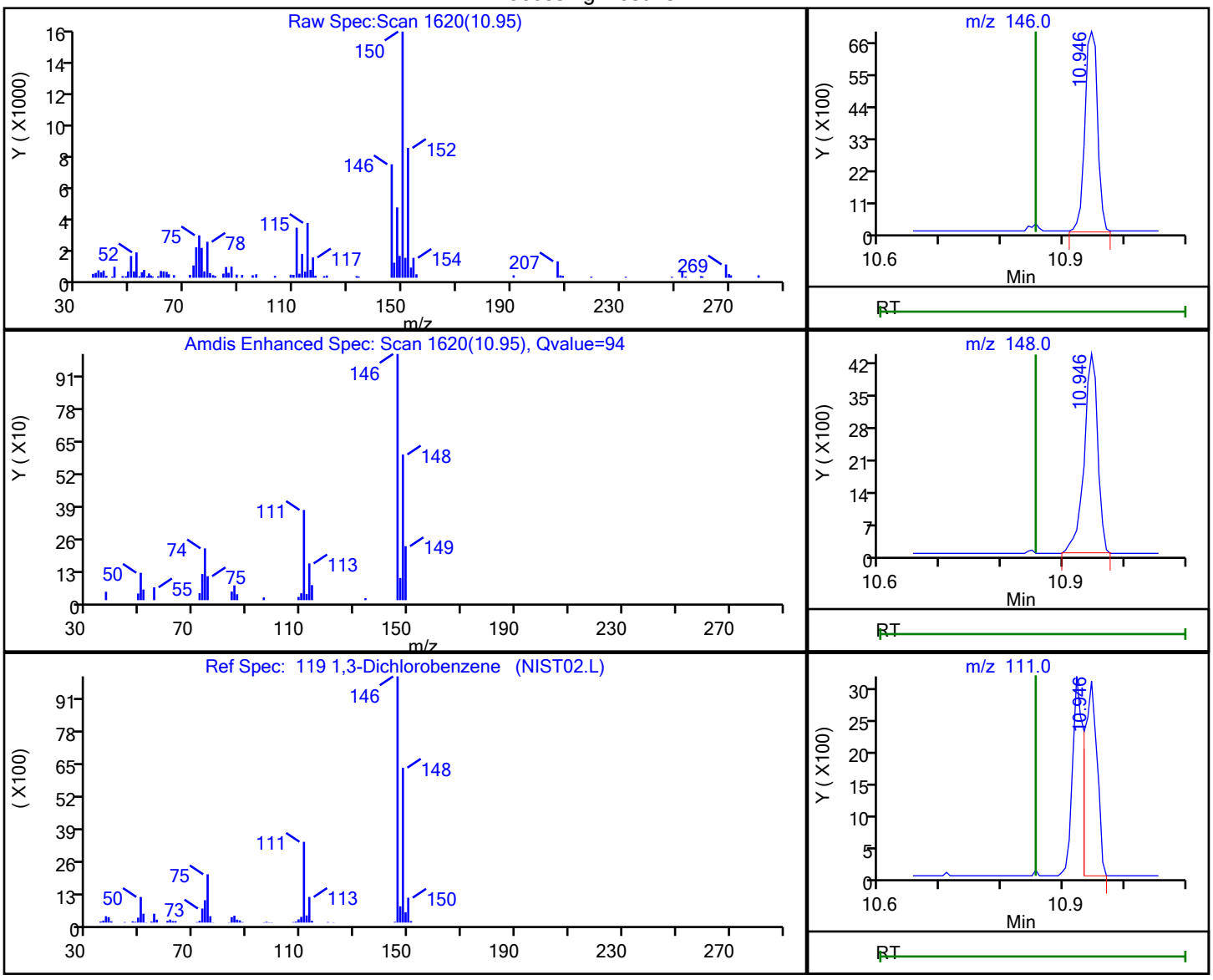
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D				
Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1		
Client ID:	NL-PWD-01_20240827				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.95	146.00	10000	1.196149
10.95	148.00	6688	
10.95	111.00	4287	

Reviewer: NN6A, 31-Aug-2024 17:27:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

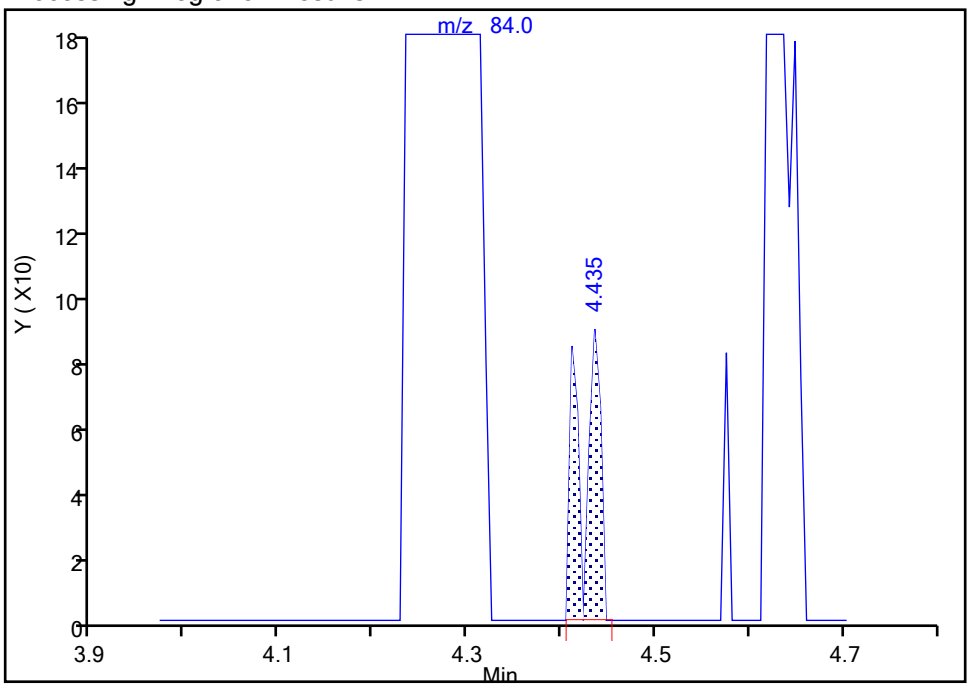
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Injection Date: 30-Aug-2024 18:00:30 Instrument ID: CVOAMS17
Lims ID: 460-310269-B-1 Lab Sample ID: 460-310269-1
Client ID: NL-PWD-01_20240827
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

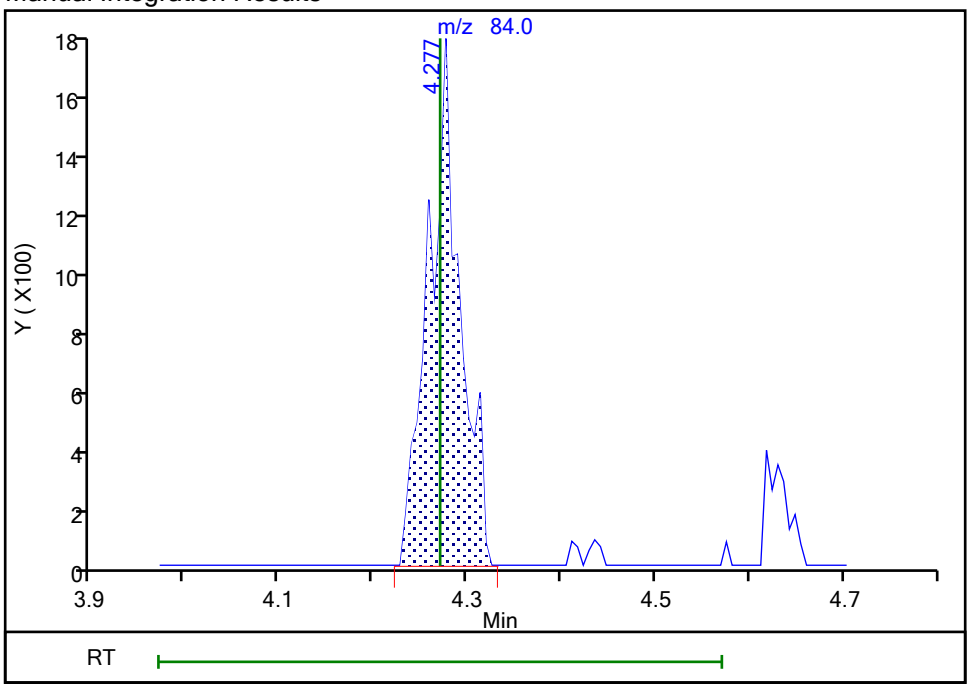
Processing Integration Results

RT: 4.44
Area: 125
Amount: 0.025401
Amount Units: ug/l



Manual Integration Results

RT: 4.28
Area: 4109
Amount: 0.834983
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:27:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

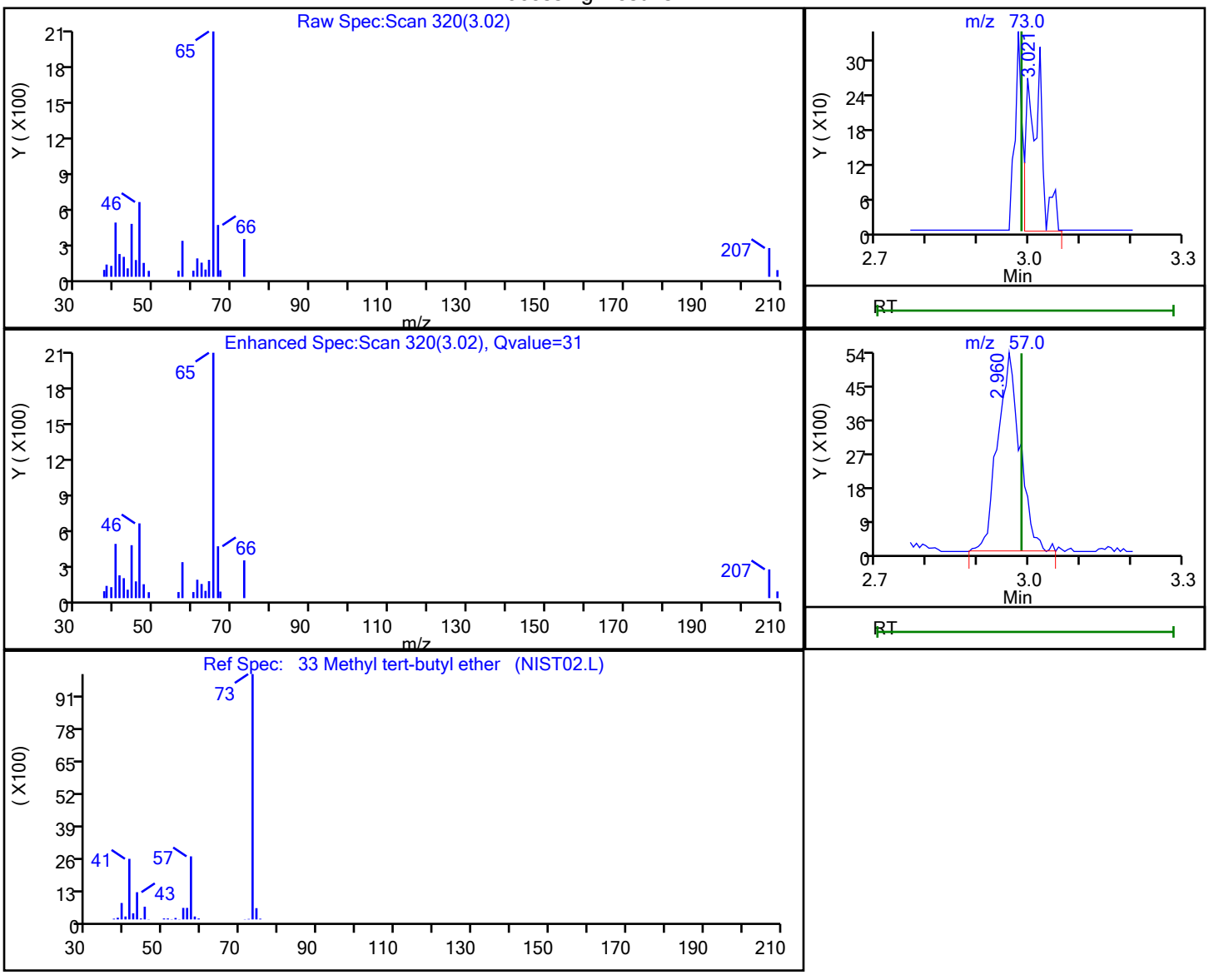
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84436.D				
Injection Date:	30-Aug-2024 18:00:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310269-B-1	Lab Sample ID:	460-310269-1		
Client ID:	NL-PWD-01_20240827				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.02	73.00	551	0.049845
2.96	57.00	16590	

Reviewer: NN6A, 31-Aug-2024 17:26:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0707	0.0057 0.0514	0.0590 0.0643	0.0690	0.0647	QuaF		0.0468	0.0000348						0.9980		0.9900
Dichlorodifluoromethane	+++++ 0.2722	0.2902 0.3303	0.2982 +++++	0.3106	0.3024	Ave		0.3006			0.1000	6.5		20.0			
Chlorodifluoromethane	+++++ 0.0458	0.0408 0.0376	0.0883 0.0423	0.0523	0.0434	QuaF		0.0361	0.0000124						0.9990		0.9900
Chloromethane	+++++ 0.3717	0.3157 0.3645	0.3643 0.3536	0.3763	0.3752	Ave		0.3602			0.1000	5.9		20.0			
Vinyl chloride	+++++ 0.3010	0.2912 0.3075	0.3520 0.3225	0.3274	0.3111	Ave		0.3161			0.1000	6.3		20.0			
Butadiene	0.3030 0.2848	0.3033 0.2987	0.2382 0.3175	0.3252	0.3048	Ave		0.2969				9.0		20.0			
Bromomethane	+++++ 0.2261	0.2157 0.2133	0.2302 0.2025	0.2412	0.2328	Ave		0.2231			0.1000	6.0		20.0			
Chloroethane	+++++ 0.1864	0.2562 0.1795	0.2301 +++++	0.2087	0.1891	Ave		0.2083			0.1000	14.3		20.0			
Dichlorofluoromethane	+++++ 0.5196	0.5336 0.4924	0.6002 0.4822	0.5781	0.5176	Ave		0.5320				8.1		20.0			
Trichlorofluoromethane	+++++ 0.3064	0.3021 0.3201	0.3146 0.3388	0.3323	0.3243	Ave		0.3198			0.1000	4.1		20.0			
Pentane	+++++ 0.0396	0.0264 0.0325	0.0369 +++++	0.0358	0.0206	QuaF		0.0377	-0.000013						0.9960		0.9900
Ethanol	+++++ 0.3430	+++++ 0.3802	+++++ 0.3431	0.5889	0.3771	Lin2	48.567	0.3392							0.9940		0.9900
Ethyl ether	+++++ 0.1603	0.4168 0.1432	0.2834 0.1426	0.1792	0.1523	Lin2	0.1347	0.1480							0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2262	0.2239 0.1978	0.2296 +++++	0.2148	0.1544	Ave		0.2078				13.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2231	0.1460 0.1932	0.1896 0.2262	0.2172	0.2154	Ave		0.2015				14.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3606	0.3269 0.3132	0.4007 0.3542	0.3787	0.3536	Ave		0.3554				8.3		20.0			
Acrolein	+++++ 0.0424	0.0536 0.0414	0.0345 0.0425	0.0410	0.0454	Ave		0.0430				13.3		20.0			
Freon TF	+++++ 0.2134	0.1875 0.2088	0.2178 +++++	0.2056	0.1310	Ave		0.1940			0.1000	16.8		20.0			
1,1-Dichloroethene	+++++ 0.2274	0.2810 0.2063	0.2695 +++++	0.2543	0.1789	Ave		0.2362			0.1000	16.6		20.0			
Acetone	+++++ 0.6820	0.9530 0.7275	0.7296 0.6851	0.6541	0.6005	Ave		0.7188			0.0500	15.6		20.0			
Iodomethane	+++++ 0.4293	0.4291 0.3700	0.4870 0.3115	0.4422	0.3753	Ave		0.4063				14.2		20.0			
Isopropyl alcohol	+++++ 3.9217	4.3116 3.9600	4.3065 3.8556	4.5792	3.5333	Ave		4.0668				8.6		20.0			
Carbon disulfide	+++++ 0.8793	0.8834 0.6436	1.0209 +++++	0.9453	0.6945	Ave		0.8445			0.1000	17.3		20.0			
3-Chloro-1-propene	+++++ 0.1657	0.1690 0.1573	0.1810 0.1355	0.1753	0.1406	Ave		0.1606				10.7		20.0			
Methyl acetate	+++++ 0.2044	0.2407 0.1821	0.2055 0.1739	0.1909	0.1933	Ave		0.1987			0.1000	10.9		20.0			
Cyclopentene	+++++ 0.5350	0.5463 0.4356	0.5530 +++++	0.5268	0.3794	Ave		0.4960				14.4		20.0			
Acetonitrile	+++++ 0.3692	0.2981 0.2605	0.3102 0.2419	0.3688	0.3297	Ave		0.3112				15.8		20.0			
Methylene Chloride	+++++ 0.2861	0.3703 0.2608	0.3062 0.2450	0.3091	0.2711	Ave		0.2927			0.1000	14.1		20.0			
2-Methyl-2-propanol	+++++ 6.9484	5.3062 6.4565	7.8817 6.5883	6.2784	6.0732	Ave		6.5047				12.2		20.0			
MTBE	+++++ 0.7405	0.7473 0.7066	0.7739 0.6375	0.7796	0.7156	Ave		0.7287			0.1000	6.6		20.0			
trans-1,2-Dichloroethene	+++++ 0.2623	0.2713 0.2352	0.3117 0.1857	0.2818	0.2296	Ave		0.2540			0.1000	16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1150 0.1032	0.0920 0.0924	0.1052 0.0761	0.1034	0.0987	Ave		0.0983				11.8		20.0			
Hexane	+++++ 0.3450	0.3321 0.2932	0.3197 0.0842	0.2908	0.1943	Ave		0.2656				35.4	*	20.0			
Isopropyl ether	+++++ 0.8949	0.9417 0.8152	1.0082 0.7041	0.9394	0.8326	Ave		0.8766				11.5		20.0			
1,1-Dichloroethane	+++++ 0.4841	0.5304 0.4446	0.5286 0.3755	0.4973	0.4374	Ave		0.4711			0.2000	11.8		20.0			
Vinyl acetate	+++++ 0.3593	0.3325 0.3776	0.2788 0.4353	0.3061	0.3263	Ave		0.3451				14.9		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2246	0.2076 0.2105	0.2476 0.1820	0.2340	0.1844	Ave		0.2130				11.5		20.0			
Tert-butyl ethyl ether	+++++ 0.8171	0.7552 0.7559	0.8377 0.6722	0.8385	0.7917	Ave		0.7812				7.6		20.0			
2,2-Dichloropropane	+++++ 0.0786	0.0729 0.0792	0.0727 0.0633	0.0719	0.0679	Ave		0.0723				7.7		20.0			
cis-1,2-Dichloroethene	+++++ 0.2896	0.3225 0.2664	0.3220 0.2460	0.3042	0.2623	Ave		0.2875			0.1000	10.5		20.0			
2-Butanone	+++++ 0.2525	0.2726 0.2514	0.3147 0.2465	0.2604	0.2398	Ave		0.2625			0.0500	9.6		20.0			
Ethyl acetate	+++++ 0.2336	0.1587 0.2303	0.2948 0.2274	0.2424	0.2239	Ave		0.2301				17.3		20.0			
Methyl acrylate	+++++ 0.2262	0.2010 0.2170	0.2021 0.2206	0.1949	0.2088	Ave		0.2101				5.5		20.0			
Propionitrile	+++++ 10.916	11.098 10.589	13.611 8.7278	13.859	11.384	Ave		11.455				15.6		20.0			
Tetrahydrofuran	+++++ 0.2972	0.3432 0.2816	0.4047 0.2776	0.3159	0.2859	Ave		0.3152				14.5		20.0			
Chlorobromomethane	+++++ 0.1419	0.1388 0.1315	0.1601 0.1310	0.1494	0.1312	Ave		0.1405				7.8		20.0			
Methacrylonitrile	+++++ 0.1088	0.0938 0.0972	0.1098 0.0743	0.1076	0.1034	Ave		0.0993				12.6		20.0			
Chloroform	+++++ 0.4306	0.4191 0.4014	0.4686 0.3559	0.4616	0.3987	Ave		0.4194			0.2000	9.3		20.0			
Cyclohexane	+++++ 0.3603	0.2881 0.3277	0.3861 +++++	0.3477	0.2365	Ave		0.3244			0.1000	16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3241	0.3361 0.3164	0.3497 0.2256	0.3425	0.2708	Ave		0.3093			0.1000	14.6		20.0			
Carbon tetrachloride	+++++ 0.2274	0.2153 0.2386	0.2150 0.1576	0.2052	0.1709	Ave		0.2043			0.1000	14.5		20.0			
1,1-Dichloropropene	+++++ 0.3395	0.3489 0.3134	0.3793 0.2091	0.3504	0.2835	Ave		0.3177				17.8		20.0			
Isobutyl alcohol	+++++ 2.4186	1.9833 +++++	1.8813 +++++	2.0318	2.5568	Ave		2.1744				13.6		20.0			
Isooctane	+++++ 0.8711	0.7881 0.8816	0.8442 0.5326	0.7666	0.5446	Ave		0.7470				19.9		20.0			
Benzene	+++++ 1.4630	1.6180 1.2447	1.5868 +++++	1.5308	1.3203	Ave		1.4606			0.5000	10.2		20.0			
Isopropyl acetate	+++++ 0.1382	0.1017 0.1376	0.1409 0.1355	0.1332	0.1271	Ave		0.1306				10.3		20.0			
Tert-amyl methyl ether	+++++ 0.8677	0.7412 0.7423	0.8693 0.7538	0.8246	0.7516	Ave		0.7929				7.4		20.0			
1,2-Dichloroethane	+++++ 0.3257	0.3471 0.3039	0.3618 0.2834	0.3525	0.3095	Ave		0.3263			0.1000	8.8		20.0			
n-Heptane	+++++ 0.0578	0.0314 0.0544	0.0619 0.0185	0.0508	0.0342	Ave		0.0441				36.6	*	20.0			
n-Butanol	+++++ 1.4755	1.1053 1.8069	1.3200 1.7299	1.4472	1.3001	Ave		1.4550				16.9		20.0			
Trichloroethene	+++++ 0.2532	0.2504 0.2361	0.2602 0.1896	0.2508	0.2198	Ave		0.2372			0.2000	10.5		20.0			
Methylcyclohexane	+++++ 0.4032	0.3615 0.3925	0.4283 +++++	0.3652	0.2738	Ave		0.3708			0.1000	14.5		20.0			
Ethyl acrylate	+++++ 0.0360	0.0116 0.0354	0.0388 0.0285	0.0302	0.0256	QuaF		0.0393	-0.000022						0.9990		0.9900
1,2-Dichloropropane	+++++ 0.2753	0.2495 0.2649	0.2776 0.2493	0.2790	0.2621	Ave		0.2654			0.1000	4.7		20.0			
Methyl methacrylate	+++++ 0.0635	0.0365 0.0630	0.0527 0.0641	0.0540	0.0565	Ave		0.0558				17.4		20.0			
1,4-Dioxane	+++++ 1.0571	0.8372 1.3392	0.9936 1.2484	1.1008	1.0301	Ave		1.0866				15.3		20.0			
Dibromomethane	+++++ 0.1531	0.1507 0.1471	0.1615 0.1451	0.1634	0.1467	Ave		0.1525				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3444	0.3738 0.3467	0.3754 0.3390	0.3094	0.3154	Ave		0.3434				7.4		20.0			
Bromodichloromethane	+++++ 0.2774	0.2740 0.2870	0.2728 0.2781	0.2821	0.2526	Ave		0.2749			0.2000	4.0		20.0			
2-Nitropropane	+++++ 0.0317	0.0726 0.0362	0.0527 0.0427	0.0348	0.0287	QuaF		0.0316	0.0000110						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1708	0.1647 0.1661	0.1617 0.1635	0.1714	0.1536	Ave		0.1646				3.7		20.0			
Epichlorohydrin	0.2197 0.2168	0.2270 0.2069	0.2221 0.1835	0.2138	0.2070	Ave		0.2121				6.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.5721	0.4961 0.5546	0.5438 0.5090	0.5362	0.5063	Ave		0.5312			0.2000	5.3		20.0			
4-Methyl-2-pentanone	+++++ 0.9355	0.8222 0.9004	0.9270 0.7773	0.9018	0.8640	Ave		0.8755			0.0500	6.6		20.0			
Toluene	+++++ 1.4578	1.9355 1.2618	1.8854 +++++	1.5415	1.3408	Ave		1.5705			0.4000	17.9		20.0			
trans-1,3-Dichloropropene	+++++ 0.4801	0.4216 0.4747	0.4456 0.4493	0.4256	0.4325	Ave		0.4470			0.1000	5.2		20.0			
Ethyl methacrylate	+++++ 0.4530	0.2402 0.4582	0.3105 0.4386	0.3505	0.3792	QuaF		0.4669	-0.000056						1.0000		0.9900
1,1,2-Trichloroethane	+++++ 0.2654	0.2359 0.2536	0.2912 0.2466	0.2583	0.2527	Ave		0.2577			0.1000	6.8		20.0			
Tetrachloroethene	+++++ 0.3469	0.3682 0.3257	0.3701 0.2343	0.3575	0.2999	Ave		0.3289			0.2000	14.8		20.0			
1,3-Dichloropropane	+++++ 0.5338	0.5144 0.4960	0.5855 0.4623	0.5297	0.5069	Ave		0.5184				7.3		20.0			
2-Hexanone	+++++ 1.5425	1.3671 1.3778	1.5337 1.0129	1.4990	1.4411	Ave		1.3963			0.0500	13.1		20.0			
n-Butyl acetate	+++++ 0.5371	0.4320 0.5341	0.4317 0.4865	0.4295	0.4500	Ave		0.4716				10.2		20.0			
Dibromochloromethane	+++++ 0.2674	0.2059 0.2877	0.2088 0.2982	0.2258	0.2230	Ave		0.2453			0.1000	15.7		20.0			
1,2-Dibromoethane	+++++ 0.3043	0.3059 0.2833	0.2848 0.2769	0.2885	0.2794	Ave		0.2890			0.1000	4.0		20.0			
Chlorobenzene	+++++ 0.9503	0.9538 0.8657	1.0605 0.6825	1.0009	0.8739	Ave		0.9125			0.5000	13.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.5234	0.5025 0.4923	0.5552 0.3989	0.5136	0.4650	Ave		0.4930			0.1000	10.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2781	0.2636 0.3021	0.2695 0.2920	0.2281	0.2254	Ave		0.2656				11.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6407	0.5450 0.6012	0.6804 0.4816	0.6131	0.5712	Ave		0.5904			0.1000	11.0		20.0			
o-Xylene	+++++ 0.6493	0.6111 0.6115	0.6403 0.5038	0.6073	0.5956	Ave		0.6027			0.3000	7.9		20.0			
n-Butyl acrylate	+++++ 0.2626	0.1685 +++++	0.1837 +++++	0.1799	0.2052	Ave		0.2000				18.7		20.0			
Styrene	+++++ 1.0555	0.9874 0.9602	0.9537 0.7305	1.0344	0.9570	Ave		0.9541			0.3000	11.1		20.0			
Bromoform	+++++ 0.1601	0.0932 0.1863	0.1034 0.1991	0.1235	0.1294	Qua2	-0.026	0.1390	0.0001380		0.1000				0.9920		0.9900
Amyl acetate (mixed isomers)	+++++ 1.1753	0.6542 1.2200	0.8182 1.0521	0.8091	0.9224	QuaF		1.3043	-0.000503						1.0000		0.9900
Isopropylbenzene	+++++ 1.4650	1.2835 1.2814	1.5069 +++++	1.3971	1.2854	Ave		1.3699			0.1000	7.4		20.0			
Bromobenzene	+++++ 0.7333	0.8123 0.6812	0.6924 0.6236	0.7563	0.6821	Ave		0.7116				8.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7288	0.6383 0.6919	0.6812 0.6667	0.7094	0.6918	Ave		0.6869			0.3000	4.2		20.0			
N-Propylbenzene	+++++ 3.3443	3.3690 2.6467	3.6041 +++++	3.3685	3.0370	Ave		3.2283				10.4		20.0			
1,2,3-Trichloropropane	+++++ 0.2012	0.1854 0.1896	0.1917 0.1945	0.2141	0.1959	Ave		0.1961				4.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1789	0.1260 0.1902	0.1442 0.2007	0.1300	0.1421	Ave		0.1589				19.1		20.0			
2-Chlorotoluene	+++++ 2.3018	2.2838 2.0334	2.4465 +++++	2.3823	2.1503	Ave		2.2663				6.7		20.0			
4-Ethyltoluene	+++++ 2.8164	2.7816 2.3710	2.8587 +++++	2.7845	2.6105	Ave		2.7038				6.8		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3367	2.2389 2.0535	2.4030 +++++	2.2432	2.1488	Ave		2.2373				5.6		20.0			
4-Chlorotoluene	+++++ 2.2954	2.2558 1.9029	2.2186 +++++	2.2482	2.1470	Ave		2.1780				6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.7702	0.3735 0.8486	0.3810 0.7885	0.4487	0.5526	QuaF		0.8655	-0.000153						0.9990		0.9900
tert-Butylbenzene	+++++ 1.9827	1.9157 1.8467	1.9205 +++++	1.8839	1.7233	Ave		1.8788				4.7		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4623	2.3250 2.0792	2.4210 +++++	2.4255	2.2682	Ave		2.3302				6.1		20.0			
sec-Butylbenzene	+++++ 3.0339	2.8924 2.4891	3.1063 +++++	2.9359	2.6432	Ave		2.8501				8.3		20.0			
1,3-Dichlorobenzene	+++++ 1.4251	1.3969 1.2805	1.4473 +++++	1.4681	1.3298	Ave		1.3913			0.6000	5.2		20.0			
4-Isopropyltoluene	+++++ 2.6452	2.2244 2.1959	2.6010 +++++	2.6125	2.3702	Ave		2.4415				8.4		20.0			
1,4-Dichlorobenzene	+++++ 1.4249	1.4138 1.2752	1.4373 +++++	1.4258	1.3449	Ave		1.3870			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6746	2.5962 2.1691	2.6789 +++++	2.5928	2.4796	Ave		2.5319				7.6		20.0			
Benzyl chloride	+++++ 1.1565	0.8156 1.2322	0.8315 1.0234	0.8290	0.9697	Ave		0.9797				17.1		20.0			
Indan	+++++ 2.5724	2.2234 2.0772	2.5745 +++++	2.5496	2.4421	Ave		2.4065				8.7		20.0			
p-Diethylbenzene	+++++ 1.6902	1.4209 1.5079	1.5716 +++++	1.6434	1.5283	Ave		1.5604				6.2		20.0			
n-Butylbenzene	+++++ 1.4290	1.2084 1.3102	1.3884 +++++	1.4118	1.2761	Ave		1.3373				6.5		20.0			
1,2-Dichlorobenzene	+++++ 1.3975	1.2760 1.2540	1.4953 +++++	1.4083	1.3680	Ave		1.3665			0.4000	6.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6054	2.4990 2.0808	2.4962 +++++	2.5308	2.4365	Ave		2.4414				7.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1047	0.0662 0.1164	0.0808 +++++	0.0711	0.0825	QuaF		0.0963	0.0001009		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.1984	1.2324 1.1032	1.1520 +++++	1.1722	1.1346	Ave		1.1655				4.0		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1474	0.9771 1.0360	1.2379 0.7339	1.1087	1.0705	Ave		1.0445			0.2000	15.3		20.0			
Hexachlorobutadiene	+++++ 0.5686	0.5262 0.5812	0.6445 0.3692	0.5690	0.5026	Ave		0.5373				16.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.6676	2.2473 2.0816	2.6304 +++++	2.4948	2.5103	Ave		2.4387				9.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.1141	1.0291 1.0180	1.1479 +++++	1.0810	1.0442	Ave		1.0724				4.8		20.0			
Dibromofluoromethane (Surr)	0.2348 0.2437	0.2388 0.2428	0.2461 0.2429	0.2445	0.2421	Ave		0.2420				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2846 0.2901	0.2804 0.2867	0.2850 0.2976	0.2848	0.2794	Ave		0.2861				2.0		20.0			
Toluene-d8 (Surr)	1.3487 1.3424	1.3514 1.3447	1.3485 1.3309	1.3187	1.3294	Ave		1.3394				0.9		20.0			
Bromofluorobenzene	0.4249 0.4247	0.4165 0.4205	0.4233 0.4105	0.4239	0.4186	Ave		0.4204				1.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 53801	44 162110	869 539370	5195	19442	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 207020	2228 1042245	4394 +++++	23398	90798	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chlorodifluoromethane	FB	QuaF	+++++ 34831	313 118499	1301 354929	3940	13027	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 282674	2424 1150107	5369 2964620	28347	112662	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 228967	2236 970397	5188 2704086	24663	93409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1204 216587	2329 942423	3511 2662135	24498	91514	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 172000	1656 672942	3393 1697817	18168	69906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 141736	1967 566334	3391 +++++	15726	56795	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 395205	4097 1553847	8846 4043243	43554	155424	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 233053	2320 1010002	4636 2840667	25033	97371	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	QuaF	+++++ 60290	406 204922	1088 +++++	5396	12371	+++++ 100	1.00 400	2.00 +++++	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 35649	+++++ 161235	+++++ 458088	4906	14031	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Lin2	+++++ 121906	3200 451936	4176 1195813	13497	45741	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 172034	1719 624277	3384 +++++	16179	46358	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 169711	1121 609493	2794 1897047	16365	64690	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 274264	2510 988297	5905 2970032	28531	106189	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 64502	1645 130687	2032 285379	12364	27263	+++++ 100	2.00 200	4.00 400	20.0	40.0
Freon TF	FB	Ave	+++++ 162278	1440 658910	3210 +++++	15491	39322	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1-Dichloroethene	FB	Ave	+++++ 172977	2158 650894	3972 +++++	19159	53707	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetone	BUT	Ave	+++++ 290517	3769 1294320	5810 3402964	26613	98299	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	+++++ 326506	3295 1167619	7177 2612053	33312	112682	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 101890	880 419842	1737 1286832	9537	32866	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 668760	6783 2030726	15045 +++++	71216	208546	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 126041	1298 496313	2667 1136356	13206	42210	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 310991	3697 1149438	6056 2915935	28766	116061	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 406899	4195 1374648	8150 +++++	39689	113930	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 314535	2358 927126	4940 2402595	30008	107930	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 217627	2843 823038	4512 2054374	23289	81396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 180527	1083 684533	3179 2198901	13076	56492	+++++ 500	5.00 2000	10.0 5000	50.0	200
MTBE	FB	Ave	+++++ 563175	5738 2229557	11405 5345732	58732	214874	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 199528	2083 742155	4594 1557539	21231	68954	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3657 784684	7067 2917096	15505 6379978	77919	296415	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 262399	2550 925192	4712 706245	21905	58343	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 680621	7231 2572298	14858 5903918	70772	249997	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 368161	4073 1402859	7790 3148960	37466	131331	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++	526	888	4982	21364	+++++	1.00	2.00	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			61212	268759	864927			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	+++++ 170832	1594 664236	3649 1525911	17628	55366	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 621479	5799 2385024	12345 5636746	63169	237711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 59779	560 249805	1071 530531	5417	20384	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 220273	2476 840557	4745 2062470	22915	78756	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone	BUT	Ave	+++++ 107537	1078 447232	2506 1224508	10594	39252	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 39794	251 163873	939 451876	3945	14658	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 172034	1543 684693	2978 1849793	14680	62688	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 283613	2265 1122678	5490 2912975	28865	105890	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 50643	543 200427	1289 551568	5140	18717	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 107921	1066 414865	2359 1098245	11256	39394	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 827560	7199 3067017	16180 6230054	81049	310440	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 327502	3218 1266553	6906 2984524	34774	119706	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 274015	2212 1034058	5690 +++++	26195	71026	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 246535	2581 998235	5153 1891529	25804	81308	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 172948	1653 752803	3168 1321700	15456	51314	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 258246	2679 989015	5590 1753410	26399	85126	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 157092	1012 +++++	1897 +++++	10579	59457	+++++ 1250	12.5 +++++	25.0 +++++	125	500
Isooctane	FB	Ave	+++++ 662562	6051 2781946	12442 4465955	57756	163531	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 789641	8574 2848559	16573 +++++	82447	281551	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Isopropyl acetate	FB	Ave	+++++	781	2077	10035	38158	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			105081	434229	1136534			50.0	200	500		
Tert-amyl methyl ether	FB	Ave	+++++ 659971	5691 2342305	12811 6321068	62126	225670	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 247739	2665 958964	5332 2376646	26557	92940	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 43952	241 171680	912 155049	3828	10281	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 95838	564 478916	1331 1443443	7535	30234	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 192609	1923 744870	3835 1589878	18897	65984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 306689	2776 1238604	6312 +++++	27517	82214	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Ethyl acrylate	FB	QuaF	+++++ 27410	89 111757	572 238571	2273	7693	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 209351	1916 836022	4091 2090847	21016	78711	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 96525	560 397823	1554 1074433	8139	33958	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 40830	720 164432	1575 464769	4008	14292	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 116441	1157 464145	2380 1216586	12311	44051	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 261956	2870 1093991	5533 2842478	23308	94713	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 210962	2104 905573	4020 2332147	21255	75848	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 48209	1115 228389	1552 715471	5247	17241	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 130234	1268 525466	2389 1374141	12947	46237	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1841 369479	3591 1472568	7074 3645202	34795	135521	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 308760	2629 1269175	5680 3111522	28882	107960	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 398487	3252 1602068	7382 3860713	36688	141420	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 786819	10256 2887517	19692 +++++	83026	285919	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 259110	2234 1086262	4654 2746373	22923	92220	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	QuaF	+++++ 244497	1273 1048621	3243 2681146	18880	80867	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 143222	1250 580434	3041 1507602	13911	53882	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 187252	1951 745266	3865 1432037	19255	63942	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 288130	2726 1135169	6115 2826061	28531	108095	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 657031	5407 2451468	12214 5030824	60986	235893	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 289879	2289 1222252	4509 2973678	23134	95962	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 144311	1091 658507	2181 1822645	12161	47553	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 164226	1621 648323	2975 1692728	15537	59584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 512880	5054 1981185	11076 4171973	53911	186358	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 282468	2663 1126615	5799 2438718	27662	99148	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 150105	1397 691463	2815 1784857	12287	48055	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 345782	2888 1375720	7106 2944065	33020	121807	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 350433	3238 1399457	6687 3079741	32707	126998	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++	893	1919	9687	43763	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			141751	+++++	+++++			50.0	+++++	+++++		
Styrene	CBNZd5	Ave	+++++ 569661	5232 2197483	9961 4465588	55715	204083	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Qua2	+++++ 86385	494 426243	1080 1217270	6654	27602	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	QuaF	+++++ 362356	1937 1575582	4819 3478634	24414	109884	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 790679	6801 2932394	15739 +++++	75249	274104	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 226091	2405 879797	4078 2061871	22820	81261	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 224690	1890 893591	4012 2204604	21405	82414	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1031101	9975 3418095	21227 +++++	101645	361817	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 62032	549 244842	1129 642973	6461	23342	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 55143	373 245682	849 663589	3923	16928	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 709689	6762 2626026	14409 +++++	71886	256171	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 868359	8236 3061974	16837 +++++	84022	310997	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 720436	6629 2651978	14153 +++++	67688	256000	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 707720	6679 2457518	13067 +++++	67840	255786	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 237463	1106 1095950	2244 2607074	13540	65832	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 611290	5672 2384983	11311 +++++	56847	205306	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 759181	6884 2685218	14259 +++++	73188	270226	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 935405	8564 3214567	18295 +++++	88591	314892	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 439369	4136 1653754	8524 +++++	44299	158427	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 815553	6586 2835901	15319 +++++	78832	282371	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-310269-1 Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 Calibration End Date: 08/30/2024 10:24 Calibration ID: 98428

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 439317	4186 1646817	8465 +++++	43024	160218	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 824614	7687 2801254	15778 +++++	78236	295403	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 356575	2415 1591290	4897 3383816	25014	115528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 793118	6583 2682634	15163 +++++	76935	290937	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 521107	4207 1947360	9256 +++++	49589	182074	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 440576	3578 1692074	8177 +++++	42601	152024	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 430887	3778 1619427	8807 +++++	42495	162977	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 803294	7399 2687202	14702 +++++	76366	290271	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	QuaF	+++++ 32290	196 150385	476 +++++	2144	9829	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 369501	3649 1424767	6785 +++++	35371	135169	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 353761	2893 1337970	7291 2426732	33454	127533	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 175312	1558 750616	3796 1220751	17169	59875	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 822459	6654 2688308	15492 +++++	75281	299067	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 343502	3047 1314680	6761 +++++	32618	124400	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	186606 185359	183336 191530	181380 203698	184231	181765	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	226150 220651	215314 226145	209991 249535	214599	209757	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	762784 724540	716109 769312	704212 813589	710246	708732	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	240320 229236	220729 240593	221049 250955	228299	223148	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-310269-1 | Analy Batch No.: 993368

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2024 08:07 | Calibration End Date: 08/30/2024 10:24 | Calibration ID: 98428

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-993368/3	TT84410.D
Level 2	STD05 460-993368/4	TT84411.D
Level 3	STD1 460-993368/5	TT84412.D
Level 4	STD5 460-993368/6	TT84413.D
Level 5	STD20 460-993368/7	TT84414.D
Level 6	STD50 460-993368/8	TT84415.D
Level 7	STD200 460-993368/9	TT84416.D
Level 8	STD500 460-993368/10	TT84417.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	+++++	+++++	2.0						30		
Ethyl ether	+++++	-0.5						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Aug-2024 08:07:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0180260-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:10:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:33:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.588	1.570	0.018	28	1204	0.2500	0.2551	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	34478	1000.0	1000.0	
35 Acrylonitrile	53	3.082	3.070	0.012	99	3657	2.00	2.34	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	419005	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	186606	50.0	48.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226150	50.0	49.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	794663	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	29940	1000.0	1000.0	
80 Epichlorohydrin	57	6.221	6.222	-0.001	96	1841	5.00	5.18	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	762784	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	565550	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	96	240320	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	312475	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

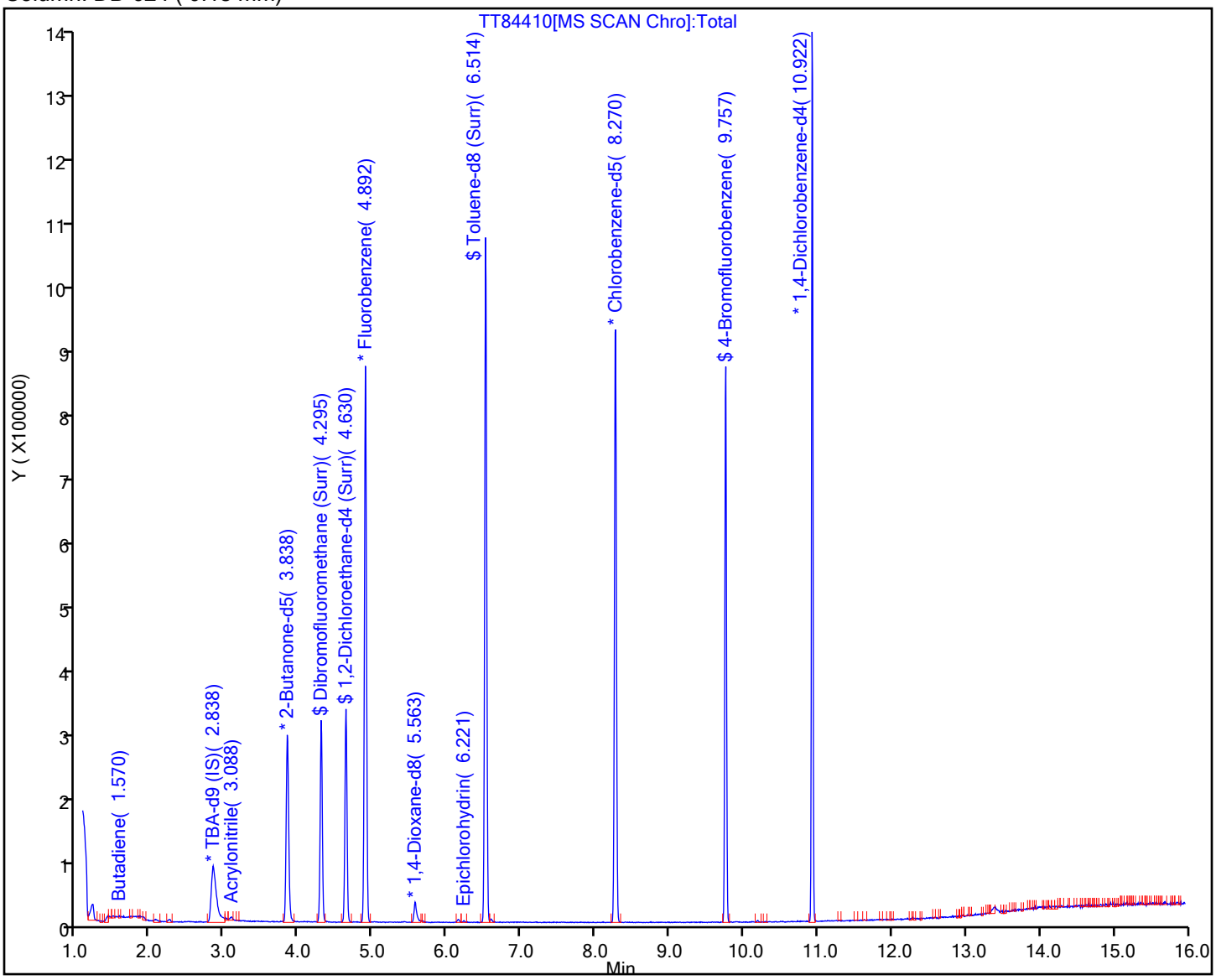
Reagents:

524FREONS_00023	Amount Added:	0.00	Units: uL	
ACROLEIN W_00173	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	0.00	Units: uL	
14DIOXINTER_00172	Amount Added:	0.00	Units: uL	
GASES Li_00600	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
Ethanol mix_00092	Amount Added:	0.00	Units: uL	
MIX I Hi_00179	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	0.00	Units: uL	
GAS Hi_00477	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00128	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:10:52 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison

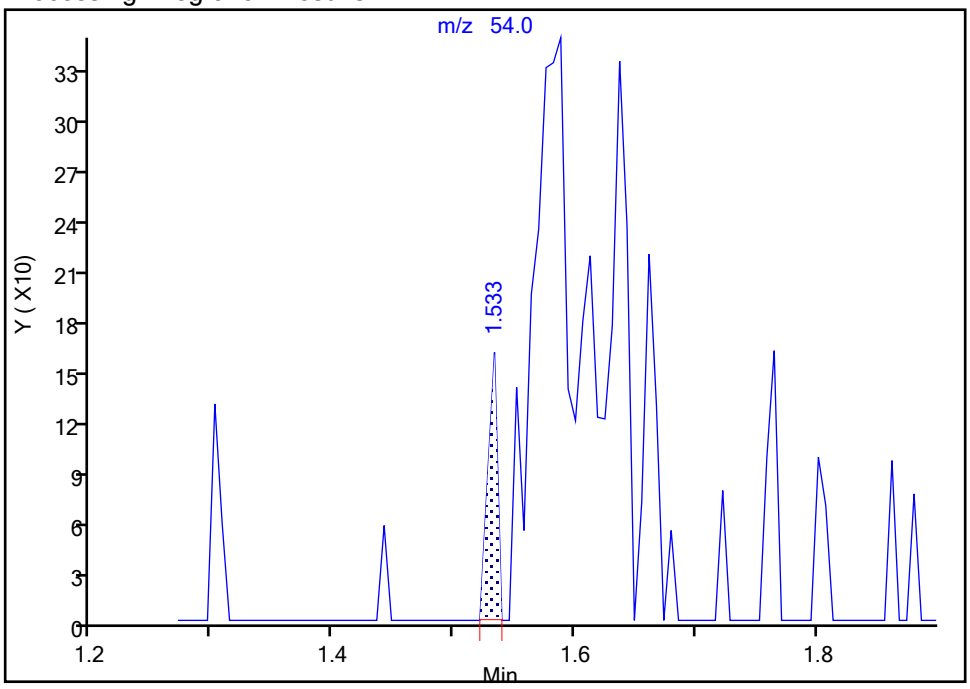
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

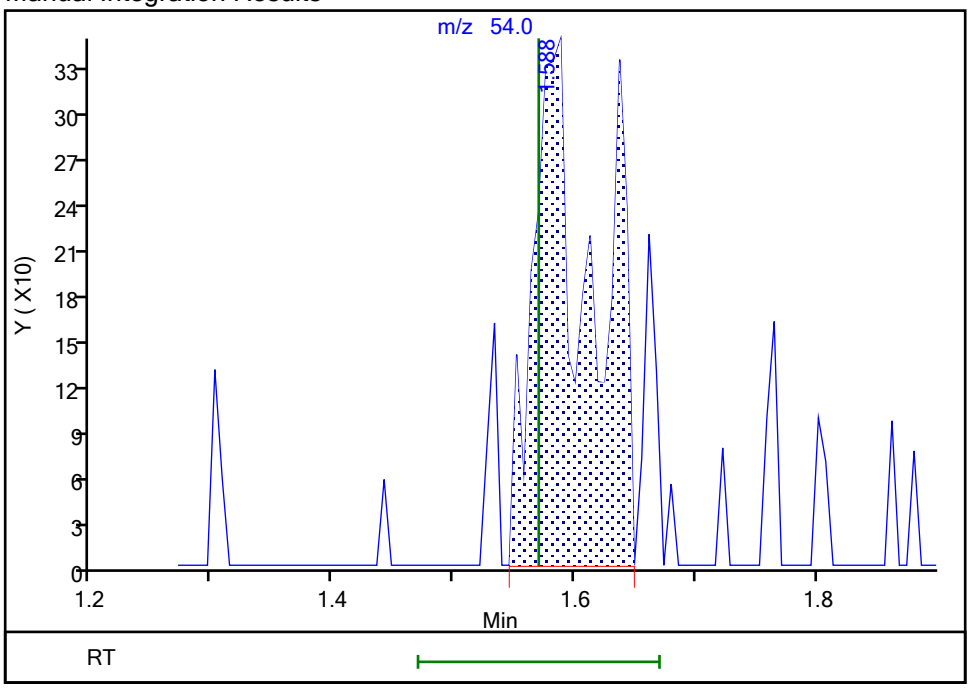
Processing Integration Results

RT: 1.53
Area: 89
Amount: 0.474863
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 1204
Amount: 0.255128
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

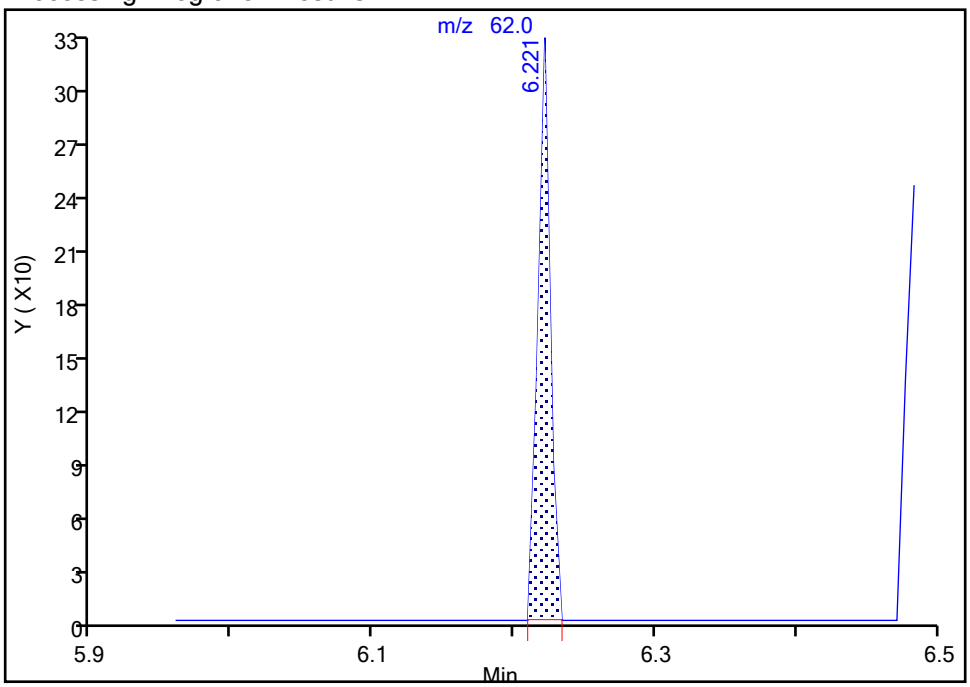
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

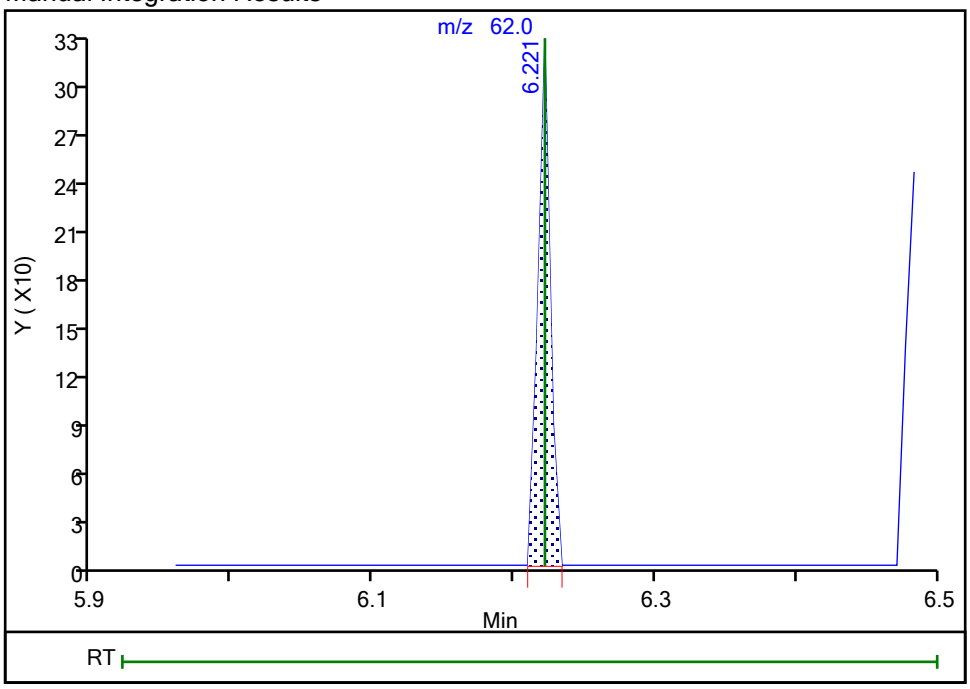
Processing Integration Results

RT: 6.22
Area: 198
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 198
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

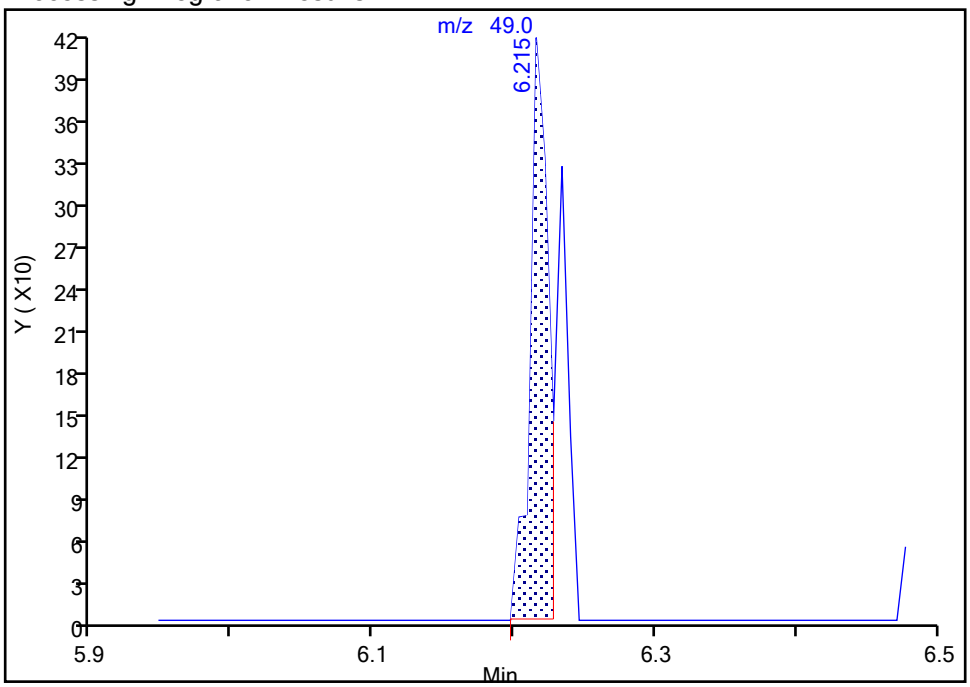
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

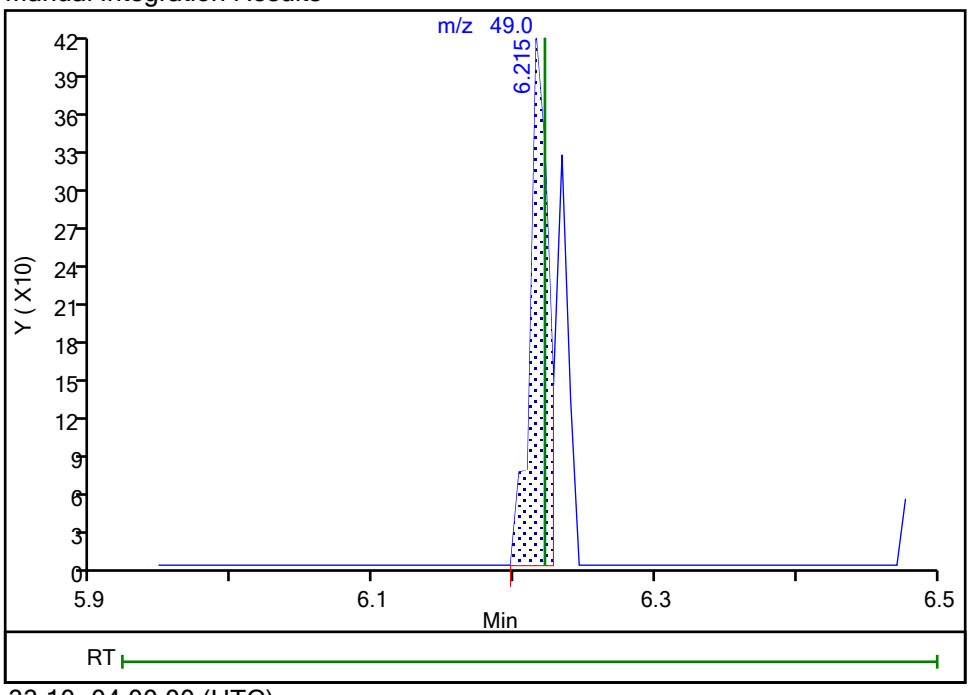
Processing Integration Results

RT: 6.22
Area: 376
Amount: 4.927587
Amount Units: ug/l



Manual Integration Results

RT: 6.22
Area: 376
Amount: 5.178933
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:33:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

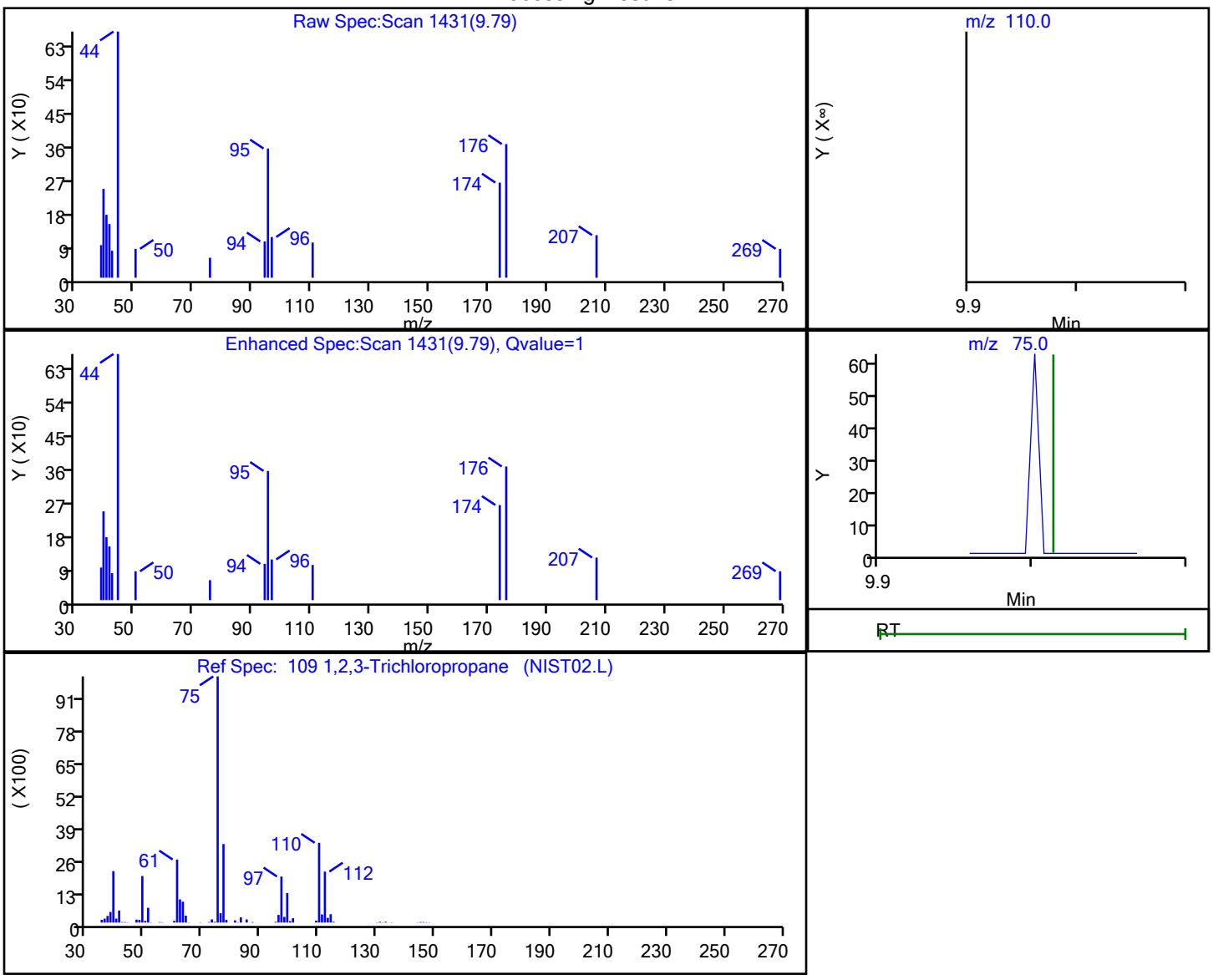
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.79	110.00	63	0.053463
9.80	75.00	40	

Reviewer: FK2C, 30-Aug-2024 09:33:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

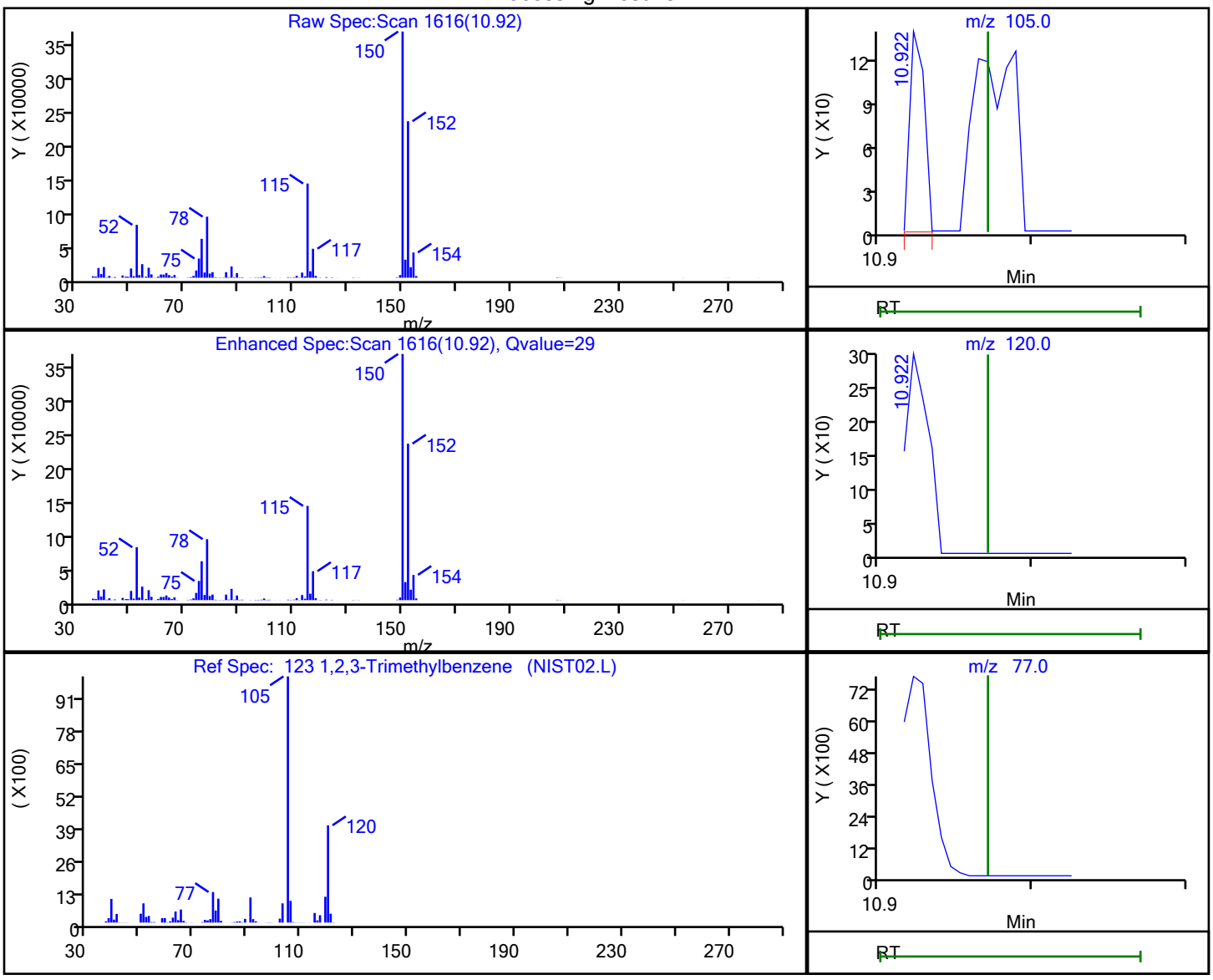
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.005278
10.92	120.00	336	
10.92	77.00	10715	

Reviewer: FK2C, 30-Aug-2024 09:33:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

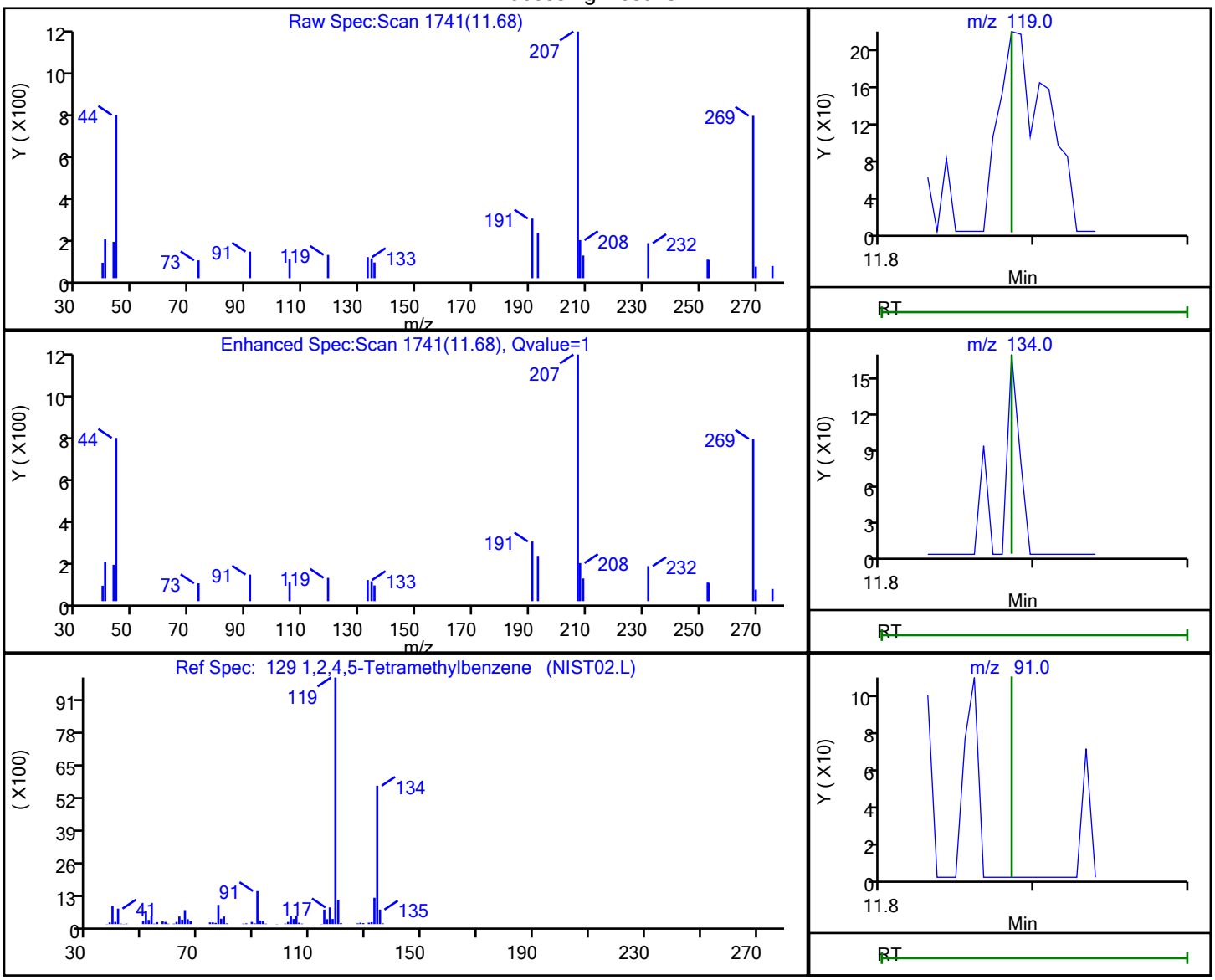
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.68	119.00	59	0.003780
11.68	134.00	118	
11.68	91.00	96	

Reviewer: FK2C, 30-Aug-2024 09:33:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

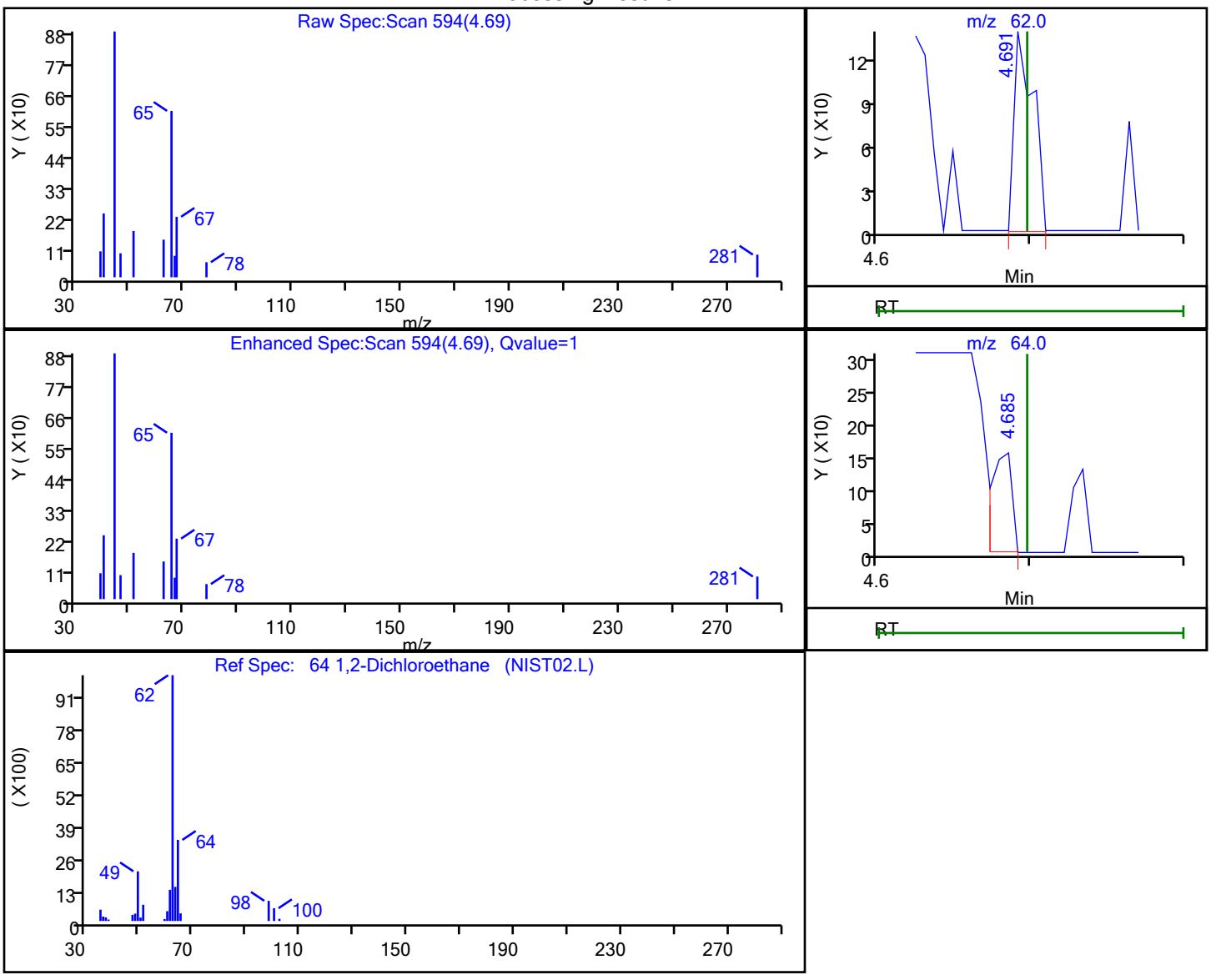
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.69	62.00	117	0.020770
4.69	64.00	143	

Reviewer: FK2C, 30-Aug-2024 09:33:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

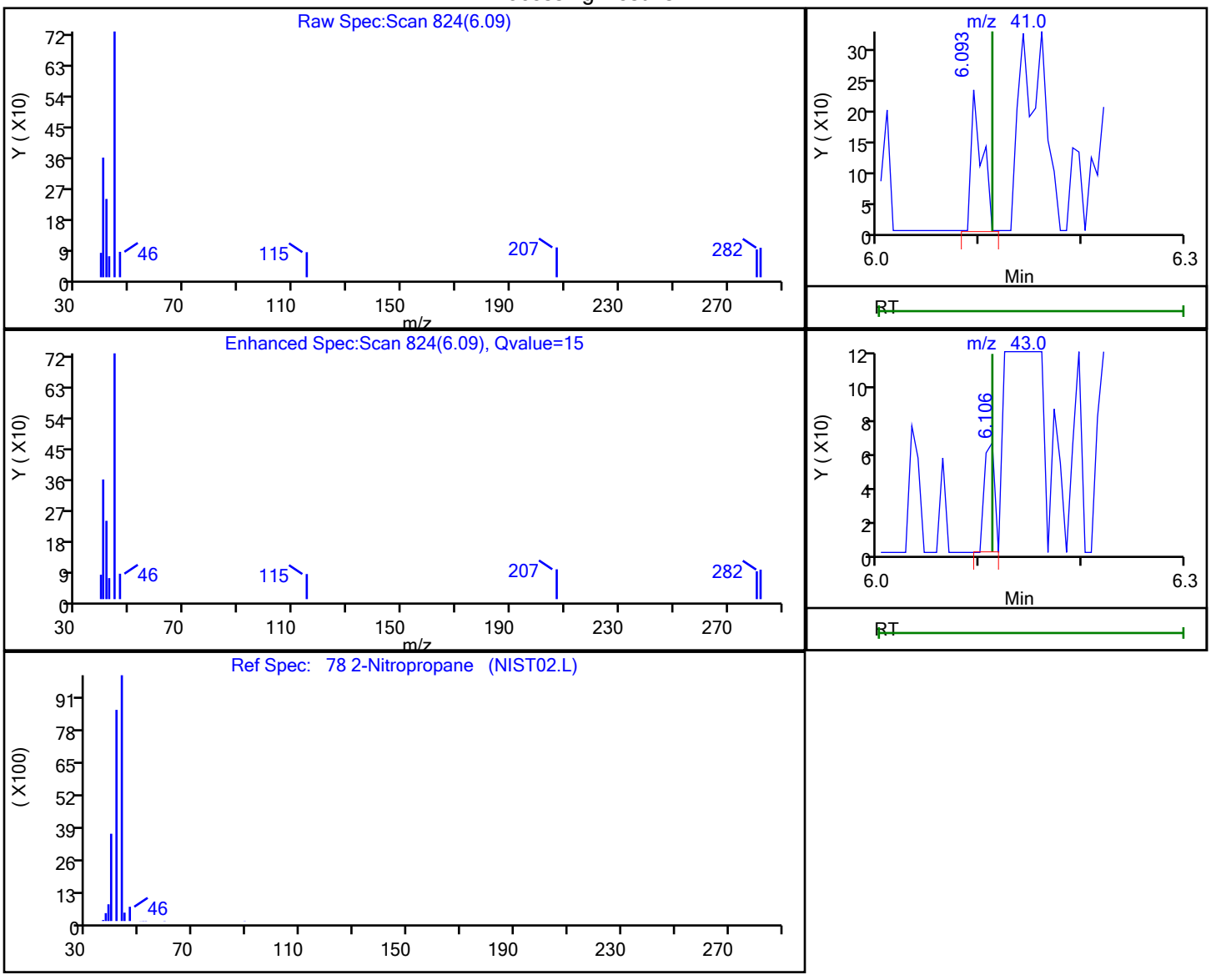
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.09	41.00	174	0.108619
6.11	43.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

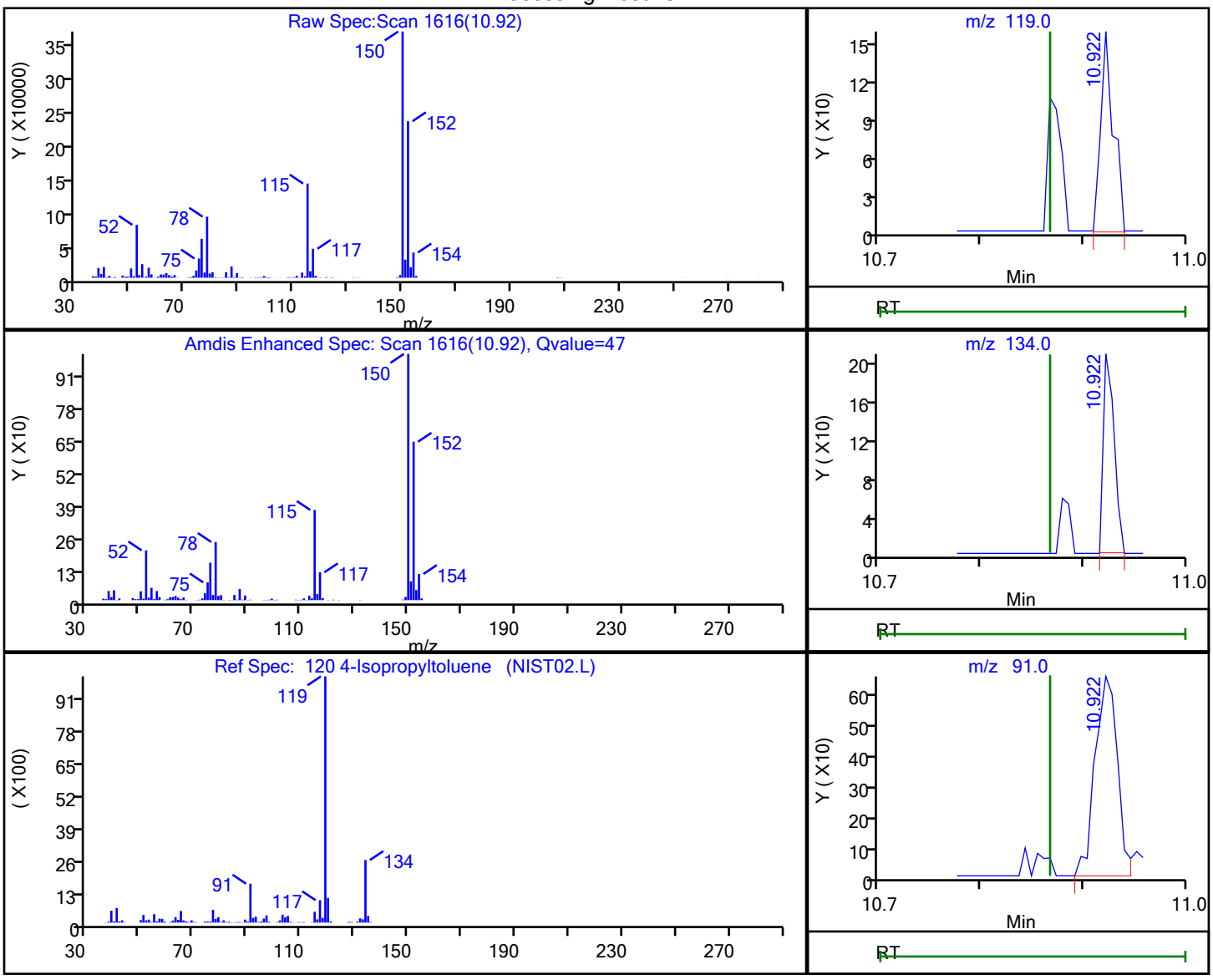
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.92	119.00	136	0.009020
10.92	134.00	153	
10.92	91.00	1006	

Reviewer: FK2C, 30-Aug-2024 09:33:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

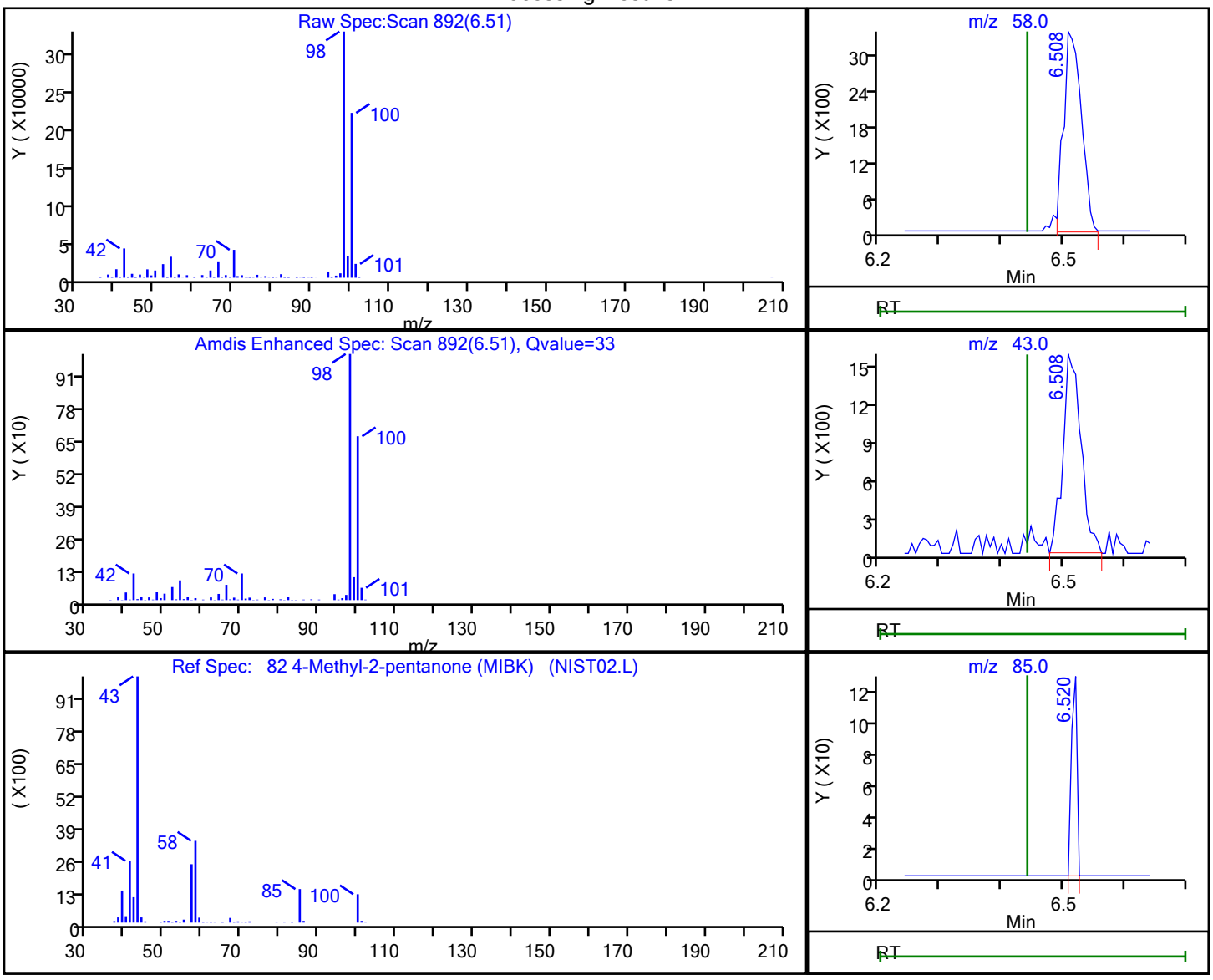
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.51	58.00	6708	4.576179
6.51	43.00	3277	
6.52	85.00	80	
6.51	100.00	505209	

Reviewer: FK2C, 30-Aug-2024 09:33:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

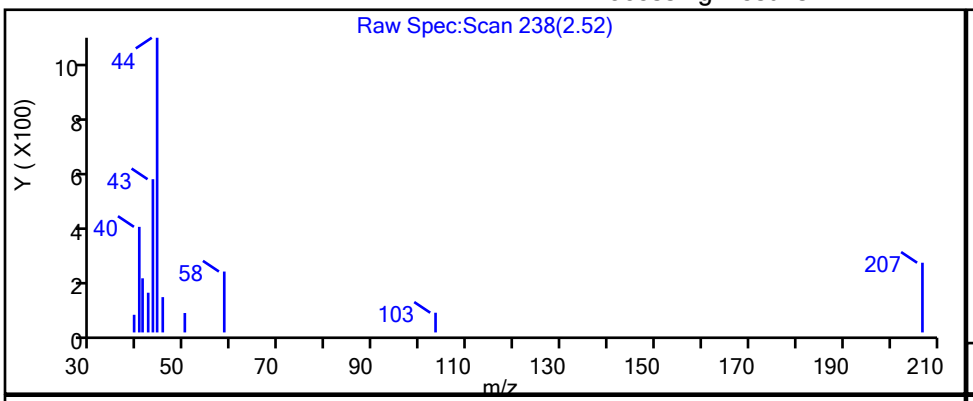
User Disabled Compound Report

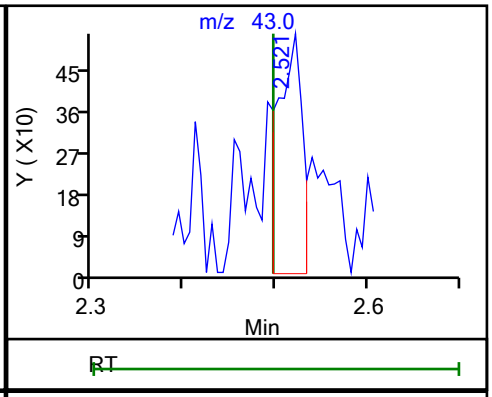
Eurofins Edison

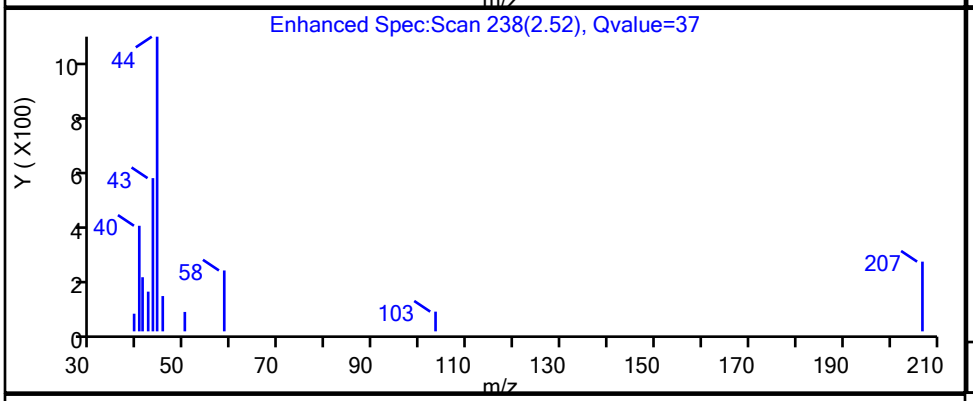
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

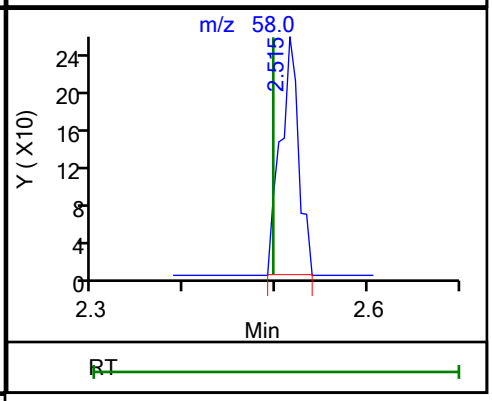
22 Acetone, CAS: 67-64-1

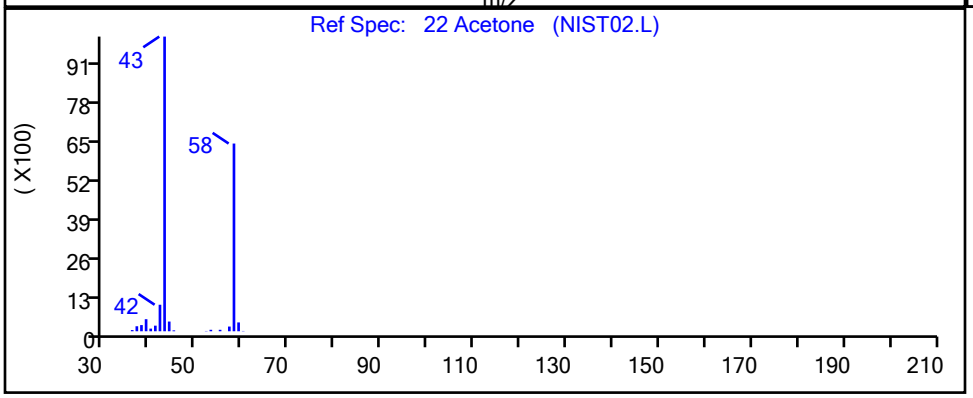
Processing Results











RT	Mass	Response	Amount
2.52	43.00	970	0.687956
2.51	58.00	352	

Reviewer: FK2C, 30-Aug-2024 09:32:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

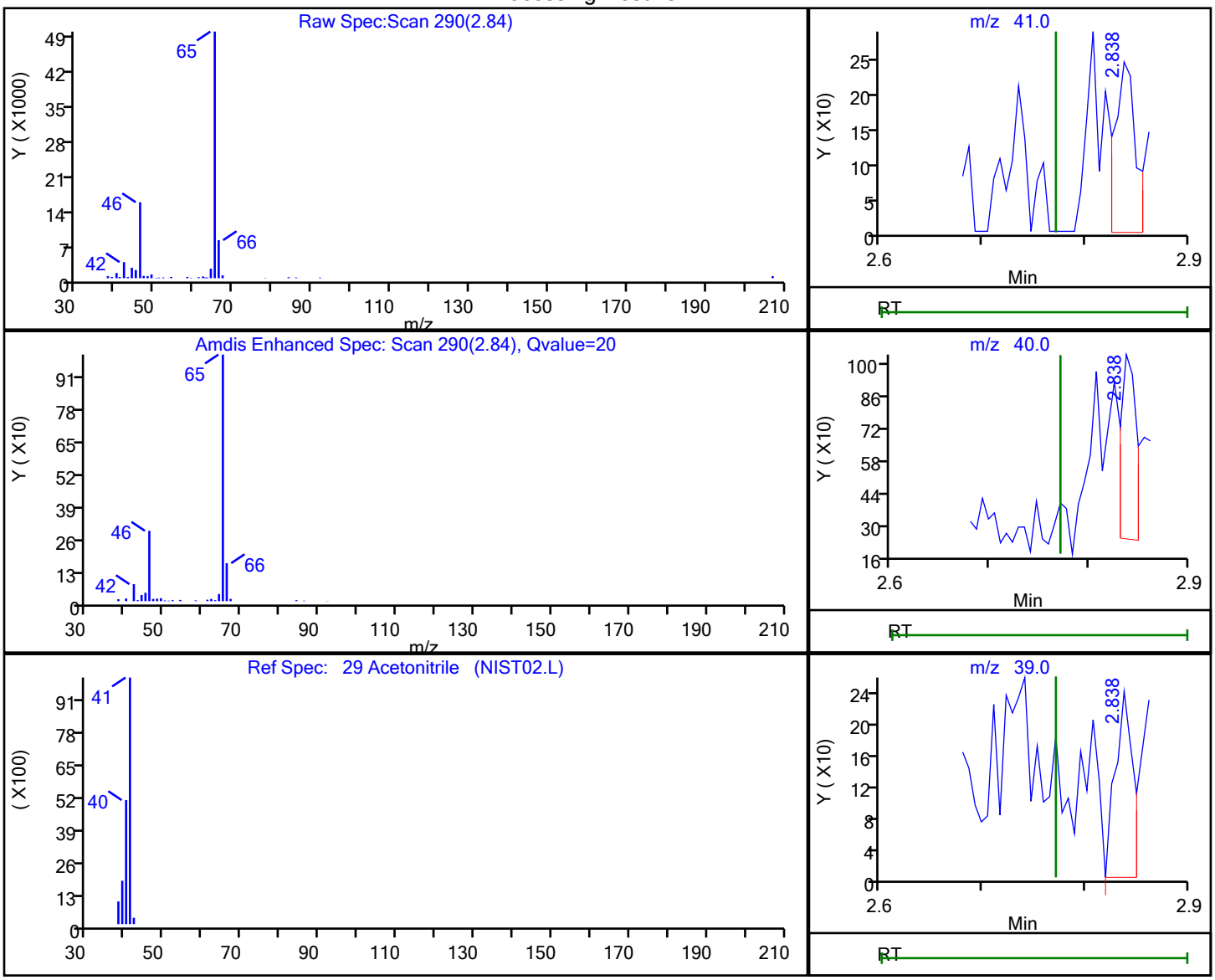
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	41.00	341	0.371748
2.84	40.00	887	
2.84	39.00	291	
2.85	38.00	1250	

Reviewer: FK2C, 30-Aug-2024 09:32:51 -04:00:00 (UTC)
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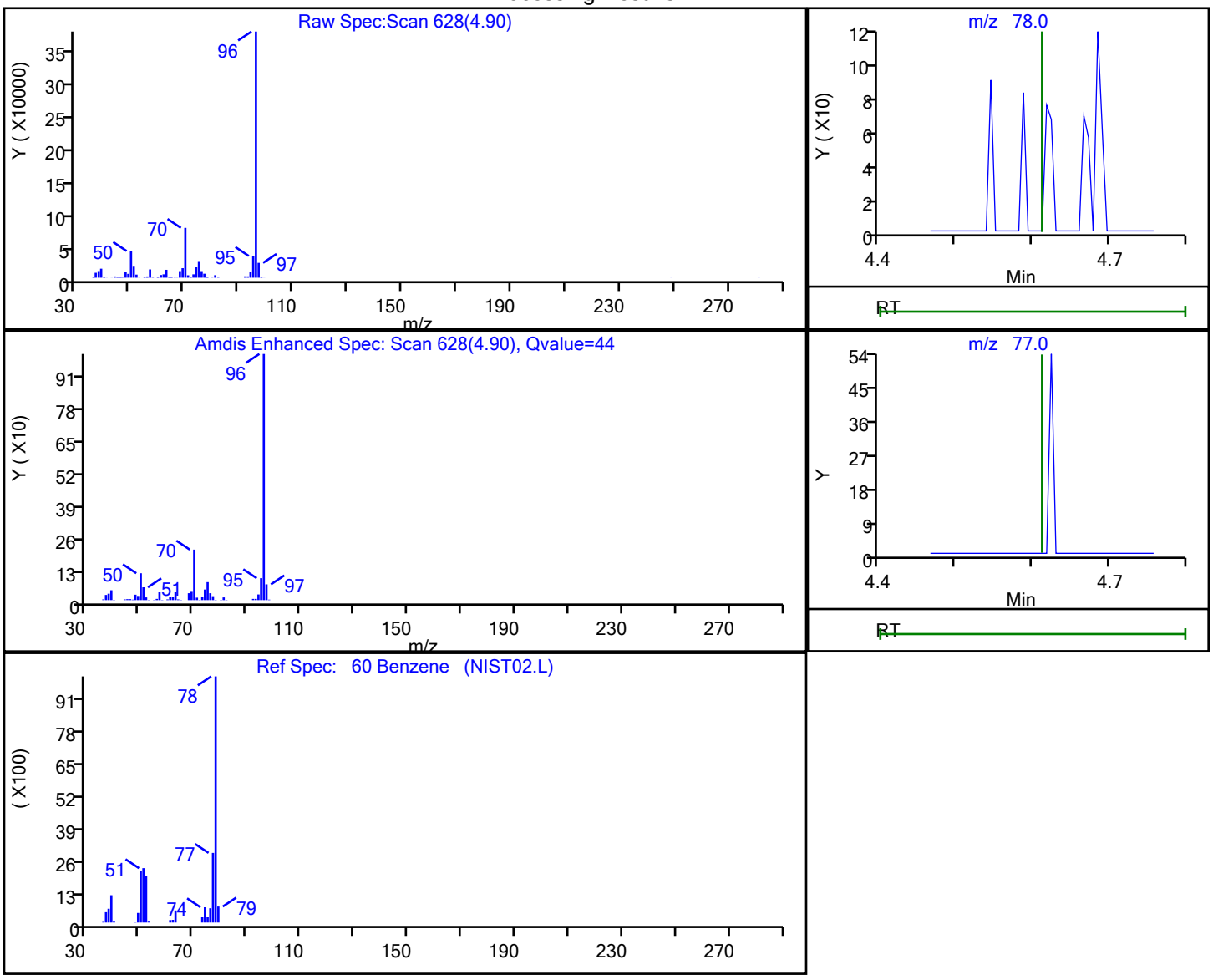
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.90	78.00	1117	0.061628
4.89	77.00	12965	

Reviewer: FK2C, 30-Aug-2024 09:33:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

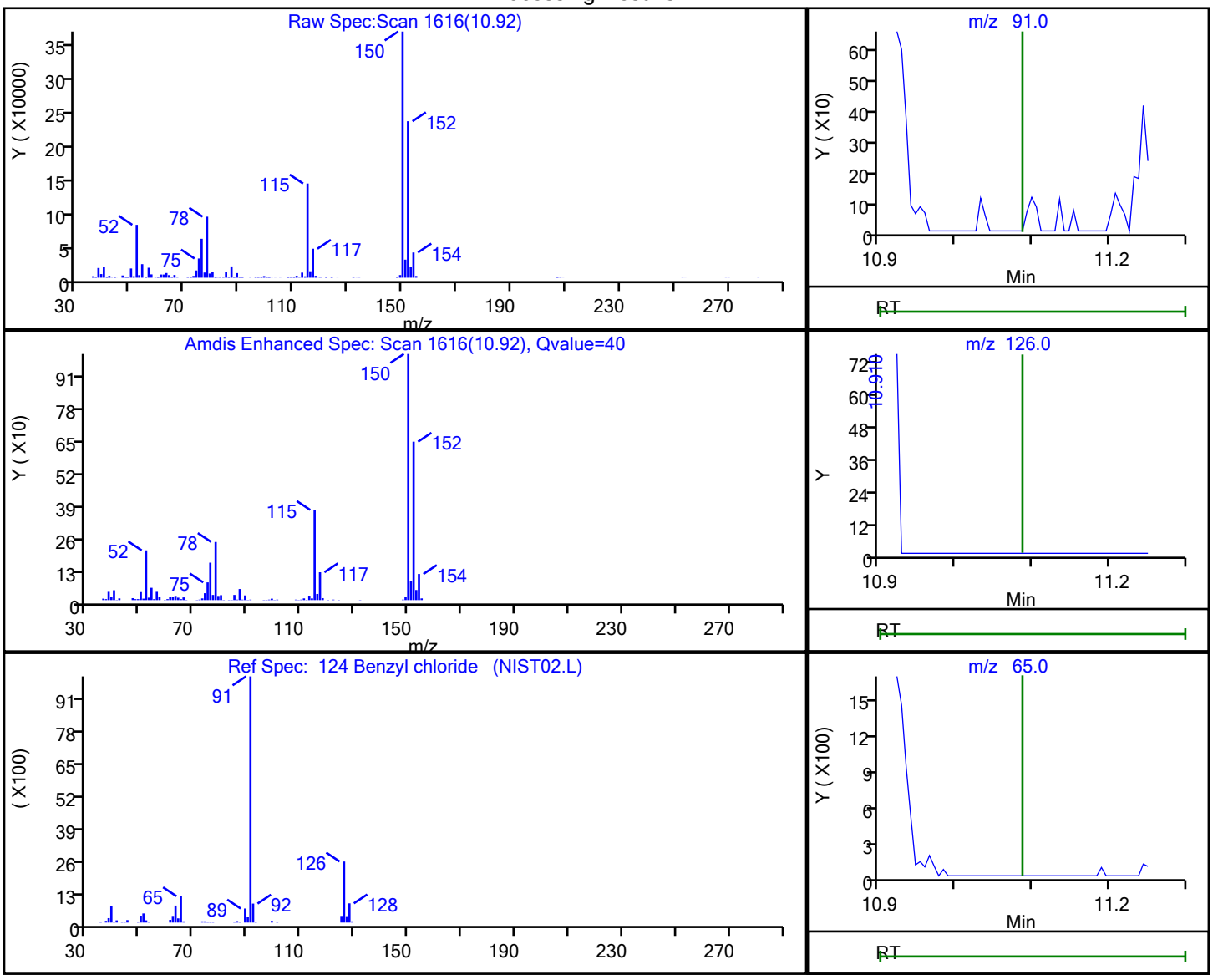
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.92	91.00	1006	0.195461
10.91	126.00	79	
10.92	65.00	2417	

Reviewer: FK2C, 30-Aug-2024 09:33:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

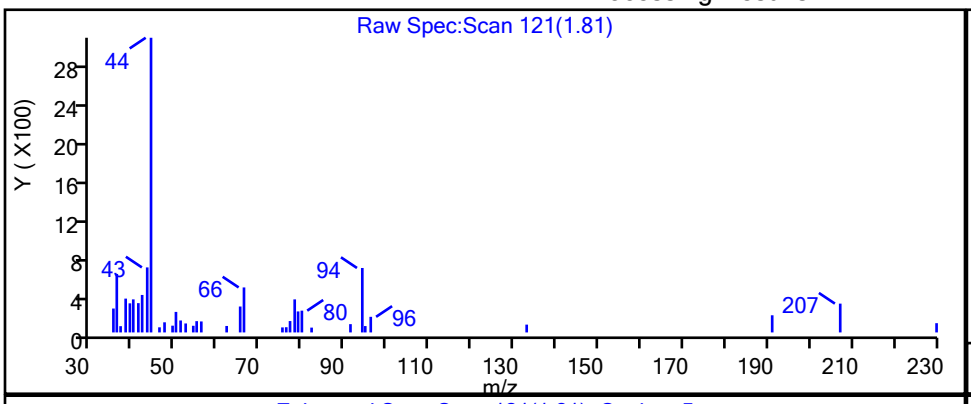
User Disabled Compound Report

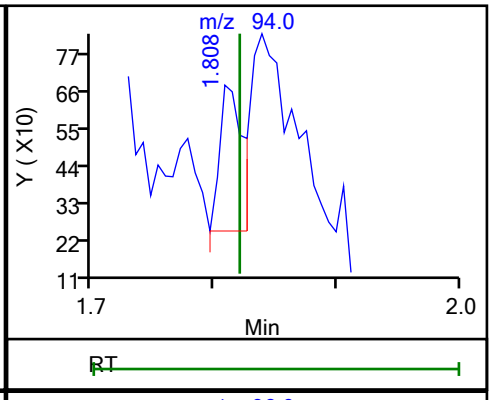
Eurofins Edison

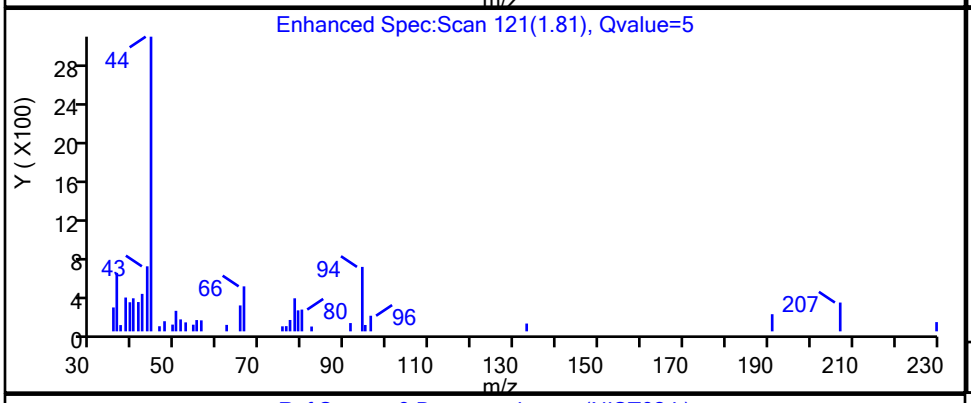
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

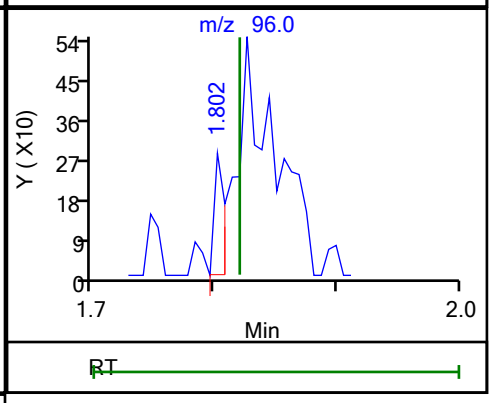
9 Bromomethane, CAS: 74-83-9

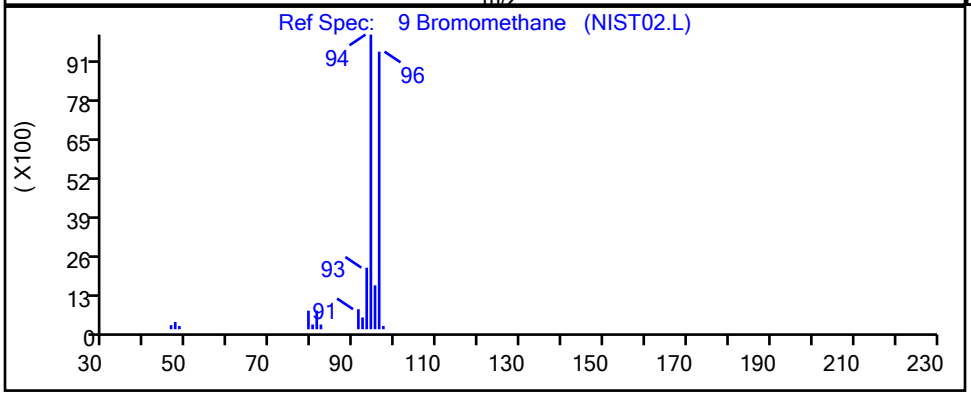
Processing Results











RT	Mass	Response	Amount
1.81	94.00	575	0.249932
1.80	96.00	161	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

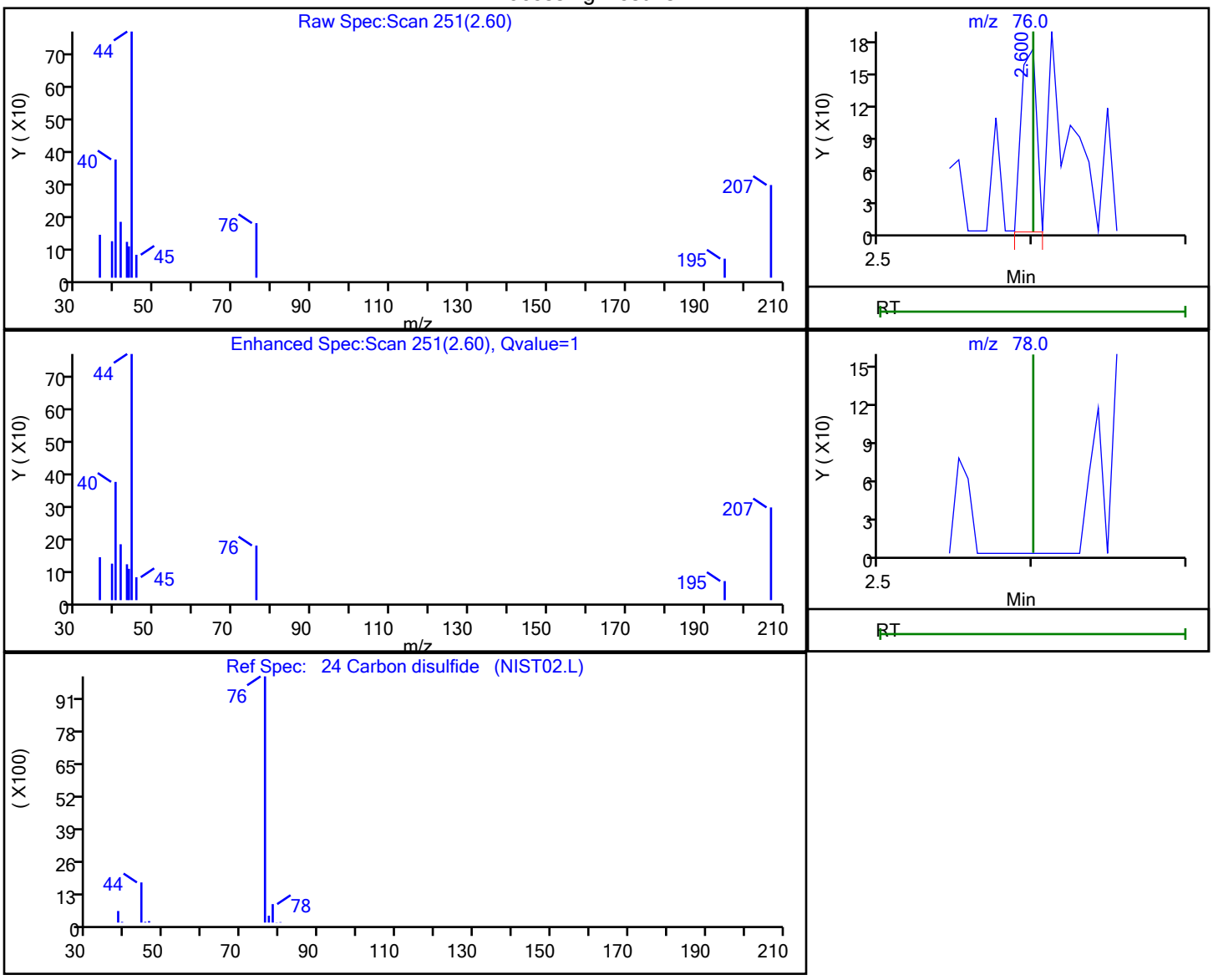
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.60	76.00	118	0.188690
2.59	78.00	0	

Reviewer: FK2C, 30-Aug-2024 09:32:50 -04:00:00 (UTC)
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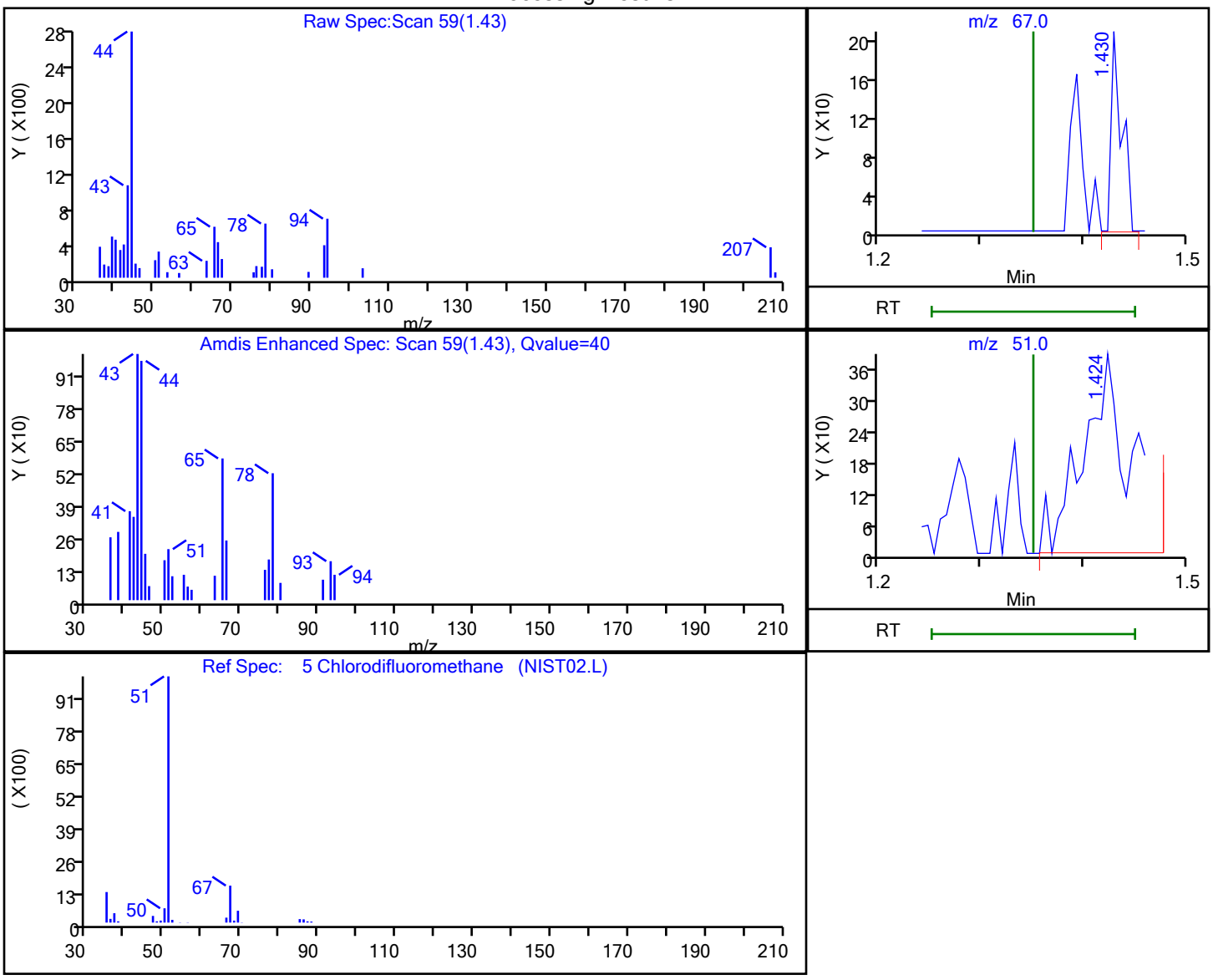
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.43	67.00	149	0.106198
1.42	51.00	1279	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

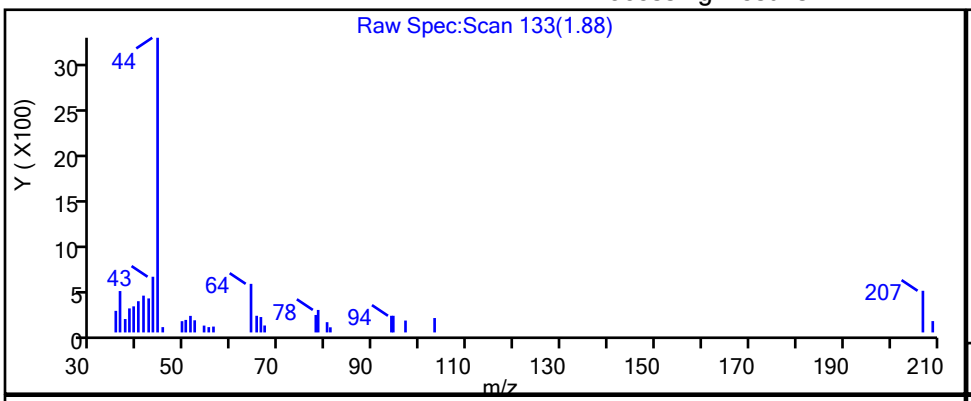
User Disabled Compound Report

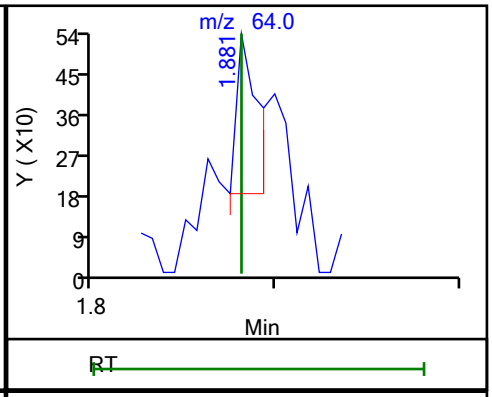
Eurofins Edison

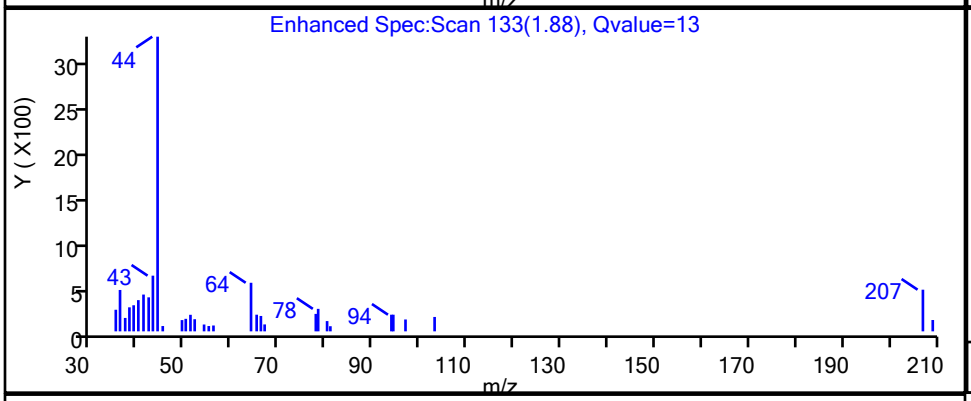
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

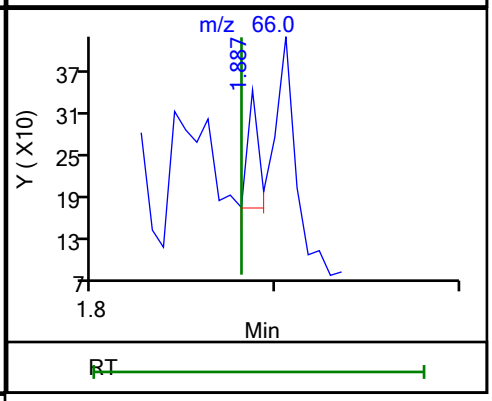
10 Chloroethane, CAS: 75-00-3

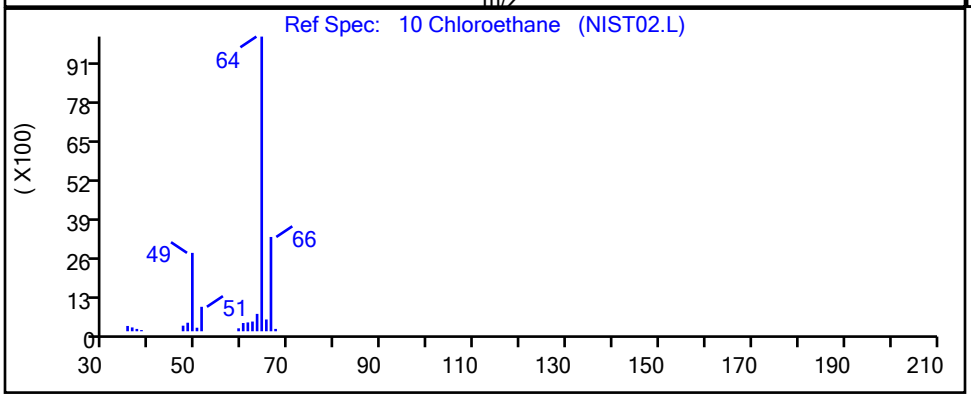
Processing Results











RT	Mass	Response	Amount
1.88	64.00	285	0.250000
1.89	66.00	71	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

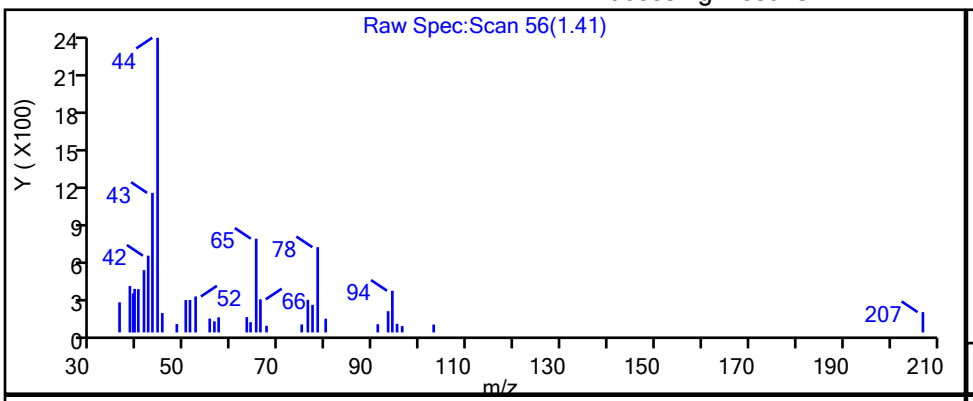
User Disabled Compound Report

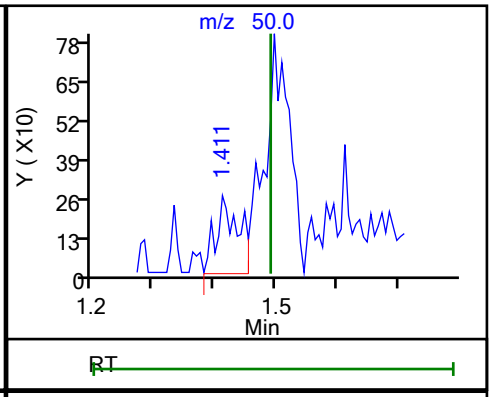
Eurofins Edison

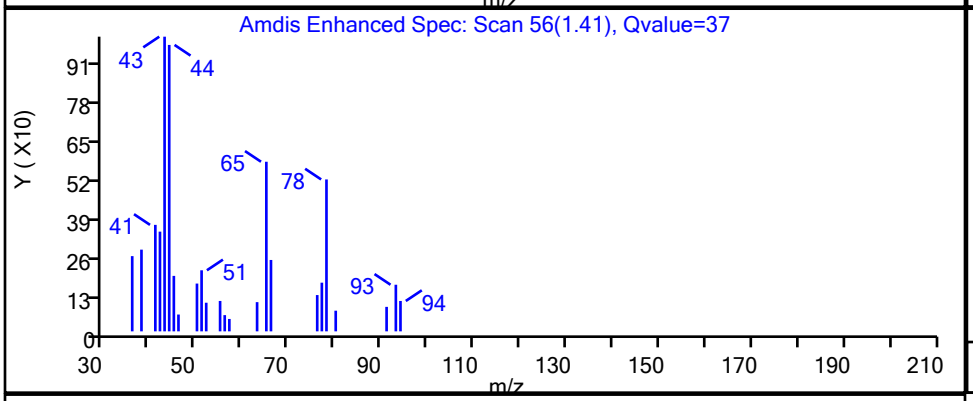
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

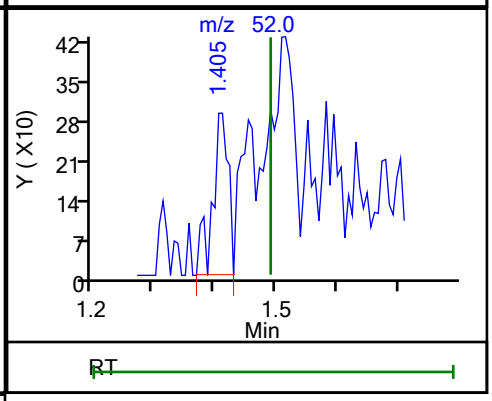
6 Chloromethane, CAS: 74-87-3

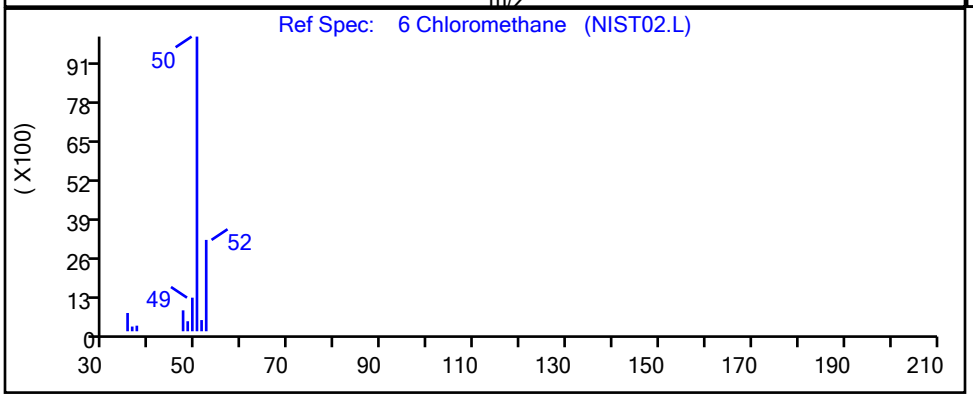
Processing Results











RT	Mass	Response	Amount
1.41	50.00	651	0.250000
1.41	52.00	520	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

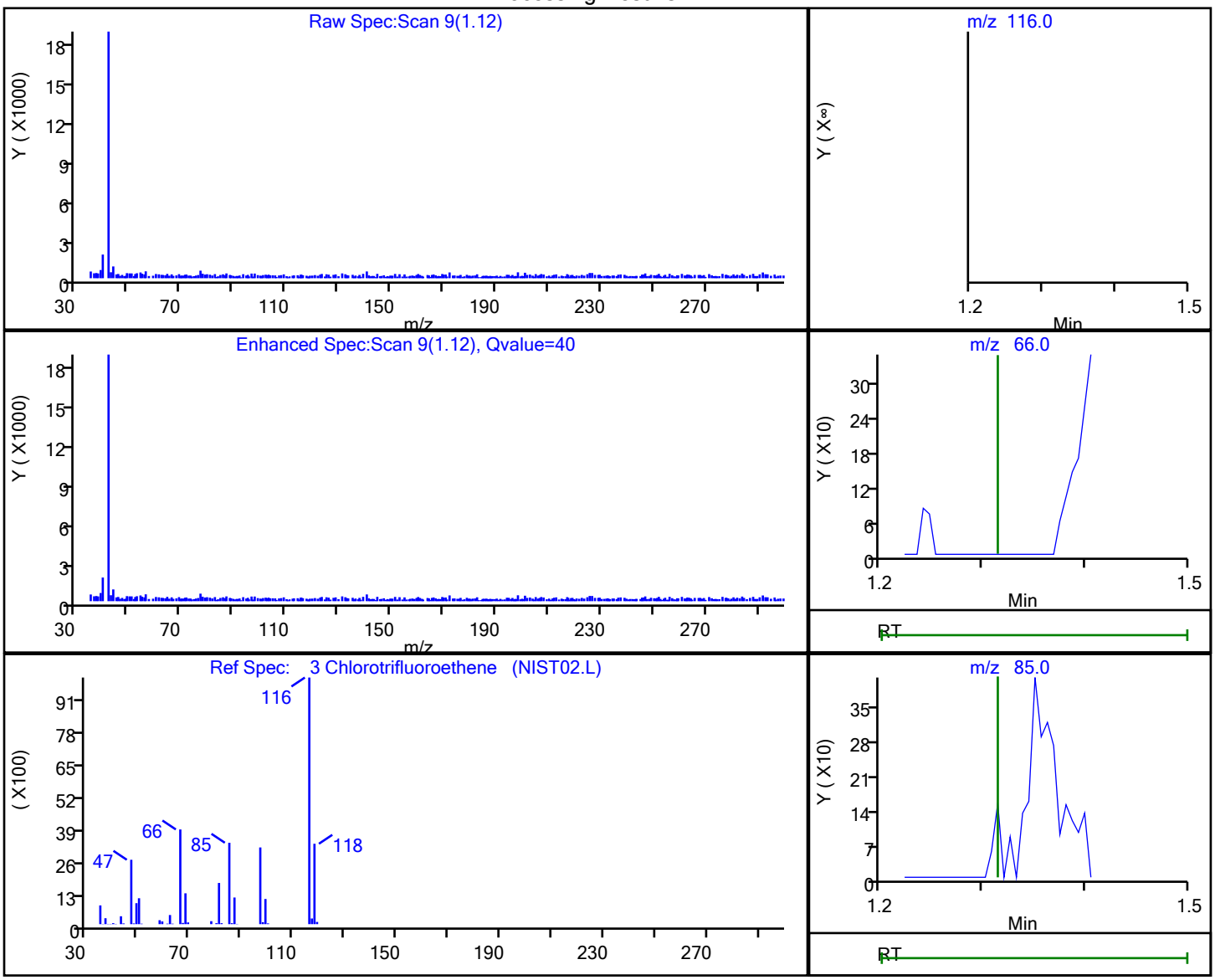
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D				
Injection Date:	30-Aug-2024 08:07:30	Instrument ID:	CVOAMS17		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	627	6.884512
1.11	66.00	495	
1.12	85.00	491	
1.11	118.00	848	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

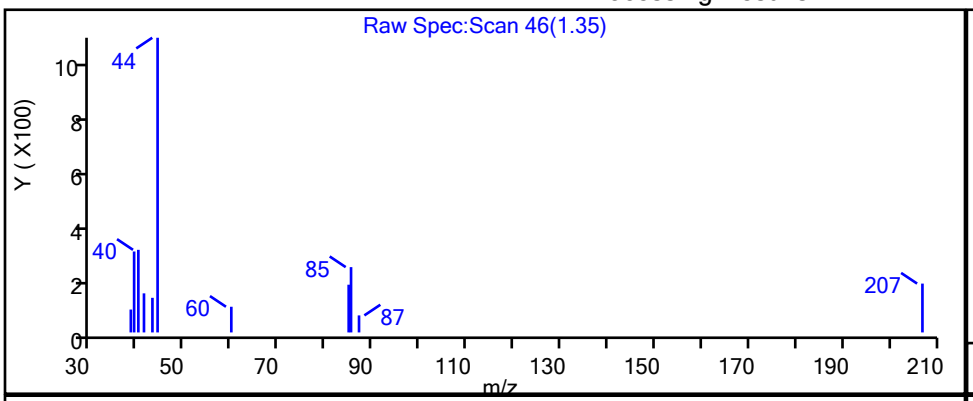
User Disabled Compound Report

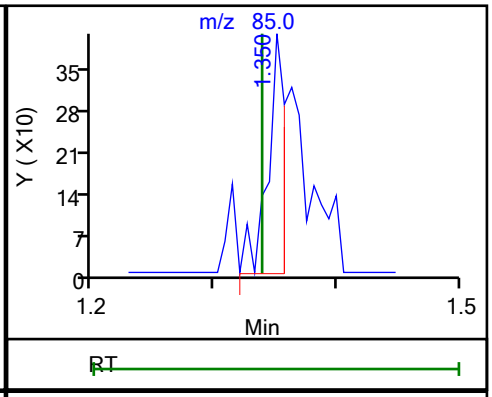
Eurofins Edison

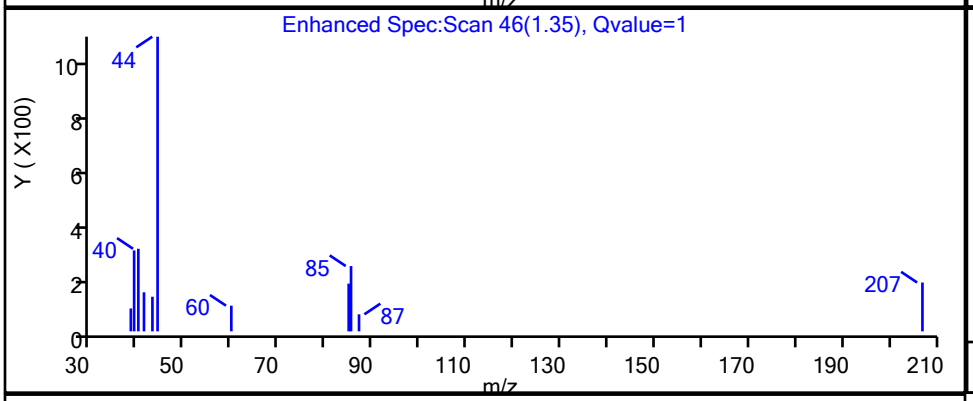
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

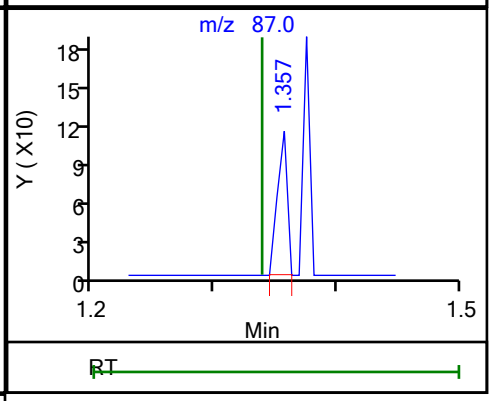
4 Dichlorodifluoromethane, CAS: 75-71-8

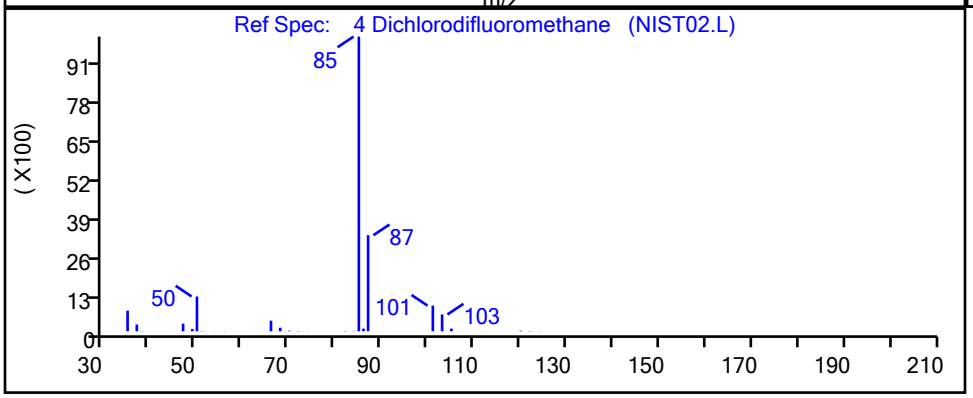
Processing Results











RT	Mass	Response	Amount
1.35	85.00	386	0.250000
1.36	87.00	64	

Reviewer: FK2C, 30-Aug-2024 09:32:40 -04:00:00 (UTC)
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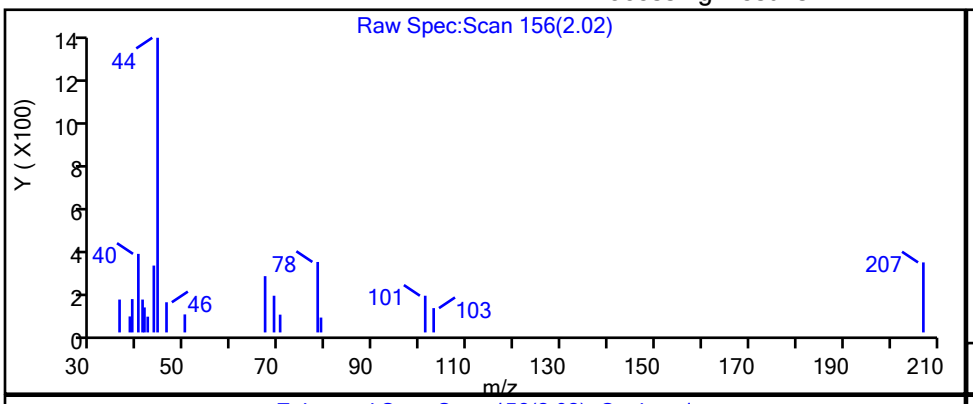
User Disabled Compound Report

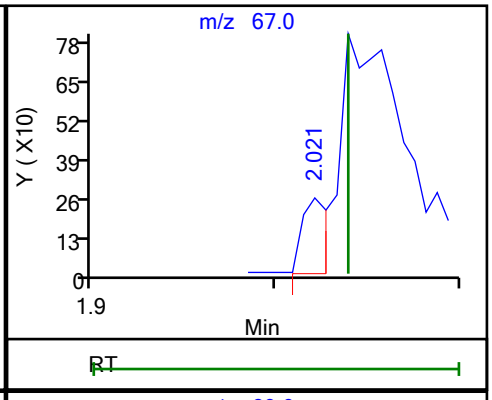
Eurofins Edison

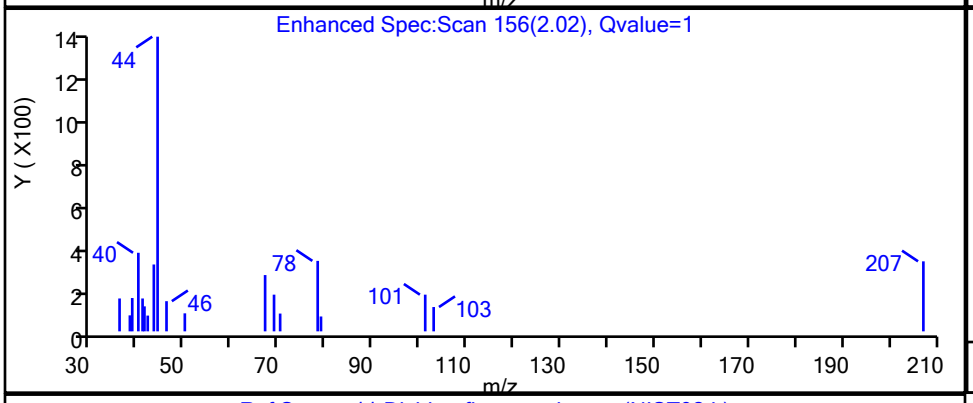
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

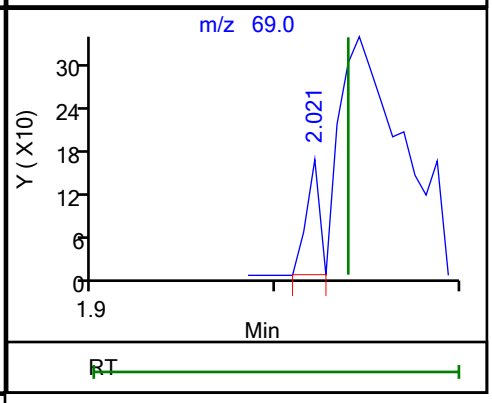
11 Dichlorofluoromethane, CAS: 75-43-4

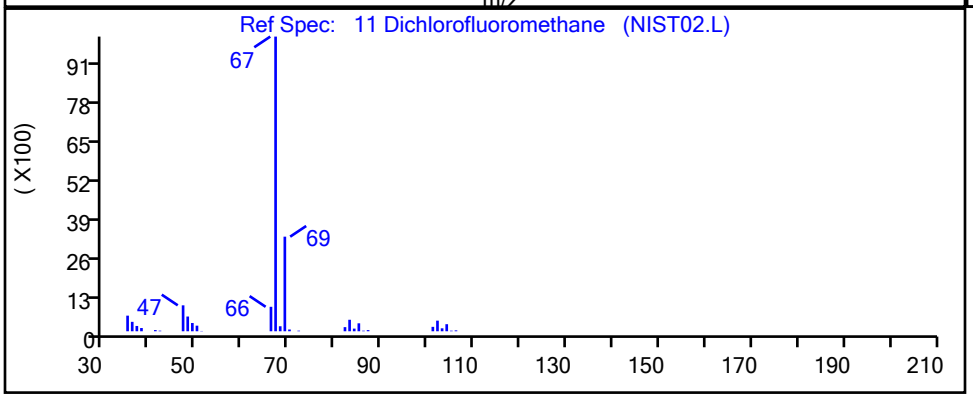
Processing Results











RT	Mass	Response	Amount
2.02	67.00	239	0.250000
2.02	69.00	82	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

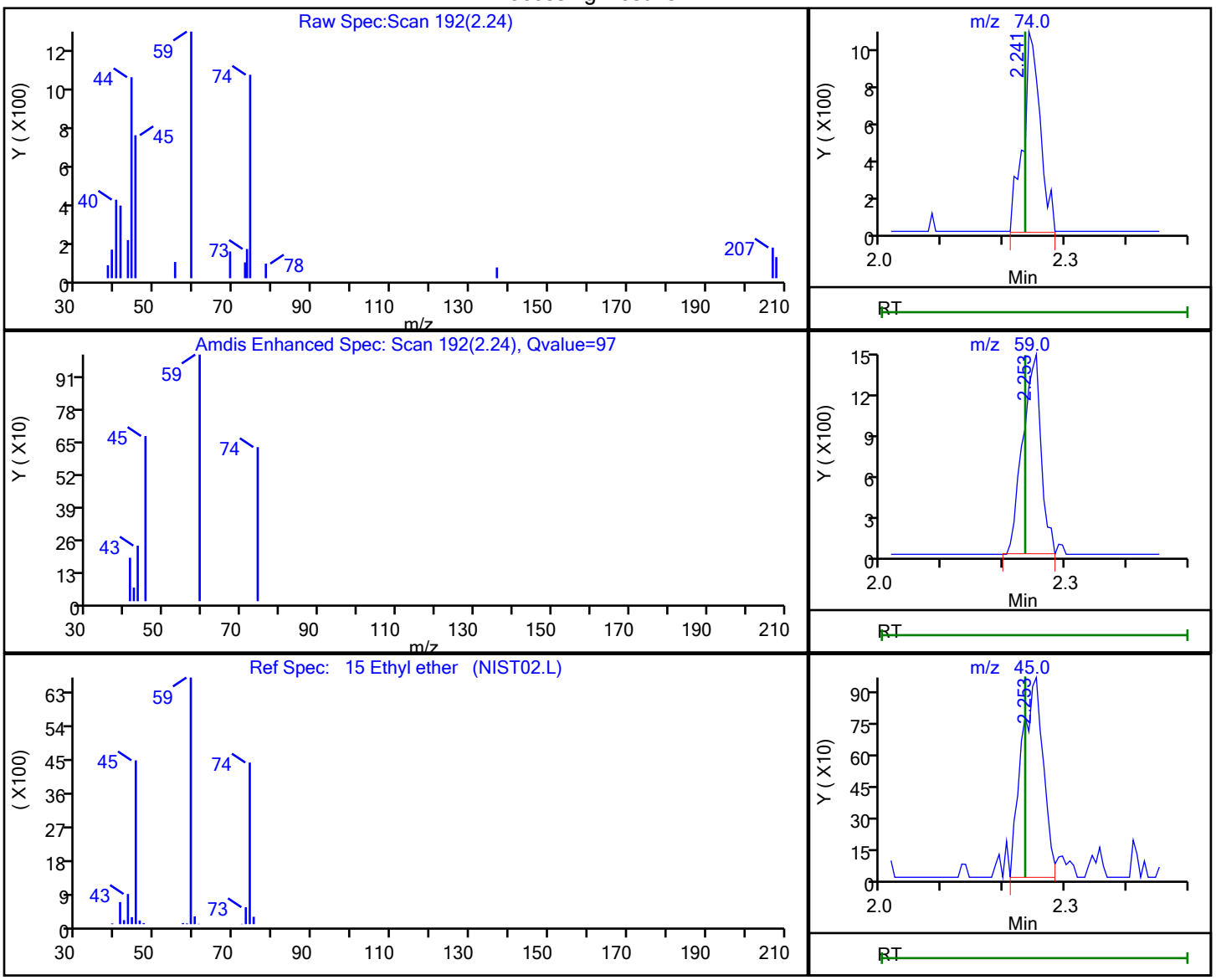
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.24	74.00	1917	0.249412
2.25	59.00	3022	
2.25	45.00	2375	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

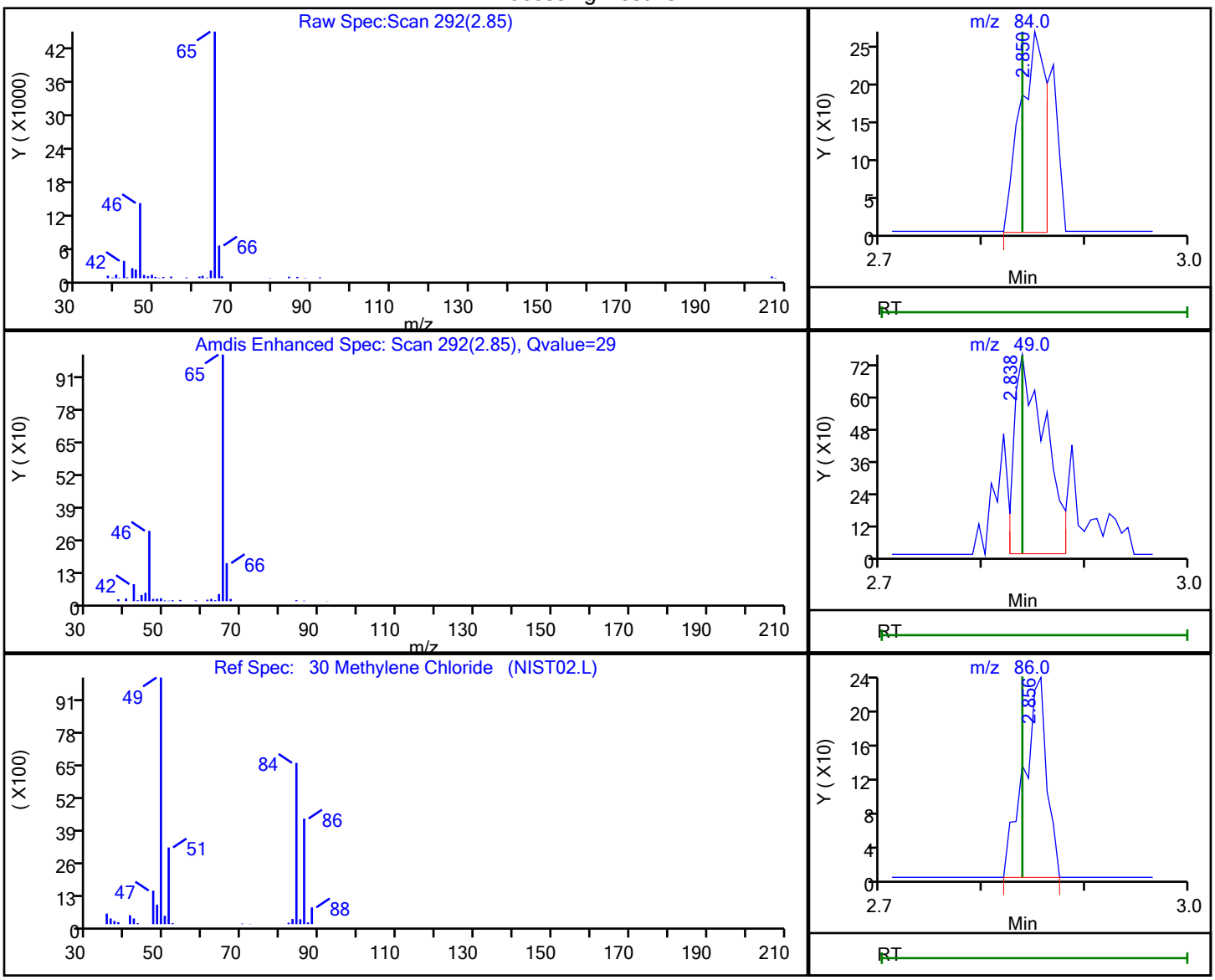
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.85	84.00	458	0.085205
2.84	49.00	1587	
2.86	86.00	366	

Reviewer: FK2C, 30-Aug-2024 09:32:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

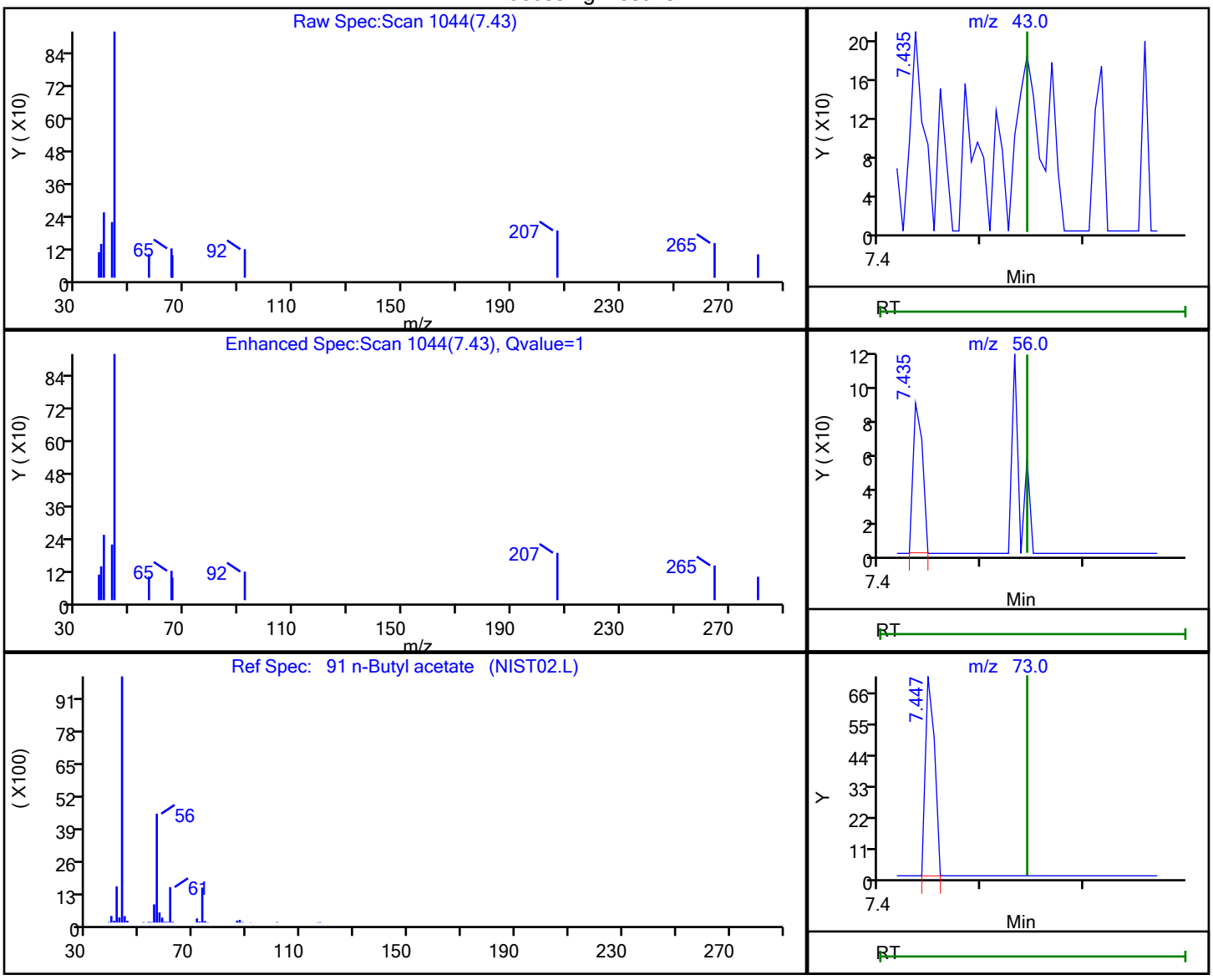
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.43	43.00	207	0.042378
7.43	56.00	57	
7.45	73.00	45	

Reviewer: FK2C, 30-Aug-2024 09:33:17 -04:00:00 (UTC)
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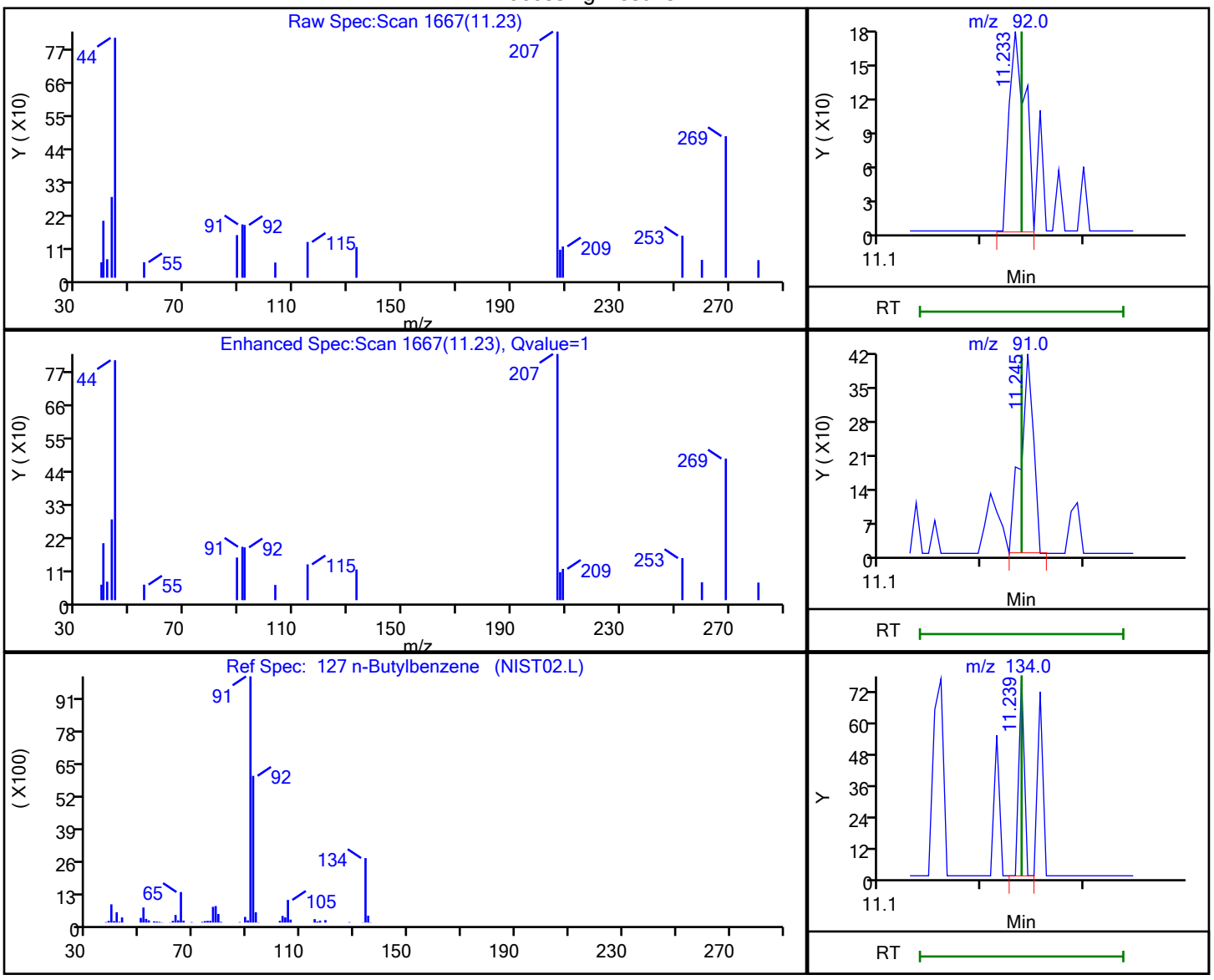
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.23	92.00	193	0.023785
11.24	91.00	364	
11.24	134.00	29	

Reviewer: FK2C, 30-Aug-2024 09:33:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

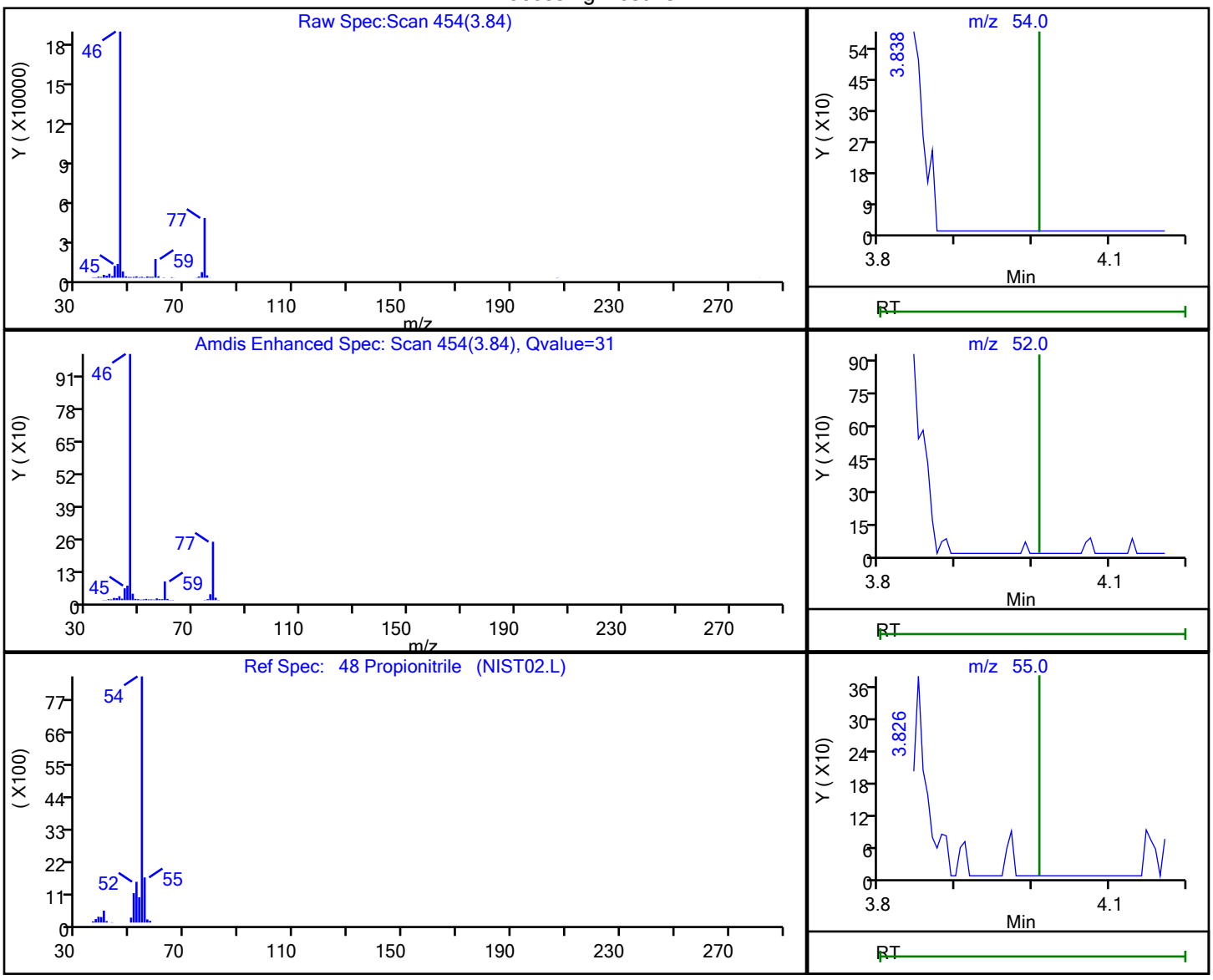
User Disabled Compound Report

Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.84	54.00	1142	2.681029
3.84	52.00	2120	
3.83	55.00	235	

Reviewer: FK2C, 30-Aug-2024 09:33:03 -04:00:00 (UTC)
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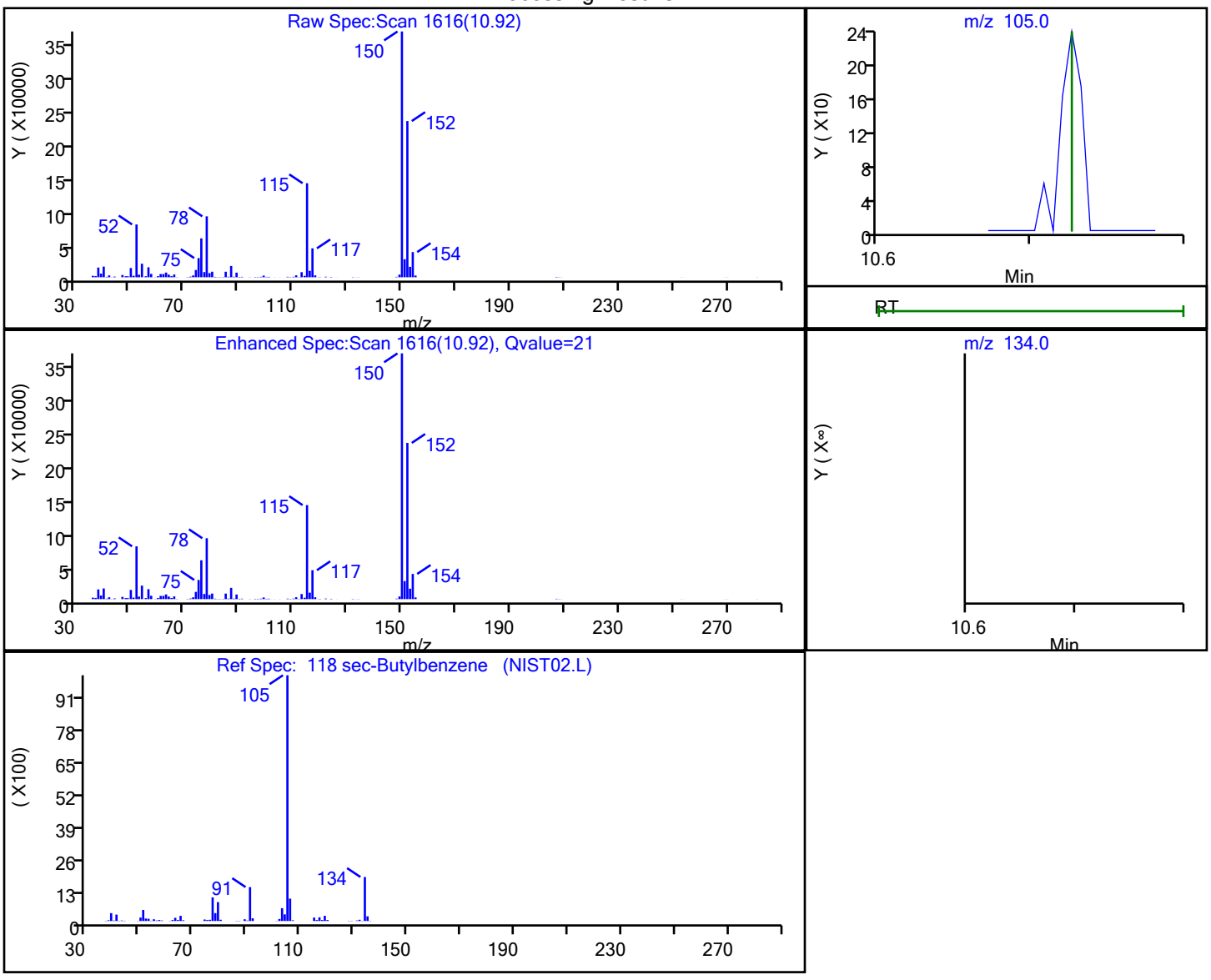
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Eurofins Edison

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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	87	0.004641
10.92	134.00	153	

Reviewer: FK2C, 30-Aug-2024 09:33:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

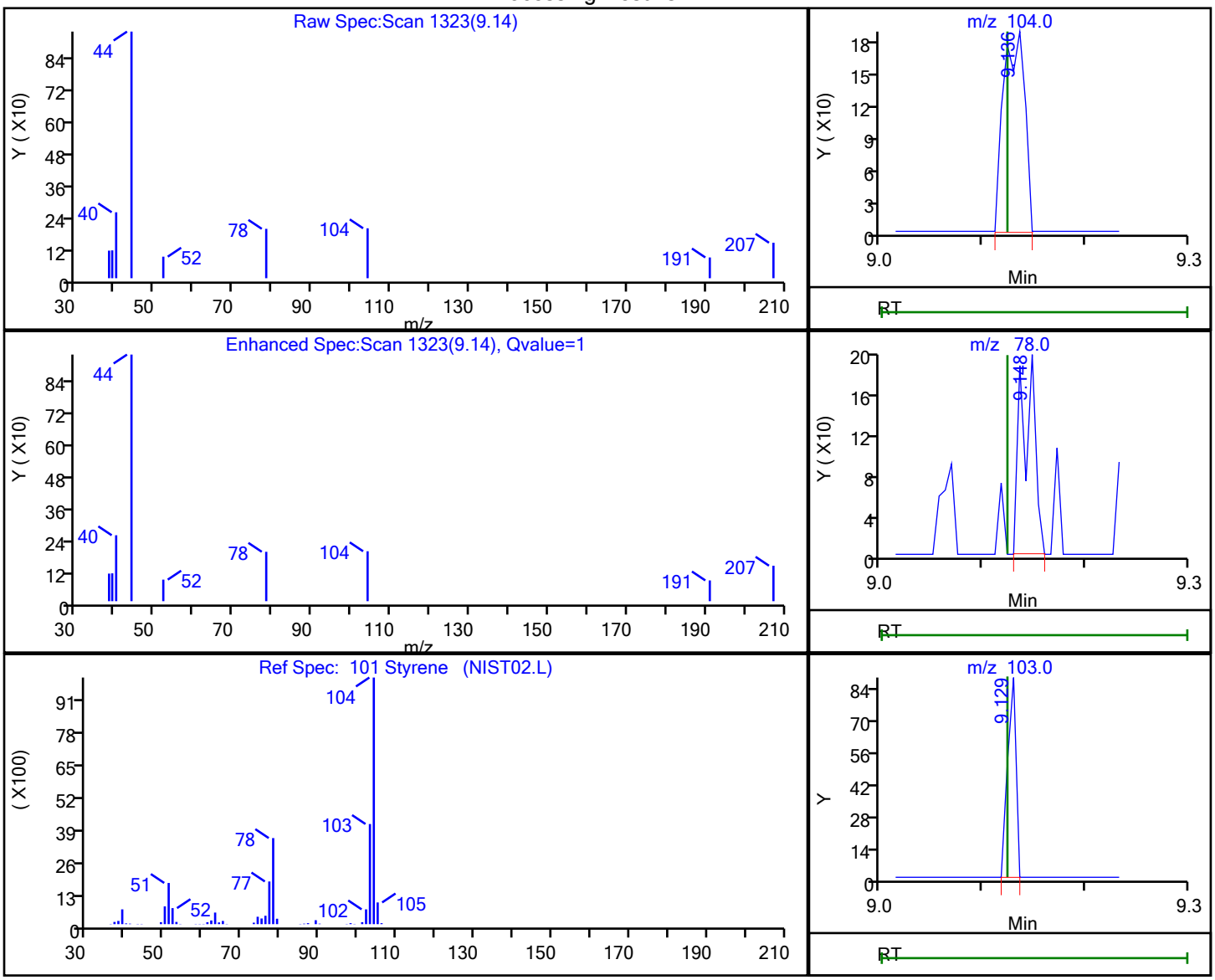
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.14	104.00	275	0.025051
9.15	78.00	187	
9.13	103.00	51	

Reviewer: FK2C, 30-Aug-2024 09:33:19 -04:00:00 (UTC)
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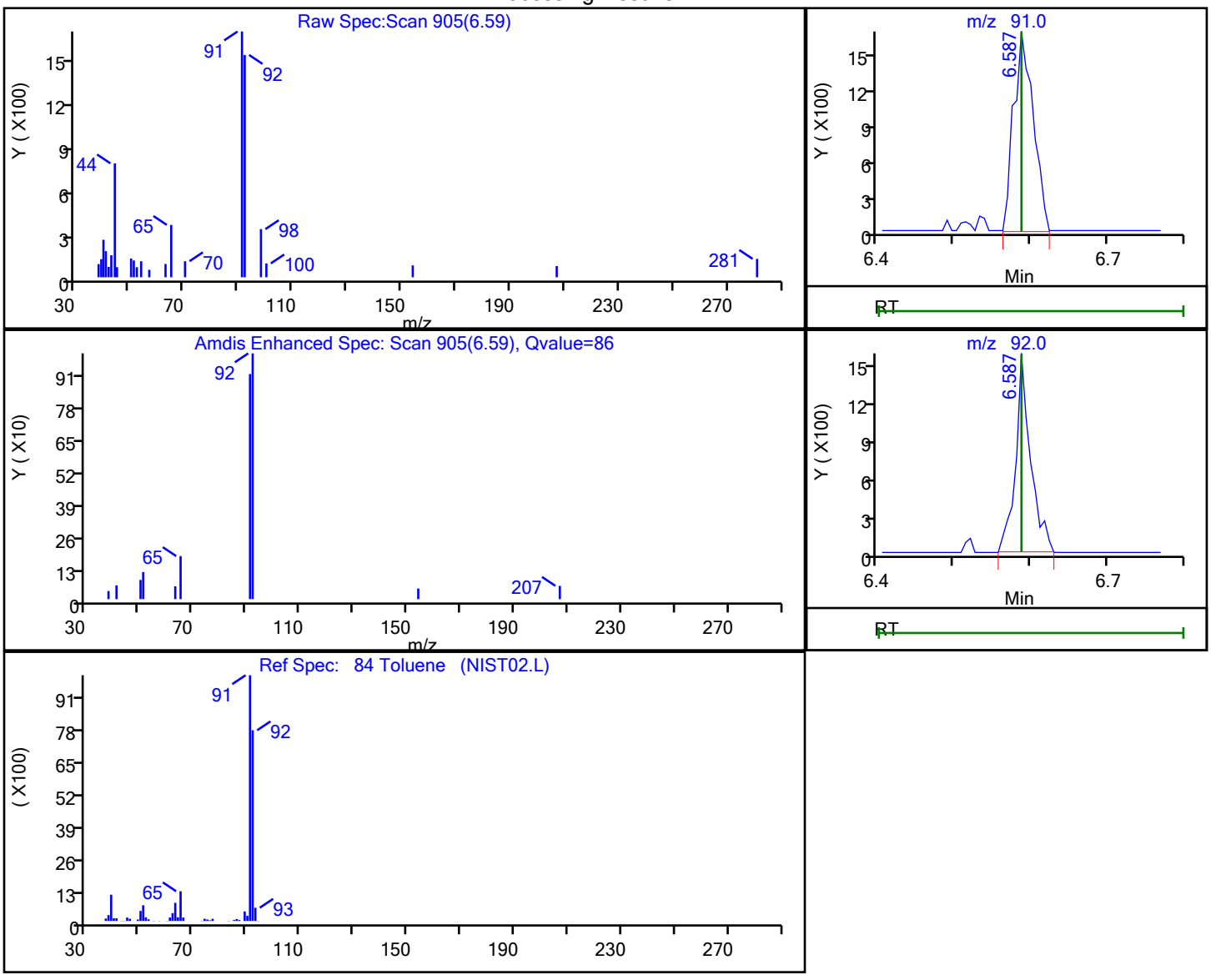
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.59	91.00	3016	0.139571
6.59	92.00	2088	

Reviewer: FK2C, 30-Aug-2024 09:33:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

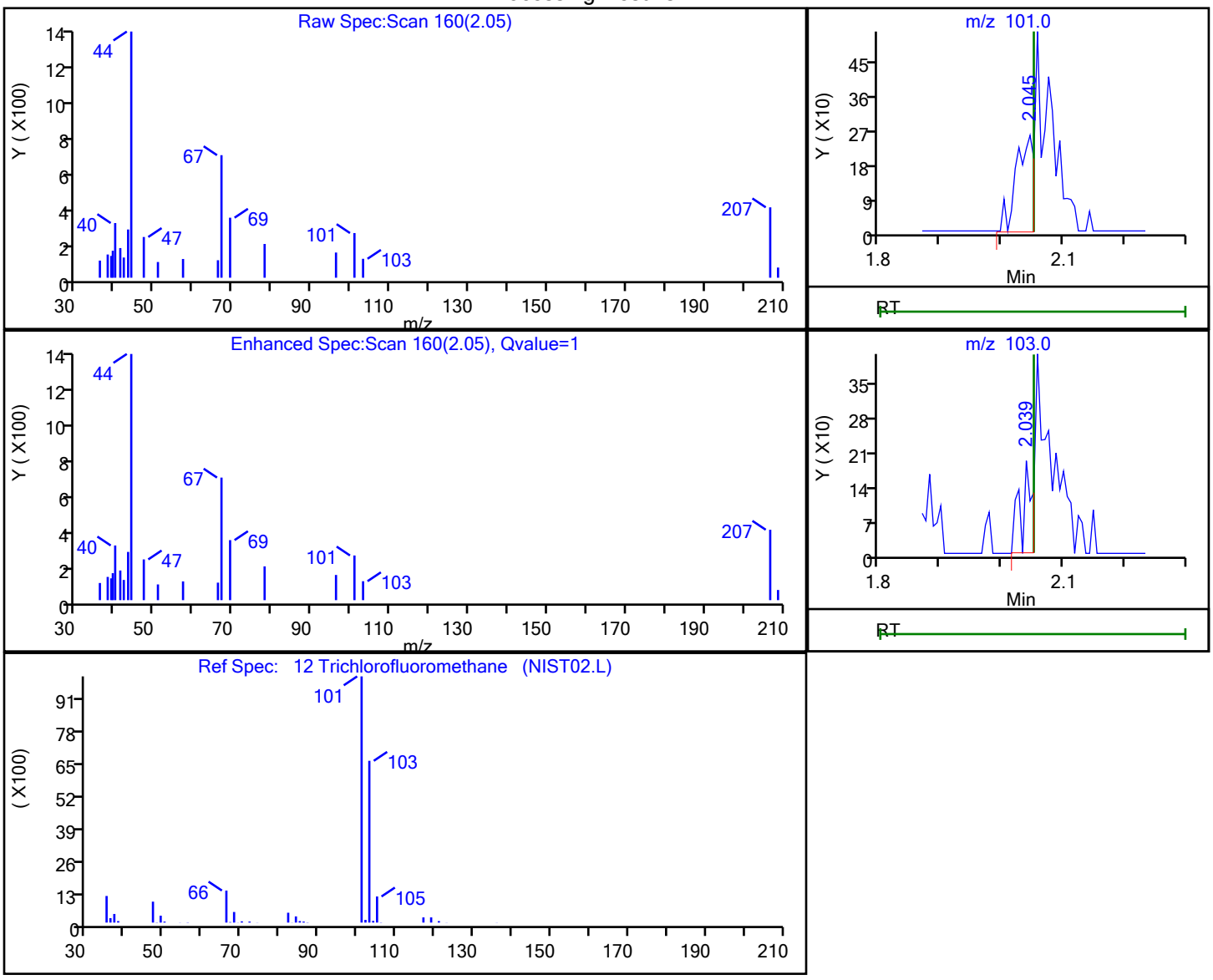
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84410.D
Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.05	101.00	492	0.198708
2.04	103.00	239	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

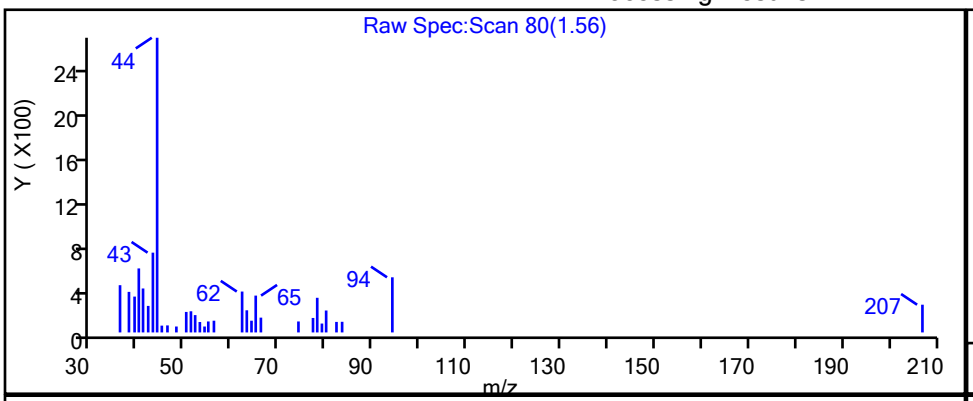
User Disabled Compound Report

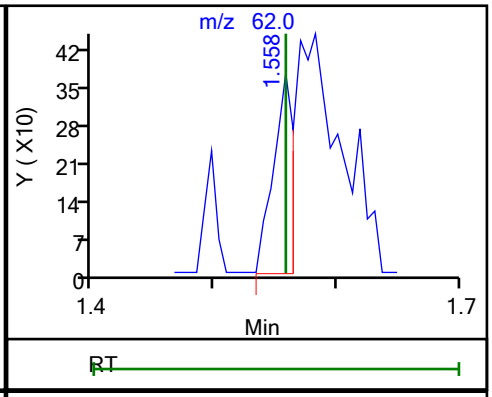
Eurofins Edison

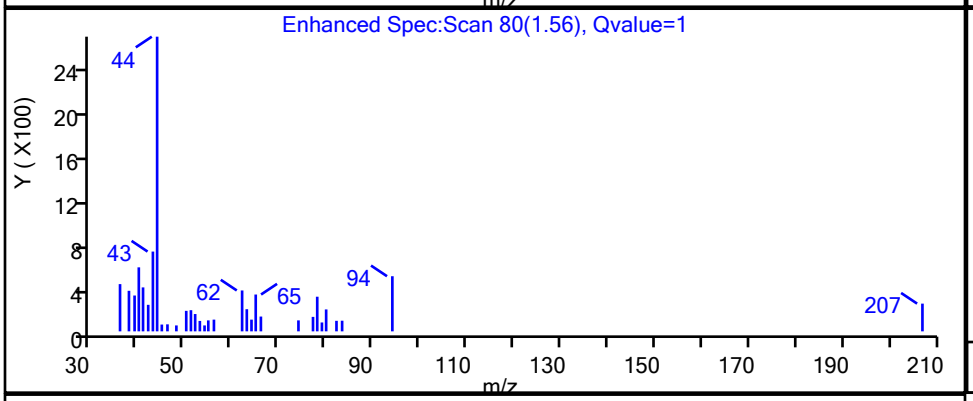
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Injection Date: 30-Aug-2024 08:07:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

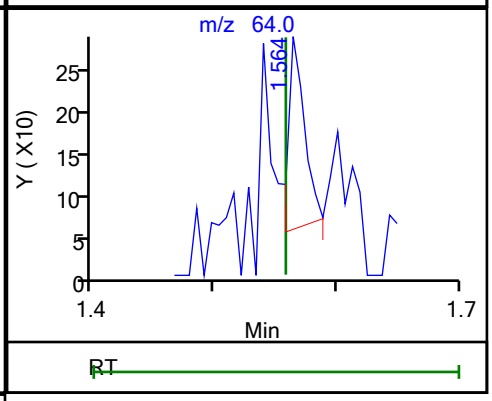
7 Vinyl chloride, CAS: 75-01-4

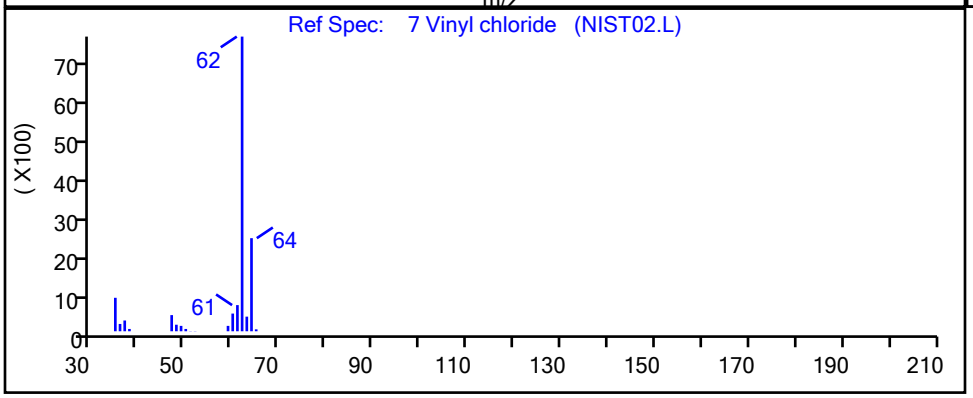
Processing Results











RT	Mass	Response	Amount
1.56	62.00	422	0.198118
1.56	64.00	203	

Reviewer: FK2C, 30-Aug-2024 09:32:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Aug-2024 08:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0180260-004
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:00 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:56:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	1	44	0.5000	0.0612	
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	56	852	0.5000	0.4386	M
4 Dichlorodifluoromethane	85	1.344	1.338	0.006	6	2228	0.5000	0.4826	M
5 Chlorodifluoromethane	67	1.357	1.351	0.006	35	313	0.5000	0.5652	a
6 Chloromethane	50	1.497	1.491	0.006	46	2424	0.5000	0.4383	M
7 Vinyl chloride	62	1.570	1.558	0.012	14	2236	0.5000	0.4606	M
8 Butadiene	54	1.564	1.570	-0.006	52	2329	0.5000	0.5108	M
9 Bromomethane	94	1.808	1.820	-0.012	37	1656	0.5000	0.4833	M
10 Chloroethane	64	1.881	1.881	0.000	34	1967	0.5000	0.6148	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	64	4097	0.5000	0.5015	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	49	2320	0.5000	0.4724	M
13 Pentane	72	2.058	2.070	-0.012	86	406	1.00	0.7009	a
14 Ethanol	46	2.204	2.234	-0.030	73	258	20.0	-124.5	
15 Ethyl ether	74	2.222	2.234	-0.012	96	3200	0.5000	0.4975	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	74	1719	0.5000	0.5387	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	18	1121	0.5000	0.3622	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	1	2510	0.5000	0.4599	M
19 Acrolein	56	2.393	2.387	0.006	47	1645	2.00	2.49	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	48	1440	0.5000	0.4833	M
21 1,1-Dichloroethene	96	2.442	2.436	0.006	95	2158	0.5000	0.5948	Ma
22 Acetone	43	2.515	2.497	0.018	71	3769	2.50	3.31	
23 Iodomethane	142	2.570	2.570	0.000	85	3295	0.5000	0.5280	
25 Isopropyl alcohol	45	2.594	2.588	0.006	31	880	5.00	5.30	a
24 Carbon disulfide	76	2.606	2.600	0.006	93	6783	0.5000	0.5230	M
26 3-Chloro-1-propene	76	2.710	2.716	-0.006	76	1298	0.5000	0.5262	
27 Methyl acetate	43	2.722	2.722	0.000	95	3697	1.00	1.21	
28 Cyclopentene	67	2.728	2.734	-0.006	47	4195	0.5000	0.5507	M
29 Acetonitrile	41	2.759	2.771	-0.012	63	2358	5.00	4.79	Ma
* 31 TBA-d9 (IS)	66	2.820	2.832	-0.012	0	40820	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	46	2843	0.5000	0.6326	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.923	2.887	0.036	2	1083	5.00	4.08	M
33 Methyl tert-butyl ether	73	2.997	2.984	0.013	53	5738	0.5000	0.5128	M
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	38	2083	0.5000	0.5341	M
35 Acrylonitrile	53	3.076	3.070	0.006	93	7067	5.00	4.68	
36 Hexane	57	3.149	3.155	-0.006	87	2550	0.5000	0.6251	
37 Isopropyl ether	45	3.350	3.356	-0.006	90	7231	0.5000	0.5372	
38 1,1-Dichloroethane	63	3.375	3.381	-0.006	93	4073	0.5000	0.5630	
39 Vinyl acetate	86	3.393	3.393	0.000	99	526	1.00	0.9634	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	42	1594	0.5000	0.4874	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	5799	0.5000	0.4834	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	395506	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	40	560	0.5000	0.5040	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	76	2476	0.5000	0.5607	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	77	1078	2.50	2.60	
46 Ethyl acetate	70	3.887	3.887	0.000	66	251	1.00	0.6894	
47 Methyl acrylate	55	3.942	3.941	0.001	16	1543	0.5000	0.4783	M
48 Propionitrile	54	4.009	4.009	0.000	97	2265	5.00	4.84	
50 Tetrahydrofuran	72	4.076	4.082	-0.006	52	543	1.00	1.09	a
49 Chlorobromomethane	128	4.100	4.088	0.012	32	1066	0.5000	0.4939	
51 Methacrylonitrile	67	4.106	4.112	-0.006	92	7199	5.00	4.72	
52 Chloroform	83	4.143	4.143	0.000	95	3218	0.5000	0.4996	
53 Cyclohexane	84	4.271	4.271	0.000	69	2212	0.5000	0.4440	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	60	2581	0.5000	0.5434	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	183336	50.0	49.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	25	1653	0.5000	0.5270	M
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	2679	0.5000	0.5490	
58 Isobutyl alcohol	43	4.557	4.551	0.006	19	1012	12.5	11.4	Ma
59 Isooctane	57	4.582	4.582	0.000	97	6051	0.5000	0.5275	
60 Benzene	78	4.612	4.612	0.000	95	8574	0.5000	0.5539	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	215314	50.0	49.0	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	70	5691	0.5000	0.4674	
63 Isopropyl acetate	61	4.673	4.673	0.000	88	781	0.5000	0.3894	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	82	2665	0.5000	0.5319	
65 n-Heptane	100	4.777	4.771	0.006	89	241	0.5000	0.3555	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	767841	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	7	564	12.5	9.50	a
68 Trichloroethene	95	5.234	5.228	0.006	92	1923	0.5000	0.5280	
69 Methylcyclohexane	83	5.350	5.356	-0.006	83	2776	0.5000	0.4875	
70 Ethyl acrylate	99	5.356	5.356	0.000	90	89	0.5000	0.1474	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	67	1916	0.5000	0.4701	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	34399	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	85	560	1.00	0.6540	
75 1,4-Dioxane	88	5.606	5.618	-0.012	24	720	25.0	19.3	
74 Dibromomethane	93	5.624	5.630	-0.006	80	1157	0.5000	0.4940	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2870	0.5000	0.5442	
77 Dichlorobromomethane	83	5.783	5.783	0.000	95	2104	0.5000	0.4985	
78 2-Nitropropane	41	6.118	6.112	0.006	42	1115	1.00	2.29	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	73	1268	0.5012	0.5017	
80 Epichlorohydrin	57	6.215	6.222	-0.007	96	3591	10.0	10.7	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	92	2629	0.5000	0.4670	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	96	3252	2.50	2.35	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	716109	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	92	10256	0.5000	0.6162	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	2234	0.5000	0.4715	
86 Ethyl methacrylate	69	6.978	6.977	0.001	43	1273	0.5000	0.2573	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	78	1250	0.5000	0.4578	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	1951	0.5000	0.5597	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	93	2726	0.5000	0.4962	
90 2-Hexanone	43	7.423	7.423	0.001	94	5407	2.50	2.45	
91 n-Butyl acetate	43	7.545	7.544	0.000	65	2289	0.5000	0.4580	
92 Chlorodibromomethane	129	7.569	7.575	-0.006	88	1091	0.5000	0.4197	
93 Ethylene Dibromide	107	7.721	7.721	0.000	90	1621	0.5000	0.5292	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	529898	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	5054	0.5000	0.5226	
96 Ethylbenzene	106	8.410	8.410	0.000	98	2663	0.5000	0.5097	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	36	1397	0.5000	0.4964	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2888	0.5000	0.4615	
99 o-Xylene	106	9.099	9.087	0.012	89	3238	0.5000	0.5070	M
100 n-Butyl acrylate	73	9.093	9.087	0.006	48	893	0.5000	0.4213	M
101 Styrene	104	9.123	9.123	0.000	96	5232	0.5000	0.5174	
102 Bromoform	173	9.373	9.367	0.006	49	494	0.5000	0.5218	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	89	1937	0.5000	0.2508	M
104 Isopropylbenzene	105	9.532	9.532	0.000	95	6801	0.5000	0.4685	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	220729	50.0	49.5	
106 Bromobenzene	156	9.904	9.898	0.006	96	2405	0.5000	0.5707	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	91	1890	0.5000	0.4647	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	9975	0.5000	0.5218	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	94	549	0.5000	0.4729	
110 trans-1,4-Dichloro-2-butene	53	10.032	10.044	-0.012	64	373	0.5000	0.3965	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	6762	0.5000	0.5039	
112 4-Ethyltoluene	105	10.117	10.123	-0.006	98	8236	0.5000	0.5144	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	6629	0.5000	0.5003	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	6679	0.5000	0.5179	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	1106	0.5000	0.2158	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	5672	0.5000	0.5098	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	6884	0.5000	0.4989	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	8564	0.5000	0.5074	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	4136	0.5000	0.5020	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	96	6586	0.5000	0.4555	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	296084	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	88	4186	0.5000	0.5097	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	96	7687	0.5000	0.5127	
124 Benzyl chloride	91	11.086	11.086	0.000	95	2415	0.5000	0.4163	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	93	6583	0.5000	0.4619	
126 p-Diethylbenzene	119	11.215	11.214	0.001	93	4207	0.5000	0.4553	a
127 n-Butylbenzene	92	11.239	11.239	0.000	96	3578	0.5000	0.4518	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	95	3778	0.5000	0.4669	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	7399	0.5000	0.5118	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	1	196	0.5000	0.3436	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	90	3649	0.5000	0.5287	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	89	2893	0.5000	0.4677	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	89	1558	0.5000	0.4896	
134 Naphthalene	128	12.775	12.775	0.000	98	6654	0.5000	0.4608	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	3047	0.5000	0.4798	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.09	
S 137 Xylenes, Total	100				0		1.00	0.9685	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9386	
S 140 Total BTEX	1				0		2.50	2.65	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	5.00	Units: uL	
ACROLEIN W_00173	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	5.00	Units: uL	
14DIOXINTER_00172	Amount Added:	15.00	Units: uL	
GASES Li_00600	Amount Added:	5.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:00 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D

Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17

Lims ID: STD05

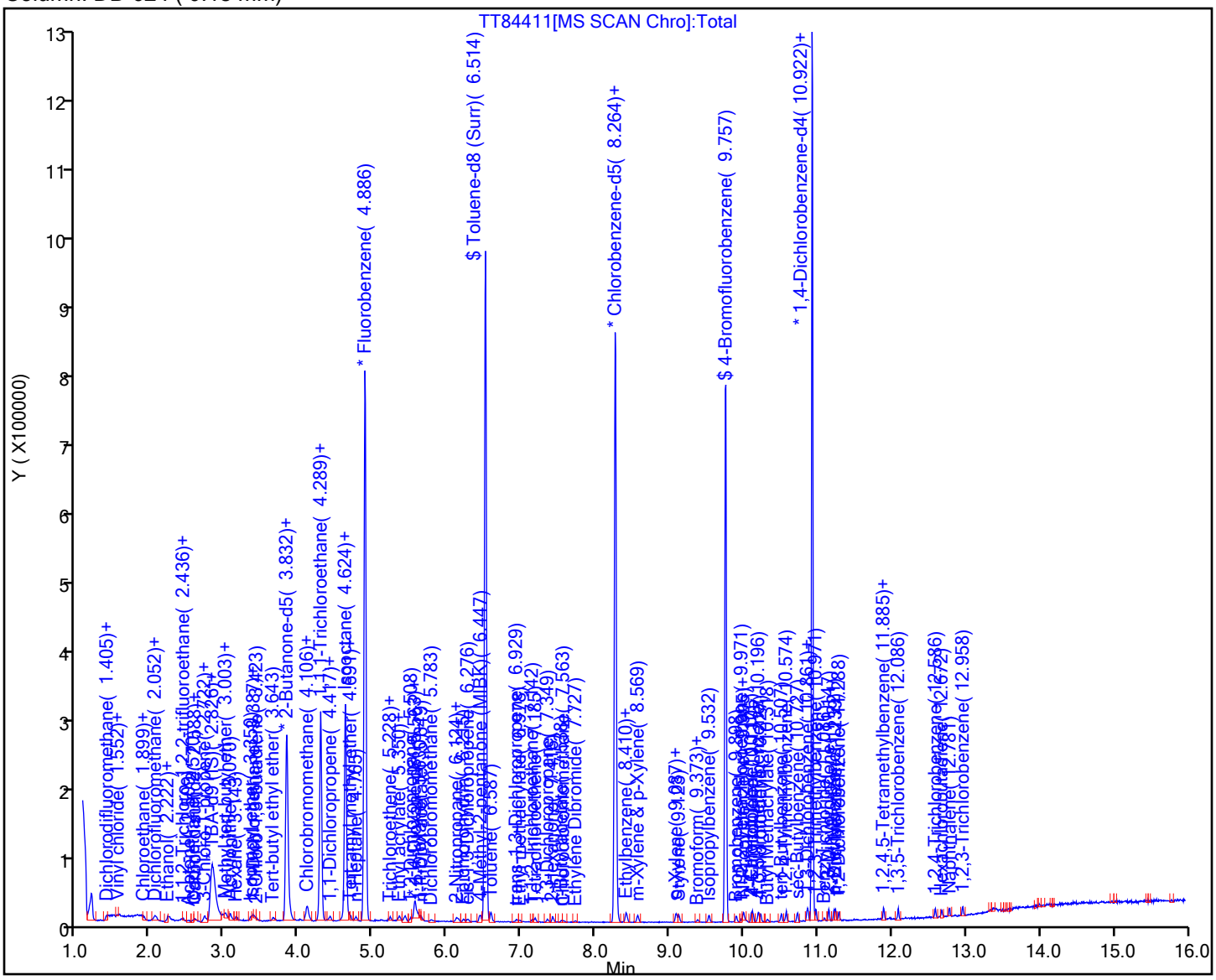
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

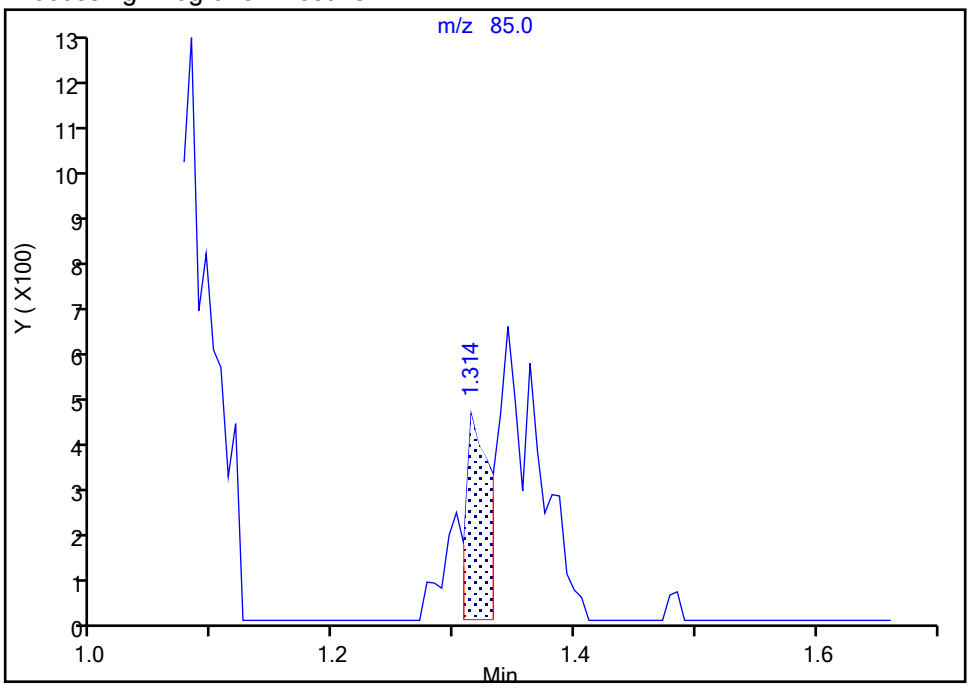
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

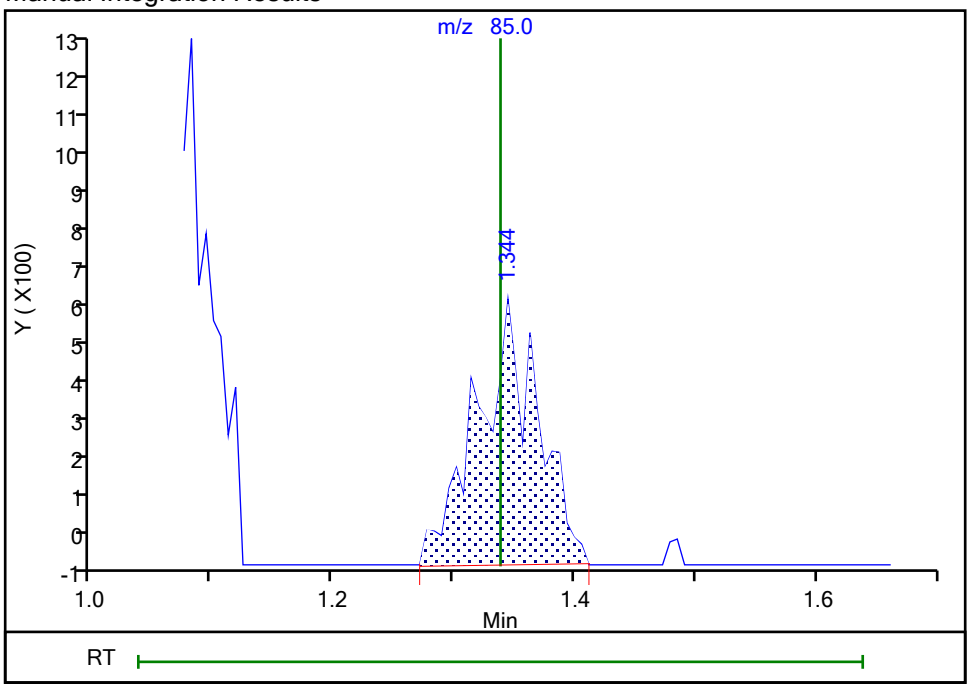
Processing Integration Results

RT: 1.31
Area: 609
Amount: 0.165637
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 2228
Amount: 0.482595
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:51:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

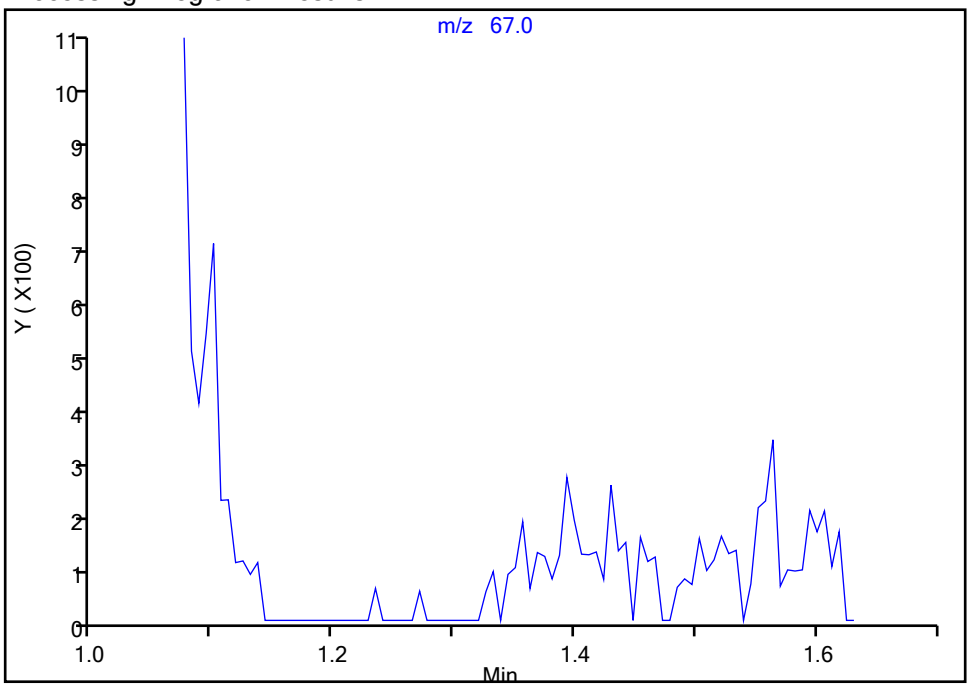
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

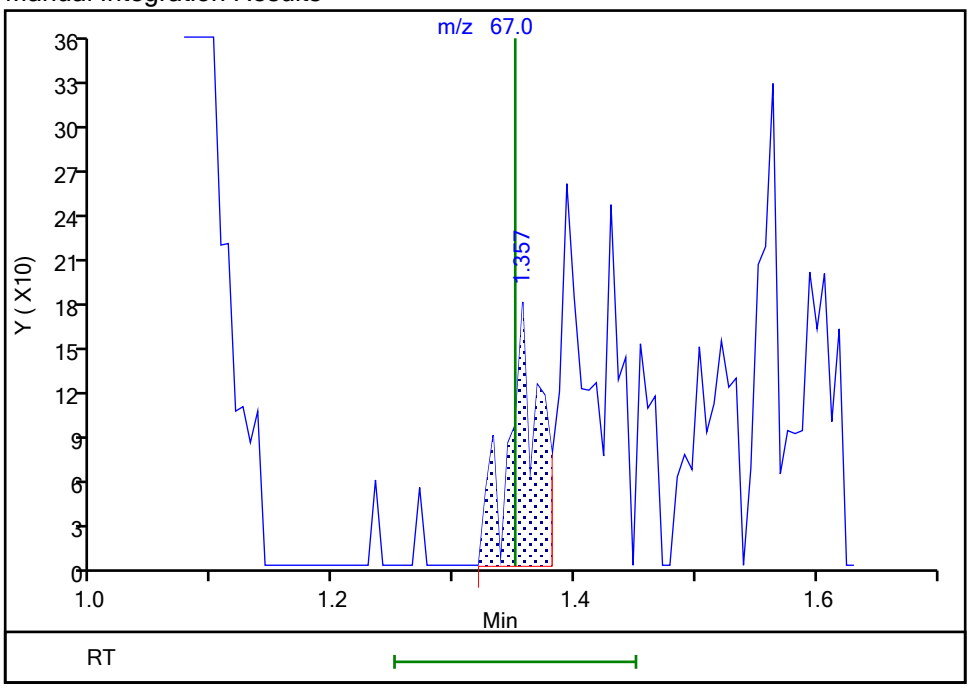
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 313
Amount: 0.565218
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

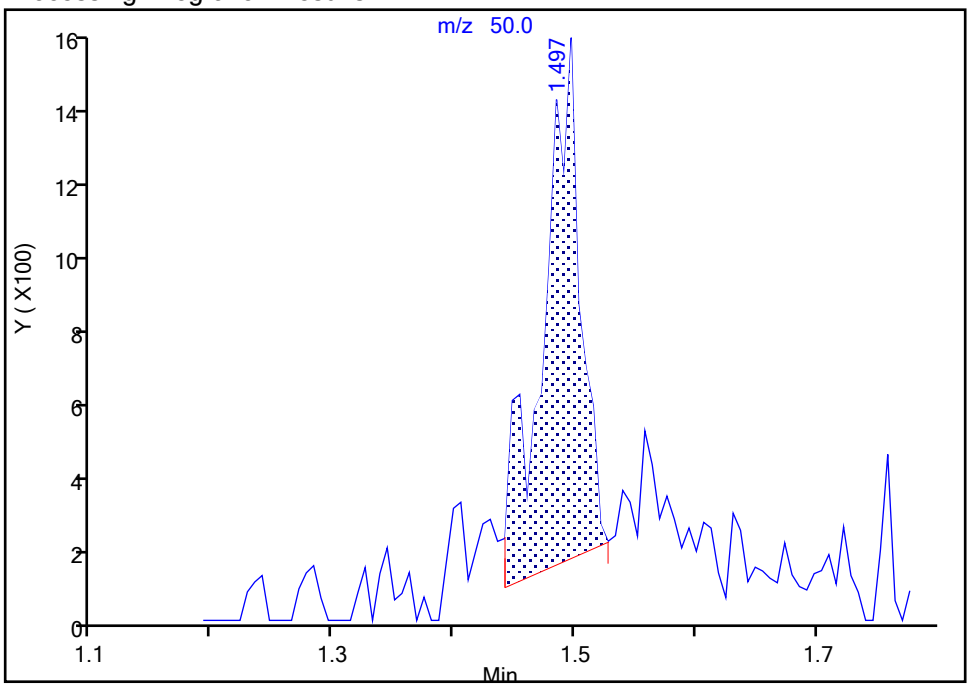
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

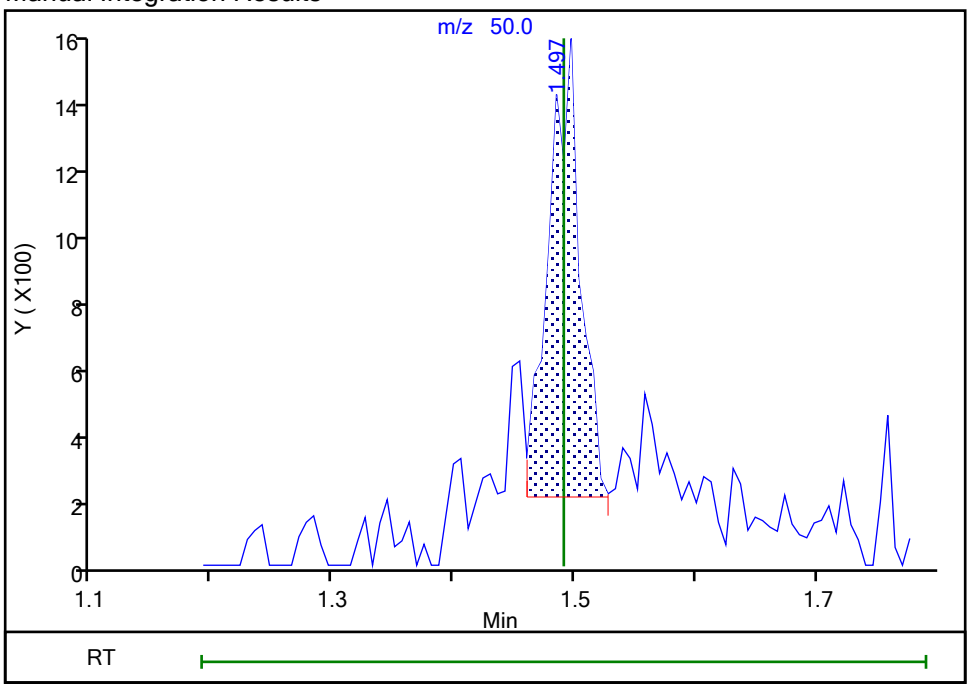
Processing Integration Results

RT: 1.50
Area: 2993
Amount: 0.517256
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 2424
Amount: 0.438255
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

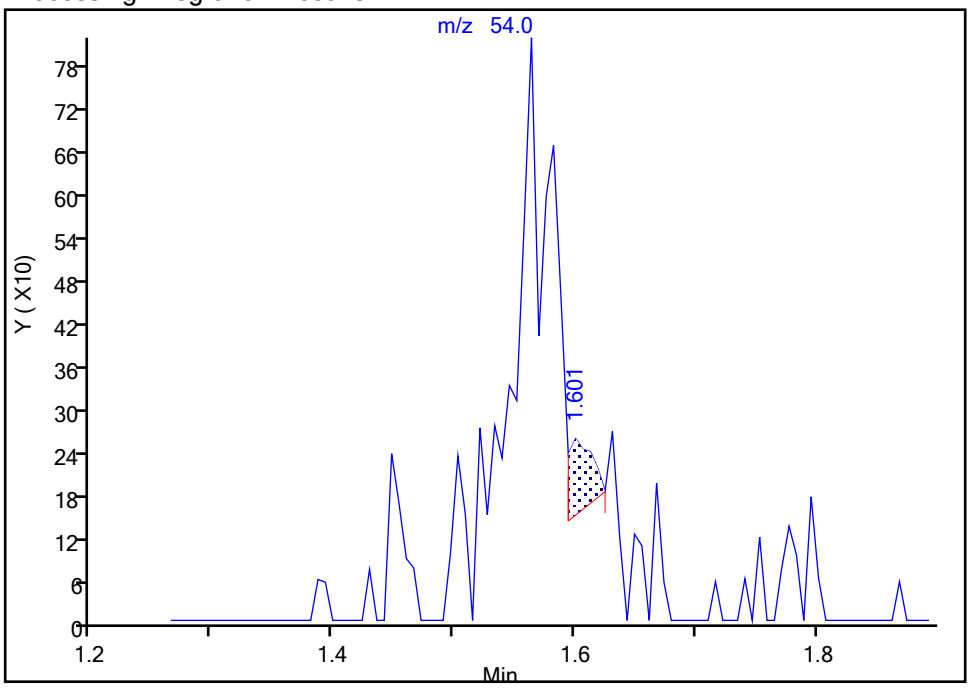
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

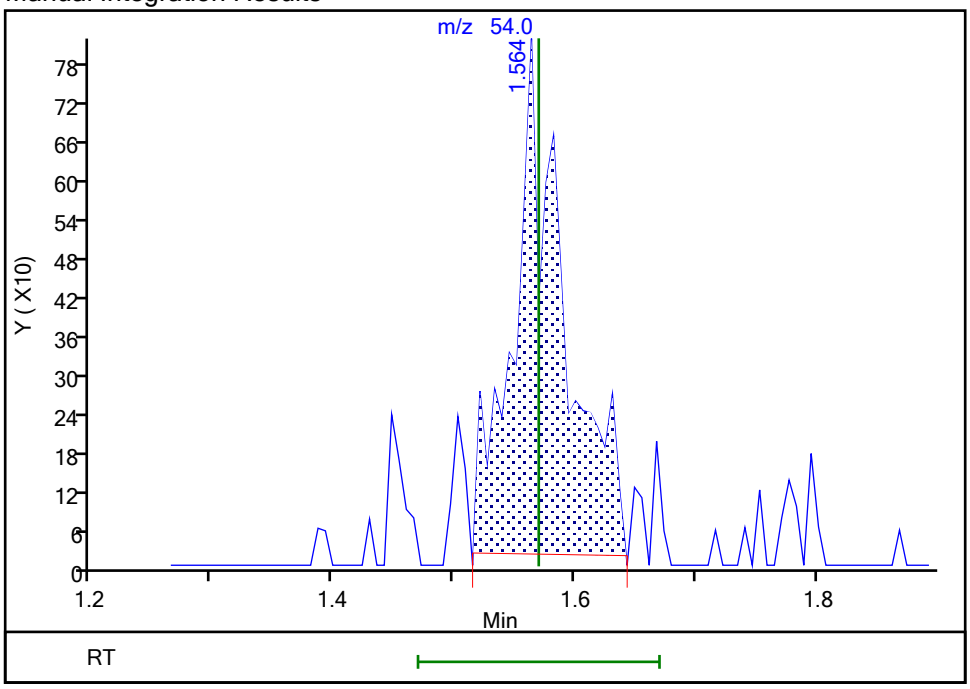
Processing Integration Results

RT: 1.60
Area: 143
Amount: 0.057134
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 2329
Amount: 0.510756
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:39:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

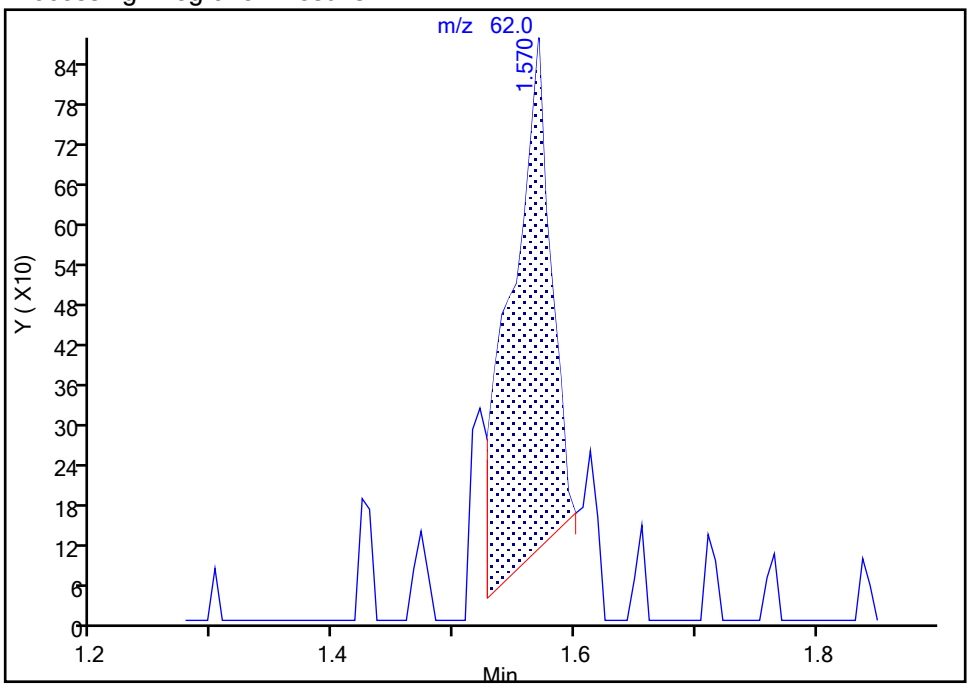
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

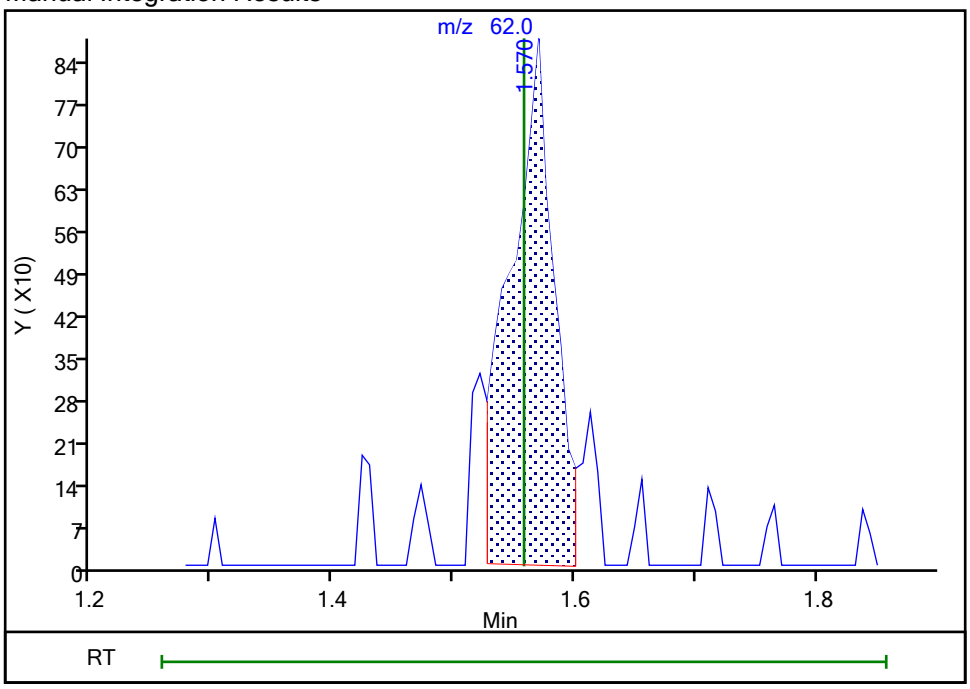
Processing Integration Results

RT: 1.57
Area: 1784
Amount: 0.356862
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 2236
Amount: 0.460613
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:53:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

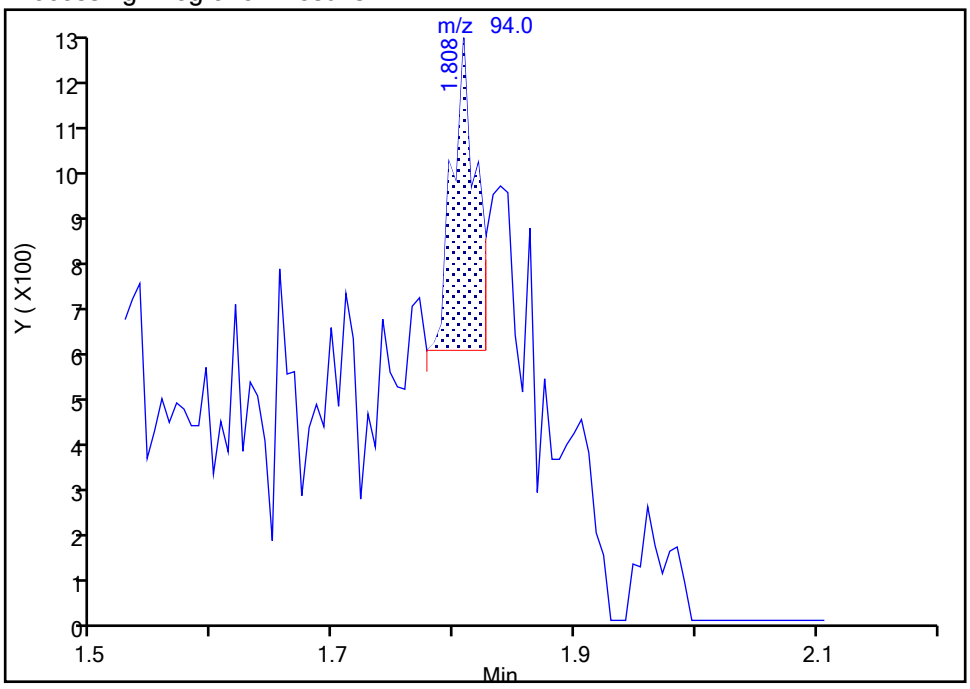
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

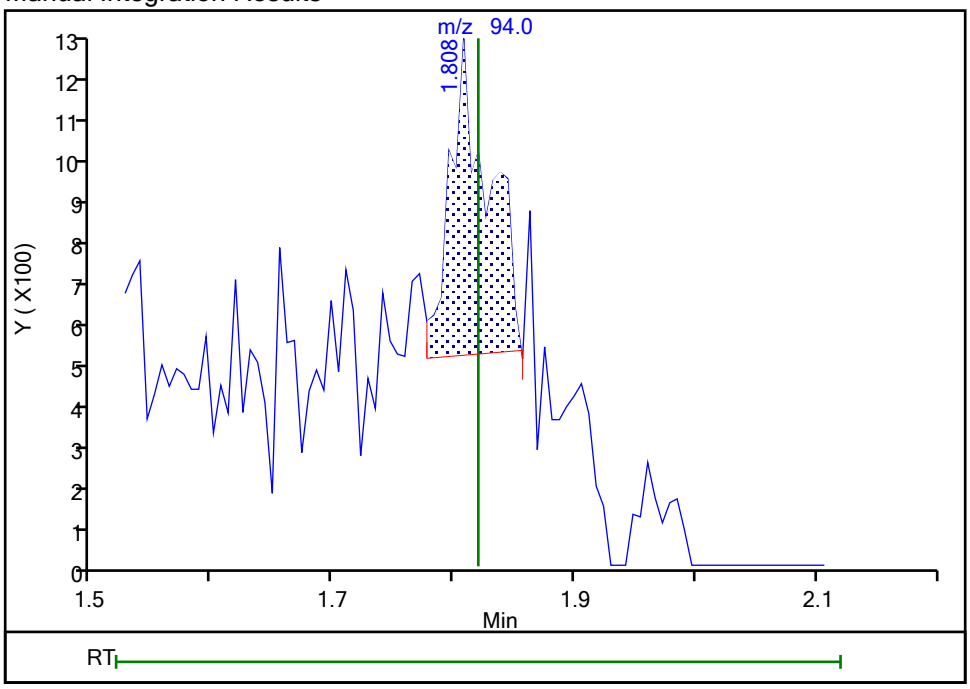
Processing Integration Results

RT: 1.81
Area: 901
Amount: 0.253556
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 1656
Amount: 0.483331
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:37:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

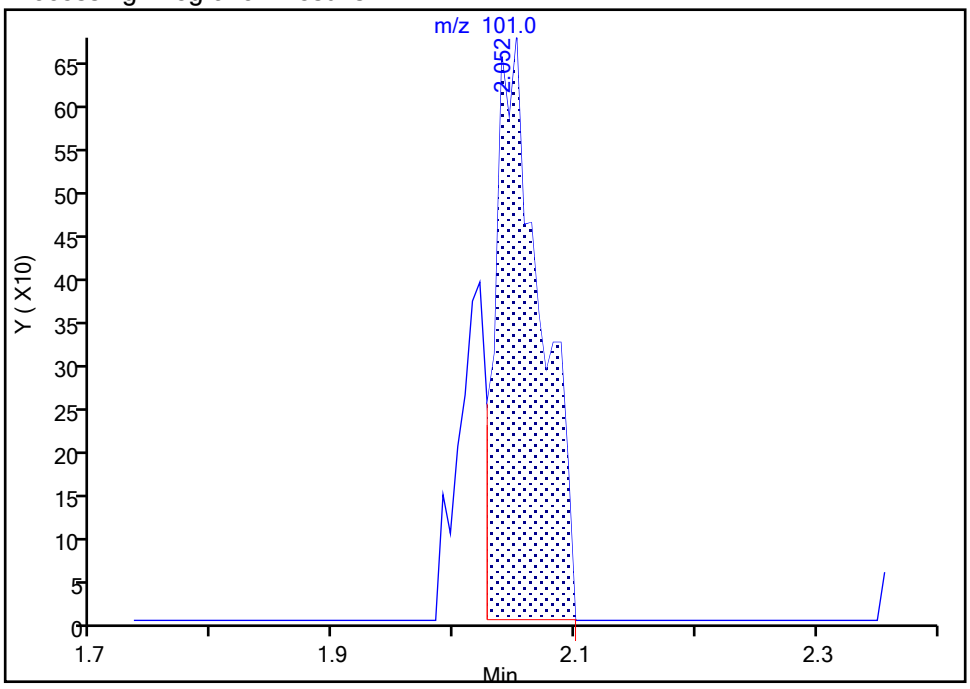
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

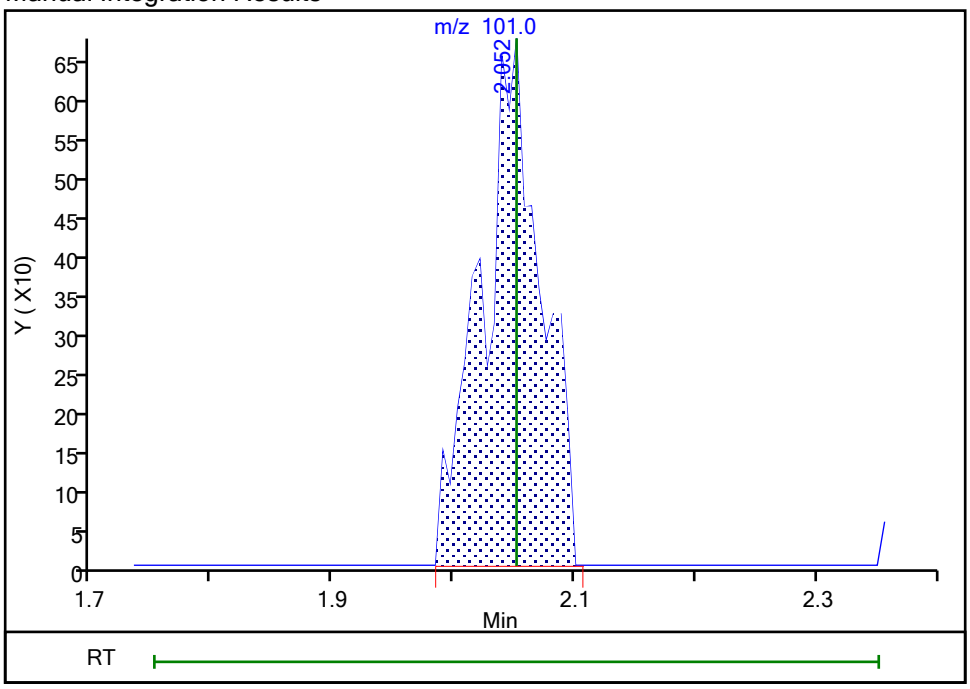
Processing Integration Results

RT: 2.05
Area: 1780
Amount: 0.395744
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 2320
Amount: 0.472409
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

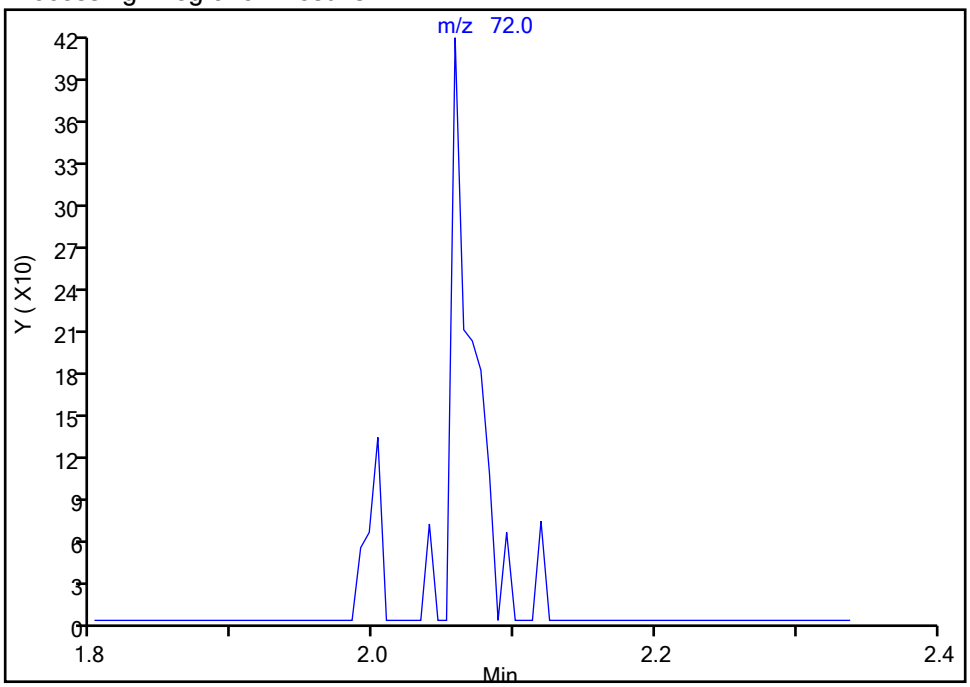
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

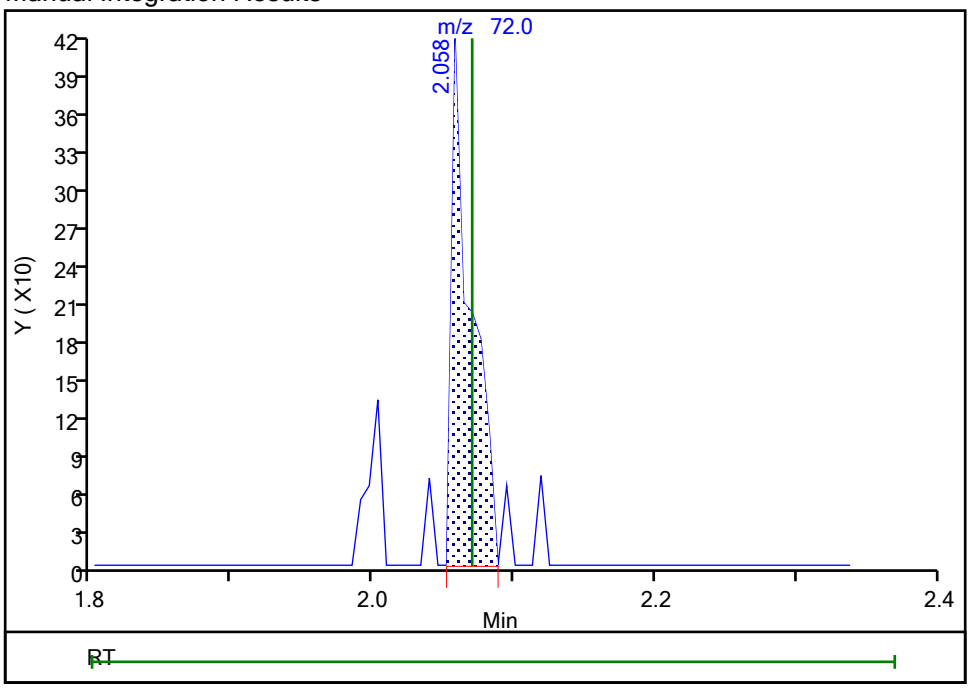
Not Detected
Expected RT: 2.07

Processing Integration Results



Manual Integration Results

RT: 2.06
Area: 406
Amount: 0.700949
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

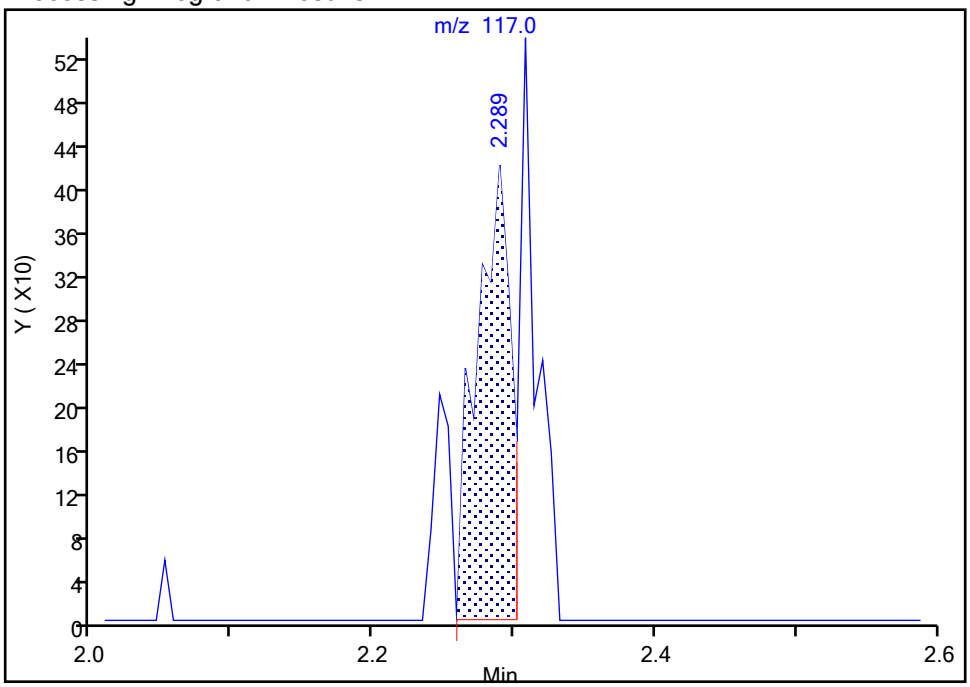
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

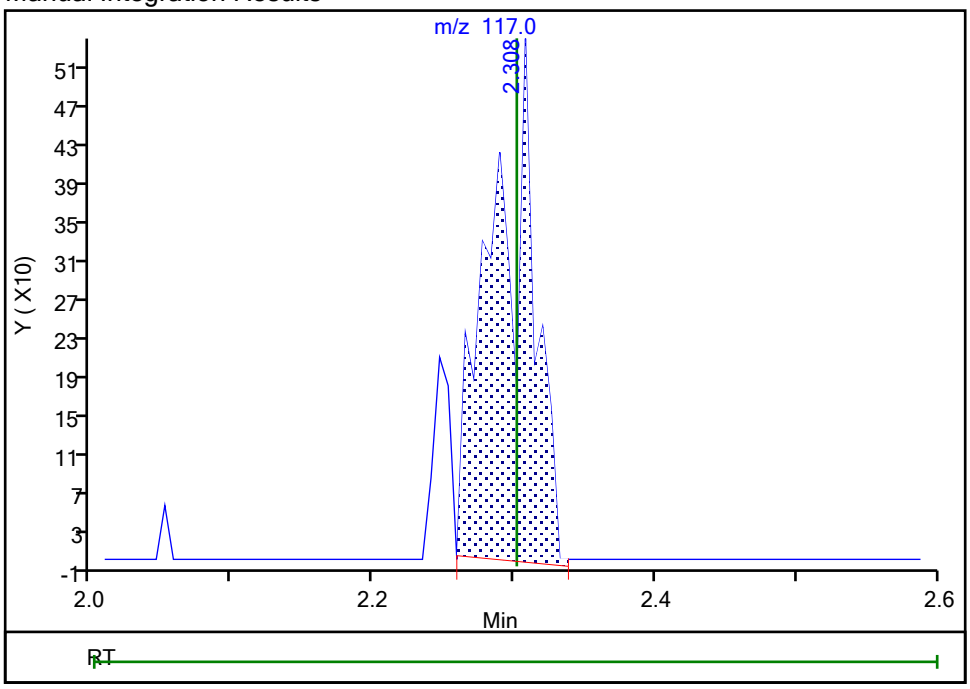
Processing Integration Results

RT: 2.29
Area: 705
Amount: 0.285347
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 1121
Amount: 0.362197
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

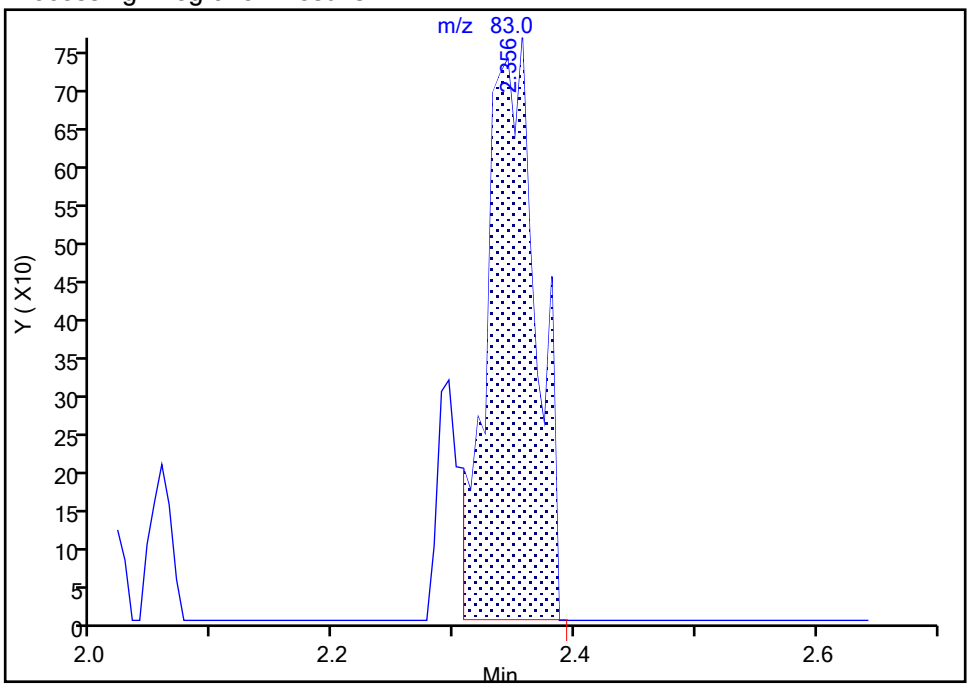
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

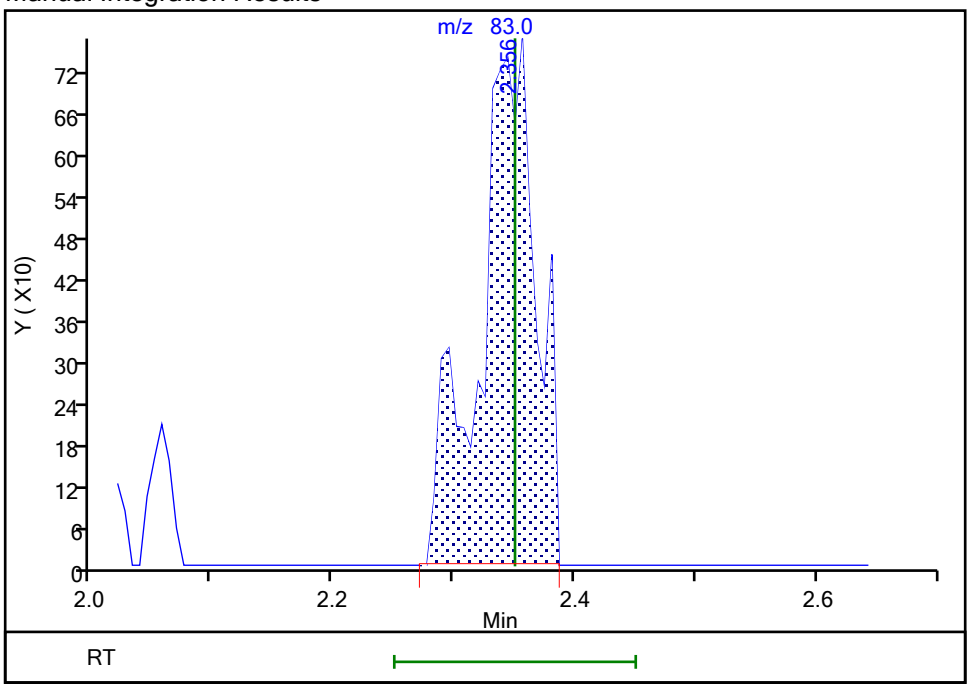
Processing Integration Results

RT: 2.36
Area: 2182
Amount: 0.400785
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 2510
Amount: 0.459866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

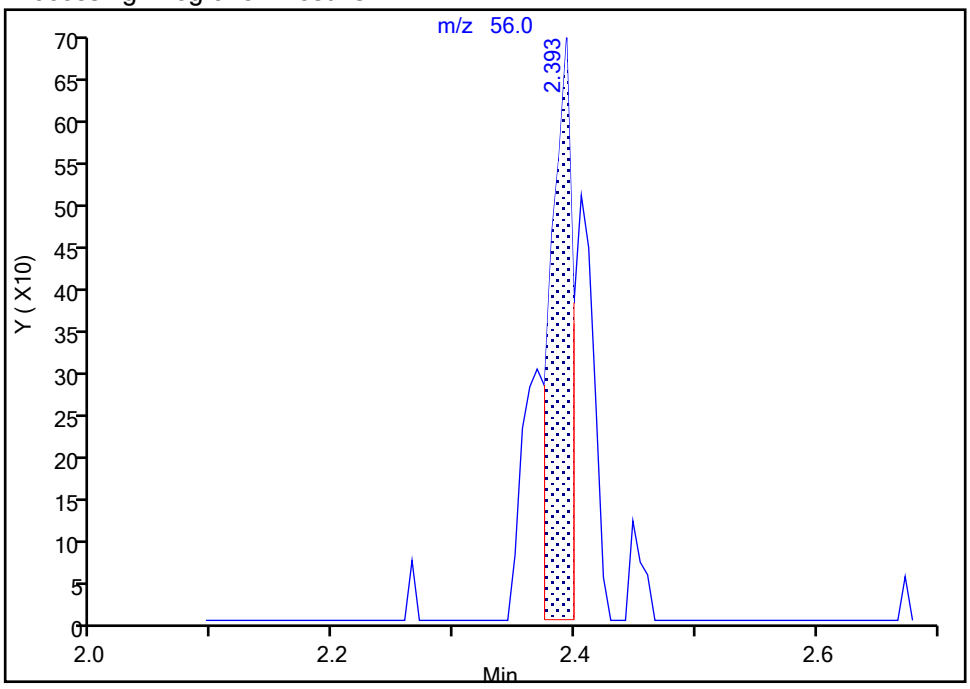
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

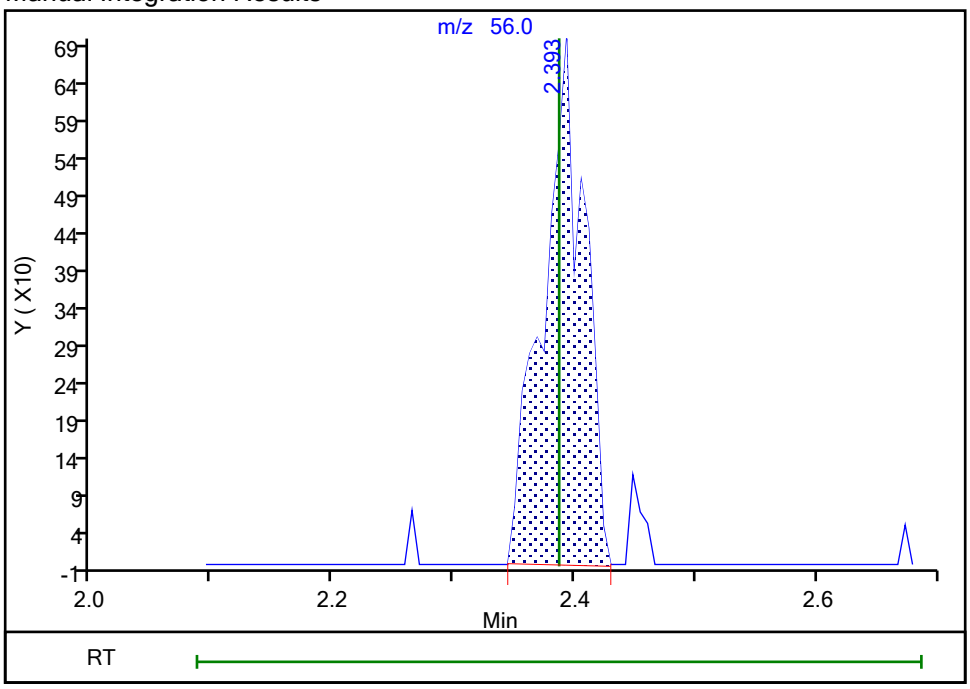
Processing Integration Results

RT: 2.39
Area: 862
Amount: 1.625985
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 1645
Amount: 2.492636
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

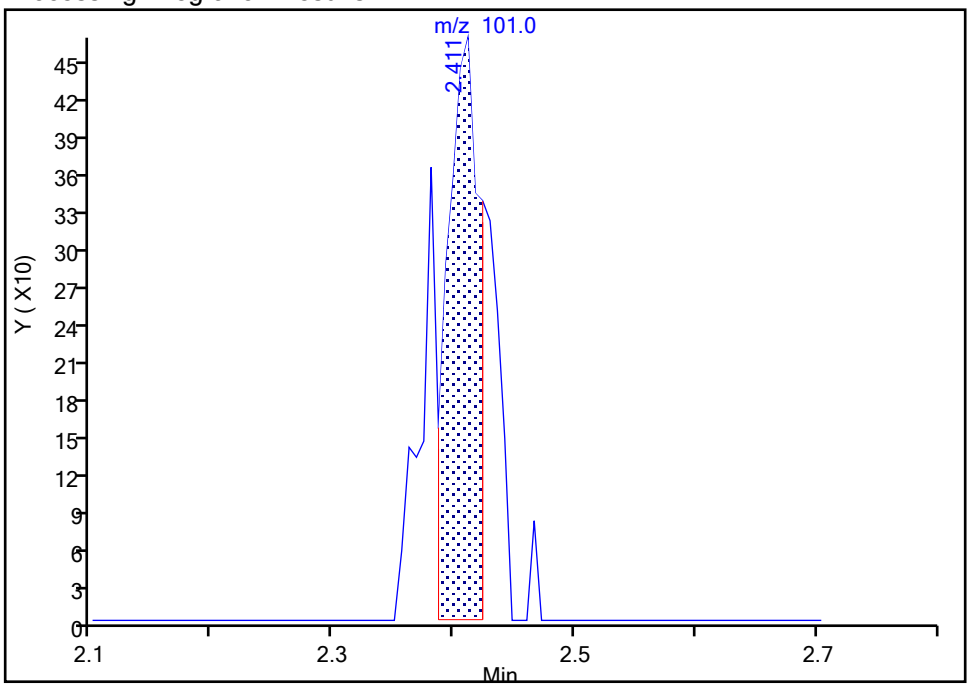
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

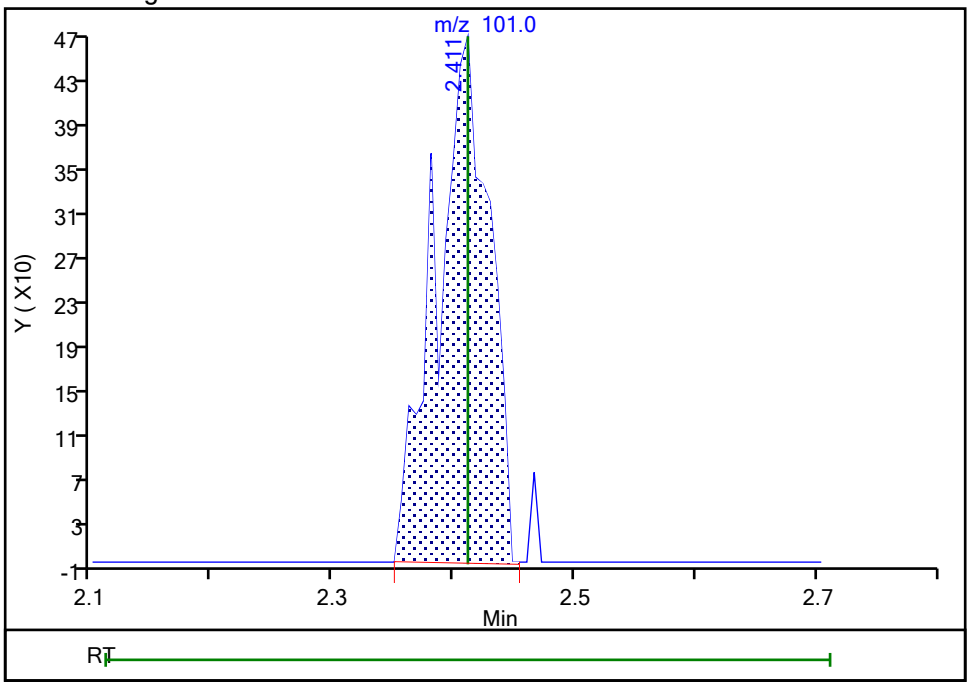
Processing Integration Results

RT: 2.41
Area: 873
Amount: 0.293944
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1440
Amount: 0.483302
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:54:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

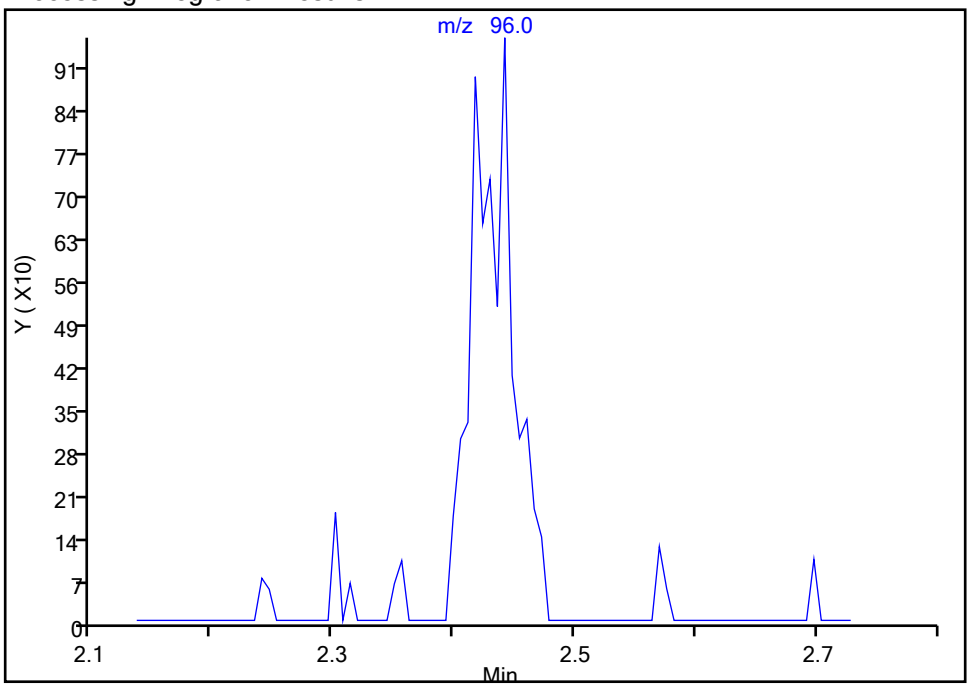
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

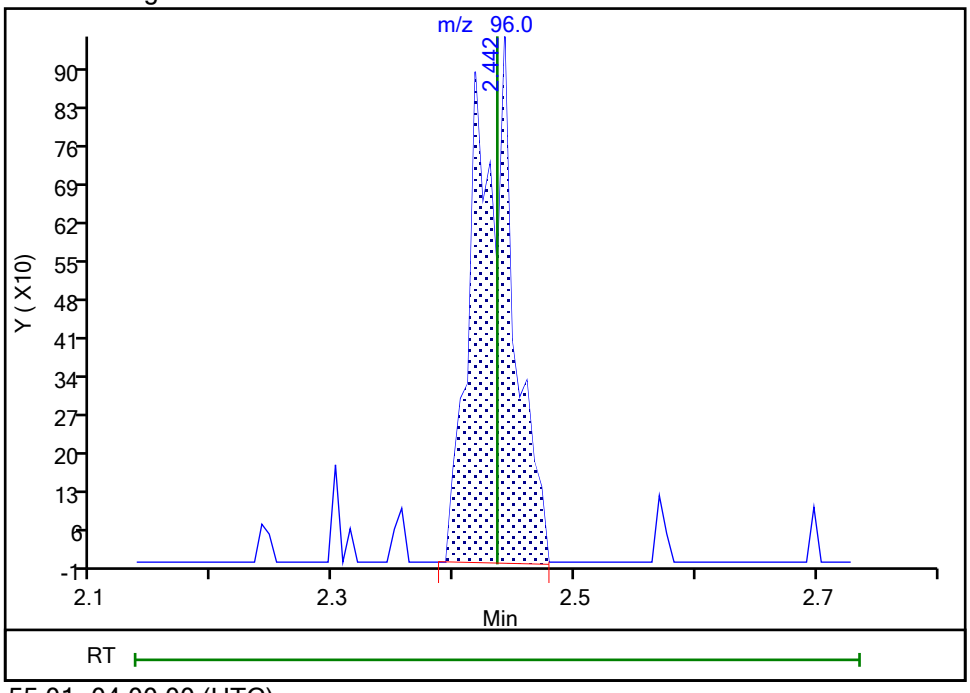
Not Detected
Expected RT: 2.44

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 2158
Amount: 0.594833
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

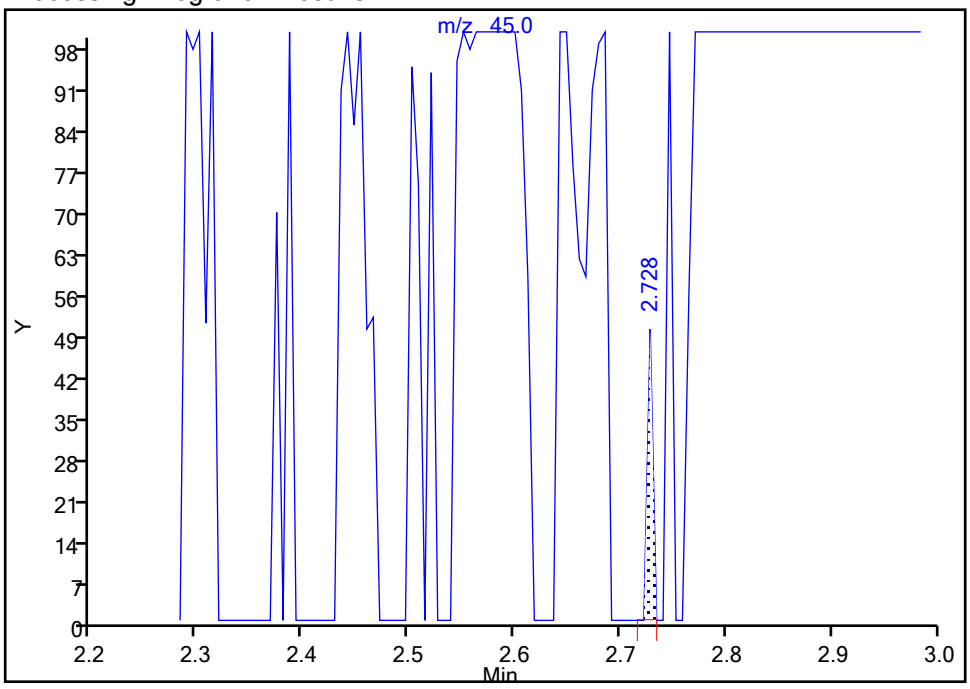
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

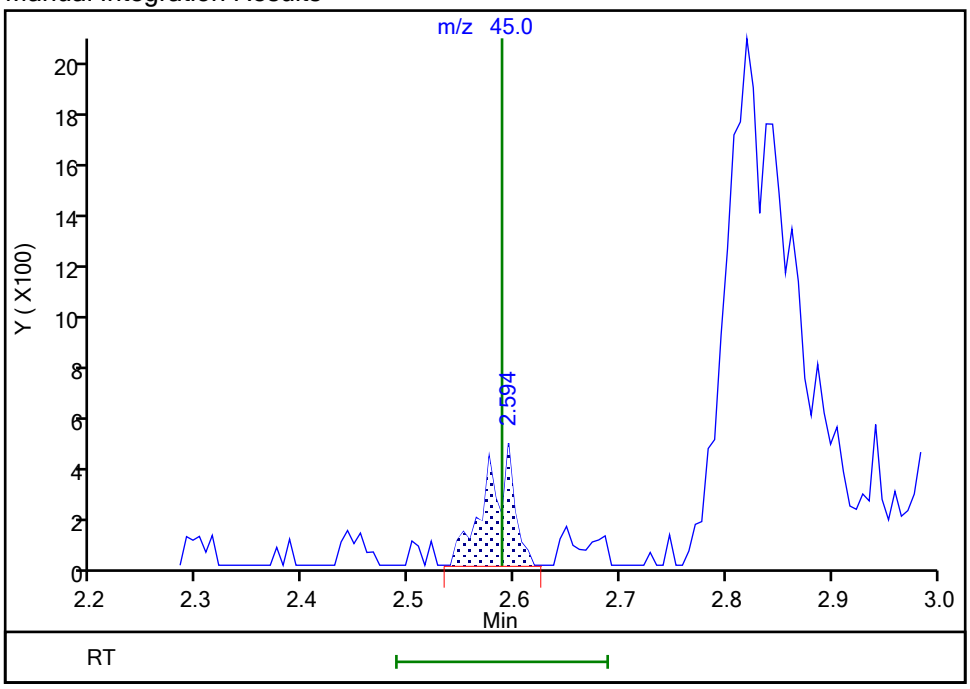
Processing Integration Results

RT: 2.73
Area: 18
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 880
Amount: 5.300947
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:01:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

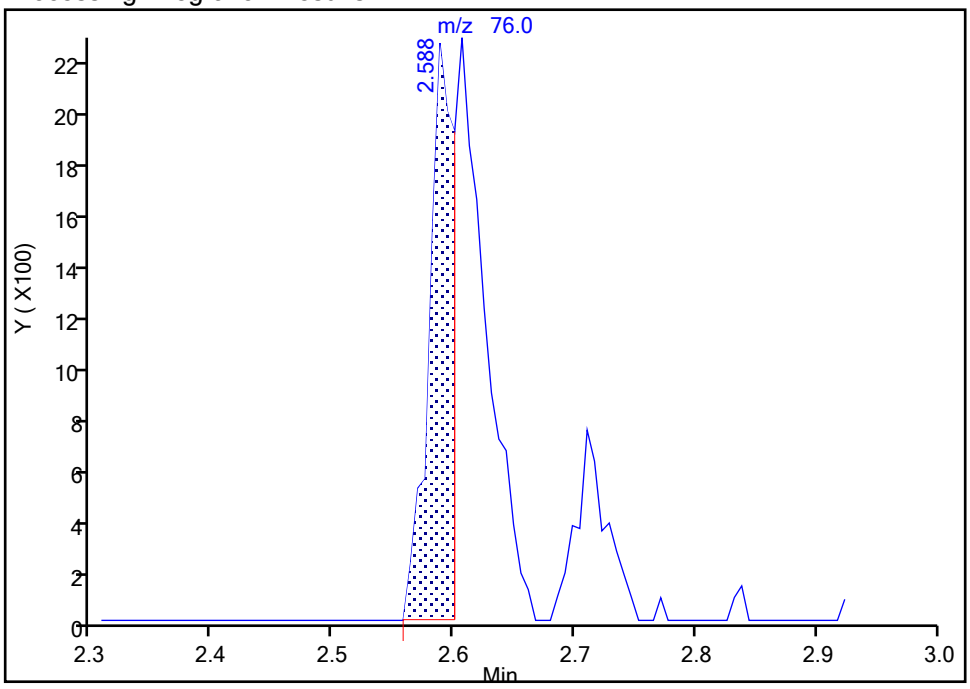
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

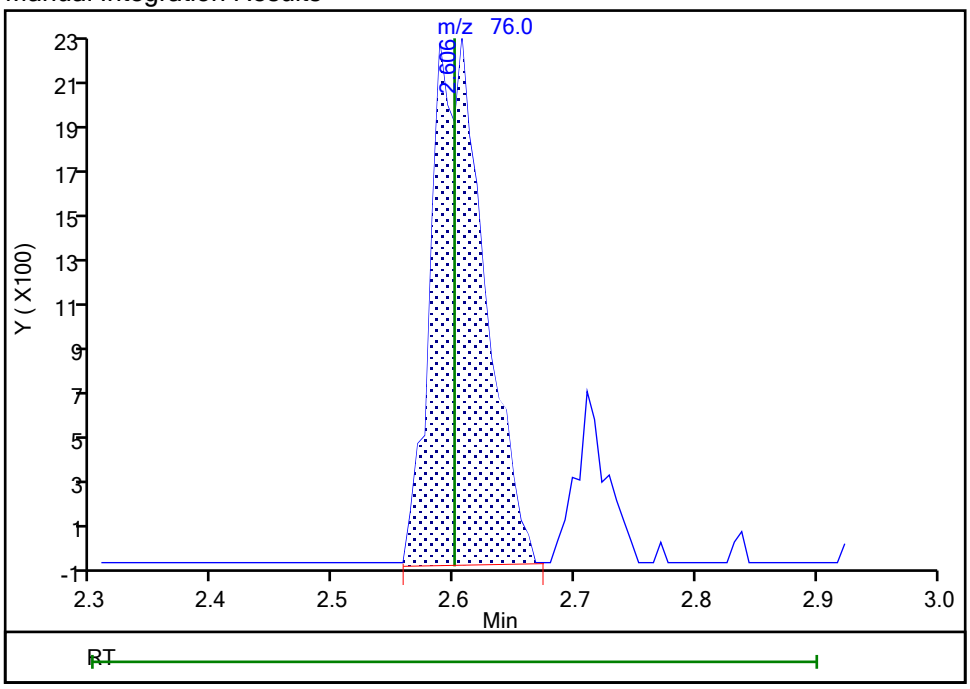
Processing Integration Results

RT: 2.59
Area: 3194
Amount: 0.236643
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 6783
Amount: 0.523030
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

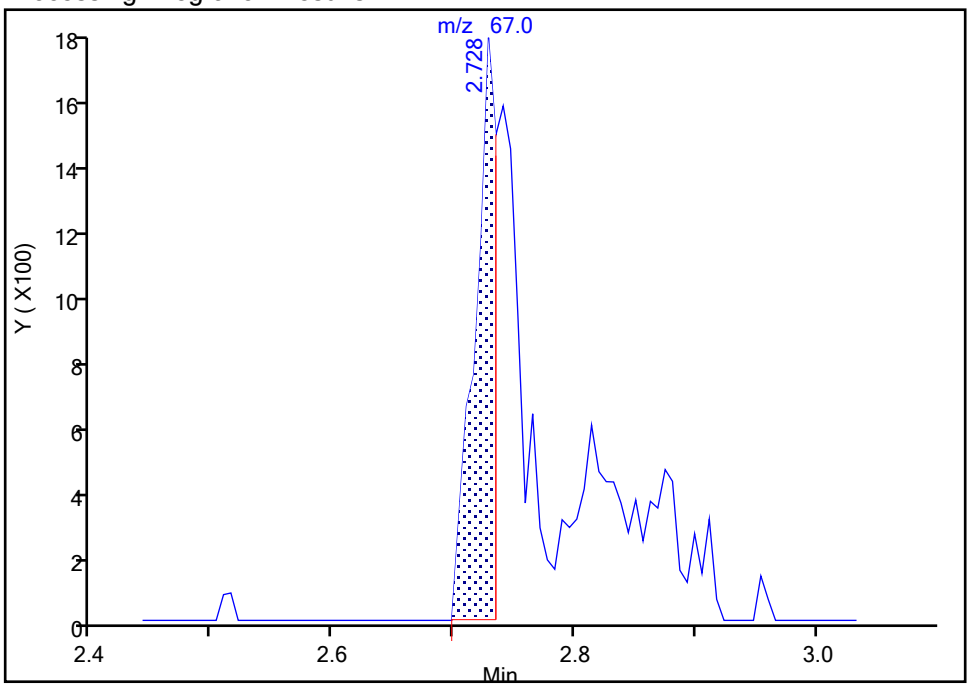
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

28 Cyclopentene, CAS: 142-29-0

Signal: 1

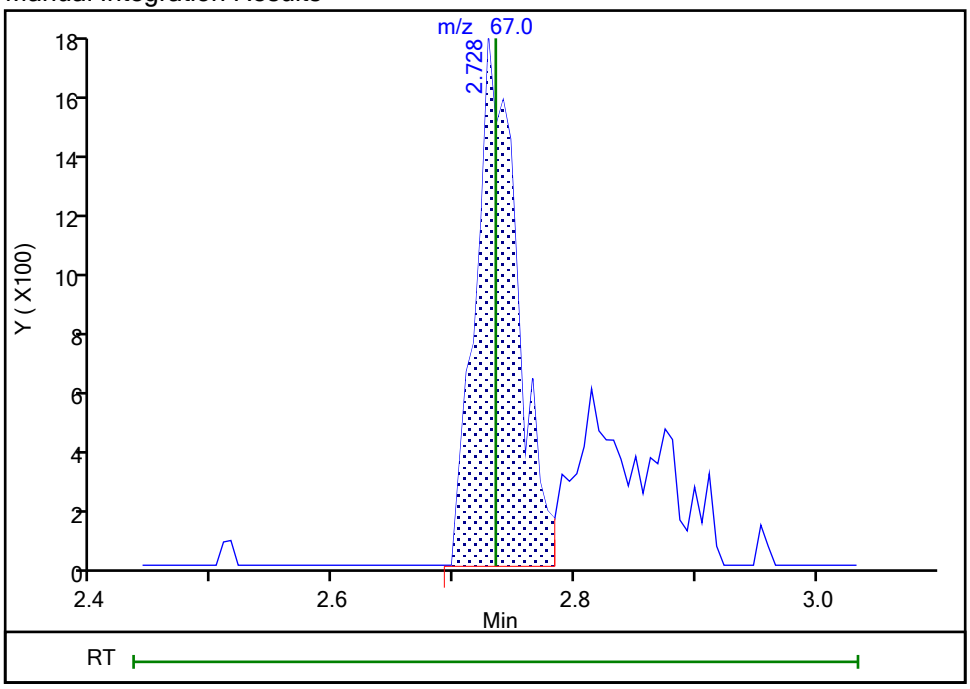
Processing Integration Results

RT: 2.73
Area: 2206
Amount: 0.293173
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 4195
Amount: 0.550701
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

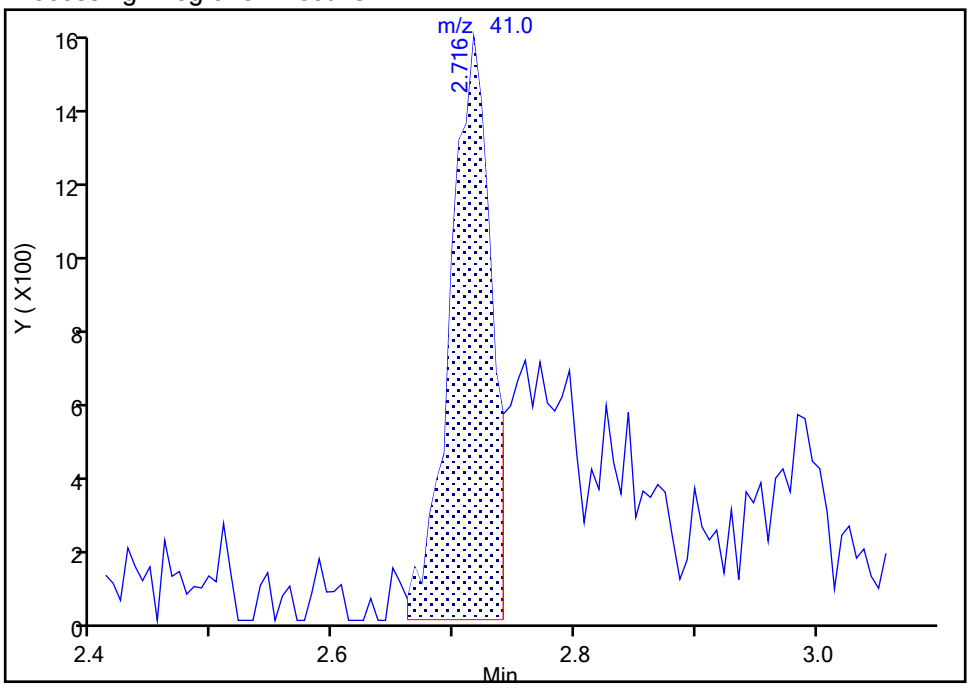
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

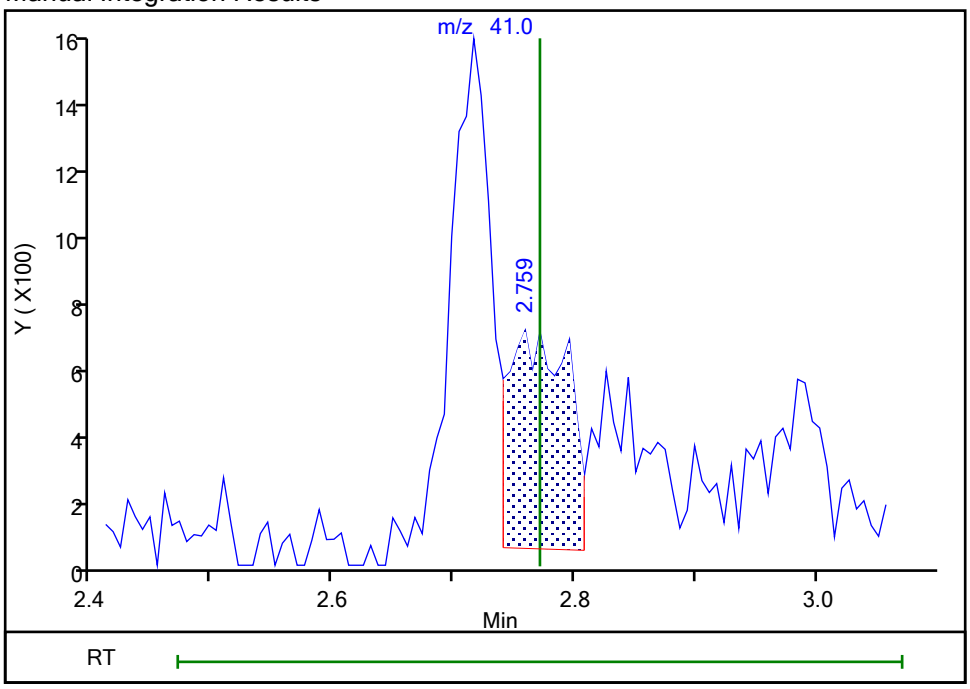
Processing Integration Results

RT: 2.72
Area: 3841
Amount: 6.194849
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 2358
Amount: 4.789629
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:42:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

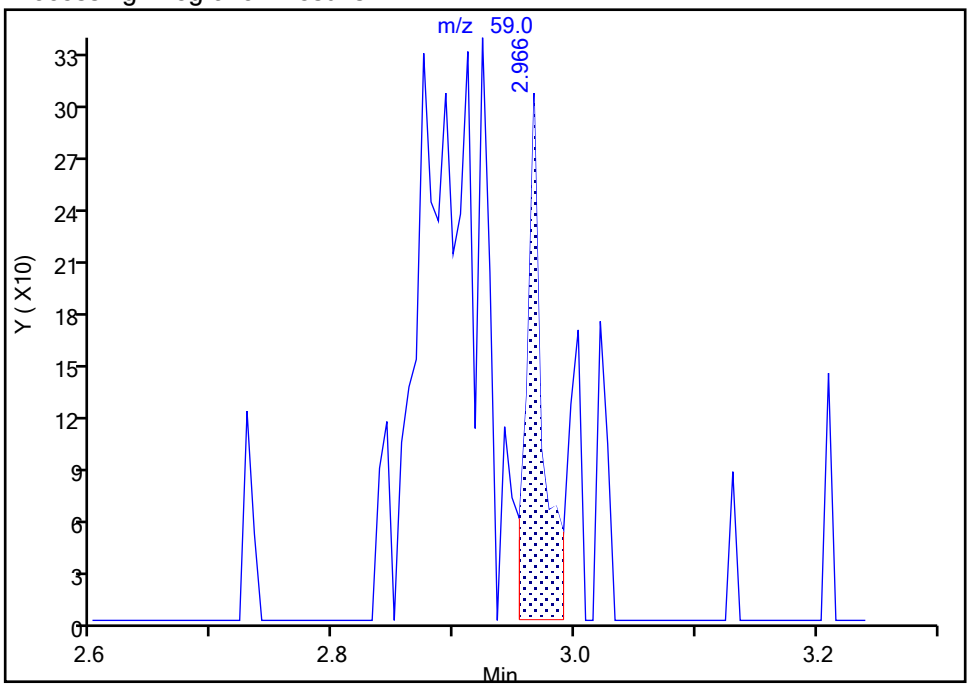
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

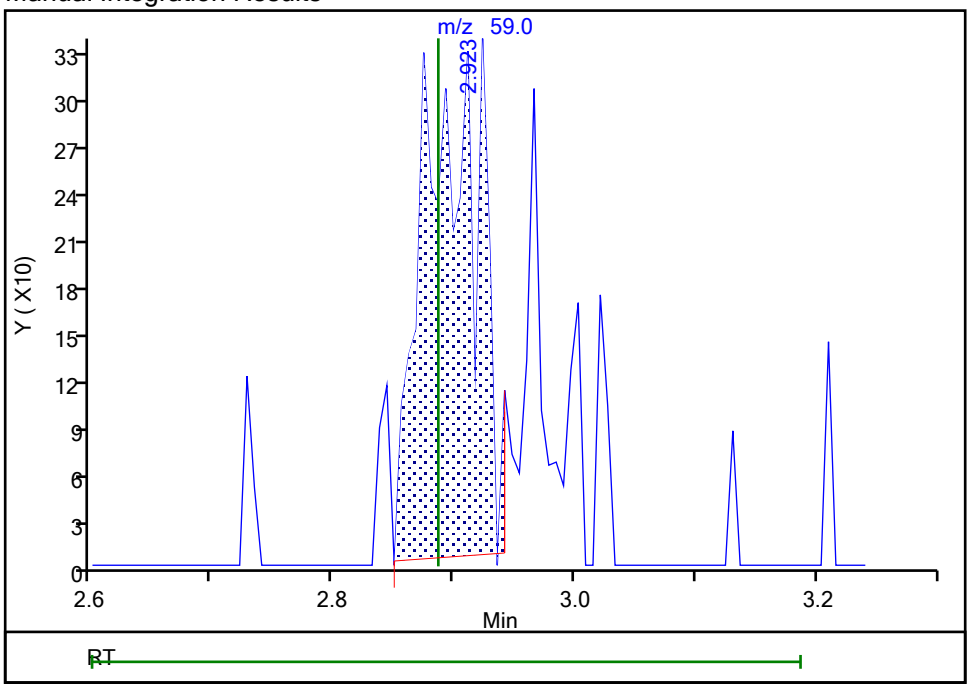
Processing Integration Results

RT: 2.97
Area: 284
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 2.92
Area: 1083
Amount: 4.078774
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

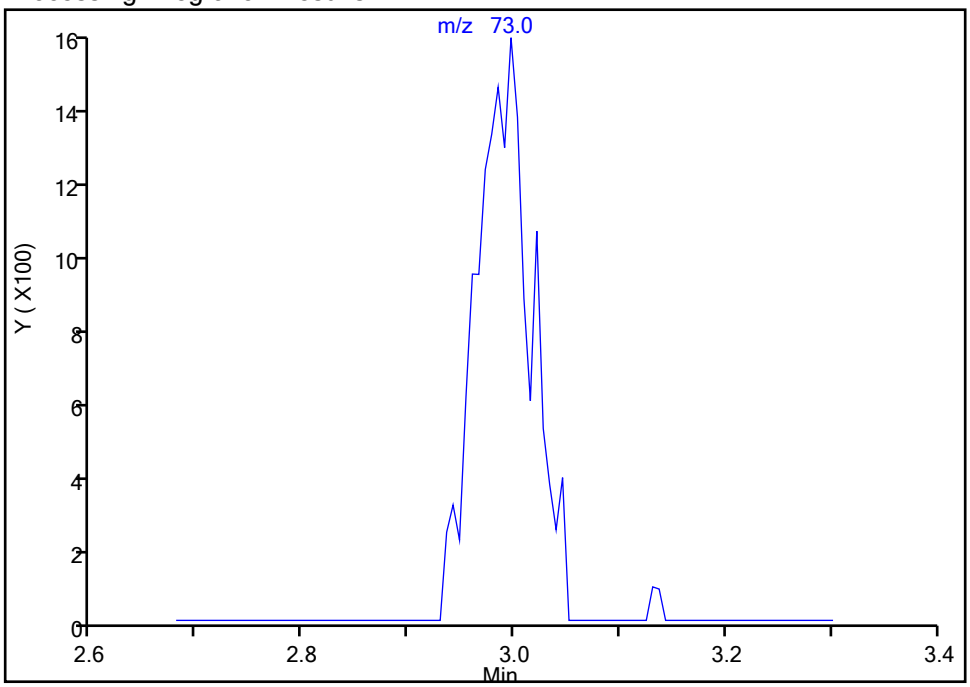
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

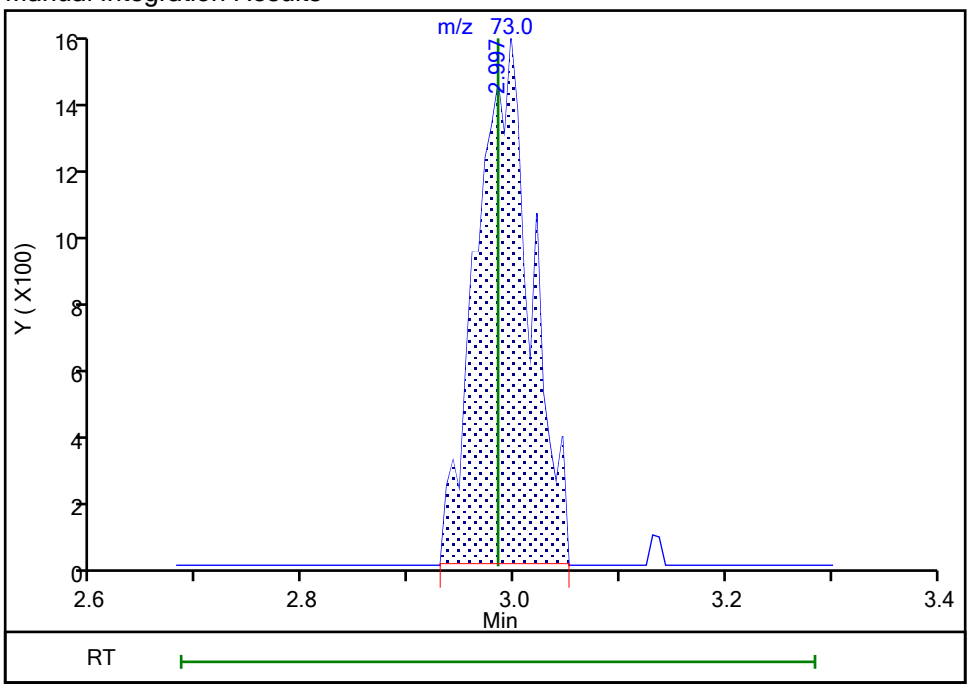
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 3.00
Area: 5738
Amount: 0.512753
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

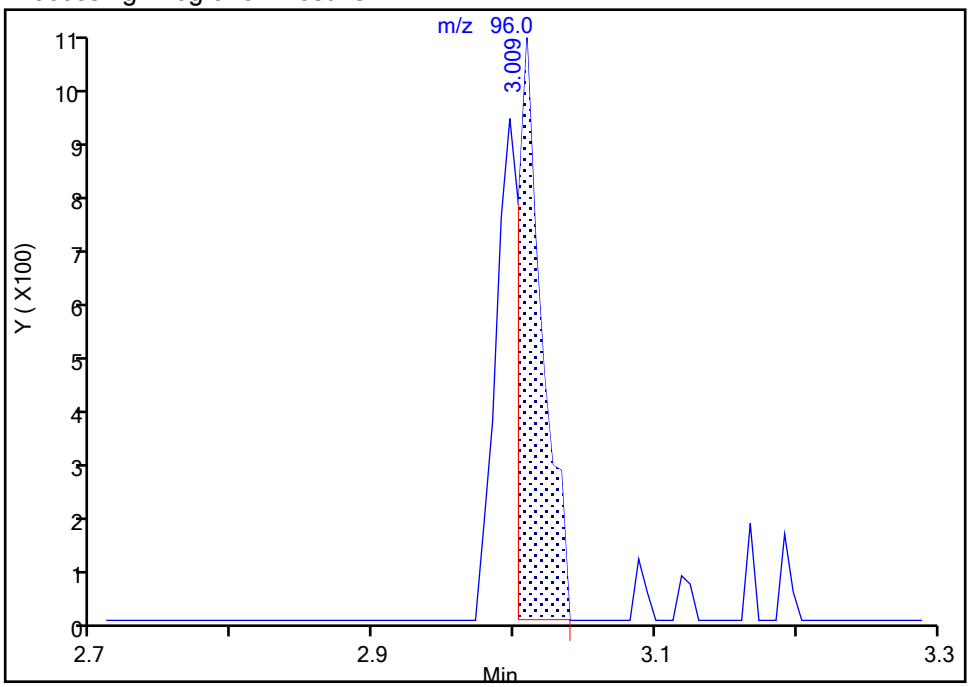
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

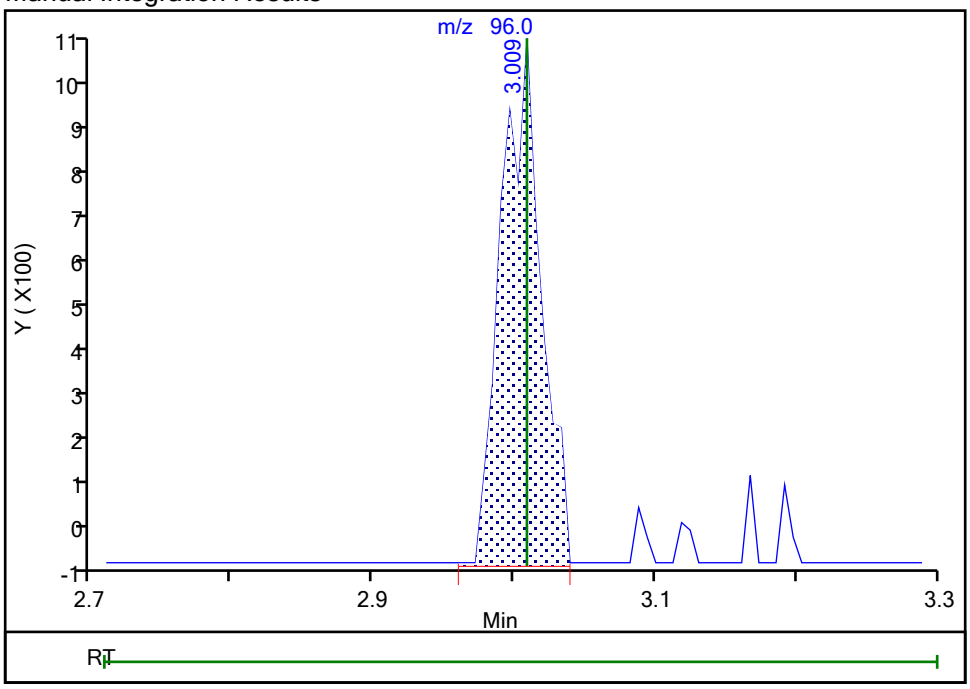
Processing Integration Results

RT: 3.01
Area: 1269
Amount: 0.295935
Amount Units: ug/l



Manual Integration Results

RT: 3.01
Area: 2083
Amount: 0.534093
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

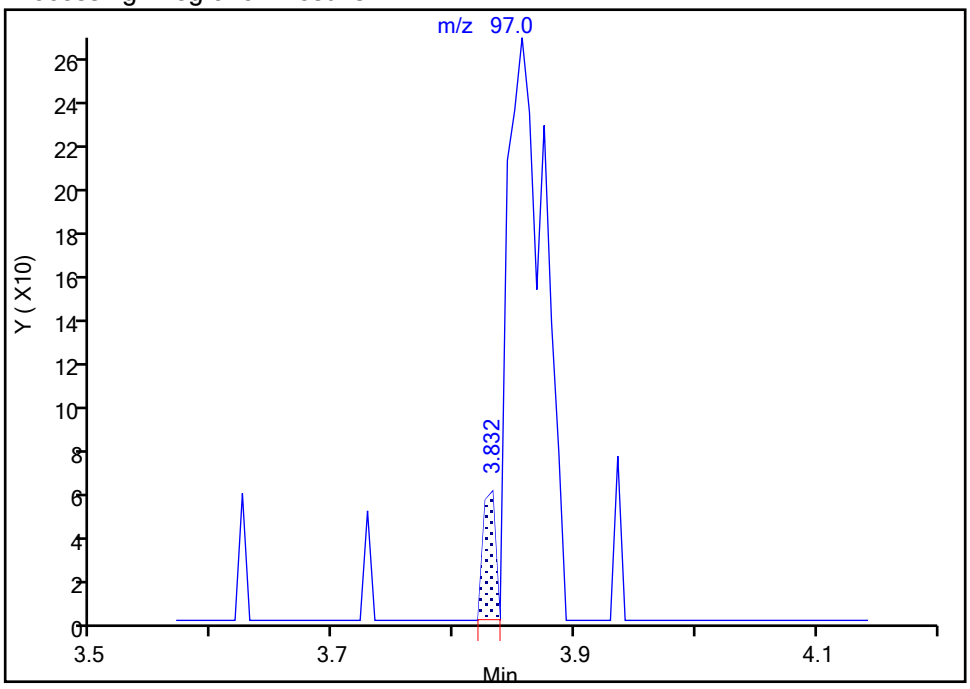
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

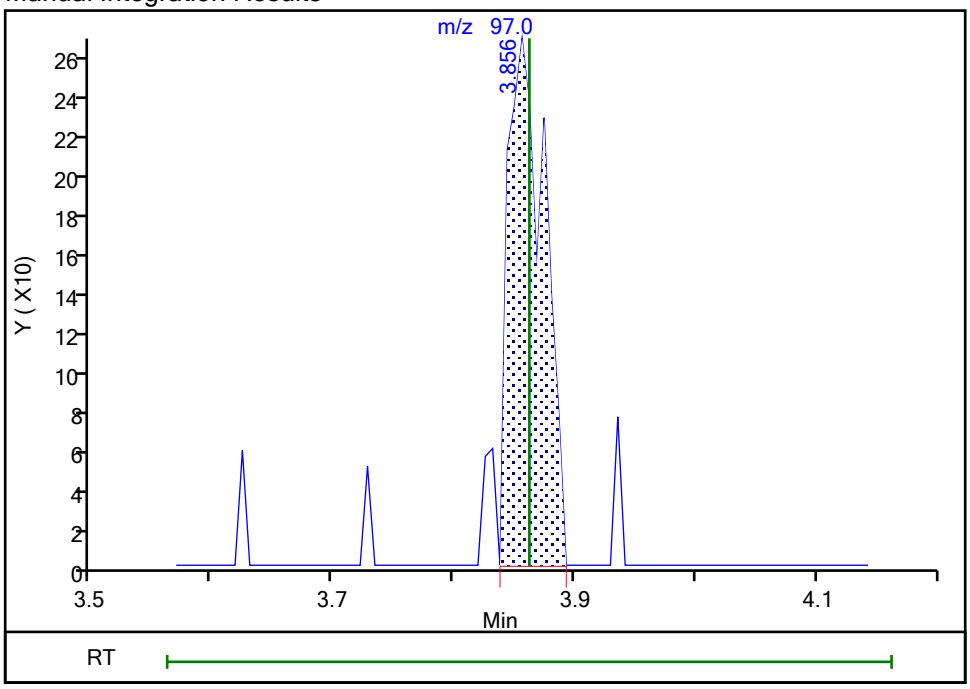
Processing Integration Results

RT: 3.83
Area: 42
Amount: 0.500000
Amount Units: ug/l



Manual Integration Results

RT: 3.86
Area: 560
Amount: 0.504043
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:55:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

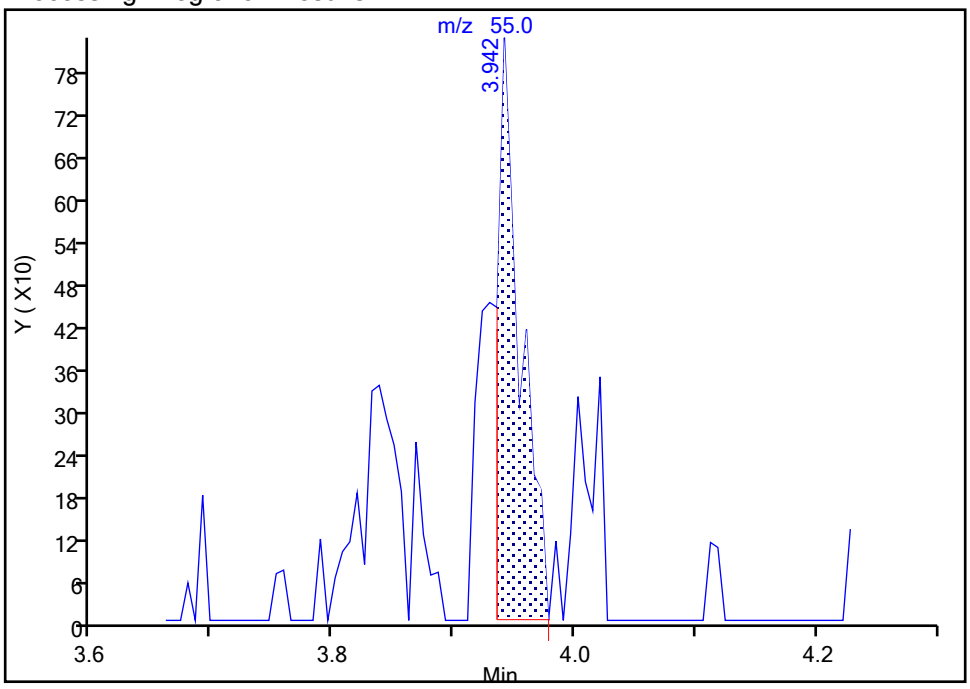
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

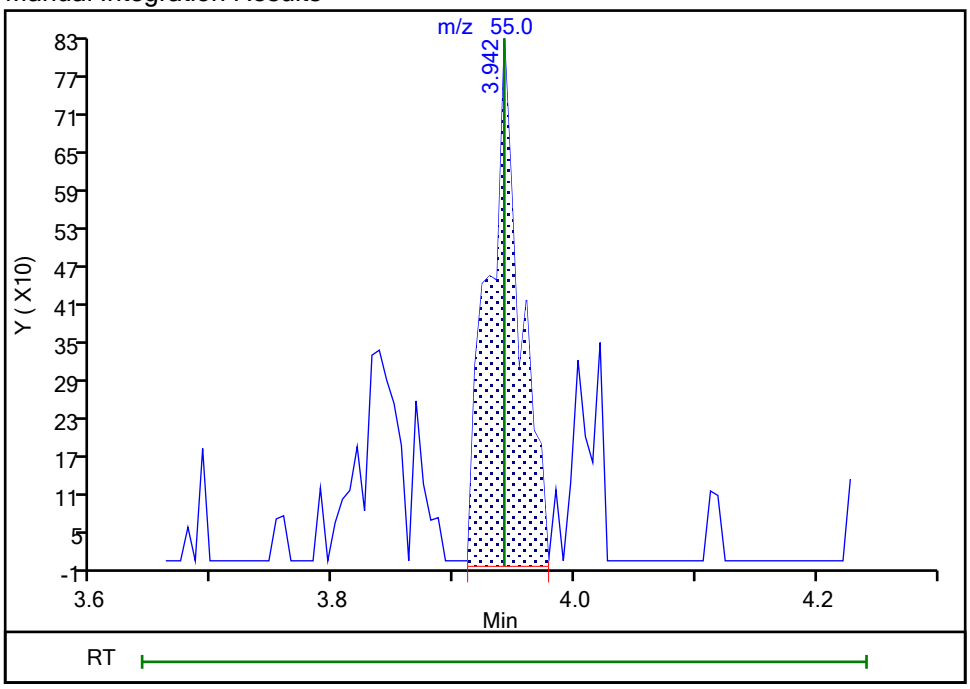
Processing Integration Results

RT: 3.94
Area: 1076
Amount: 0.391390
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 1543
Amount: 0.478318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

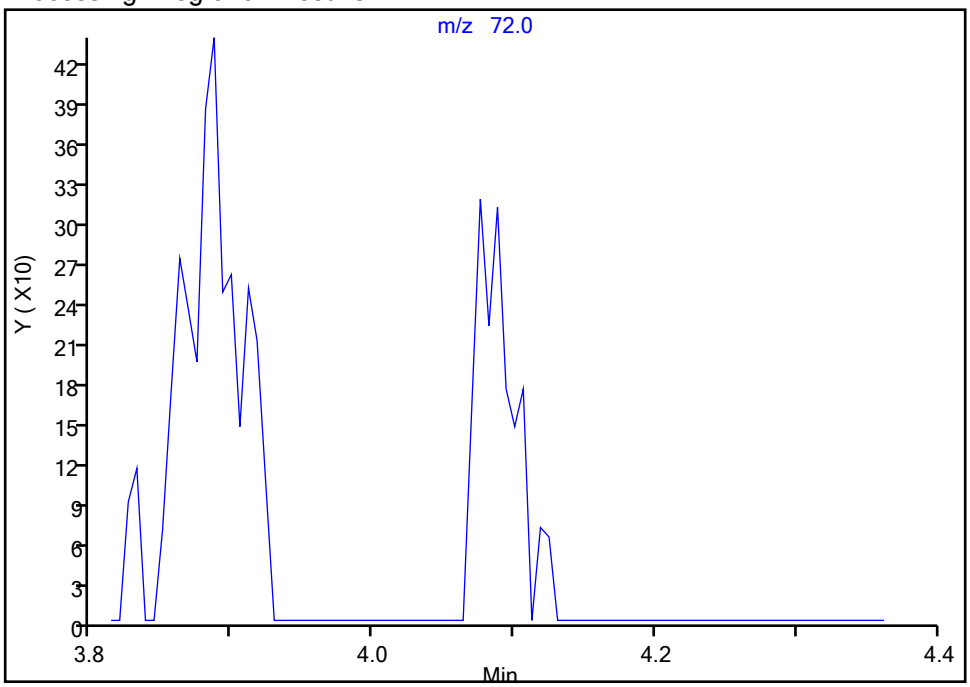
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

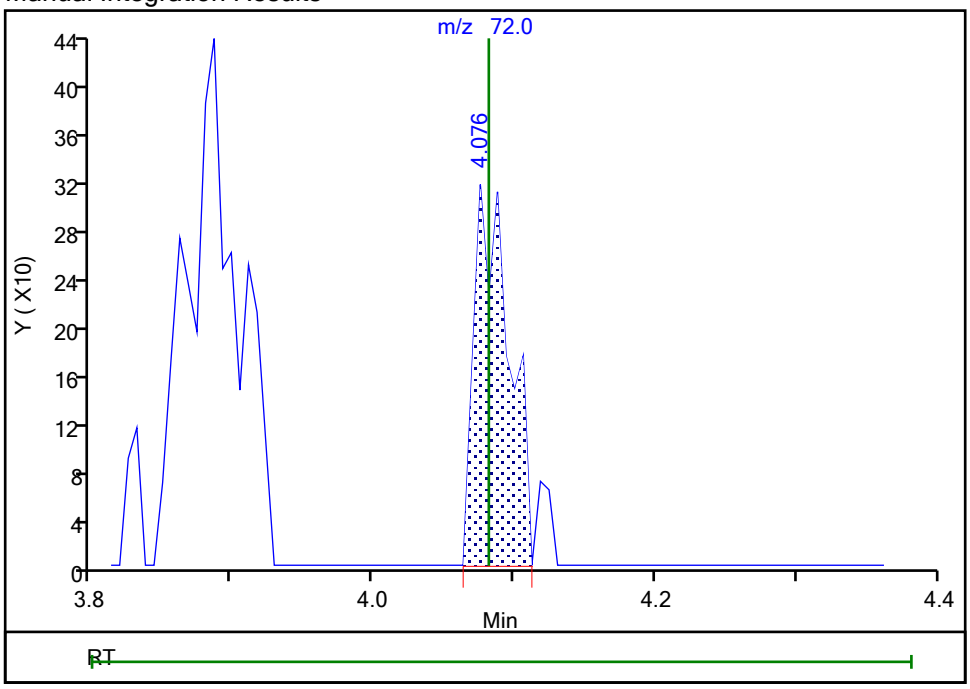
Not Detected
Expected RT: 4.08

Processing Integration Results



Manual Integration Results

RT: 4.08
Area: 543
Amount: 1.089094
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

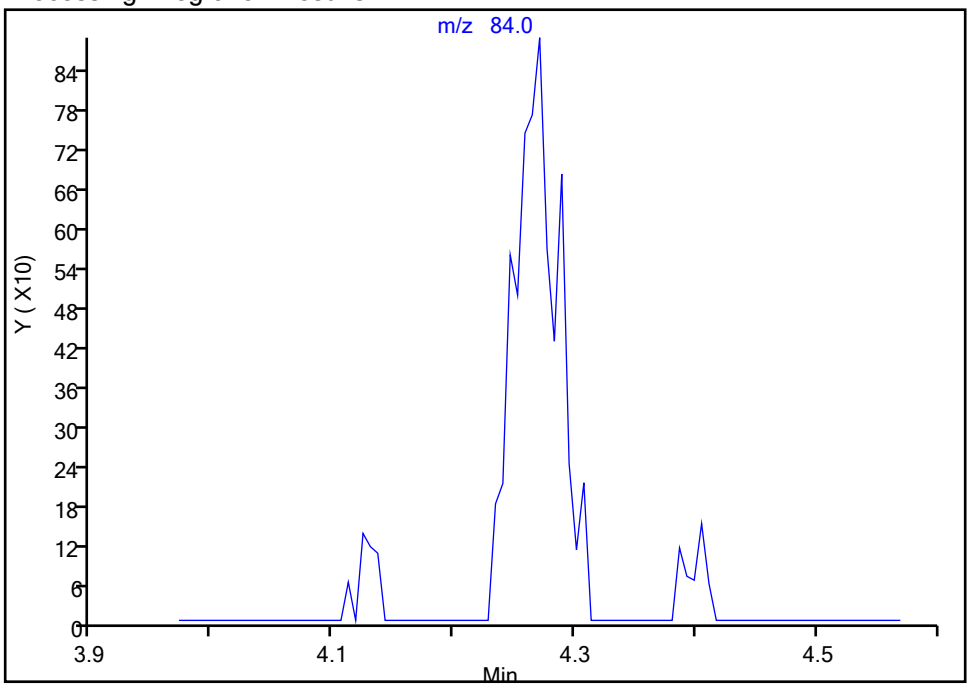
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

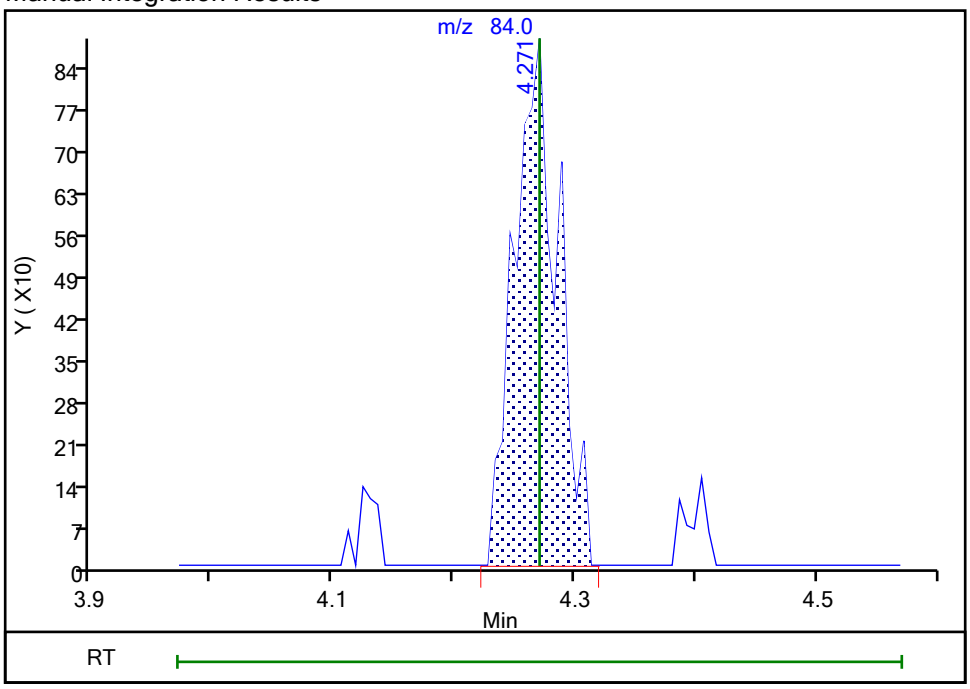
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.27
Area: 2212
Amount: 0.444021
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

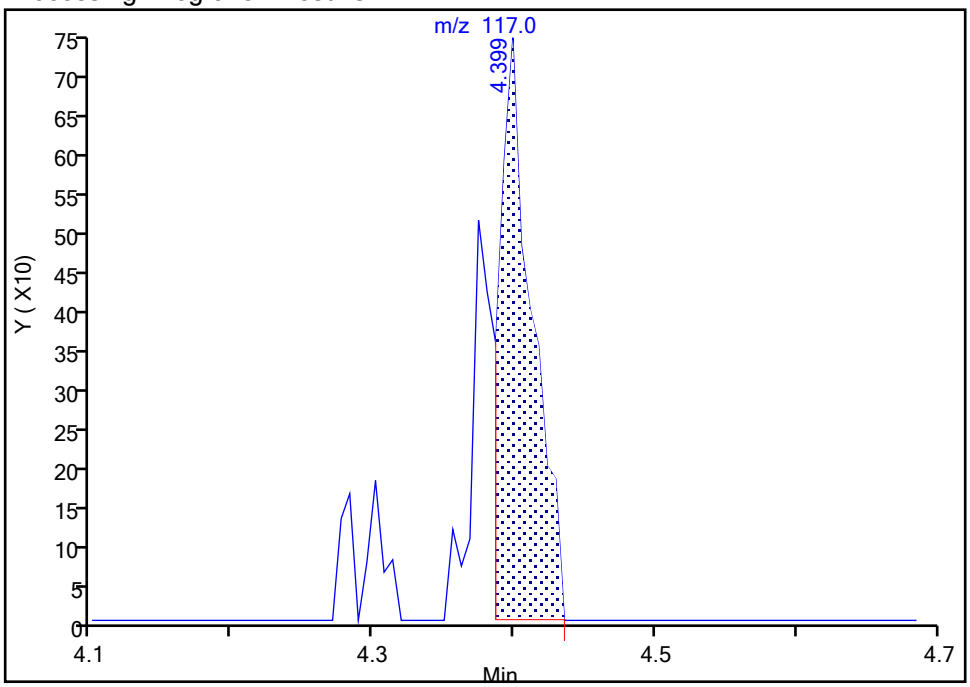
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

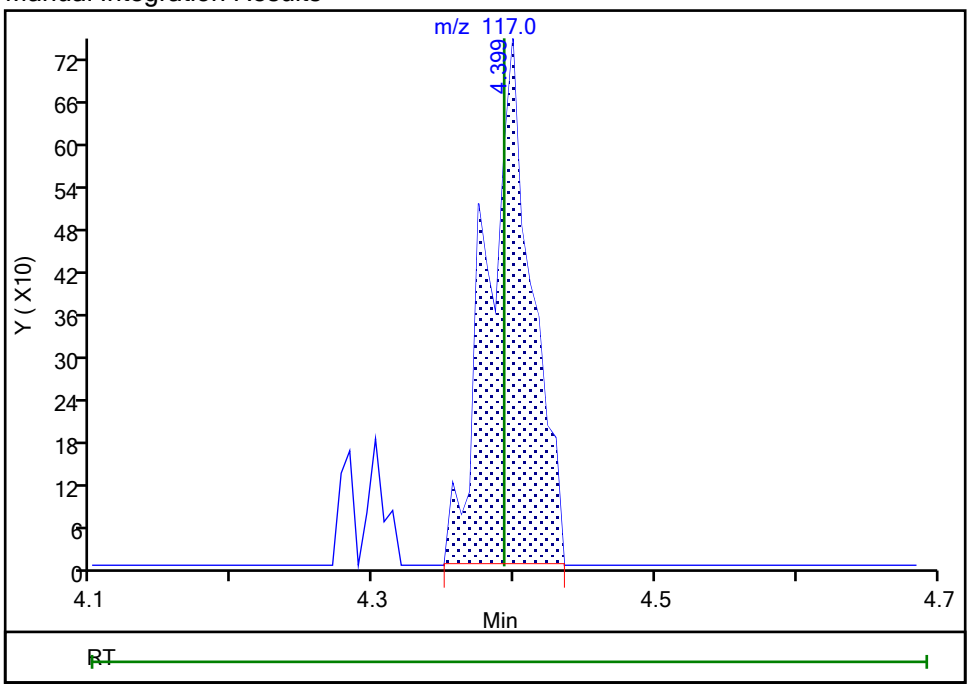
Processing Integration Results

RT: 4.40
Area: 1214
Amount: 0.410149
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 1653
Amount: 0.526950
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

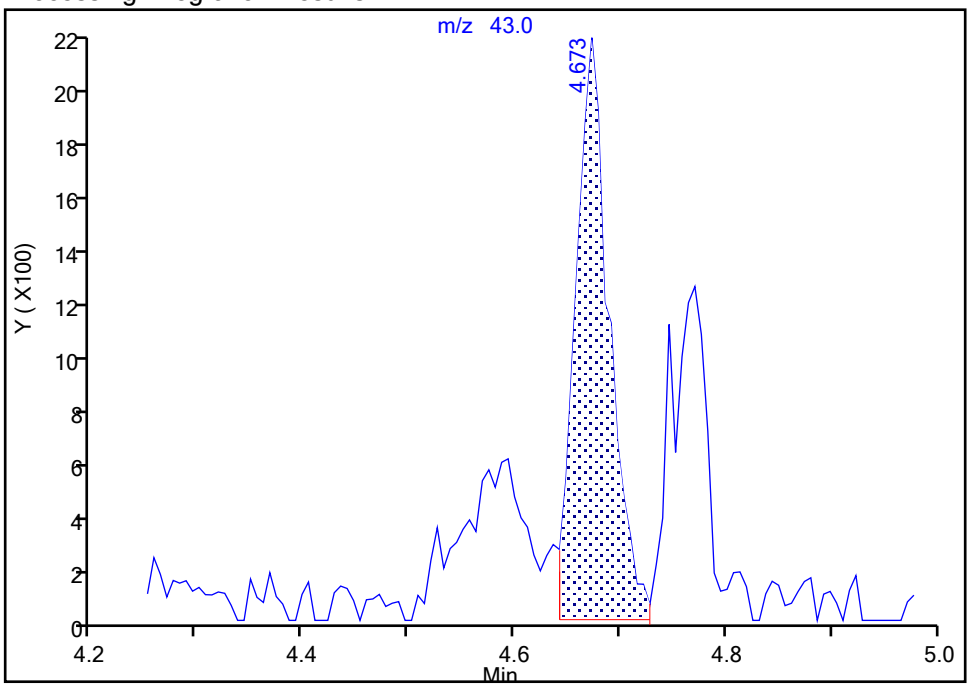
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

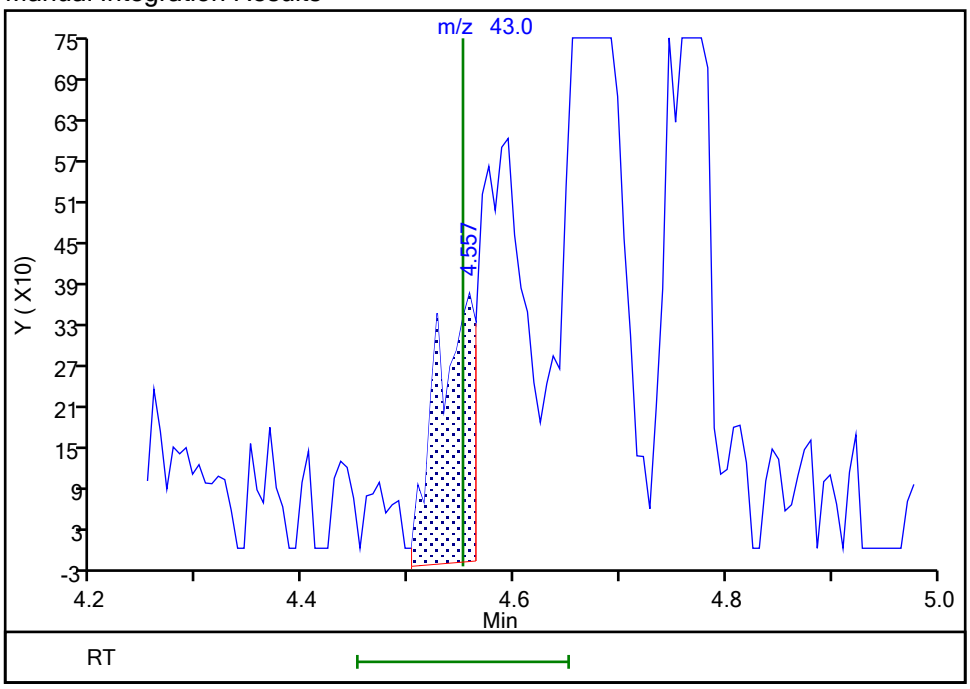
Processing Integration Results

RT: 4.67
Area: 4848
Amount: 30.110501
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 1012
Amount: 11.401889
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:34:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

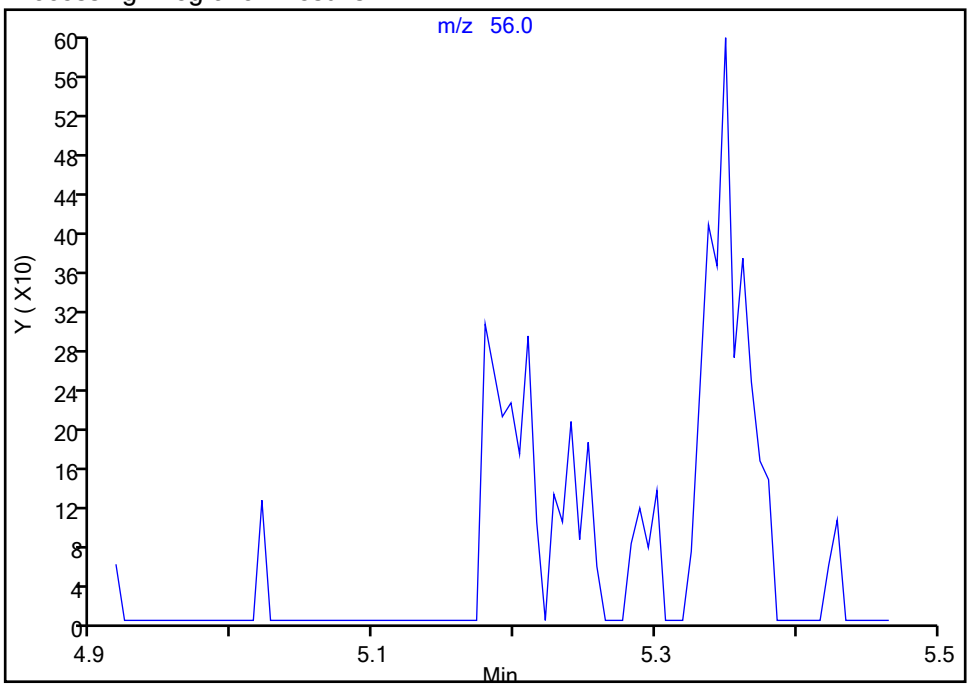
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

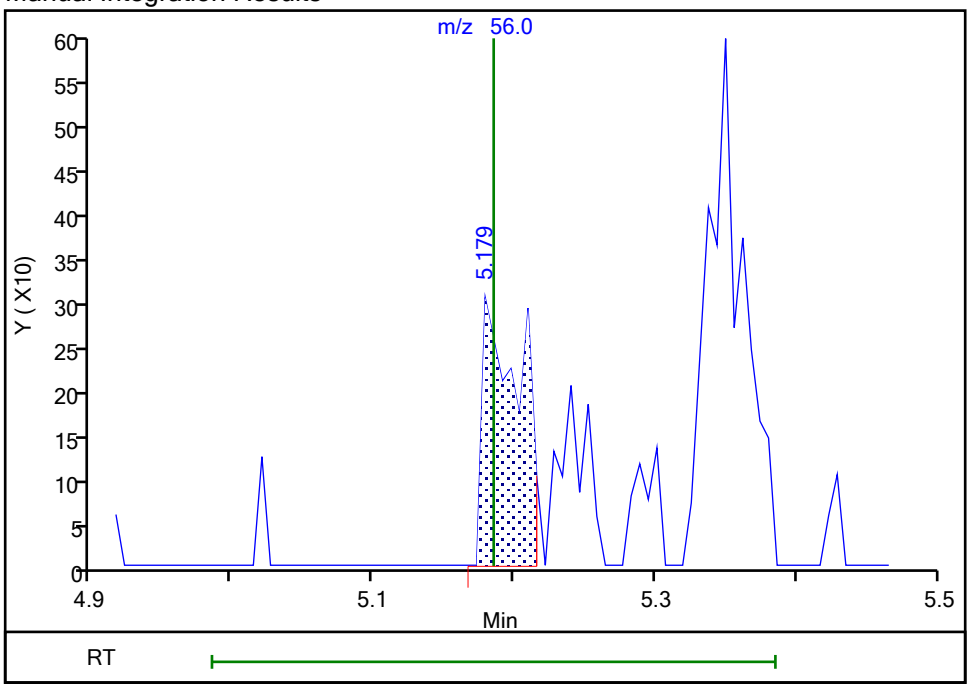
Not Detected
Expected RT: 5.19

Processing Integration Results



Manual Integration Results

RT: 5.18
Area: 564
Amount: 9.496150
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:56:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

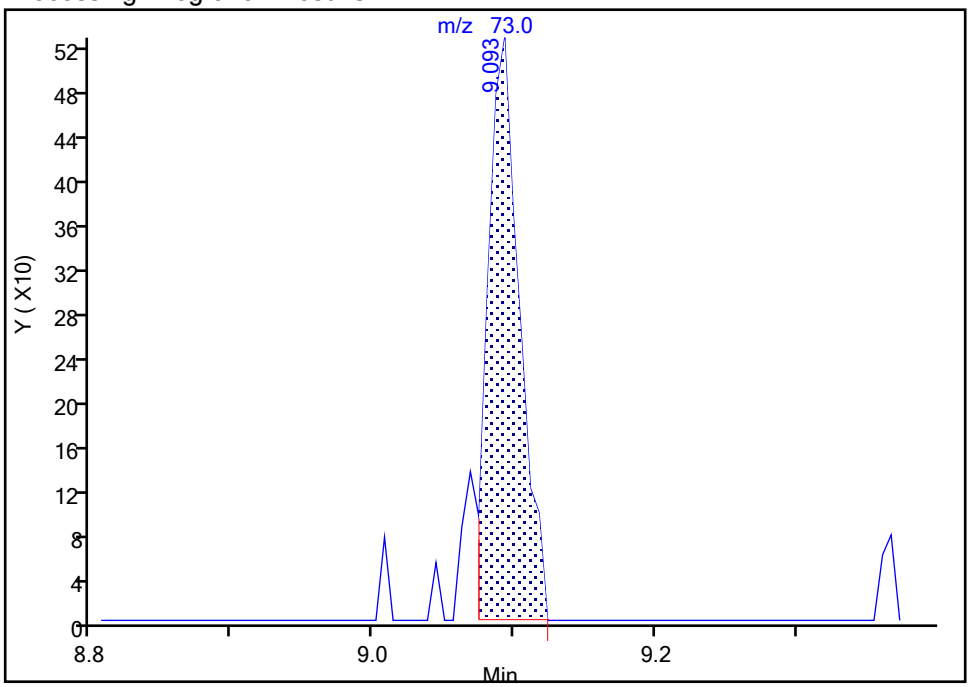
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

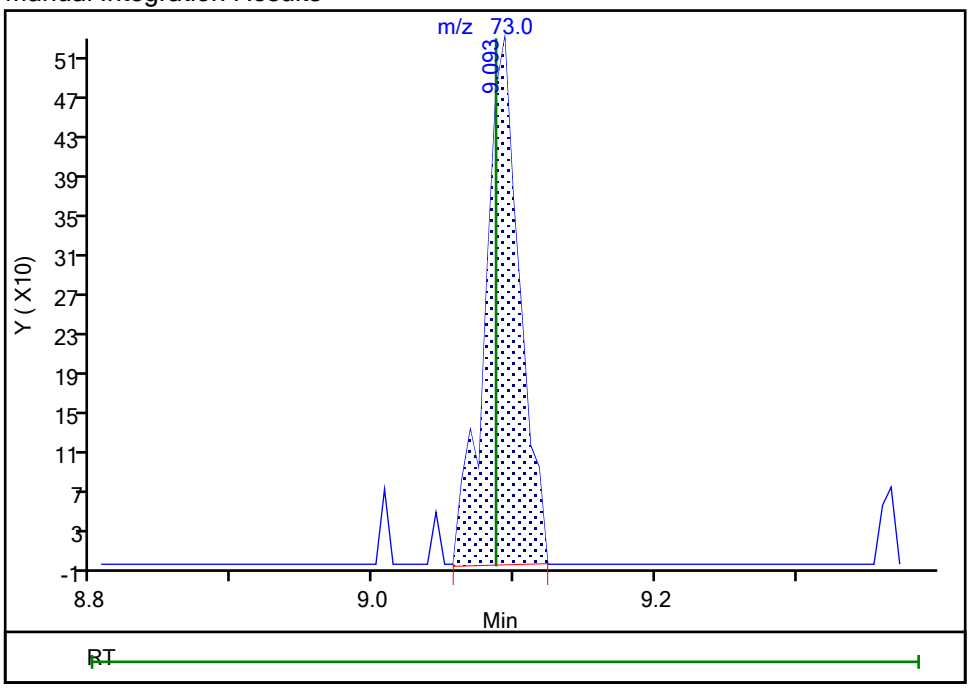
Processing Integration Results

RT: 9.09
Area: 814
Amount: 0.317831
Amount Units: ug/l



Manual Integration Results

RT: 9.09
Area: 893
Amount: 0.421318
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

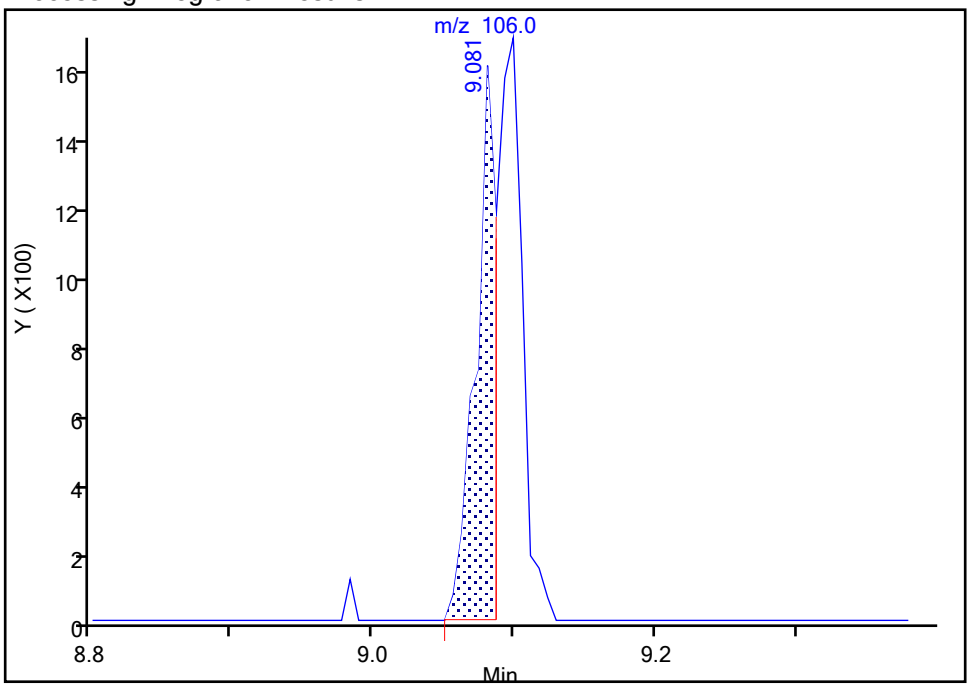
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

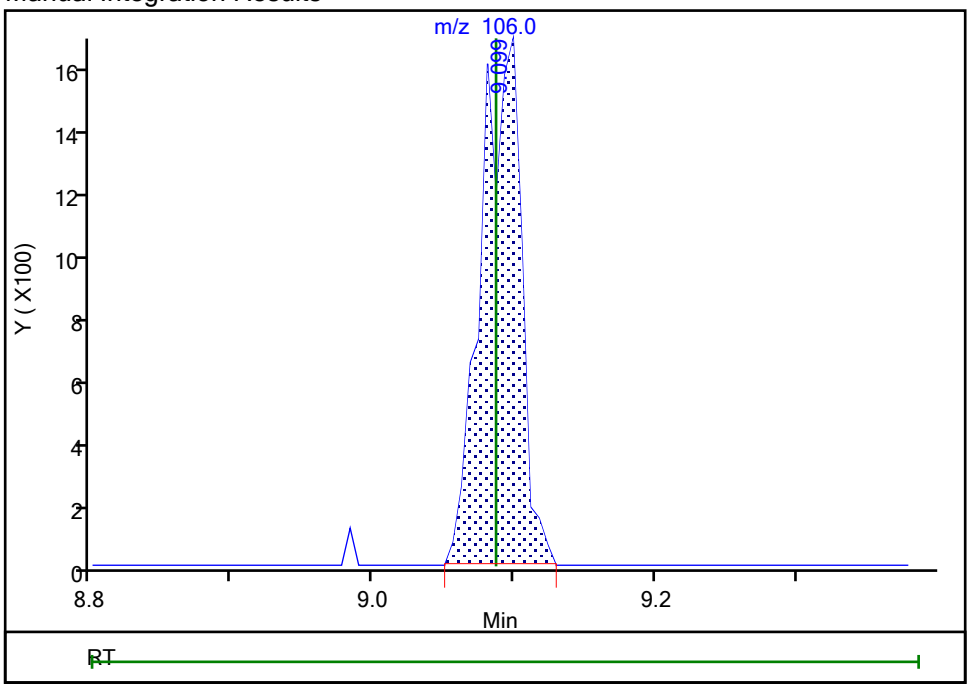
Processing Integration Results

RT: 9.08
Area: 1584
Amount: 0.267411
Amount Units: ug/l



Manual Integration Results

RT: 9.10
Area: 3238
Amount: 0.506956
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:52:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

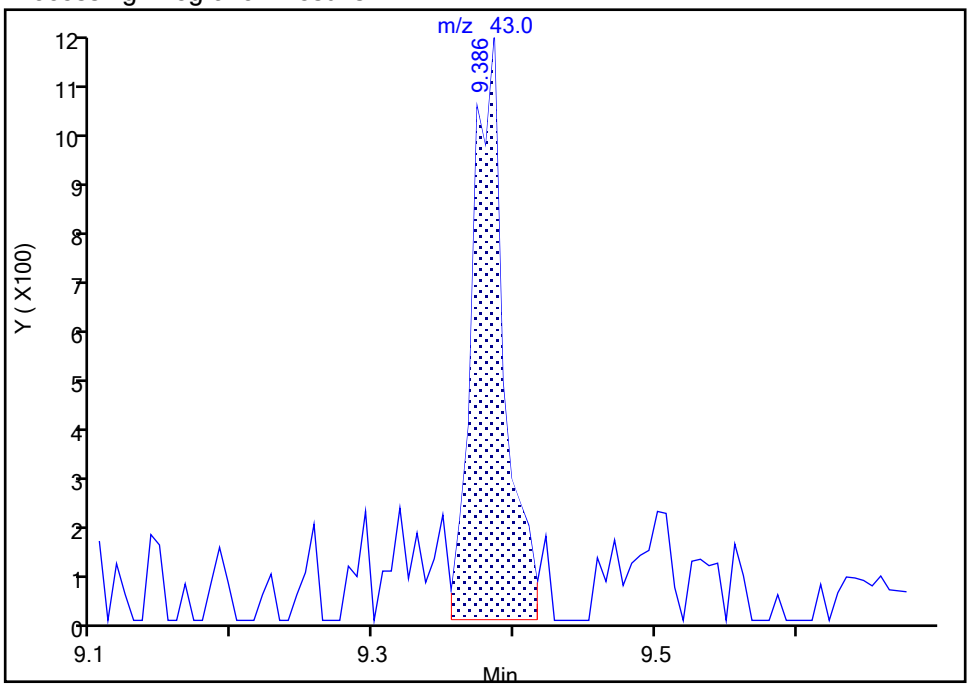
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

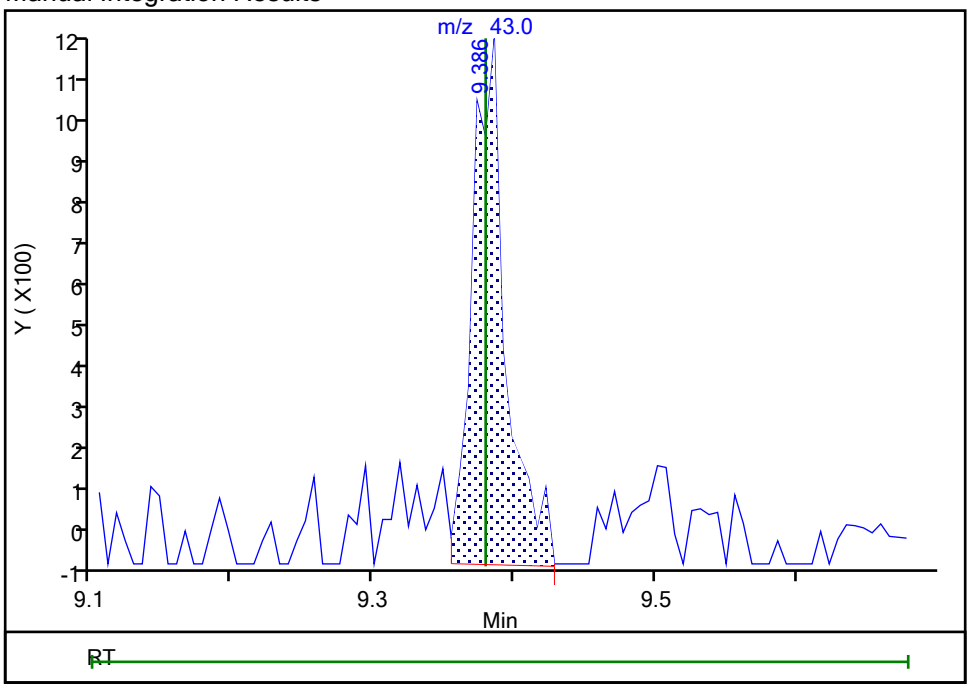
Processing Integration Results

RT: 9.39
Area: 1872
Amount: 0.286040
Amount Units: ug/l



Manual Integration Results

RT: 9.39
Area: 1937
Amount: 0.250808
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:44:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

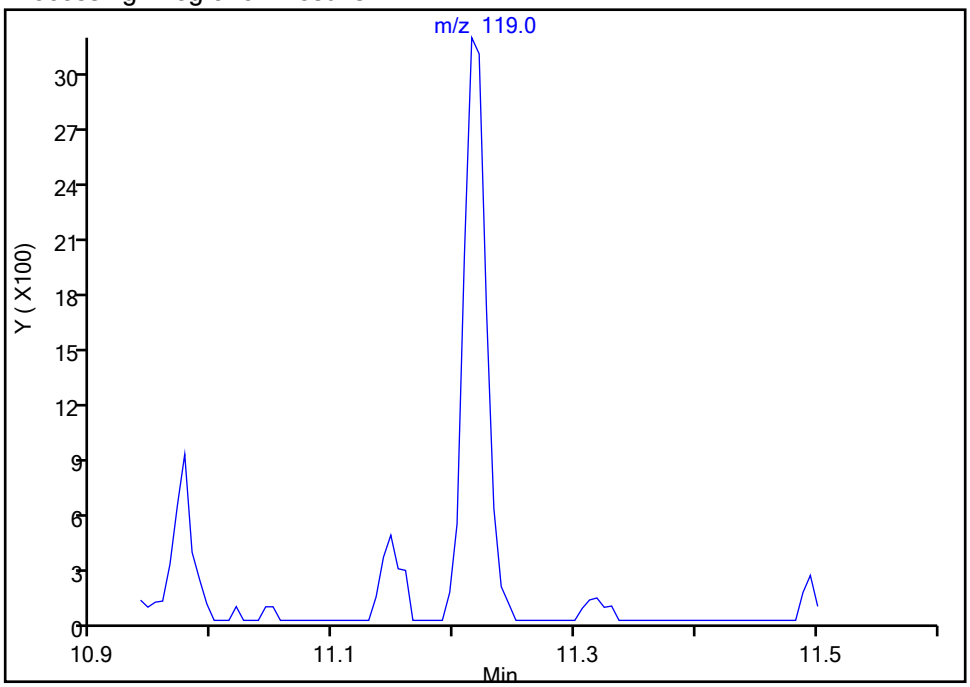
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84411.D
Injection Date: 30-Aug-2024 08:26:30 Instrument ID: CVOAMS17
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

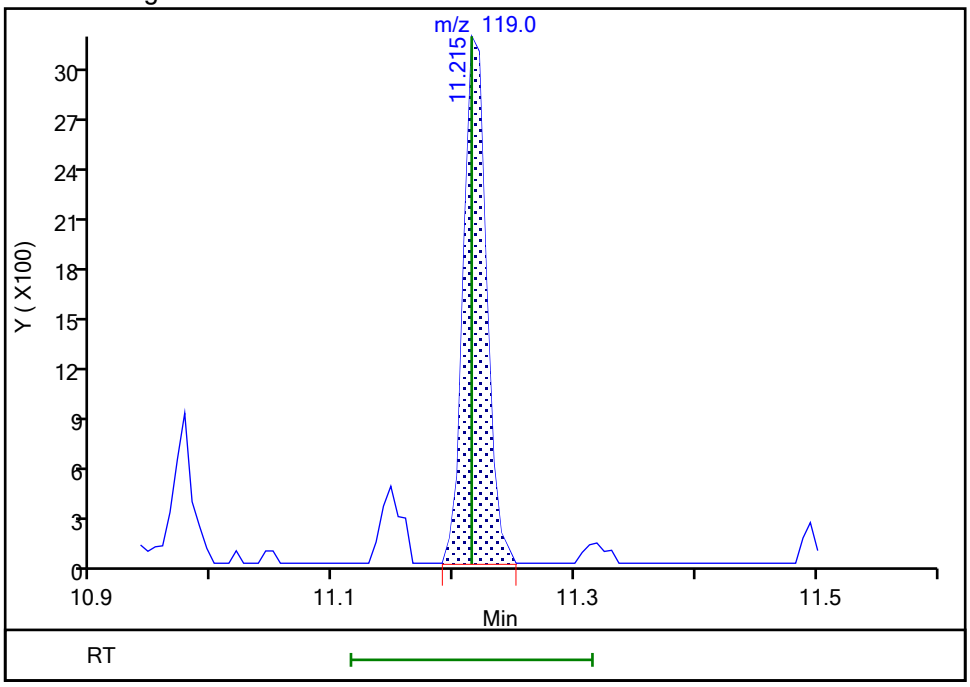
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.21
Area: 4207
Amount: 0.455304
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:50:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Aug-2024 08:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0180260-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:24:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	1	869	1.00	1.26	Ma
2 1,1-Difluoroethane	65	1.320	1.320	0.000	71	2330	1.00	1.25	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	29	4394	1.00	0.99	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	61	1301	1.00	2.45	
6 Chloromethane	50	1.491	1.491	0.000	98	5369	1.00	1.01	
7 Vinyl chloride	62	1.558	1.558	0.000	45	5188	1.00	1.11	
8 Butadiene	54	1.576	1.570	0.006	70	3511	1.00	0.8023	
9 Bromomethane	94	1.808	1.820	-0.012	94	3393	1.00	1.03	M
10 Chloroethane	64	1.875	1.881	-0.006	96	3391	1.00	1.10	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	98	8846	1.00	1.13	M
12 Trichlorofluoromethane	101	2.052	2.052	0.000	53	4636	1.00	0.9837	
13 Pentane	72	2.070	2.070	0.000	97	1088	2.00	1.96	
14 Ethanol	46	2.222	2.234	-0.012	71	145	40.0	-132.6	
15 Ethyl ether	74	2.228	2.234	-0.006	92	4176	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	2.247	2.259	-0.012	84	3384	1.00	1.11	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	49	2794	1.00	0.9407	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	84	5905	1.00	1.13	
19 Acrolein	56	2.393	2.387	0.006	26	2032	4.00	3.21	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	48	3210	1.00	1.12	M
21 1,1-Dichloroethene	96	2.436	2.436	0.000	94	3972	1.00	1.14	
22 Acetone	43	2.503	2.497	0.006	80	5810	5.00	5.07	
23 Iodomethane	142	2.576	2.570	0.006	94	7177	1.00	1.20	M
25 Isopropyl alcohol	45	2.600	2.588	0.012	29	1737	10.0	10.6	Ma
24 Carbon disulfide	76	2.600	2.600	0.000	100	15045	1.00	1.21	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	89	2667	1.00	1.13	
27 Methyl acetate	43	2.728	2.722	0.006	93	6056	2.00	2.07	
28 Cyclopentene	67	2.740	2.734	0.006	92	8150	1.00	1.11	
29 Acetonitrile	41	2.771	2.771	0.000	20	4940	10.0	9.97	Ma
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	40334	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	35	4512	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	28	3179	10.0	12.1	M
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	98	11405	1.00	1.06	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	4594	1.00	1.23	
35 Acrylonitrile	53	3.076	3.070	0.006	94	15505	10.0	10.7	
36 Hexane	57	3.155	3.155	0.000	92	4712	1.00	1.20	
37 Isopropyl ether	45	3.362	3.356	0.006	90	14858	1.00	1.15	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	98	7790	1.00	1.12	
39 Vinyl acetate	86	3.393	3.393	0.000	99	888	2.00	1.62	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	3649	1.00	1.16	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	12345	1.00	1.07	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	398180	250.0	250.0	
43 2,2-Dichloropropane	97	3.850	3.862	-0.012	51	1071	1.00	1.00	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	98	4745	1.00	1.12	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	95	2506	5.00	5.99	
46 Ethyl acetate	70	3.911	3.887	0.024	91	939	2.00	2.56	a
47 Methyl acrylate	55	3.941	3.941	0.000	71	2978	1.00	0.9620	
48 Propionitrile	54	4.009	4.009	-0.001	98	5490	10.0	11.9	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	1289	2.00	2.57	
49 Chlorobromomethane	128	4.094	4.088	0.006	92	2359	1.00	1.14	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	16180	10.0	11.1	
52 Chloroform	83	4.143	4.143	0.000	97	6906	1.00	1.12	
53 Cyclohexane	84	4.271	4.271	0.000	31	5690	1.00	1.19	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	35	5153	1.00	1.13	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	97	181380	50.0	50.9	
56 Carbon tetrachloride	117	4.393	4.393	0.000	87	3168	1.00	1.05	M
57 1,1-Dichloropropene	75	4.423	4.423	0.000	91	5590	1.00	1.19	
58 Isobutyl alcohol	43	4.551	4.551	0.000	61	1897	25.0	21.6	a
59 Isooctane	57	4.582	4.582	0.000	93	12442	1.00	1.13	
60 Benzene	78	4.606	4.612	-0.006	94	16573	1.00	1.09	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209991	50.0	49.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	84	12811	1.00	1.10	
63 Isopropyl acetate	61	4.685	4.673	0.012	83	2077	1.00	1.08	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	93	5332	1.00	1.11	
65 n-Heptane	100	4.764	4.771	-0.007	95	912	1.00	1.40	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	736870	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	55	1331	25.0	22.7	a
68 Trichloroethene	95	5.234	5.228	0.006	94	3835	1.00	1.10	
69 Methylcyclohexane	83	5.356	5.356	0.000	84	6312	1.00	1.16	
70 Ethyl acrylate	99	5.362	5.356	0.006	93	572	1.00	0.9874	M
71 1,2-Dichloropropane	63	5.508	5.508	0.000	83	4091	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	31704	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	87	1554	2.00	1.89	
75 1,4-Dioxane	88	5.624	5.618	0.006	29	1575	50.0	45.7	a
74 Dibromomethane	93	5.630	5.630	0.000	90	2380	1.00	1.06	
76 n-Propyl acetate	43	5.648	5.648	0.000	90	5533	1.00	1.09	
77 Dichlorobromomethane	83	5.783	5.783	0.000	97	4020	1.00	0.99	
78 2-Nitropropane	41	6.112	6.112	0.000	68	1552	2.00	3.33	M
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	78	2389	1.00	0.9851	
80 Epichlorohydrin	57	6.228	6.222	0.006	99	7074	20.0	20.9	
81 cis-1,3-Dichloropropene	75	6.270	6.276	-0.006	93	5680	1.00	1.02	M
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	98	7382	5.00	5.29	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	704212	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	94	19692	1.00	1.20	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	96	4654	1.00	1.00	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	89	3243	1.00	0.6650	
87 1,1,2-Trichloroethane	83	7.154	7.142	0.012	91	3041	1.00	1.13	
88 Tetrachloroethene	166	7.185	7.185	0.000	90	3865	1.00	1.13	
89 1,3-Dichloropropane	76	7.343	7.349	-0.006	92	6115	1.00	1.13	
90 2-Hexanone	43	7.422	7.423	0.000	97	12214	5.00	5.49	
91 n-Butyl acetate	43	7.544	7.544	0.000	96	4509	1.00	0.9155	
92 Chlorodibromomethane	129	7.581	7.575	0.006	92	2181	1.00	0.8514	
93 Ethylene Dibromide	107	7.721	7.721	0.000	98	2975	1.00	0.9856	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	522214	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	96	11076	1.00	1.16	
96 Ethylbenzene	106	8.410	8.410	0.000	98	5799	1.00	1.13	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	87	2815	1.00	1.01	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	7106	1.00	1.15	
99 o-Xylene	106	9.087	9.087	0.000	94	6687	1.00	1.06	
100 n-Butyl acrylate	73	9.087	9.087	0.000	52	1919	1.00	0.9187	
101 Styrene	104	9.129	9.123	0.006	97	9961	1.00	1.00	
102 Bromoform	173	9.361	9.367	-0.006	59	1080	1.00	0.9298	
103 Amyl acetate (mixed isomers)	43	9.386	9.379	0.007	90	4819	1.00	0.6275	
104 Isopropylbenzene	105	9.538	9.532	0.006	95	15739	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	221049	50.0	50.3	
106 Bromobenzene	156	9.904	9.898	0.006	96	4078	1.00	0.9730	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	93	4012	1.00	0.99	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	21227	1.00	1.12	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	1129	1.00	0.9777	
110 trans-1,4-Dichloro-2-butene	53	10.038	10.044	-0.006	26	849	1.00	0.9074	
111 2-Chlorotoluene	91	10.105	10.105	0.000	96	14409	1.00	1.08	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	16837	1.00	1.06	
113 1,3,5-Trimethylbenzene	105	10.202	10.196	0.006	92	14153	1.00	1.07	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	13067	1.00	1.02	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	93	2244	1.00	0.4403	
116 tert-Butylbenzene	119	10.507	10.507	0.000	94	11311	1.00	1.02	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	14259	1.00	1.04	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	98	18295	1.00	1.09	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	98	8524	1.00	1.04	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	15319	1.00	1.07	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	294482	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	86	8465	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	15778	1.00	1.06	
124 Benzyl chloride	91	11.086	11.086	0.000	96	4897	1.00	0.8487	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	15163	1.00	1.07	
126 p-Diethylbenzene	119	11.221	11.214	0.007	90	9256	1.00	1.01	a
127 n-Butylbenzene	92	11.245	11.239	0.006	96	8177	1.00	1.04	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	97	8807	1.00	1.09	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	14702	1.00	1.02	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	14	476	1.00	0.8385	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	92	6785	1.00	0.9884	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	92	7291	1.00	1.19	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	94	3796	1.00	1.20	
134 Naphthalene	128	12.775	12.775	0.000	99	15492	1.00	1.08	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	6761	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 137 Xylenes, Total	100				0		2.00	2.21	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.02	
S 140 Total BTEX	1				0		5.00	5.63	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
14DIOXINTER_00172	Amount Added:	30.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:21 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D

Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17

Lims ID: STD1

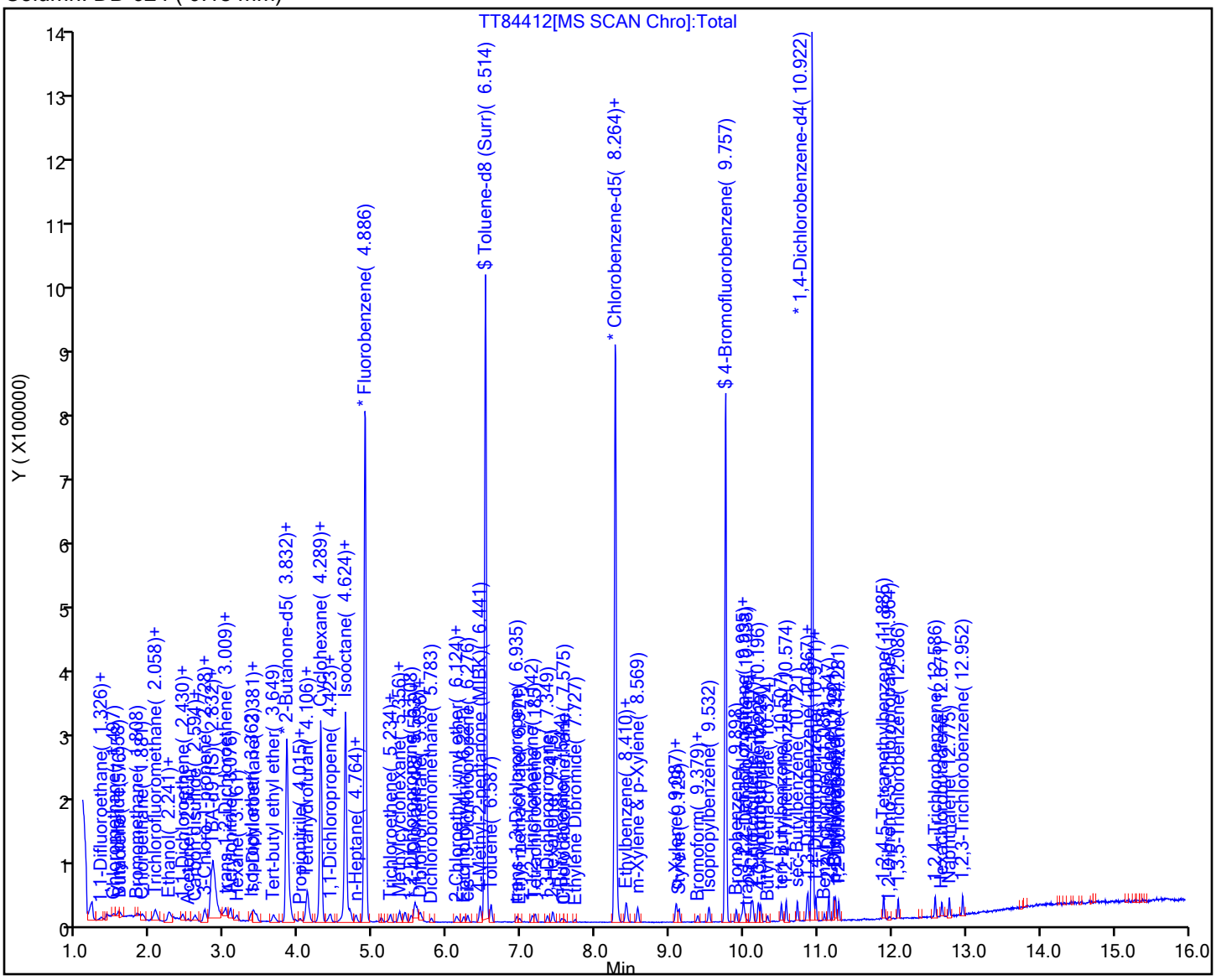
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

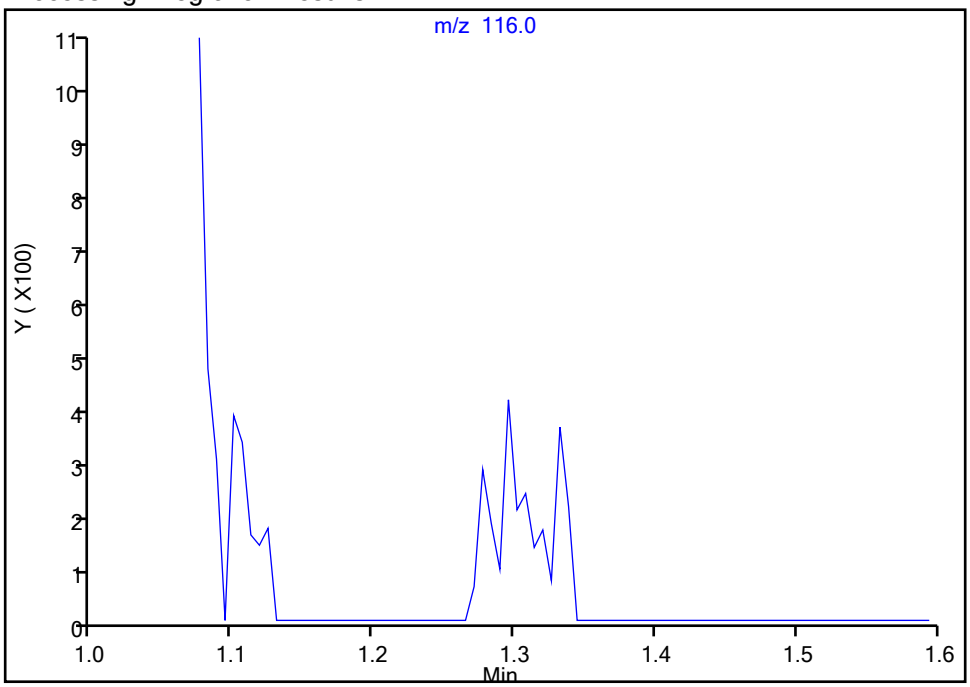
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

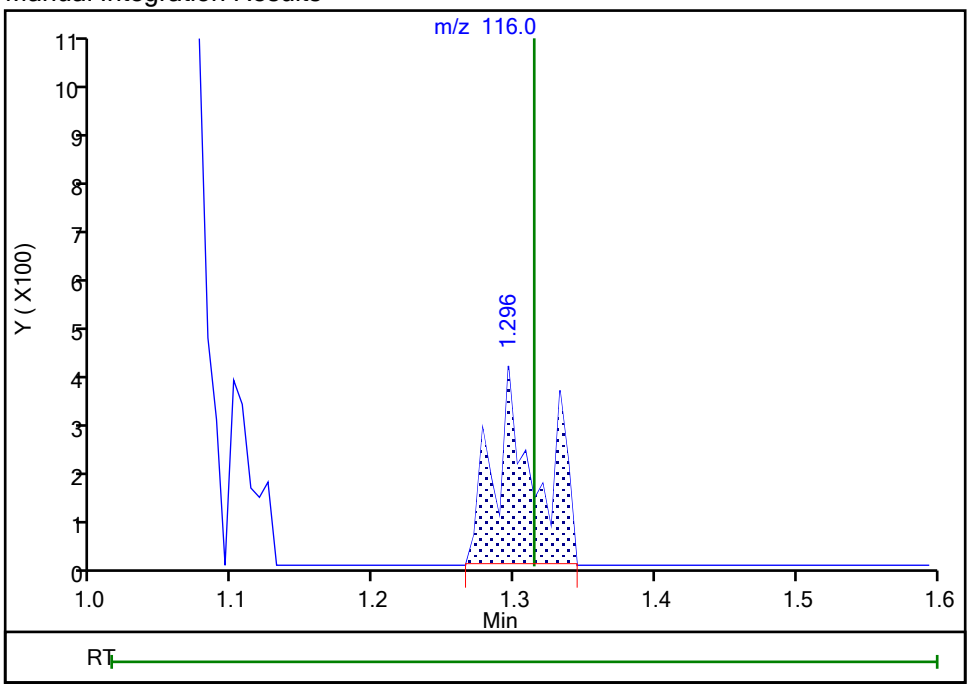
Processing Integration Results

Not Detected
Expected RT: 1.31



Manual Integration Results

RT: 1.30
Area: 869
Amount: 1.258878
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:05:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

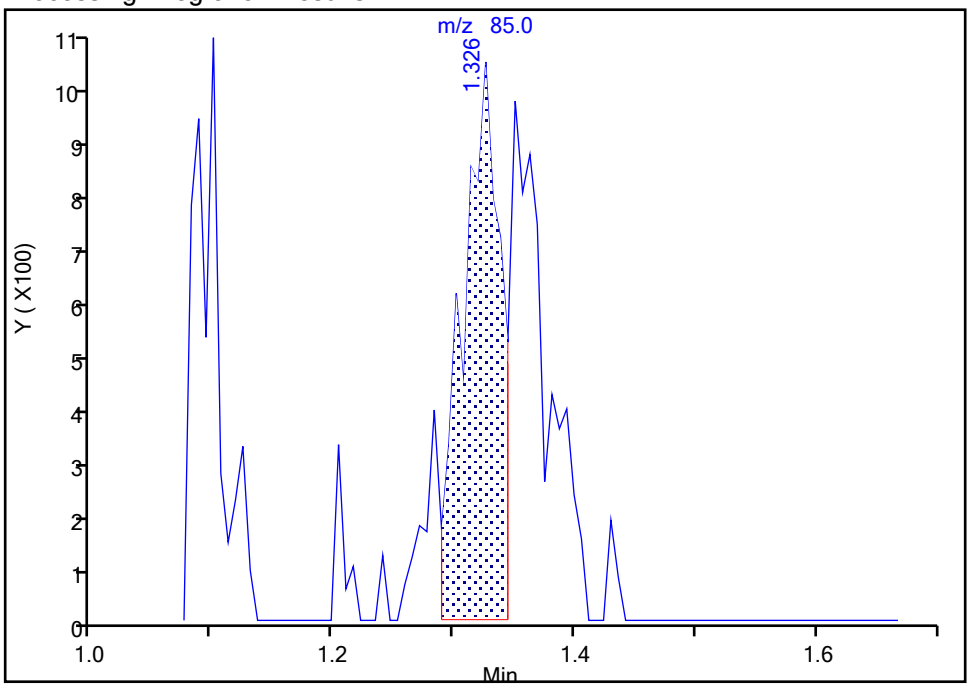
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

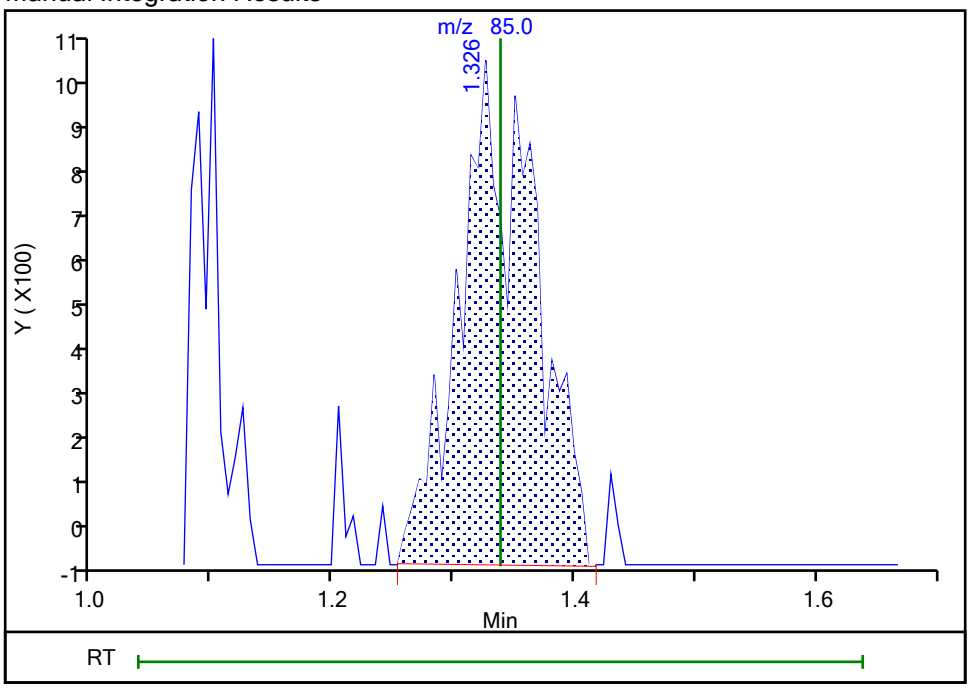
Processing Integration Results

RT: 1.33
Area: 2233
Amount: 1.060264
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 4394
Amount: 0.991763
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:41:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

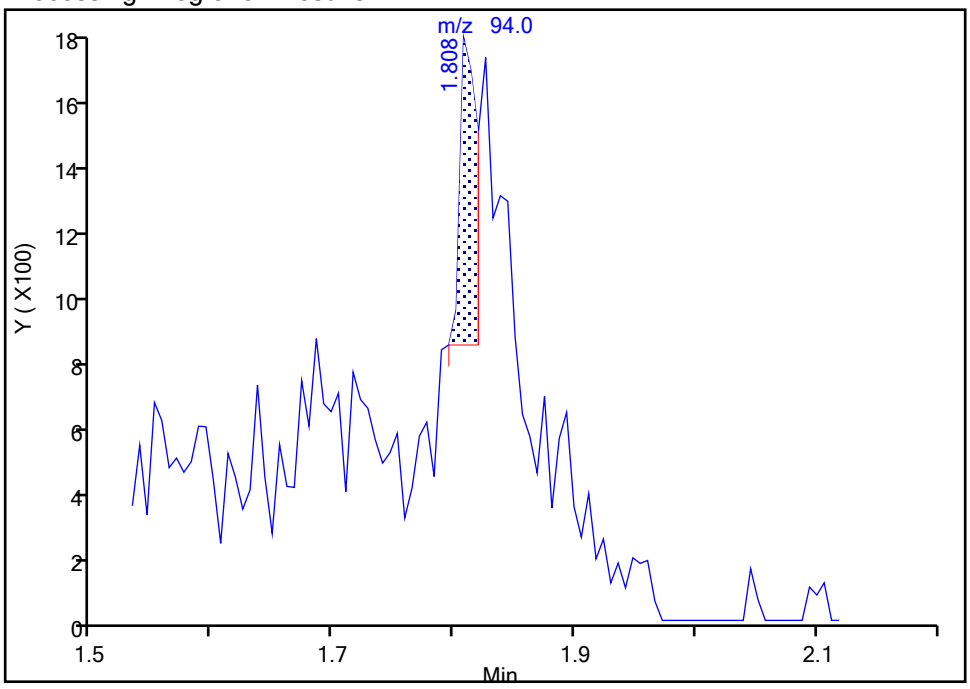
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

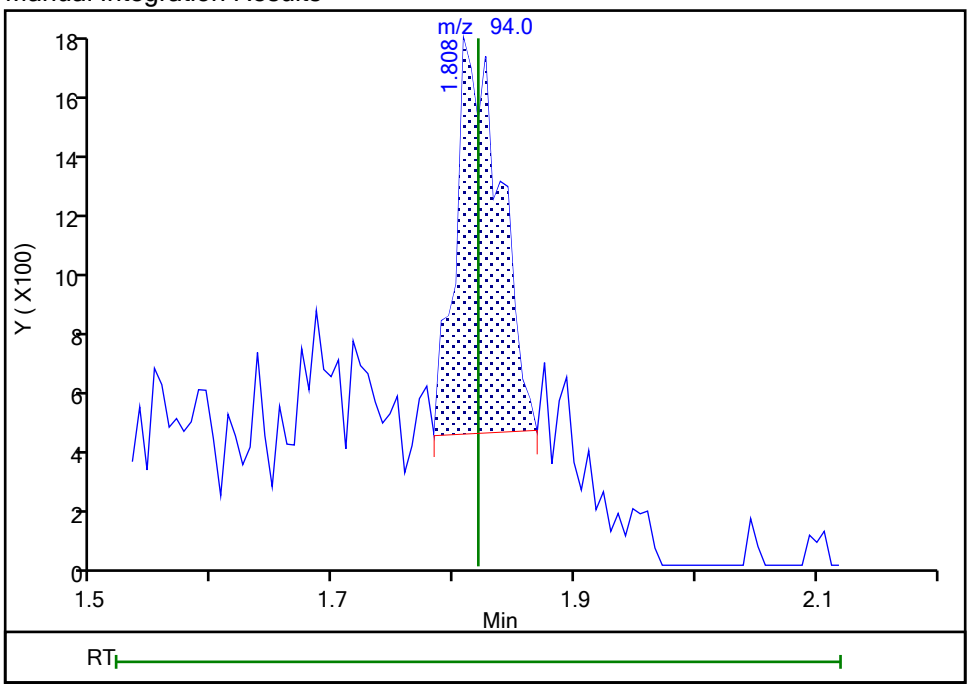
Processing Integration Results

RT: 1.81
Area: 921
Amount: 0.854896
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 3393
Amount: 1.031925
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

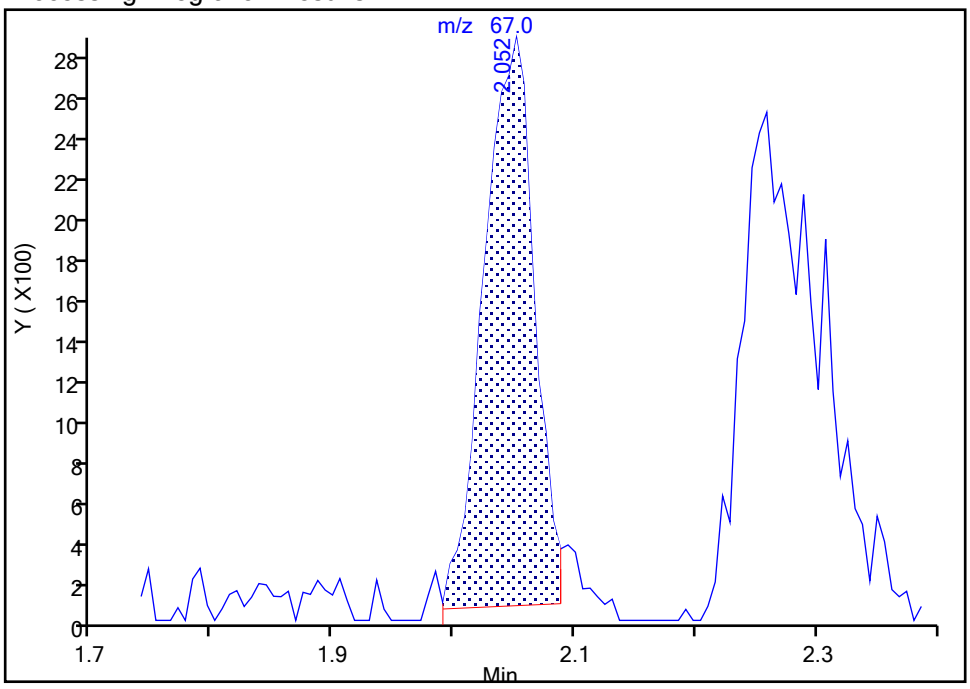
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

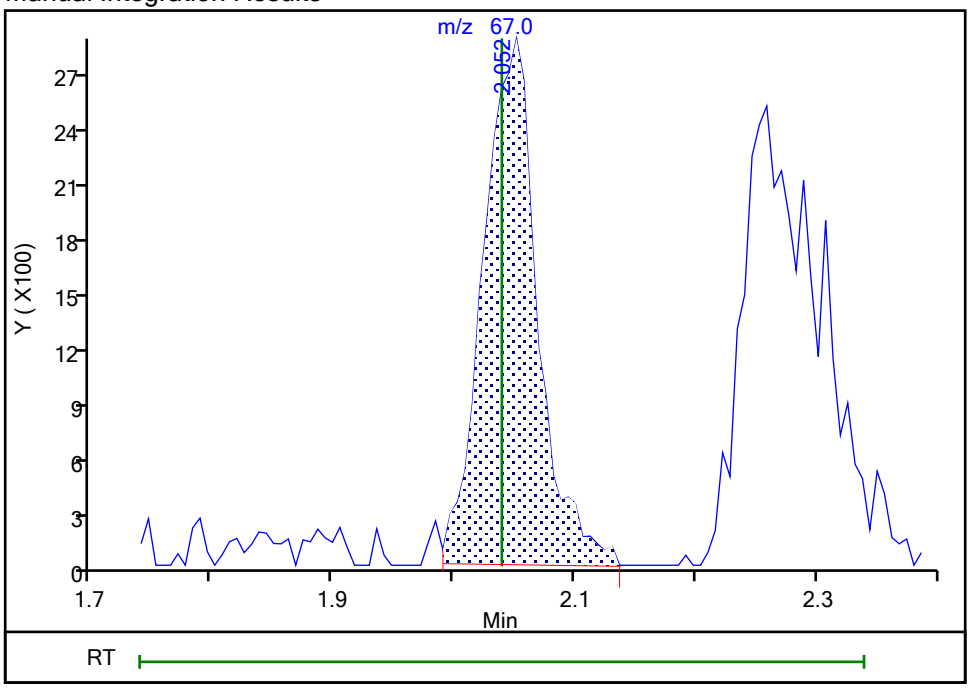
Processing Integration Results

RT: 2.05
Area: 7960
Amount: 0.980963
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 8846
Amount: 1.128337
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

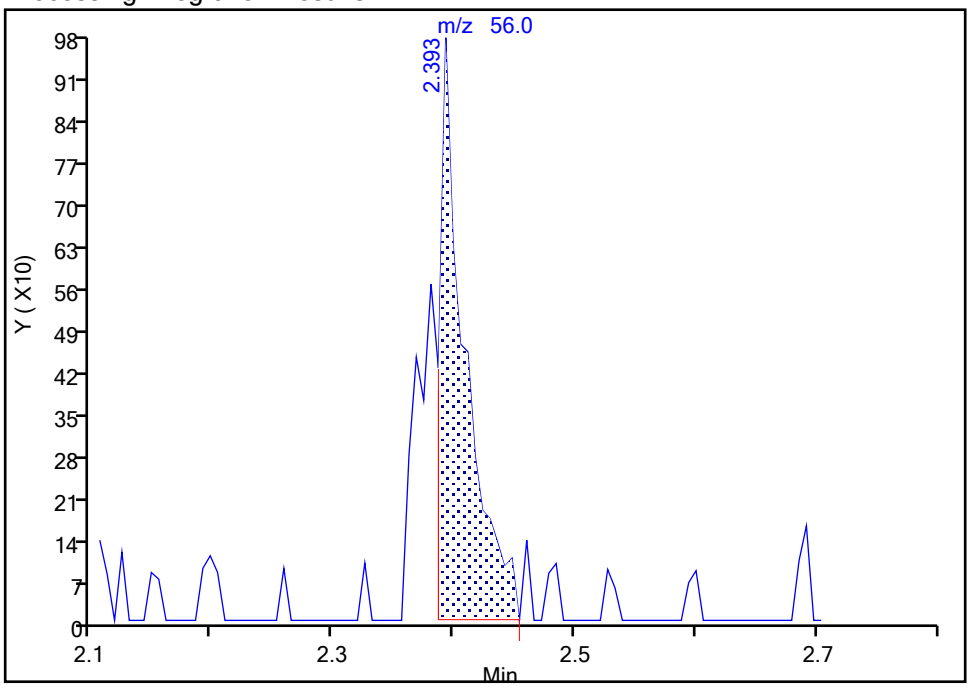
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

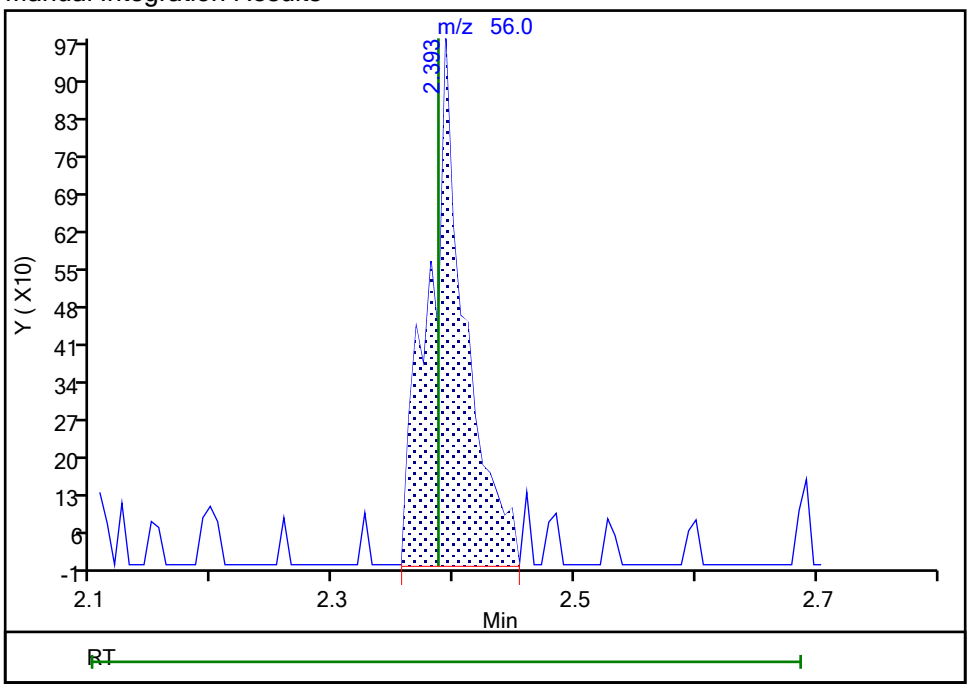
Processing Integration Results

RT: 2.39
Area: 1423
Amount: 3.823045
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 2032
Amount: 3.208463
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

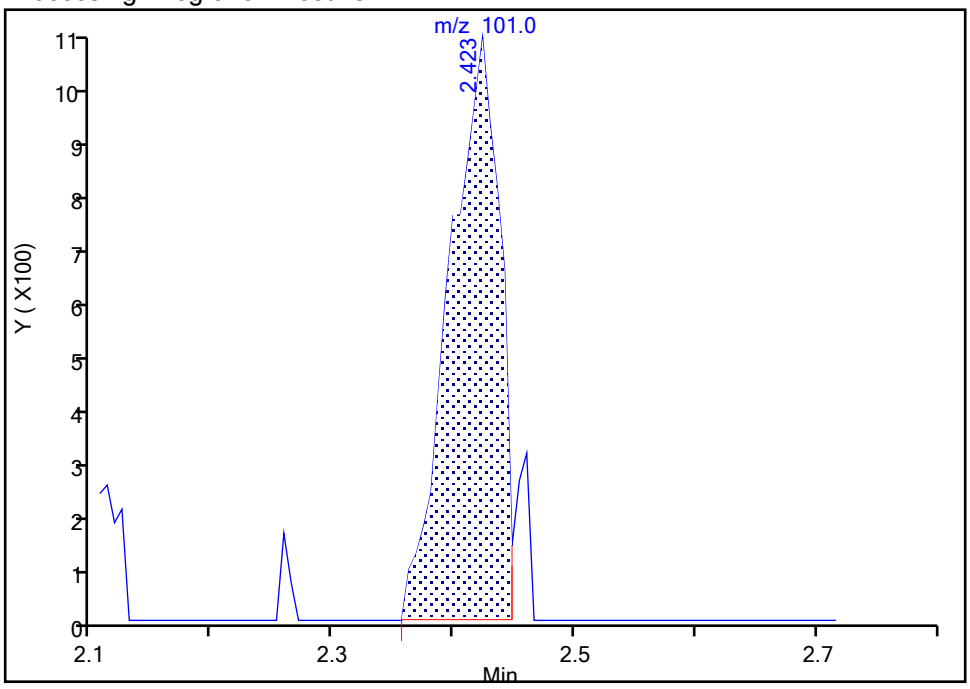
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

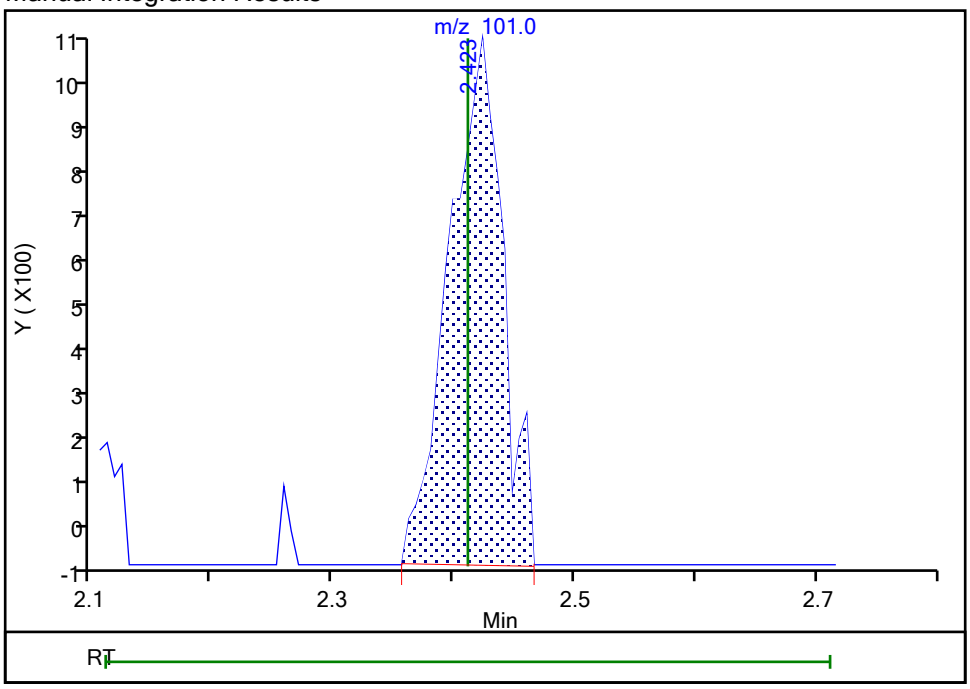
Processing Integration Results

RT: 2.42
Area: 3013
Amount: 1.101459
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 3210
Amount: 1.122642
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

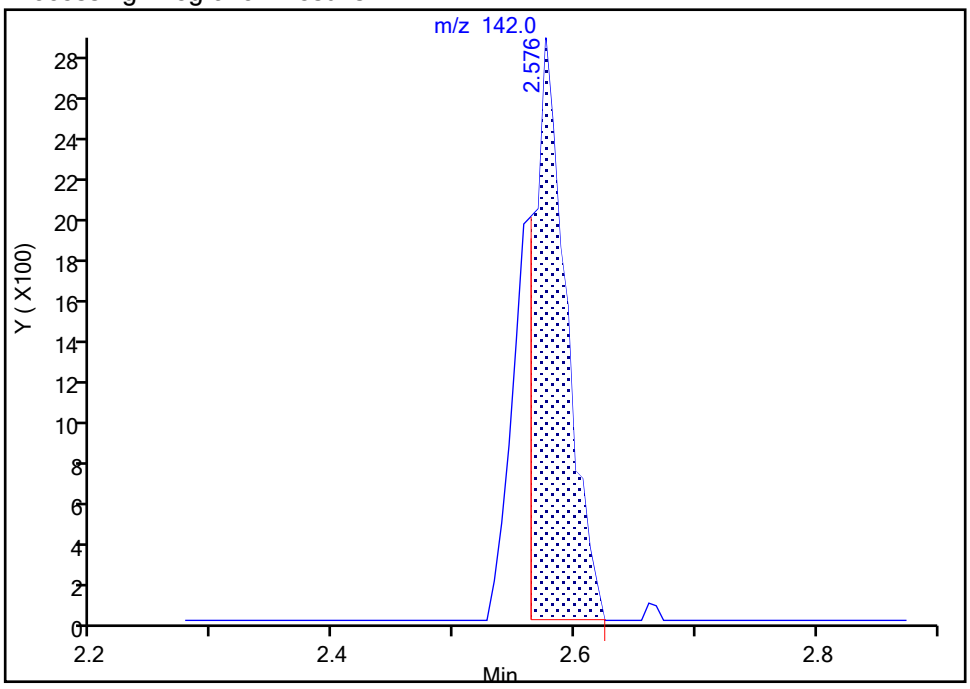
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

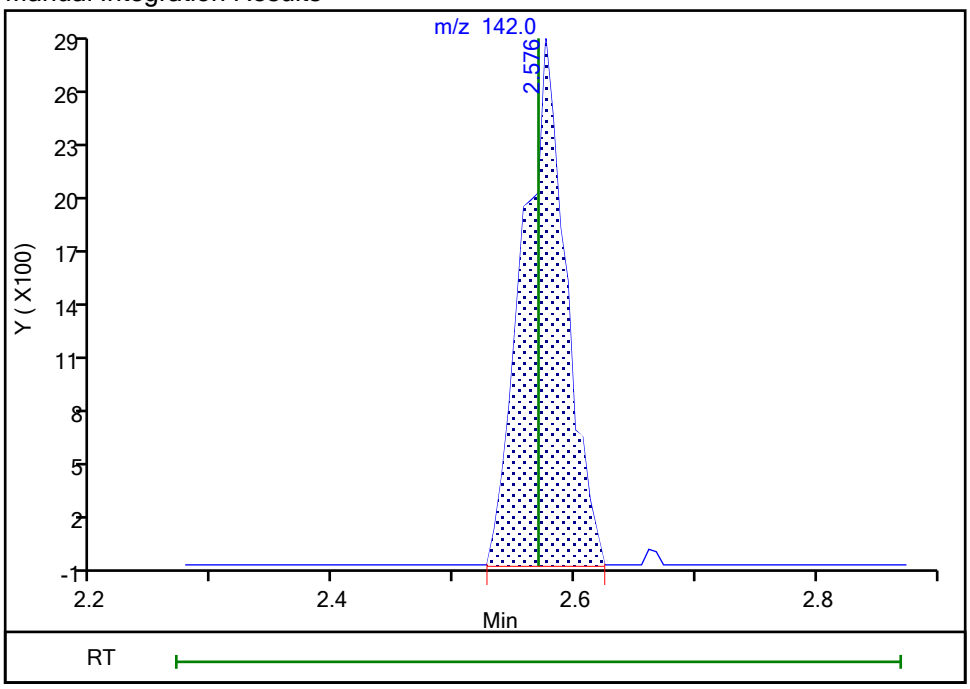
Processing Integration Results

RT: 2.58
Area: 5378
Amount: 0.885578
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 7177
Amount: 1.198481
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:42:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

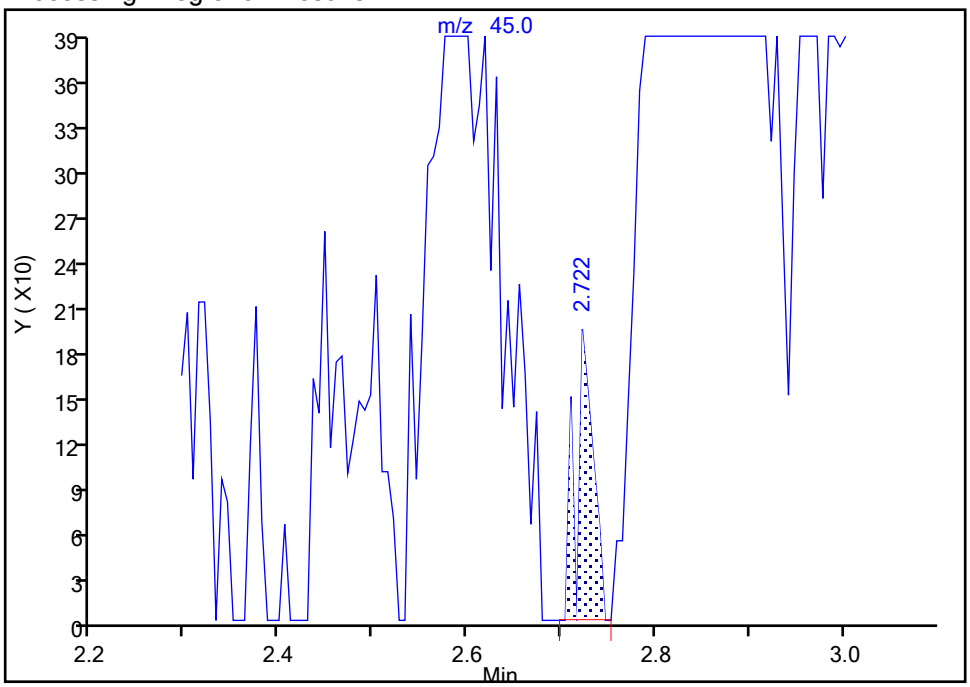
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

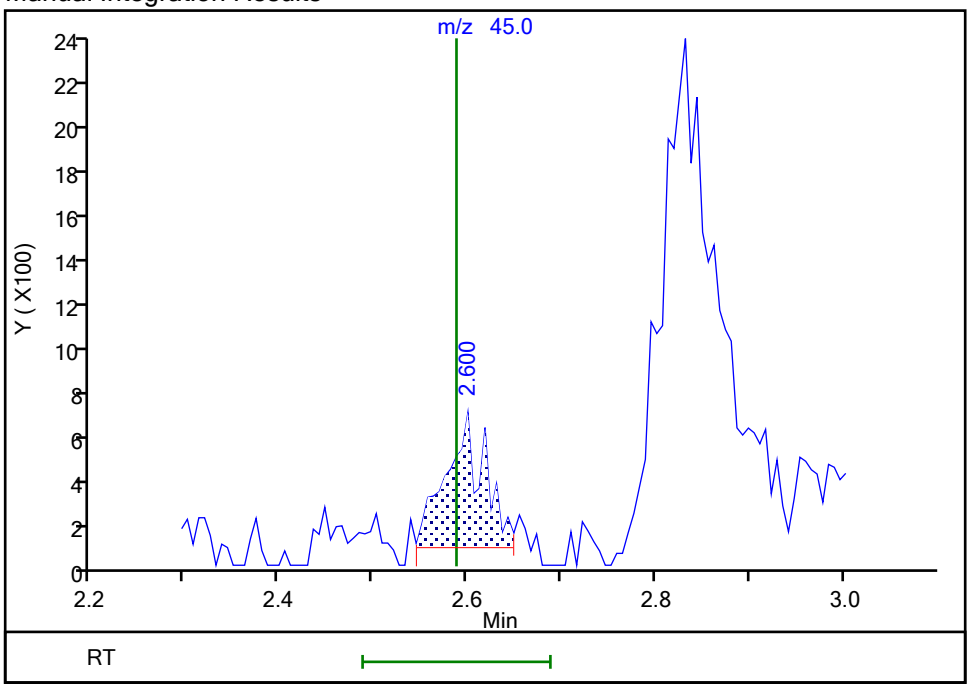
Processing Integration Results

RT: 2.72
Area: 243
Amount: 9.916147
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 1737
Amount: 10.589423
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 16:52:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

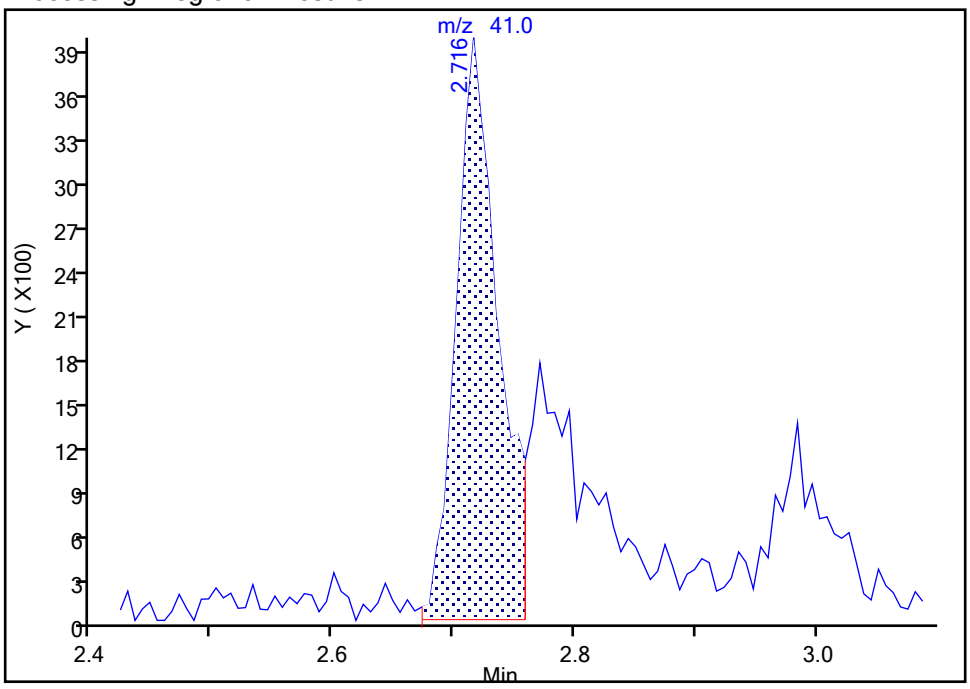
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

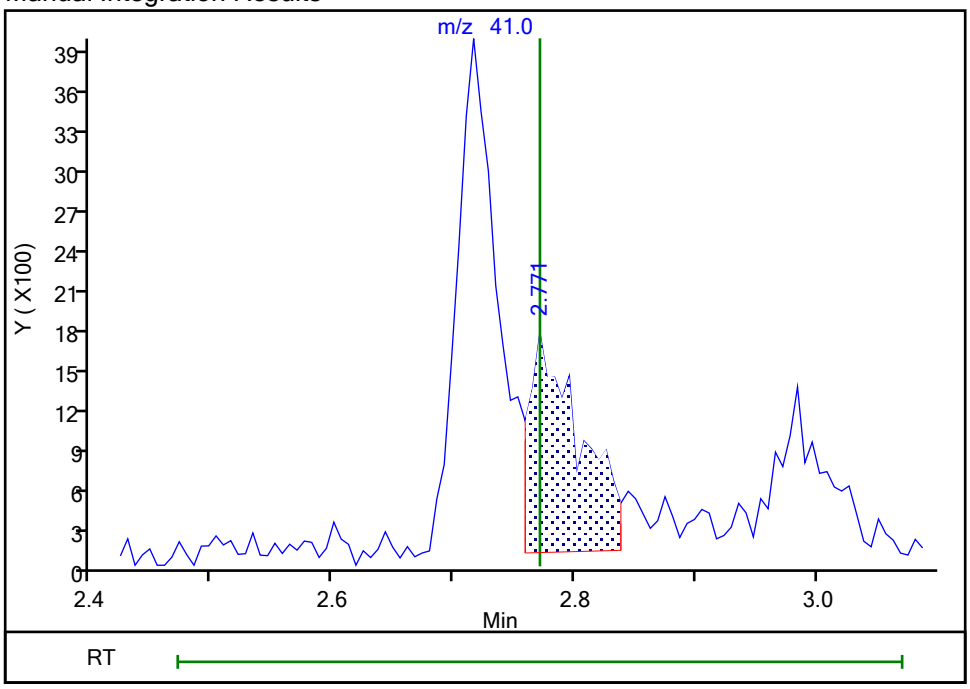
Processing Integration Results

RT: 2.72
Area: 9700
Amount: 10.629081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 4940
Amount: 9.966866
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

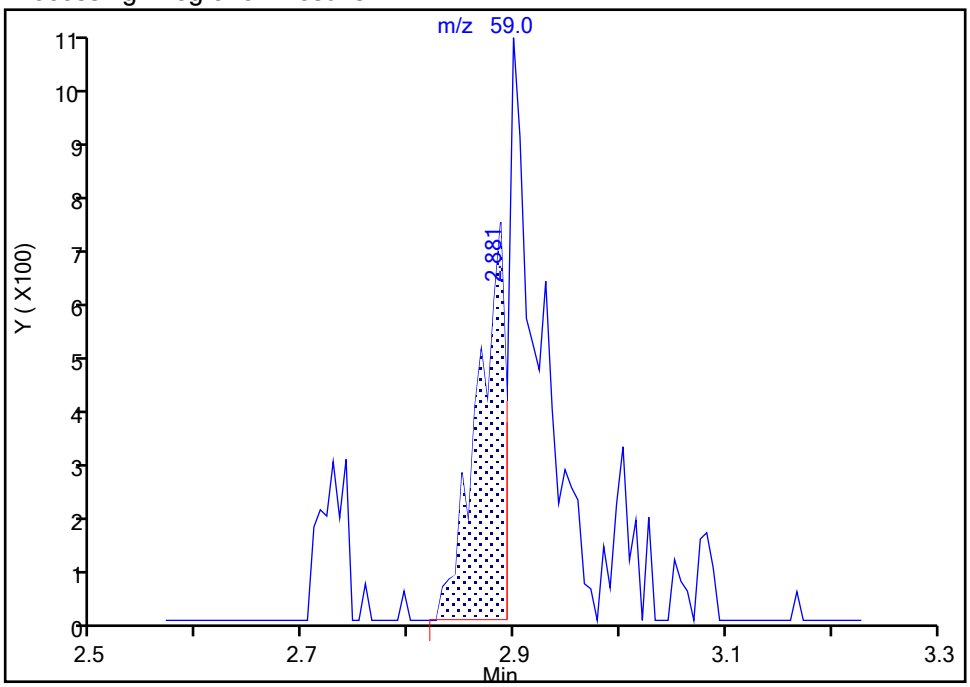
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

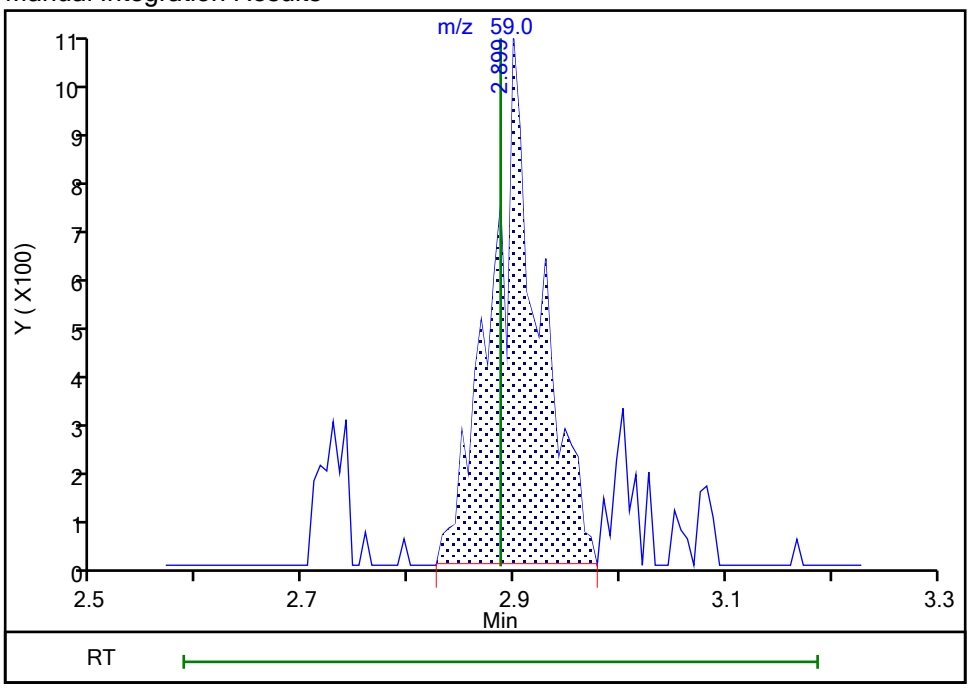
Processing Integration Results

RT: 2.88
Area: 1279
Amount: 10.783691
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 3179
Amount: 12.116954
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

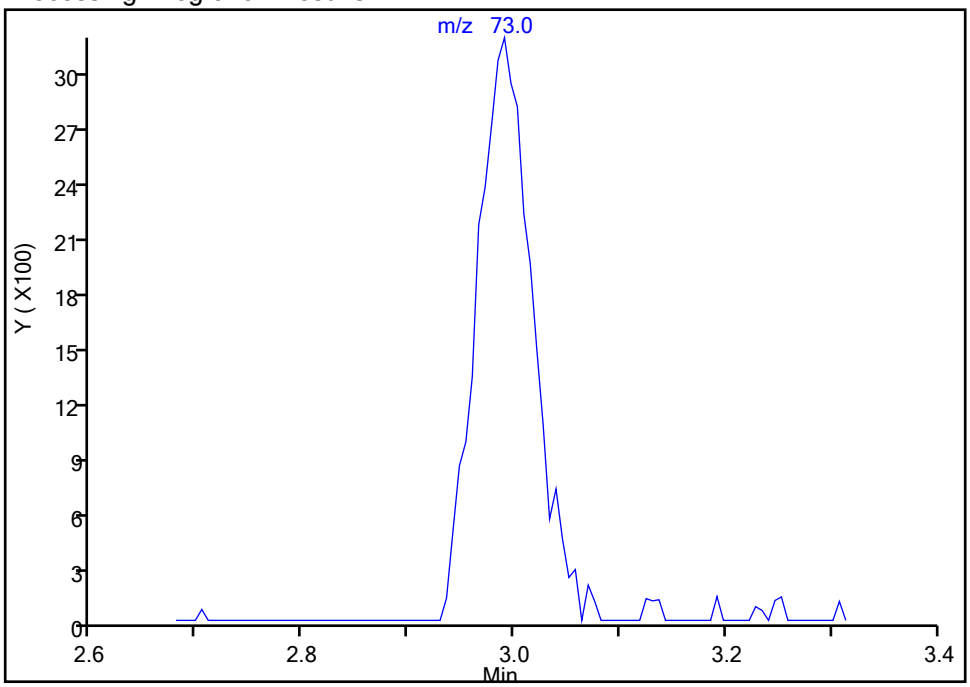
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

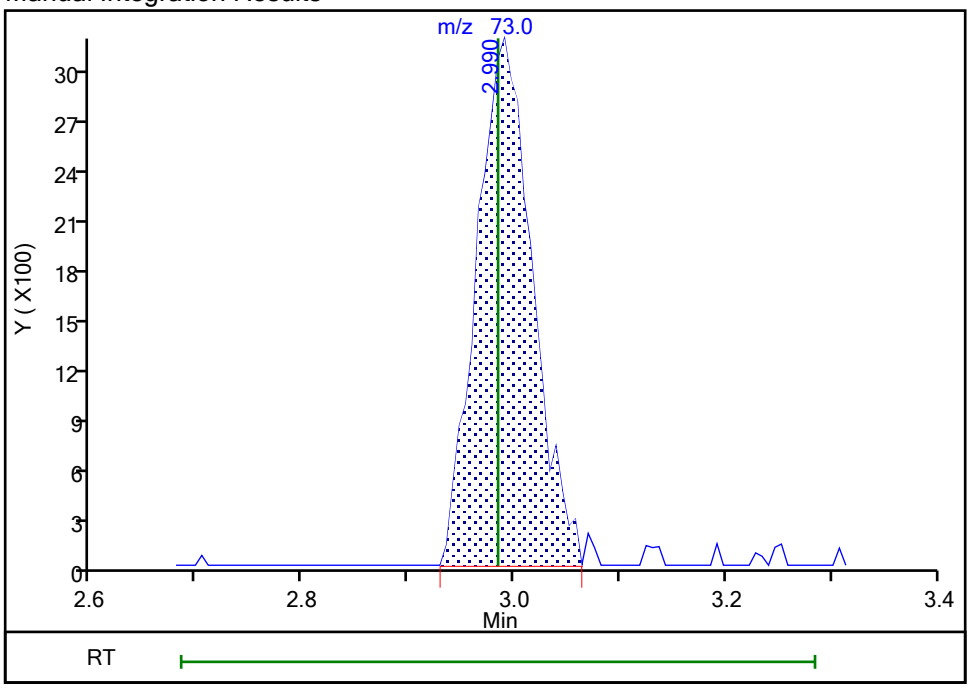
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 11405
Amount: 1.061998
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

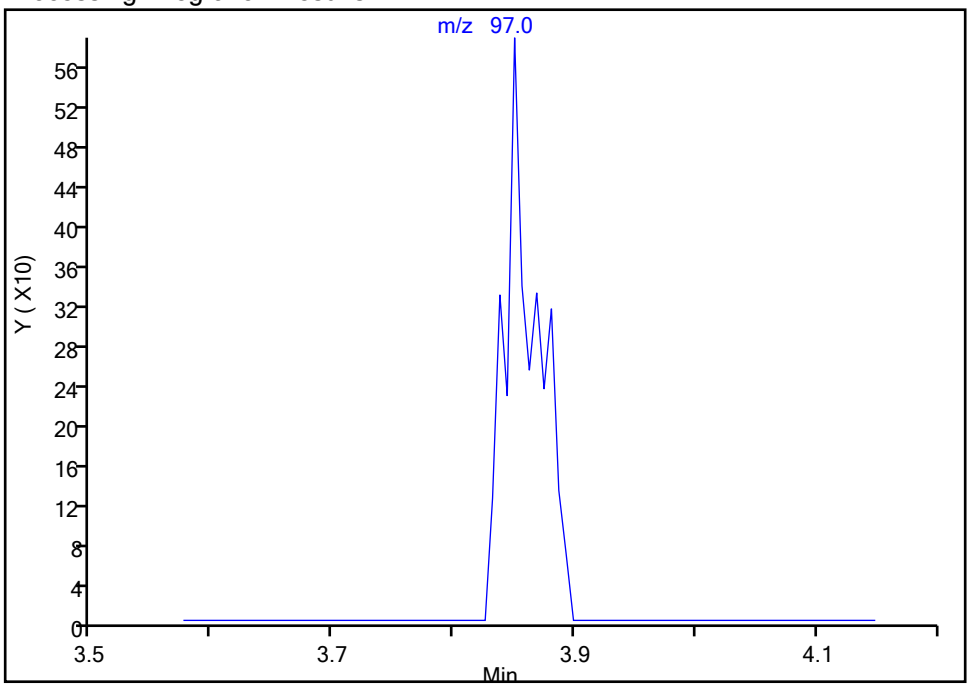
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

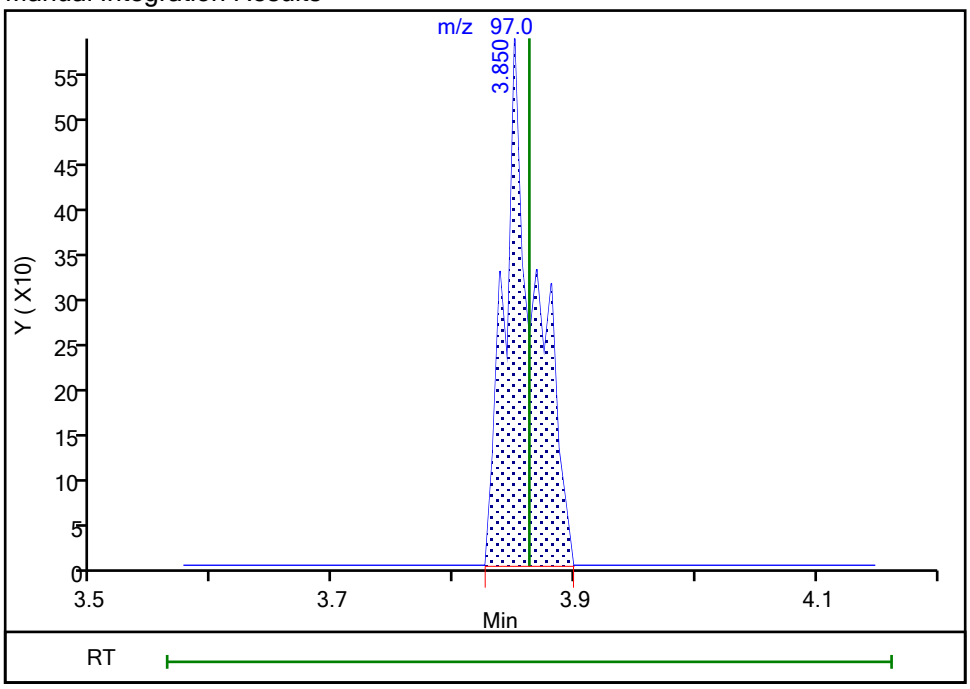
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.85
Area: 1071
Amount: 1.004500
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

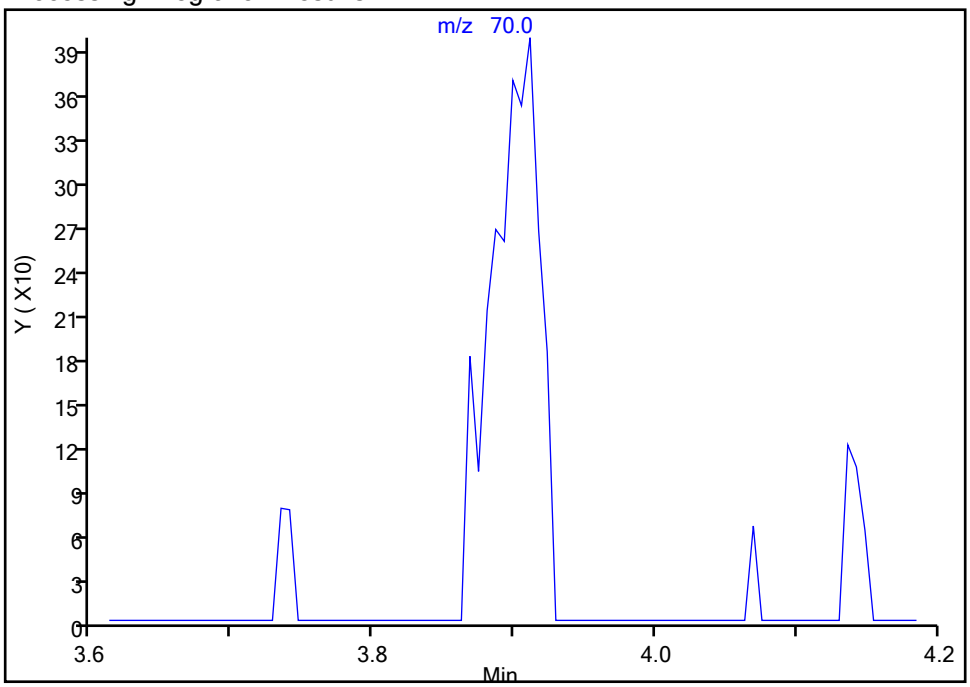
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

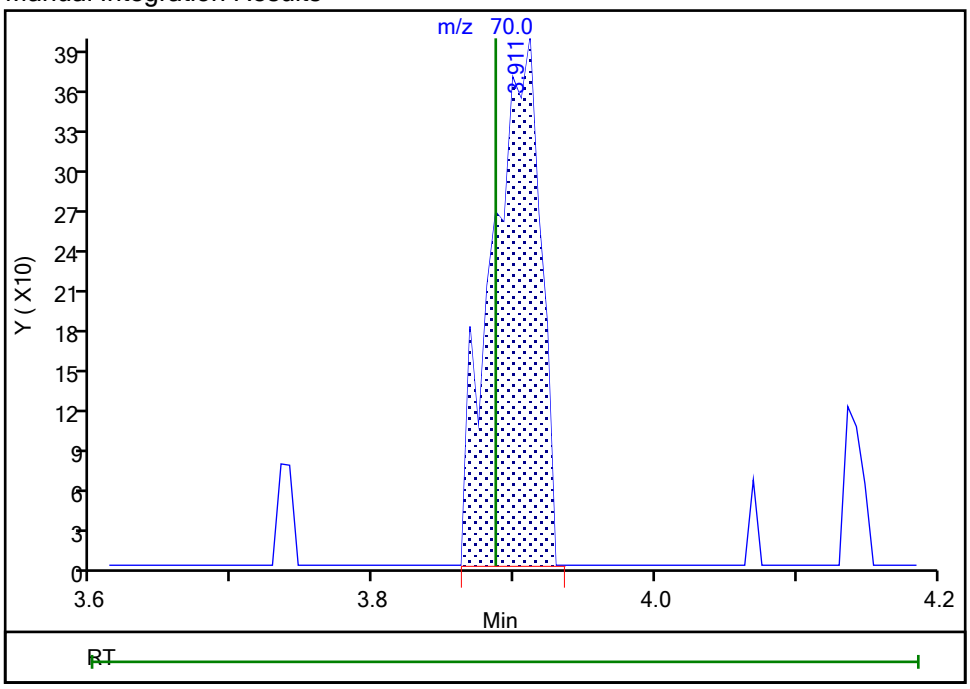
Not Detected
Expected RT: 3.89

Processing Integration Results



Manual Integration Results

RT: 3.91
Area: 939
Amount: 2.561731
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:45:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

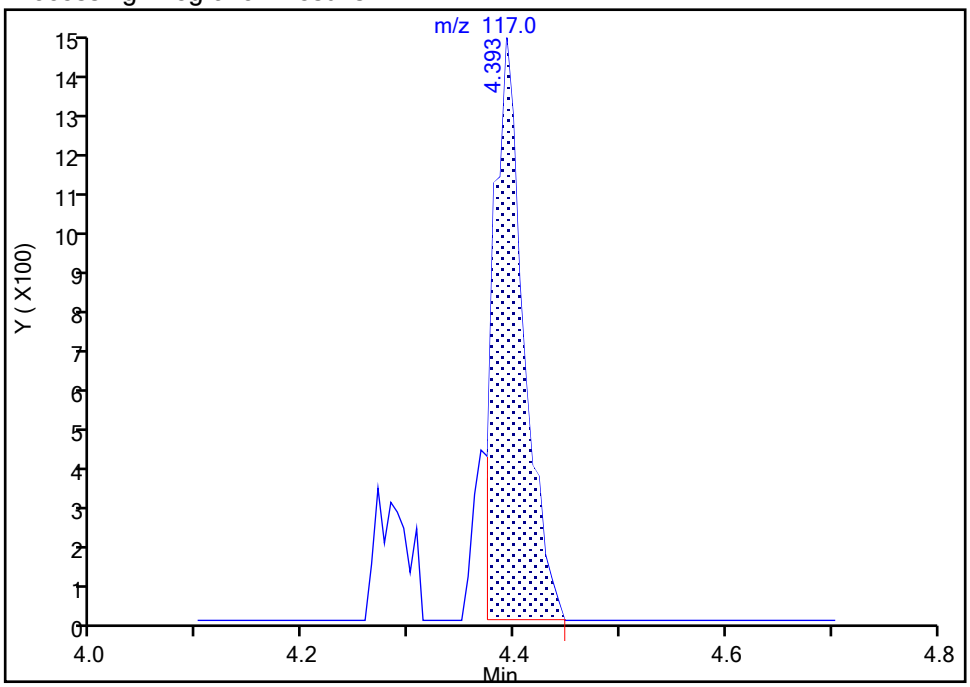
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

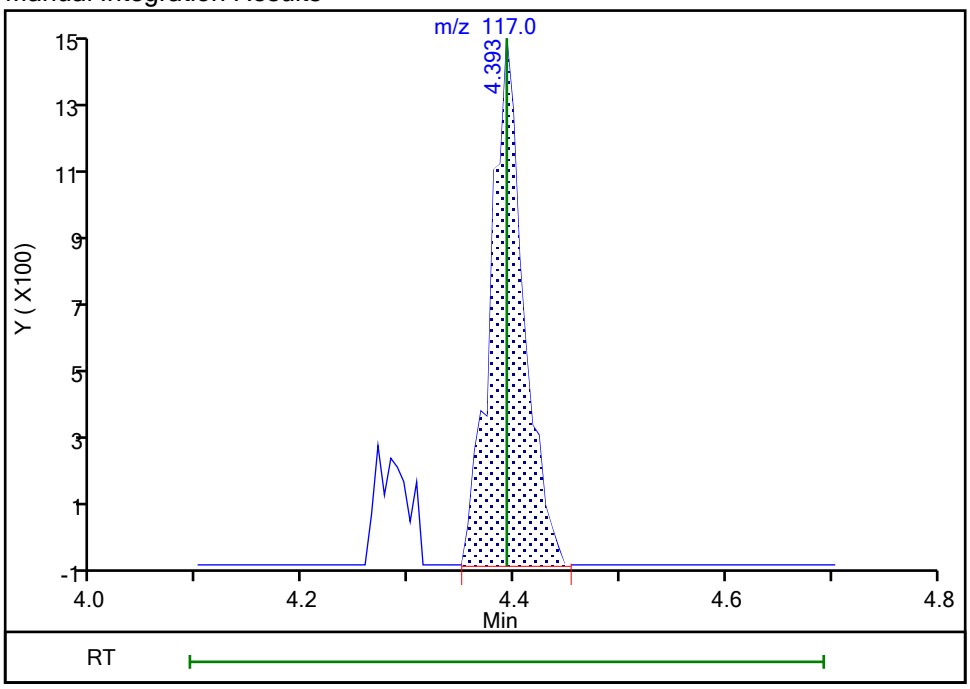
Processing Integration Results

RT: 4.39
Area: 2853
Amount: 1.042949
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 3168
Amount: 1.052355
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:46:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

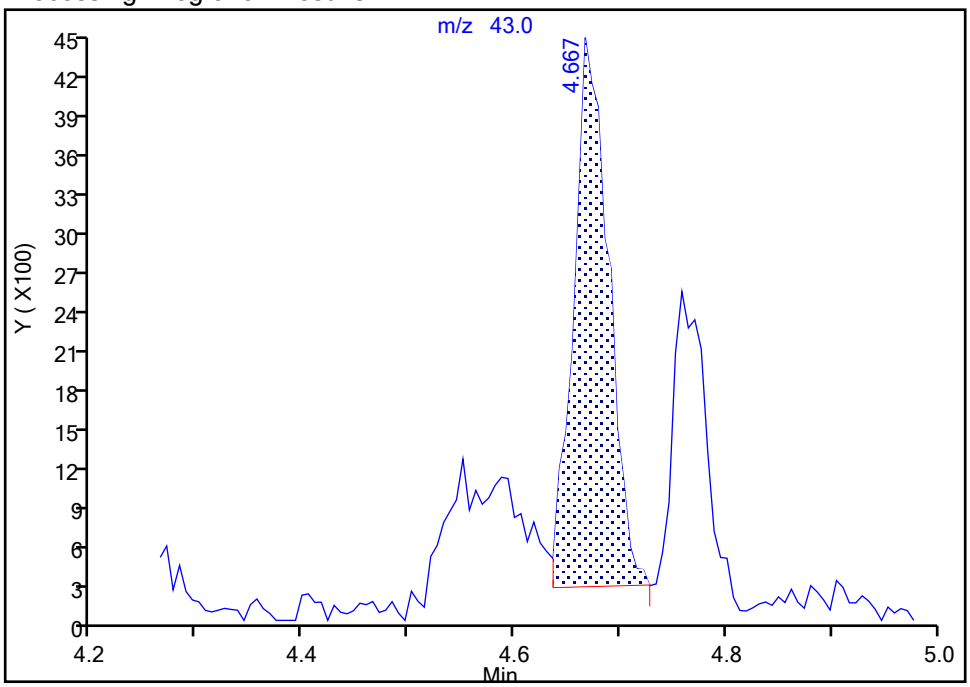
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

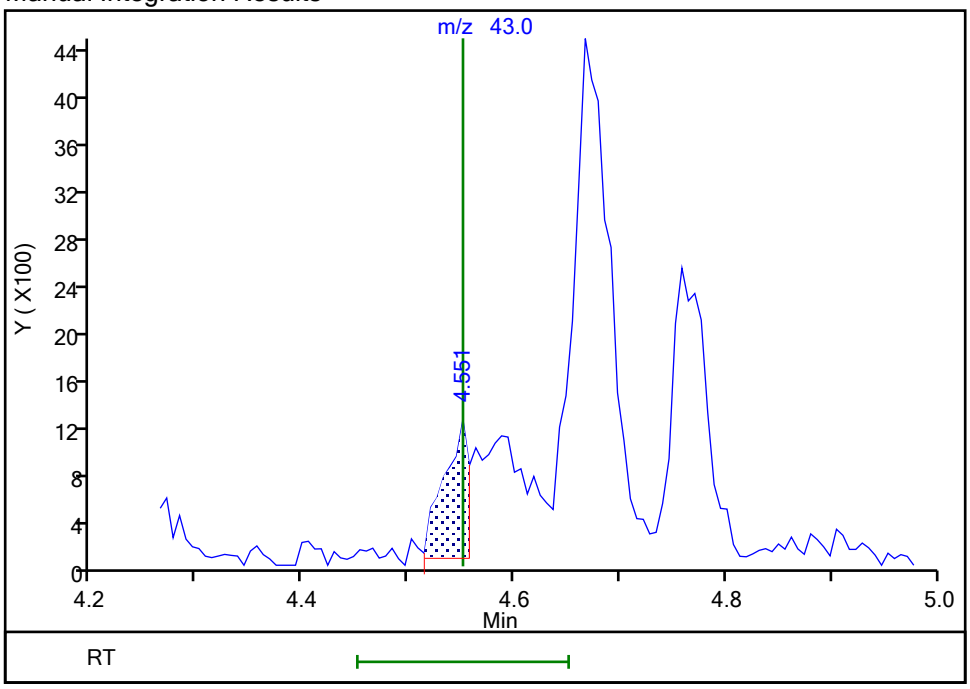
Processing Integration Results

RT: 4.67
Area: 9627
Amount: 99.861092
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 1897
Amount: 21.630439
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:33:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

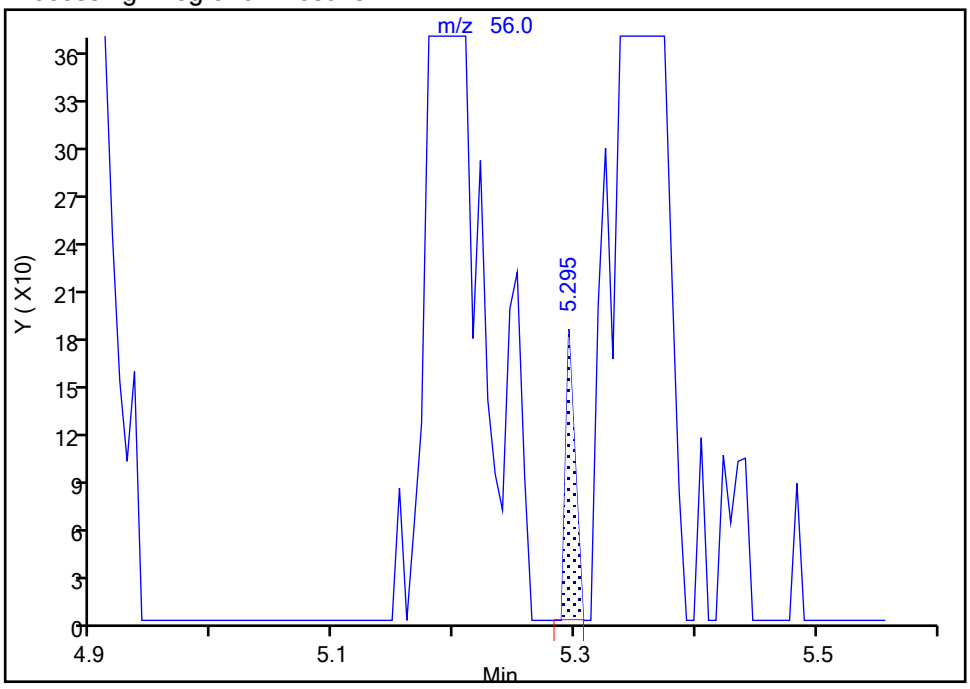
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

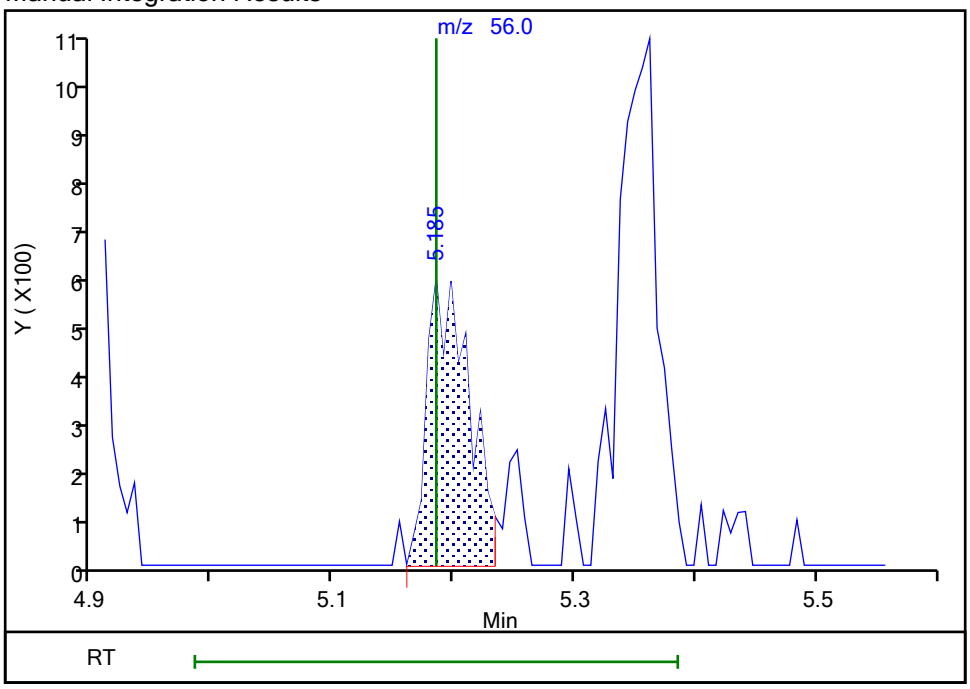
Processing Integration Results

RT: 5.29
Area: 101
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 1331
Amount: 22.680270
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

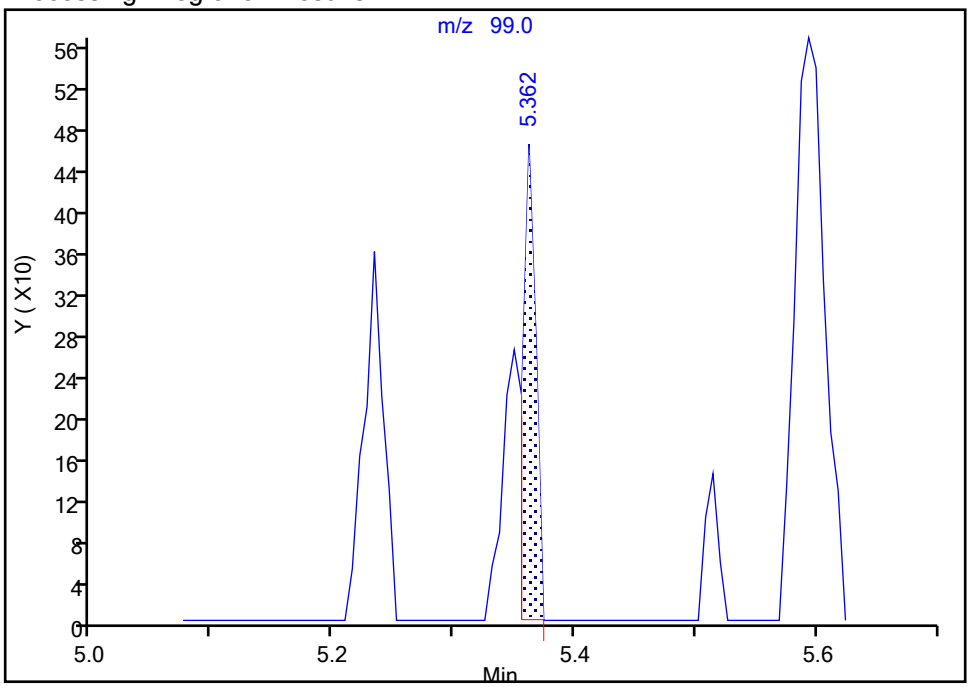
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

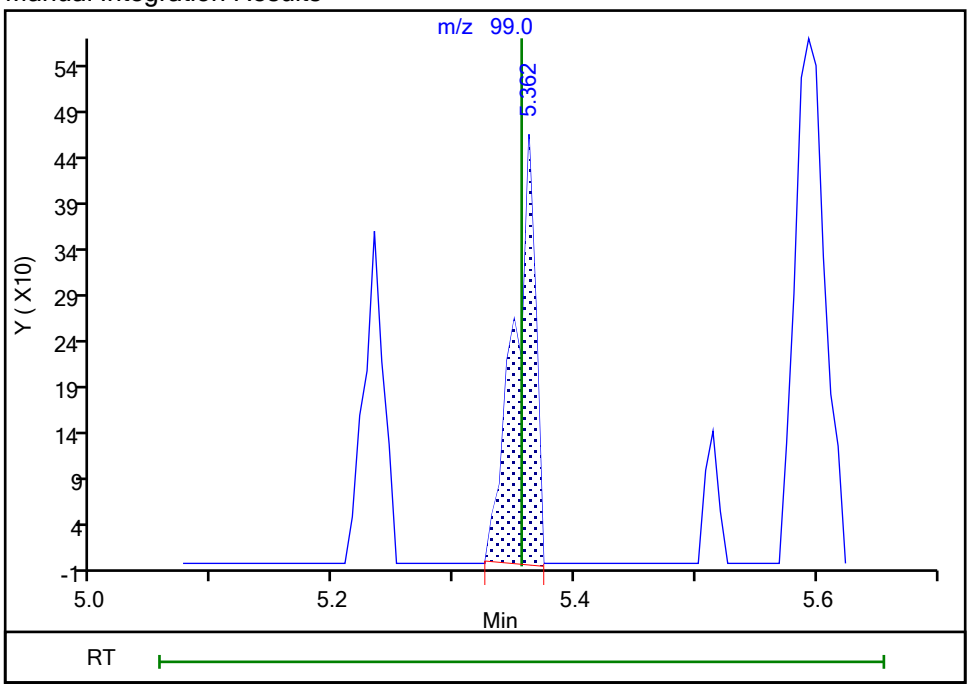
Processing Integration Results

RT: 5.36
Area: 346
Amount: 1.099983
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 572
Amount: 0.987371
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

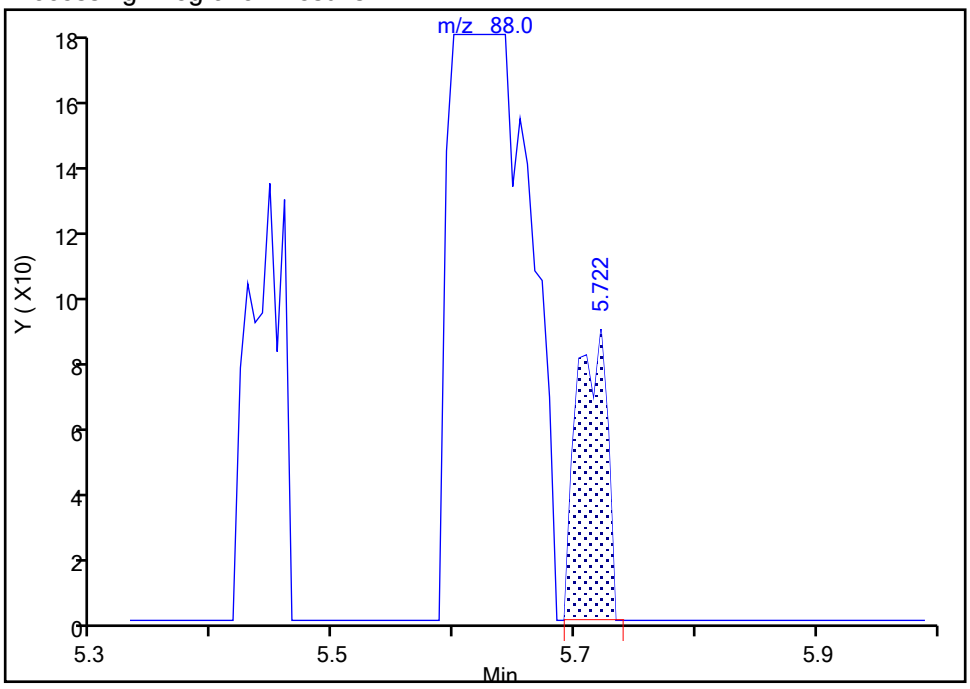
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

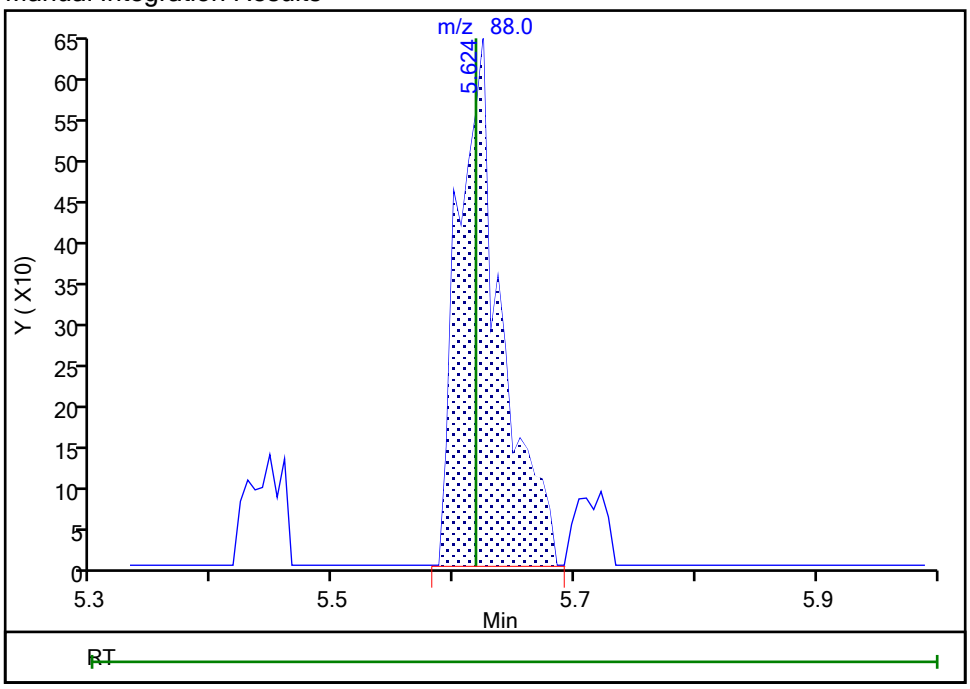
Processing Integration Results

RT: 5.72
Area: 157
Amount: 7.292910
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 1575
Amount: 45.717462
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

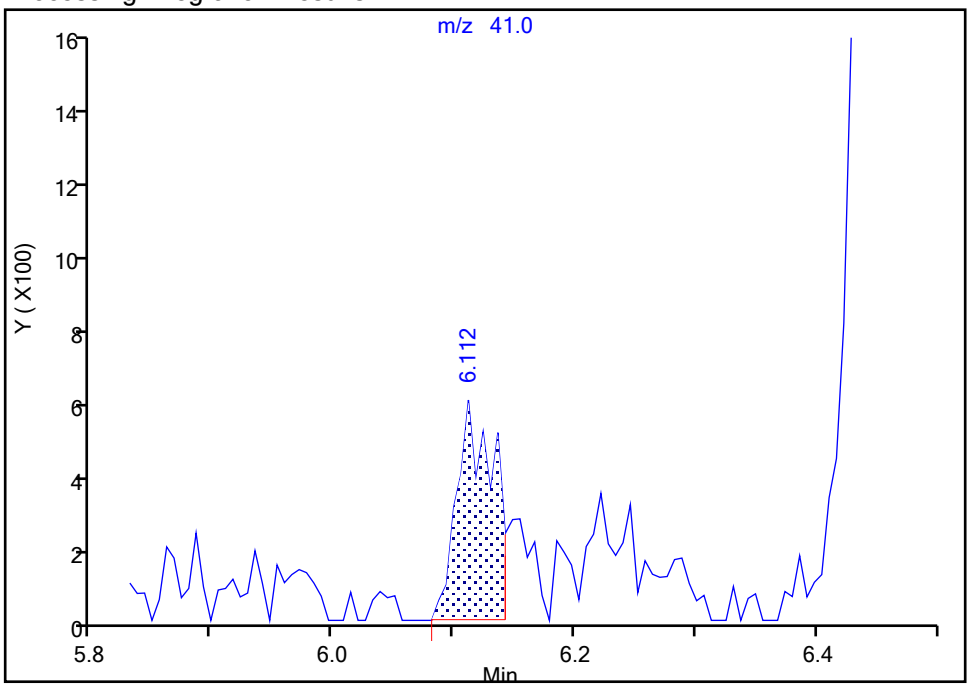
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84412.D
Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

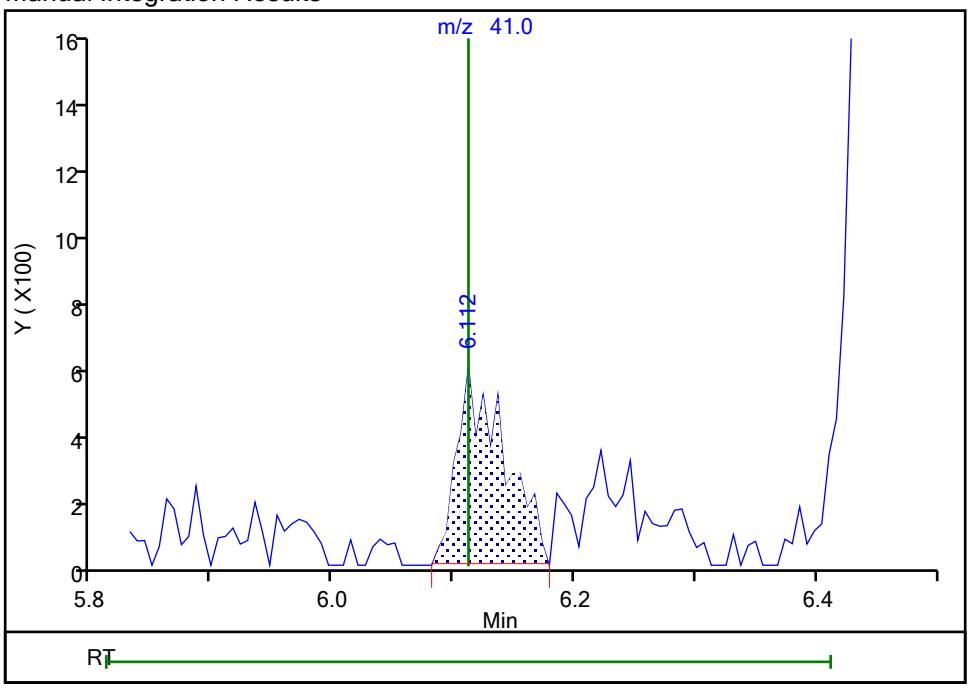
Processing Integration Results

RT: 6.11
Area: 1208
Amount: 2.000000
Amount Units: ug/l



Manual Integration Results

RT: 6.11
Area: 1552
Amount: 3.326051
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:47:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

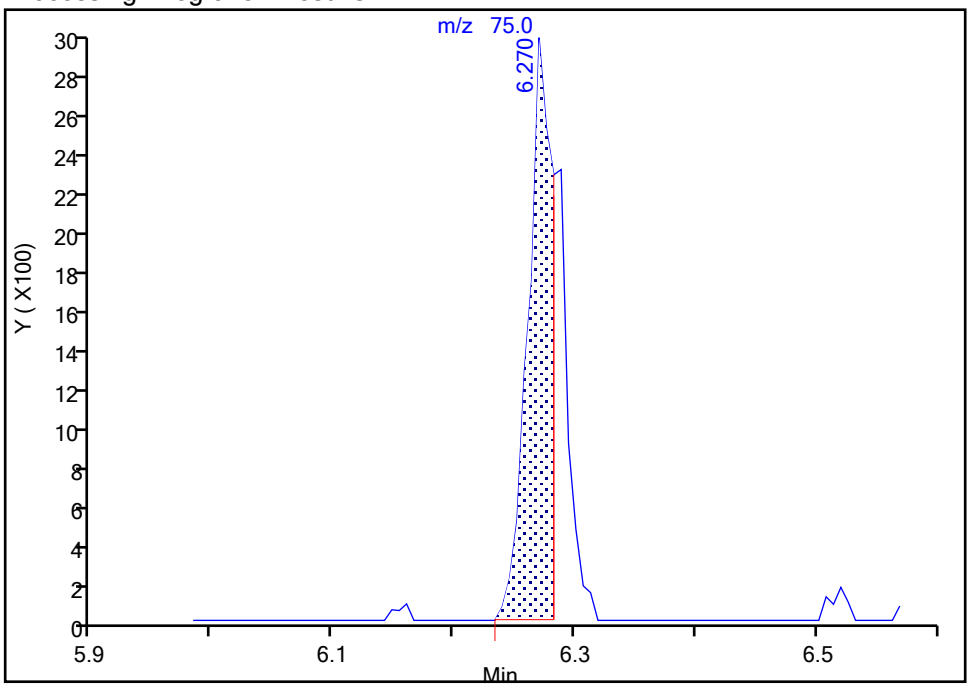
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

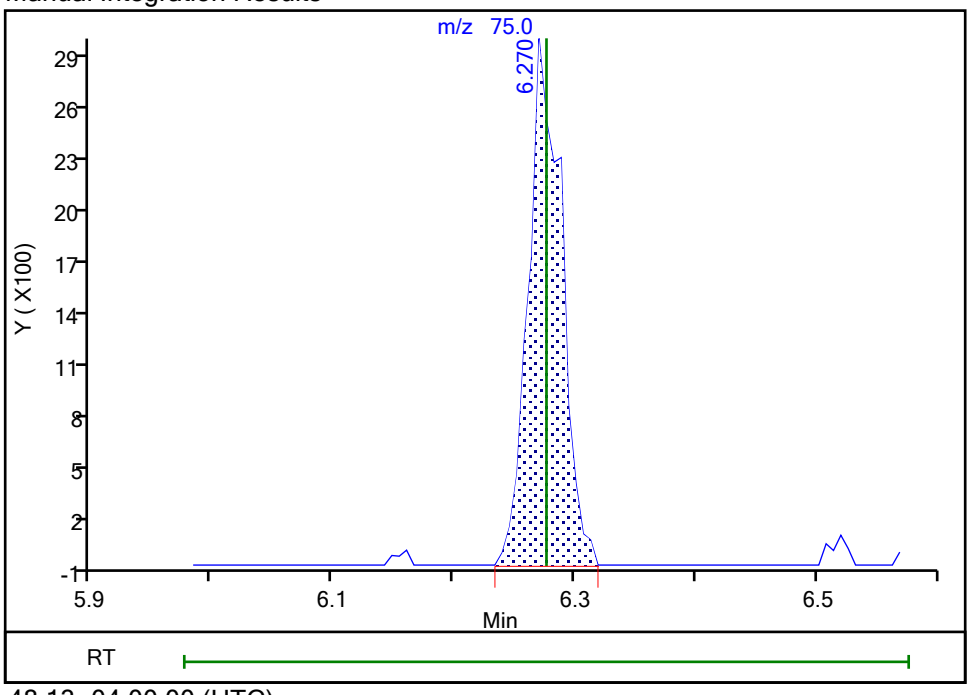
Processing Integration Results

RT: 6.27
Area: 4222
Amount: 0.844153
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 5680
Amount: 1.023859
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

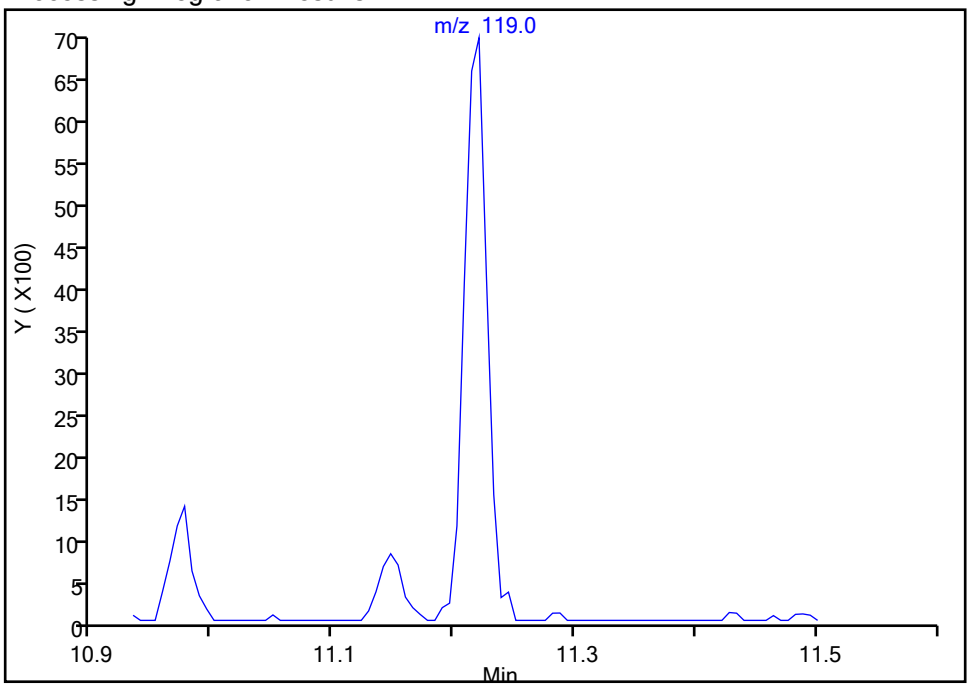
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Injection Date: 30-Aug-2024 08:46:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

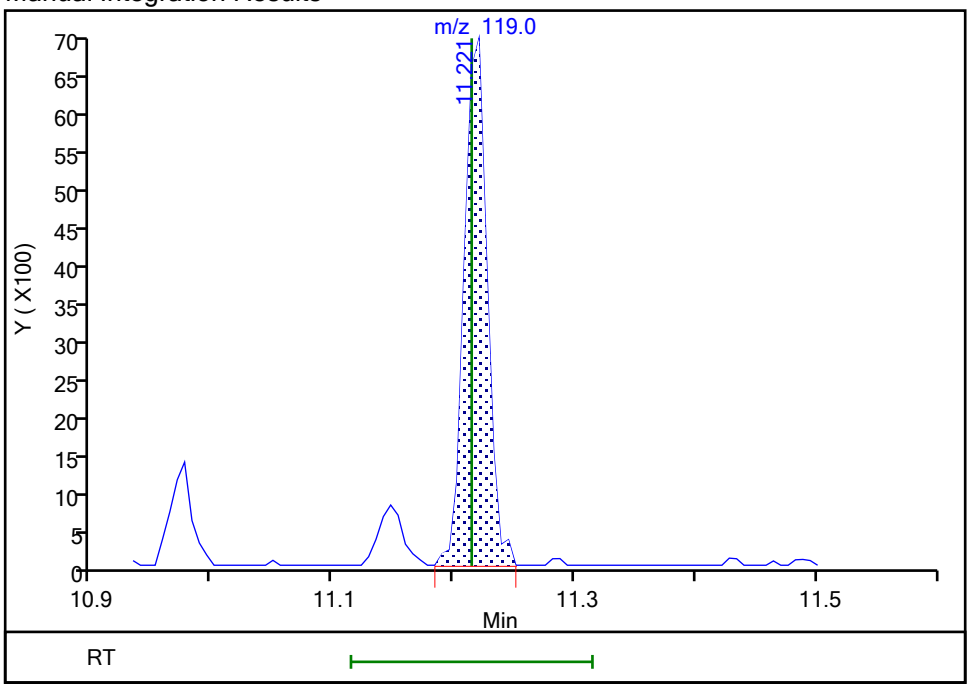
Not Detected
Expected RT: 11.21

Processing Integration Results



Manual Integration Results

RT: 11.22
Area: 9256
Amount: 1.007183
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:48:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Aug-2024 09:05:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0180260-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:11:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:40:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.216	1.235	-0.019	1	190	5.00	3.87	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	58	5195	5.00	7.33	
2 1,1-Difluoroethane	65	1.320	1.320	0.000	97	10504	5.00	5.51	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	90	23398	5.00	5.17	M
5 Chlorodifluoromethane	67	1.350	1.351	-0.001	96	3940	5.00	7.23	
6 Chloromethane	50	1.491	1.491	0.000	99	28347	5.00	5.22	
7 Vinyl chloride	62	1.558	1.558	0.000	96	24663	5.00	5.18	
8 Butadiene	54	1.570	1.570	0.000	97	24498	5.00	5.48	
9 Bromomethane	94	1.820	1.820	0.000	98	18168	5.00	5.40	
10 Chloroethane	64	1.875	1.881	-0.006	99	15726	5.00	5.01	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	43554	5.00	5.43	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	87	25033	5.00	5.20	
13 Pentane	72	2.058	2.070	-0.012	96	5396	10.0	9.52	
14 Ethanol	46	2.228	2.234	-0.006	70	4906	200.0	204.0	M
15 Ethyl ether	74	2.234	2.234	0.000	95	13497	5.00	5.14	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	95	16179	5.00	5.17	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.295	2.302	-0.007	84	16365	5.00	5.39	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	88	28531	5.00	5.33	
19 Acrolein	56	2.393	2.387	0.006	95	12364	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	91	15491	5.00	5.30	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	19159	5.00	5.38	
22 Acetone	43	2.503	2.497	0.006	85	26613	25.0	22.8	
23 Iodomethane	142	2.570	2.570	0.000	96	33312	5.00	5.44	
25 Isopropyl alcohol	45	2.570	2.588	-0.018	31	9537	50.0	56.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	71216	5.00	5.60	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	93	13206	5.00	5.46	
27 Methyl acetate	43	2.728	2.722	0.006	86	28766	10.0	9.61	
28 Cyclopentene	67	2.734	2.734	0.000	93	39689	5.00	5.31	
29 Acetonitrile	41	2.771	2.771	0.000	90	30008	50.0	59.3	Ma
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	41654	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.832	2.838	-0.006	75	23289	5.00	5.28	
32 2-Methyl-2-propanol	59	2.881	2.887	-0.006	92	13076	50.0	48.3	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	97	58732	5.00	5.35	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	21231	5.00	5.55	
35 Acrylonitrile	53	3.076	3.070	0.006	95	77919	50.0	52.6	
36 Hexane	57	3.155	3.155	0.000	93	21905	5.00	5.47	
37 Isopropyl ether	45	3.356	3.356	0.000	97	70772	5.00	5.36	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	70	37466	5.00	5.28	
39 Vinyl acetate	86	3.393	3.393	0.000	100	4982	10.0	8.87	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	17628	5.00	5.49	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	88	63169	5.00	5.37	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	406838	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	47	5417	5.00	4.97	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	94	22915	5.00	5.29	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	95	10594	25.0	24.8	a
46 Ethyl acetate	70	3.899	3.887	0.012	97	3945	10.0	10.5	
47 Methyl acrylate	55	3.941	3.941	0.000	98	14680	5.00	4.64	
48 Propionitrile	54	4.008	4.009	-0.001	98	28865	50.0	60.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	5140	10.0	10.0	
49 Chlorobromomethane	128	4.088	4.088	0.000	88	11256	5.00	5.32	
51 Methacrylonitrile	67	4.106	4.112	-0.006	93	81049	50.0	54.2	
52 Chloroform	83	4.136	4.143	-0.007	97	34774	5.00	5.50	
53 Cyclohexane	84	4.258	4.271	-0.013	31	26195	5.00	5.36	a
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	39	25804	5.00	5.54	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	184231	50.0	50.5	
56 Carbon tetrachloride	117	4.386	4.393	-0.007	95	15456	5.00	5.02	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	26399	5.00	5.51	
58 Isobutyl alcohol	43	4.557	4.551	0.006	67	10579	125.0	116.8	Ma
59 Isooctane	57	4.588	4.582	0.006	97	57756	5.00	5.13	
60 Benzene	78	4.606	4.612	-0.006	96	82447	5.00	5.24	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	214599	50.0	49.8	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	93	62126	5.00	5.20	
63 Isopropyl acetate	61	4.667	4.673	-0.006	92	10035	5.00	5.10	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	94	26557	5.00	5.40	
65 n-Heptane	100	4.771	4.771	0.000	92	3828	5.00	5.76	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	753377	50.0	50.0	
67 n-Butanol	56	5.179	5.185	-0.006	86	7535	125.0	124.3	
68 Trichloroethene	95	5.228	5.228	0.000	97	18897	5.00	5.29	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	27517	5.00	4.93	
70 Ethyl acrylate	99	5.350	5.356	-0.006	95	2273	5.00	3.84	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	90	21016	5.00	5.26	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	36410	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	8139	10.0	9.69	
75 1,4-Dioxane	88	5.624	5.618	0.006	27	4008	100.0	101.3	a
74 Dibromomethane	93	5.630	5.630	0.000	94	12311	5.00	5.36	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	23308	5.00	4.50	
77 Dichlorobromomethane	83	5.783	5.783	-0.001	99	21255	5.00	5.13	
78 2-Nitropropane	41	6.118	6.112	0.006	70	5247	10.0	11.0	
79 2-Chloroethyl vinyl ether	63	6.118	6.124	-0.006	89	12947	5.01	5.22	
80 Epichlorohydrin	57	6.221	6.222	-0.001	99	34795	100.0	100.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	28882	5.00	5.05	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	36688	25.0	25.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	710246	50.0	49.2	
84 Toluene	91	6.587	6.587	0.000	93	83026	5.00	4.91	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	22923	5.00	4.76	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	18880	5.00	3.76	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	95	13911	5.00	5.01	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	19255	5.00	5.43	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	94	28531	5.00	5.11	
90 2-Hexanone	43	7.422	7.423	0.000	97	60986	25.0	26.8	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	23134	5.00	4.55	
92 Chlorodibromomethane	129	7.575	7.575	0.000	96	12161	5.00	4.60	
93 Ethylene Dibromide	107	7.727	7.721	0.006	97	15537	5.00	4.99	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	538603	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	94	53911	5.00	5.48	
96 Ethylbenzene	106	8.410	8.410	0.000	99	27662	5.00	5.21	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	89	12287	5.00	4.30	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	33020	5.00	5.19	
99 o-Xylene	106	9.087	9.087	0.000	93	32707	5.00	5.04	
100 n-Butyl acrylate	73	9.093	9.087	0.006	55	9687	5.00	4.50	
101 Styrene	104	9.123	9.123	0.000	98	55715	5.00	5.42	
102 Bromoform	173	9.367	9.367	0.000	64	6654	5.00	4.61	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	92	24414	5.00	3.11	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	75249	5.00	5.10	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	228299	50.0	50.4	
106 Bromobenzene	156	9.898	9.898	0.000	98	22820	5.00	5.31	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.971	-0.006	98	21405	5.00	5.16	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	101645	5.00	5.22	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	96	6461	5.00	5.46	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	70	3923	5.00	4.09	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	71886	5.00	5.26	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	84022	5.00	5.15	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	67688	5.00	5.01	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	67840	5.00	5.16	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	13540	5.00	2.59	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	56847	5.00	5.01	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	73188	5.00	5.20	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	88591	5.00	5.15	
119 1,3-Dichlorobenzene	146	10.849	10.855	-0.006	97	44299	5.00	5.28	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	78832	5.00	5.35	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	301749	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	94	43024	5.00	5.14	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	78236	5.00	5.12	
124 Benzyl chloride	91	11.086	11.086	0.000	99	25014	5.00	4.23	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	76935	5.00	5.30	
126 p-Diethylbenzene	119	11.220	11.214	0.006	93	49589	5.00	5.27	a
127 n-Butylbenzene	92	11.239	11.239	0.000	97	42601	5.00	5.28	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	95	42495	5.00	5.15	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	76366	5.00	5.18	
130 1,2-Dibromo-3-Chloropropane	155	11.964	11.970	-0.006	86	2144	5.00	3.67	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	35371	5.00	5.03	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	33454	5.00	5.31	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	17169	5.00	5.29	
134 Naphthalene	128	12.775	12.775	0.000	99	75281	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	94	32618	5.00	5.04	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.81	
S 140 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
GASES Li_00600	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:11:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D

Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17

Lims ID: STD5

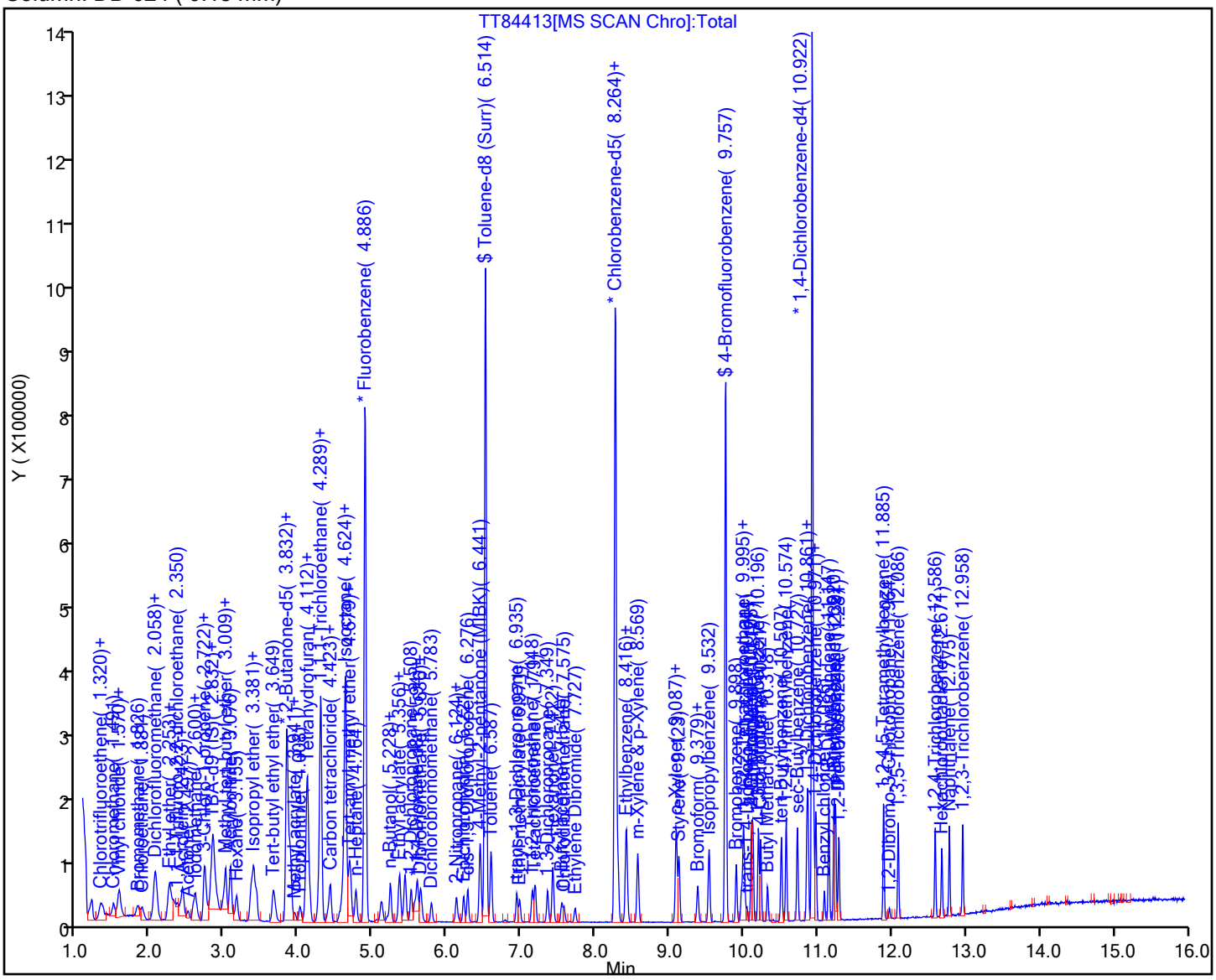
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

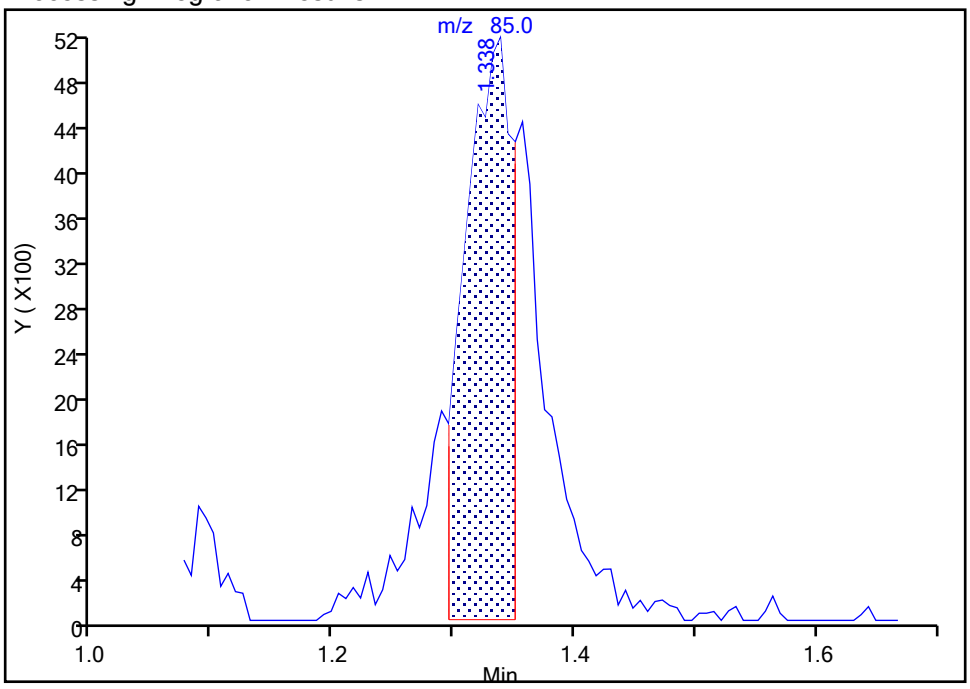
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

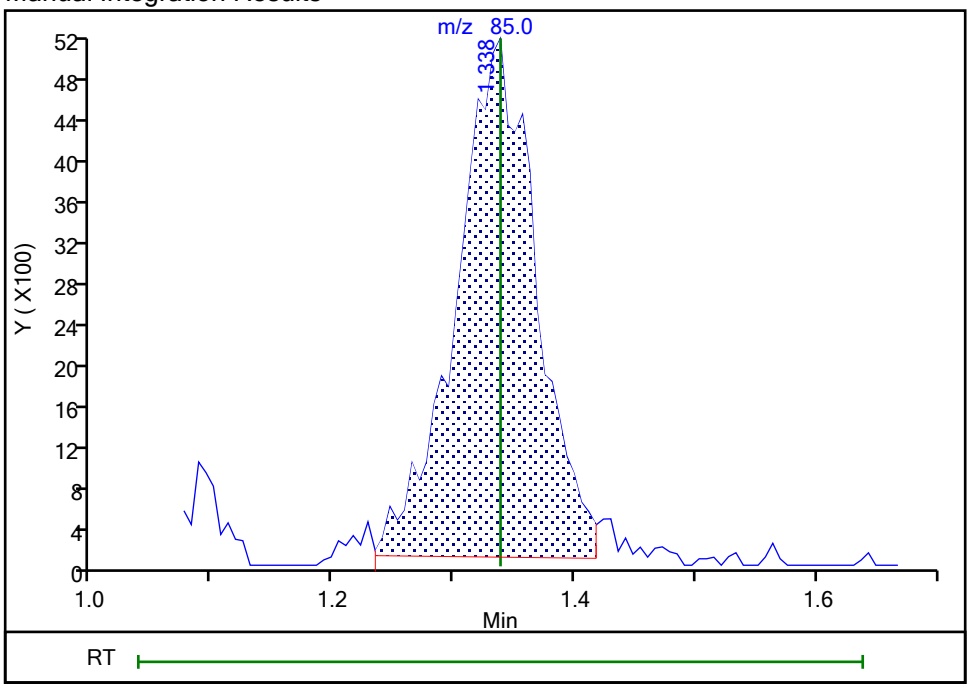
Processing Integration Results

RT: 1.34
Area: 14208
Amount: 4.998733
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 23398
Amount: 5.165415
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:37:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

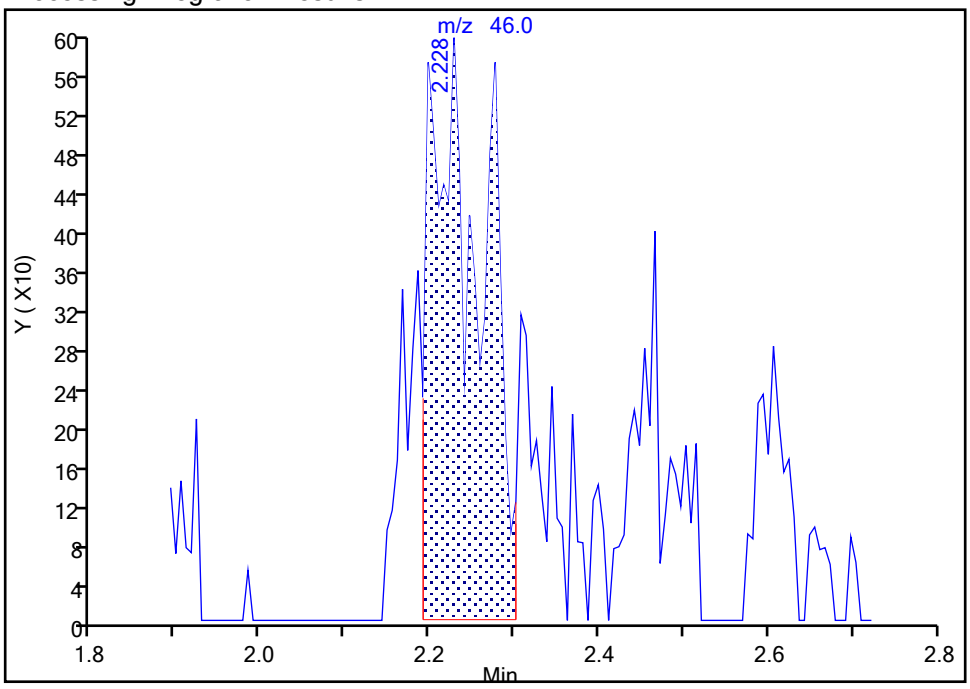
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

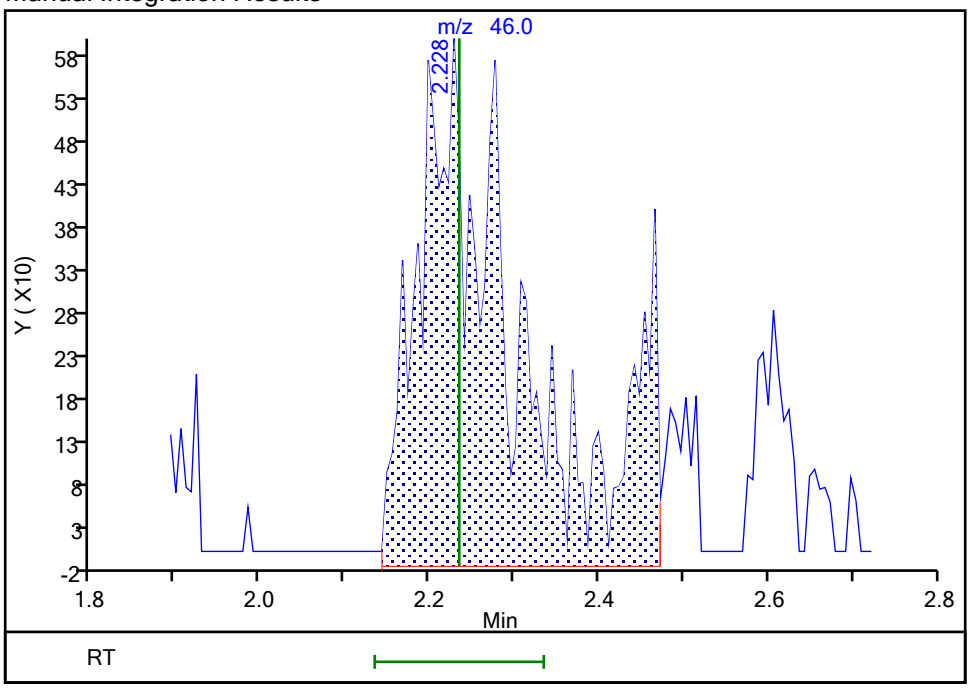
Processing Integration Results

RT: 2.23
Area: 2550
Amount: 198.8132
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 4906
Amount: 204.0450
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:34:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

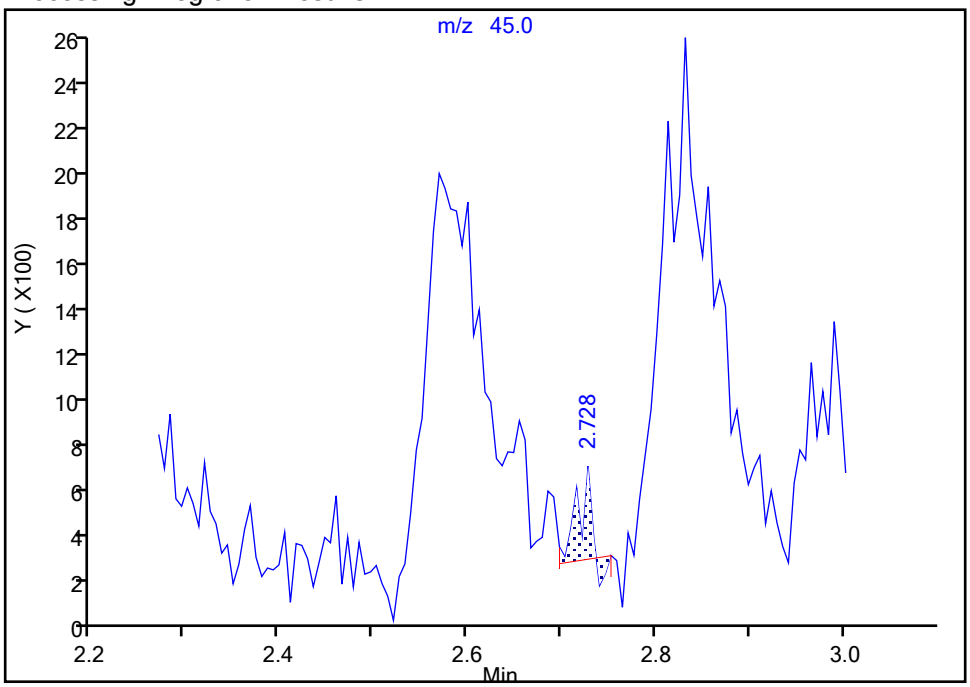
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

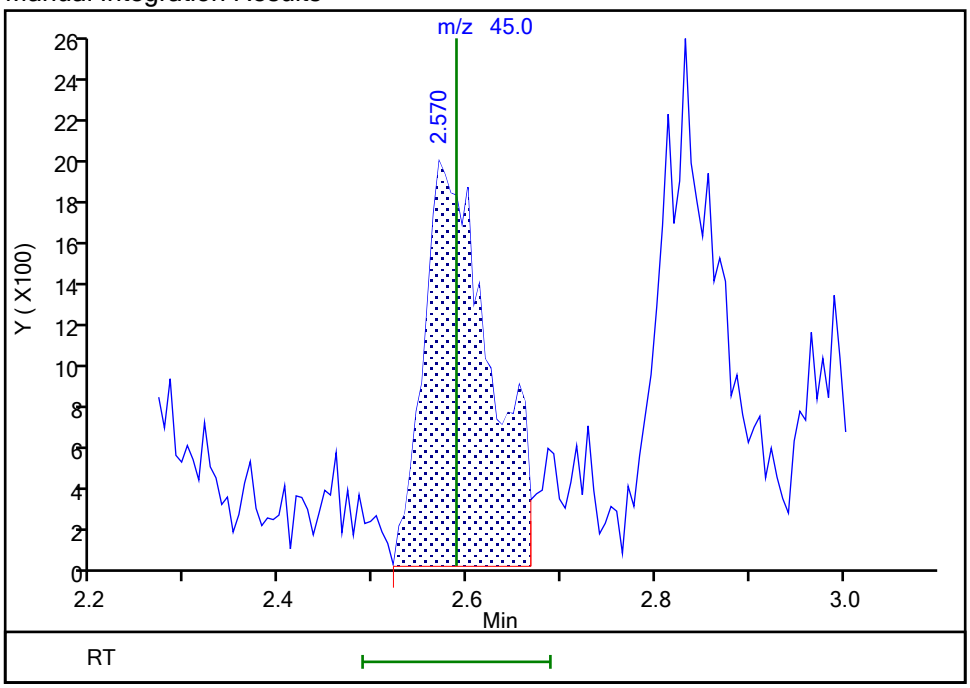
Processing Integration Results

RT: 2.73
Area: 338
Amount: 12.208539
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 9537
Amount: 56.298762
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:00:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

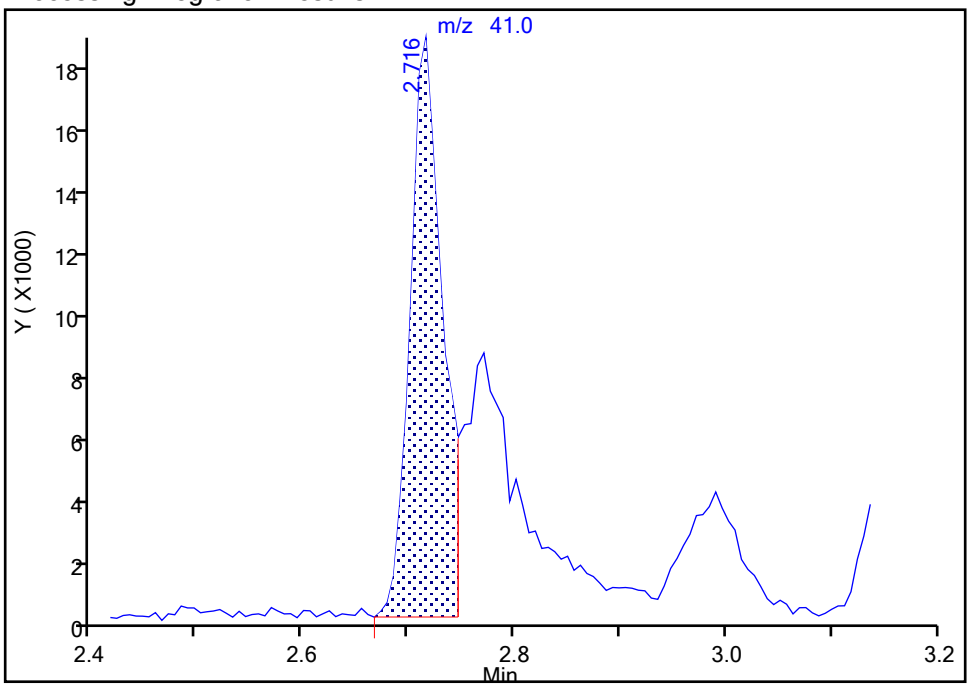
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

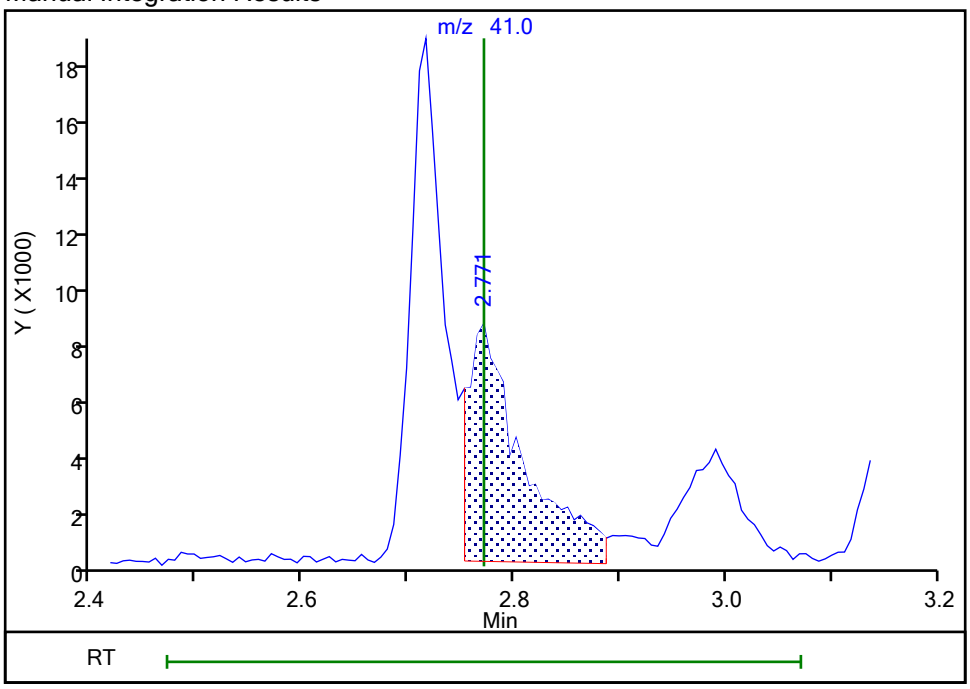
Processing Integration Results

RT: 2.72
Area: 38907
Amount: 45.604081
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 30008
Amount: 59.255226
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

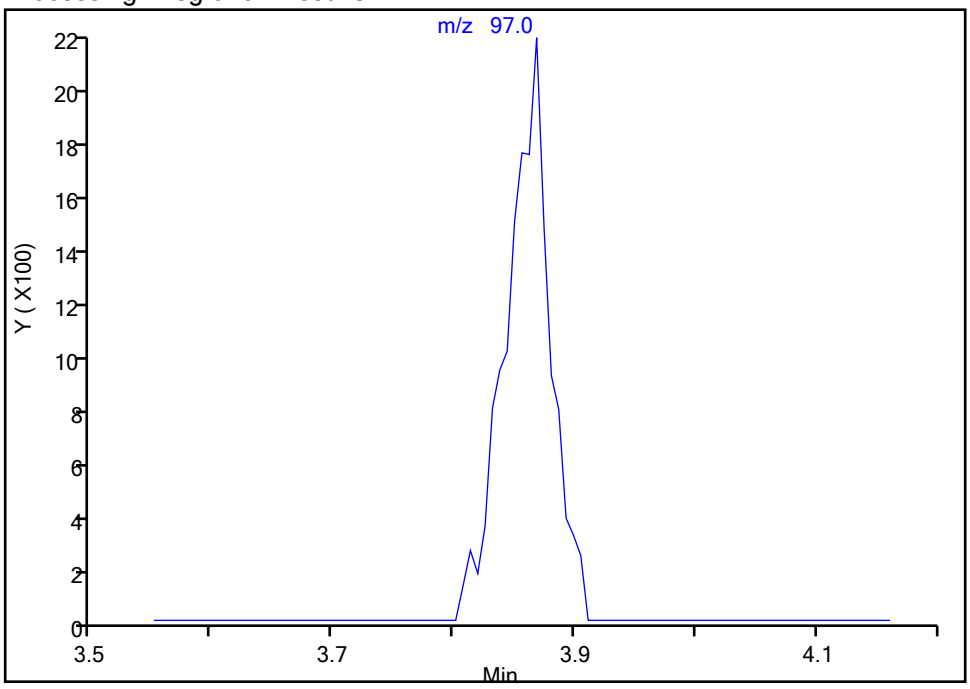
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

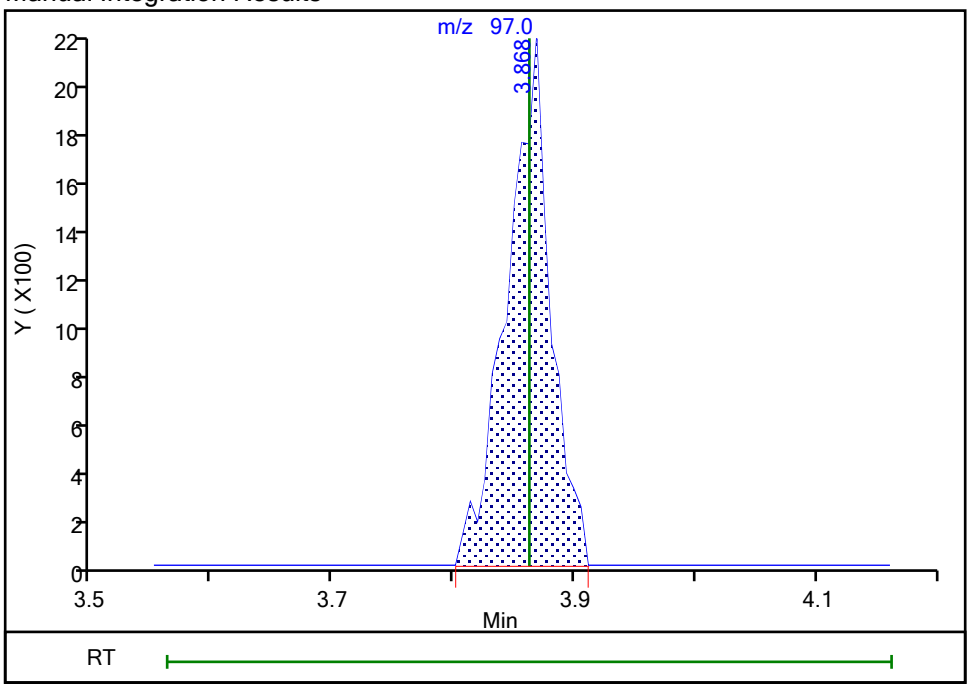
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 5417
Amount: 4.969328
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:38:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

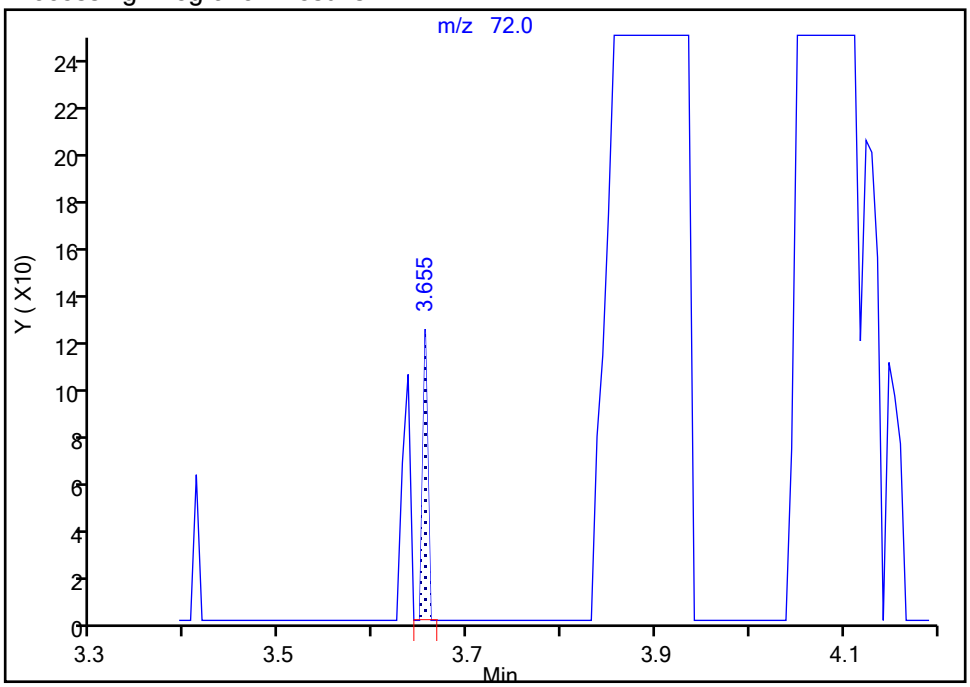
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

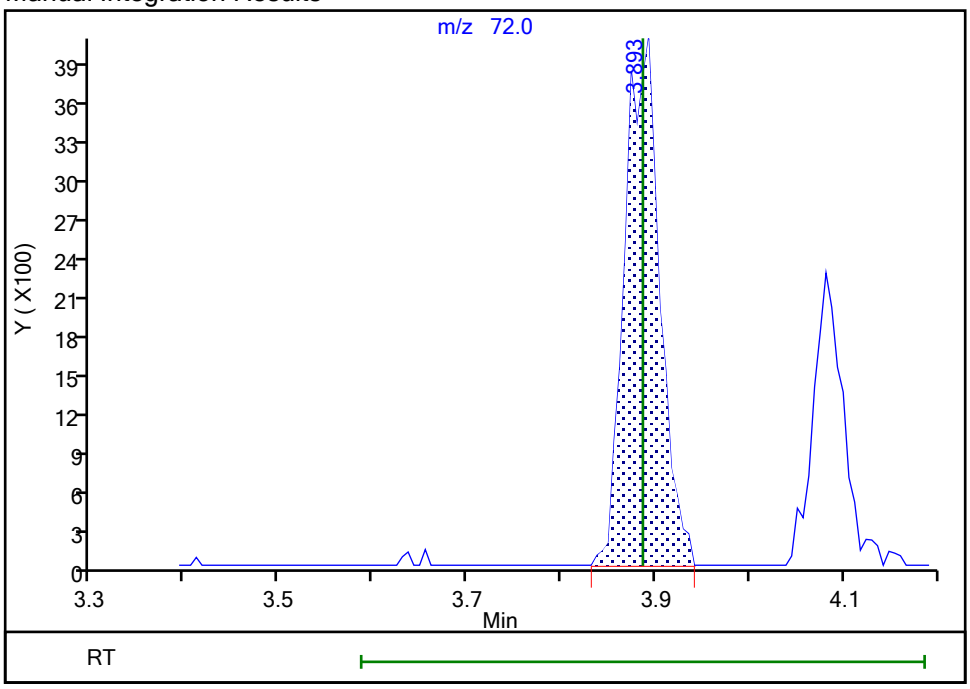
Processing Integration Results

RT: 3.65
Area: 45
Amount: 0.140999
Amount Units: ug/l



Manual Integration Results

RT: 3.89
Area: 10594
Amount: 24.795886
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

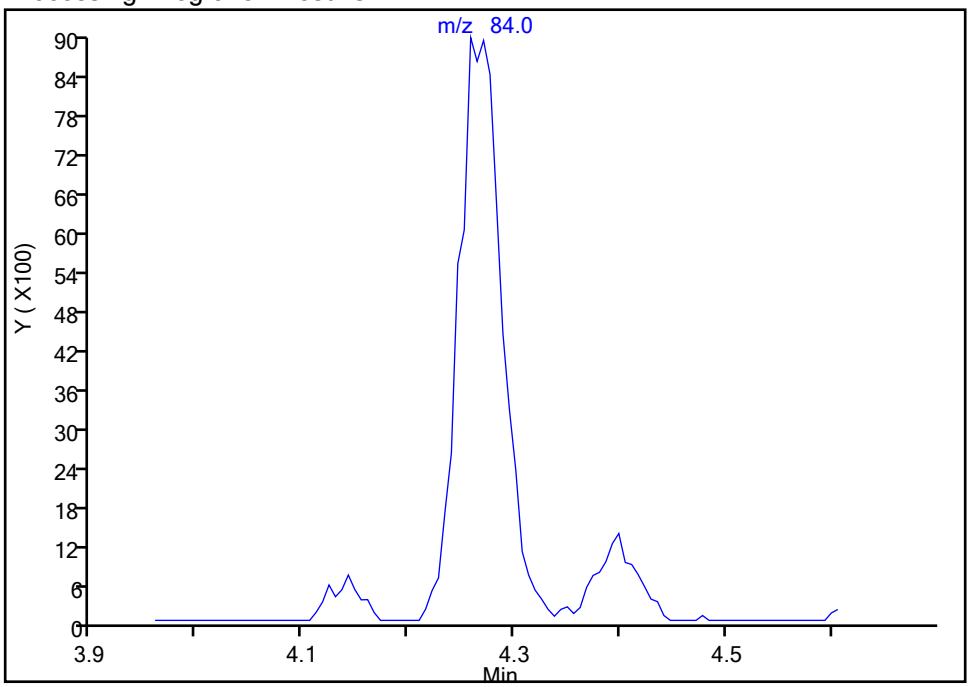
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

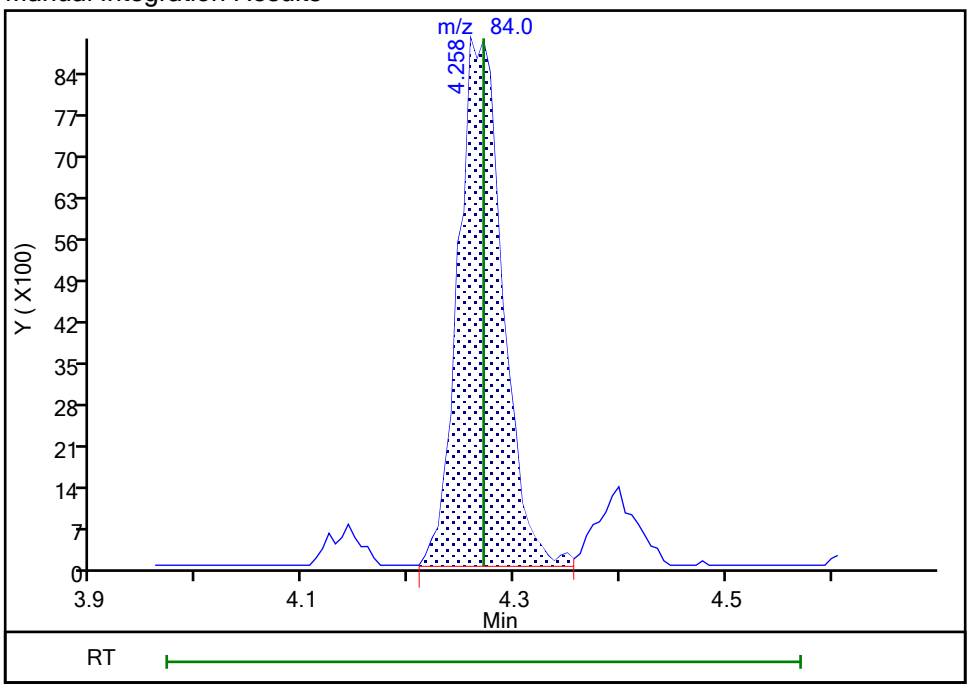
Not Detected
Expected RT: 4.27

Processing Integration Results



Manual Integration Results

RT: 4.26
Area: 26195
Amount: 5.359147
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:39:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

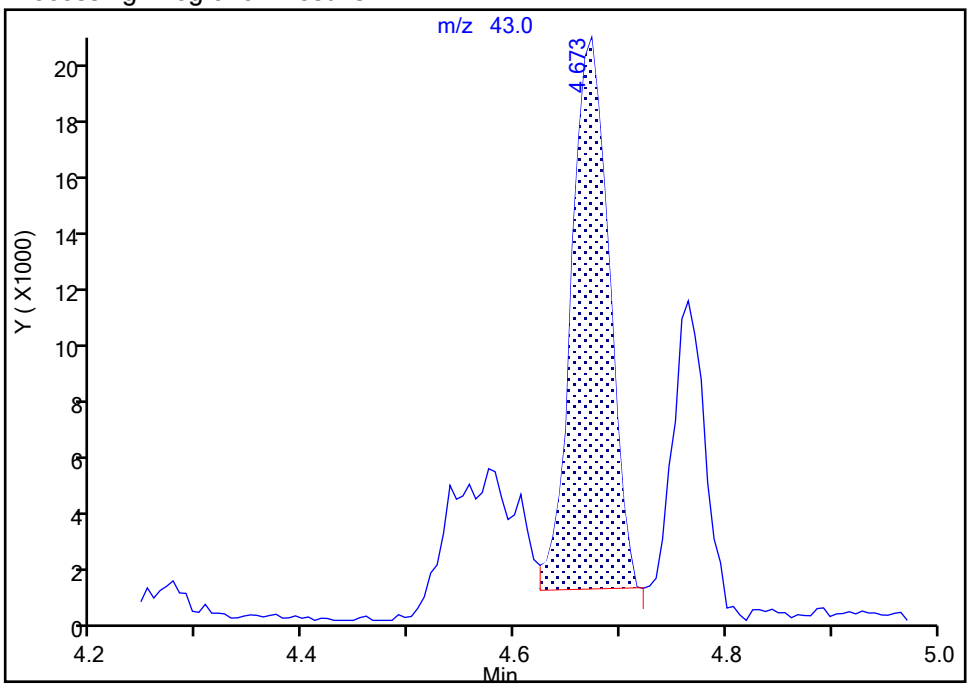
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

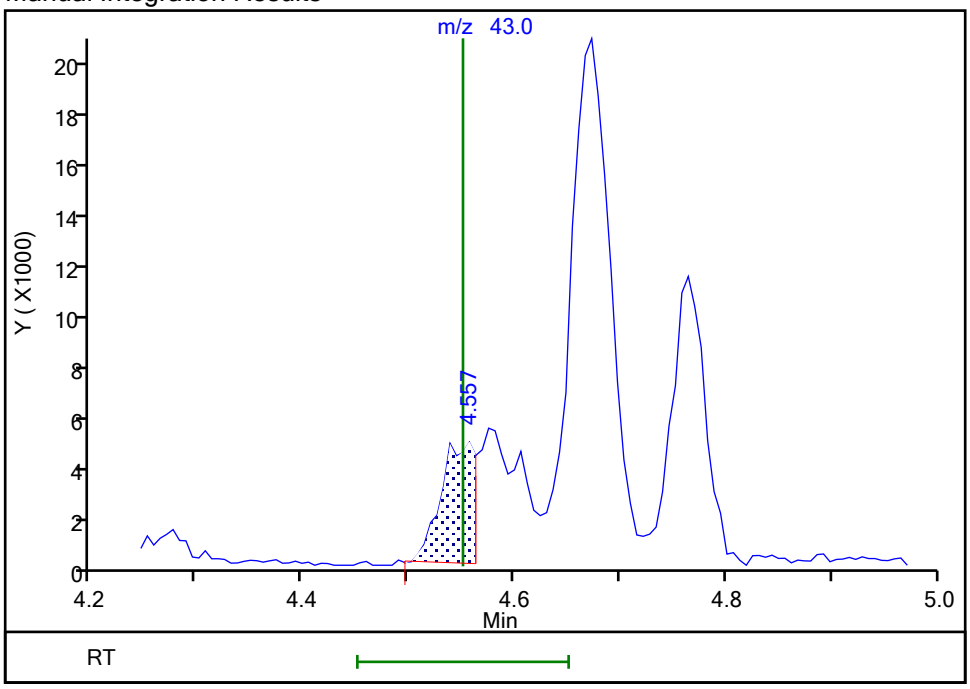
Processing Integration Results

RT: 4.67
Area: 47019
Amount: 120.6029
Amount Units: ug/l



Manual Integration Results

RT: 4.56
Area: 10579
Amount: 116.8039
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:35:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Eurofins Edison

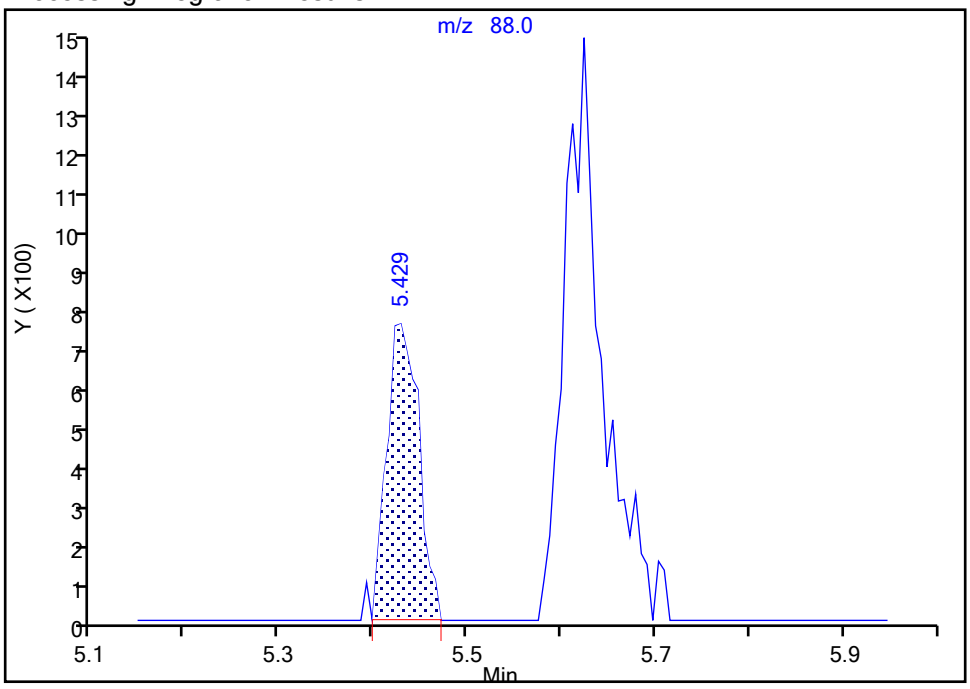
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

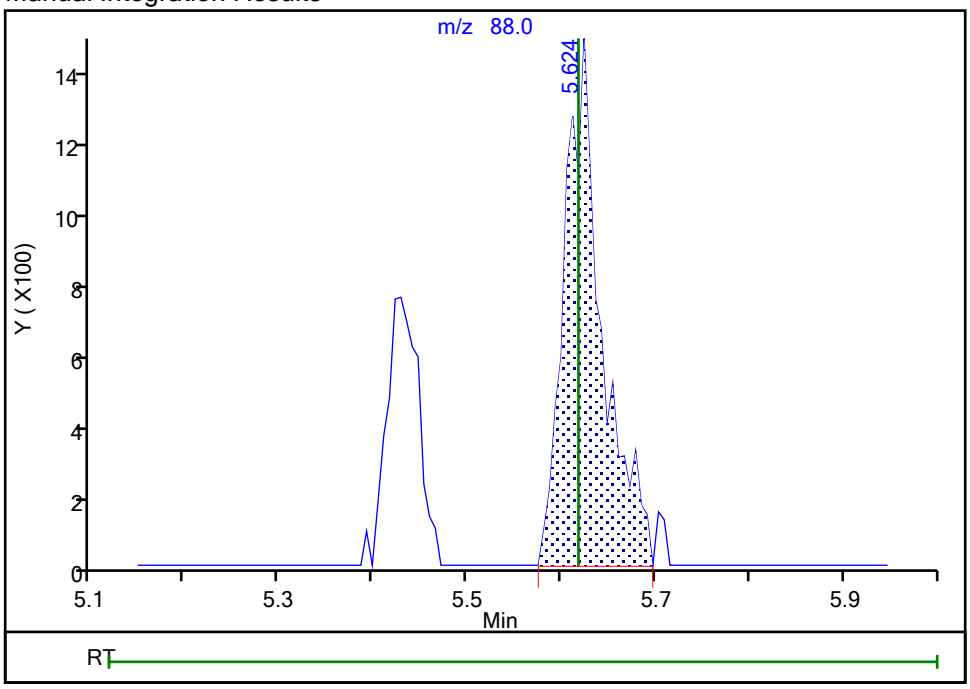
Processing Integration Results

RT: 5.43
Area: 1745
Amount: 101.5721
Amount Units: ug/l



Manual Integration Results

RT: 5.62
Area: 4008
Amount: 101.3031
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

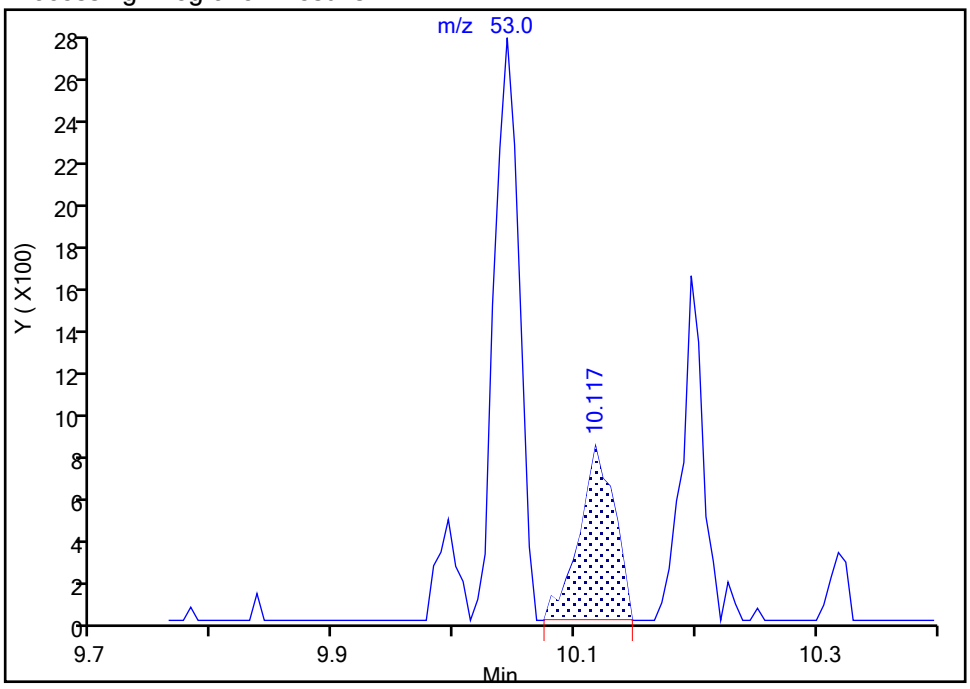
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

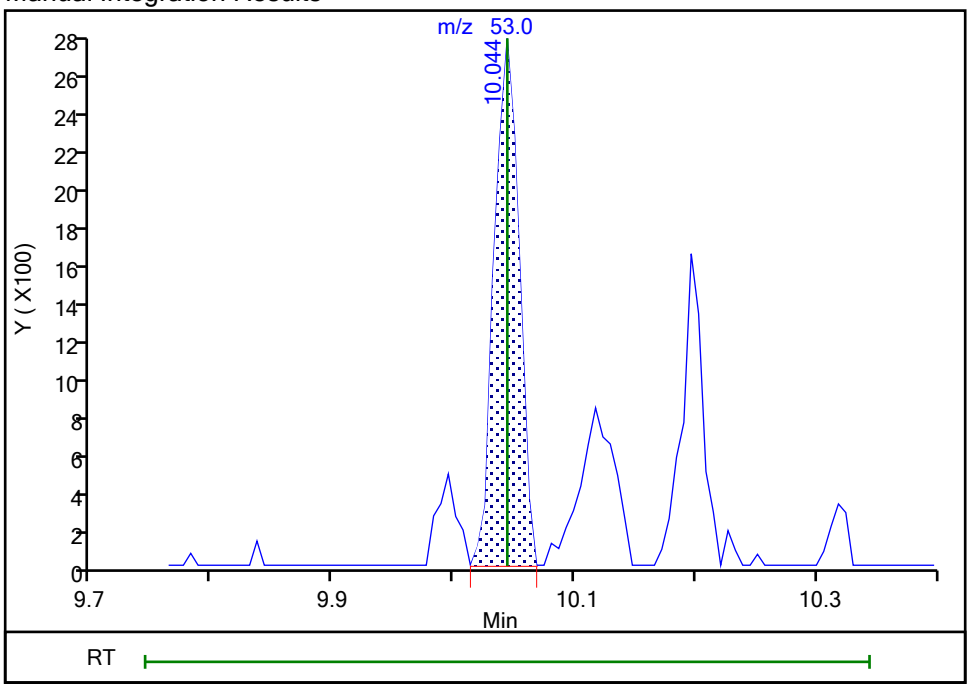
Processing Integration Results

RT: 10.12
Area: 1662
Amount: 2.659807
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 3923
Amount: 4.091967
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

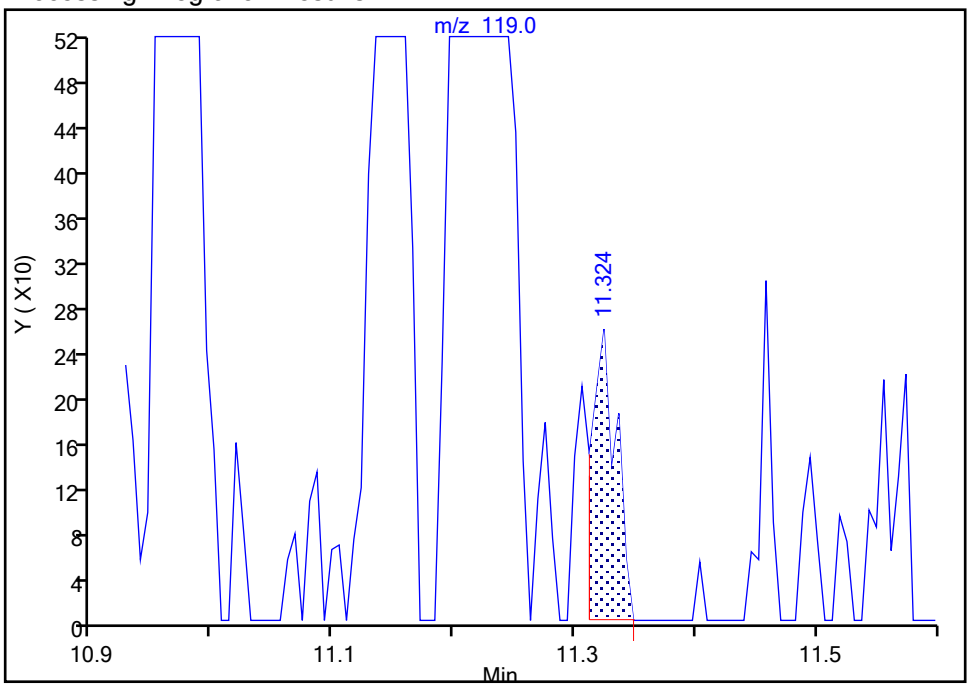
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84413.D
Injection Date: 30-Aug-2024 09:05:30 Instrument ID: CVOAMS17
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

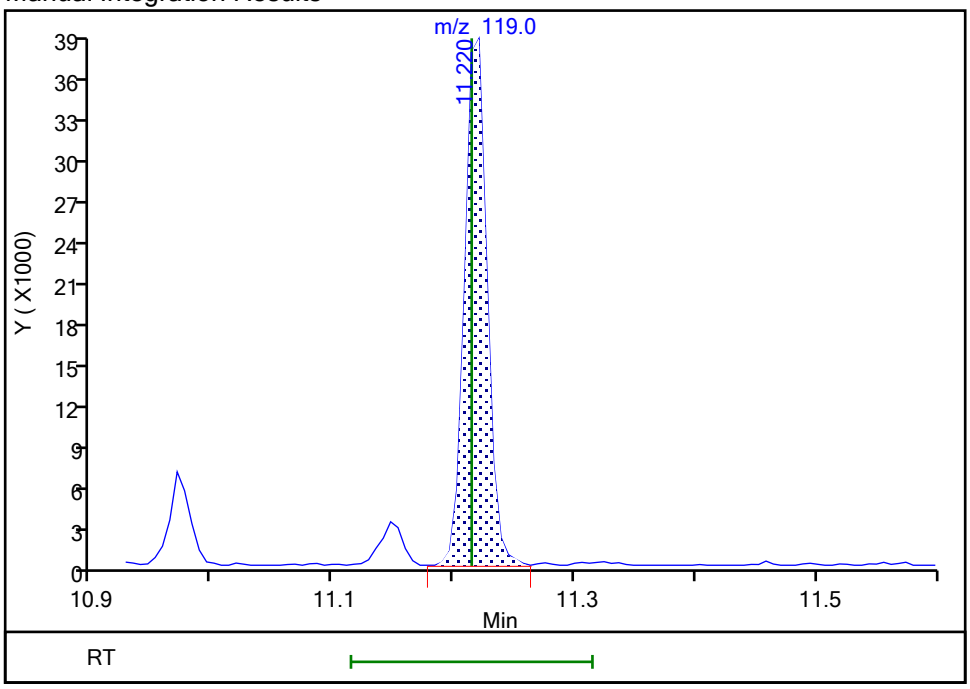
Processing Integration Results

RT: 11.32
Area: 360
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 11.22
Area: 49589
Amount: 5.266029
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:40:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 30-Aug-2024 09:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0180260-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:04 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 09:59:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	44	1170	20.0	22.4	a
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	51	19442	20.0	27.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	37121	20.0	19.5	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	64	90798	20.0	20.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	13027	20.0	23.9	a
6 Chloromethane	50	1.491	1.491	0.000	99	112662	20.0	20.8	
7 Vinyl chloride	62	1.558	1.558	0.000	97	93409	20.0	19.7	
8 Butadiene	54	1.570	1.570	0.000	96	91514	20.0	20.5	
9 Bromomethane	94	1.820	1.820	0.000	99	69906	20.0	20.9	
10 Chloroethane	64	1.881	1.881	0.000	99	56795	20.0	18.2	
11 Dichlorofluoromethane	67	2.039	2.039	0.000	98	155424	20.0	19.5	
12 Trichlorofluoromethane	101	2.052	2.052	0.000	56	97371	20.0	20.3	
13 Pentane	72	2.070	2.070	0.000	97	12371	40.0	22.0	
14 Ethanol	46	2.234	2.234	0.000	75	14031	800.0	746.2	
15 Ethyl ether	74	2.234	2.234	0.000	95	45741	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	46358	20.0	14.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	64690	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	94	106189	20.0	19.9	
19 Acrolein	56	2.387	2.387	0.000	97	27263	40.0	42.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	83	39322	20.0	13.5	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	53707	20.0	15.1	
22 Acetone	43	2.497	2.497	0.000	87	98299	100.0	83.5	
23 Iodomethane	142	2.570	2.570	0.000	96	112682	20.0	18.5	
25 Isopropyl alcohol	45	2.588	2.588	0.000	31	32866	200.0	173.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	208546	20.0	16.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	42210	20.0	17.5	
27 Methyl acetate	43	2.722	2.722	0.000	98	116061	40.0	38.9	
28 Cyclopentene	67	2.734	2.734	0.000	92	113930	20.0	15.3	
29 Acetonitrile	41	2.771	2.771	0.000	95	107930	200.0	211.9	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	46509	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	81396	20.0	18.5	
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	92	56492	200.0	186.7	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	214874	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	68954	20.0	18.1	
35 Acrylonitrile	53	3.070	3.070	0.000	95	296415	200.0	200.9	
36 Hexane	57	3.155	3.155	0.000	94	58343	20.0	14.6	
37 Isopropyl ether	45	3.356	3.356	0.000	96	249997	20.0	19.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	100	131331	20.0	18.6	
39 Vinyl acetate	86	3.393	3.393	0.000	100	21364	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	55366	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.649	3.649	0.000	89	237711	20.0	20.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	409216	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	46	20384	20.0	18.8	a
44 cis-1,2-Dichloroethene	96	3.868	3.868	0.000	95	78756	20.0	18.2	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	39252	100.0	91.3	
46 Ethyl acetate	70	3.887	3.887	0.000	94	14658	40.0	38.9	
47 Methyl acrylate	55	3.941	3.941	0.000	100	62688	20.0	19.9	
48 Propionitrile	54	4.009	4.009	0.000	98	105890	200.0	198.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	56	18717	40.0	36.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	39394	20.0	18.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	310440	200.0	208.3	
52 Chloroform	83	4.143	4.143	0.000	99	119706	20.0	19.0	
53 Cyclohexane	84	4.271	4.271	0.000	93	71026	20.0	14.6	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	78	81308	20.0	17.5	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181765	50.0	50.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	51314	20.0	16.7	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	85126	20.0	17.8	
58 Isobutyl alcohol	43	4.551	4.551	0.000	89	59457	500.0	587.9	a
59 Isooctane	57	4.582	4.582	0.000	96	163531	20.0	14.6	
60 Benzene	78	4.612	4.612	0.000	96	281551	20.0	18.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	209757	50.0	48.8	
62 Tert-amyl methyl ether	73	4.673	4.673	0.000	85	225670	20.0	19.0	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	38158	20.0	19.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	92940	20.0	19.0	
65 n-Heptane	100	4.771	4.771	0.000	95	10281	20.0	15.5	
* 66 Fluorobenzene	96	4.886	4.886	0.000	99	750665	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	88	30234	500.0	446.8	
68 Trichloroethene	95	5.228	5.228	0.000	98	65984	20.0	18.5	
69 Methylcyclohexane	83	5.356	5.356	0.000	74	82214	20.0	14.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	7693	20.0	13.1	a
71 1,2-Dichloropropane	63	5.508	5.508	0.000	94	78711	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	34687	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	33958	40.0	40.6	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	14292	400.0	379.2	
74 Dibromomethane	93	5.630	5.630	0.000	95	44051	20.0	19.2	
76 n-Propyl acetate	43	5.648	5.648	0.000	100	94713	20.0	18.4	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	75848	20.0	18.4	
78 2-Nitropropane	41	6.112	6.112	0.000	76	17241	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	46237	20.0	18.7	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	135521	400.0	390.4	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	107960	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	141420	100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	708732	50.0	49.6	
84 Toluene	91	6.587	6.587	0.000	93	285919	20.0	17.1	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	95	92220	20.0	19.3	
86 Ethyl methacrylate	69	6.977	6.977	0.000	91	80867	20.0	16.3	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	53882	20.0	19.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	63942	20.0	18.2	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	108095	20.0	19.6	
90 2-Hexanone	43	7.423	7.423	0.000	97	235893	100.0	103.2	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	95962	20.0	19.1	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	47553	20.0	18.2	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	59584	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	86	533106	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	186358	20.0	19.2	
96 Ethylbenzene	106	8.410	8.410	0.000	99	99148	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	92	48055	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	121807	20.0	19.3	
99 o-Xylene	106	9.087	9.087	0.000	94	126998	20.0	19.8	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	43763	20.0	20.5	
101 Styrene	104	9.123	9.123	0.000	95	204083	20.0	20.1	
102 Bromoform	173	9.367	9.367	0.000	96	27602	20.0	18.5	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	109884	20.0	14.2	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	274104	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	94	223148	50.0	49.8	
106 Bromobenzene	156	9.898	9.898	0.000	98	81261	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	82414	20.0	20.1	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	361817	20.0	18.8	
109 1,2,3-Trichloropropane	110	10.013	10.013	0.000	97	23342	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	82	16928	20.0	17.9	a
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	256171	20.0	19.0	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	310997	20.0	19.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	256000	20.0	19.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	255786	20.0	19.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	92	65832	20.0	12.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	205306	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	270226	20.0	19.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	314892	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	158427	20.0	19.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	282371	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	297836	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	97	160218	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	295403	20.0	19.6	
124 Benzyl chloride	91	11.086	11.086	0.000	98	115528	20.0	19.8	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	94	290937	20.0	20.3	
126 p-Diethylbenzene	119	11.214	11.214	0.000	93	182074	20.0	19.6	a
127 n-Butylbenzene	92	11.239	11.239	0.000	98	152024	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	162977	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	290271	20.0	20.0	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	91	9829	20.0	16.8	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	135169	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	127533	20.0	20.5	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	59875	20.0	18.7	
134 Naphthalene	128	12.775	12.775	0.000	99	299067	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	124400	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.3	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.4	
S 140 Total BTEX	1				0		100.0	93.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D

Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17

Lims ID: STD20

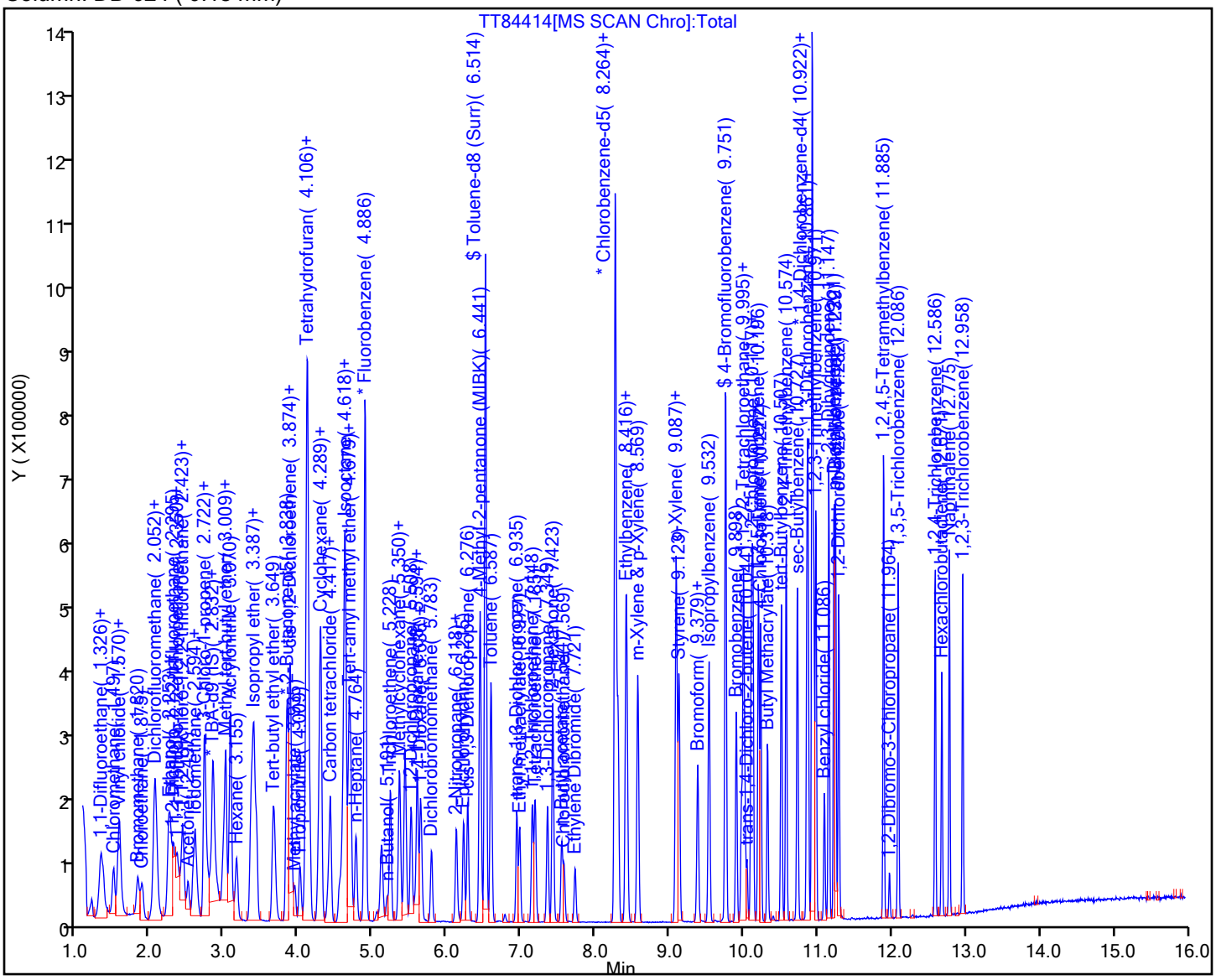
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

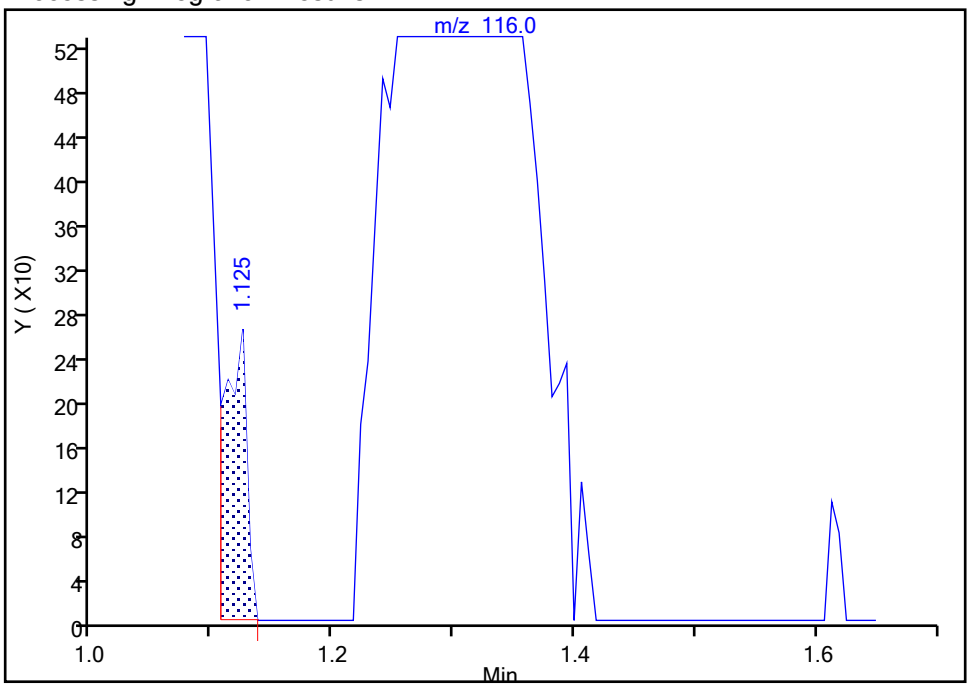
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

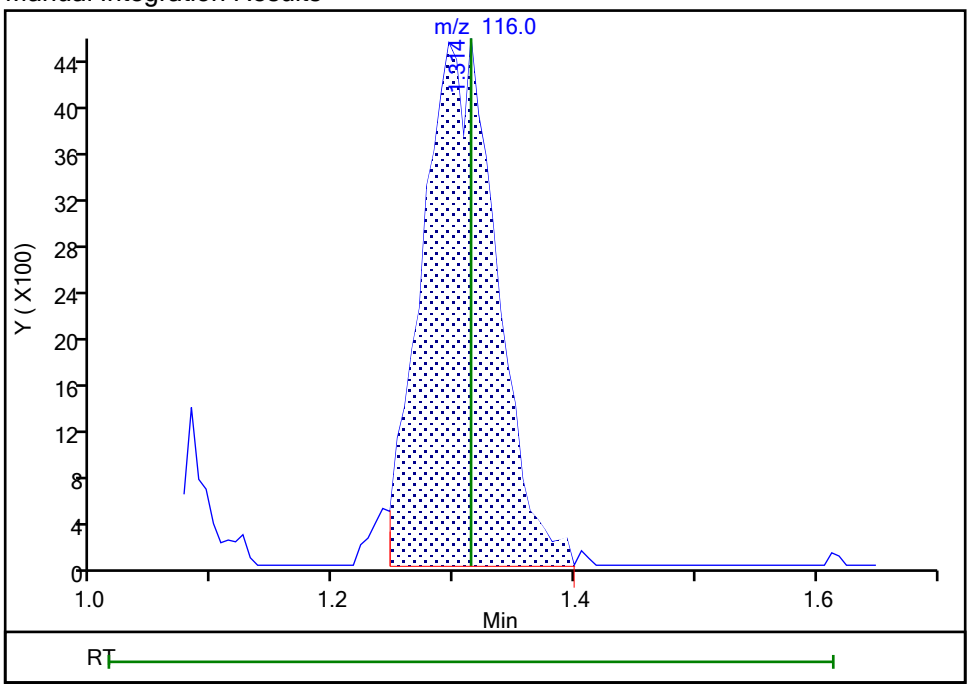
Processing Integration Results

RT: 1.12
Area: 344
Amount: 0.906463
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 19442
Amount: 27.125825
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

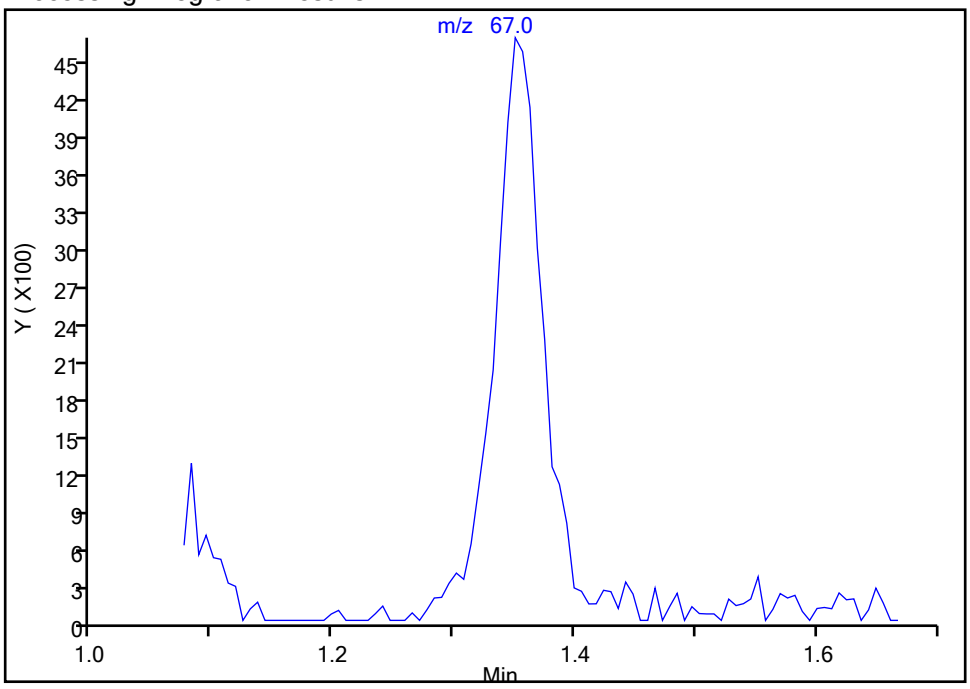
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

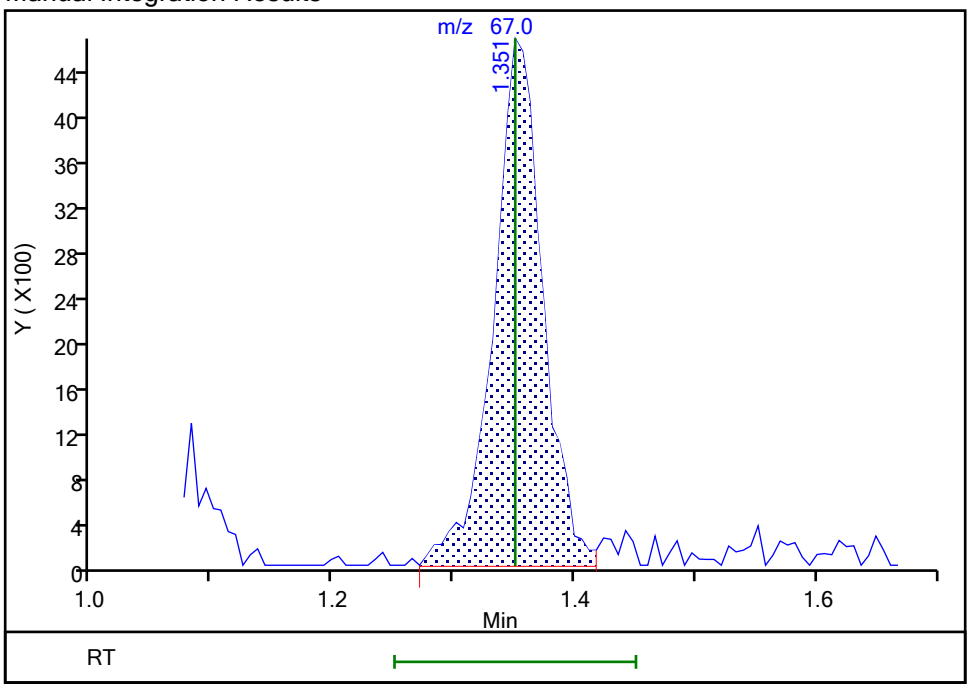
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 13027
Amount: 23.870588
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

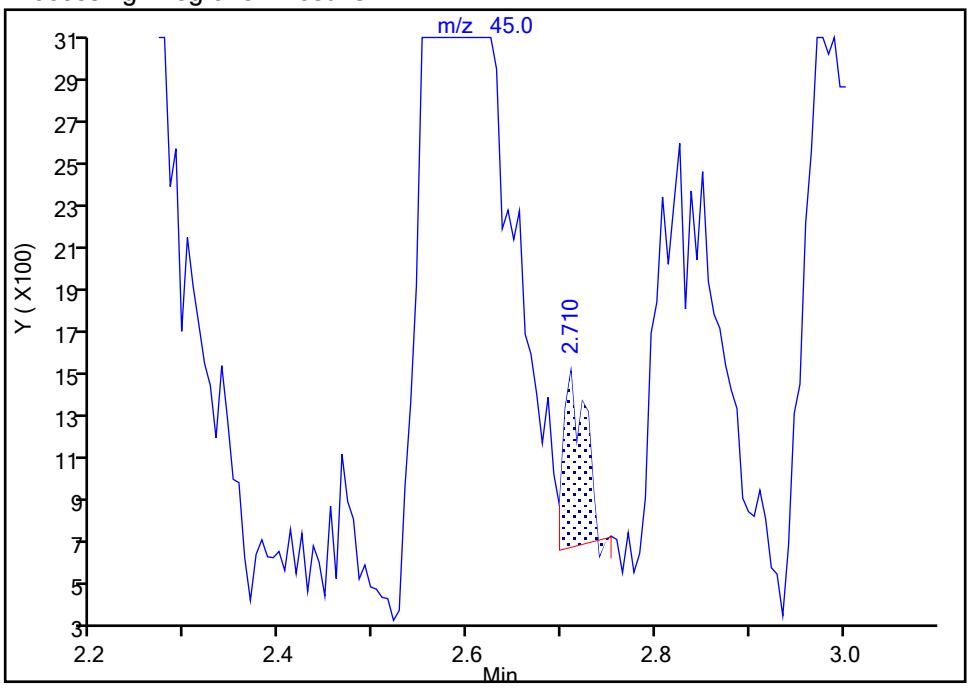
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

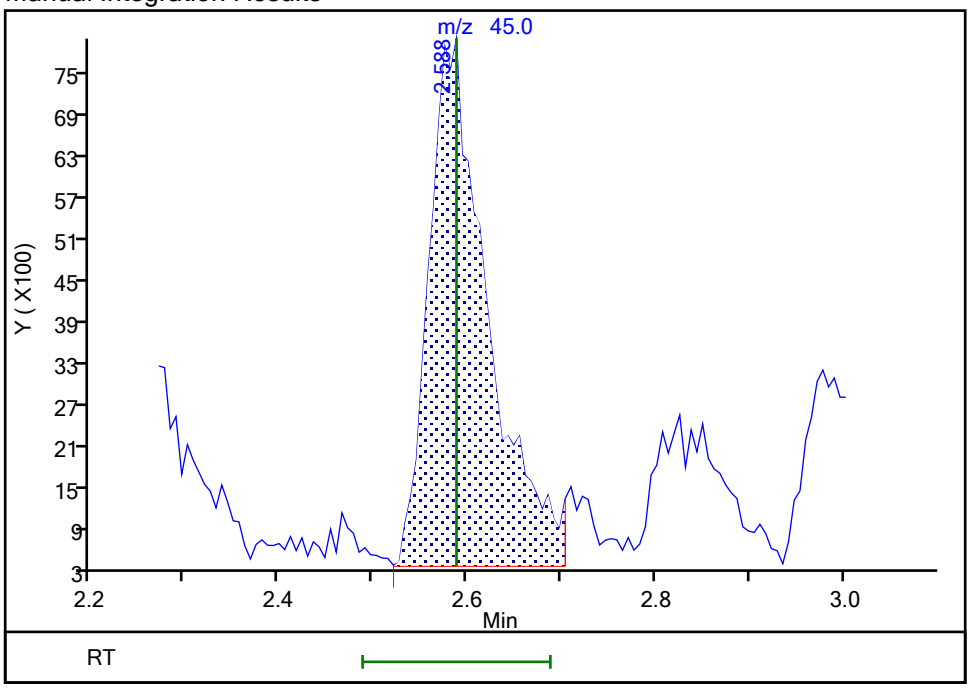
Processing Integration Results

RT: 2.71
Area: 1258
Amount: 1.318238
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 32866
Amount: 173.7615
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

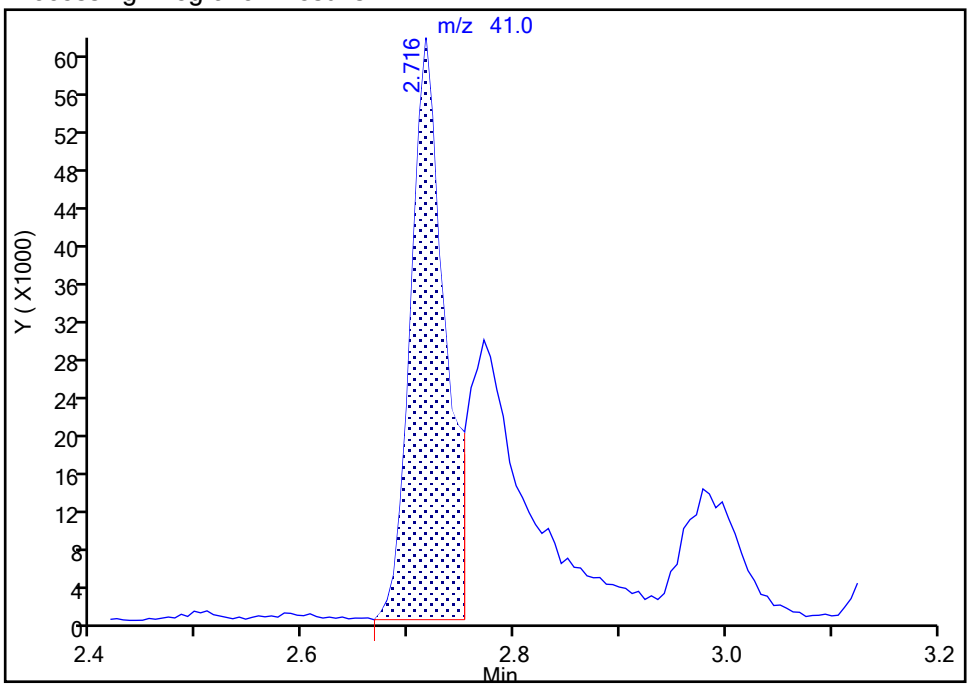
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

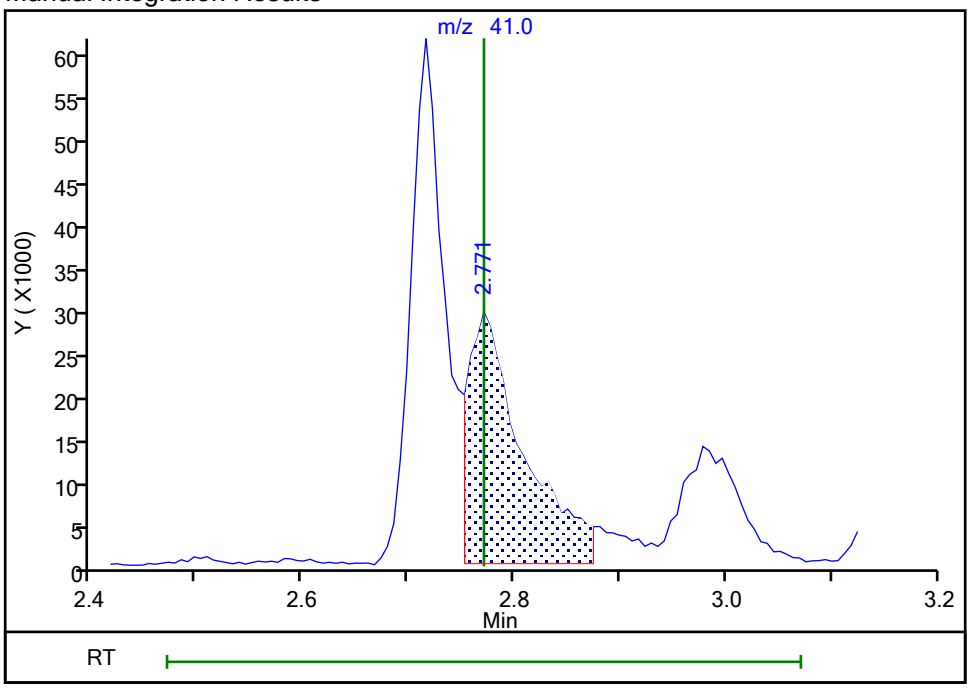
Processing Integration Results

RT: 2.72
Area: 138724
Amount: 213.4372
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 107930
Amount: 211.8852
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

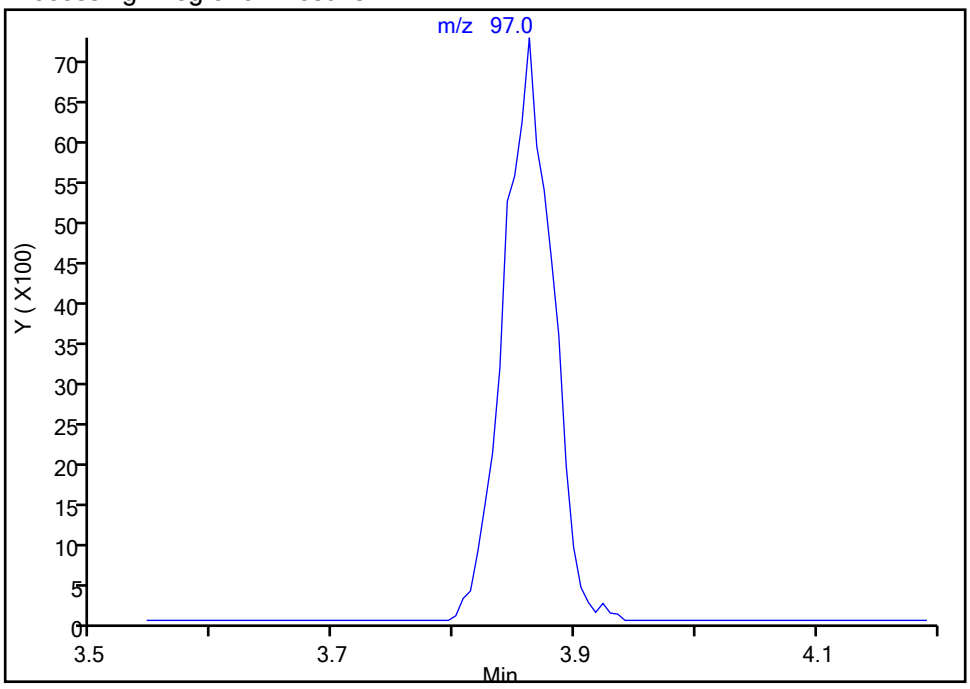
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

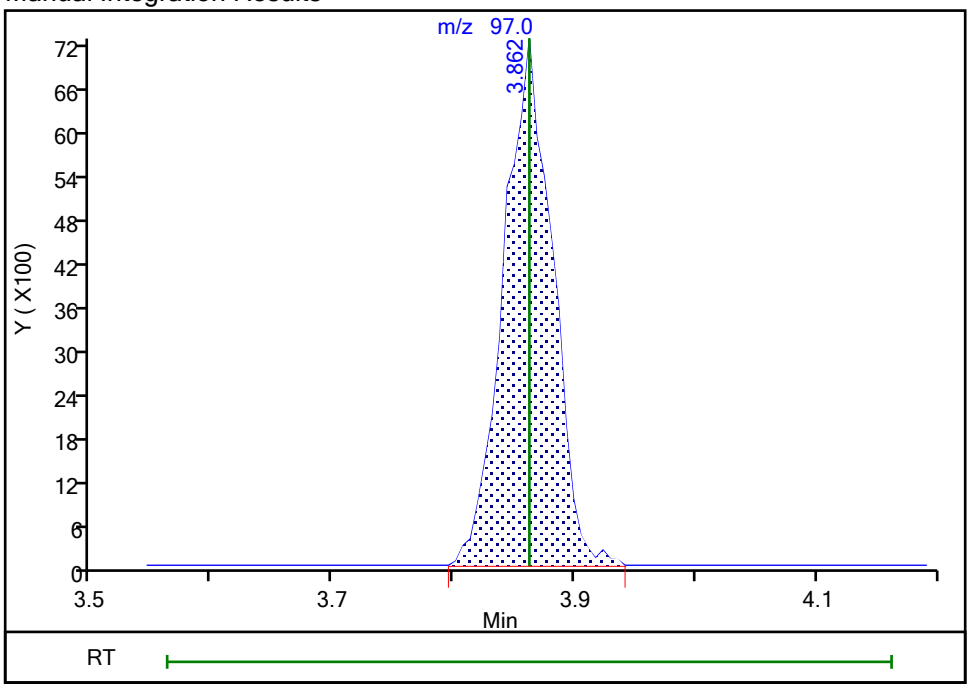
Not Detected
Expected RT: 3.86

Processing Integration Results



Manual Integration Results

RT: 3.86
Area: 20384
Amount: 18.766982
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

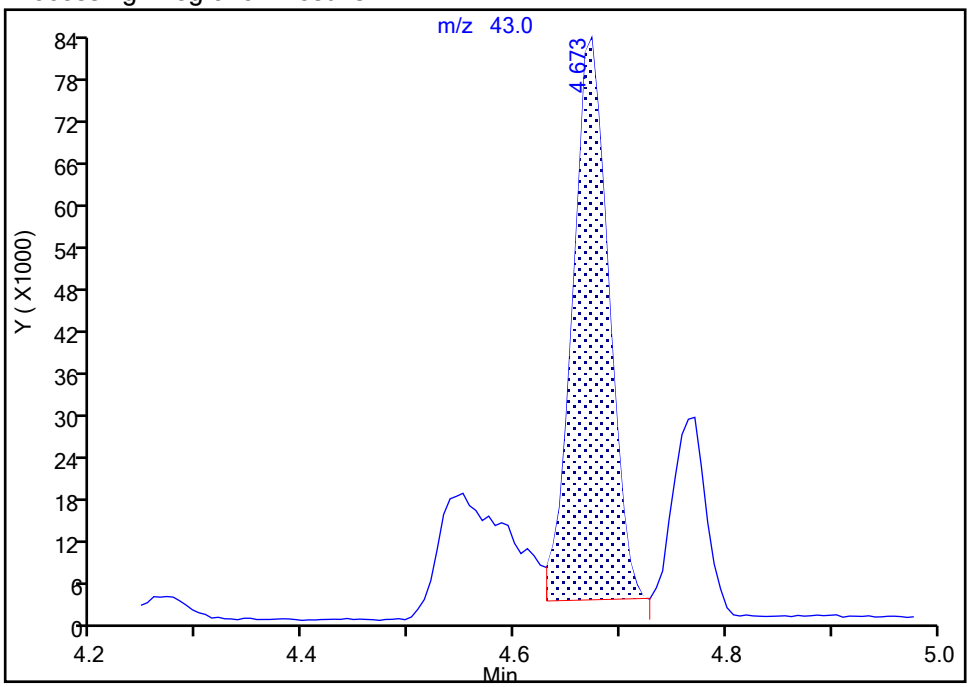
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

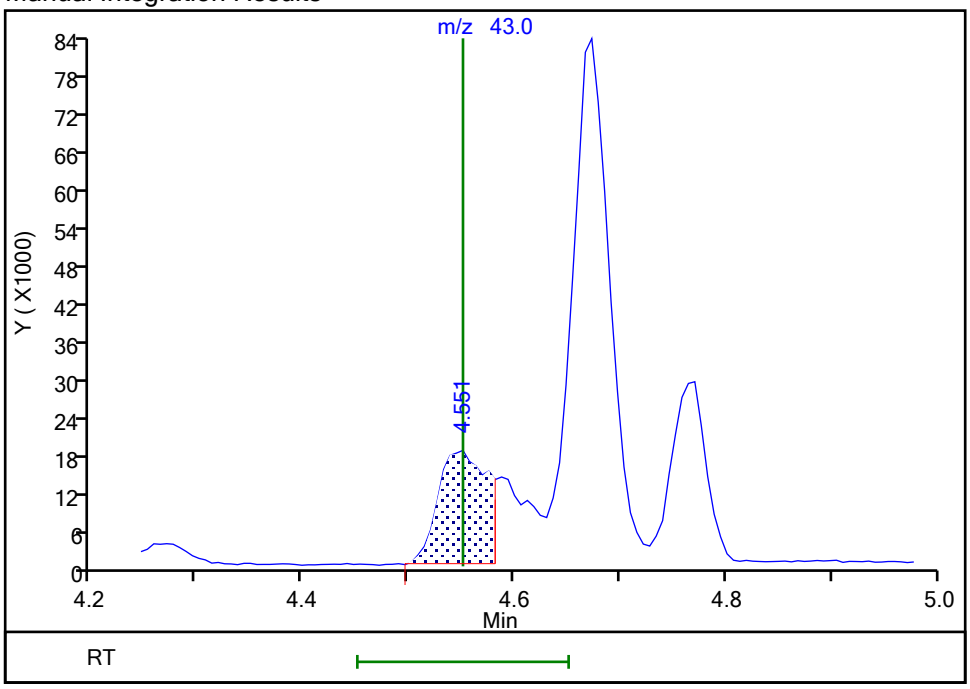
Processing Integration Results

RT: 4.67
Area: 190670
Amount: 500.1880
Amount Units: ug/l



Manual Integration Results

RT: 4.55
Area: 59457
Amount: 587.9431
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:59:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

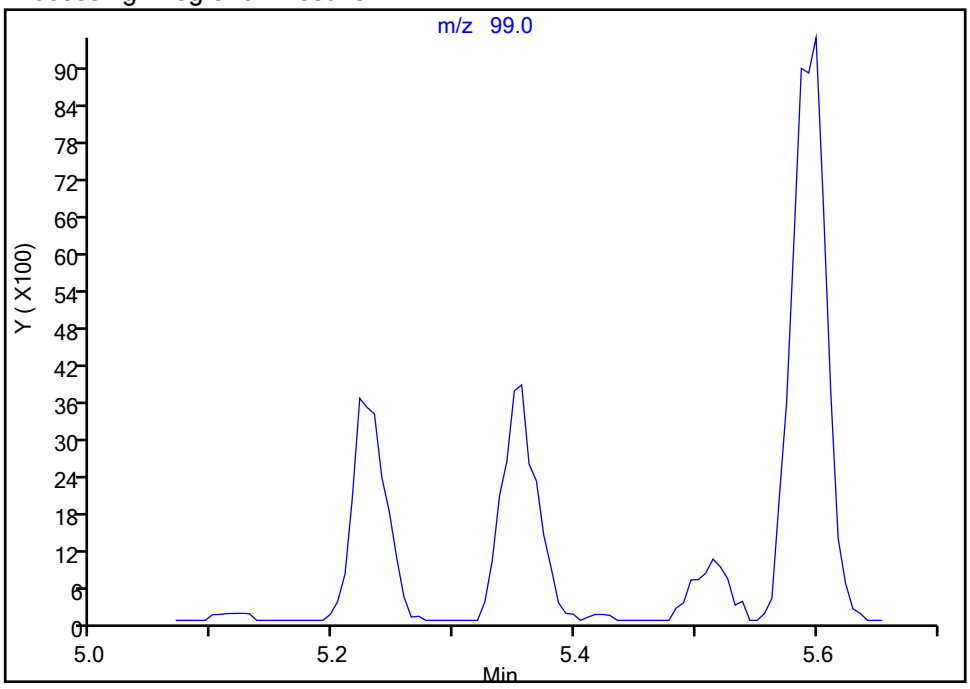
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

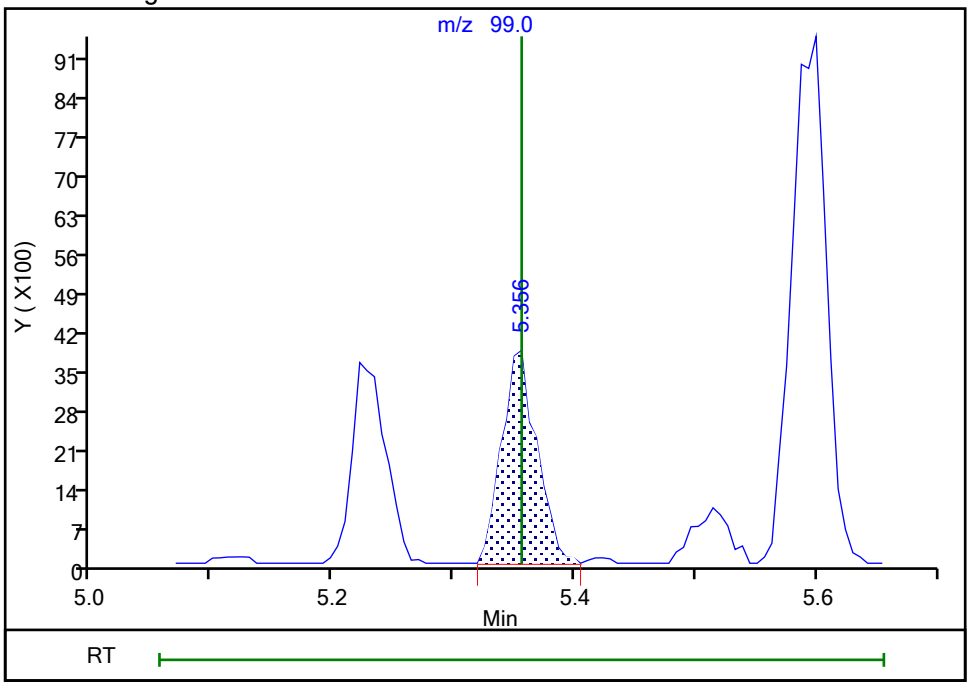
Not Detected
Expected RT: 5.36

Processing Integration Results



Manual Integration Results

RT: 5.36
Area: 7693
Amount: 13.123373
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:57:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

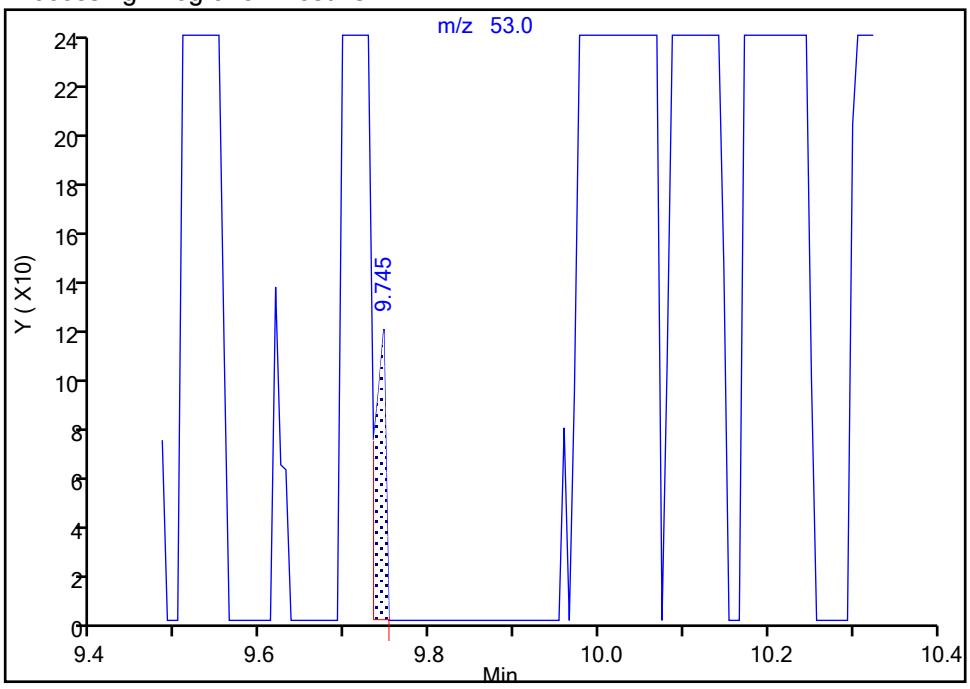
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84414.D
Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

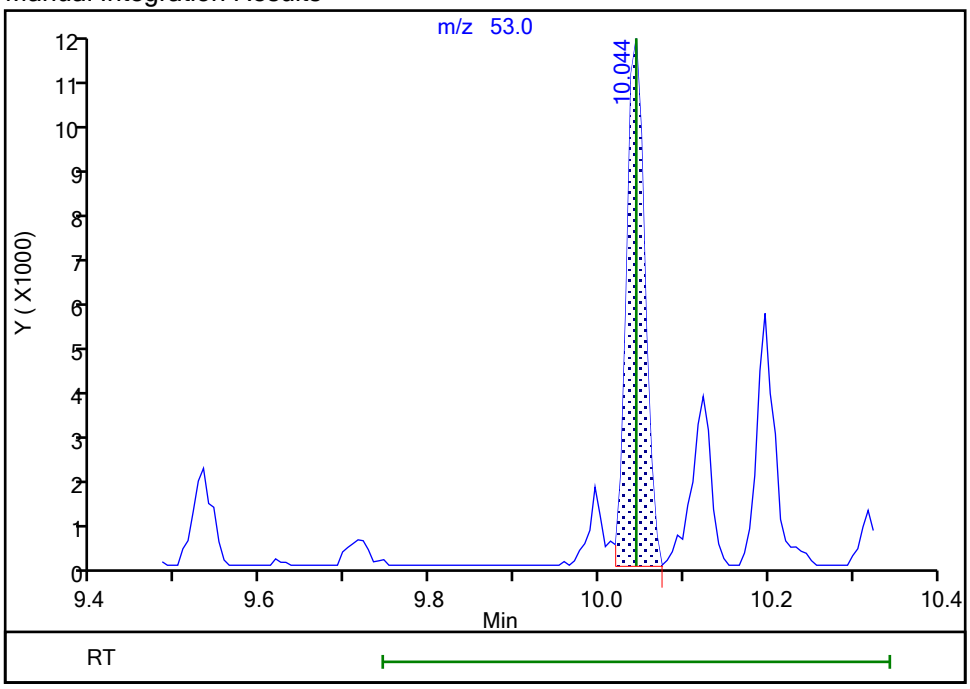
Processing Integration Results

RT: 9.75
Area: 104
Amount: 0.174153
Amount Units: ug/l



Manual Integration Results

RT: 10.04
Area: 16928
Amount: 17.889084
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

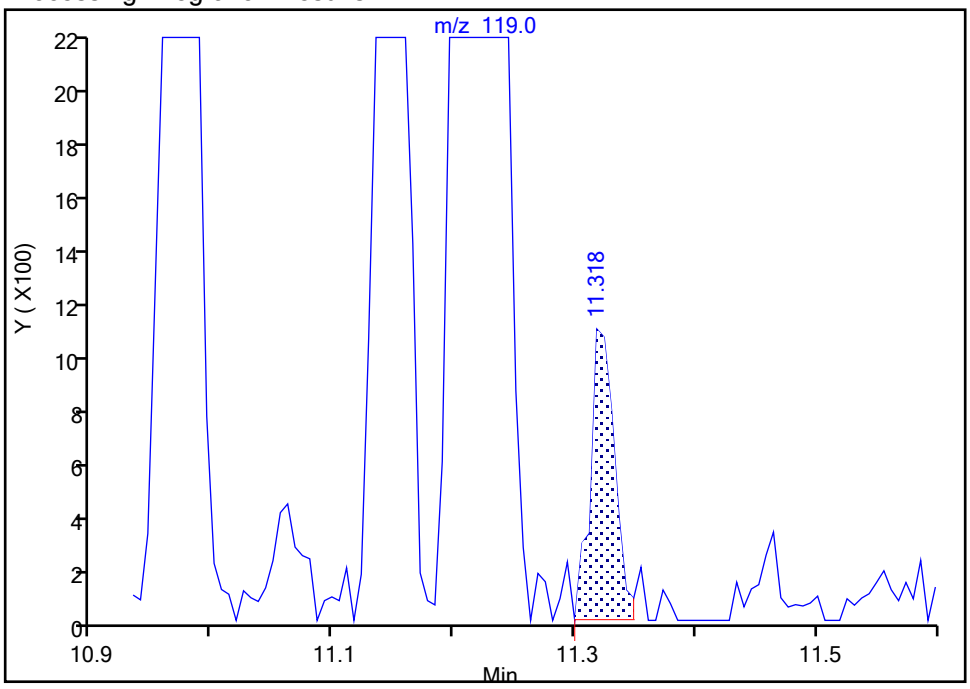
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Injection Date: 30-Aug-2024 09:25:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

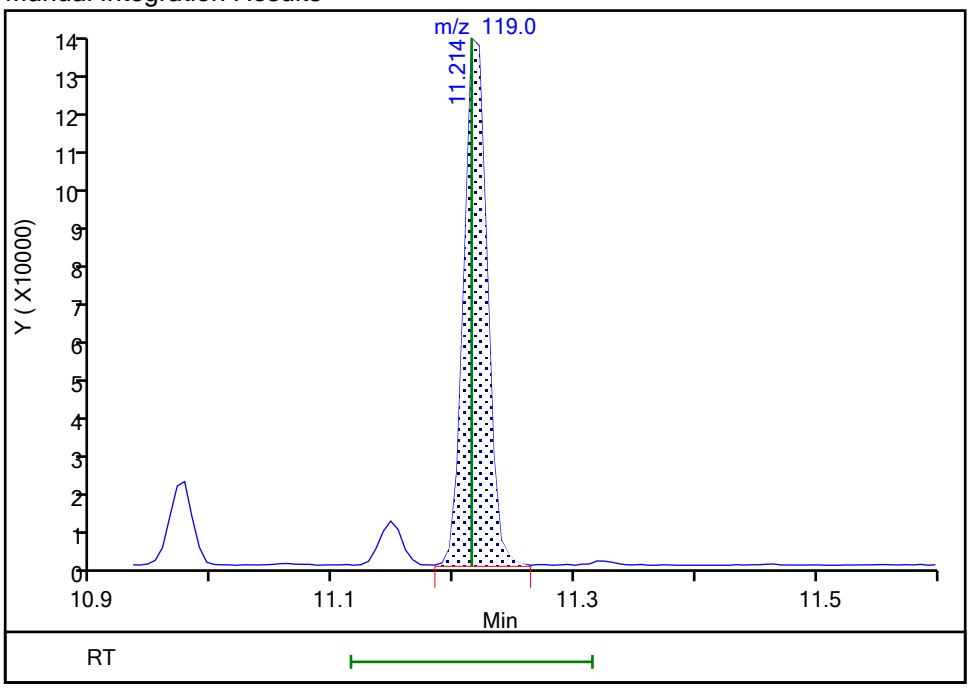
Processing Integration Results

RT: 11.32
Area: 1519
Amount: 0.219427
Amount Units: ug/l



Manual Integration Results

RT: 11.21
Area: 182074
Amount: 19.589099
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 09:58:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Aug-2024 09:45:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0180260-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:28 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:29:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	71	4253	50.0	69.5	
3 Chlorotrifluoroethene	116	1.296	1.314	-0.018	83	53801	50.0	71.8	a
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	92	98599	50.0	51.2	a
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	67	207020	50.0	45.3	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	34831	50.0	62.2	
6 Chloromethane	50	1.491	1.491	0.000	98	282674	50.0	51.6	
7 Vinyl chloride	62	1.564	1.558	0.006	97	228967	50.0	47.6	
8 Butadiene	54	1.570	1.570	0.000	97	216587	50.0	48.0	
9 Bromomethane	94	1.820	1.820	0.000	99	172000	50.0	50.7	
10 Chloroethane	64	1.881	1.881	0.000	100	141736	50.0	44.7	
11 Dichlorofluoromethane	67	2.040	2.039	0.001	99	395205	50.0	48.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	50	233053	50.0	47.9	
13 Pentane	72	2.064	2.070	-0.006	97	60290	100.0	109.2	
14 Ethanol	46	2.229	2.234	-0.006	78	35649	2000.0	1879.4	
15 Ethyl ether	74	2.229	2.234	-0.006	94	121906	50.0	53.2	
16 2-Methyl-1,3-butadiene	53	2.253	2.259	-0.006	96	172034	50.0	54.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	90	169711	50.0	55.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	92	274264	50.0	50.7	
19 Acrolein	56	2.393	2.387	0.006	95	64502	100.0	98.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.411	2.411	0.000	94	162278	50.0	55.0	
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	96	172977	50.0	48.1	
22 Acetone	43	2.503	2.497	0.006	86	290517	250.0	237.2	
23 Iodomethane	142	2.570	2.570	0.000	97	326506	50.0	52.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	31	101890	500.0	482.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	668760	50.0	52.1	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	97	126041	50.0	51.6	
27 Methyl acetate	43	2.722	2.722	0.000	100	310991	100.0	102.9	
28 Cyclopentene	67	2.735	2.734	0.000	94	406899	50.0	53.9	
29 Acetonitrile	41	2.771	2.771	0.000	95	314535	500.0	593.2	
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	51962	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	95	217627	50.0	48.9	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	180527	500.0	534.1	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	563175	50.0	50.8	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	199528	50.0	51.6	
35 Acrylonitrile	53	3.070	3.070	0.000	95	784684	500.0	524.9	
36 Hexane	57	3.155	3.155	0.000	94	262399	50.0	64.9	
37 Isopropyl ether	45	3.356	3.356	0.000	95	680621	50.0	51.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	368161	50.0	51.4	
39 Vinyl acetate	86	3.393	3.393	0.000	100	61212	100.0	104.1	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	170832	50.0	52.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	621479	50.0	52.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	425965	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	94	59779	50.0	54.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	94	220273	50.0	50.4	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	107537	250.0	240.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	39794	100.0	101.5	
47 Methyl acrylate	55	3.942	3.941	0.001	99	172034	50.0	53.8	
48 Propionitrile	54	4.009	4.009	0.000	98	283613	500.0	476.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	59	50643	100.0	94.3	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	107921	50.0	50.5	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	827560	500.0	548.1	
52 Chloroform	83	4.143	4.143	0.000	99	327502	50.0	51.3	
53 Cyclohexane	84	4.271	4.271	0.000	93	274015	50.0	55.5	
54 1,1,1-Trichloroethane	97	4.277	4.283	-0.006	98	246535	50.0	52.4	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	185359	50.0	50.4	
56 Carbon tetrachloride	117	4.393	4.393	0.000	98	172948	50.0	55.7	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	97	258246	50.0	53.4	
58 Isobutyl alcohol	43	4.551	4.551	0.000	95	157092	1250.0	1390.4	
59 Isooctane	57	4.588	4.582	0.006	97	662562	50.0	58.3	
60 Benzene	78	4.612	4.612	0.000	97	789641	50.0	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	220651	50.0	50.7	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	91	659971	50.0	54.7	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	105081	50.0	52.9	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	96	247739	50.0	49.9	
65 n-Heptane	100	4.765	4.771	-0.006	94	43952	50.0	65.5	
* 66 Fluorobenzene	96	4.887	4.886	0.001	98	760583	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	90	95838	1250.0	1267.6	
68 Trichloroethene	95	5.228	5.228	0.000	99	192609	50.0	53.4	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	306689	50.0	54.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	27410	50.0	47.0	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	92	209351	50.0	51.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	38624	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	96525	100.0	113.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	87	40830	1000.0	972.8	
74 Dibromomethane	93	5.636	5.630	0.006	96	116441	50.0	50.2	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	261956	50.0	50.1	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	210962	50.0	50.5	
78 2-Nitropropane	41	6.112	6.112	0.000	75	48209	100.0	96.9	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	130234	50.1	52.0	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	369479	1000.0	1022.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.000	92	308760	50.0	53.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	398487	250.0	267.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	724540	50.0	50.1	
84 Toluene	91	6.587	6.587	0.000	94	786819	50.0	46.4	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	259110	50.0	53.7	
86 Ethyl methacrylate	69	6.971	6.977	-0.006	91	244497	50.0	48.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	143222	50.0	51.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	187252	50.0	52.7	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	288130	50.0	51.5	
90 2-Hexanone	43	7.423	7.423	0.001	97	657031	250.0	276.2	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	289879	50.0	56.9	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	144311	50.0	54.5	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	164226	50.0	52.6	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	85	539727	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	512880	50.0	52.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	282468	50.0	53.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	150105	50.0	52.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	345782	50.0	54.3	
99 o-Xylene	106	9.087	9.087	0.000	94	350433	50.0	53.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	141751	50.0	65.7	
101 Styrene	104	9.124	9.123	0.001	95	569661	50.0	55.3	
102 Bromoform	173	9.373	9.367	0.006	97	86385	50.0	54.8	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	362356	50.0	45.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	790679	50.0	53.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	229236	50.0	50.5	
106 Bromobenzene	156	9.898	9.898	0.000	98	226091	50.0	51.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	224690	50.0	53.0	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	1031101	50.0	51.8	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	62032	50.0	51.3	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	55143	50.0	56.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	709689	50.0	50.8	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	868359	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	720436	50.0	52.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	707720	50.0	52.7	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	237463	50.0	44.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	611290	50.0	52.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	759181	50.0	52.8	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	935405	50.0	53.2	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	439369	50.0	51.2	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	97	815553	50.0	54.2	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	308318	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	95	439317	50.0	51.4	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	824614	50.0	52.8	
124 Benzyl chloride	91	11.087	11.086	0.001	99	356575	50.0	59.0	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	793118	50.0	53.4	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	521107	50.0	54.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	440576	50.0	53.4	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	430887	50.0	51.1	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	803294	50.0	53.4	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.000	94	32290	50.0	51.6	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	369501	50.0	51.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	353761	50.0	54.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	175312	50.0	52.9	
134 Naphthalene	128	12.775	12.775	0.000	99	822459	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	343502	50.0	51.9	
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.0	
S 137 Xylenes, Total	100				0		100.0	108.1	
S 139 1,3-Dichloropropene, Total	1				0		100.0	107.5	
S 140 Total BTEX	1				0		250.0	257.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00173	Amount Added:	10.00	Units: uL	
524FREONS_00023	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	50.00	Units: uL	
GASES Li_00600	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:28 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84415.D

Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17

Lims ID: STD50

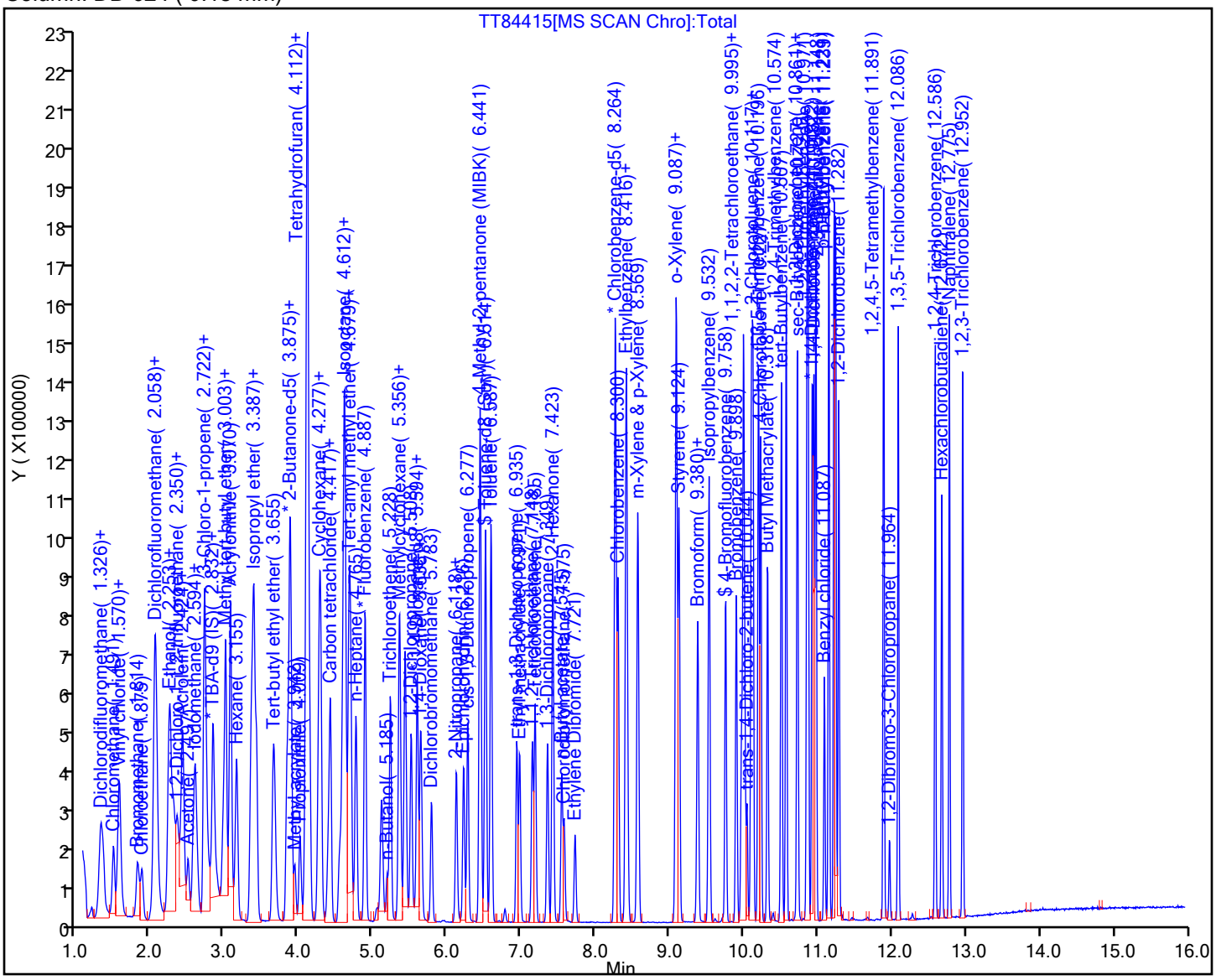
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

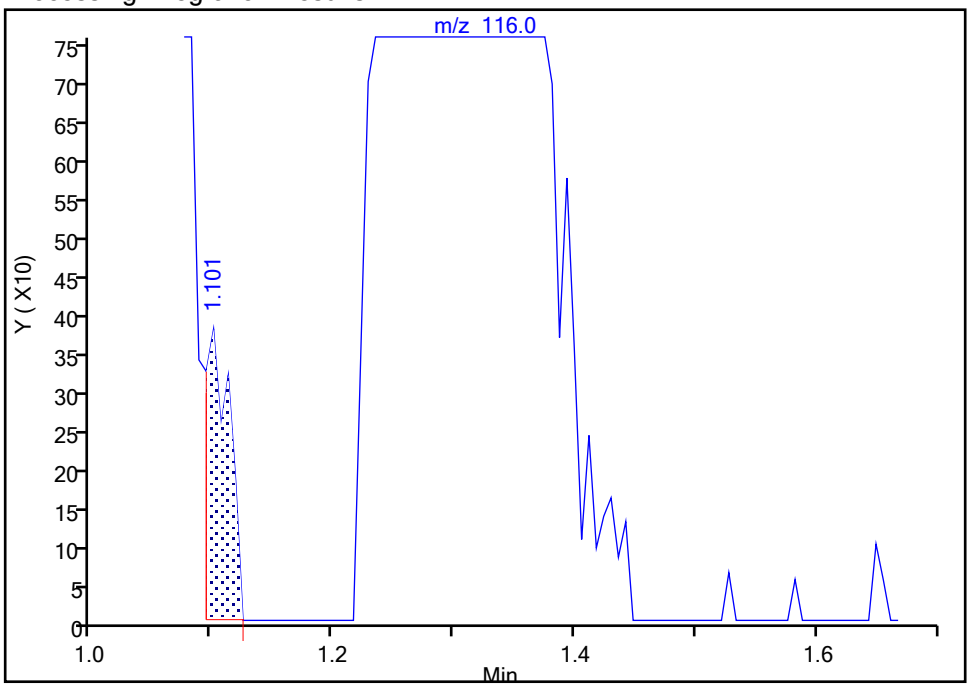
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Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

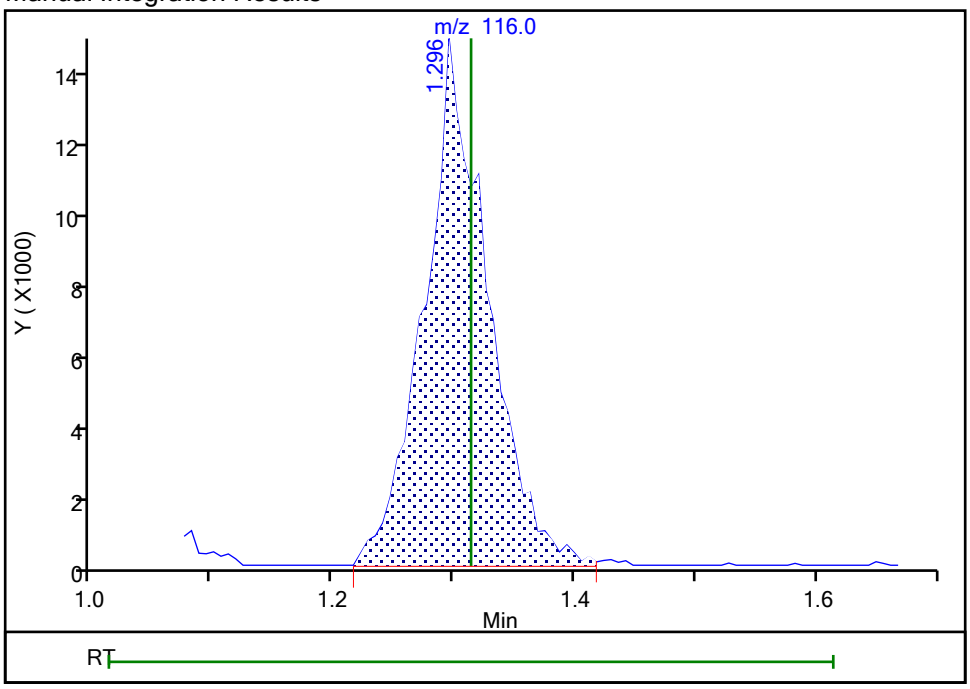
Processing Integration Results

RT: 1.10
Area: 532
Amount: 0.878278
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 53801
Amount: 71.751363
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:11:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

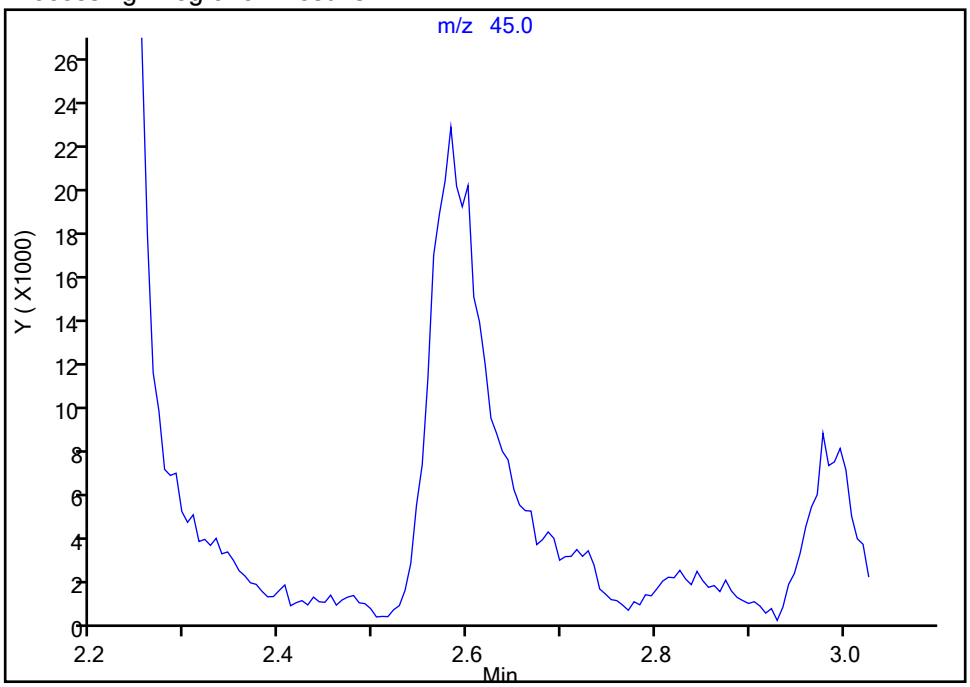
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Injection Date: 30-Aug-2024 09:45:30 Instrument ID: CVOAMS17
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

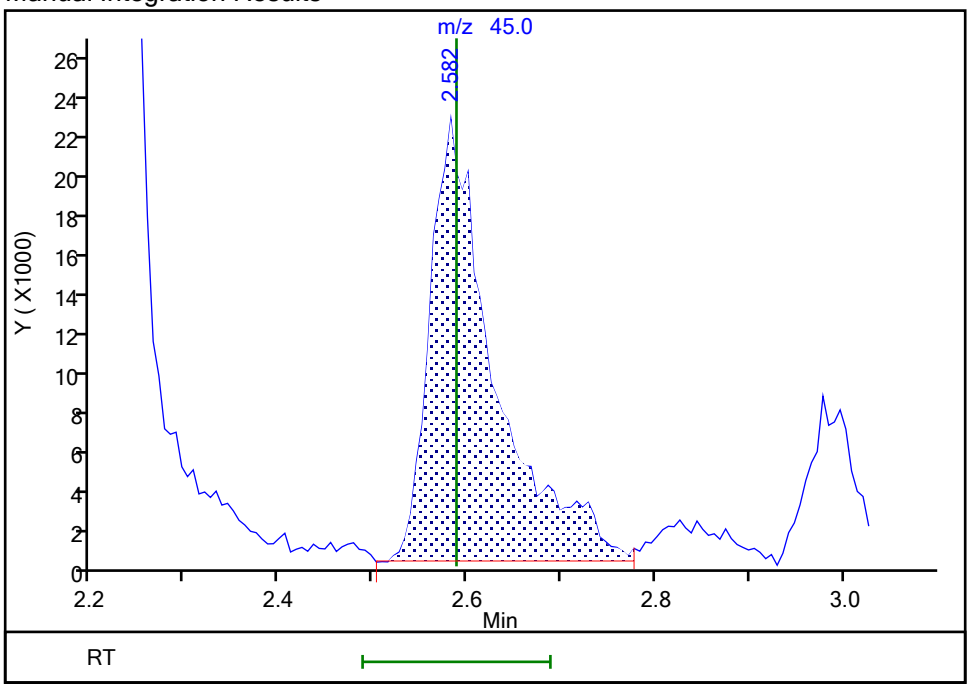
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.58
Area: 101890
Amount: 482.1581
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:28:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Aug-2024 10:04:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0180260-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:12:52 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:31:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.229	1.235	-0.006	86	16971	200.0	195.5	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	94	162110	200.0	192.1	a
2 1,1-Difluoroethane	65	1.320	1.320	0.000	99	331859	200.0	166.3	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	78	1042245	200.0	219.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	95	118499	200.0	195.2	
6 Chloromethane	50	1.491	1.491	0.000	99	1150107	200.0	202.4	
7 Vinyl chloride	62	1.558	1.558	0.000	98	970397	200.0	194.6	
8 Butadiene	54	1.576	1.570	0.006	97	942423	200.0	201.2	
9 Bromomethane	94	1.820	1.820	0.000	99	672942	200.0	191.2	
10 Chloroethane	64	1.881	1.881	0.000	100	566334	200.0	172.3	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	1553847	200.0	185.1	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	1010002	200.0	200.2	
13 Pentane	72	2.070	2.070	0.000	96	204922	400.0	399.5	
14 Ethanol	46	2.229	2.234	-0.005	89	161235	8000.0	8823.5	
15 Ethyl ether	74	2.235	2.234	0.001	94	451936	200.0	192.6	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	96	624277	200.0	190.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	92	609493	200.0	191.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	988297	200.0	176.2	
19 Acrolein	56	2.393	2.387	0.006	94	130687	200.0	192.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	658910	200.0	215.3	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	98	650894	200.0	174.6	
22 Acetone	43	2.503	2.497	0.006	88	1294320	1000.0	1012.0	
23 Iodomethane	142	2.576	2.570	0.006	97	1167619	200.0	182.1	
25 Isopropyl alcohol	45	2.588	2.588	0.000	90	419842	2000.0	1947.4	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	2030726	200.0	152.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	98	496313	200.0	195.8	
27 Methyl acetate	43	2.722	2.722	0.000	99	1149438	400.0	366.7	
28 Cyclopentene	67	2.741	2.734	0.007	93	1374648	200.0	175.7	
29 Acetonitrile	41	2.771	2.771	0.000	98	927126	2000.0	1674.5	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	53011	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.838	2.838	0.000	94	823038	200.0	178.3	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	95	684533	2000.0	1985.2	
33 Methyl tert-butyl ether	73	2.991	2.984	0.007	98	2229557	200.0	193.9	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	742155	200.0	185.2	
35 Acrylonitrile	53	3.076	3.070	0.006	94	2917096	2000.0	1881.6	
36 Hexane	57	3.155	3.155	0.000	94	925192	200.0	220.8	
37 Isopropyl ether	45	3.356	3.356	0.000	94	2572298	200.0	186.0	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	1402859	200.0	188.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	268759	400.0	437.7	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	664236	200.0	197.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	90	2385024	200.0	193.5	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	444806	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	95	249805	200.0	218.9	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	840557	200.0	185.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	447232	1000.0	957.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	163873	400.0	400.2	
47 Methyl acrylate	55	3.942	3.941	0.001	99	684693	200.0	206.6	
48 Propionitrile	54	4.015	4.009	0.006	98	1122678	2000.0	1848.8	
50 Tetrahydrofuran	72	4.082	4.082	0.000	94	200427	400.0	357.4	
49 Chlorobromomethane	128	4.088	4.088	0.000	93	414865	200.0	187.1	
51 Methacrylonitrile	67	4.112	4.112	0.000	90	3067017	2000.0	1958.5	
52 Chloroform	83	4.143	4.143	0.000	98	1266553	200.0	191.4	
53 Cyclohexane	84	4.271	4.271	0.000	93	1034058	200.0	202.0	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	99	998235	200.0	204.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	97	191530	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	752803	200.0	233.6	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	989015	200.0	197.3	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	96	732334	5000.0	6353.5	
59 Isooctane	57	4.588	4.582	0.006	97	2781946	200.0	236.1	
60 Benzene	78	4.612	4.612	0.000	98	2848559	200.0	170.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	226145	50.0	50.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	2342305	200.0	187.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	434229	200.0	210.7	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	97	958964	200.0	186.3	
65 n-Heptane	100	4.771	4.771	0.000	93	171680	200.0	246.5	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	788850	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	478916	5000.0	6209.2	
68 Trichloroethene	95	5.234	5.228	0.006	98	744870	200.0	199.1	
69 Methylcyclohexane	83	5.356	5.356	0.000	79	1238604	200.0	211.7	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	111757	200.0	202.8	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	836022	200.0	199.7	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	30695	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	90	397823	400.0	452.2	
75 1,4-Dioxane	88	5.618	5.618	0.000	88	164432	4000.0	4929.9	
74 Dibromomethane	93	5.636	5.630	0.006	96	464145	200.0	192.9	
76 n-Propyl acetate	43	5.649	5.648	0.001	98	1093991	200.0	201.9	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	905573	200.0	208.8	
78 2-Nitropropane	41	6.118	6.112	0.006	95	228389	400.0	401.4	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	525466	200.5	202.4	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	1472568	4000.0	3902.2	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	1269175	200.0	208.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	93	1602068	1000.0	1028.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	99	769312	50.0	50.2	
84 Toluene	91	6.594	6.587	0.007	96	2887517	200.0	160.7	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	1086262	200.0	212.4	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	1048621	200.0	201.2	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	580434	200.0	196.9	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	745266	200.0	198.0	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	1135169	200.0	191.4	
90 2-Hexanone	43	7.423	7.423	0.001	94	2451468	1000.0	986.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	1222252	200.0	226.5	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	658507	200.0	234.7	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	648323	200.0	196.0	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	63	572119	50.0	50.0	
95 Chlorobenzene	112	8.307	8.300	0.007	93	1981185	200.0	189.7	
96 Ethylbenzene	106	8.410	8.410	0.000	98	1126615	200.0	199.7	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	96	691463	200.0	227.6	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	1375720	200.0	203.6	
99 o-Xylene	106	9.087	9.087	0.000	95	1399457	200.0	202.9	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	664940	200.0	290.6	
101 Styrene	104	9.130	9.123	0.007	93	2197483	200.0	201.3	
102 Bromoform	173	9.373	9.367	0.006	98	426243	200.0	220.1	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	91	1575582	200.0	202.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	2932394	200.0	187.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	92	240593	50.0	50.0	
106 Bromobenzene	156	9.898	9.898	0.000	98	879797	200.0	191.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	893591	200.0	201.5	
108 N-Propylbenzene	91	9.995	9.995	0.000	98	3418095	200.0	164.0	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	244842	200.0	193.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	91	245682	200.0	239.5	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	2626026	200.0	179.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	96	3061974	200.0	175.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	95	2651978	200.0	183.6	
114 4-Chlorotoluene	91	10.233	10.227	0.006	96	2457518	200.0	174.7	
115 Butyl Methacrylate	87	10.325	10.324	0.000	90	1095950	200.0	203.4	
116 tert-Butylbenzene	119	10.507	10.507	0.000	93	2384983	200.0	196.6	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	96	2685218	200.0	178.5	
118 sec-Butylbenzene	105	10.727	10.727	0.000	94	3214567	200.0	174.7	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	94	1653754	200.0	184.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	94	2835901	200.0	179.9	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	94	322863	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	92	1646817	200.0	183.9	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	94	2801254	200.0	171.3	
124 Benzyl chloride	91	11.087	11.086	0.001	99	1591290	200.0	251.5	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	96	2682634	200.0	172.6	
126 p-Diethylbenzene	119	11.221	11.214	0.007	93	1947360	200.0	193.3	
127 n-Butylbenzene	92	11.239	11.239	0.000	96	1692074	200.0	195.9	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	93	1619427	200.0	183.5	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	95	2687202	200.0	170.5	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	98	150385	200.0	199.9	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	1424767	200.0	189.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	1337970	200.0	198.4	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	750616	200.0	216.3	
134 Naphthalene	128	12.775	12.775	0.000	96	2688308	200.0	170.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	1314680	200.0	189.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	370.5	
S 137 Xylenes, Total	100				0		400.0	406.6	
S 139 1,3-Dichloropropene, Total	1				0		400.0	421.2	
S 140 Total BTEX	1				0		1000.0	937.4	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	20.00	Units: uL	
MIX I Hi_00179	Amount Added:	20.00	Units: uL	
Ethanol mix_00092	Amount Added:	20.00	Units: uL	
7 Freons Hi_00017	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	20.00	Units: uL	
GAS Hi_00477	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:12:53 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D

Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17

Lims ID: STD200

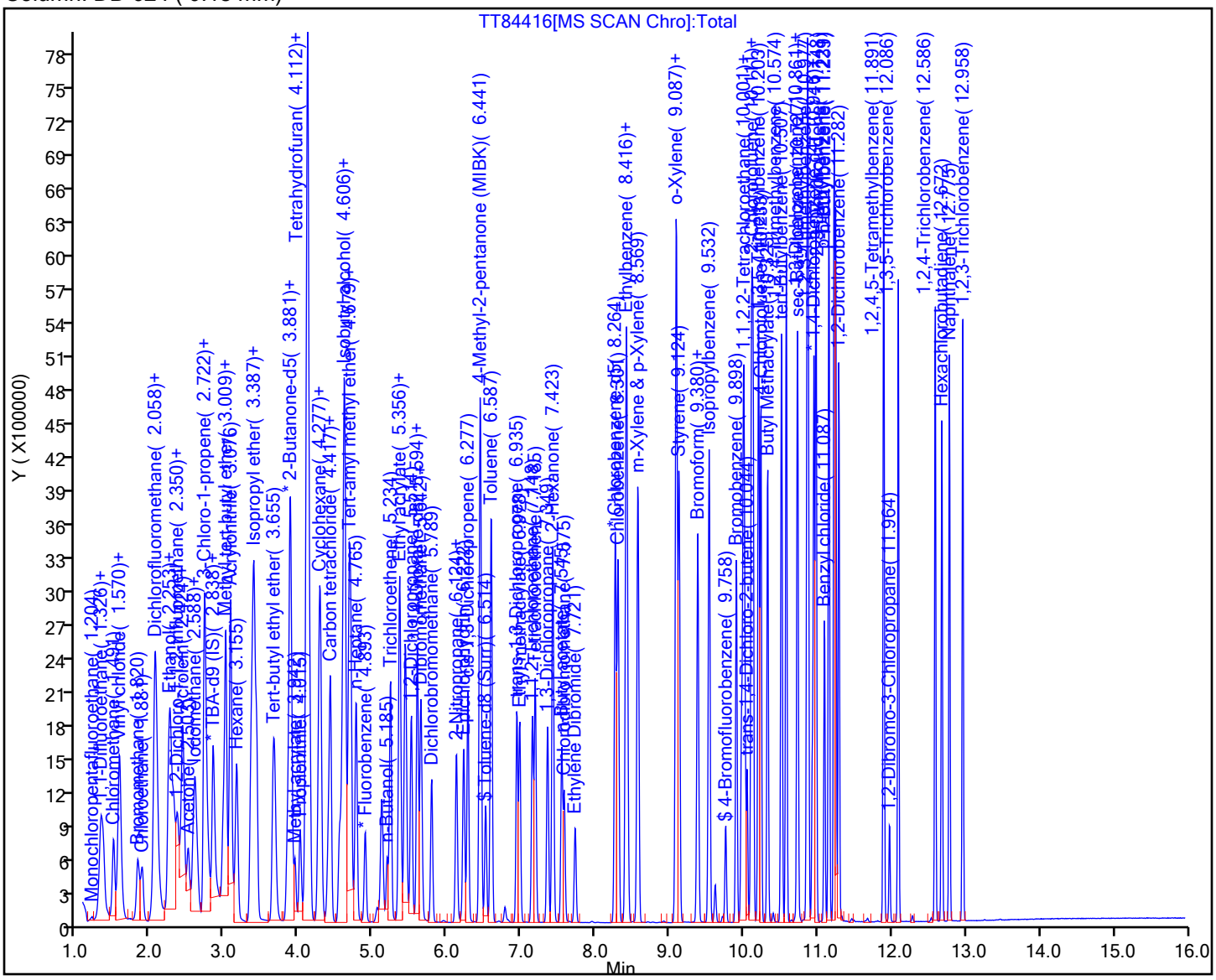
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

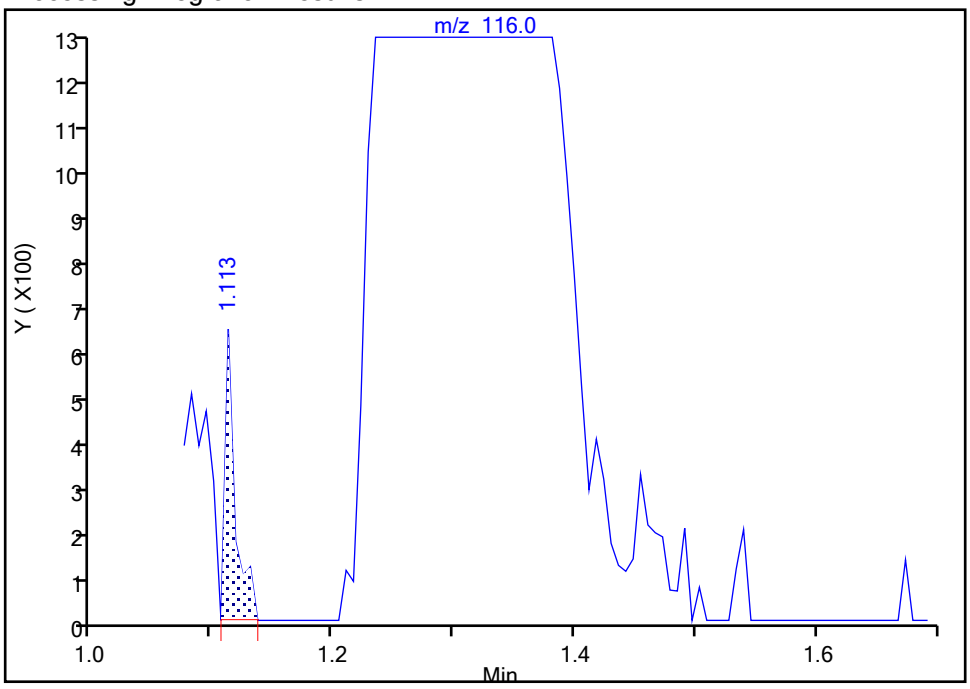
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Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

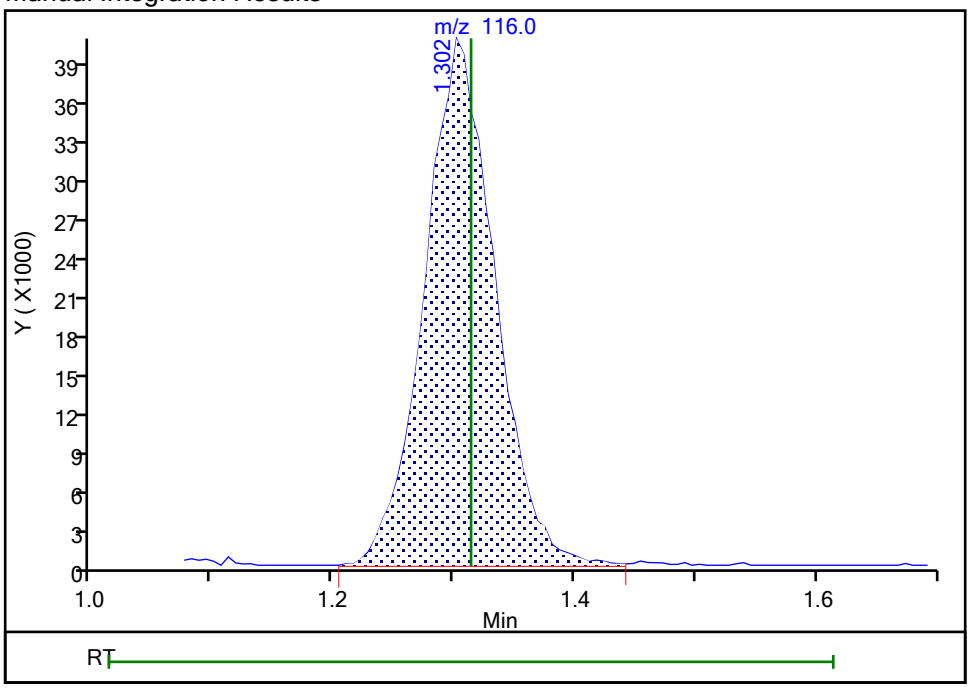
Processing Integration Results

RT: 1.11
Area: 374
Amount: 0.528241
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 162110
Amount: 192.1240
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

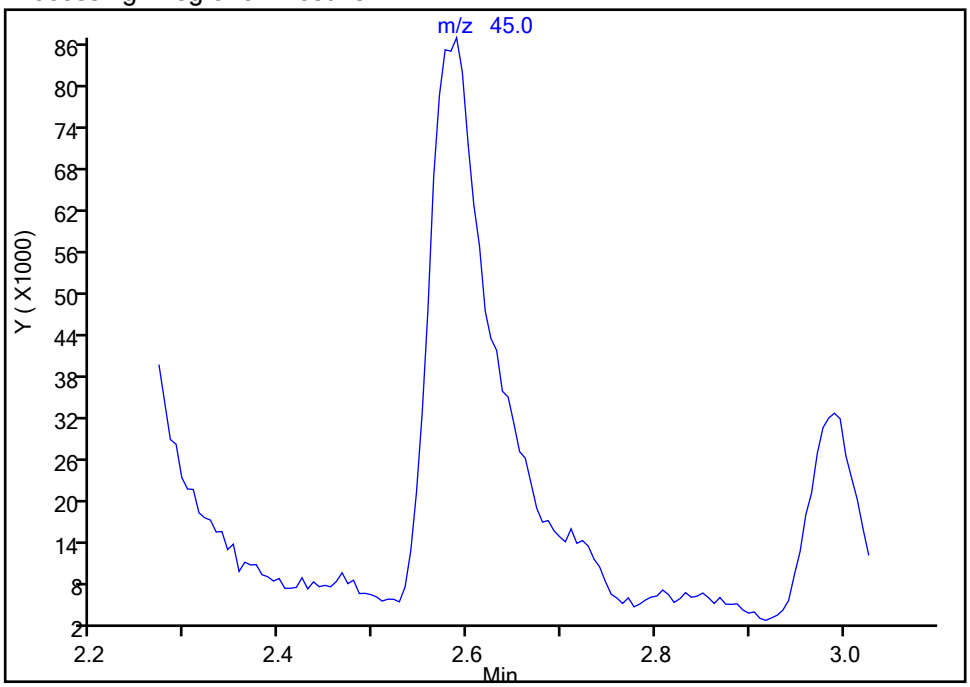
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Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

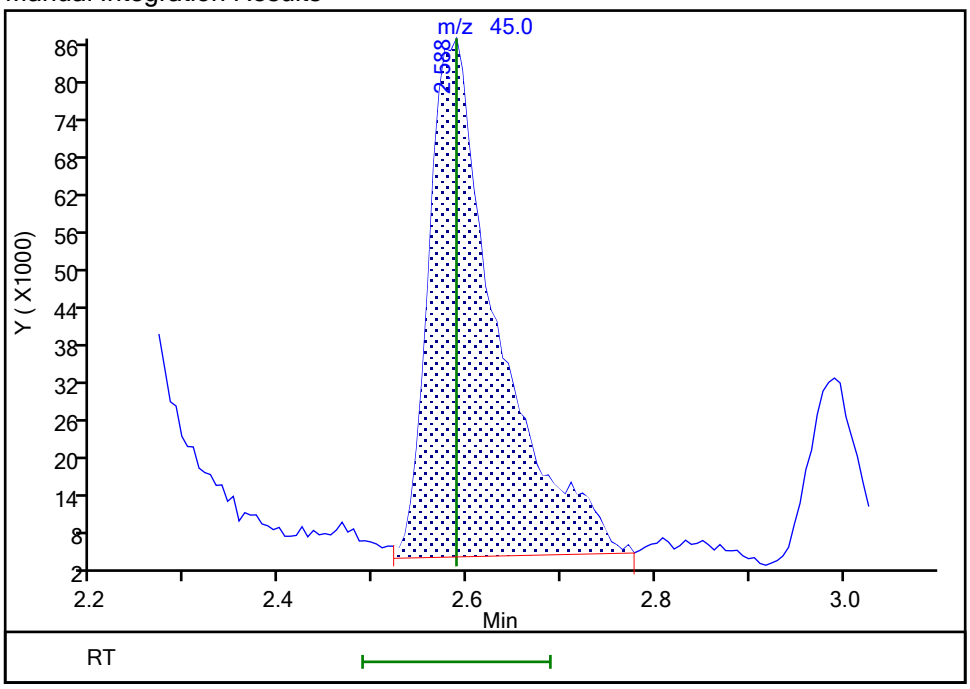
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 419842
Amount: 1947.4381
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

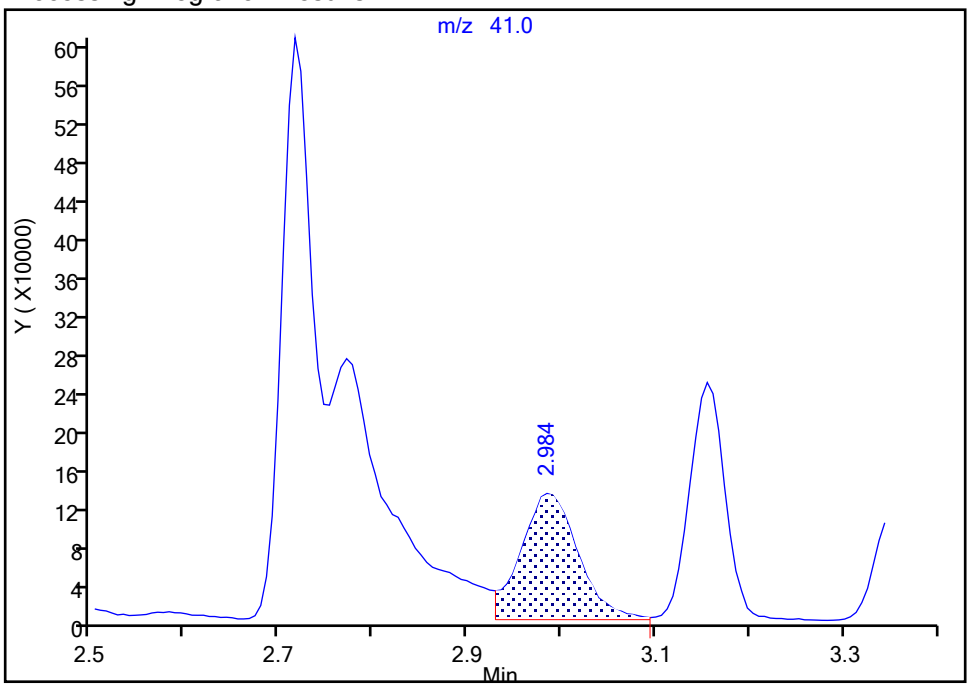
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84416.D
Injection Date: 30-Aug-2024 10:04:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

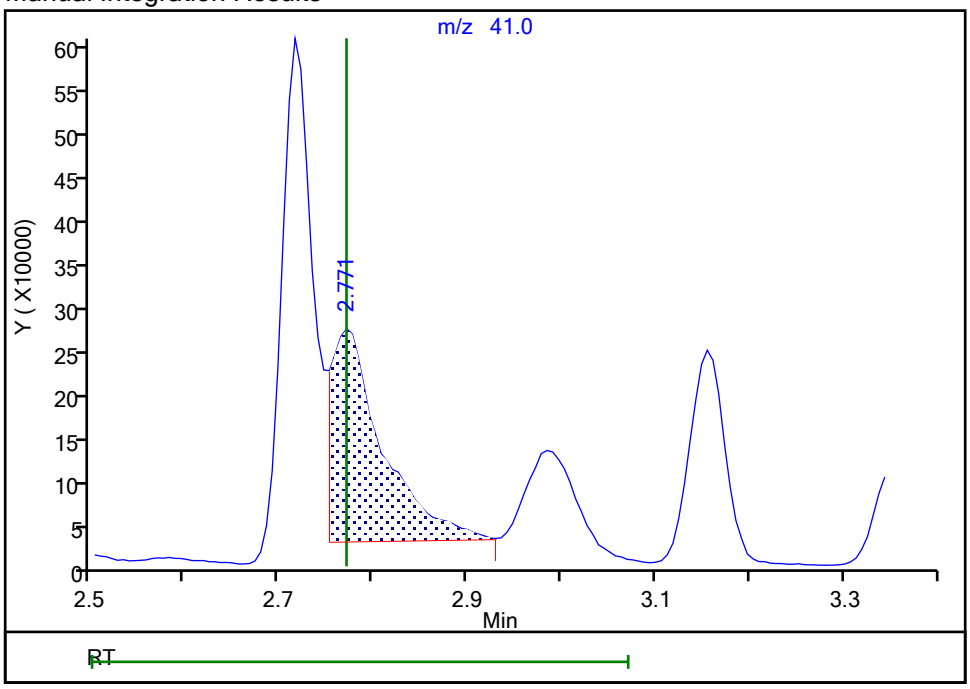
Processing Integration Results

RT: 2.98
Area: 566999
Amount: 1214.7668
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 927126
Amount: 1674.4772
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:30:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Aug-2024 10:24:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0180260-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 19:13:16 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1616

First Level Reviewer: FK2C Date: 30-Aug-2024 10:46:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	96	76108	500.0	500.3	
3 Chlorotrifluoroethene	116	1.308	1.314	-0.006	89	539370	500.0	500.8	
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	994689	500.0	468.8	
4 Dichlorodifluoromethane	85	1.345	1.338	0.007	99	3114166	500.0	617.7	
5 Chlorodifluoromethane	67	1.357	1.351	0.006	97	354929	500.0	500.6	
6 Chloromethane	50	1.497	1.491	0.006	98	2964620	500.0	490.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	2704086	500.0	510.1	
8 Butadiene	54	1.576	1.570	0.006	96	2662135	500.0	534.6	
9 Bromomethane	94	1.826	1.820	0.006	99	1697817	500.0	453.8	
10 Chloroethane	64	1.881	1.881	0.000	99	1470354	500.0	420.8	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	97	4043243	500.0	453.2	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	98	2840667	500.0	529.7	
13 Pentane	72	2.064	2.070	-0.006	98	274722	1000.0	532.2	
14 Ethanol	46	2.229	2.234	-0.005	82	458088	20000	20088	
15 Ethyl ether	74	2.235	2.234	0.001	94	1195813	500.0	480.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	90	1136334	500.0	326.1	a
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	93	1897047	500.0	561.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.357	2.350	0.007	94	2970032	500.0	498.3	
19 Acrolein	56	2.393	2.387	0.006	94	285379	400.0	396.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	93	613441	500.0	188.5	a
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	1028501	500.0	259.6	
22 Acetone	43	2.503	2.497	0.006	88	3402964	2500.0	2382.8	
23 Iodomethane	142	2.576	2.570	0.006	98	2612053	500.0	383.3	
25 Isopropyl alcohol	45	2.588	2.588	0.000	91	1286832	5000.0	4740.3	a
24 Carbon disulfide	76	2.613	2.600	0.013	99	3383441	500.0	238.9	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	99	1136356	500.0	421.8	
27 Methyl acetate	43	2.722	2.722	0.000	98	2915935	1000.0	875.1	
28 Cyclopentene	67	2.741	2.734	0.007	93	2547990	500.0	306.3	
29 Acetonitrile	41	2.771	2.771	0.000	99	2402595	5000.0	3886.0	a
* 31 TBA-d9 (IS)	66	2.856	2.832	0.024	0	66752	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.844	2.838	0.006	92	2054374	500.0	418.6	
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	96	2198901	5000.0	5064.3	
33 Methyl tert-butyl ether	73	2.985	2.984	0.000	98	5345732	500.0	437.4	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	94	1557539	500.0	365.7	
35 Acrylonitrile	53	3.076	3.070	0.006	93	6379978	5000.0	3871.4	
36 Hexane	57	3.155	3.155	0.000	94	706245	500.0	158.5	
37 Isopropyl ether	45	3.362	3.356	0.006	87	5903918	500.0	401.6	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	98	3148960	500.0	398.6	
39 Vinyl acetate	86	3.399	3.393	0.006	99	864927	1000.0	1261.4	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	1525911	500.0	427.3	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	93	5636746	500.0	430.3	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	496691	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	96	530531	500.0	437.3	
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	97	2062470	500.0	427.7	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	99	1224508	2500.0	2347.6	
46 Ethyl acetate	70	3.893	3.887	0.006	97	451876	1000.0	988.3	
47 Methyl acrylate	55	3.948	3.941	0.007	99	1849793	500.0	525.1	
48 Propionitrile	54	4.015	4.009	0.006	98	2912975	5000.0	3809.6	
50 Tetrahydrofuran	72	4.088	4.082	0.006	85	551568	1000.0	880.9	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	1098245	500.0	465.9	
51 Methacrylonitrile	67	4.118	4.112	0.006	85	6230054	5000.0	3742.6	
52 Chloroform	83	4.143	4.143	0.000	97	2984524	500.0	424.3	
53 Cyclohexane	84	4.277	4.271	0.006	92	1082231	500.0	198.9	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	99	1891529	500.0	364.6	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203698	50.0	50.2	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	1321700	500.0	385.8	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	96	1753410	500.0	329.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	97	3425717	12500	23602	
59 Isooctane	57	4.594	4.582	0.012	94	4465955	500.0	356.5	
60 Benzene	78	4.612	4.612	0.000	98	5502222	500.0	308.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.631	4.624	0.007	0	249535	50.0	52.0	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	6321068	500.0	475.3	
63 Isopropyl acetate	61	4.679	4.673	0.006	95	1136534	500.0	518.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	94	2376646	500.0	434.3	
65 n-Heptane	100	4.771	4.771	0.000	93	155049	500.0	209.4	
* 66 Fluorobenzene	96	4.893	4.886	0.007	98	838521	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	89	1443443	12500	14862	
68 Trichloroethene	95	5.234	5.228	0.006	98	1589878	500.0	399.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	67	1336567	500.0	214.9	
70 Ethyl acrylate	99	5.356	5.356	0.000	98	238571	500.0	499.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	91	2090847	500.0	469.8	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37228	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	86	1074433	1000.0	1149.0	
75 1,4-Dioxane	88	5.624	5.618	0.006	89	464769	10000	11489	
74 Dibromomethane	93	5.636	5.630	0.006	96	1216586	500.0	475.7	
76 n-Propyl acetate	43	5.649	5.648	0.001	96	2842478	500.0	493.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	98	2332147	500.0	505.9	
78 2-Nitropropane	41	6.118	6.112	0.006	97	715471	1000.0	999.8	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	94	1374141	501.2	497.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	98	3645202	10000	8650.5	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	3111522	500.0	479.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	79	3860713	2500.0	2219.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	813589	50.0	49.7	
84 Toluene	91	6.594	6.587	0.007	96	5259836	500.0	273.9	
85 trans-1,3-Dichloropropene	75	6.941	6.935	0.006	98	2746373	500.0	502.5	
86 Ethyl methacrylate	69	6.978	6.977	0.001	92	2681146	500.0	499.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	96	1507602	500.0	478.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	95	1432037	500.0	356.1	
89 1,3-Dichloropropane	76	7.356	7.349	0.007	95	2826061	500.0	445.9	
90 2-Hexanone	43	7.423	7.423	0.001	84	5030824	2500.0	1813.5	
91 n-Butyl acetate	43	7.545	7.544	0.001	96	2973678	500.0	515.8	
92 Chlorodibromomethane	129	7.581	7.575	0.006	98	1822645	500.0	607.9	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	1692728	500.0	479.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	49	611293	50.0	50.0	a
95 Chlorobenzene	112	8.307	8.300	0.007	86	4171973	500.0	374.0	
96 Ethylbenzene	106	8.416	8.410	0.006	91	2438718	500.0	404.6	
97 1,1,1,2-Tetrachloroethane	131	8.429	8.422	0.007	97	1784857	500.0	549.8	
98 m-Xylene & p-Xylene	106	8.575	8.569	0.006	0	2944065	500.0	407.8	
99 o-Xylene	106	9.093	9.087	0.006	94	3079741	500.0	418.0	
100 n-Butyl acrylate	73	9.093	9.087	0.006	94	1722962	500.0	704.7	
101 Styrene	104	9.130	9.123	0.007	85	4465588	500.0	382.8	
102 Bromoform	173	9.374	9.367	0.007	97	1217270	500.0	483.9	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	94	3478634	500.0	499.4	
104 Isopropylbenzene	105	9.532	9.532	0.000	95	4782057	500.0	285.5	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	91	250955	50.0	48.8	
106 Bromobenzene	156	9.904	9.898	0.006	92	2061871	500.0	438.2	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	96	2204604	500.0	485.4	
108 N-Propylbenzene	91	10.001	9.995	0.006	98	5219083	500.0	244.5	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	96	642973	500.0	495.9	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	92	663589	500.0	631.7	
111 2-Chlorotoluene	91	10.105	10.105	0.000	94	4763159	500.0	317.8	
112 4-Ethyltoluene	105	10.129	10.123	0.006	95	5389679	500.0	301.4	
113 1,3,5-Trimethylbenzene	105	10.203	10.196	0.007	93	4241934	500.0	286.7	
114 4-Chlorotoluene	91	10.233	10.227	0.006	89	4692334	500.0	325.8	
115 Butyl Methacrylate	87	10.325	10.324	0.001	90	2607074	500.0	499.5	
116 tert-Butylbenzene	119	10.514	10.507	0.007	85	3841395	500.0	309.2	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	89	4267433	500.0	276.9	
118 sec-Butylbenzene	105	10.727	10.727	0.000	88	4679577	500.0	248.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	86	3110125	500.0	338.0	
120 4-Isopropyltoluene	119	10.873	10.867	0.006	95	4178261	500.0	258.8	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	95	330651	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	83	3121694	500.0	340.3	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	83	4680186	500.0	279.5	
124 Benzyl chloride	91	11.093	11.086	0.007	94	3383816	500.0	522.3	
125 2,3-Dihydroindene	117	11.154	11.147	0.007	86	4472685	500.0	281.0	
126 p-Diethylbenzene	119	11.221	11.214	0.007	88	3488390	500.0	338.1	
127 n-Butylbenzene	92	11.239	11.239	0.000	88	2786416	500.0	315.1	
128 1,2-Dichlorobenzene	146	11.288	11.282	0.006	83	3081778	500.0	341.0	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	86	4306351	500.0	266.7	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	97	402984	500.0	434.7	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	91	2688238	500.0	348.8	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	95	2426732	500.0	351.3	
133 Hexachlorobutadiene	225	12.678	12.671	0.007	97	1220751	500.0	343.5	
134 Naphthalene	128	12.775	12.775	0.000	88	4342539	500.0	269.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	93	2415594	500.0	340.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	793.4	
S 137 Xylenes, Total	100				0		1000.0	825.8	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	981.6	
S 140 Total BTEX	1				0		2500.0	1812.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	50.00	Units: uL	
MIX I Hi_00179	Amount Added:	50.00	Units: uL	
Ethanol mix_00092	Amount Added:	50.00	Units: uL	
7 Freons Hi_00017	Amount Added:	50.00	Units: uL	
ACROLEIN W_00173	Amount Added:	40.00	Units: uL	
GAS Hi_00477	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 19:13:17 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17

Lims ID: STD500

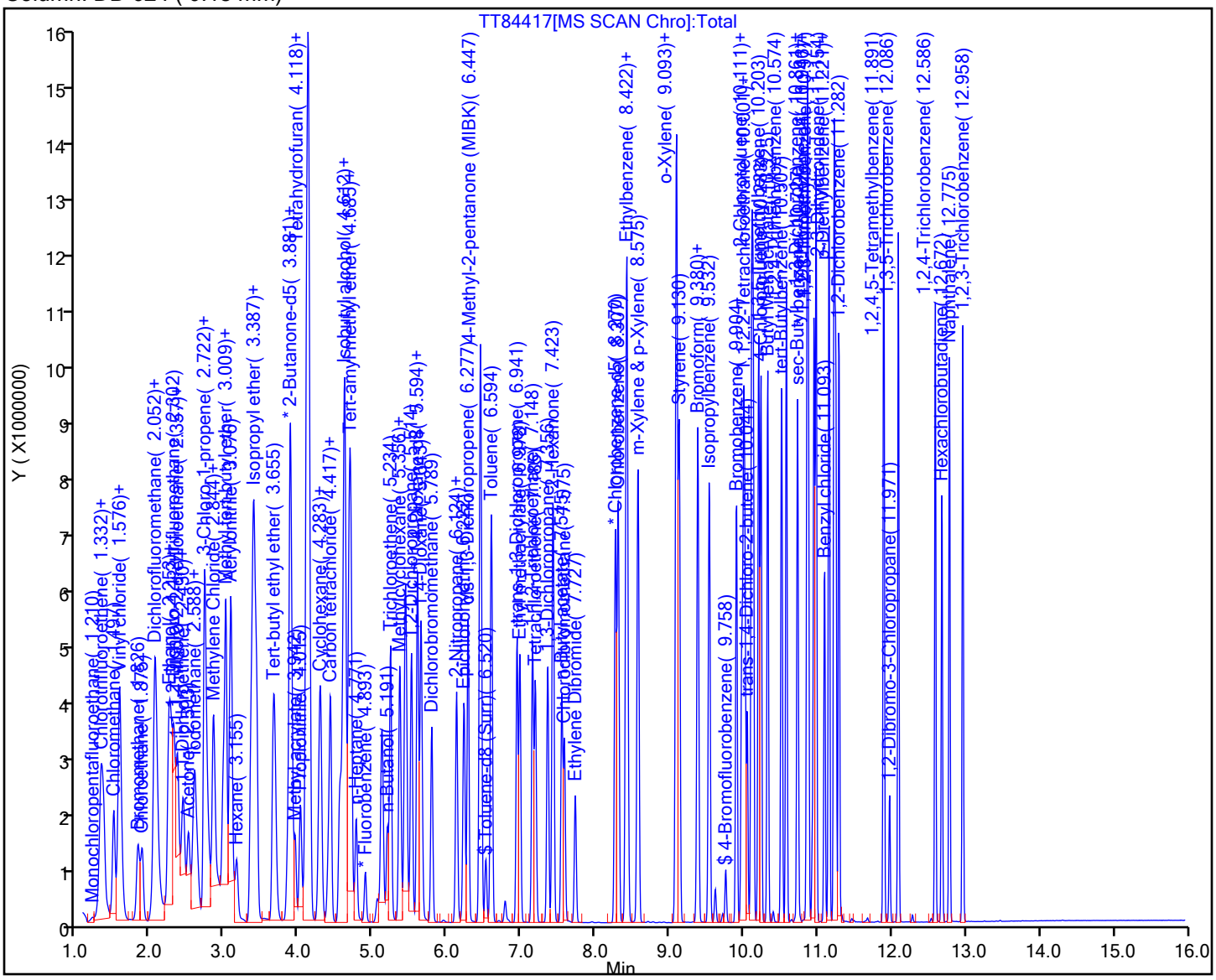
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

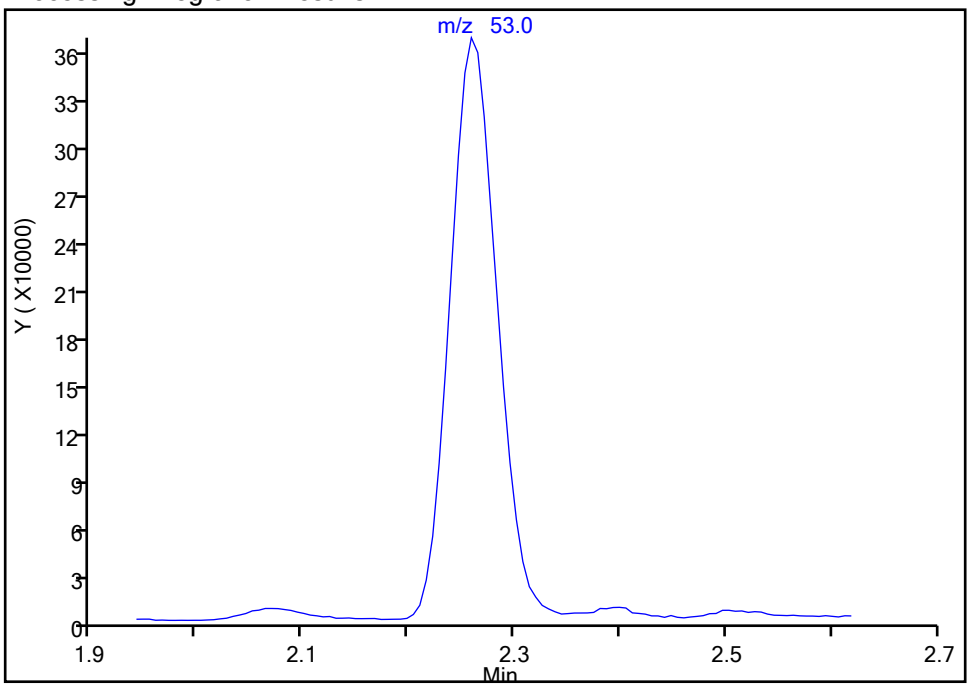
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

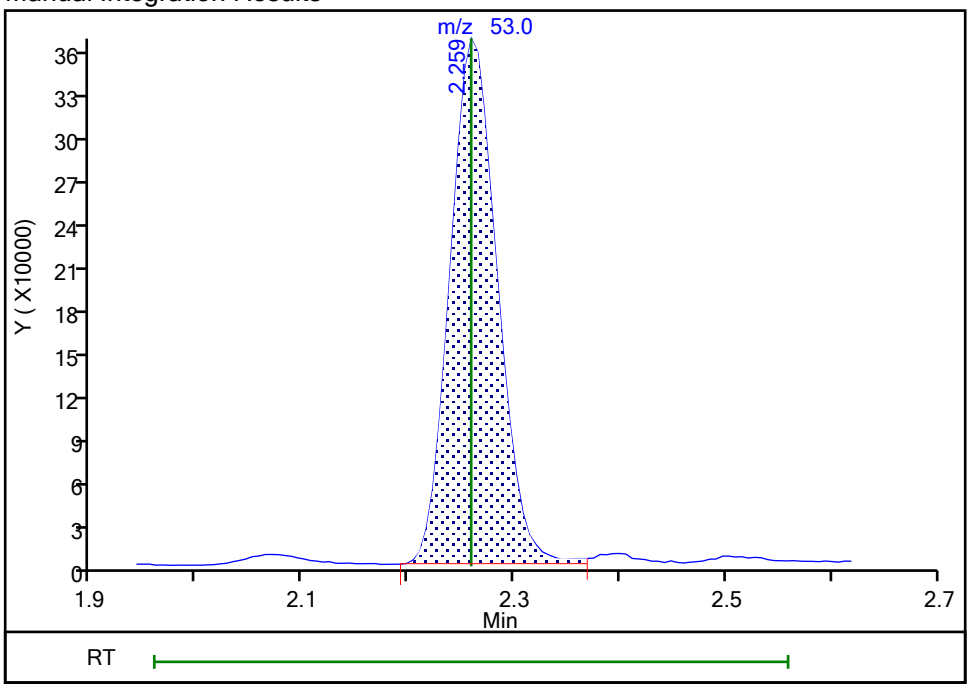
Not Detected
Expected RT: 2.26

Processing Integration Results



Manual Integration Results

RT: 2.26
Area: 1136334
Amount: 326.1087
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

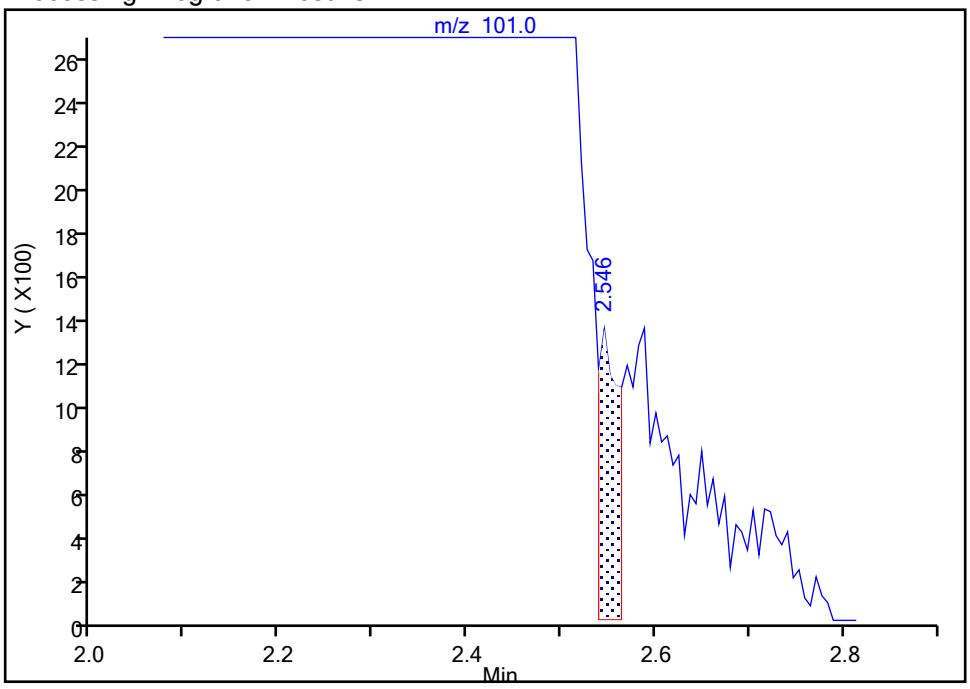
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

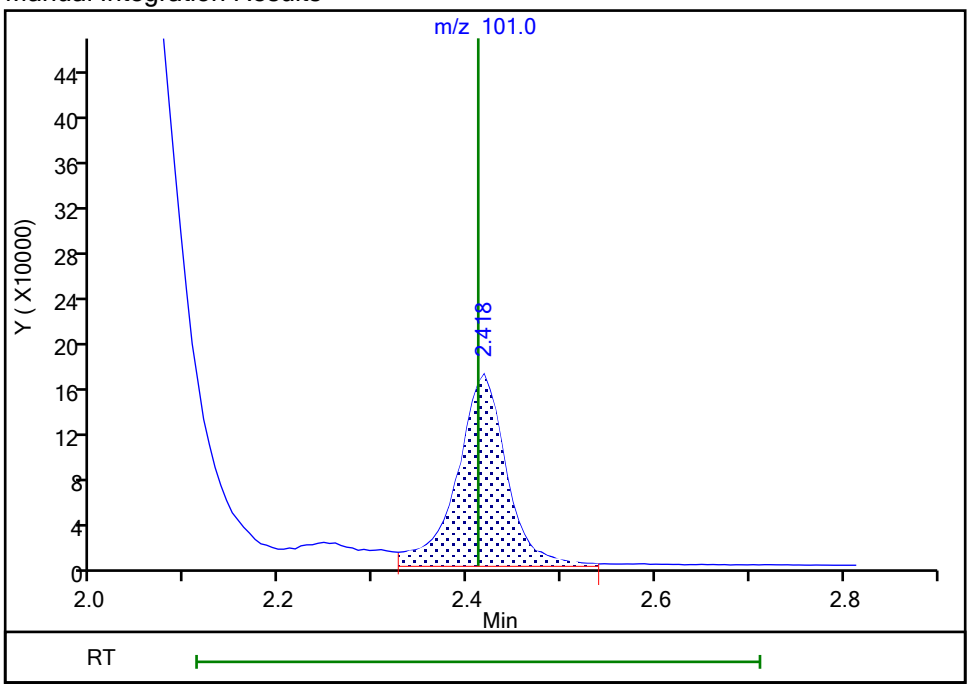
Processing Integration Results

RT: 2.55
Area: 2065
Amount: 0.740267
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 613441
Amount: 188.5325
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

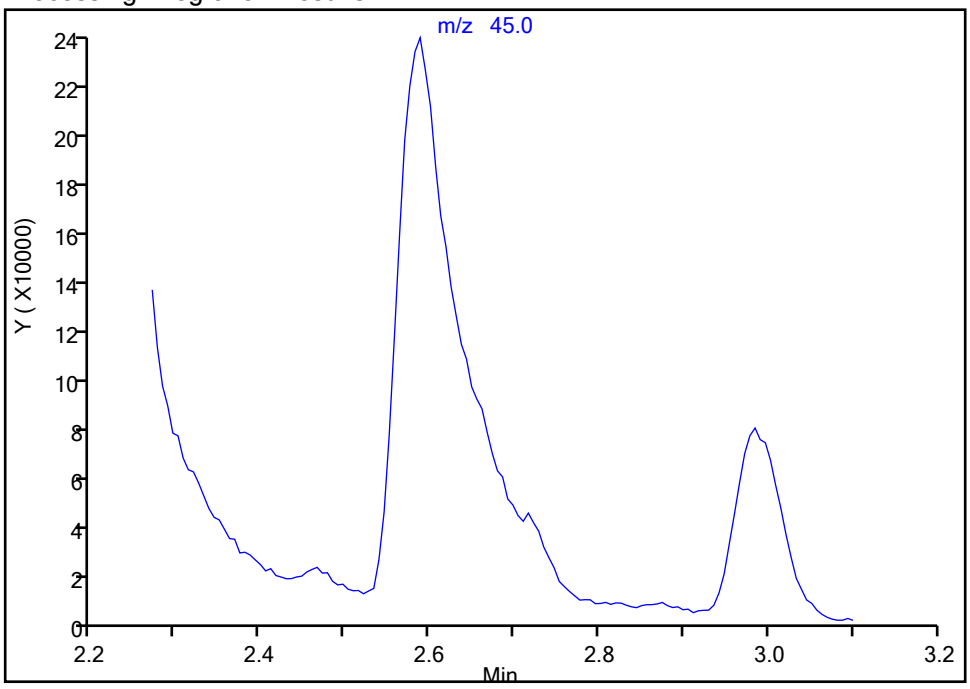
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Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

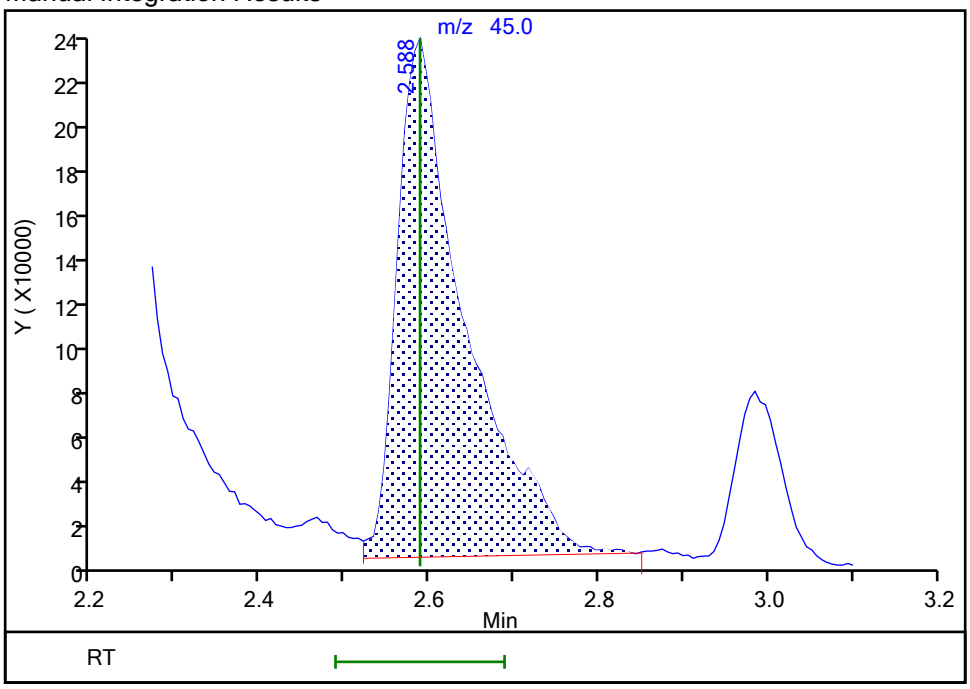
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 1286832
Amount: 4740.2510
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

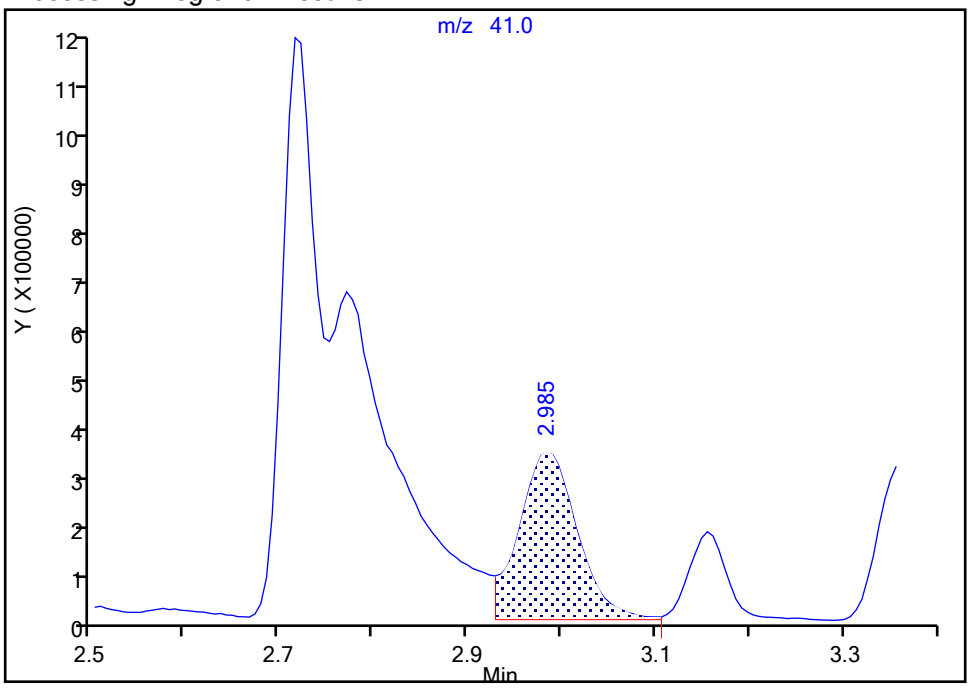
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

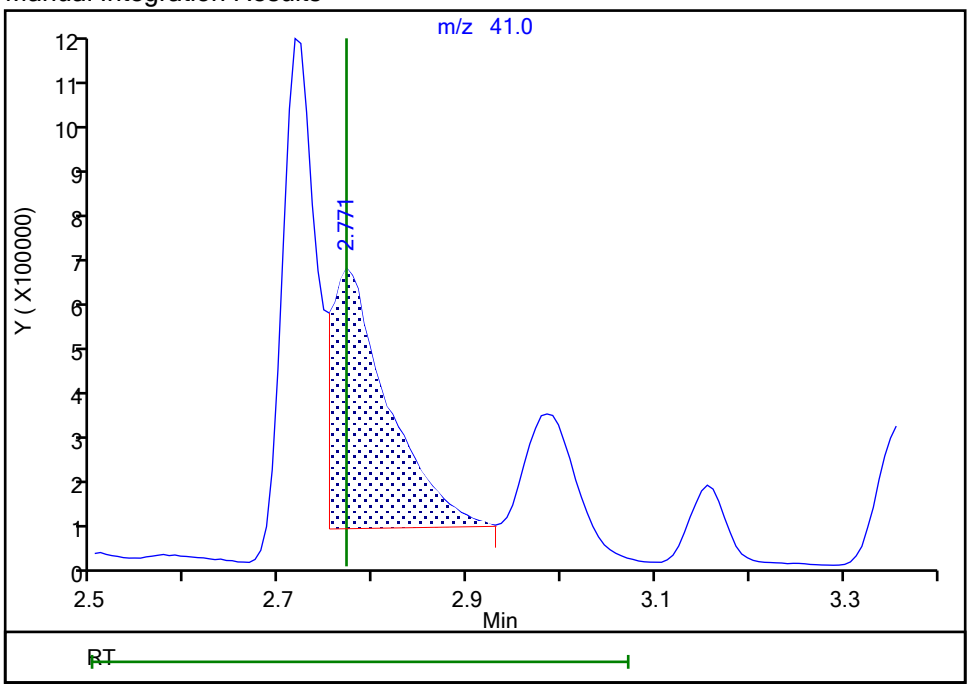
Processing Integration Results

RT: 2.98
Area: 1454079
Amount: 3720.3669
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 2402595
Amount: 3886.0232
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

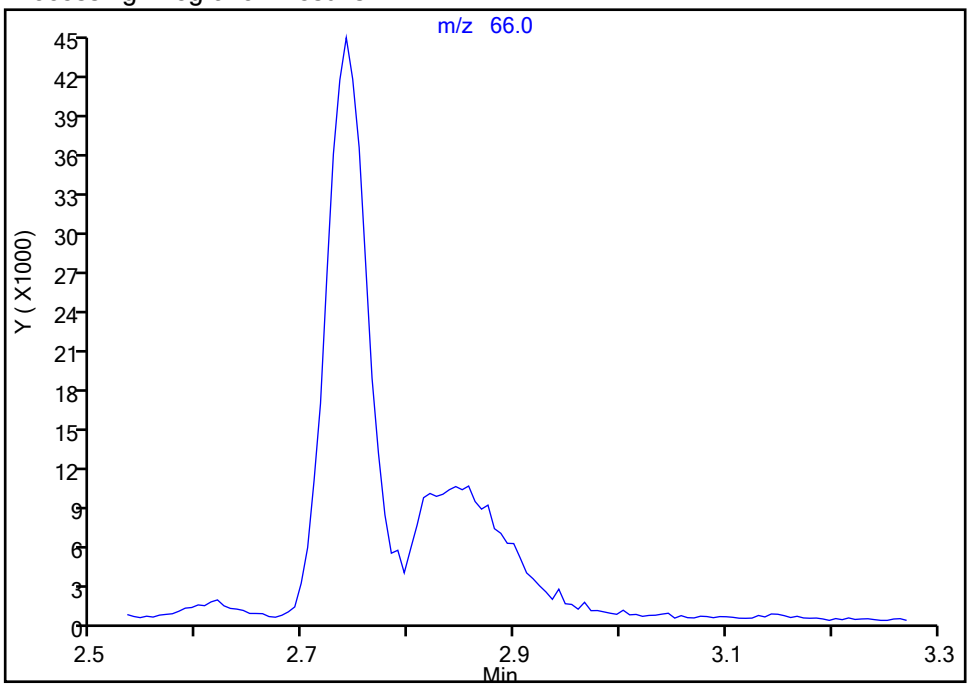
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

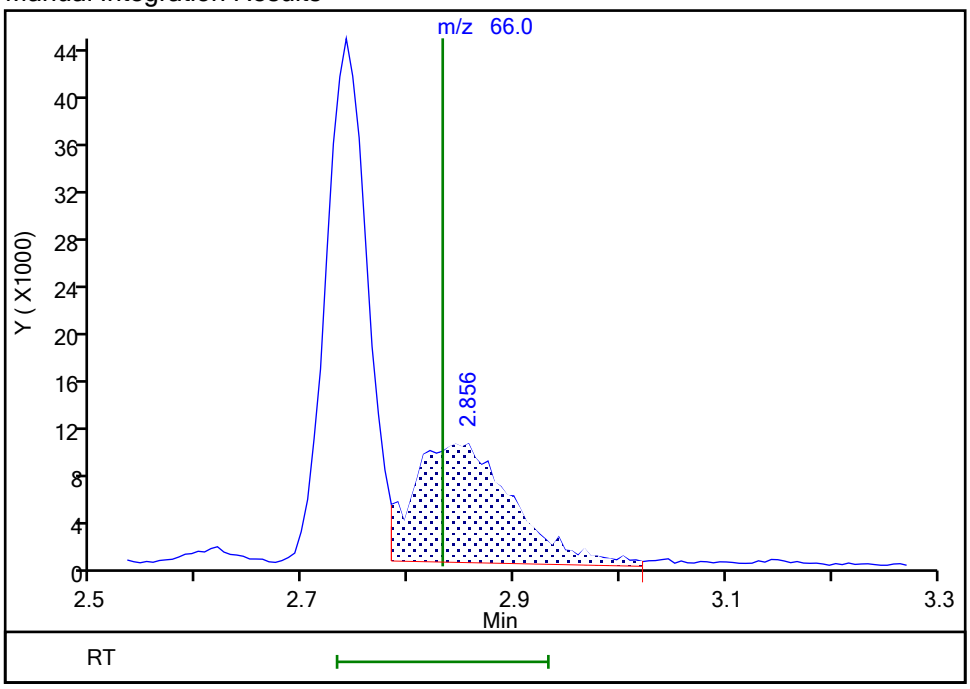
Not Detected
Expected RT: 2.83

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 66752
Amount: 1000.0000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 10:45:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

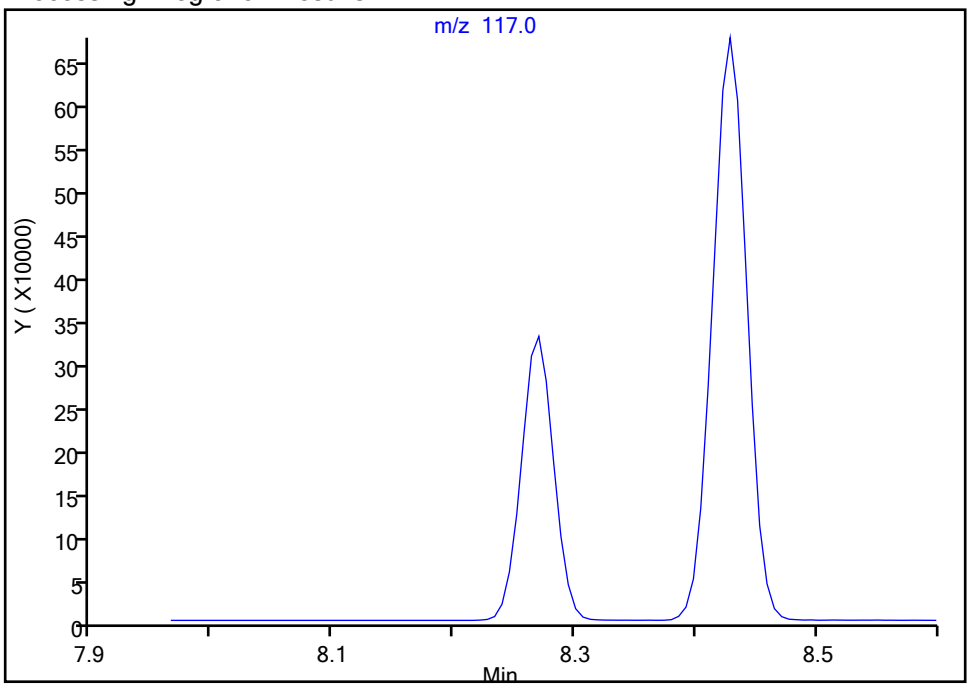
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D
Injection Date: 30-Aug-2024 10:24:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

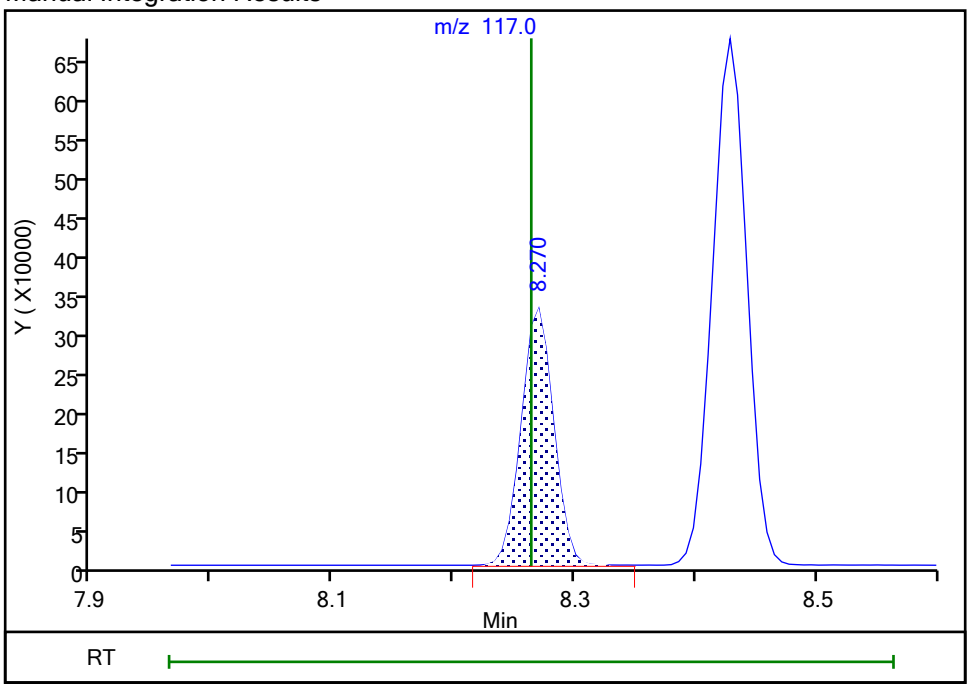
Not Detected
Expected RT: 8.26

Processing Integration Results



Manual Integration Results

RT: 8.27
Area: 611293
Amount: 50.000000
Amount Units: ug/l



Reviewer: FK2C, 30-Aug-2024 12:23:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

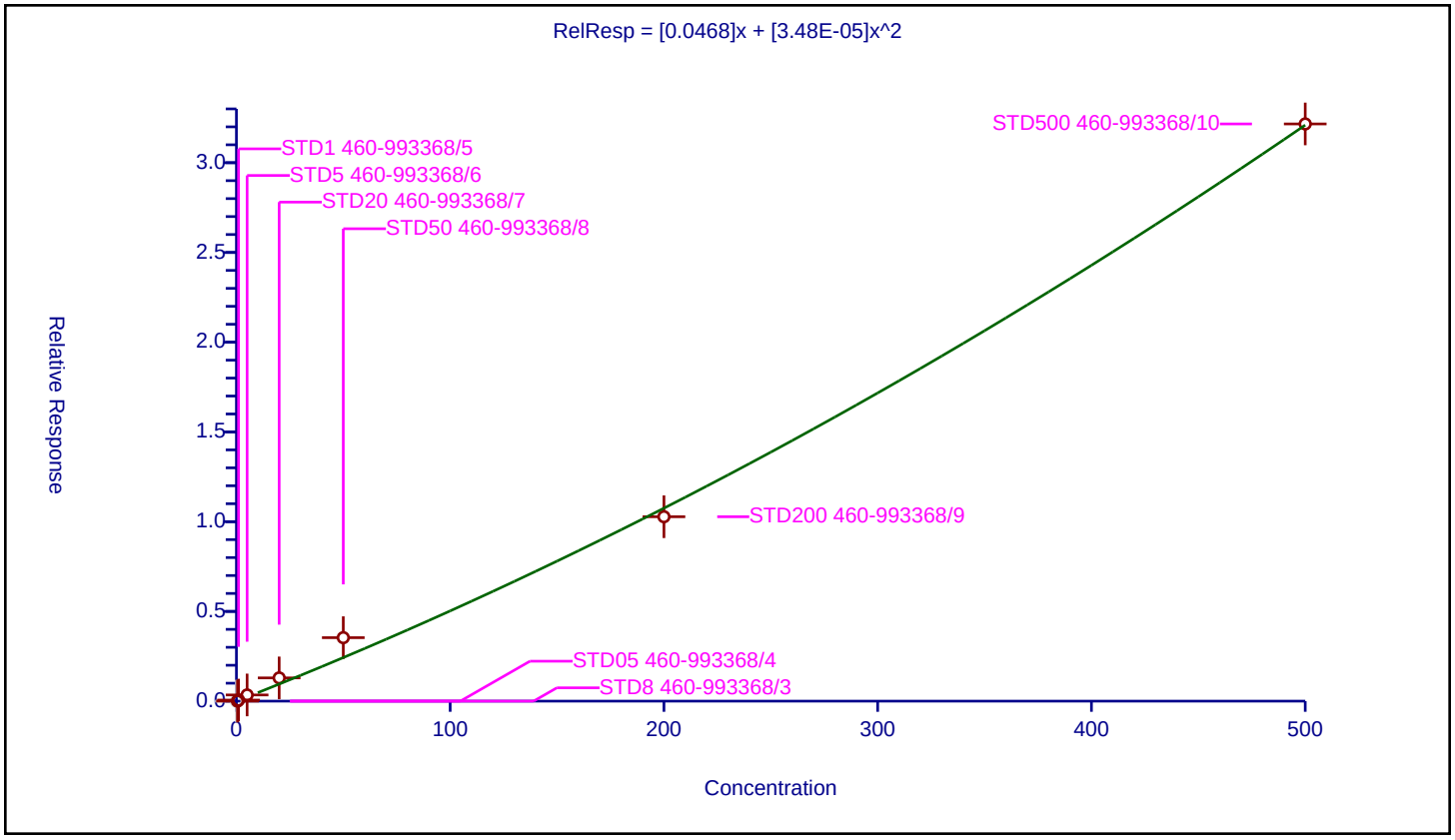
Curve Coefficients

Intercept:	0
Slope:	0.0468
Second Order:	3.48E-05

Error Coefficients

Relative Standard Deviation:	52.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.002865	50.0	767841.0	0.00573	Y
3	STD1 460-993368/5	1.0	0.058966	50.0	736870.0	0.058966	Y
4	STD5 460-993368/6	5.0	0.344781	50.0	753377.0	0.068956	Y
5	STD20 460-993368/7	20.0	1.294985	50.0	750665.0	0.064749	Y
6	STD50 460-993368/8	50.0	3.536826	50.0	760583.0	0.070737	Y
7	STD200 460-993368/9	200.0	10.275084	50.0	788850.0	0.051375	Y
8	STD500 460-993368/10	500.0	32.161985	50.0	838521.0	0.064324	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

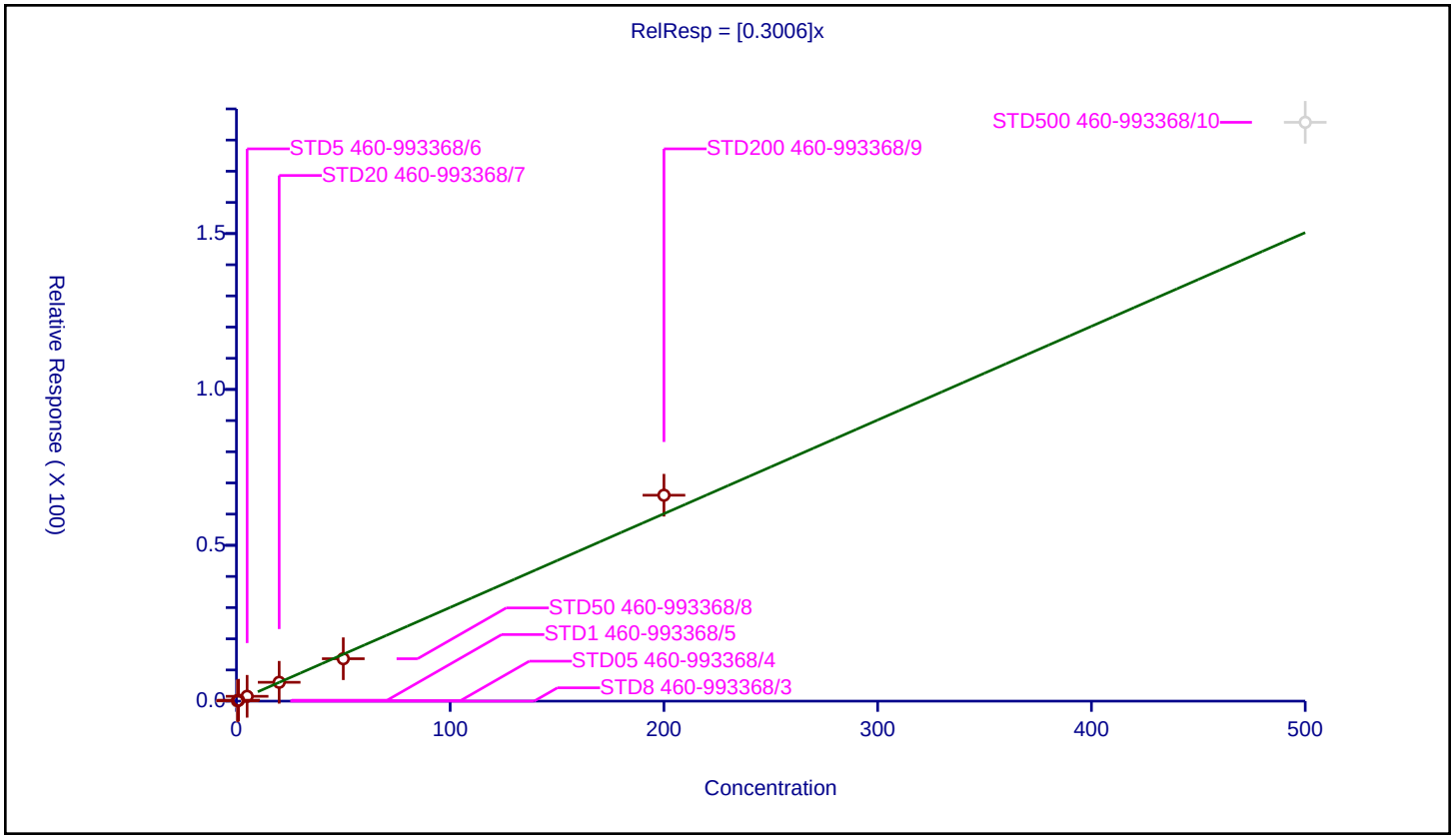
Curve Coefficients

Intercept:	0
Slope:	0.3006

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145082	50.0	767841.0	0.290164	Y
3	STD1 460-993368/5	1.0	0.298153	50.0	736870.0	0.298153	Y
4	STD5 460-993368/6	5.0	1.552875	50.0	753377.0	0.310575	Y
5	STD20 460-993368/7	20.0	6.047838	50.0	750665.0	0.302392	Y
6	STD50 460-993368/8	50.0	13.609297	50.0	760583.0	0.272186	Y
7	STD200 460-993368/9	200.0	66.061038	50.0	788850.0	0.330305	Y
8	STD500 460-993368/10	500.0	185.693978	50.0	838521.0	0.371388	N



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

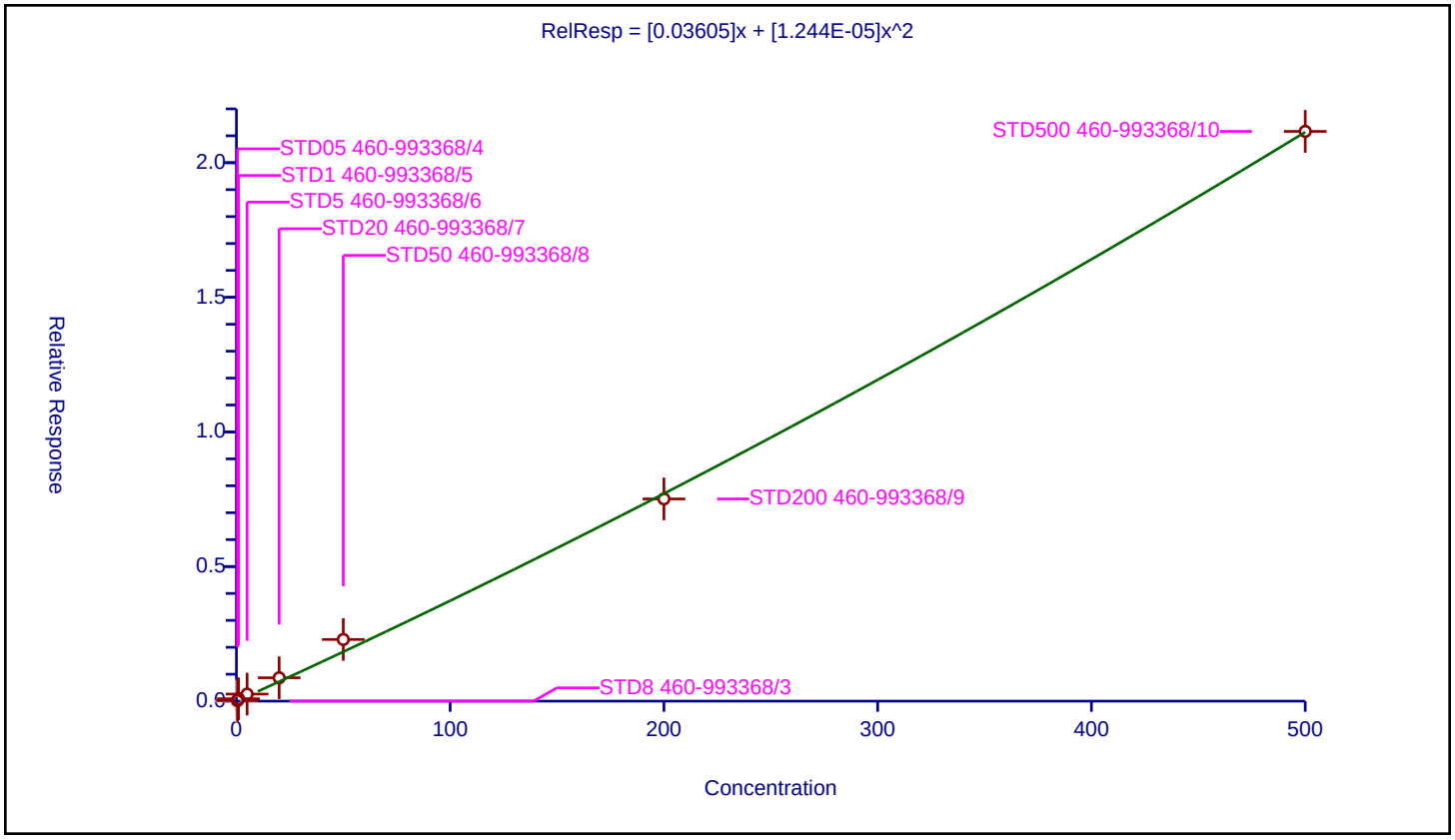
Curve Coefficients

Intercept:	0
Slope:	0.03605
Second Order:	1.244E-05

Error Coefficients

Relative Standard Deviation:	69.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.020382	50.0	767841.0	0.040764	Y
3	STD1 460-993368/5	1.0	0.088279	50.0	736870.0	0.088279	Y
4	STD5 460-993368/6	5.0	0.261489	50.0	753377.0	0.052298	Y
5	STD20 460-993368/7	20.0	0.867697	50.0	750665.0	0.043385	Y
6	STD50 460-993368/8	50.0	2.289757	50.0	760583.0	0.045795	Y
7	STD200 460-993368/9	200.0	7.51087	50.0	788850.0	0.037554	Y
8	STD500 460-993368/10	500.0	21.16399	50.0	838521.0	0.042328	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

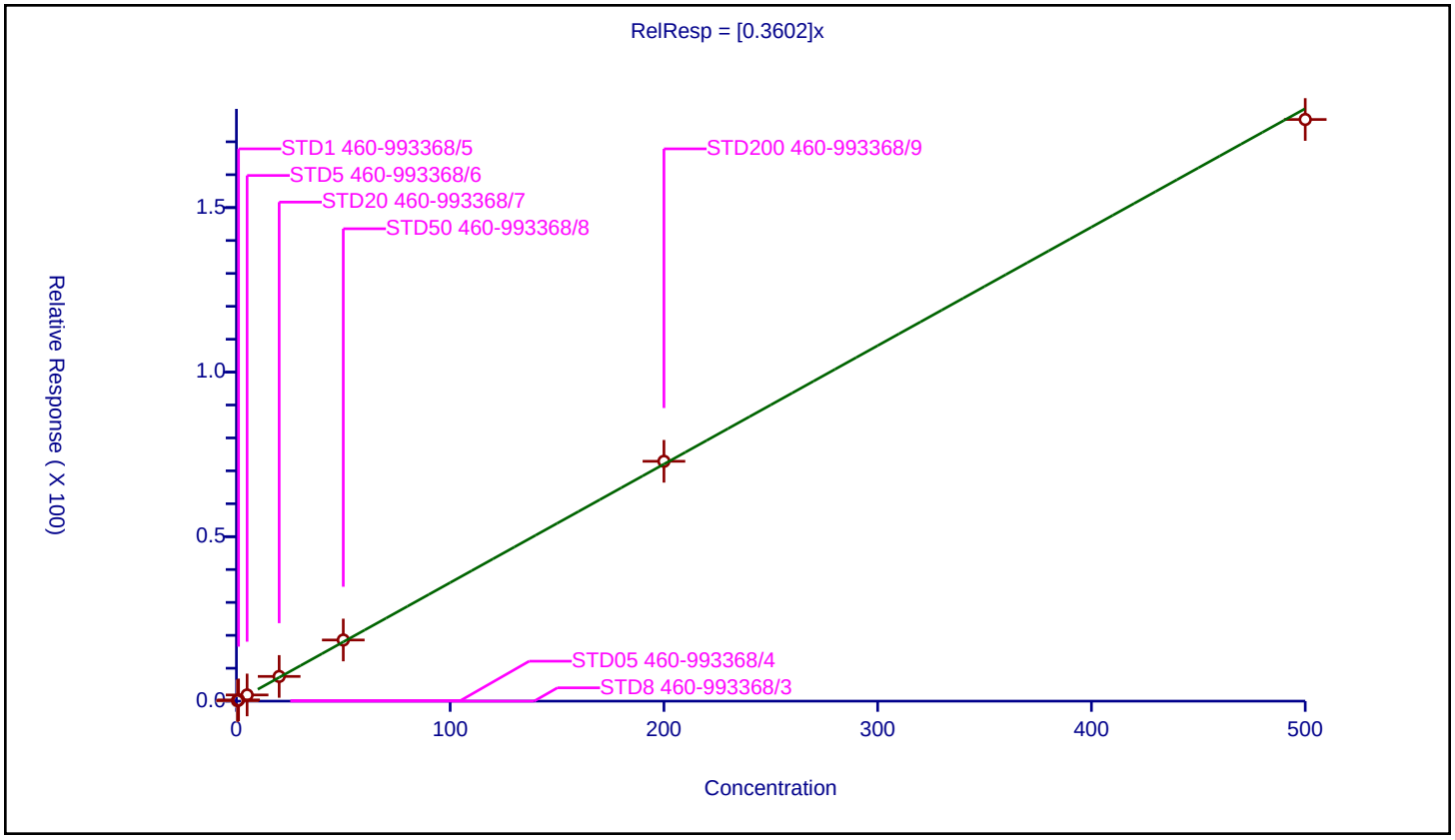
Curve Coefficients

Intercept:	0
Slope:	0.3602

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.157845	50.0	767841.0	0.31569	Y
3	STD1 460-993368/5	1.0	0.364311	50.0	736870.0	0.364311	Y
4	STD5 460-993368/6	5.0	1.881329	50.0	753377.0	0.376266	Y
5	STD20 460-993368/7	20.0	7.504146	50.0	750665.0	0.375207	Y
6	STD50 460-993368/8	50.0	18.582719	50.0	760583.0	0.371654	Y
7	STD200 460-993368/9	200.0	72.897699	50.0	788850.0	0.364488	Y
8	STD500 460-993368/10	500.0	176.77673	50.0	838521.0	0.353553	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

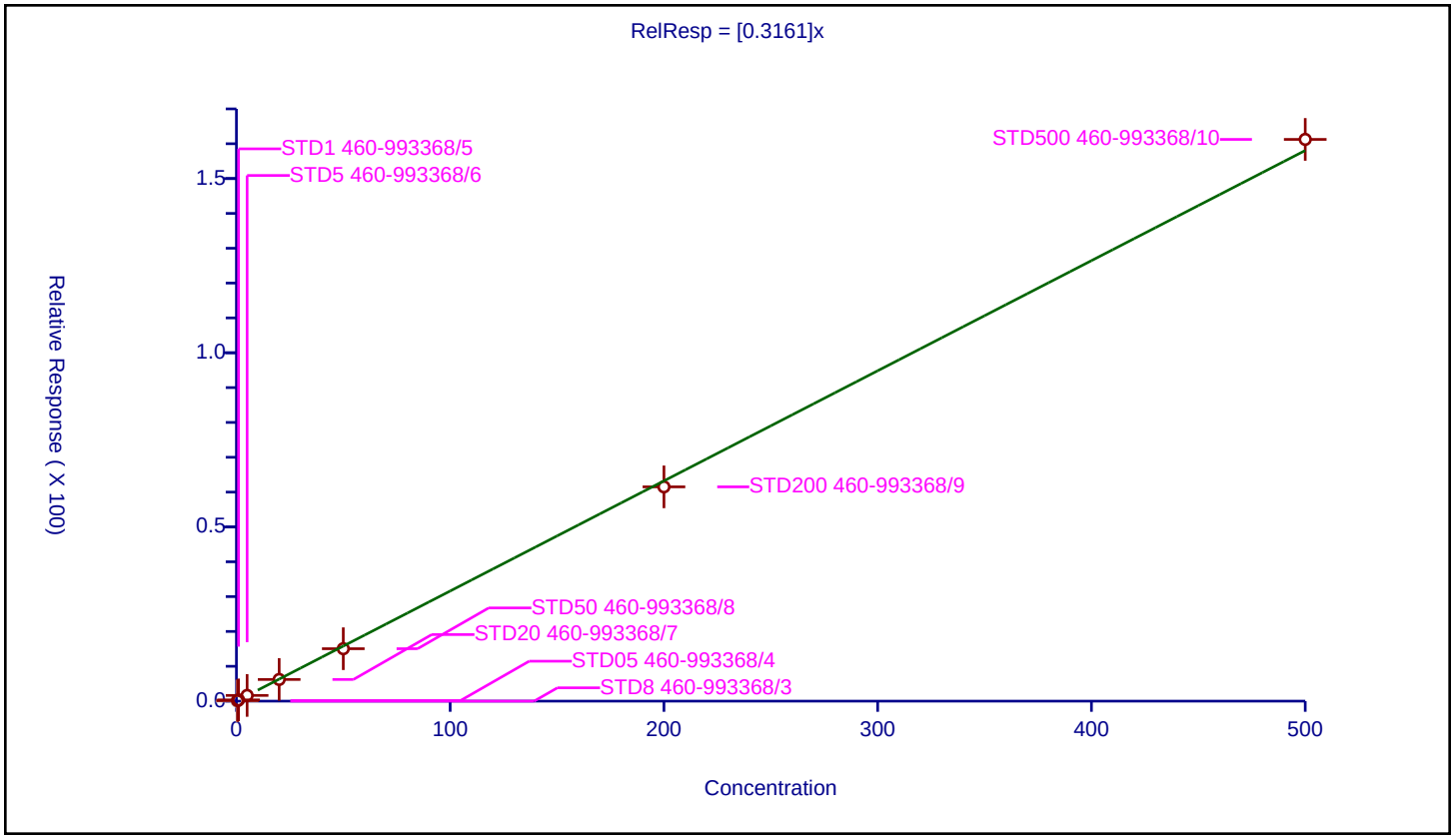
Curve Coefficients

Intercept:	0
Slope:	0.3161

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.145603	50.0	767841.0	0.291206	Y
3	STD1 460-993368/5	1.0	0.35203	50.0	736870.0	0.35203	Y
4	STD5 460-993368/6	5.0	1.63683	50.0	753377.0	0.327366	Y
5	STD20 460-993368/7	20.0	6.22175	50.0	750665.0	0.311088	Y
6	STD50 460-993368/8	50.0	15.052072	50.0	760583.0	0.301041	Y
7	STD200 460-993368/9	200.0	61.507067	50.0	788850.0	0.307535	Y
8	STD500 460-993368/10	500.0	161.2414	50.0	838521.0	0.322483	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

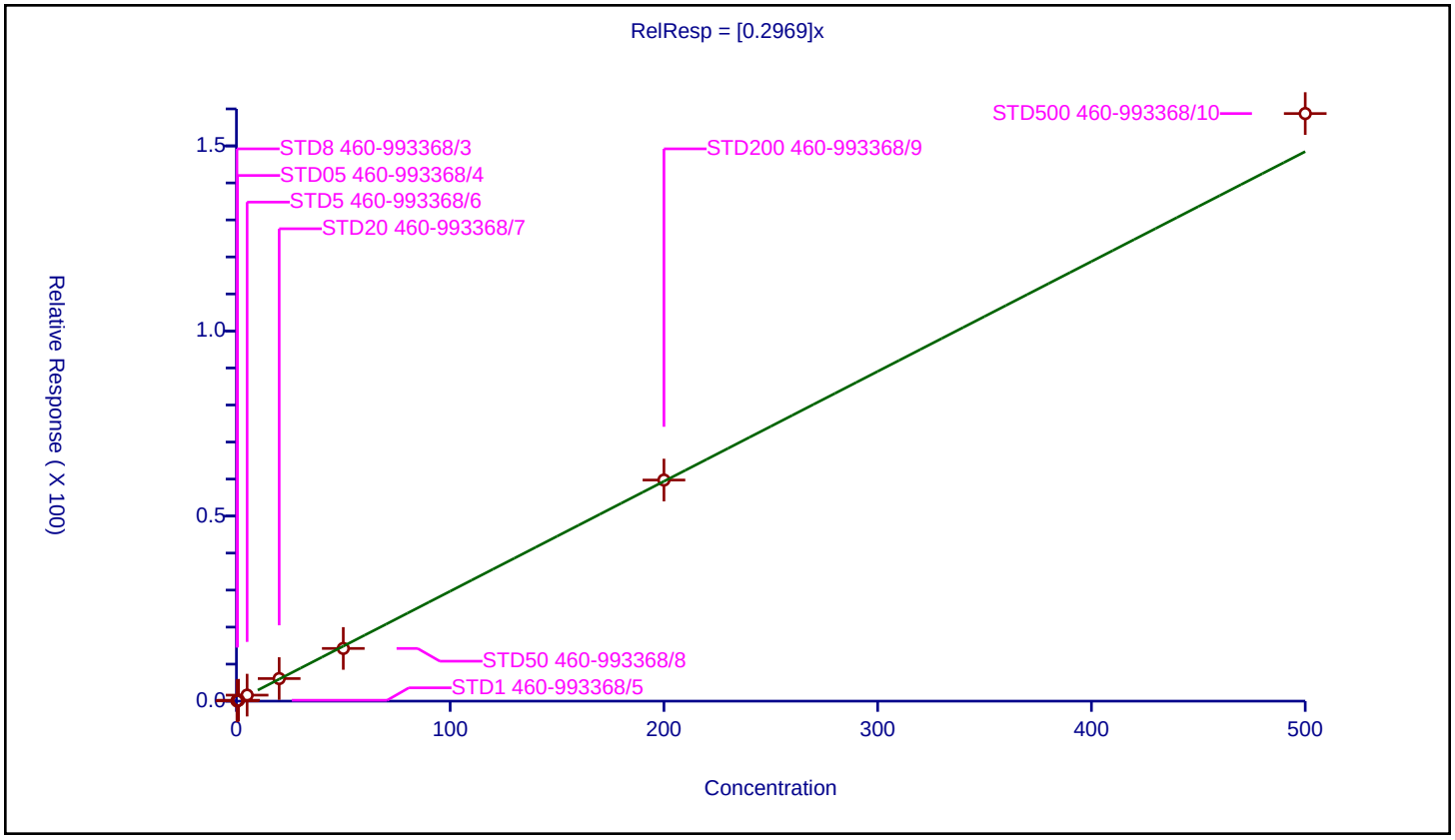
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.075755	50.0	794663.0	0.303022	Y
2	STD05 460-993368/4	0.5	0.151659	50.0	767841.0	0.303318	Y
3	STD1 460-993368/5	1.0	0.238237	50.0	736870.0	0.238237	Y
4	STD5 460-993368/6	5.0	1.625879	50.0	753377.0	0.325176	Y
5	STD20 460-993368/7	20.0	6.095529	50.0	750665.0	0.304776	Y
6	STD50 460-993368/8	50.0	14.238223	50.0	760583.0	0.284764	Y
7	STD200 460-993368/9	200.0	59.73398	50.0	788850.0	0.29867	Y
8	STD500 460-993368/10	500.0	158.739912	50.0	838521.0	0.31748	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

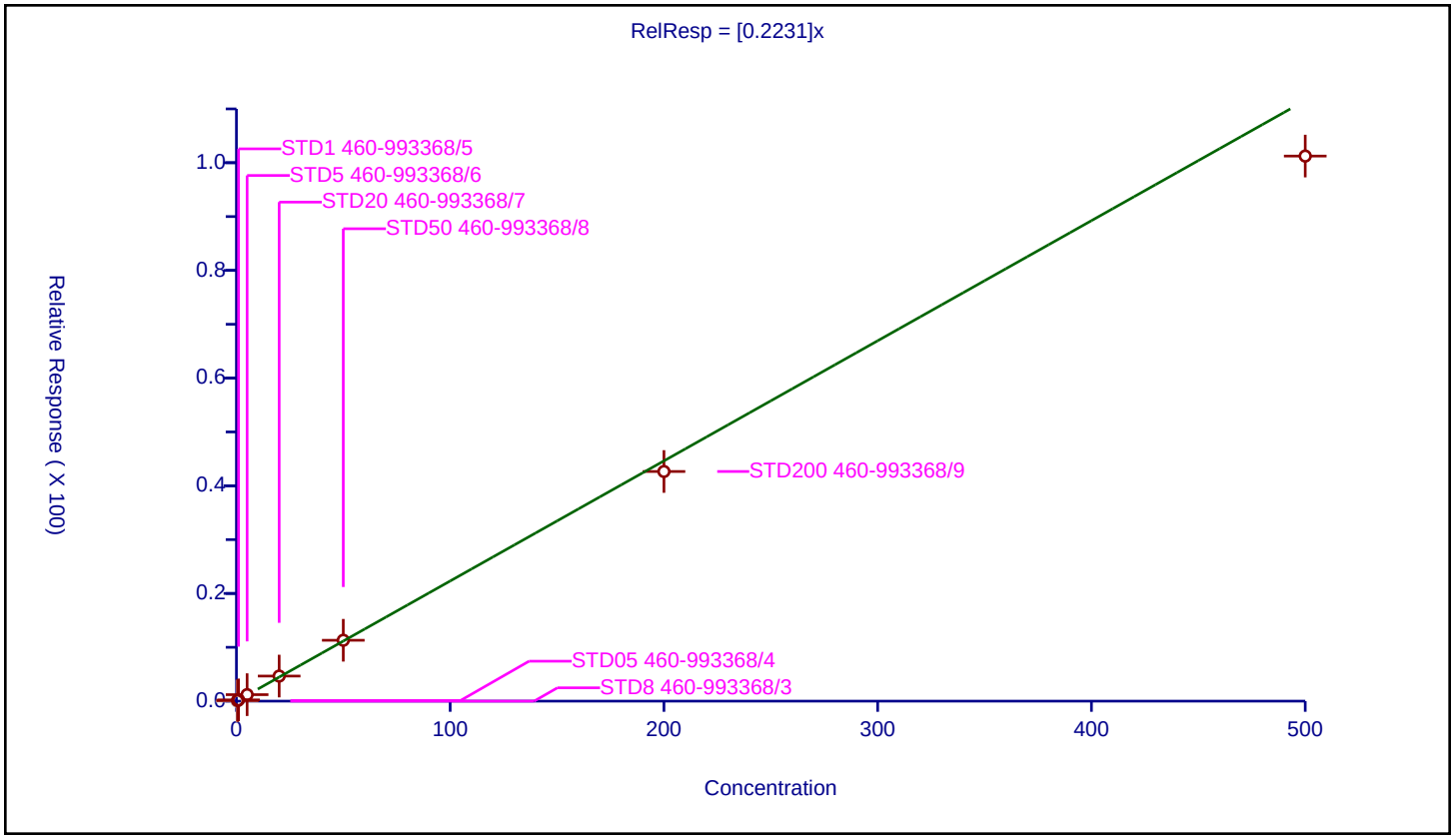
Curve Coefficients

Intercept:	0
Slope:	0.2231

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.107835	50.0	767841.0	0.21567	Y
3	STD1 460-993368/5	1.0	0.230231	50.0	736870.0	0.230231	Y
4	STD5 460-993368/6	5.0	1.205771	50.0	753377.0	0.241154	Y
5	STD20 460-993368/7	20.0	4.656271	50.0	750665.0	0.232814	Y
6	STD50 460-993368/8	50.0	11.307116	50.0	760583.0	0.226142	Y
7	STD200 460-993368/9	200.0	42.653356	50.0	788850.0	0.213267	Y
8	STD500 460-993368/10	500.0	101.238788	50.0	838521.0	0.202478	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

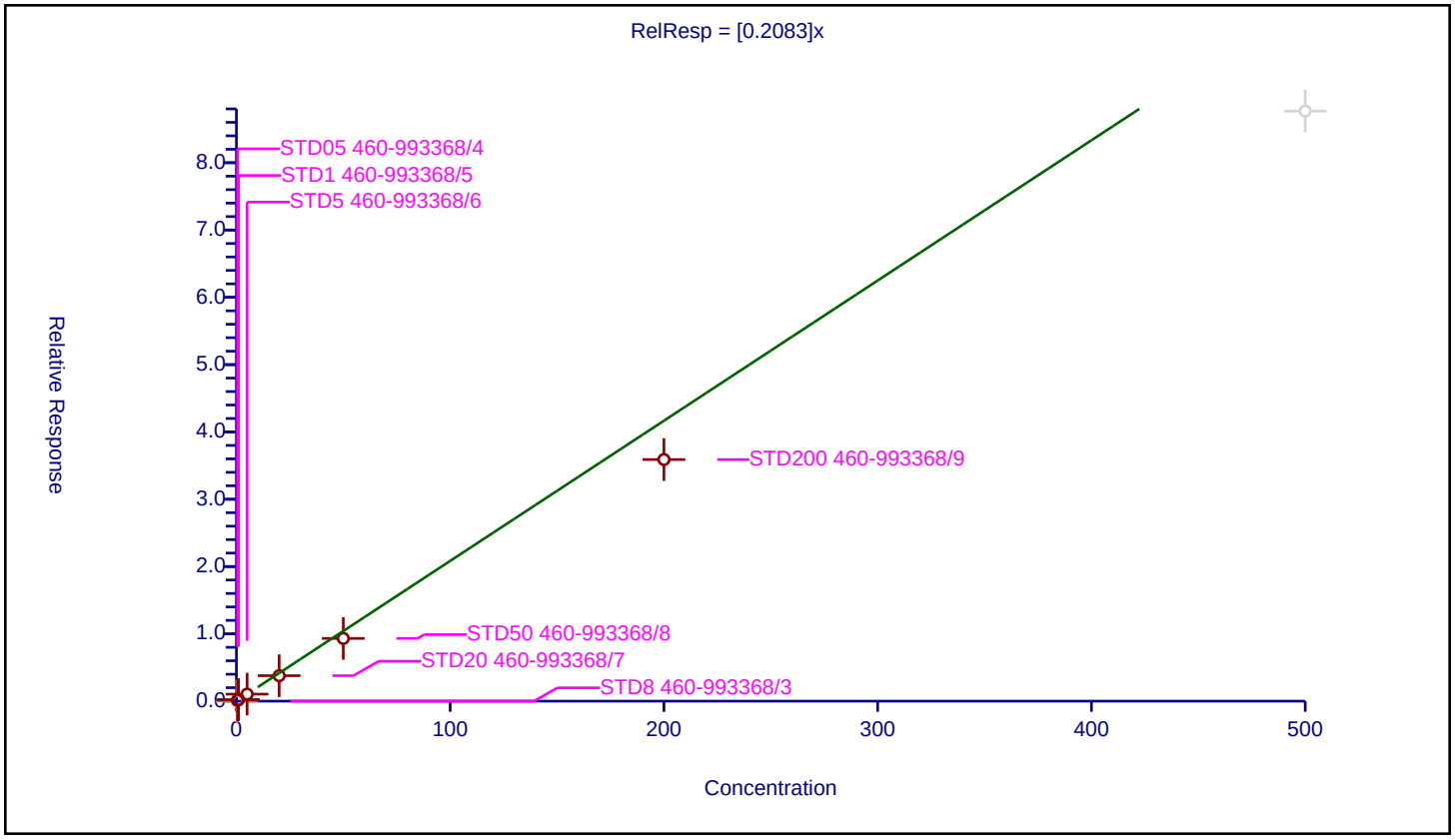
Curve Coefficients

Intercept:	0
Slope:	0.2083

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.128086	50.0	767841.0	0.256173	Y
3	STD1 460-993368/5	1.0	0.230095	50.0	736870.0	0.230095	Y
4	STD5 460-993368/6	5.0	1.043701	50.0	753377.0	0.20874	Y
5	STD20 460-993368/7	20.0	3.782979	50.0	750665.0	0.189149	Y
6	STD50 460-993368/8	50.0	9.317589	50.0	760583.0	0.186352	Y
7	STD200 460-993368/9	200.0	35.896178	50.0	788850.0	0.179481	Y
8	STD500 460-993368/10	500.0	87.675443	50.0	838521.0	0.175351	N



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

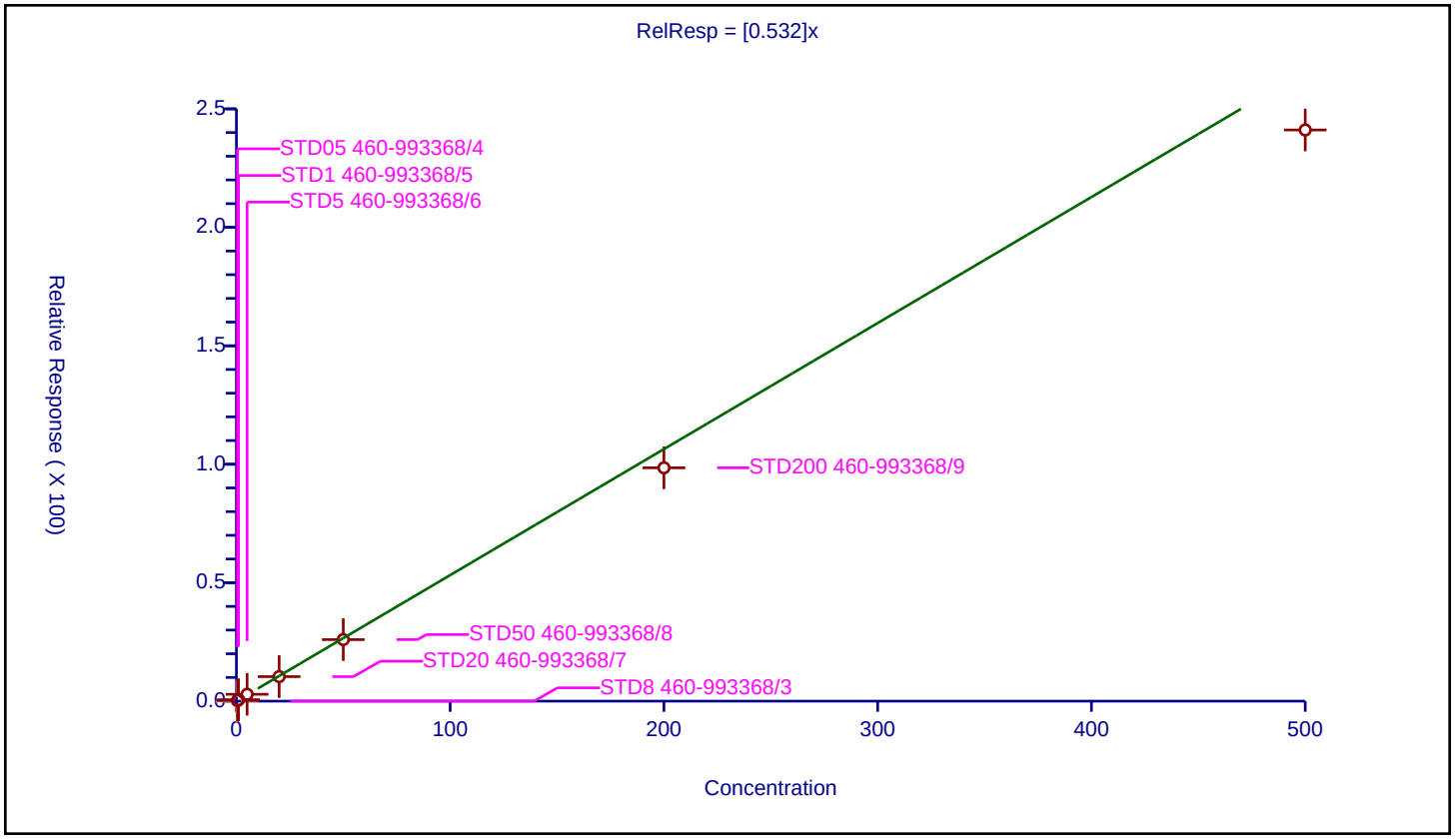
Curve Coefficients

Intercept:	0
Slope:	0.532

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.266787	50.0	767841.0	0.533574	Y
3	STD1 460-993368/5	1.0	0.600242	50.0	736870.0	0.600242	Y
4	STD5 460-993368/6	5.0	2.890585	50.0	753377.0	0.578117	Y
5	STD20 460-993368/7	20.0	10.352421	50.0	750665.0	0.517621	Y
6	STD50 460-993368/8	50.0	25.980399	50.0	760583.0	0.519608	Y
7	STD200 460-993368/9	200.0	98.488116	50.0	788850.0	0.492441	Y
8	STD500 460-993368/10	500.0	241.093723	50.0	838521.0	0.482187	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

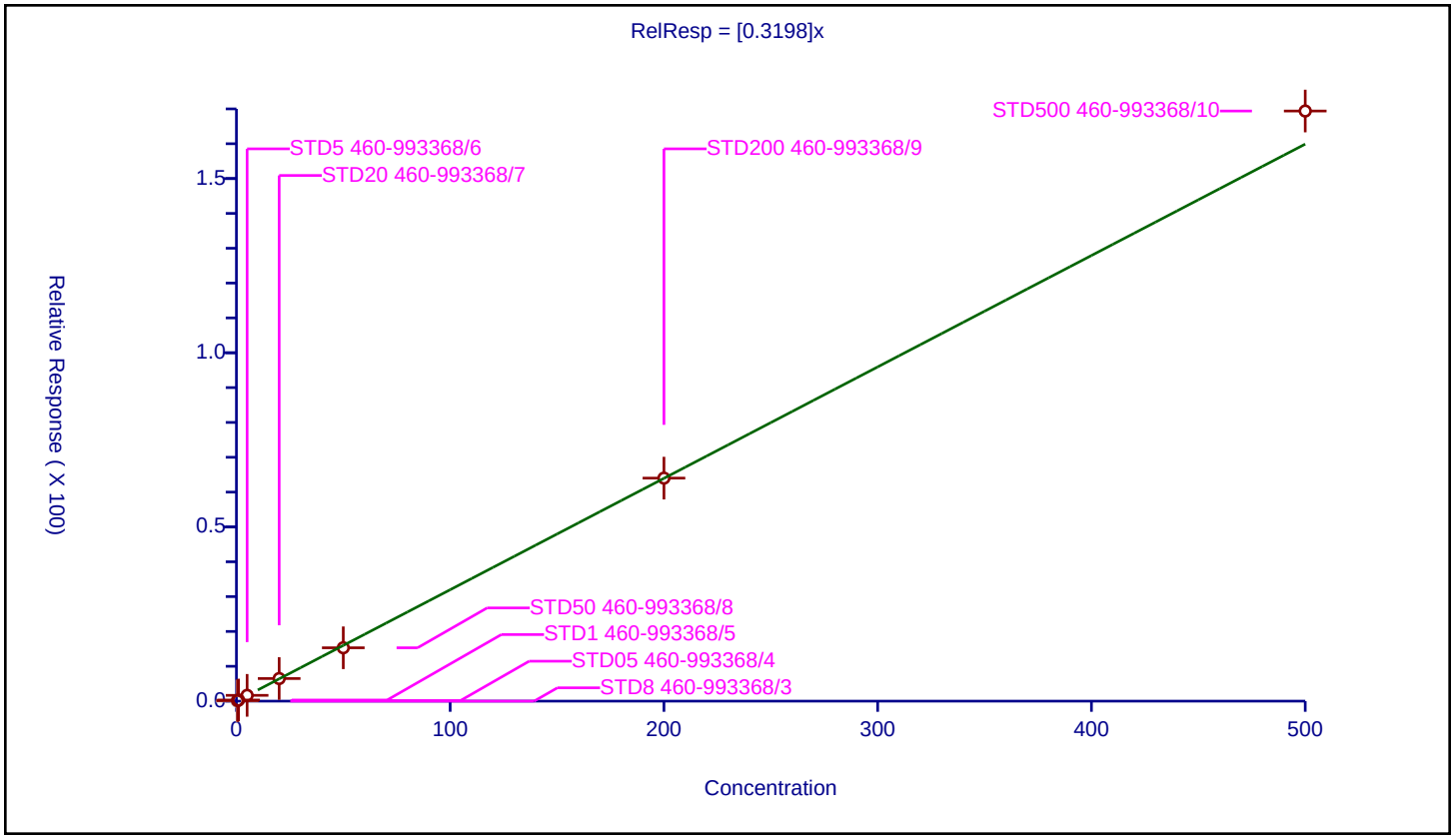
Curve Coefficients

Intercept:	0
Slope:	0.3198

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.25	0.0	50.0	794663.0	0.0	N
2	STD05 460-993368/4	0.5	0.151073	50.0	767841.0	0.302146	Y
3	STD1 460-993368/5	1.0	0.314574	50.0	736870.0	0.314574	Y
4	STD5 460-993368/6	5.0	1.661386	50.0	753377.0	0.332277	Y
5	STD20 460-993368/7	20.0	6.485649	50.0	750665.0	0.324282	Y
6	STD50 460-993368/8	50.0	15.320682	50.0	760583.0	0.306414	Y
7	STD200 460-993368/9	200.0	64.017367	50.0	788850.0	0.320087	Y
8	STD500 460-993368/10	500.0	169.385561	50.0	838521.0	0.338771	Y



Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

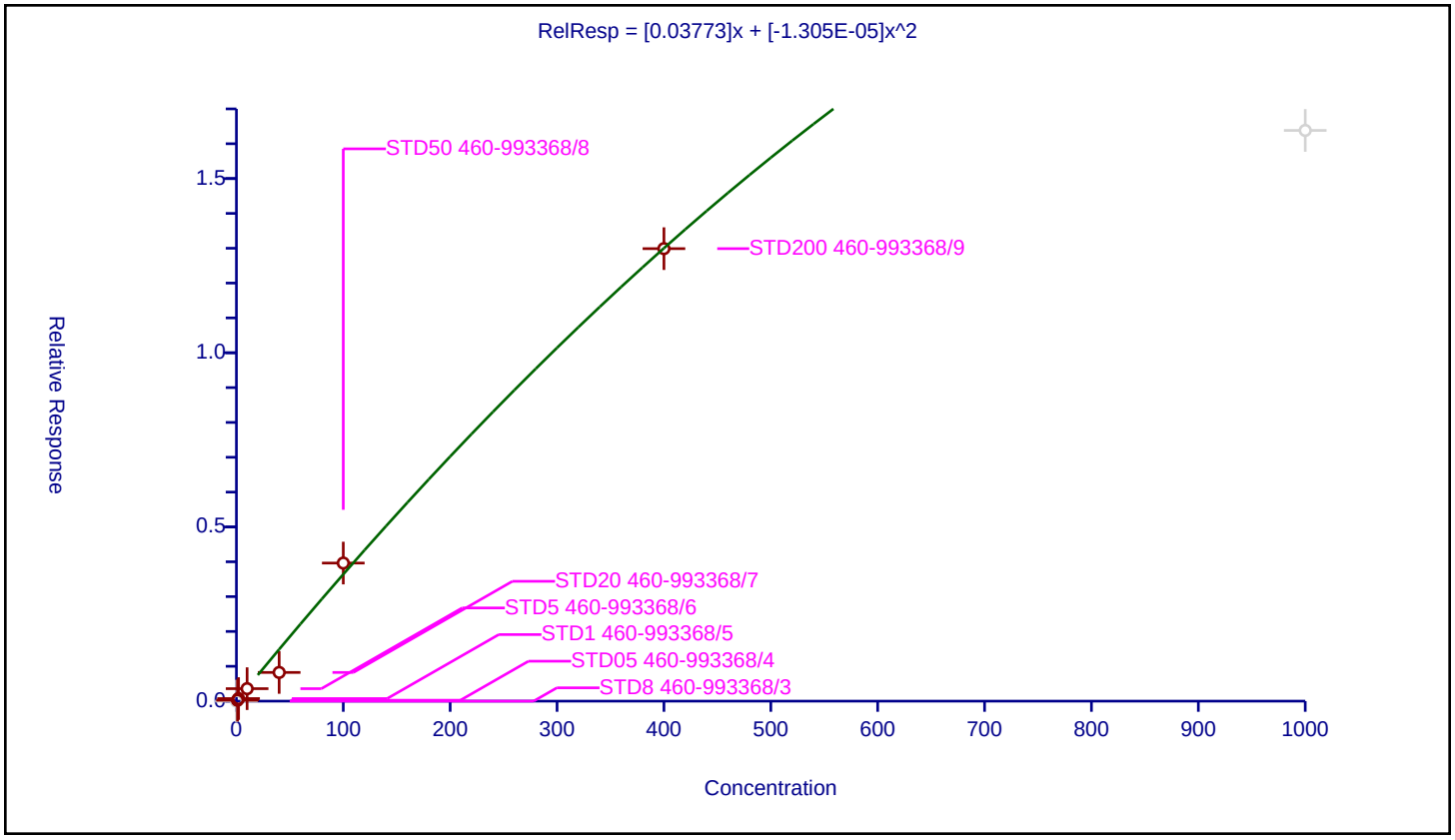
Curve Coefficients

Intercept:	0
Slope:	0.03773
Second Order:	-1.305E-05

Error Coefficients

Relative Standard Deviation:	27.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.026438	50.0	767841.0	0.026438	Y
3	STD1 460-993368/5	2.0	0.073826	50.0	736870.0	0.036913	Y
4	STD5 460-993368/6	10.0	0.358121	50.0	753377.0	0.035812	Y
5	STD20 460-993368/7	40.0	0.824003	50.0	750665.0	0.0206	Y
6	STD50 460-993368/8	100.0	3.963407	50.0	760583.0	0.039634	Y
7	STD200 460-993368/9	400.0	12.988654	50.0	788850.0	0.032472	Y
8	STD500 460-993368/10	1000.0	16.381343	50.0	838521.0	0.016381	N



Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

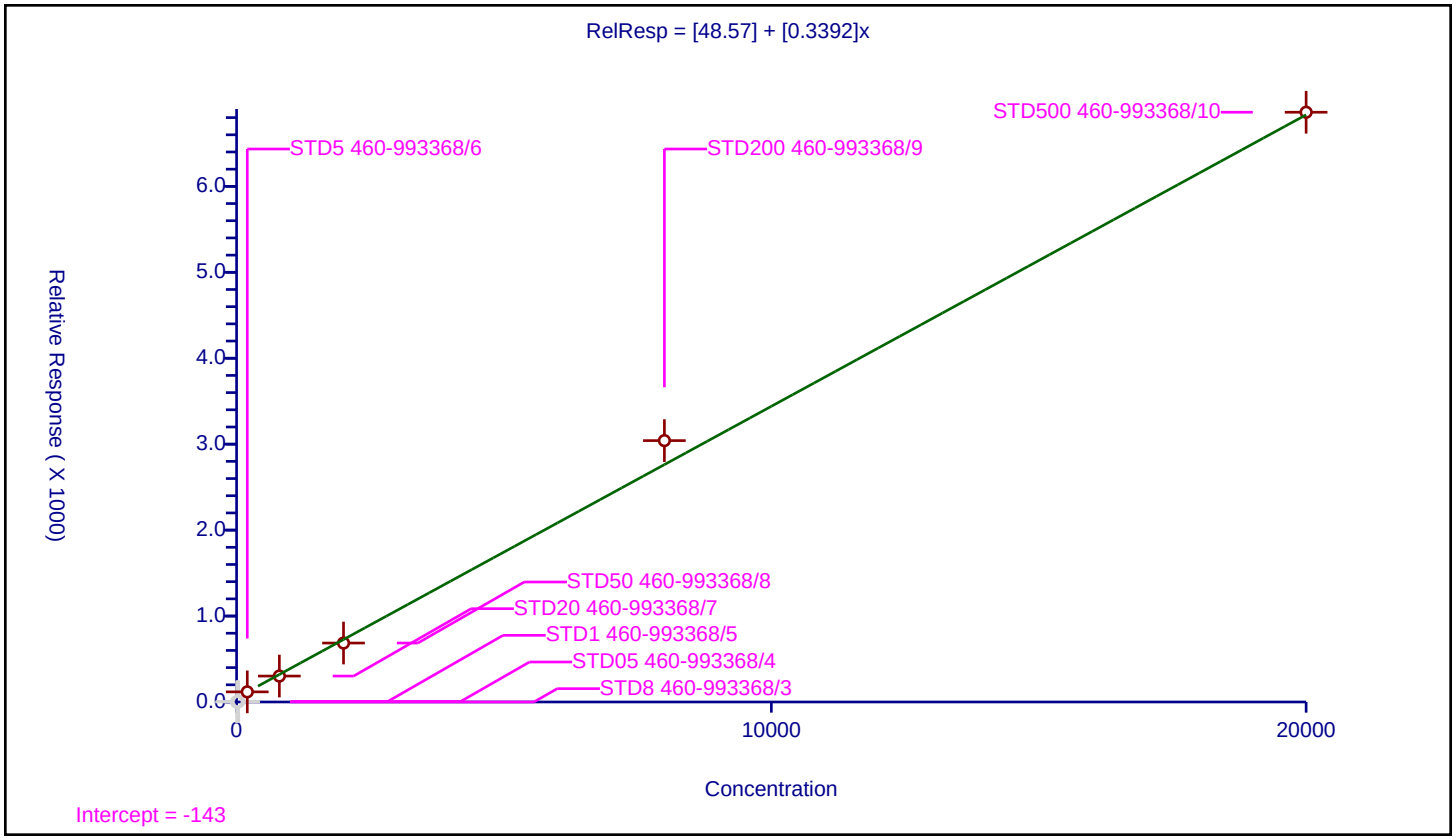
Curve Coefficients

Intercept:	48.57
Slope:	0.3392

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	20.0	6.320431	1000.0	40820.0	0.316022	N
3	STD1 460-993368/5	40.0	3.594982	1000.0	40334.0	0.089875	N
4	STD5 460-993368/6	200.0	117.779805	1000.0	41654.0	0.588899	Y
5	STD20 460-993368/7	800.0	301.683545	1000.0	46509.0	0.377104	Y
6	STD50 460-993368/8	2000.0	686.059043	1000.0	51962.0	0.34303	Y
7	STD200 460-993368/9	8000.0	3041.538549	1000.0	53011.0	0.380192	Y
8	STD500 460-993368/10	20000.0	6862.535954	1000.0	66752.0	0.343127	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

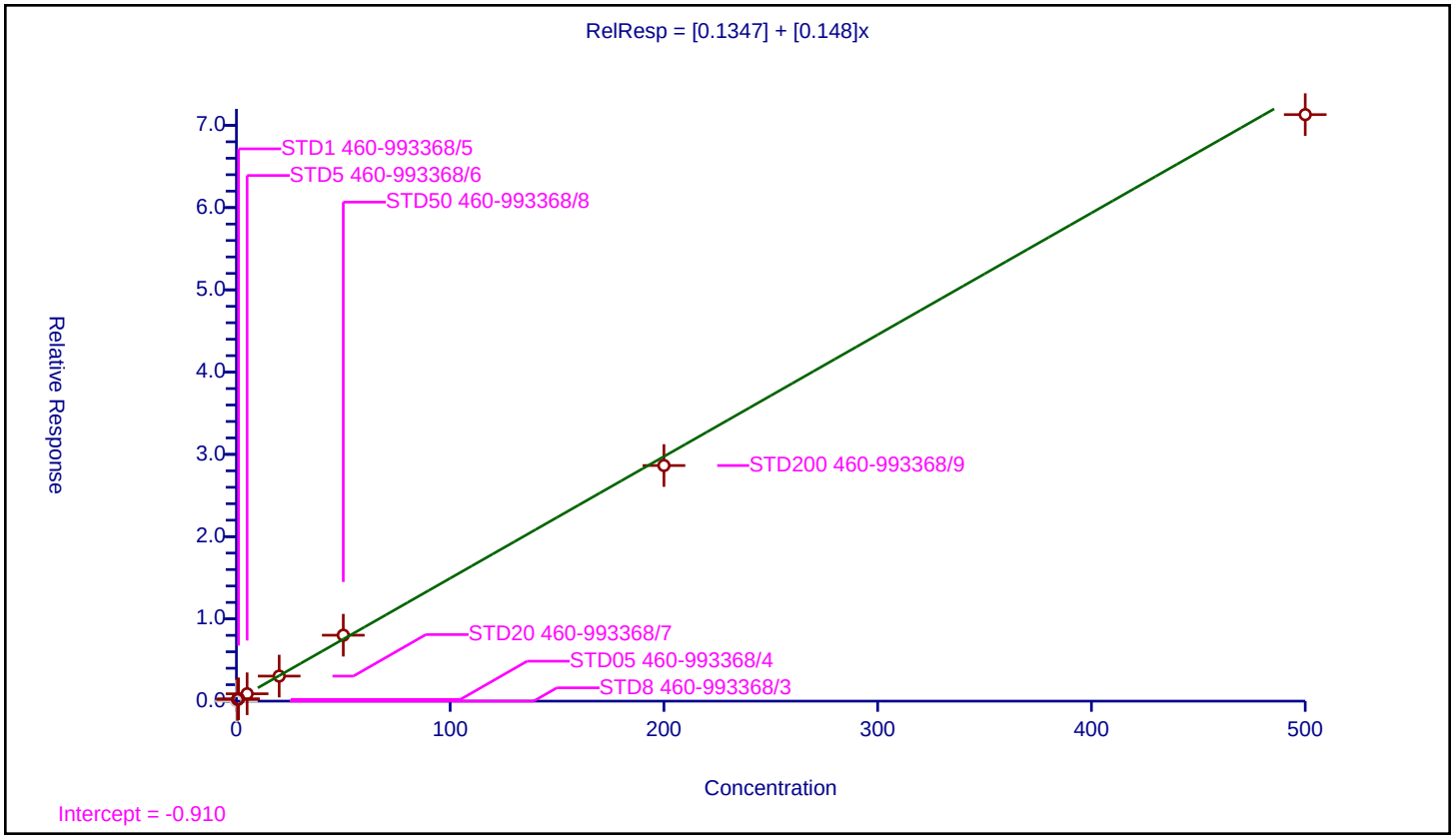
Curve Coefficients

Intercept:	0.1347
Slope:	0.148

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.208376	50.0	767841.0	0.416753	Y
3	STD1 460-993368/5	1.0	0.283361	50.0	736870.0	0.283361	Y
4	STD5 460-993368/6	5.0	0.895767	50.0	753377.0	0.179153	Y
5	STD20 460-993368/7	20.0	3.046699	50.0	750665.0	0.152335	Y
6	STD50 460-993368/8	50.0	8.013984	50.0	760583.0	0.16028	Y
7	STD200 460-993368/9	200.0	28.645243	50.0	788850.0	0.143226	Y
8	STD500 460-993368/10	500.0	71.304893	50.0	838521.0	0.14261	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

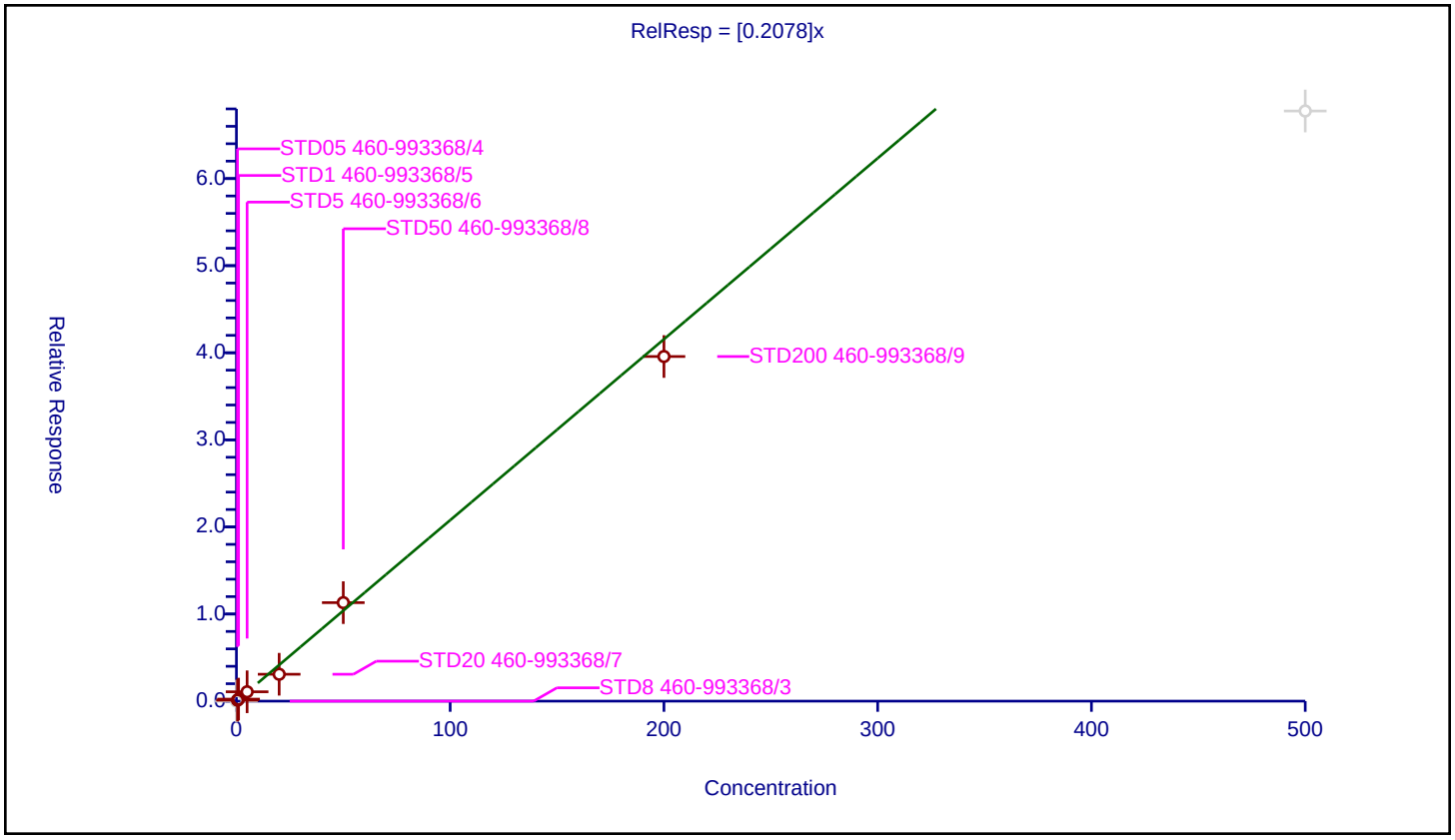
Curve Coefficients

Intercept:	0
Slope:	0.2078

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.111937	50.0	767841.0	0.223874	Y
3	STD1 460-993368/5	1.0	0.22962	50.0	736870.0	0.22962	Y
4	STD5 460-993368/6	5.0	1.073765	50.0	753377.0	0.214753	Y
5	STD20 460-993368/7	20.0	3.087795	50.0	750665.0	0.15439	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	39.568803	50.0	788850.0	0.197844	Y
8	STD500 460-993368/10	500.0	67.758231	50.0	838521.0	0.135516	N



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

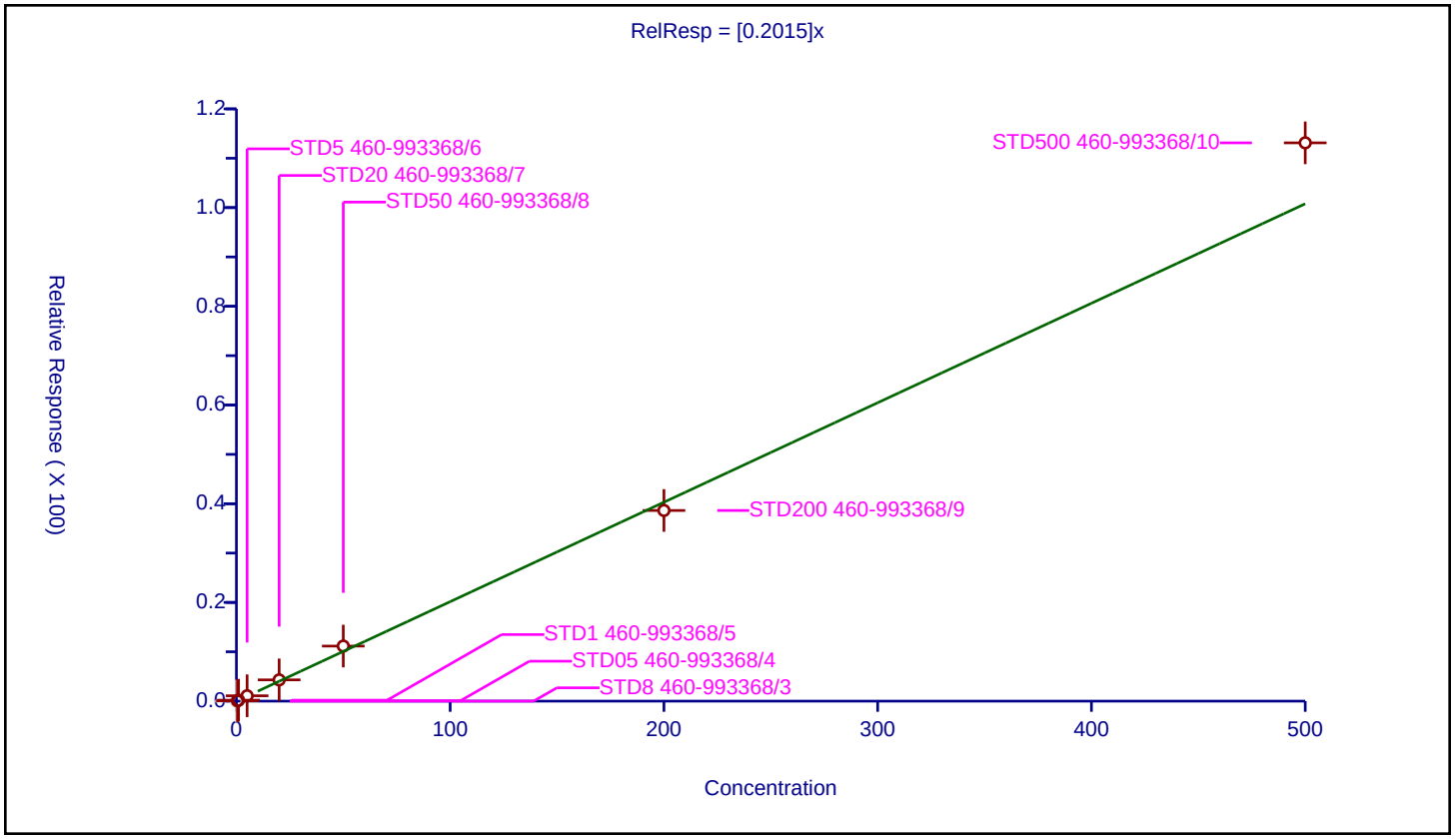
Curve Coefficients

Intercept:	0
Slope:	0.2015

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.072997	50.0	767841.0	0.145994	Y
3	STD1 460-993368/5	1.0	0.189586	50.0	736870.0	0.189586	Y
4	STD5 460-993368/6	5.0	1.08611	50.0	753377.0	0.217222	Y
5	STD20 460-993368/7	20.0	4.308846	50.0	750665.0	0.215442	Y
6	STD50 460-993368/8	50.0	11.156639	50.0	760583.0	0.223133	Y
7	STD200 460-993368/9	200.0	38.631742	50.0	788850.0	0.193159	Y
8	STD500 460-993368/10	500.0	113.118634	50.0	838521.0	0.226237	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

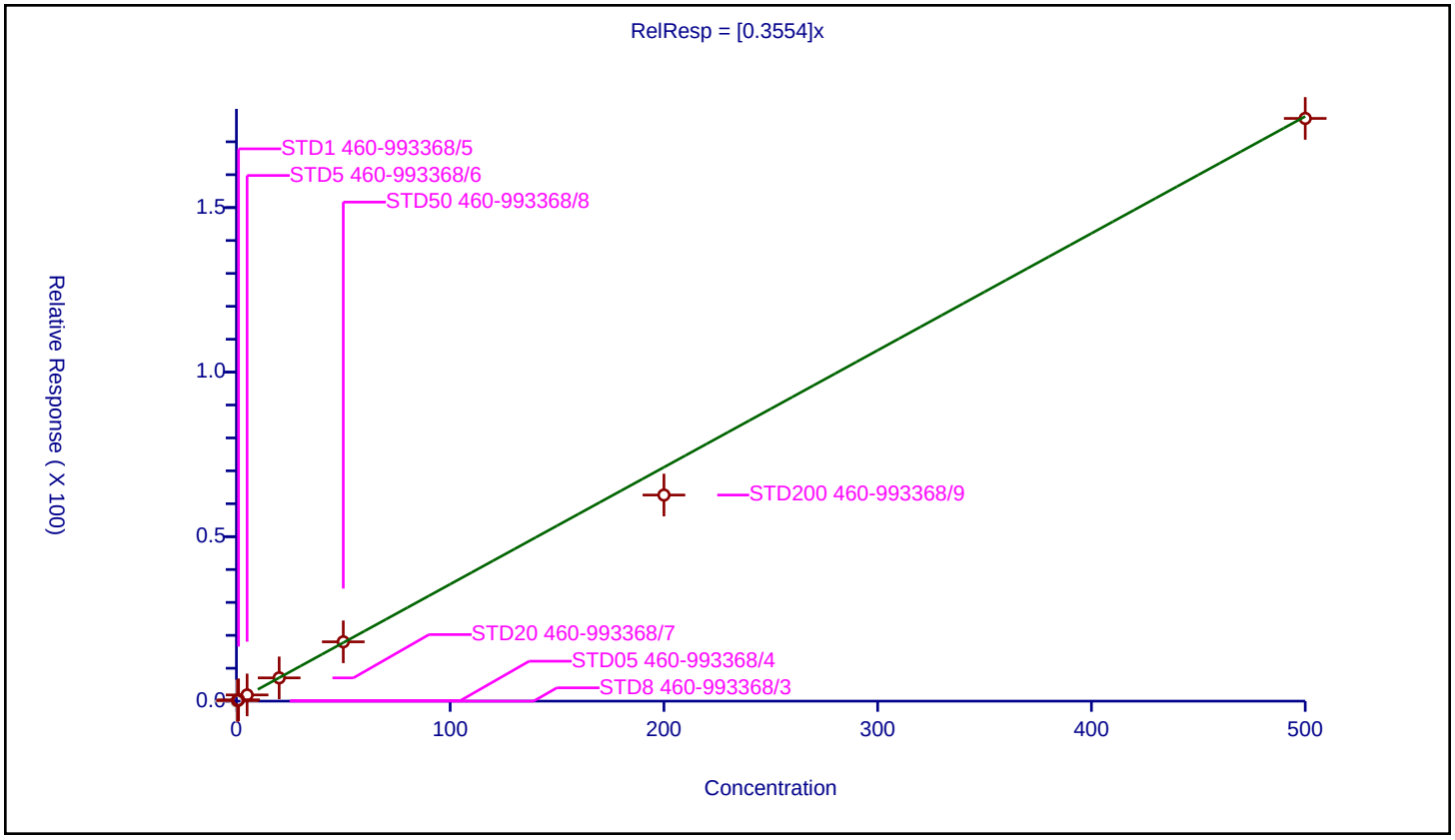
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.163445	50.0	767841.0	0.326891	Y
3	STD1 460-993368/5	1.0	0.400681	50.0	736870.0	0.400681	Y
4	STD5 460-993368/6	5.0	1.893541	50.0	753377.0	0.378708	Y
5	STD20 460-993368/7	20.0	7.072995	50.0	750665.0	0.35365	Y
6	STD50 460-993368/8	50.0	18.029853	50.0	760583.0	0.360597	Y
7	STD200 460-993368/9	200.0	62.64163	50.0	788850.0	0.313208	Y
8	STD500 460-993368/10	500.0	177.099441	50.0	838521.0	0.354199	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

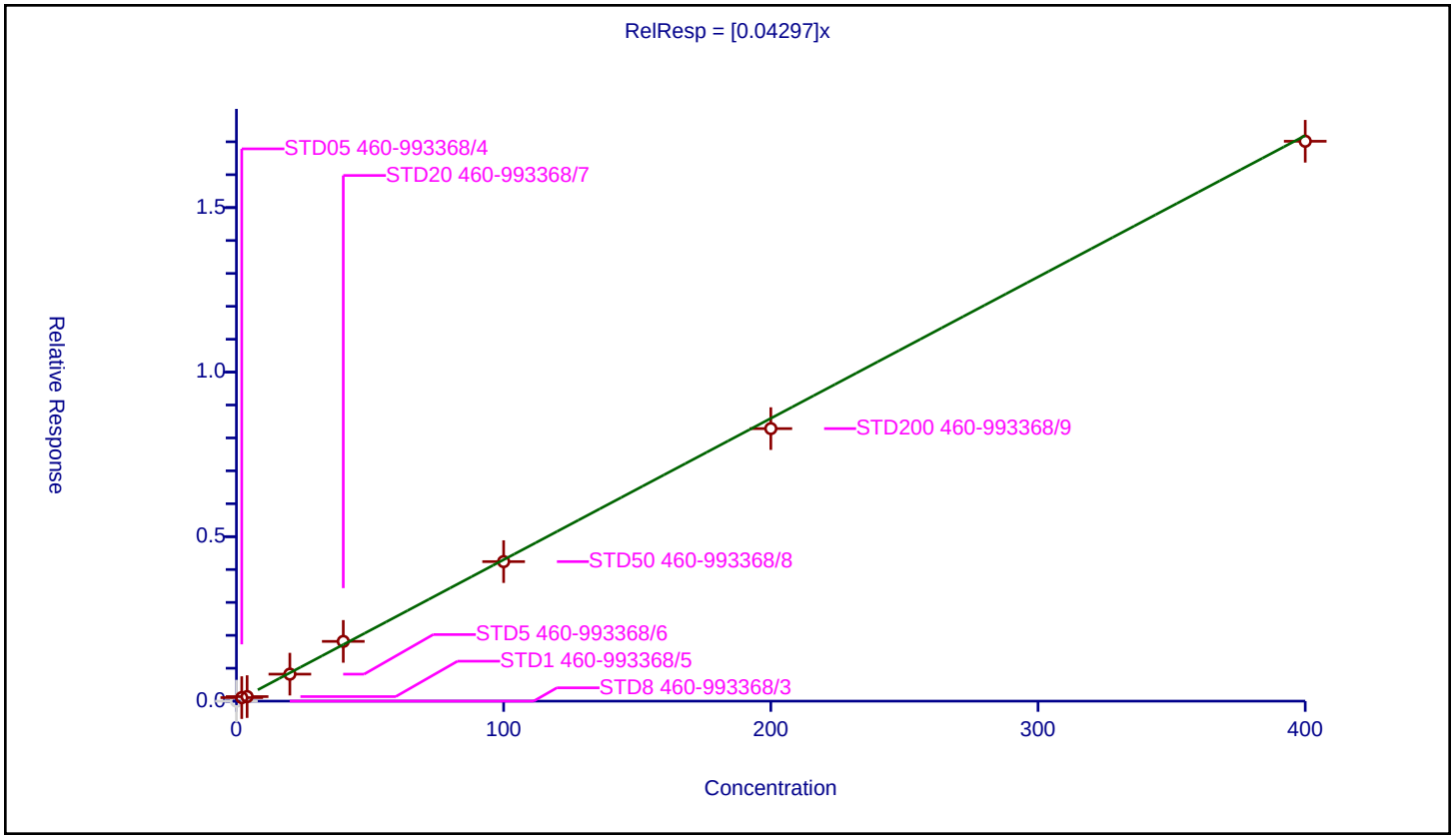
Curve Coefficients

Intercept:	0
Slope:	0.04297

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	2.0	0.107119	50.0	767841.0	0.053559	Y
3	STD1 460-993368/5	4.0	0.13788	50.0	736870.0	0.03447	Y
4	STD5 460-993368/6	20.0	0.820572	50.0	753377.0	0.041029	Y
5	STD20 460-993368/7	40.0	1.815923	50.0	750665.0	0.045398	Y
6	STD50 460-993368/8	100.0	4.2403	50.0	760583.0	0.042403	Y
7	STD200 460-993368/9	200.0	8.283387	50.0	788850.0	0.041417	Y
8	STD500 460-993368/10	400.0	17.016807	50.0	838521.0	0.042542	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

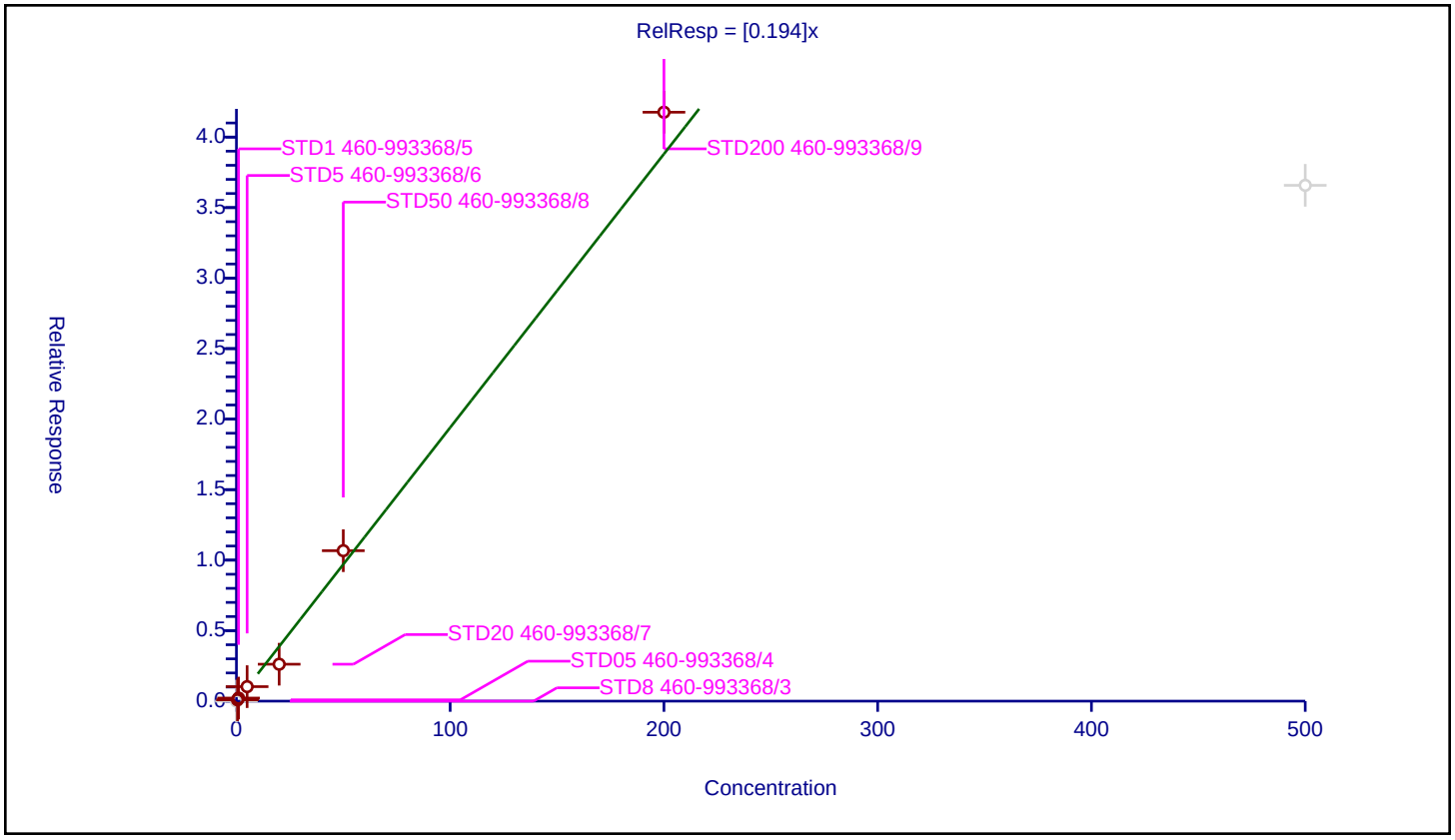
Curve Coefficients

Intercept:	0
Slope:	0.194

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.093769	50.0	767841.0	0.187539	Y
3	STD1 460-993368/5	1.0	0.217813	50.0	736870.0	0.217813	Y
4	STD5 460-993368/6	5.0	1.028104	50.0	753377.0	0.205621	Y
5	STD20 460-993368/7	20.0	2.619144	50.0	750665.0	0.130957	Y
6	STD50 460-993368/8	50.0	10.668001	50.0	760583.0	0.21336	Y
7	STD200 460-993368/9	200.0	41.76396	50.0	788850.0	0.20882	Y
8	STD500 460-993368/10	500.0	36.57875	50.0	838521.0	0.073157	N



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

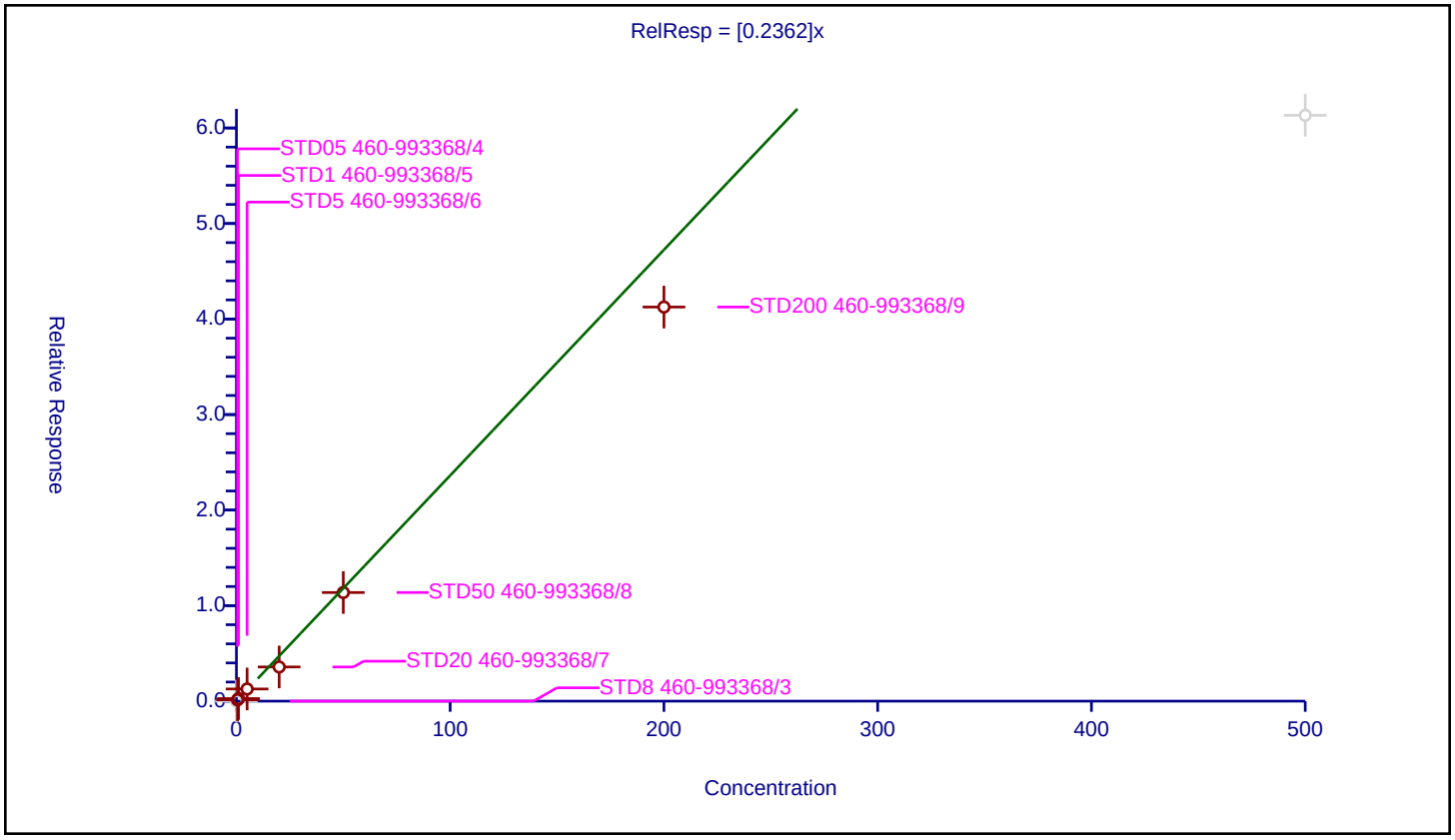
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.140524	50.0	767841.0	0.281048	Y
3	STD1 460-993368/5	1.0	0.269518	50.0	736870.0	0.269518	Y
4	STD5 460-993368/6	5.0	1.271541	50.0	753377.0	0.254308	Y
5	STD20 460-993368/7	20.0	3.577295	50.0	750665.0	0.178865	Y
6	STD50 460-993368/8	50.0	11.371343	50.0	760583.0	0.227427	Y
7	STD200 460-993368/9	200.0	41.255879	50.0	788850.0	0.206279	Y
8	STD500 460-993368/10	500.0	61.328279	50.0	838521.0	0.122657	N



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

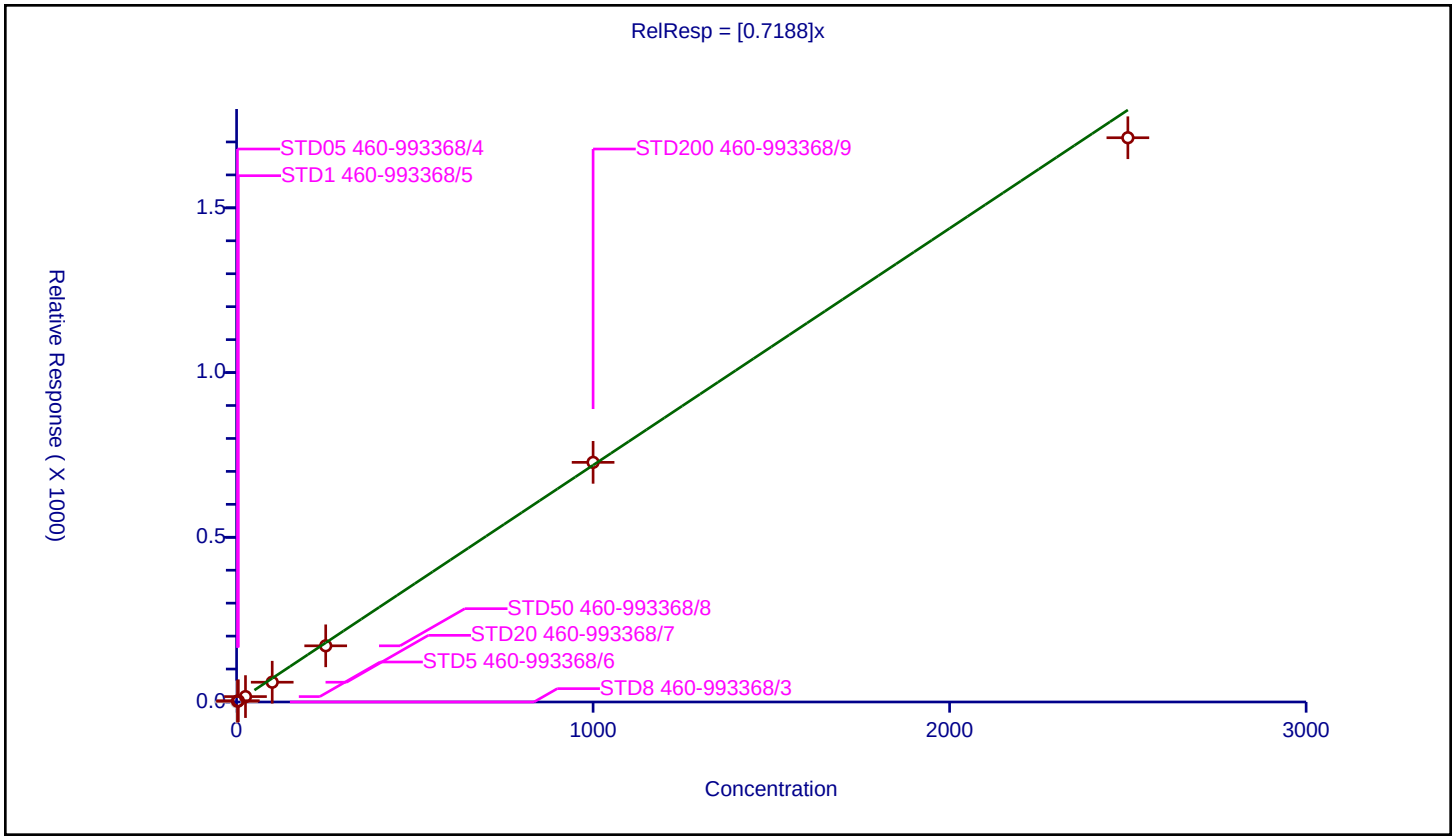
Curve Coefficients

Intercept:	0
Slope:	0.7188

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.382391	250.0	395506.0	0.952956	Y
3	STD1 460-993368/5	5.0	3.647848	250.0	398180.0	0.72957	Y
4	STD5 460-993368/6	25.0	16.353561	250.0	406838.0	0.654142	Y
5	STD20 460-993368/7	100.0	60.053248	250.0	409216.0	0.600532	Y
6	STD50 460-993368/8	250.0	170.505206	250.0	425965.0	0.682021	Y
7	STD200 460-993368/9	1000.0	727.463209	250.0	444806.0	0.727463	Y
8	STD500 460-993368/10	2500.0	1712.817426	250.0	496691.0	0.685127	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

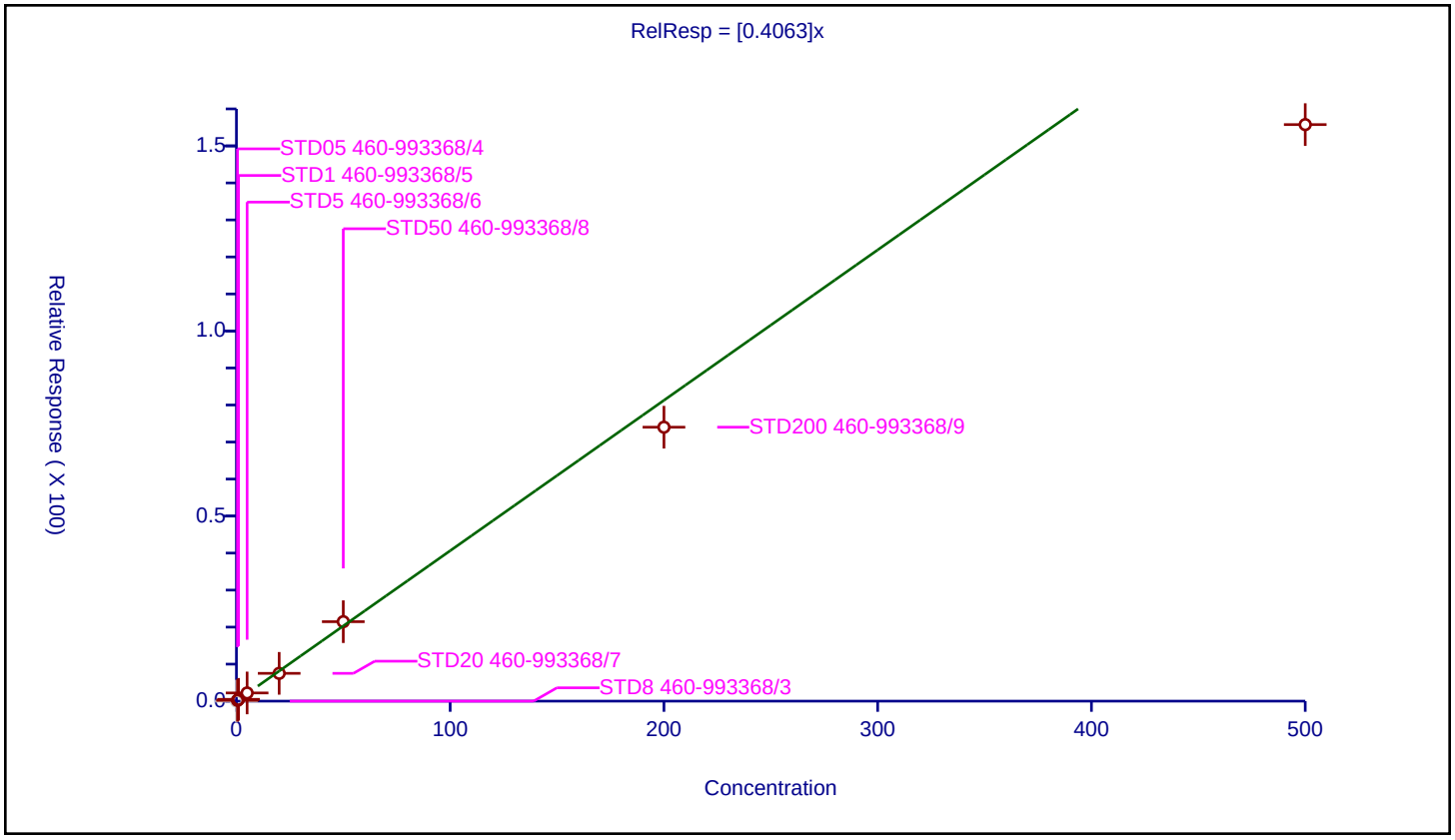
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.214563	50.0	767841.0	0.429125	Y
3	STD1 460-993368/5	1.0	0.486992	50.0	736870.0	0.486992	Y
4	STD5 460-993368/6	5.0	2.210845	50.0	753377.0	0.442169	Y
5	STD20 460-993368/7	20.0	7.505478	50.0	750665.0	0.375274	Y
6	STD50 460-993368/8	50.0	21.464193	50.0	760583.0	0.429284	Y
7	STD200 460-993368/9	200.0	74.007669	50.0	788850.0	0.370038	Y
8	STD500 460-993368/10	500.0	155.753583	50.0	838521.0	0.311507	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

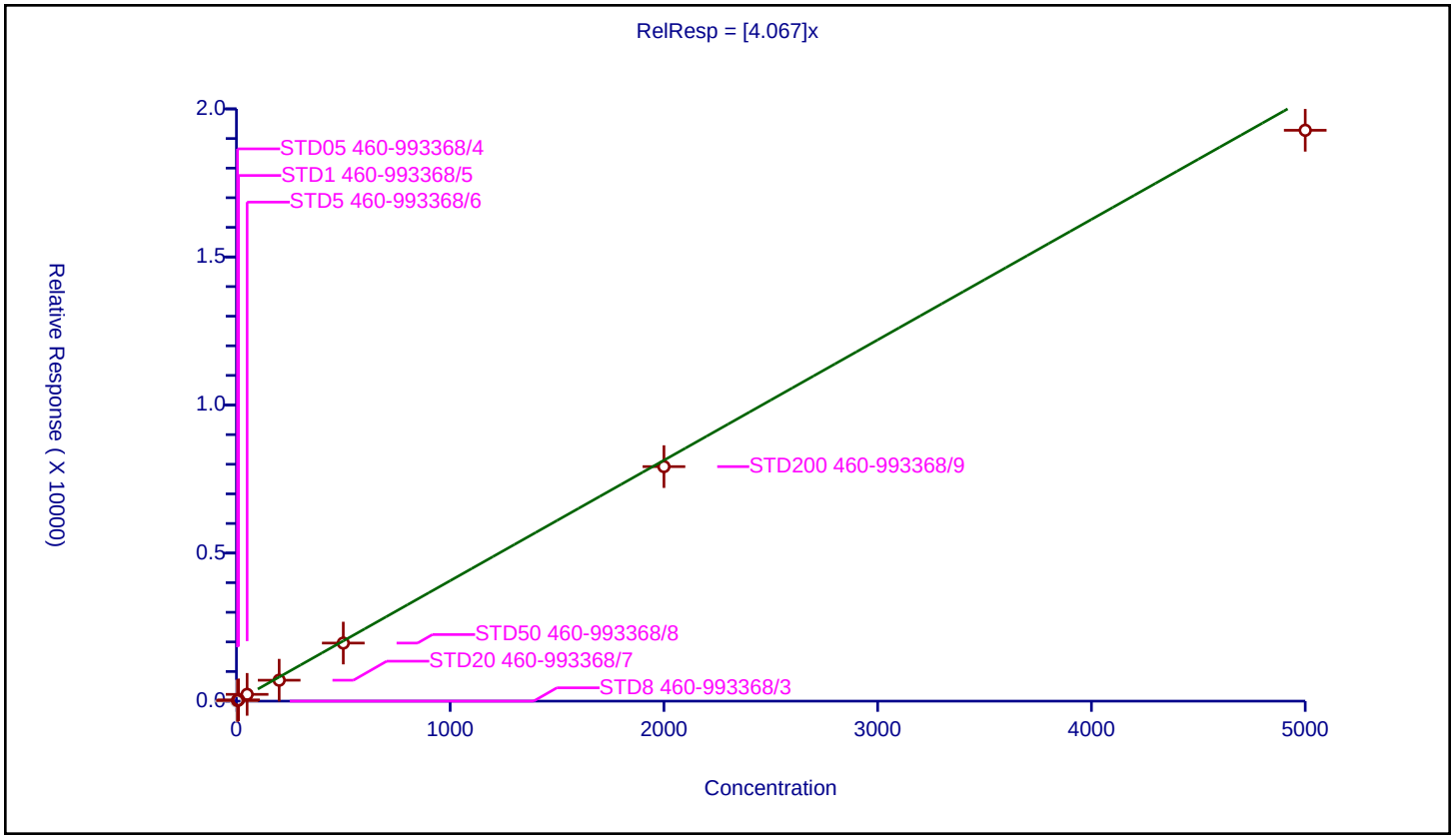
Curve Coefficients

Intercept:	0
Slope:	4.067

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	21.55806	1000.0	40820.0	4.311612	Y
3	STD1 460-993368/5	10.0	43.065404	1000.0	40334.0	4.30654	Y
4	STD5 460-993368/6	50.0	228.957603	1000.0	41654.0	4.579152	Y
5	STD20 460-993368/7	200.0	706.658926	1000.0	46509.0	3.533295	Y
6	STD50 460-993368/8	500.0	1960.85601	1000.0	51962.0	3.921712	Y
7	STD200 460-993368/9	2000.0	7919.903416	1000.0	53011.0	3.959952	Y
8	STD500 460-993368/10	5000.0	19277.80441	1000.0	66752.0	3.855561	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

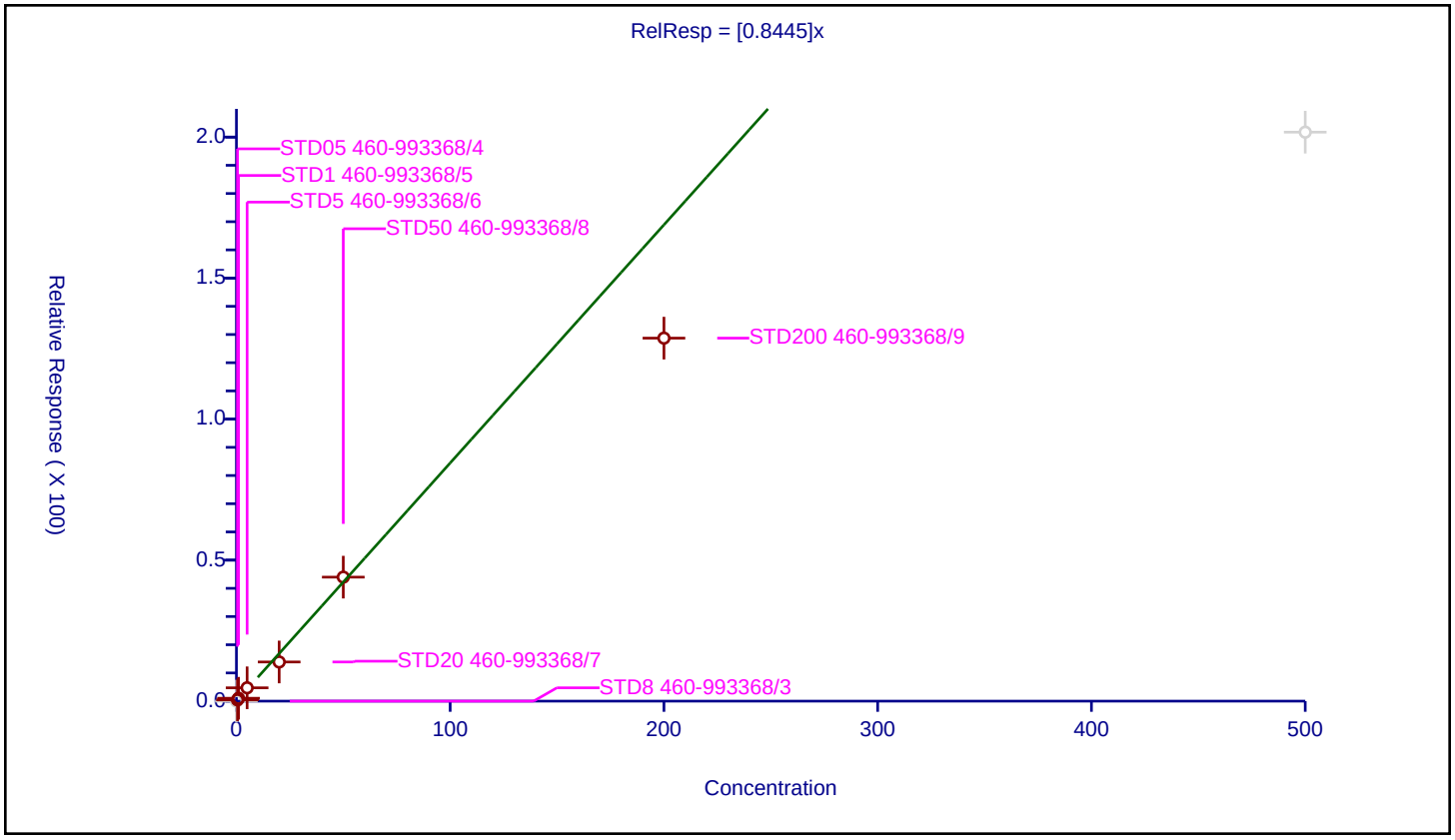
Curve Coefficients

Intercept:	0
Slope:	0.8445

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.441693	50.0	767841.0	0.883386	Y
3	STD1 460-993368/5	1.0	1.020872	50.0	736870.0	1.020872	Y
4	STD5 460-993368/6	5.0	4.726452	50.0	753377.0	0.94529	Y
5	STD20 460-993368/7	20.0	13.89075	50.0	750665.0	0.694538	Y
6	STD50 460-993368/8	50.0	43.963644	50.0	760583.0	0.879273	Y
7	STD200 460-993368/9	200.0	128.714331	50.0	788850.0	0.643572	Y
8	STD500 460-993368/10	500.0	201.750523	50.0	838521.0	0.403501	N



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

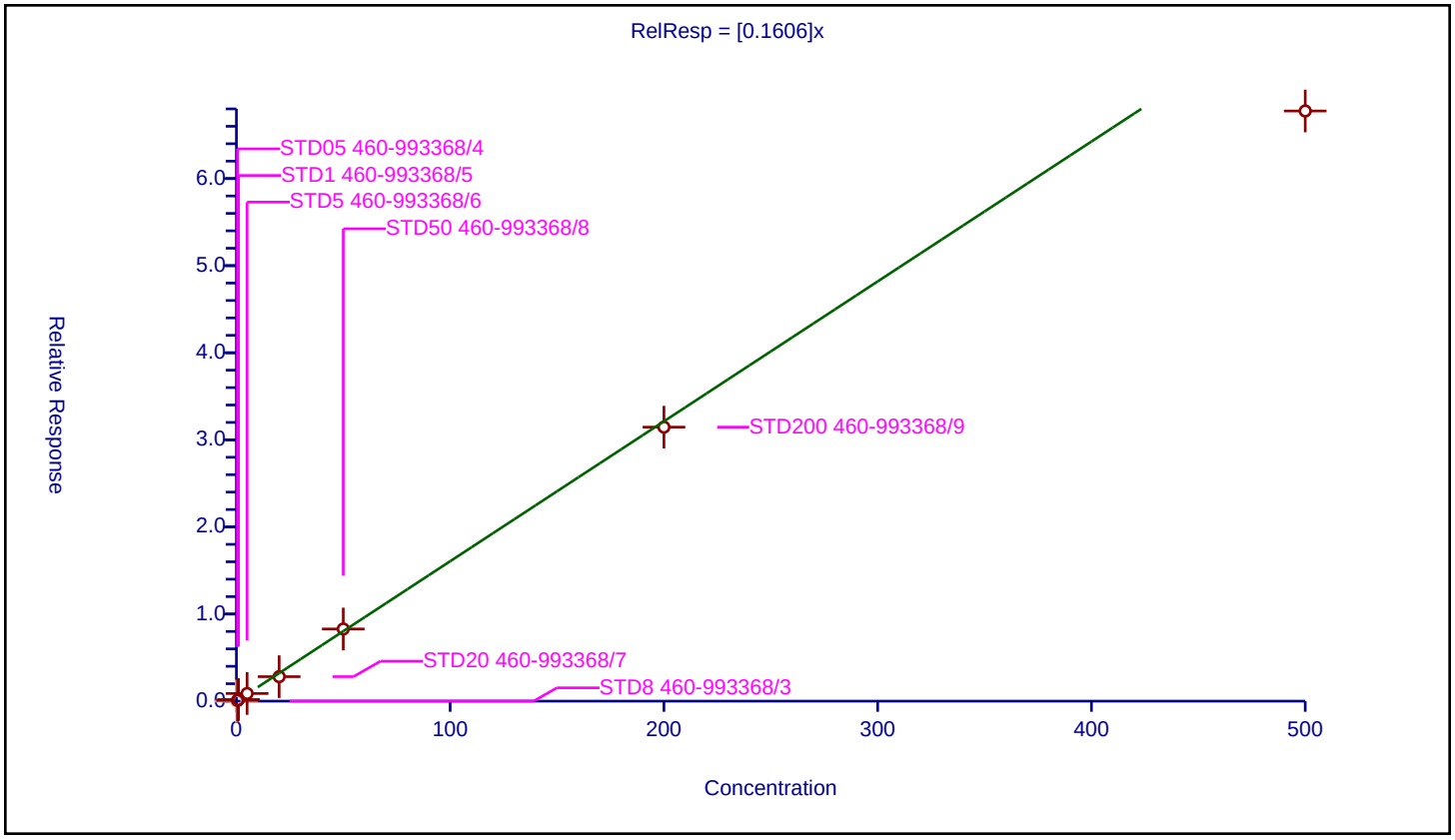
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.084523	50.0	767841.0	0.169045	Y
3	STD1 460-993368/5	1.0	0.180968	50.0	736870.0	0.180968	Y
4	STD5 460-993368/6	5.0	0.876454	50.0	753377.0	0.175291	Y
5	STD20 460-993368/7	20.0	2.811507	50.0	750665.0	0.140575	Y
6	STD50 460-993368/8	50.0	8.285815	50.0	760583.0	0.165716	Y
7	STD200 460-993368/9	200.0	31.458008	50.0	788850.0	0.15729	Y
8	STD500 460-993368/10	500.0	67.759543	50.0	838521.0	0.135519	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

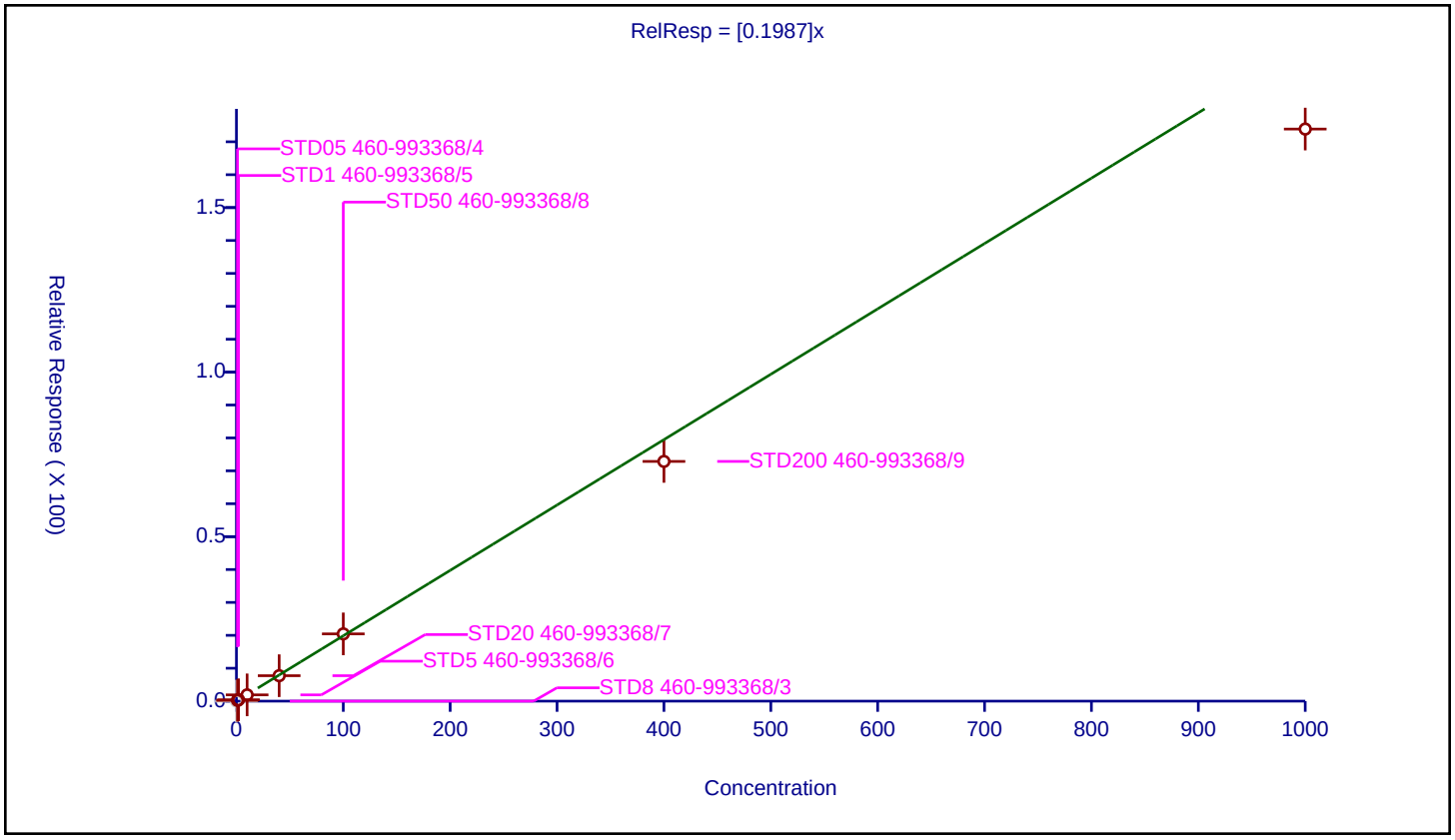
Curve Coefficients

Intercept:	0
Slope:	0.1987

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.24074	50.0	767841.0	0.24074	Y
3	STD1 460-993368/5	2.0	0.410927	50.0	736870.0	0.205464	Y
4	STD5 460-993368/6	10.0	1.909137	50.0	753377.0	0.190914	Y
5	STD20 460-993368/7	40.0	7.730546	50.0	750665.0	0.193264	Y
6	STD50 460-993368/8	100.0	20.444251	50.0	760583.0	0.204443	Y
7	STD200 460-993368/9	400.0	72.855296	50.0	788850.0	0.182138	Y
8	STD500 460-993368/10	1000.0	173.873701	50.0	838521.0	0.173874	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

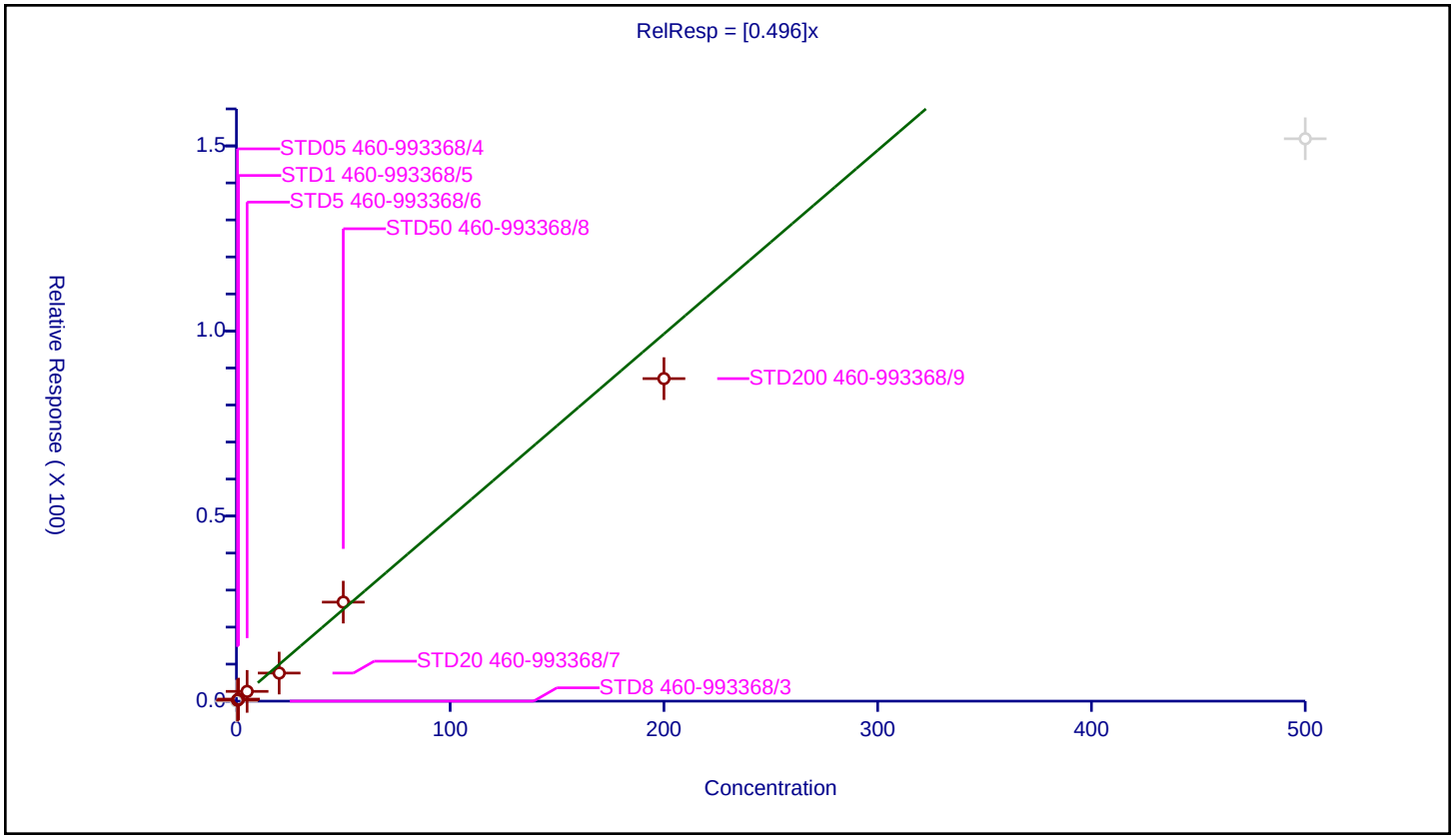
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.273169	50.0	767841.0	0.546337	Y
3	STD1 460-993368/5	1.0	0.553015	50.0	736870.0	0.553015	Y
4	STD5 460-993368/6	5.0	2.634073	50.0	753377.0	0.526815	Y
5	STD20 460-993368/7	20.0	7.588605	50.0	750665.0	0.37943	Y
6	STD50 460-993368/8	50.0	26.749152	50.0	760583.0	0.534983	Y
7	STD200 460-993368/9	200.0	87.129873	50.0	788850.0	0.435649	Y
8	STD500 460-993368/10	500.0	151.933583	50.0	838521.0	0.303867	N



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

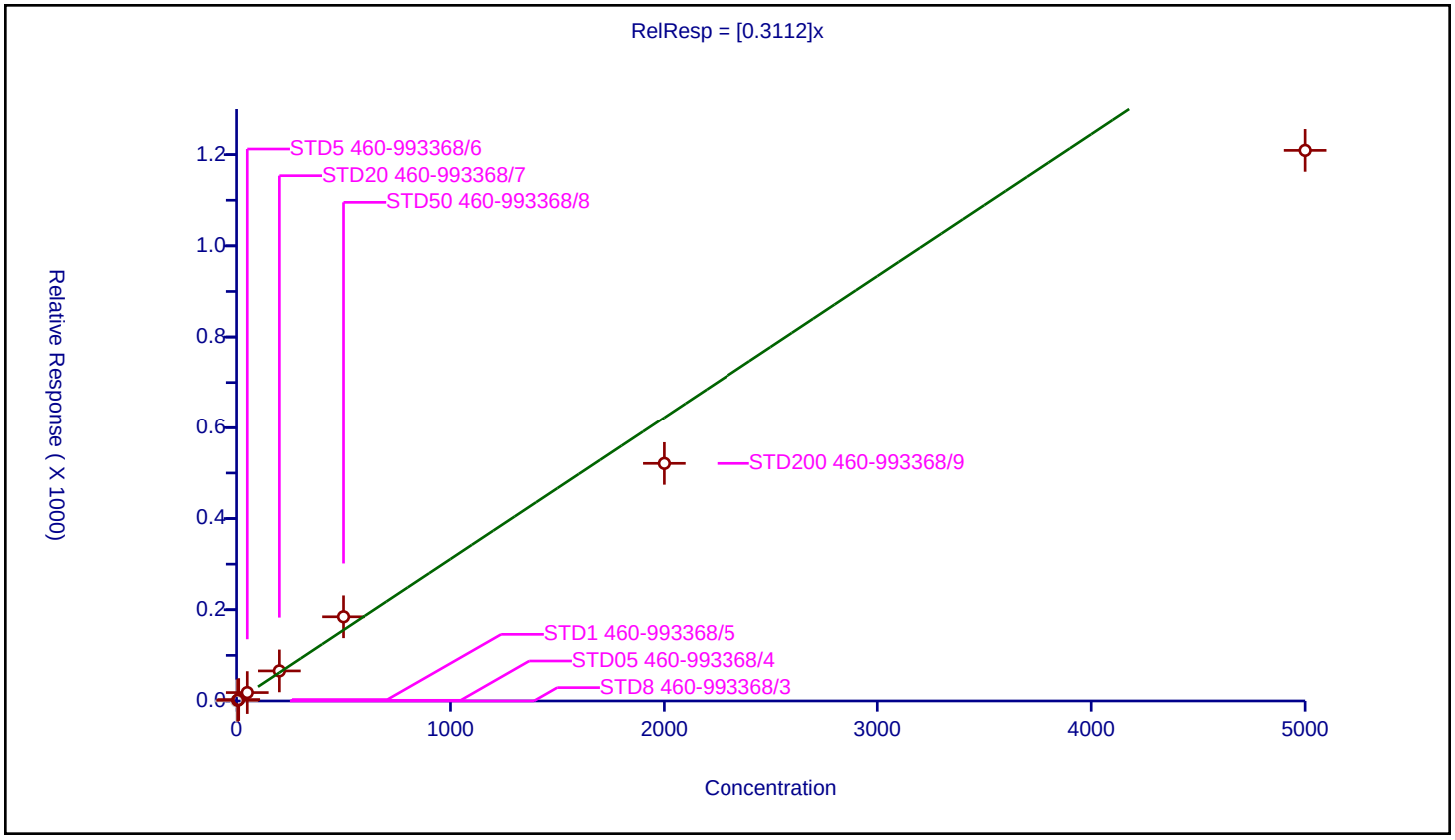
Curve Coefficients

Intercept:	0
Slope:	0.3112

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	5.0	1.490496	250.0	395506.0	0.298099	Y
3	STD1 460-993368/5	10.0	3.101612	250.0	398180.0	0.310161	Y
4	STD5 460-993368/6	50.0	18.439772	250.0	406838.0	0.368795	Y
5	STD20 460-993368/7	200.0	65.93706	250.0	409216.0	0.329685	Y
6	STD50 460-993368/8	500.0	184.601434	250.0	425965.0	0.369203	Y
7	STD200 460-993368/9	2000.0	521.084473	250.0	444806.0	0.260542	Y
8	STD500 460-993368/10	5000.0	1209.300652	250.0	496691.0	0.24186	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

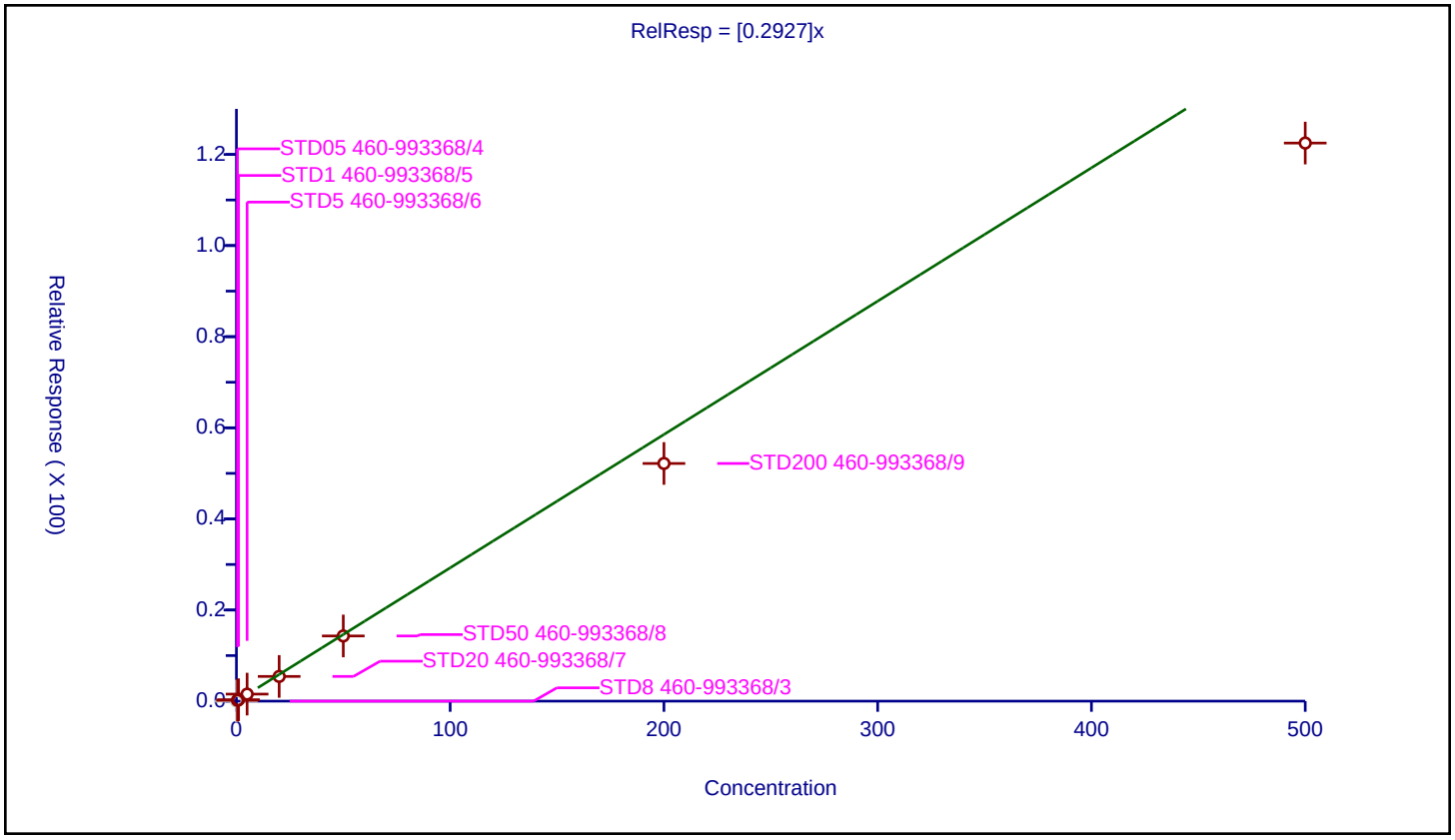
Curve Coefficients

Intercept:	0
Slope:	0.2927

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.185129	50.0	767841.0	0.370259	Y
3	STD1 460-993368/5	1.0	0.30616	50.0	736870.0	0.30616	Y
4	STD5 460-993368/6	5.0	1.54564	50.0	753377.0	0.309128	Y
5	STD20 460-993368/7	20.0	5.421593	50.0	750665.0	0.27108	Y
6	STD50 460-993368/8	50.0	14.306591	50.0	760583.0	0.286132	Y
7	STD200 460-993368/9	200.0	52.166952	50.0	788850.0	0.260835	Y
8	STD500 460-993368/10	500.0	122.499854	50.0	838521.0	0.245	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

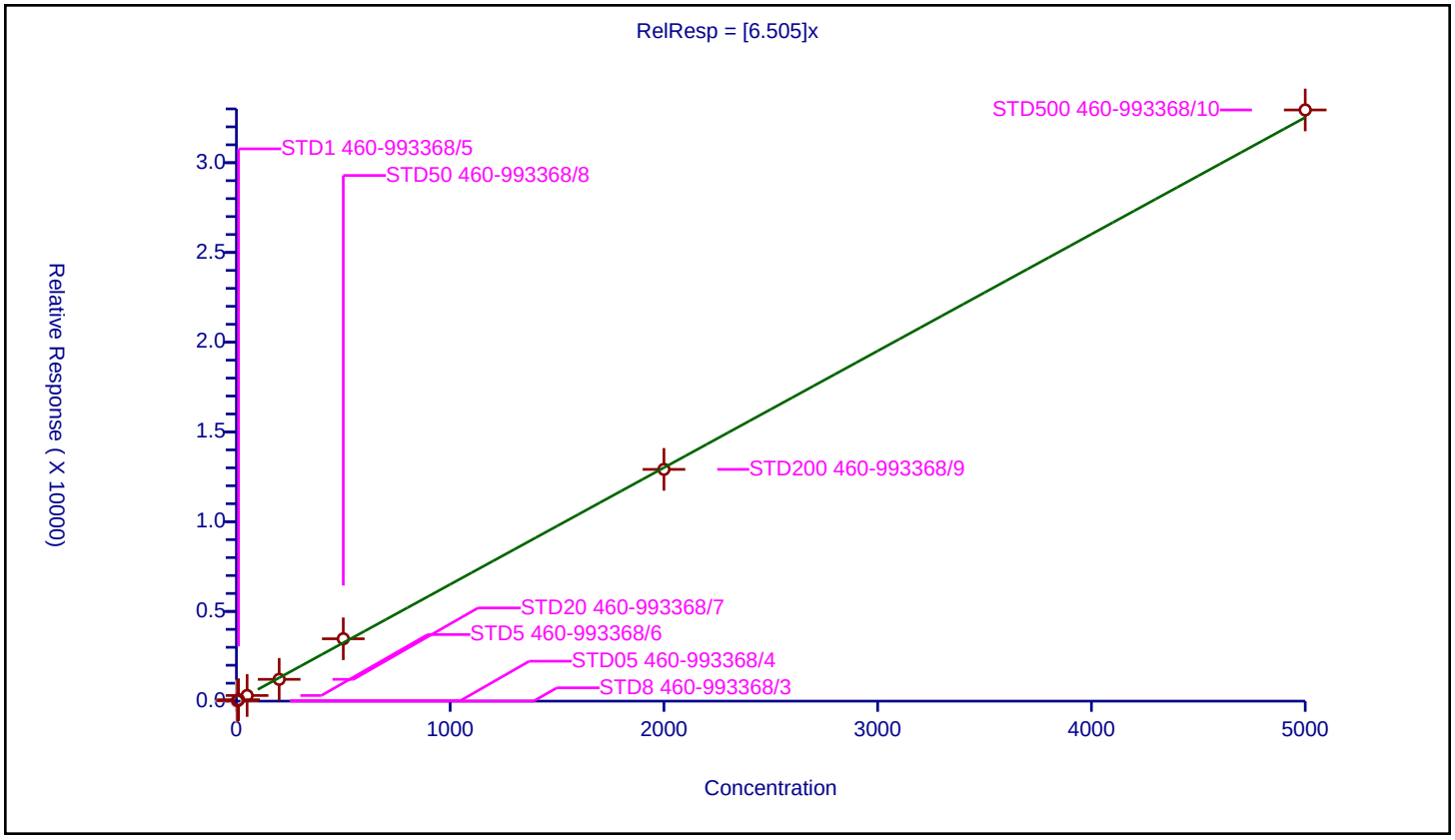
Curve Coefficients

Intercept:	0
Slope:	6.505

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	26.531112	1000.0	40820.0	5.306222	Y
3	STD1 460-993368/5	10.0	78.816879	1000.0	40334.0	7.881688	Y
4	STD5 460-993368/6	50.0	313.919432	1000.0	41654.0	6.278389	Y
5	STD20 460-993368/7	200.0	1214.646628	1000.0	46509.0	6.073233	Y
6	STD50 460-993368/8	500.0	3474.211924	1000.0	51962.0	6.948424	Y
7	STD200 460-993368/9	2000.0	12913.036917	1000.0	53011.0	6.456518	Y
8	STD500 460-993368/10	5000.0	32941.350072	1000.0	66752.0	6.58827	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

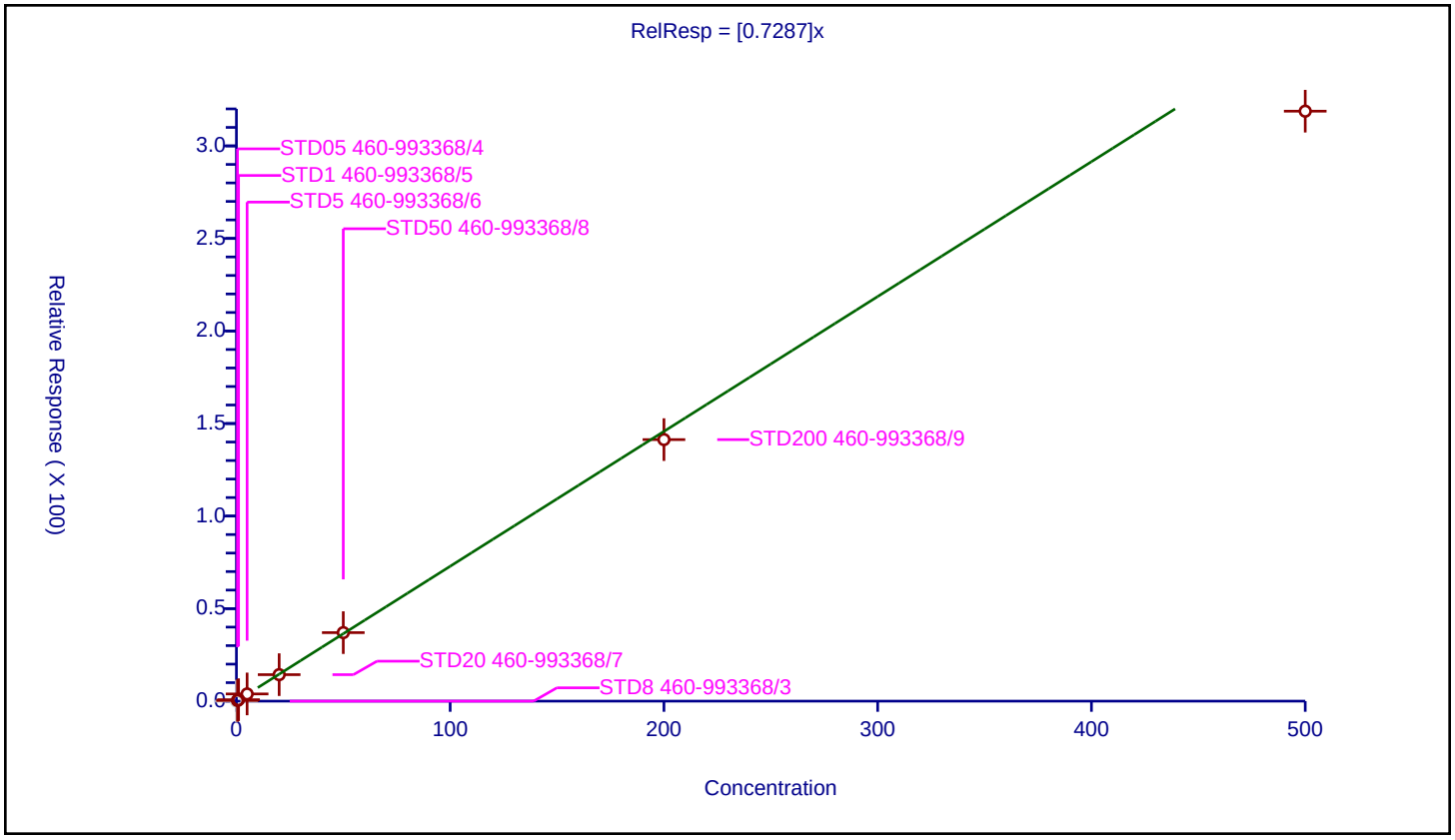
Curve Coefficients

Intercept:	0
Slope:	0.7287

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.373645	50.0	767841.0	0.74729	Y
3	STD1 460-993368/5	1.0	0.773881	50.0	736870.0	0.773881	Y
4	STD5 460-993368/6	5.0	3.897916	50.0	753377.0	0.779583	Y
5	STD20 460-993368/7	20.0	14.312243	50.0	750665.0	0.715612	Y
6	STD50 460-993368/8	50.0	37.022587	50.0	760583.0	0.740452	Y
7	STD200 460-993368/9	200.0	141.316917	50.0	788850.0	0.706585	Y
8	STD500 460-993368/10	500.0	318.759578	50.0	838521.0	0.637519	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

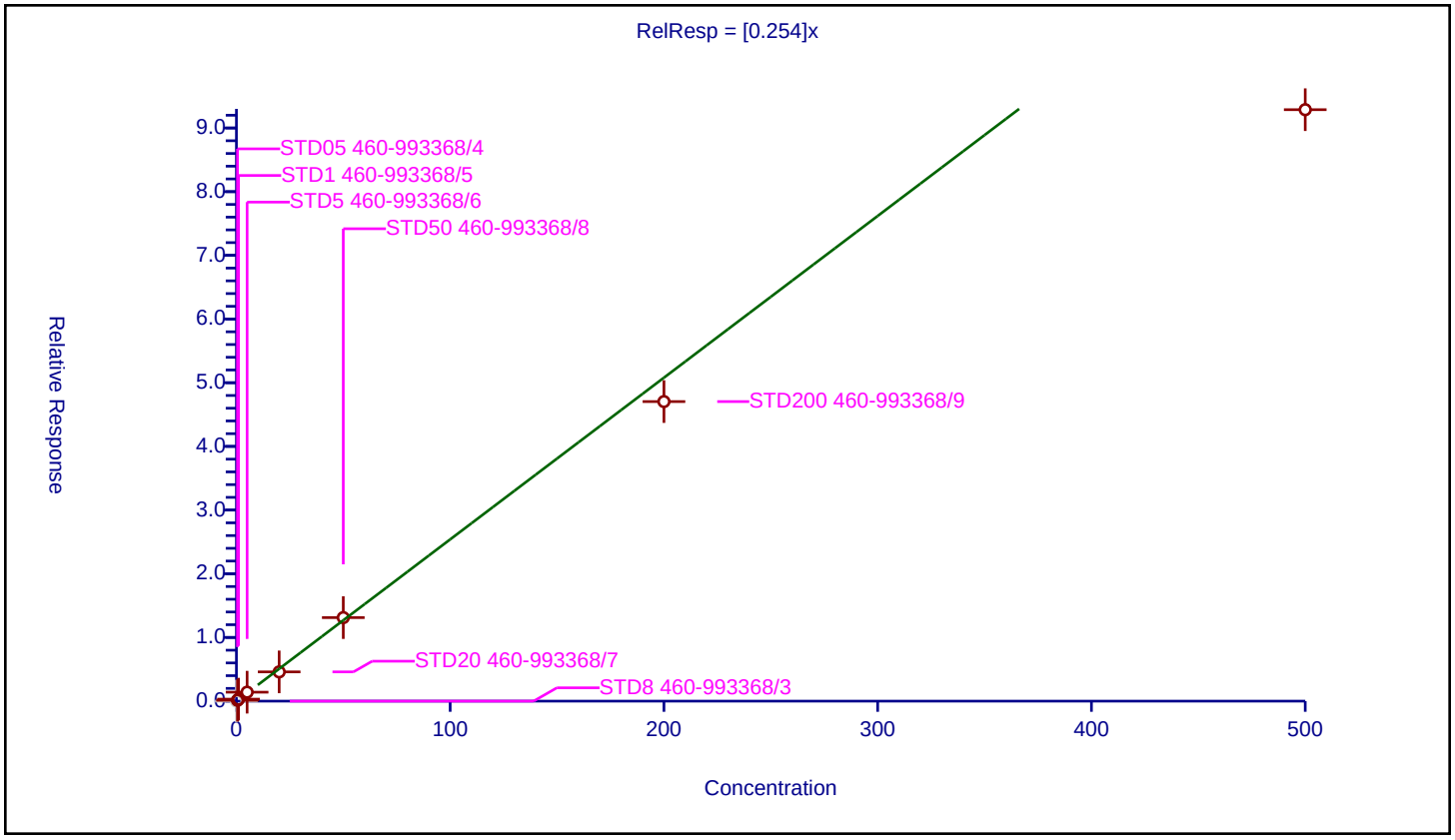
Curve Coefficients

Intercept:	0
Slope:	0.254

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.13564	50.0	767841.0	0.27128	Y
3	STD1 460-993368/5	1.0	0.311724	50.0	736870.0	0.311724	Y
4	STD5 460-993368/6	5.0	1.409055	50.0	753377.0	0.281811	Y
5	STD20 460-993368/7	20.0	4.592861	50.0	750665.0	0.229643	Y
6	STD50 460-993368/8	50.0	13.11678	50.0	760583.0	0.262336	Y
7	STD200 460-993368/9	200.0	47.040312	50.0	788850.0	0.235202	Y
8	STD500 460-993368/10	500.0	92.87418	50.0	838521.0	0.185748	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

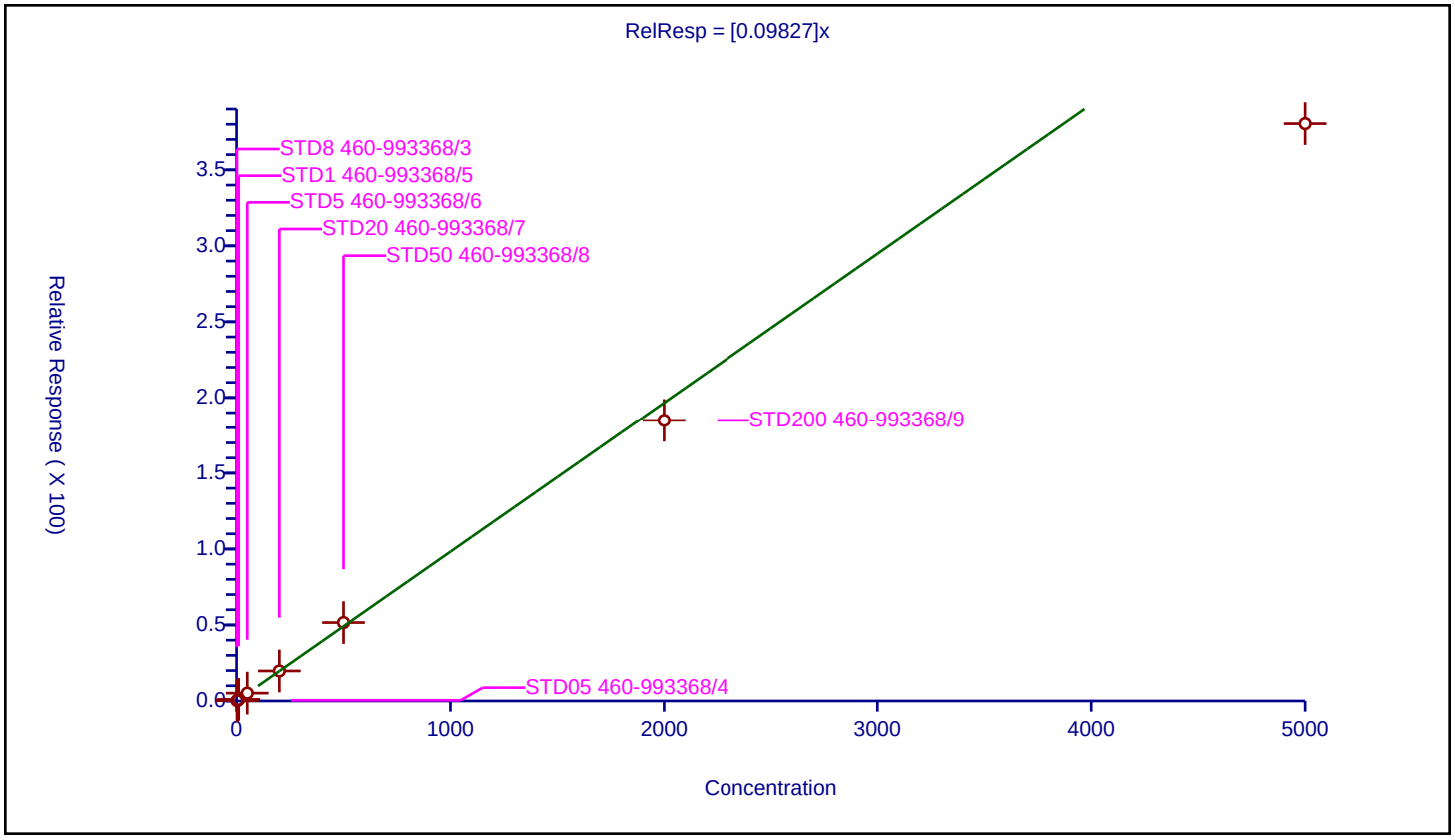
Curve Coefficients

Intercept:	0
Slope:	0.09827

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	2.0	0.230098	50.0	794663.0	0.115049	Y
2	STD05 460-993368/4	5.0	0.460186	50.0	767841.0	0.092037	Y
3	STD1 460-993368/5	10.0	1.052085	50.0	736870.0	0.105209	Y
4	STD5 460-993368/6	50.0	5.171315	50.0	753377.0	0.103426	Y
5	STD20 460-993368/7	200.0	19.743494	50.0	750665.0	0.098717	Y
6	STD50 460-993368/8	500.0	51.584377	50.0	760583.0	0.103169	Y
7	STD200 460-993368/9	2000.0	184.895481	50.0	788850.0	0.092448	Y
8	STD500 460-993368/10	5000.0	380.430425	50.0	838521.0	0.076086	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

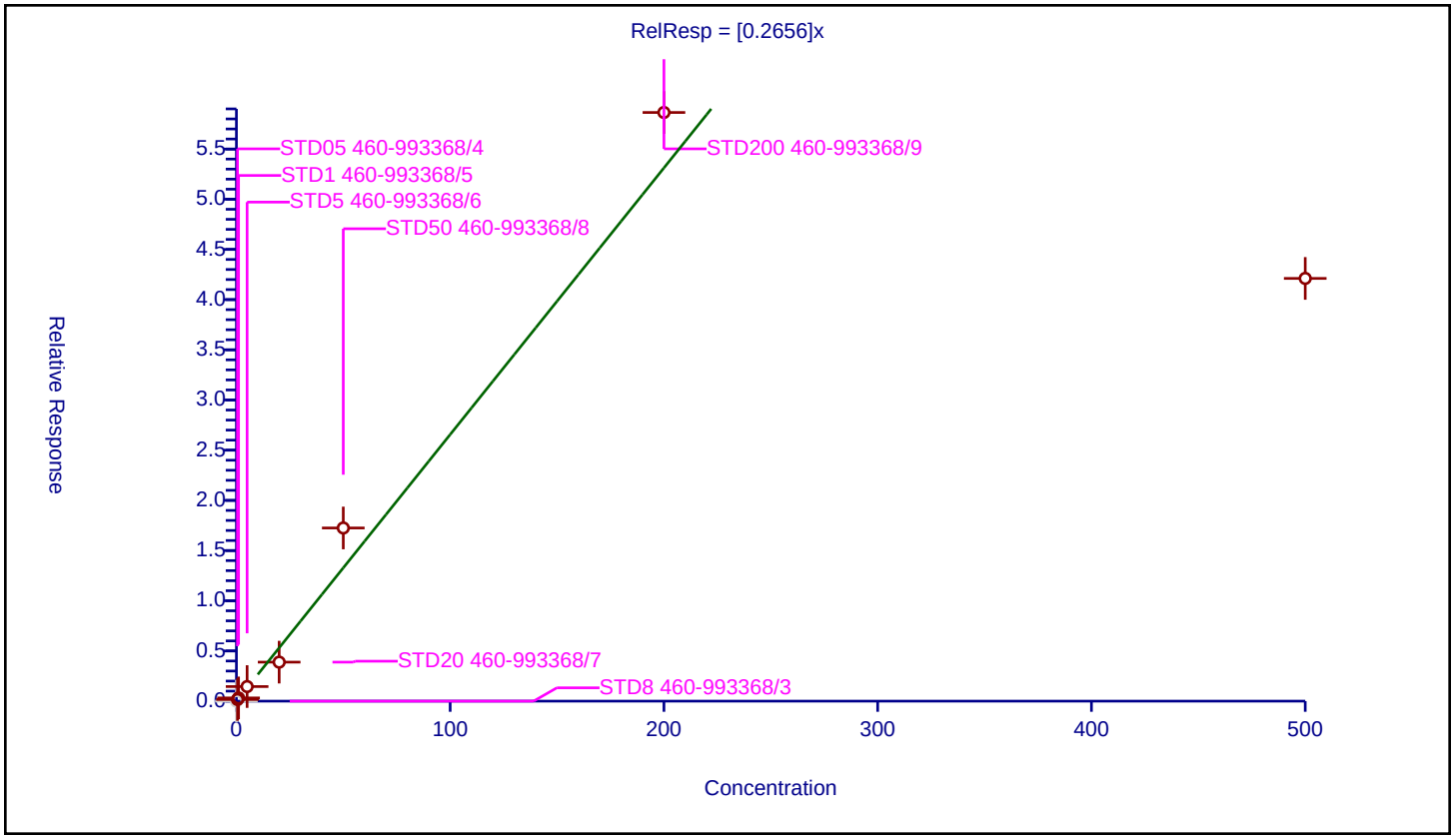
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	35.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.16605	50.0	767841.0	0.3321	Y
3	STD1 460-993368/5	1.0	0.319731	50.0	736870.0	0.319731	Y
4	STD5 460-993368/6	5.0	1.453787	50.0	753377.0	0.290757	Y
5	STD20 460-993368/7	20.0	3.886088	50.0	750665.0	0.194304	Y
6	STD50 460-993368/8	50.0	17.24986	50.0	760583.0	0.344997	Y
7	STD200 460-993368/9	200.0	58.64182	50.0	788850.0	0.293209	Y
8	STD500 460-993368/10	500.0	42.112541	50.0	838521.0	0.084225	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

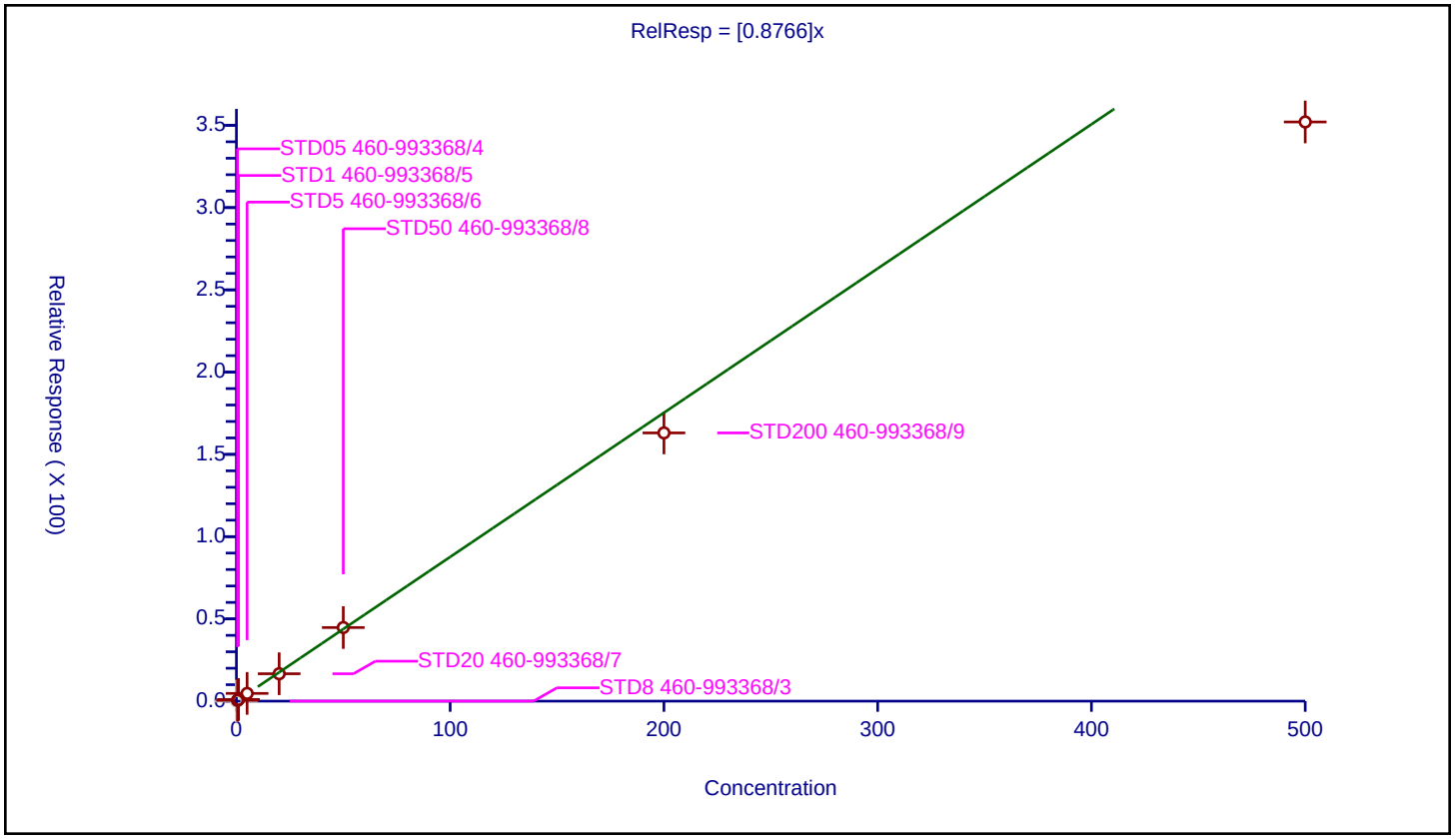
Curve Coefficients

Intercept:	0
Slope:	0.8766

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.470866	50.0	767841.0	0.941731	Y
3	STD1 460-993368/5	1.0	1.008183	50.0	736870.0	1.008183	Y
4	STD5 460-993368/6	5.0	4.696984	50.0	753377.0	0.939397	Y
5	STD20 460-993368/7	20.0	16.651702	50.0	750665.0	0.832585	Y
6	STD50 460-993368/8	50.0	44.743374	50.0	760583.0	0.894867	Y
7	STD200 460-993368/9	200.0	163.041009	50.0	788850.0	0.815205	Y
8	STD500 460-993368/10	500.0	352.043539	50.0	838521.0	0.704087	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

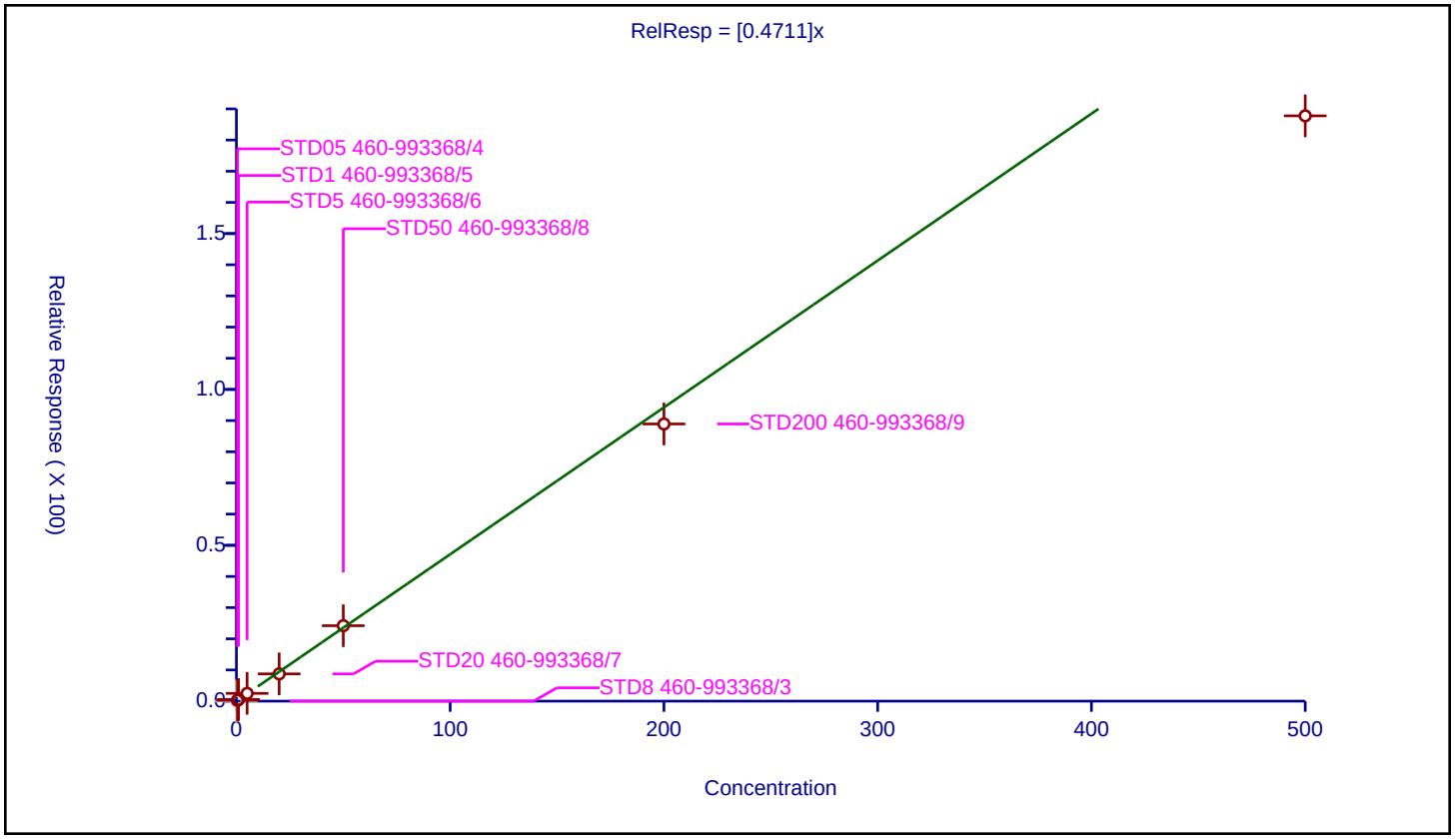
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.265224	50.0	767841.0	0.530448	Y
3	STD1 460-993368/5	1.0	0.528587	50.0	736870.0	0.528587	Y
4	STD5 460-993368/6	5.0	2.486537	50.0	753377.0	0.497307	Y
5	STD20 460-993368/7	20.0	8.747644	50.0	750665.0	0.437382	Y
6	STD50 460-993368/8	50.0	24.202553	50.0	760583.0	0.484051	Y
7	STD200 460-993368/9	200.0	88.917982	50.0	788850.0	0.44459	Y
8	STD500 460-993368/10	500.0	187.768702	50.0	838521.0	0.375537	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

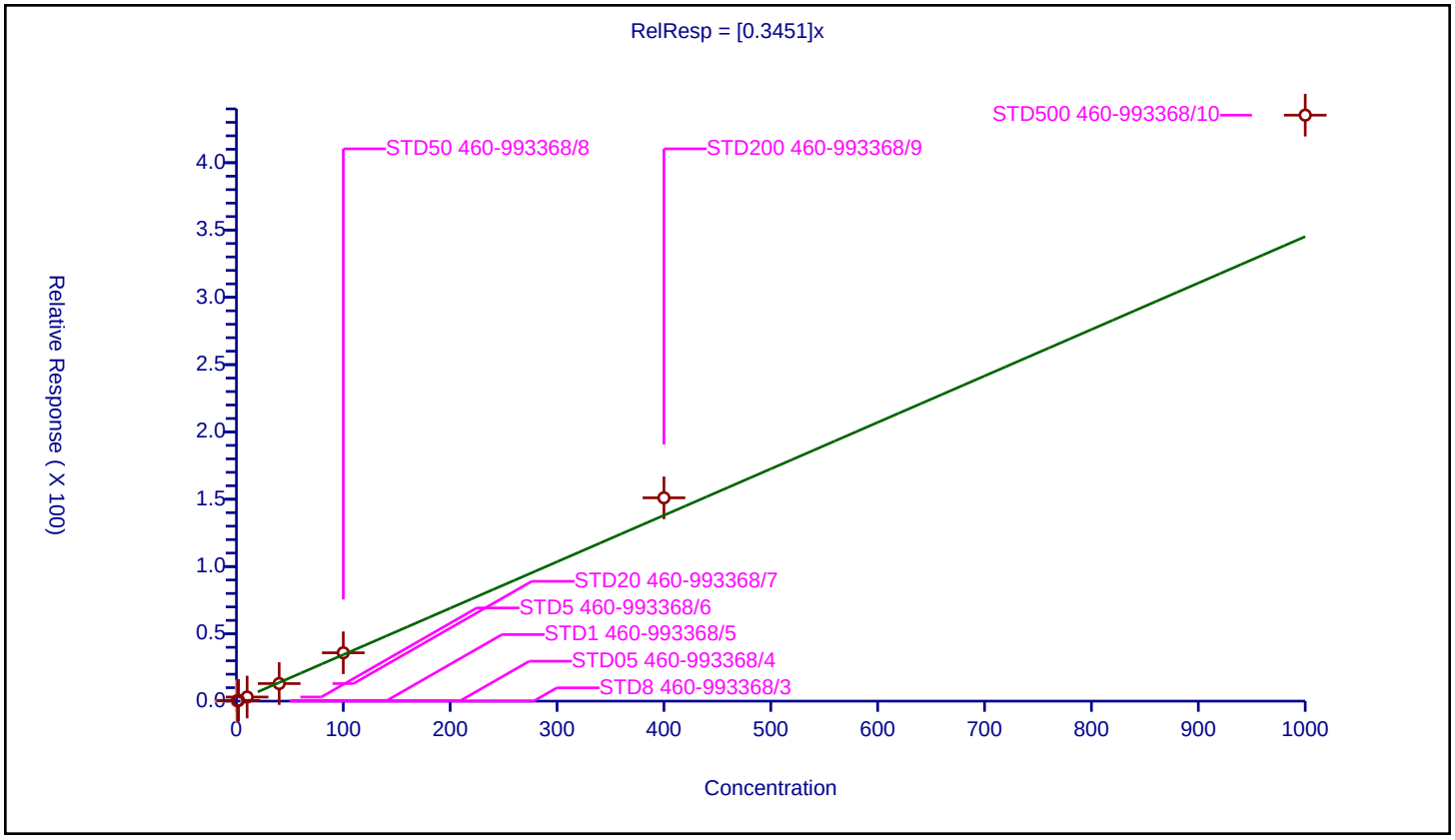
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.332485	250.0	395506.0	0.332485	Y
3	STD1 460-993368/5	2.0	0.557537	250.0	398180.0	0.278768	Y
4	STD5 460-993368/6	10.0	3.061415	250.0	406838.0	0.306142	Y
5	STD20 460-993368/7	40.0	13.051787	250.0	409216.0	0.326295	Y
6	STD50 460-993368/8	100.0	35.925487	250.0	425965.0	0.359255	Y
7	STD200 460-993368/9	400.0	151.054055	250.0	444806.0	0.377635	Y
8	STD500 460-993368/10	1000.0	435.344611	250.0	496691.0	0.435345	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

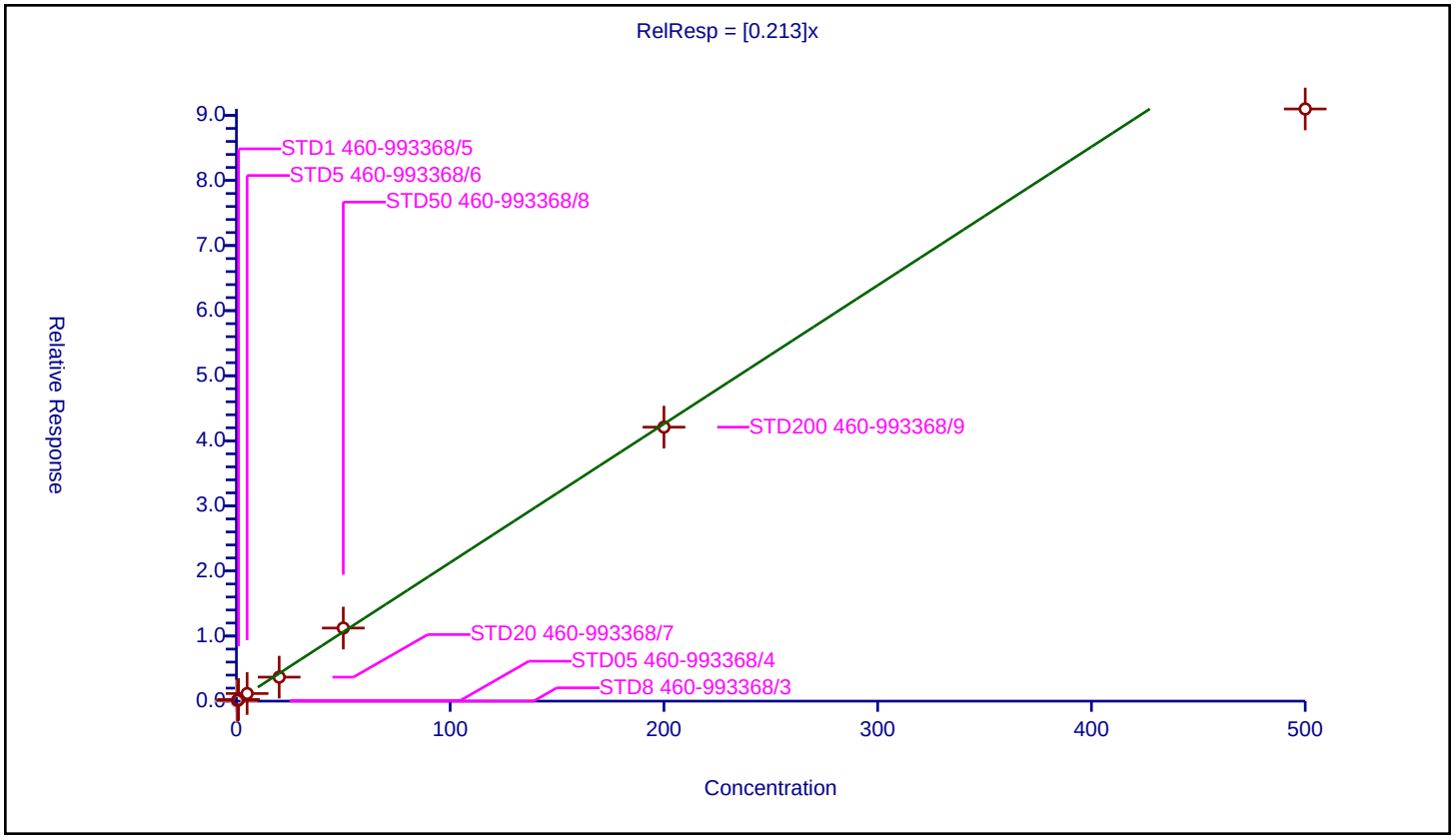
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.103798	50.0	767841.0	0.207595	Y
3	STD1 460-993368/5	1.0	0.247601	50.0	736870.0	0.247601	Y
4	STD5 460-993368/6	5.0	1.169932	50.0	753377.0	0.233986	Y
5	STD20 460-993368/7	20.0	3.687797	50.0	750665.0	0.18439	Y
6	STD50 460-993368/8	50.0	11.230333	50.0	760583.0	0.224607	Y
7	STD200 460-993368/9	200.0	42.10154	50.0	788850.0	0.210508	Y
8	STD500 460-993368/10	500.0	90.98824	50.0	838521.0	0.181976	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

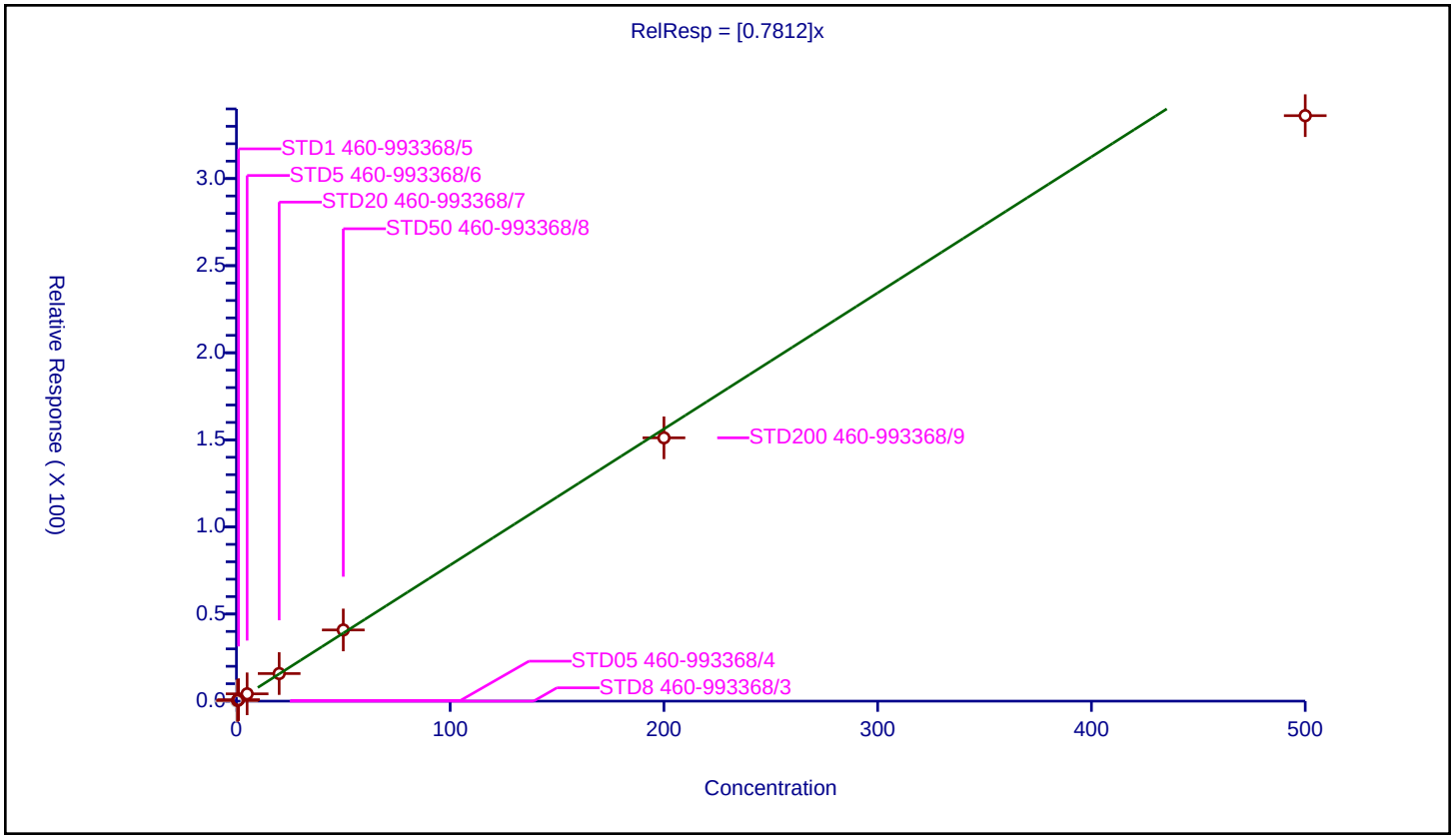
Curve Coefficients

Intercept:	0
Slope:	0.7812

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.377617	50.0	767841.0	0.755234	Y
3	STD1 460-993368/5	1.0	0.837665	50.0	736870.0	0.837665	Y
4	STD5 460-993368/6	5.0	4.19239	50.0	753377.0	0.838478	Y
5	STD20 460-993368/7	20.0	15.833361	50.0	750665.0	0.791668	Y
6	STD50 460-993368/8	50.0	40.855436	50.0	760583.0	0.817109	Y
7	STD200 460-993368/9	200.0	151.170945	50.0	788850.0	0.755855	Y
8	STD500 460-993368/10	500.0	336.112393	50.0	838521.0	0.672225	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

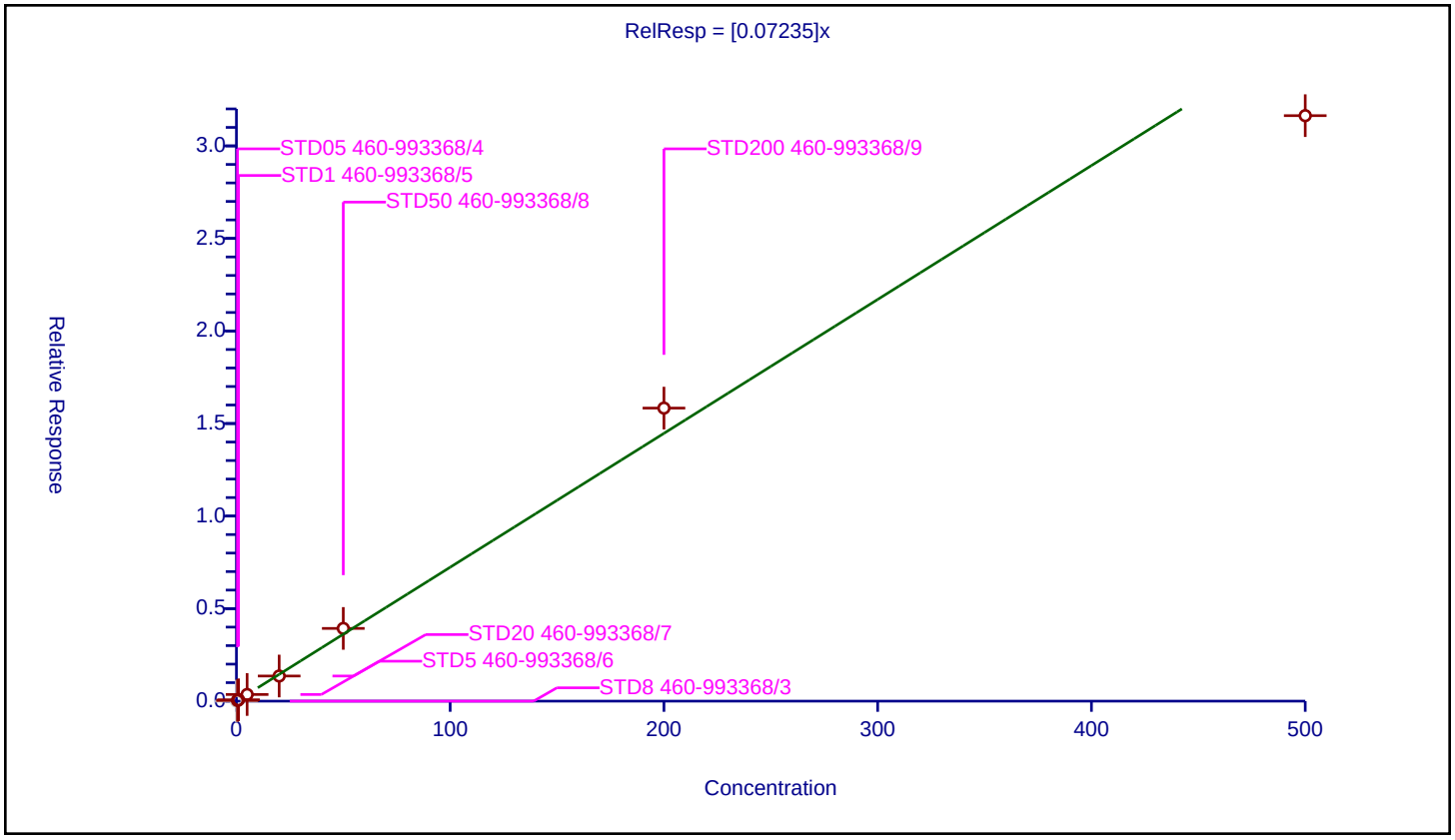
Curve Coefficients

Intercept:	0
Slope:	0.07235

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.036466	50.0	767841.0	0.072932	Y
3	STD1 460-993368/5	1.0	0.072672	50.0	736870.0	0.072672	Y
4	STD5 460-993368/6	5.0	0.359515	50.0	753377.0	0.071903	Y
5	STD20 460-993368/7	20.0	1.357729	50.0	750665.0	0.067886	Y
6	STD50 460-993368/8	50.0	3.929814	50.0	760583.0	0.078596	Y
7	STD200 460-993368/9	200.0	15.833492	50.0	788850.0	0.079167	Y
8	STD500 460-993368/10	500.0	31.634926	50.0	838521.0	0.06327	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

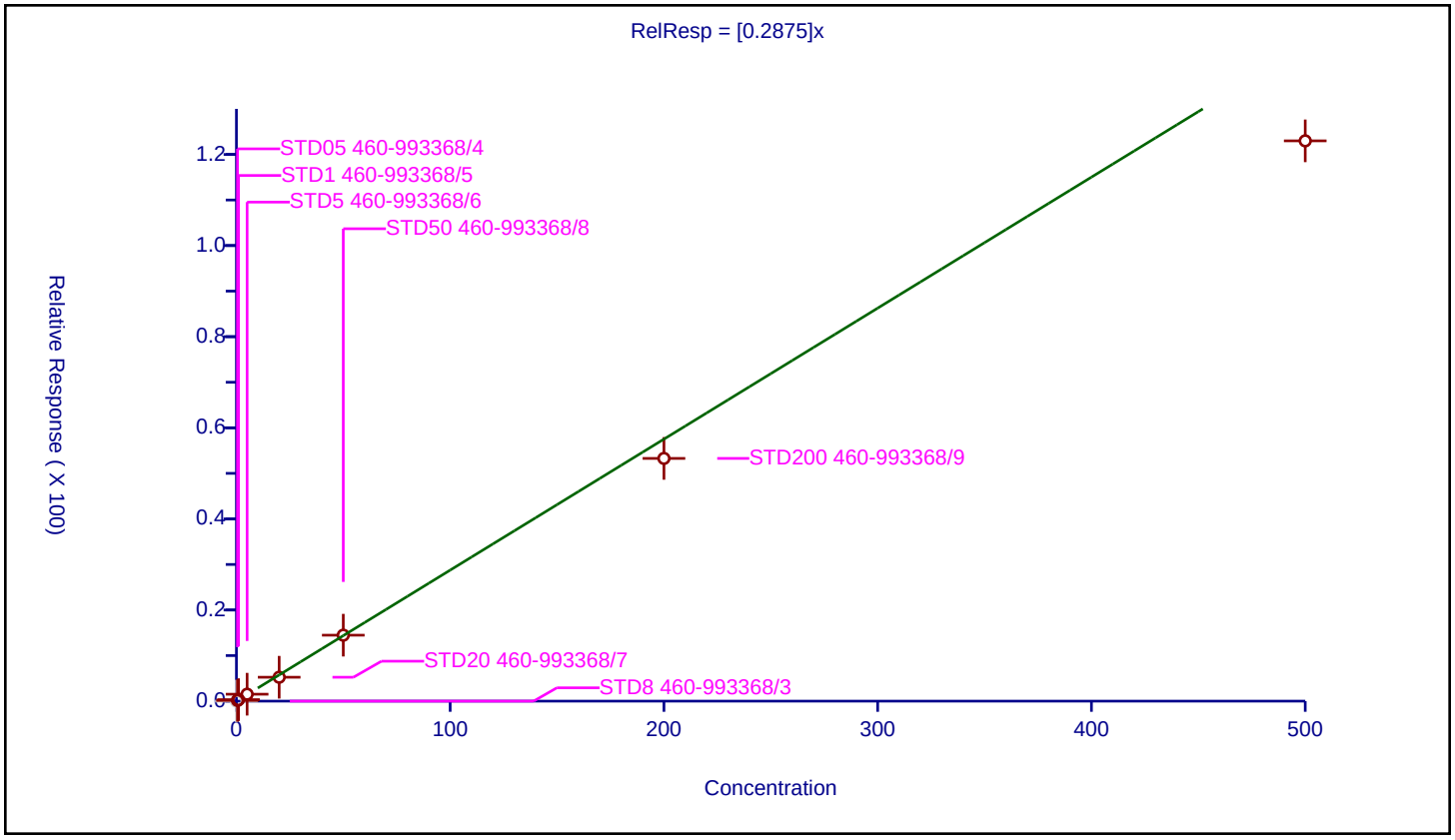
Curve Coefficients

Intercept:	0
Slope:	0.2875

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.161231	50.0	767841.0	0.322463	Y
3	STD1 460-993368/5	1.0	0.32197	50.0	736870.0	0.32197	Y
4	STD5 460-993368/6	5.0	1.520819	50.0	753377.0	0.304164	Y
5	STD20 460-993368/7	20.0	5.245749	50.0	750665.0	0.262287	Y
6	STD50 460-993368/8	50.0	14.480537	50.0	760583.0	0.289611	Y
7	STD200 460-993368/9	200.0	53.277366	50.0	788850.0	0.266387	Y
8	STD500 460-993368/10	500.0	122.982609	50.0	838521.0	0.245965	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

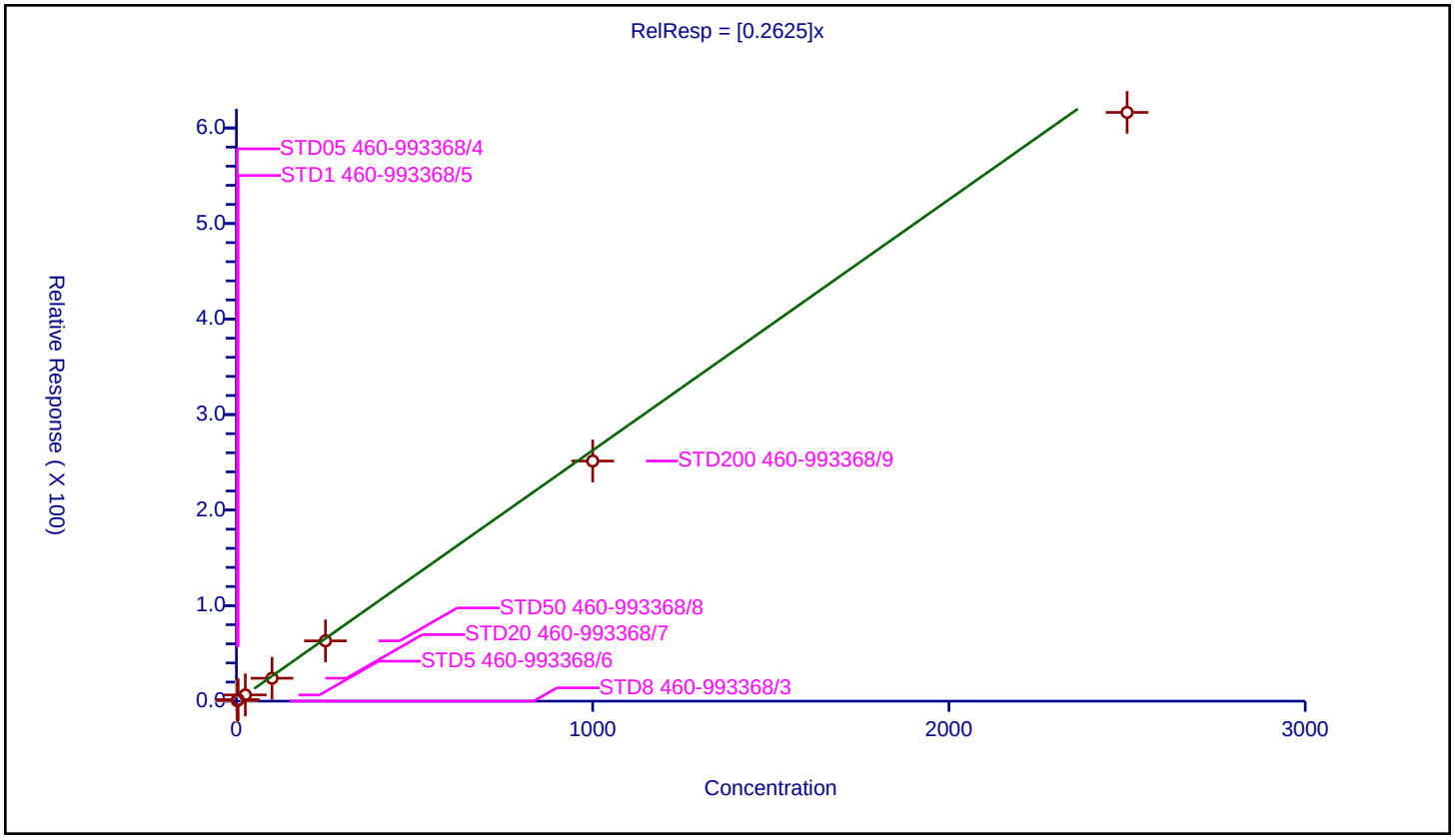
Curve Coefficients

Intercept:	0
Slope:	0.2625

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	0.681406	250.0	395506.0	0.272562	Y
3	STD1 460-993368/5	5.0	1.573409	250.0	398180.0	0.314682	Y
4	STD5 460-993368/6	25.0	6.509962	250.0	406838.0	0.260398	Y
5	STD20 460-993368/7	100.0	23.980001	250.0	409216.0	0.2398	Y
6	STD50 460-993368/8	250.0	63.113753	250.0	425965.0	0.252455	Y
7	STD200 460-993368/9	1000.0	251.363516	250.0	444806.0	0.251364	Y
8	STD500 460-993368/10	2500.0	616.332891	250.0	496691.0	0.246533	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

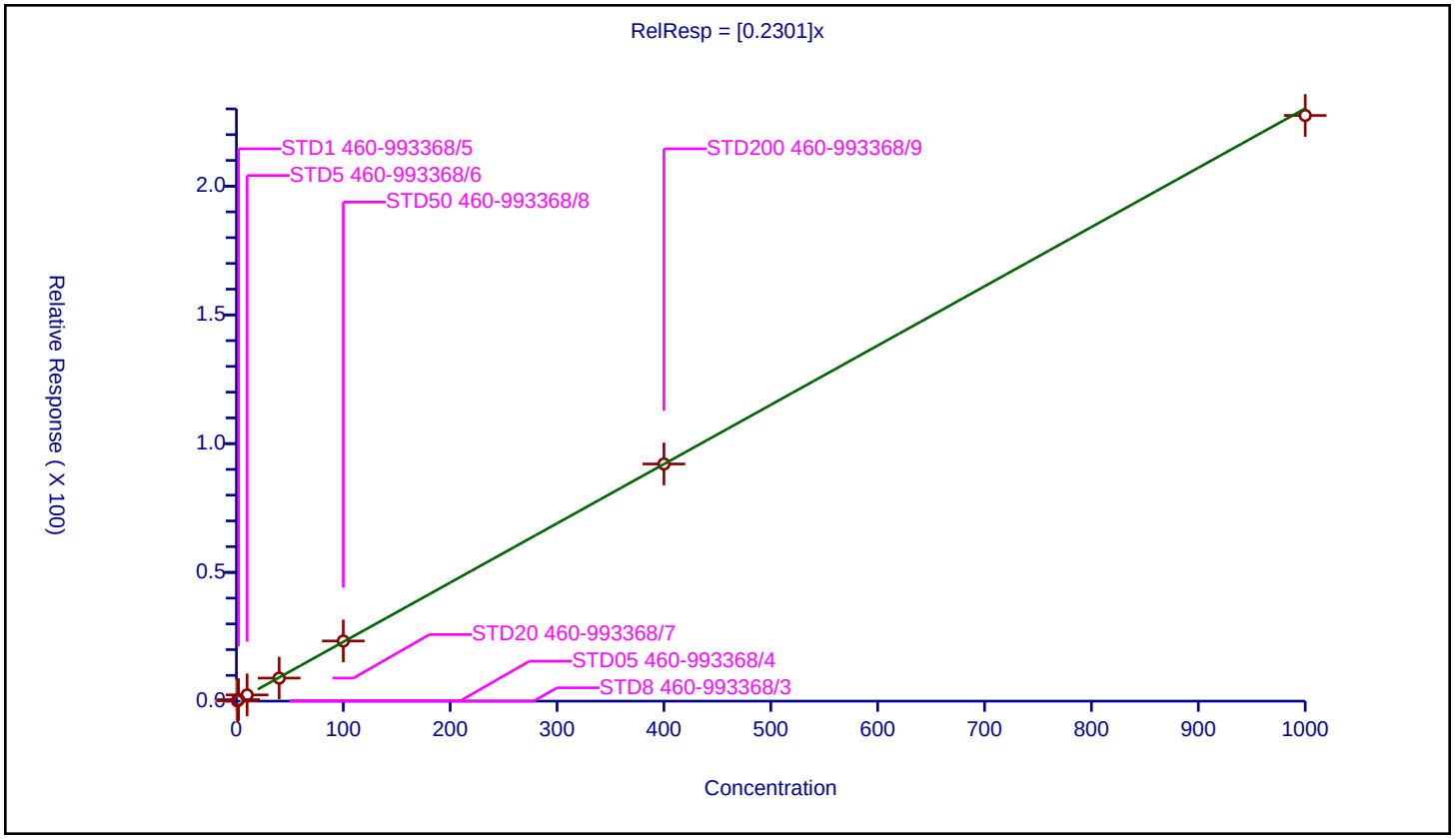
Curve Coefficients

Intercept:	0
Slope:	0.2301

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.158658	250.0	395506.0	0.158658	Y
3	STD1 460-993368/5	2.0	0.589557	250.0	398180.0	0.294779	Y
4	STD5 460-993368/6	10.0	2.424184	250.0	406838.0	0.242418	Y
5	STD20 460-993368/7	40.0	8.954928	250.0	409216.0	0.223873	Y
6	STD50 460-993368/8	100.0	23.355205	250.0	425965.0	0.233552	Y
7	STD200 460-993368/9	400.0	92.103636	250.0	444806.0	0.230259	Y
8	STD500 460-993368/10	1000.0	227.443219	250.0	496691.0	0.227443	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

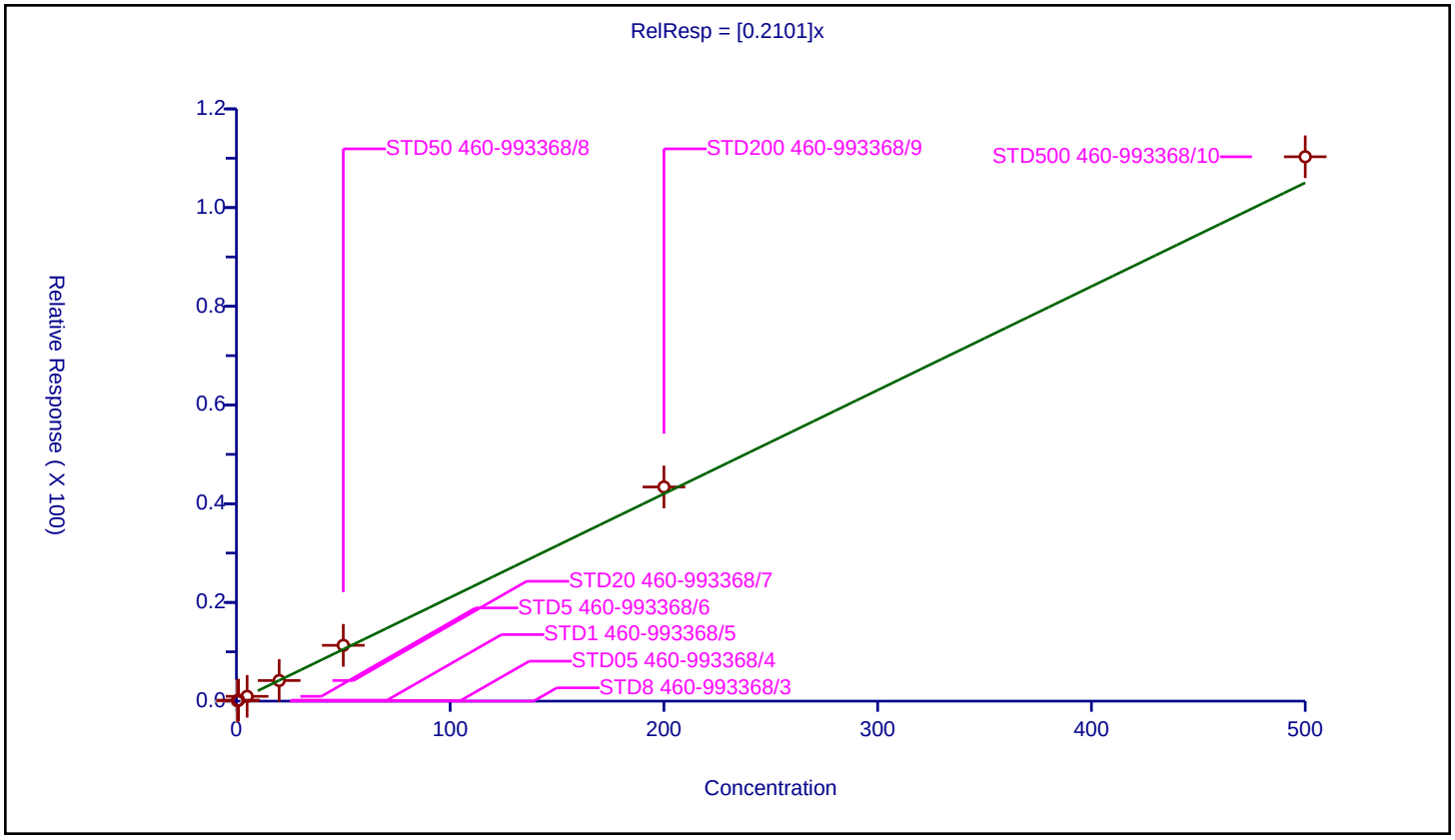
Curve Coefficients

Intercept:	0
Slope:	0.2101

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.100477	50.0	767841.0	0.200953	Y
3	STD1 460-993368/5	1.0	0.202071	50.0	736870.0	0.202071	Y
4	STD5 460-993368/6	5.0	0.97428	50.0	753377.0	0.194856	Y
5	STD20 460-993368/7	20.0	4.175498	50.0	750665.0	0.208775	Y
6	STD50 460-993368/8	50.0	11.309351	50.0	760583.0	0.226187	Y
7	STD200 460-993368/9	200.0	43.398175	50.0	788850.0	0.216991	Y
8	STD500 460-993368/10	500.0	110.300935	50.0	838521.0	0.220602	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

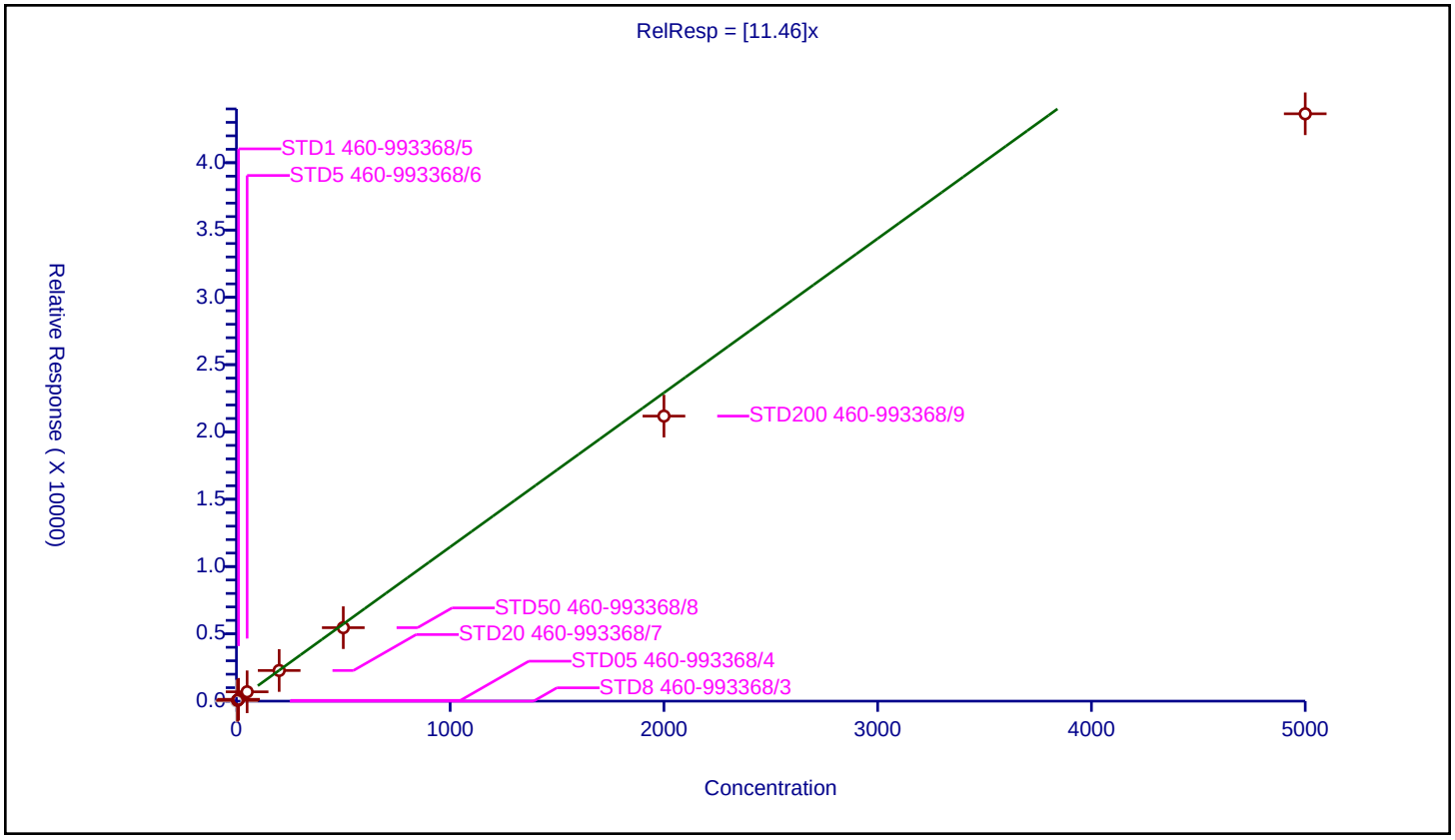
Curve Coefficients

Intercept:	0
Slope:	11.46

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	5.0	55.487506	1000.0	40820.0	11.097501	Y
3	STD1 460-993368/5	10.0	136.113453	1000.0	40334.0	13.611345	Y
4	STD5 460-993368/6	50.0	692.970663	1000.0	41654.0	13.859413	Y
5	STD20 460-993368/7	200.0	2276.763637	1000.0	46509.0	11.383818	Y
6	STD50 460-993368/8	500.0	5458.084754	1000.0	51962.0	10.91617	Y
7	STD200 460-993368/9	2000.0	21178.208296	1000.0	53011.0	10.589104	Y
8	STD500 460-993368/10	5000.0	43638.767378	1000.0	66752.0	8.727753	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

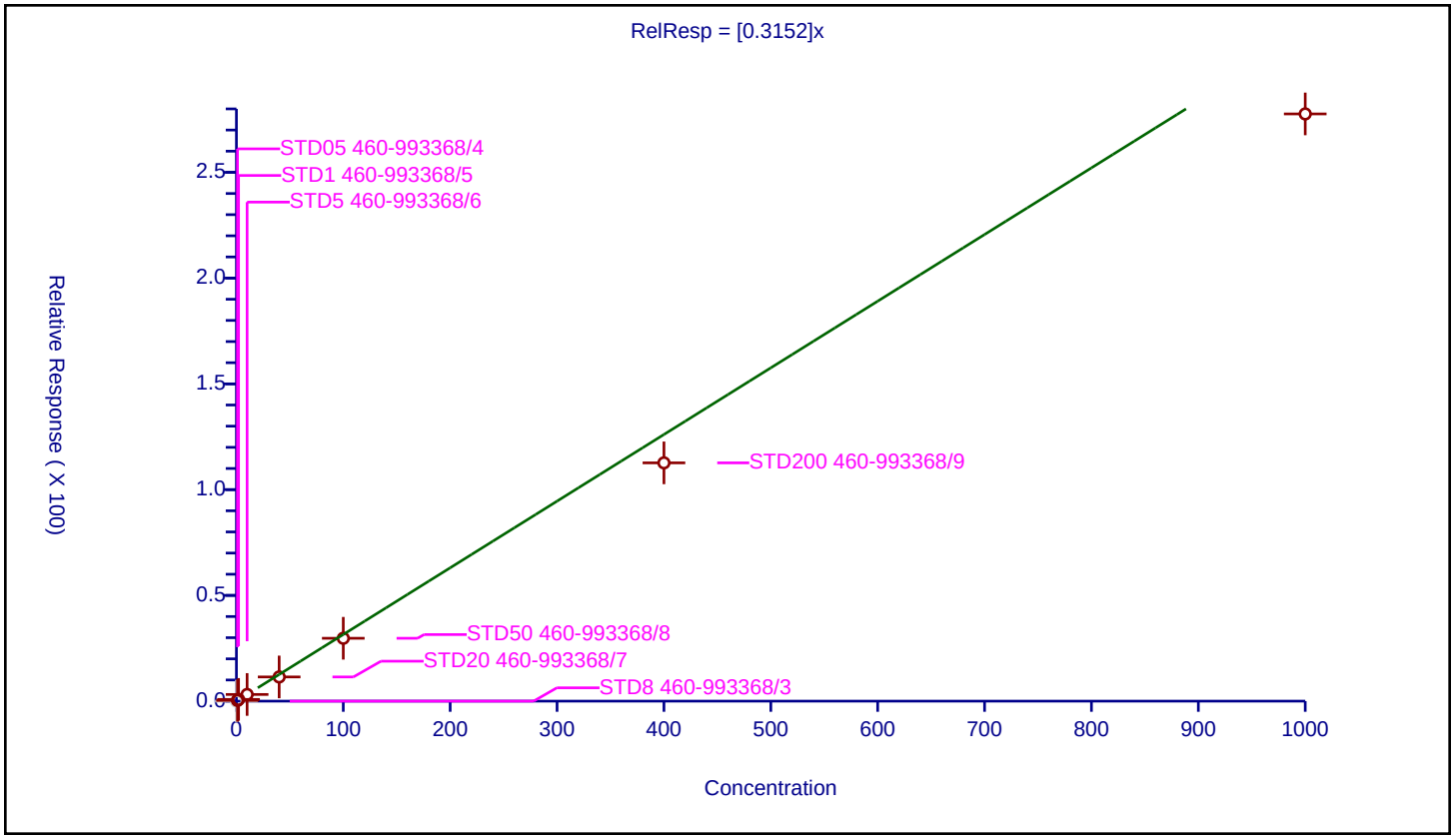
Curve Coefficients

Intercept:	0
Slope:	0.3152

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	1.0	0.343231	250.0	395506.0	0.343231	Y
3	STD1 460-993368/5	2.0	0.809307	250.0	398180.0	0.404654	Y
4	STD5 460-993368/6	10.0	3.158505	250.0	406838.0	0.315851	Y
5	STD20 460-993368/7	40.0	11.43467	250.0	409216.0	0.285867	Y
6	STD50 460-993368/8	100.0	29.722512	250.0	425965.0	0.297225	Y
7	STD200 460-993368/9	400.0	112.648548	250.0	444806.0	0.281621	Y
8	STD500 460-993368/10	1000.0	277.621298	250.0	496691.0	0.277621	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

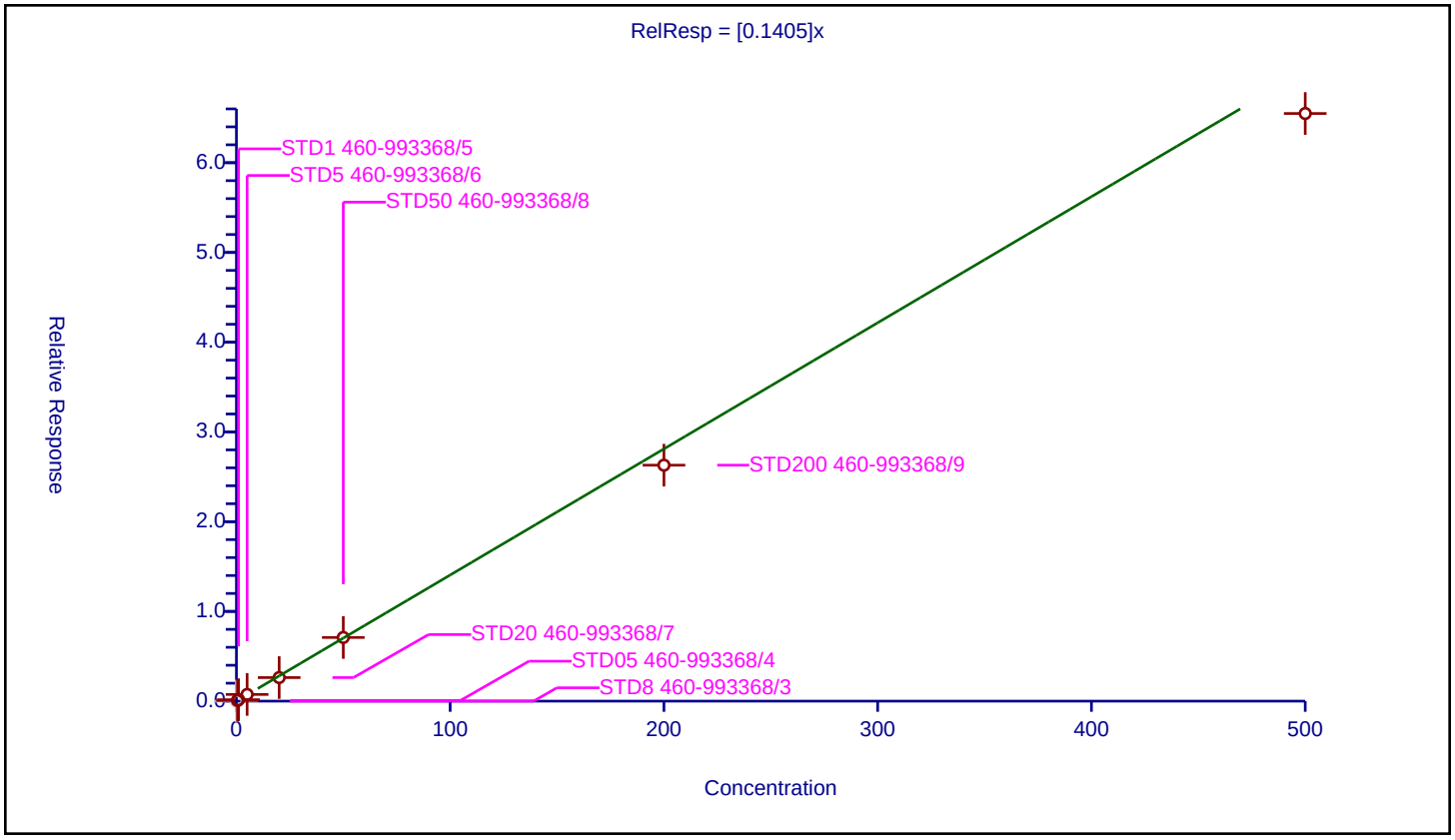
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.069415	50.0	767841.0	0.138831	Y
3	STD1 460-993368/5	1.0	0.160069	50.0	736870.0	0.160069	Y
4	STD5 460-993368/6	5.0	0.747036	50.0	753377.0	0.149407	Y
5	STD20 460-993368/7	20.0	2.62394	50.0	750665.0	0.131197	Y
6	STD50 460-993368/8	50.0	7.094623	50.0	760583.0	0.141892	Y
7	STD200 460-993368/9	200.0	26.295557	50.0	788850.0	0.131478	Y
8	STD500 460-993368/10	500.0	65.48703	50.0	838521.0	0.130974	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

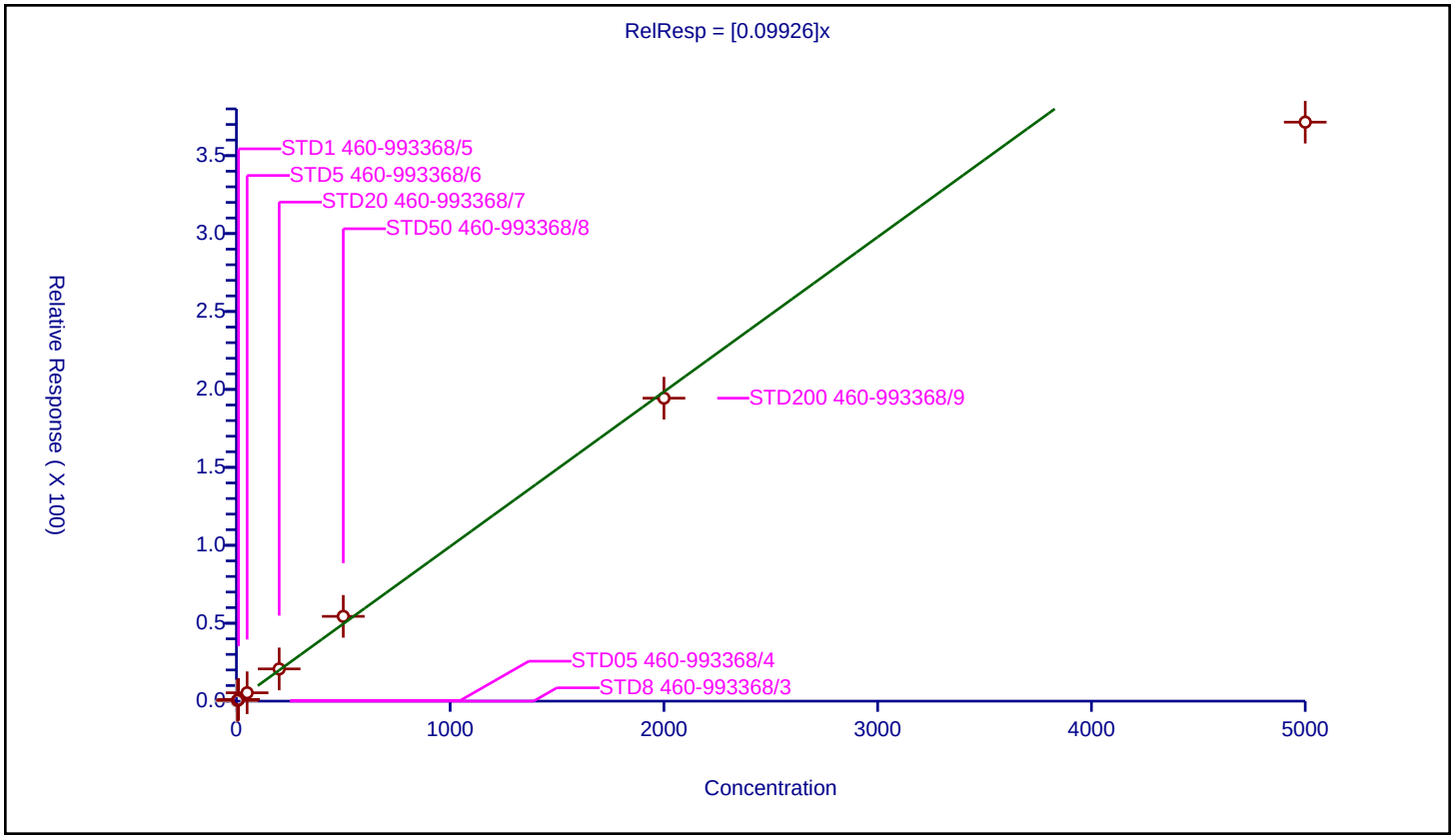
Curve Coefficients

Intercept:	0
Slope:	0.09926

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	5.0	0.468782	50.0	767841.0	0.093756	Y
3	STD1 460-993368/5	10.0	1.097887	50.0	736870.0	0.109789	Y
4	STD5 460-993368/6	50.0	5.379047	50.0	753377.0	0.107581	Y
5	STD20 460-993368/7	200.0	20.677666	50.0	750665.0	0.103388	Y
6	STD50 460-993368/8	500.0	54.403004	50.0	760583.0	0.108806	Y
7	STD200 460-993368/9	2000.0	194.397984	50.0	788850.0	0.097199	Y
8	STD500 460-993368/10	5000.0	371.490636	50.0	838521.0	0.074298	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

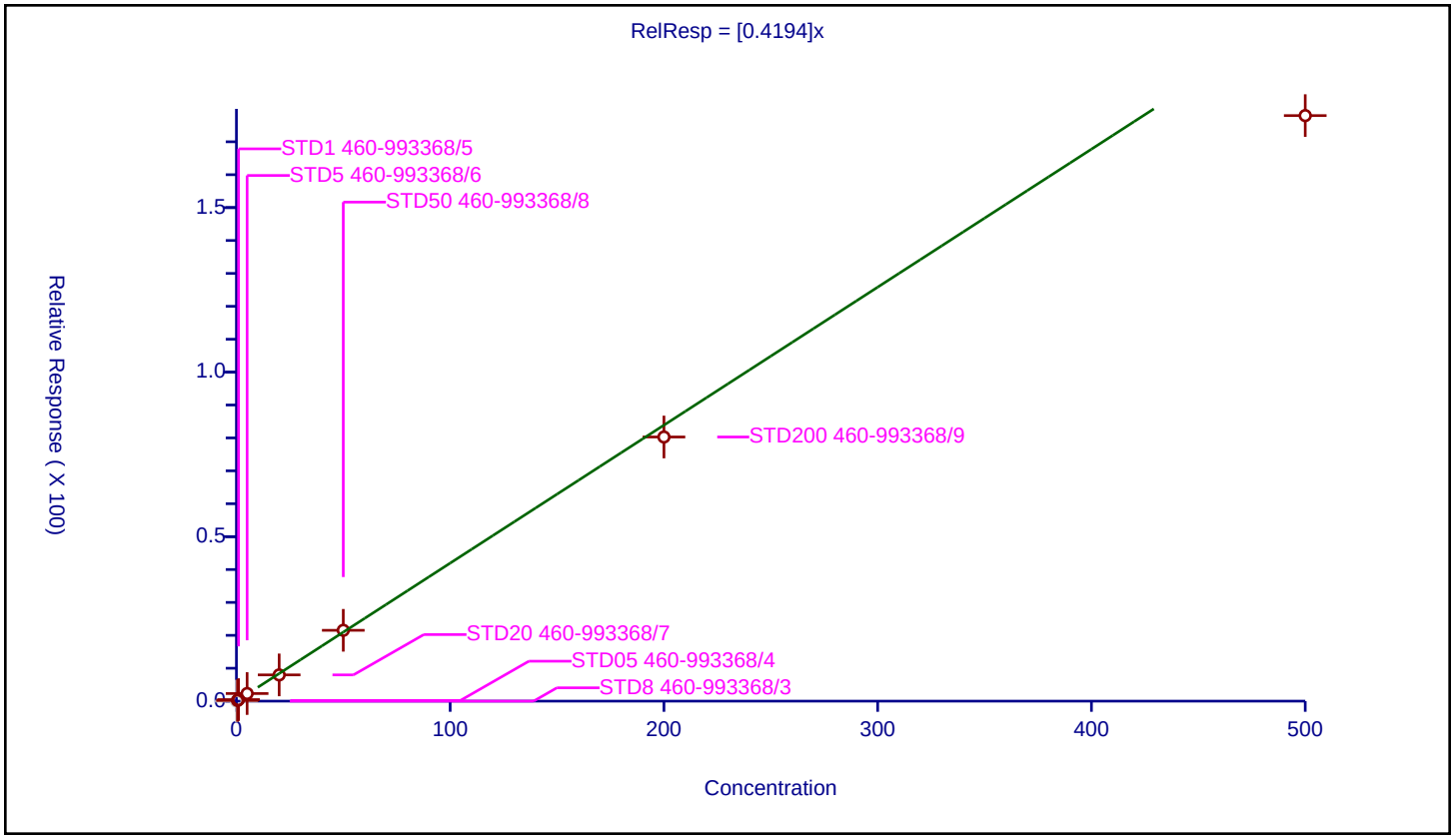
Curve Coefficients

Intercept:	0
Slope:	0.4194

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.209549	50.0	767841.0	0.419097	Y
3	STD1 460-993368/5	1.0	0.468604	50.0	736870.0	0.468604	Y
4	STD5 460-993368/6	5.0	2.307875	50.0	753377.0	0.461575	Y
5	STD20 460-993368/7	20.0	7.97333	50.0	750665.0	0.398667	Y
6	STD50 460-993368/8	50.0	21.529669	50.0	760583.0	0.430593	Y
7	STD200 460-993368/9	200.0	80.278443	50.0	788850.0	0.401392	Y
8	STD500 460-993368/10	500.0	177.963581	50.0	838521.0	0.355927	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

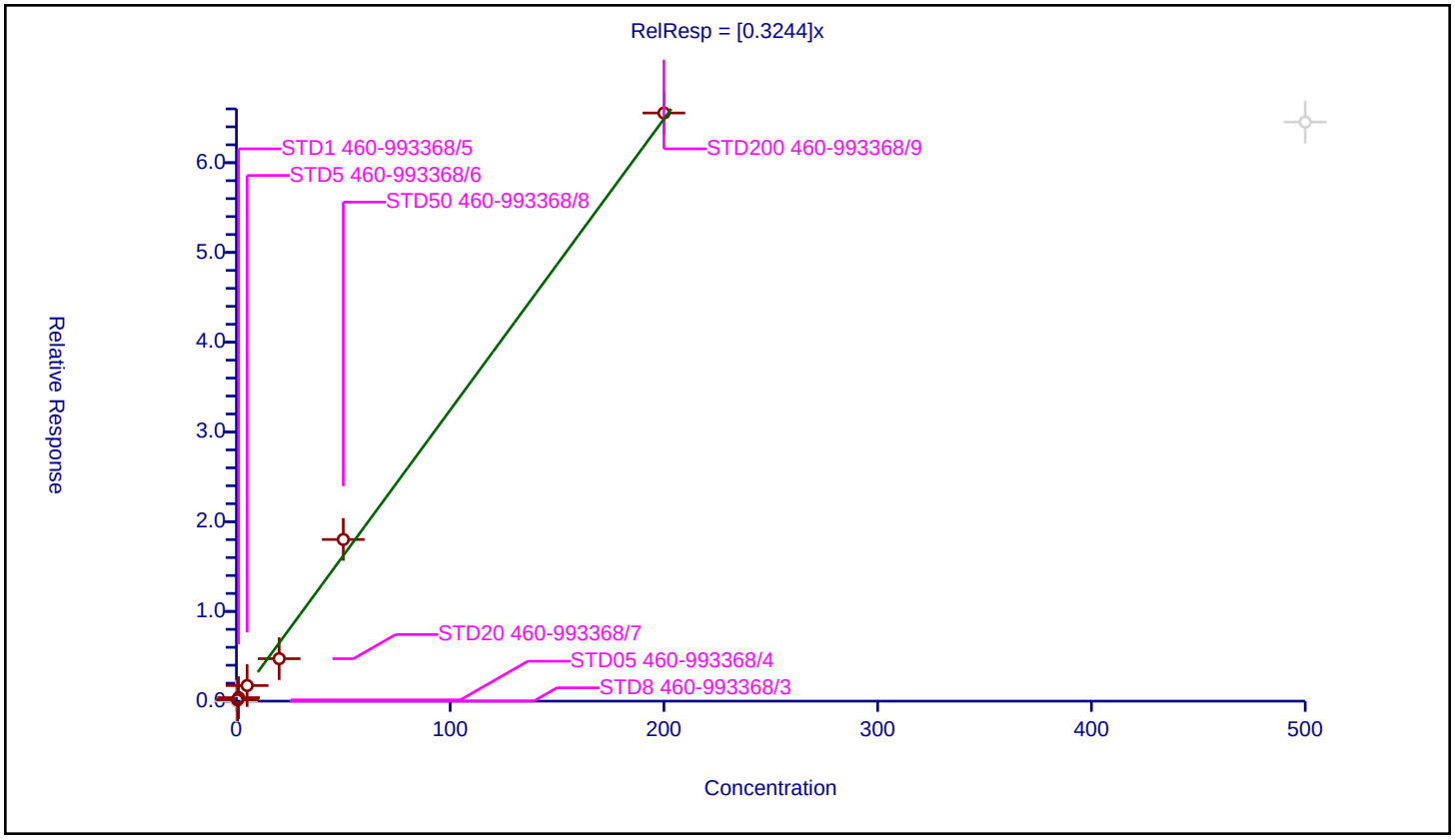
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.14404	50.0	767841.0	0.28808	Y
3	STD1 460-993368/5	1.0	0.386093	50.0	736870.0	0.386093	Y
4	STD5 460-993368/6	5.0	1.738505	50.0	753377.0	0.347701	Y
5	STD20 460-993368/7	20.0	4.730872	50.0	750665.0	0.236544	Y
6	STD50 460-993368/8	50.0	18.013484	50.0	760583.0	0.36027	Y
7	STD200 460-993368/9	200.0	65.542118	50.0	788850.0	0.327711	Y
8	STD500 460-993368/10	500.0	64.532135	50.0	838521.0	0.129064	N



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

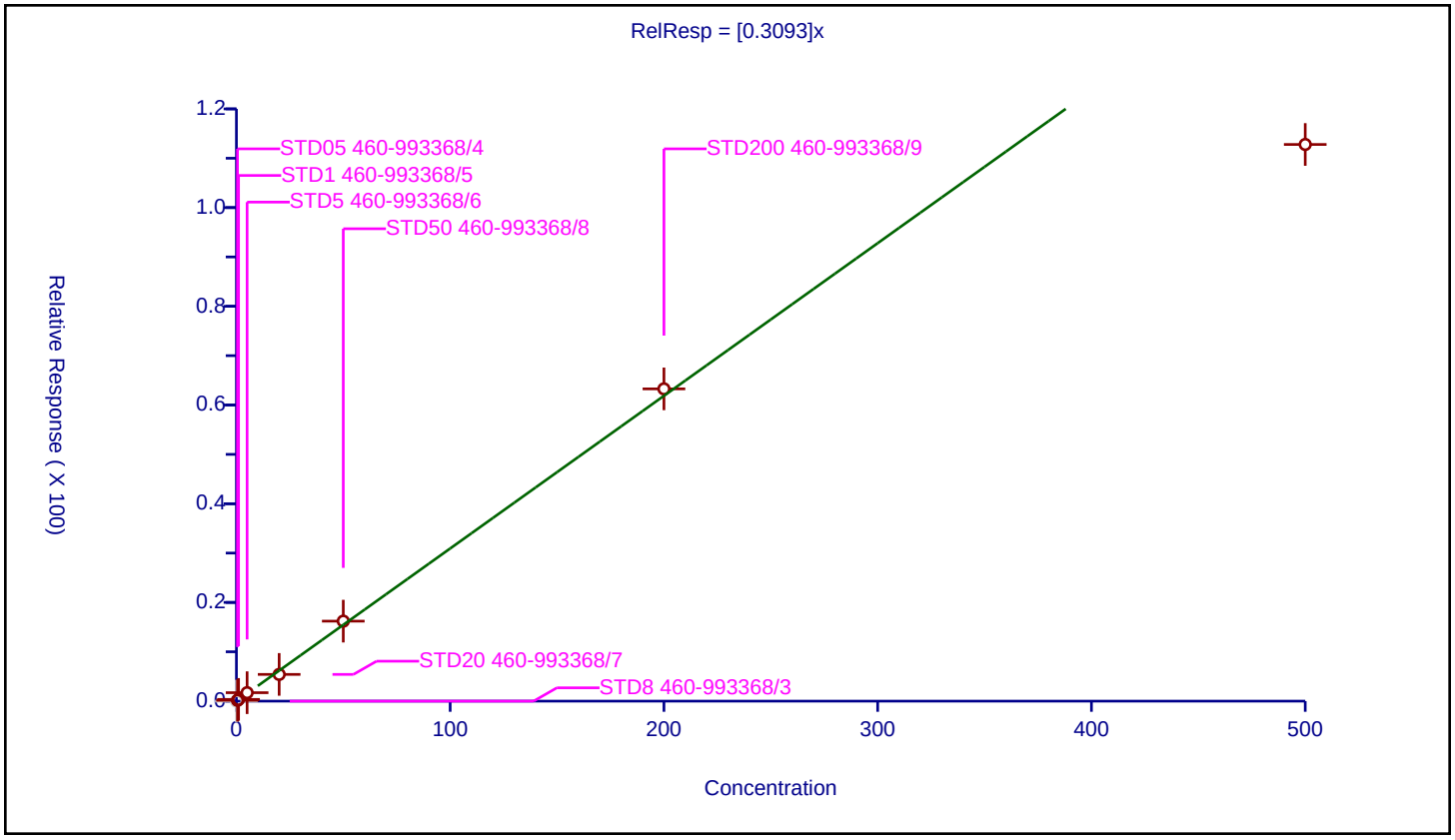
Curve Coefficients

Intercept:	0
Slope:	0.3093

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.168069	50.0	767841.0	0.336137	Y
3	STD1 460-993368/5	1.0	0.349655	50.0	736870.0	0.349655	Y
4	STD5 460-993368/6	5.0	1.712556	50.0	753377.0	0.342511	Y
5	STD20 460-993368/7	20.0	5.415731	50.0	750665.0	0.270787	Y
6	STD50 460-993368/8	50.0	16.206975	50.0	760583.0	0.32414	Y
7	STD200 460-993368/9	200.0	63.271535	50.0	788850.0	0.316358	Y
8	STD500 460-993368/10	500.0	112.789602	50.0	838521.0	0.225579	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

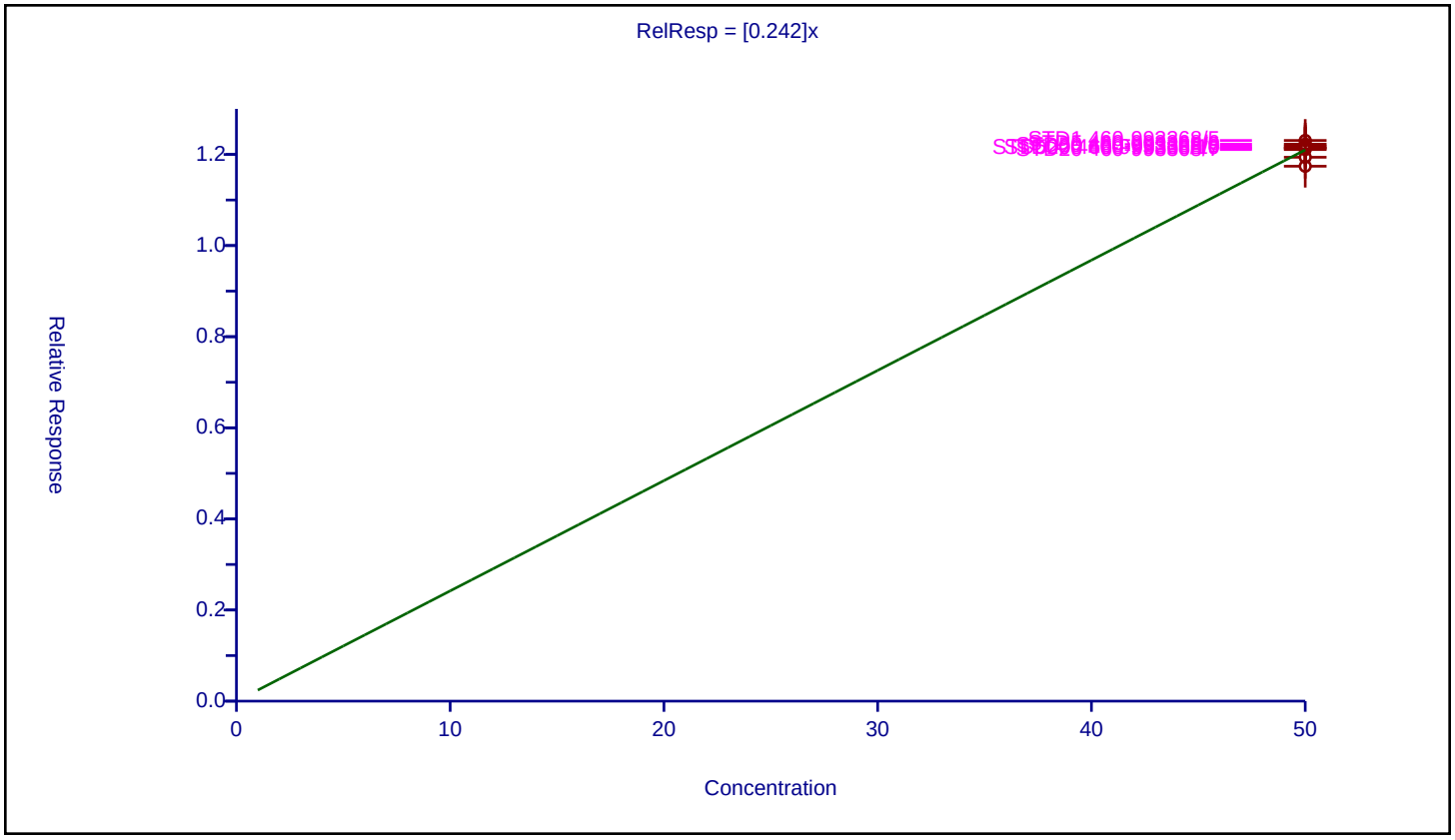
Curve Coefficients

Intercept:	0
Slope:	0.242

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	11.741204	50.0	794663.0	0.234824	Y
2	STD05 460-993368/4	50.0	11.938409	50.0	767841.0	0.238768	Y
3	STD1 460-993368/5	50.0	12.307463	50.0	736870.0	0.246149	Y
4	STD5 460-993368/6	50.0	12.227013	50.0	753377.0	0.24454	Y
5	STD20 460-993368/7	50.0	12.106932	50.0	750665.0	0.242139	Y
6	STD50 460-993368/8	50.0	12.185324	50.0	760583.0	0.243706	Y
7	STD200 460-993368/9	50.0	12.139824	50.0	788850.0	0.242796	Y
8	STD500 460-993368/10	50.0	12.146267	50.0	838521.0	0.242925	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

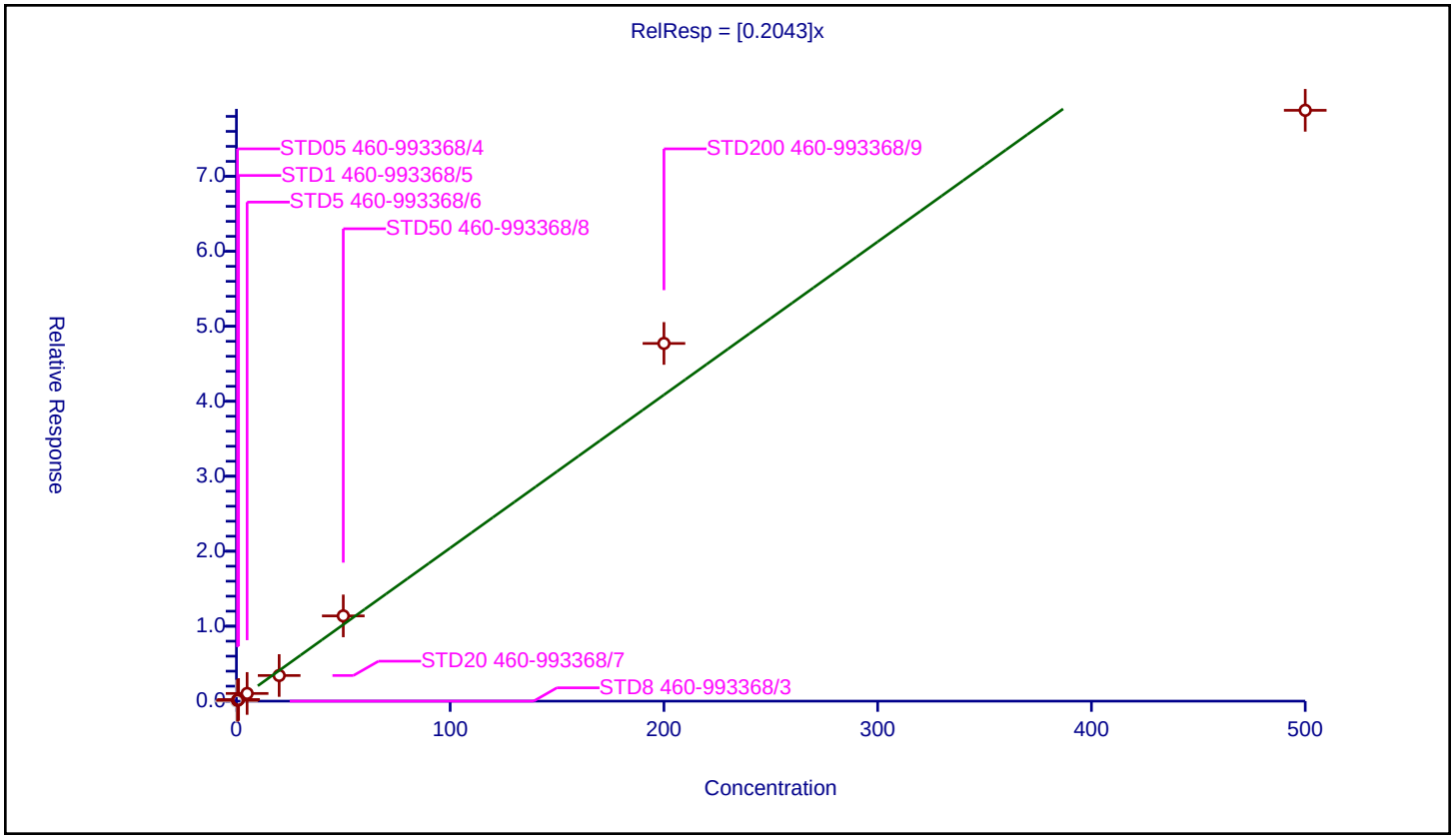
Curve Coefficients

Intercept:	0
Slope:	0.2043

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.107639	50.0	767841.0	0.215279	Y
3	STD1 460-993368/5	1.0	0.214963	50.0	736870.0	0.214963	Y
4	STD5 460-993368/6	5.0	1.025781	50.0	753377.0	0.205156	Y
5	STD20 460-993368/7	20.0	3.417903	50.0	750665.0	0.170895	Y
6	STD50 460-993368/8	50.0	11.369436	50.0	760583.0	0.227389	Y
7	STD200 460-993368/9	200.0	47.715218	50.0	788850.0	0.238576	Y
8	STD500 460-993368/10	500.0	78.811383	50.0	838521.0	0.157623	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

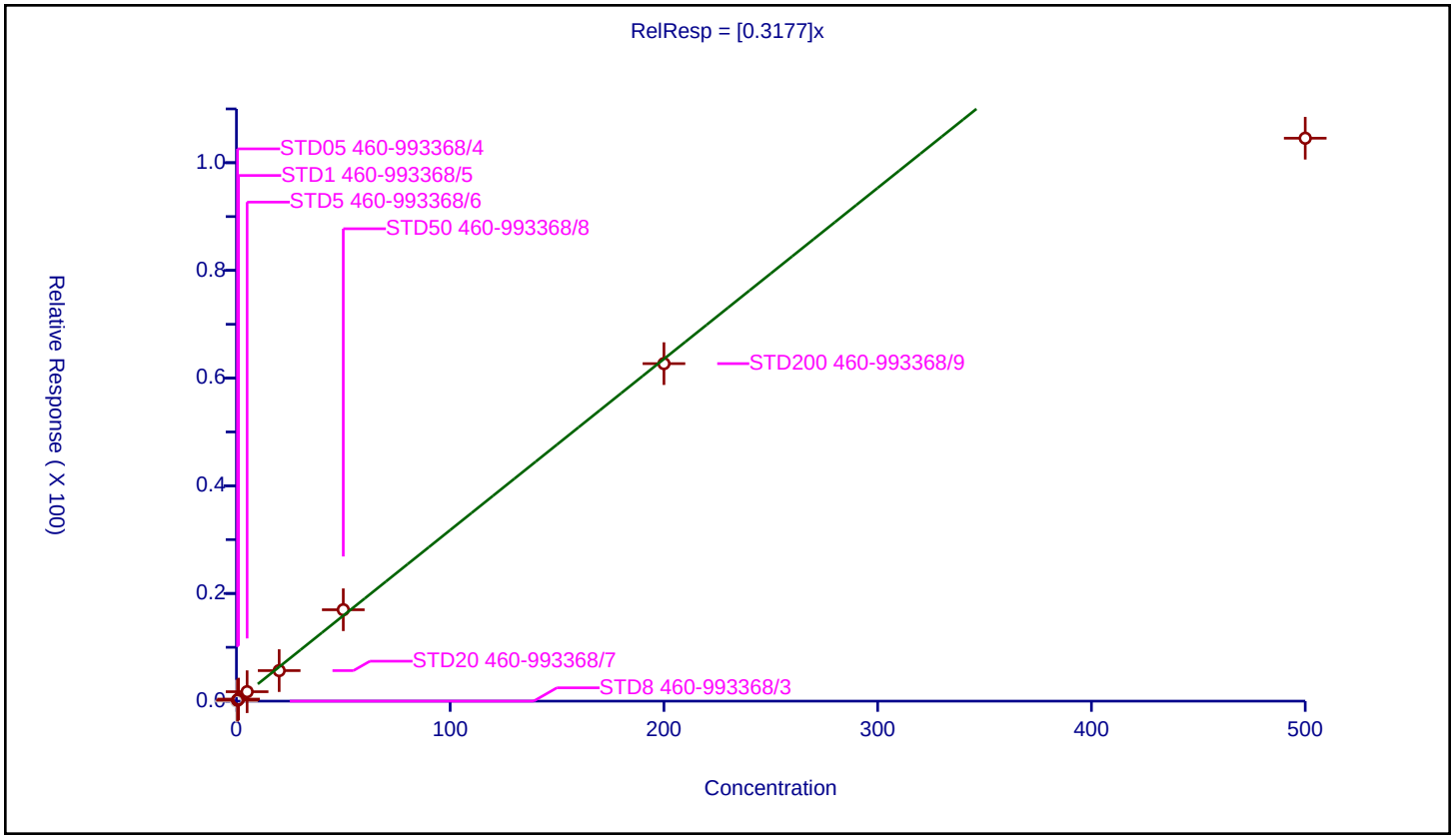
Curve Coefficients

Intercept:	0
Slope:	0.3177

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.17445	50.0	767841.0	0.3489	Y
3	STD1 460-993368/5	1.0	0.379307	50.0	736870.0	0.379307	Y
4	STD5 460-993368/6	5.0	1.752044	50.0	753377.0	0.350409	Y
5	STD20 460-993368/7	20.0	5.670039	50.0	750665.0	0.283502	Y
6	STD50 460-993368/8	50.0	16.976845	50.0	760583.0	0.339537	Y
7	STD200 460-993368/9	200.0	62.68714	50.0	788850.0	0.313436	Y
8	STD500 460-993368/10	500.0	104.553732	50.0	838521.0	0.209107	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

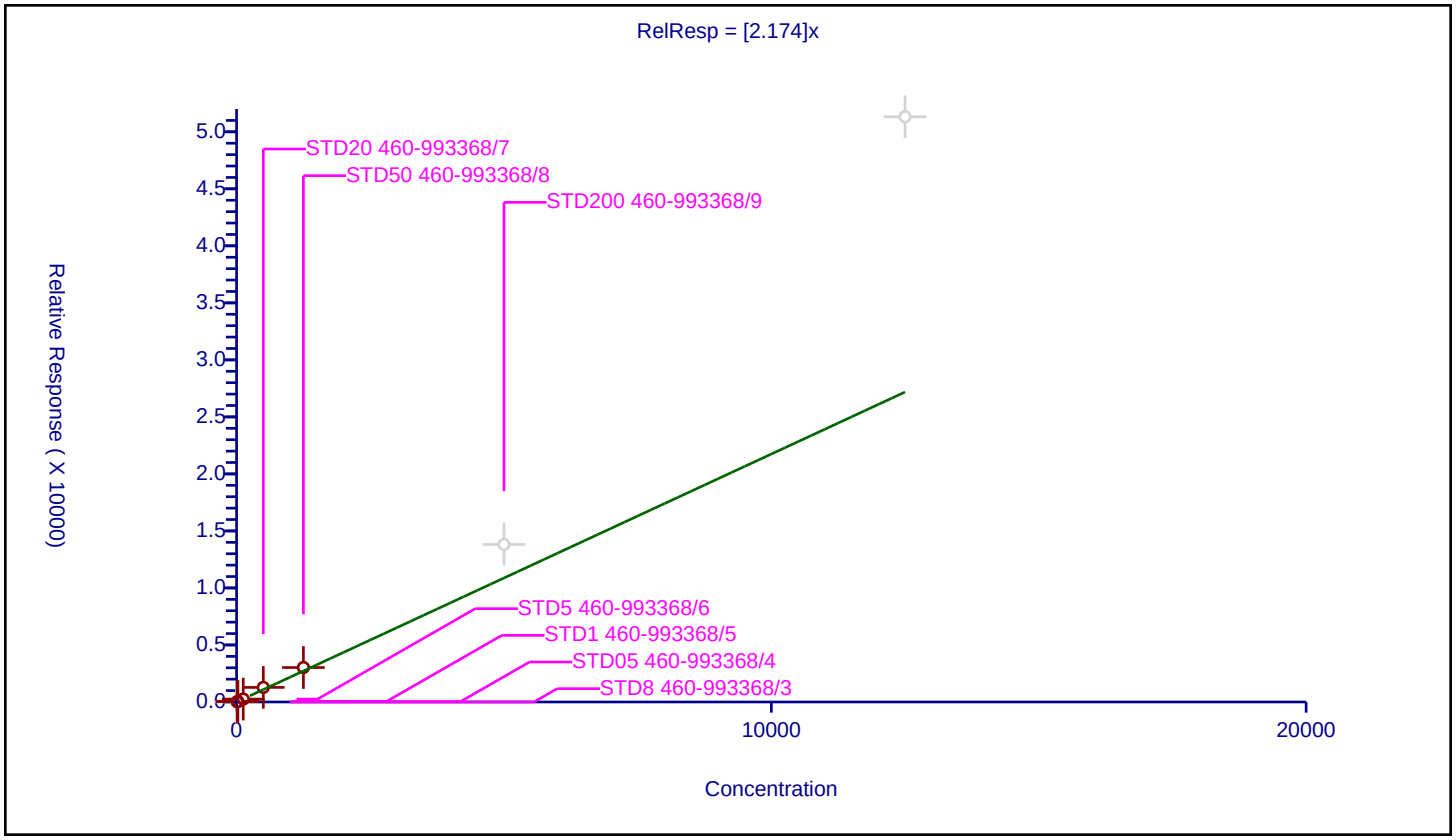
Curve Coefficients

Intercept:	0
Slope:	2.174

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	24.791769	1000.0	40820.0	1.983341	Y
3	STD1 460-993368/5	25.0	47.03228	1000.0	40334.0	1.881291	Y
4	STD5 460-993368/6	125.0	253.973208	1000.0	41654.0	2.031786	Y
5	STD20 460-993368/7	500.0	1278.397729	1000.0	46509.0	2.556795	Y
6	STD50 460-993368/8	1250.0	3023.209268	1000.0	51962.0	2.418567	Y
7	STD200 460-993368/9	5000.0	13814.755428	1000.0	53011.0	2.762951	N
8	STD500 460-993368/10	12500.0	51320.065316	1000.0	66752.0	4.105605	N



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

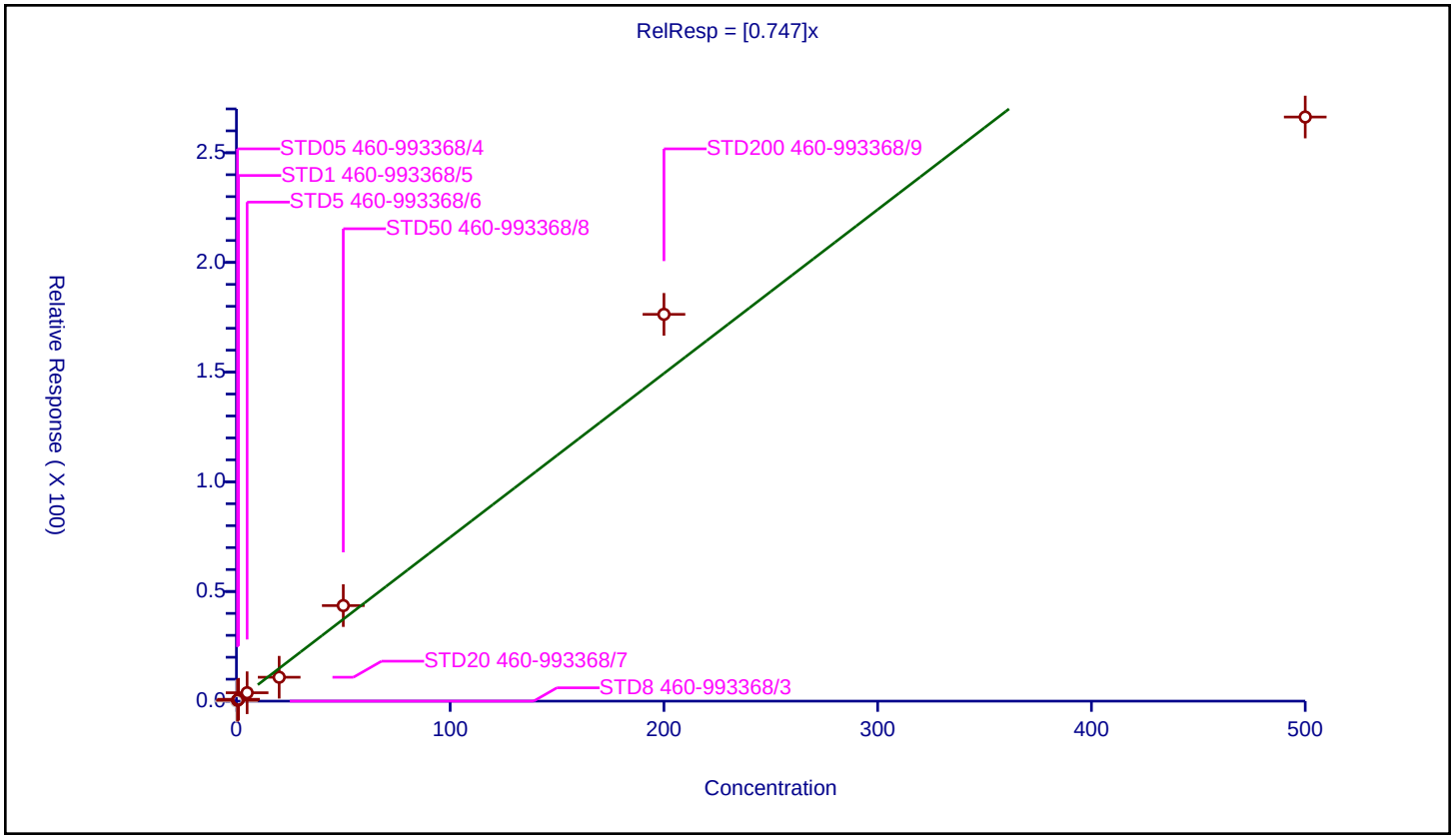
Curve Coefficients

Intercept:	0
Slope:	0.747

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.394027	50.0	767841.0	0.788054	Y
3	STD1 460-993368/5	1.0	0.844247	50.0	736870.0	0.844247	Y
4	STD5 460-993368/6	5.0	3.833141	50.0	753377.0	0.766628	Y
5	STD20 460-993368/7	20.0	10.892409	50.0	750665.0	0.54462	Y
6	STD50 460-993368/8	50.0	43.556193	50.0	760583.0	0.871124	Y
7	STD200 460-993368/9	200.0	176.329213	50.0	788850.0	0.881646	Y
8	STD500 460-993368/10	500.0	266.299532	50.0	838521.0	0.532599	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

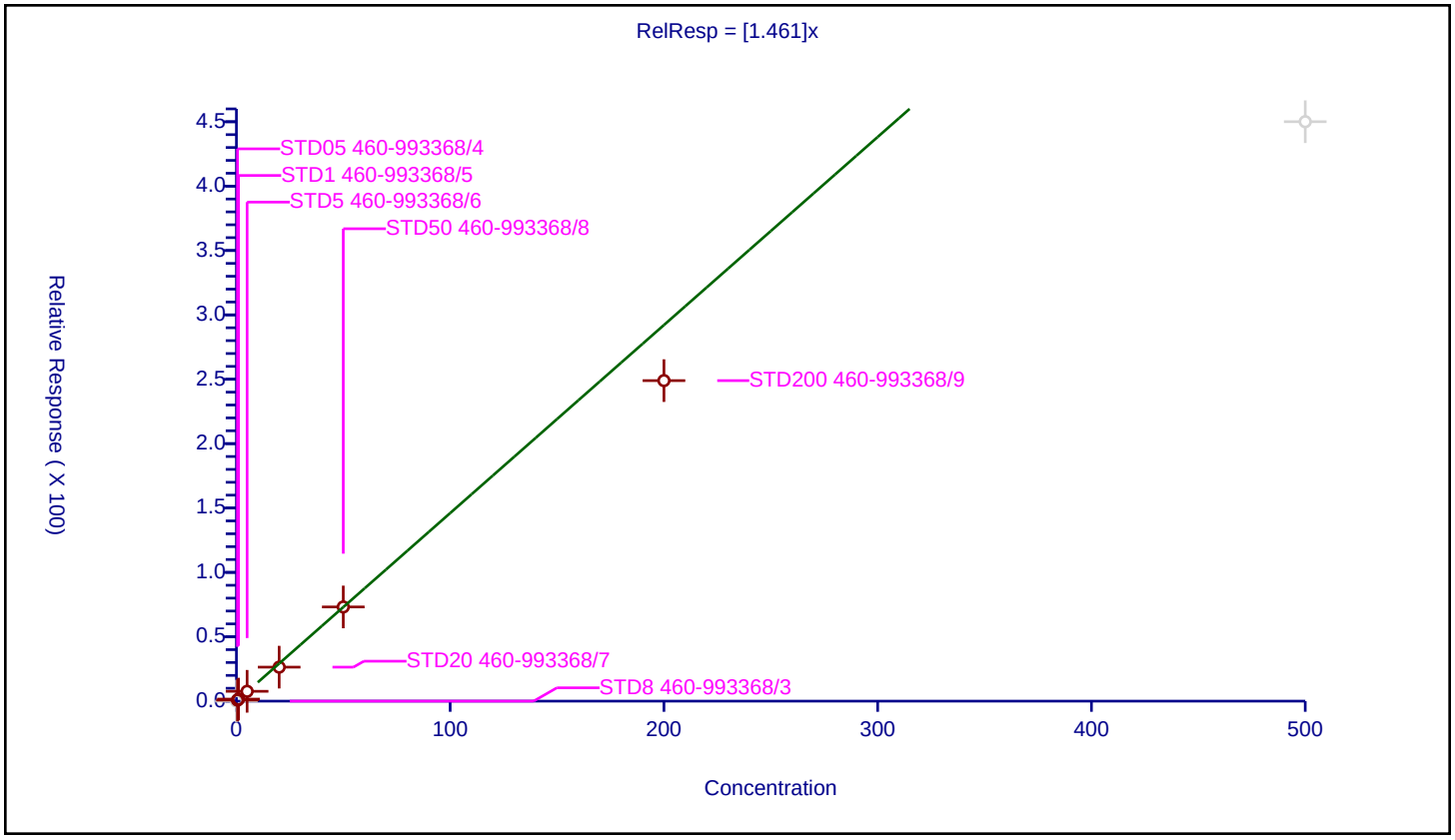
Curve Coefficients

Intercept:	0
Slope:	1.461

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.809024	50.0	529898.0	1.618047	Y
3	STD1 460-993368/5	1.0	1.586802	50.0	522214.0	1.586802	Y
4	STD5 460-993368/6	5.0	7.653782	50.0	538603.0	1.530756	Y
5	STD20 460-993368/7	20.0	26.406662	50.0	533106.0	1.320333	Y
6	STD50 460-993368/8	50.0	73.15189	50.0	539727.0	1.463038	Y
7	STD200 460-993368/9	200.0	248.948121	50.0	572119.0	1.244741	Y
8	STD500 460-993368/10	500.0	450.047849	50.0	611293.0	0.900096	N



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

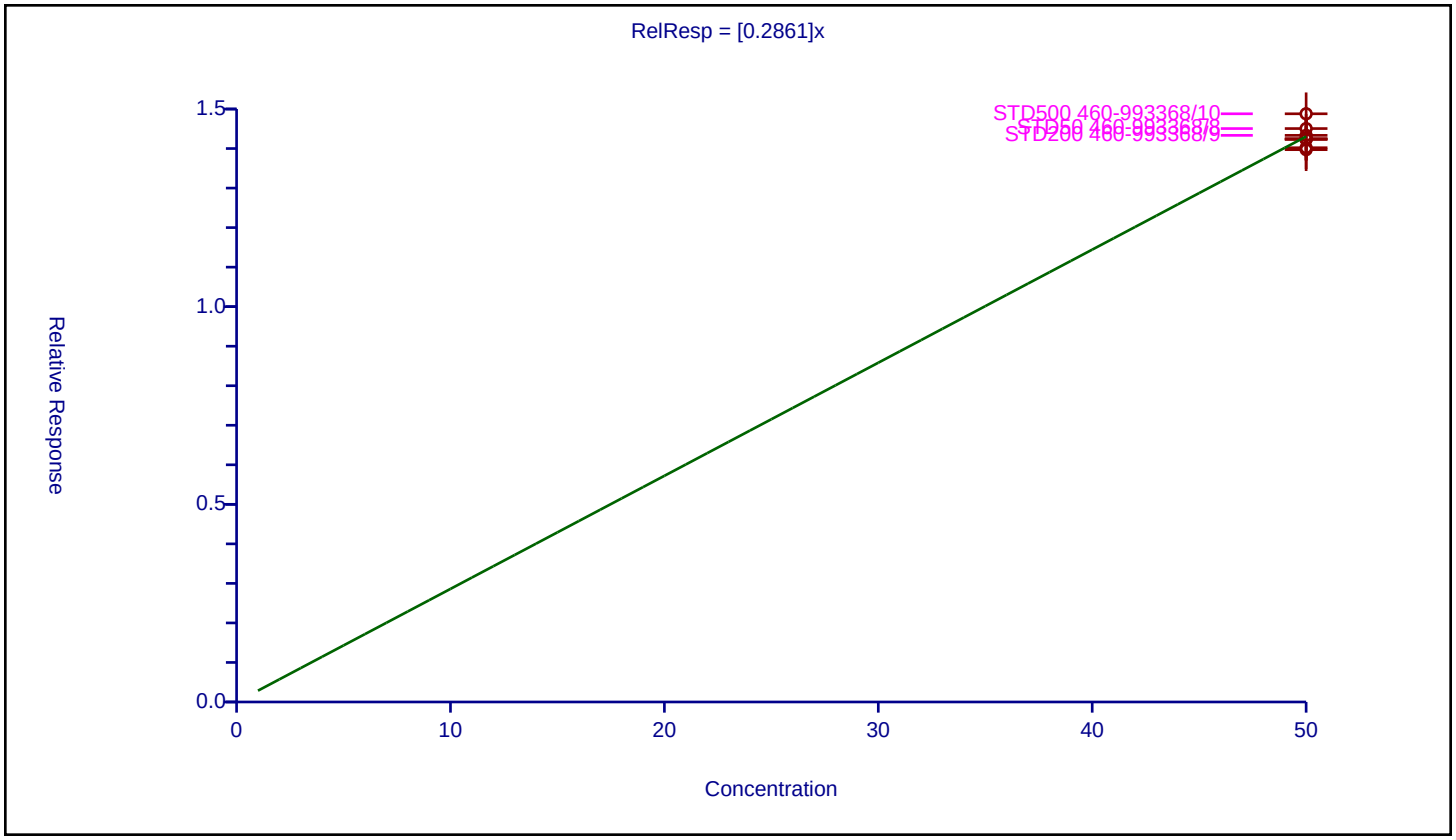
Curve Coefficients

Intercept:	0
Slope:	0.2861

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	14.229302	50.0	794663.0	0.284586	Y
2	STD05 460-993368/4	50.0	14.020741	50.0	767841.0	0.280415	Y
3	STD1 460-993368/5	50.0	14.24885	50.0	736870.0	0.284977	Y
4	STD5 460-993368/6	50.0	14.242471	50.0	753377.0	0.284849	Y
5	STD20 460-993368/7	50.0	13.971412	50.0	750665.0	0.279428	Y
6	STD50 460-993368/8	50.0	14.505386	50.0	760583.0	0.290108	Y
7	STD200 460-993368/9	50.0	14.33384	50.0	788850.0	0.286677	Y
8	STD500 460-993368/10	50.0	14.879472	50.0	838521.0	0.297589	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

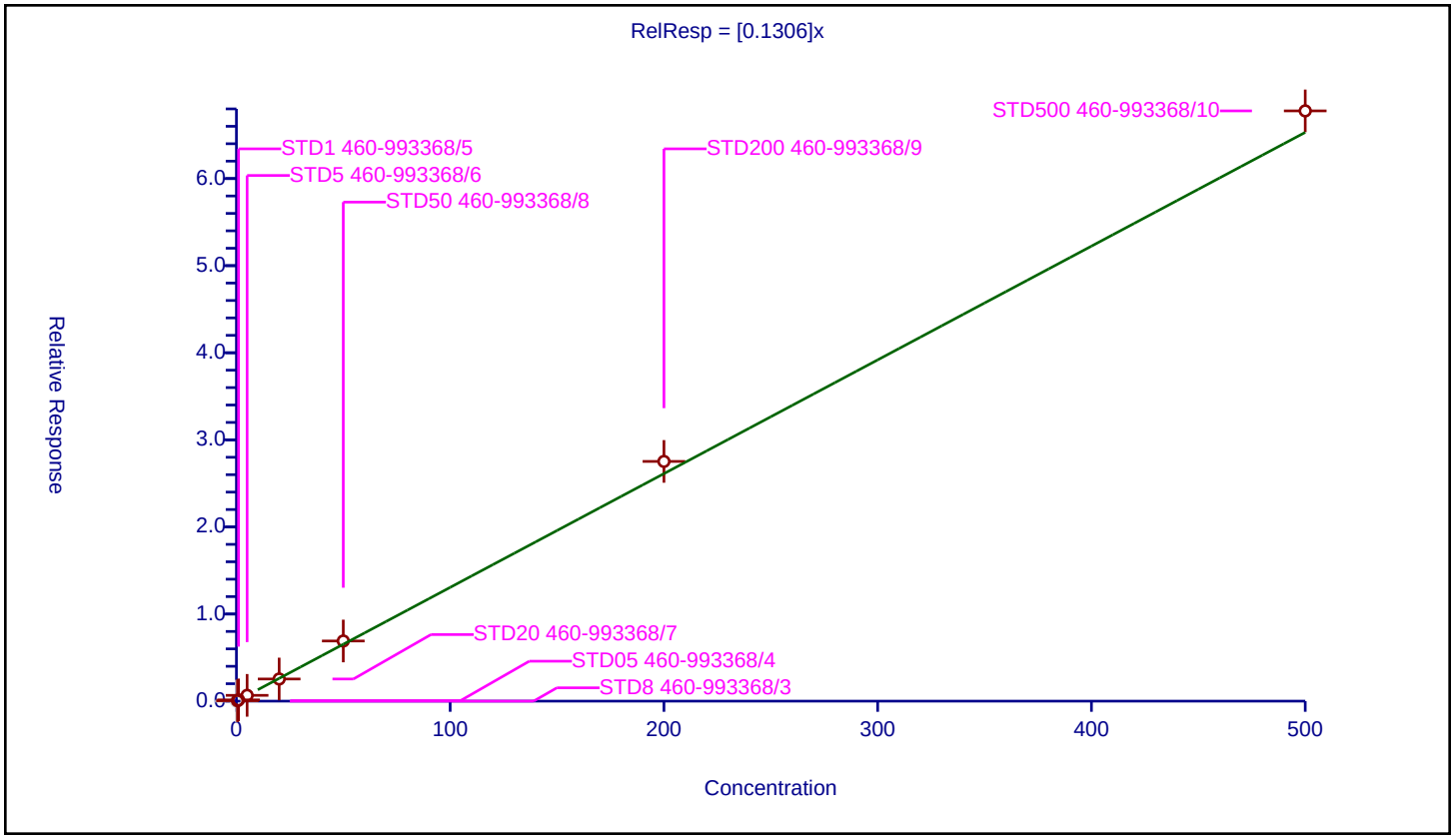
Curve Coefficients

Intercept:	0
Slope:	0.1306

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.050857	50.0	767841.0	0.101714	Y
3	STD1 460-993368/5	1.0	0.140934	50.0	736870.0	0.140934	Y
4	STD5 460-993368/6	5.0	0.666001	50.0	753377.0	0.1332	Y
5	STD20 460-993368/7	20.0	2.541613	50.0	750665.0	0.127081	Y
6	STD50 460-993368/8	50.0	6.907925	50.0	760583.0	0.138158	Y
7	STD200 460-993368/9	200.0	27.522913	50.0	788850.0	0.137615	Y
8	STD500 460-993368/10	500.0	67.770157	50.0	838521.0	0.13554	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

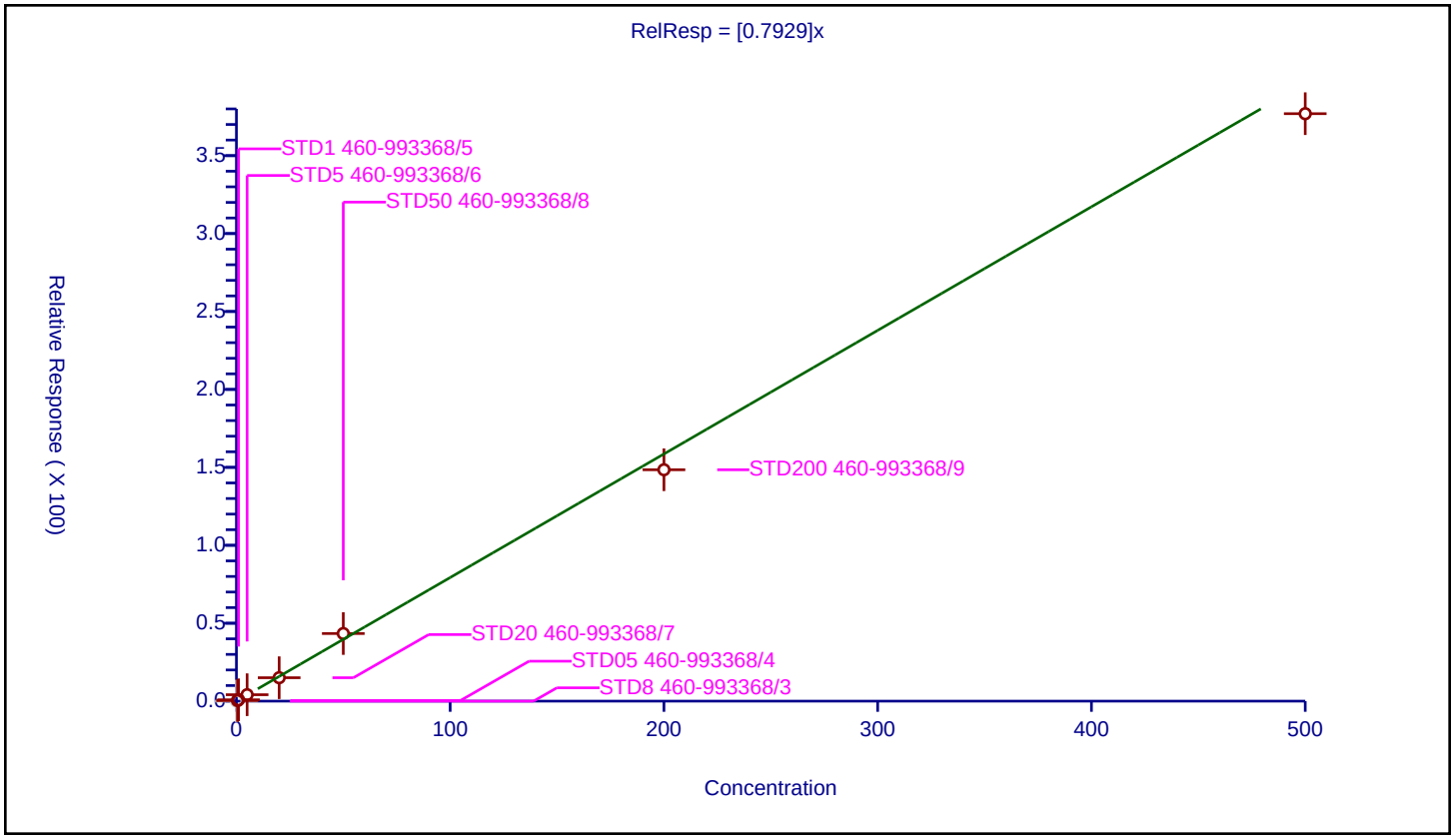
Curve Coefficients

Intercept:	0
Slope:	0.7929

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.370585	50.0	767841.0	0.741169	Y
3	STD1 460-993368/5	1.0	0.869285	50.0	736870.0	0.869285	Y
4	STD5 460-993368/6	5.0	4.123168	50.0	753377.0	0.824634	Y
5	STD20 460-993368/7	20.0	15.031339	50.0	750665.0	0.751567	Y
6	STD50 460-993368/8	50.0	43.385863	50.0	760583.0	0.867717	Y
7	STD200 460-993368/9	200.0	148.463269	50.0	788850.0	0.742316	Y
8	STD500 460-993368/10	500.0	376.917692	50.0	838521.0	0.753835	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

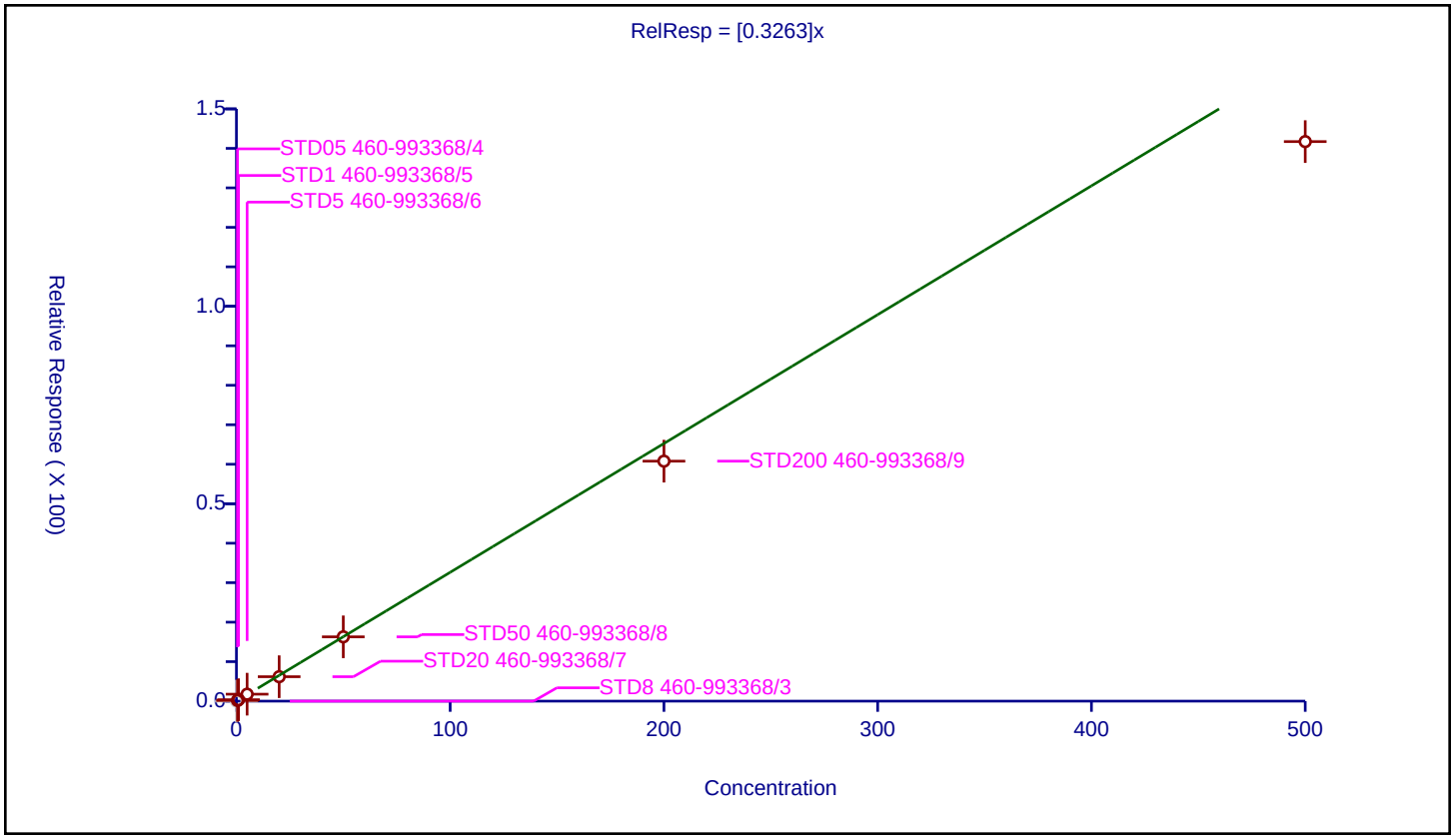
Curve Coefficients

Intercept:	0
Slope:	0.3263

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.173539	50.0	767841.0	0.347077	Y
3	STD1 460-993368/5	1.0	0.361801	50.0	736870.0	0.361801	Y
4	STD5 460-993368/6	5.0	1.762531	50.0	753377.0	0.352506	Y
5	STD20 460-993368/7	20.0	6.190511	50.0	750665.0	0.309526	Y
6	STD50 460-993368/8	50.0	16.286125	50.0	760583.0	0.325723	Y
7	STD200 460-993368/9	200.0	60.782405	50.0	788850.0	0.303912	Y
8	STD500 460-993368/10	500.0	141.716546	50.0	838521.0	0.283433	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

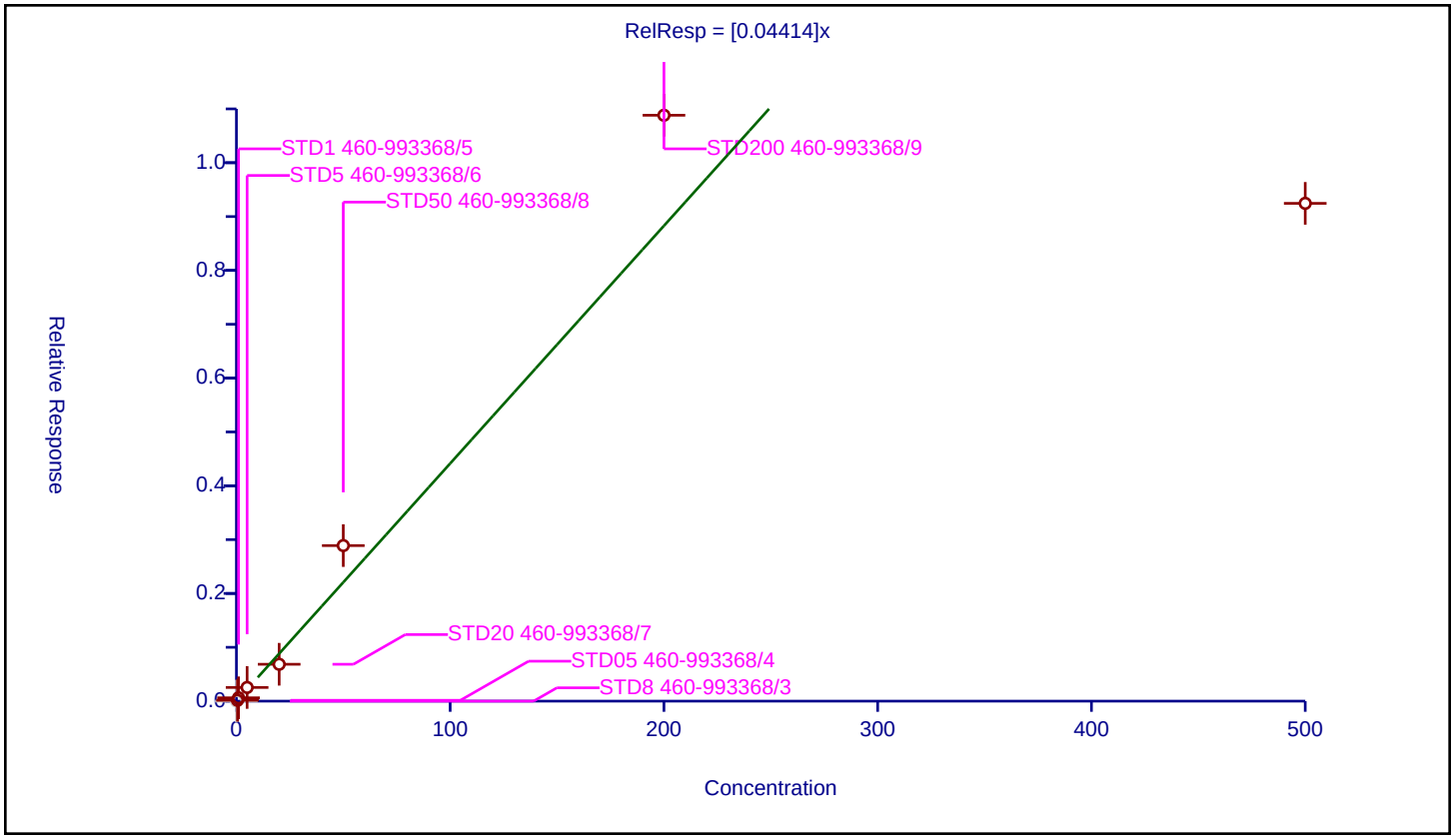
Curve Coefficients

Intercept:	0
Slope:	0.04414

Error Coefficients

Relative Standard Deviation:	36.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.015693	50.0	767841.0	0.031387	Y
3	STD1 460-993368/5	1.0	0.061883	50.0	736870.0	0.061883	Y
4	STD5 460-993368/6	5.0	0.254056	50.0	753377.0	0.050811	Y
5	STD20 460-993368/7	20.0	0.684793	50.0	750665.0	0.03424	Y
6	STD50 460-993368/8	50.0	2.889363	50.0	760583.0	0.057787	Y
7	STD200 460-993368/9	200.0	10.881663	50.0	788850.0	0.054408	Y
8	STD500 460-993368/10	500.0	9.245386	50.0	838521.0	0.018491	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

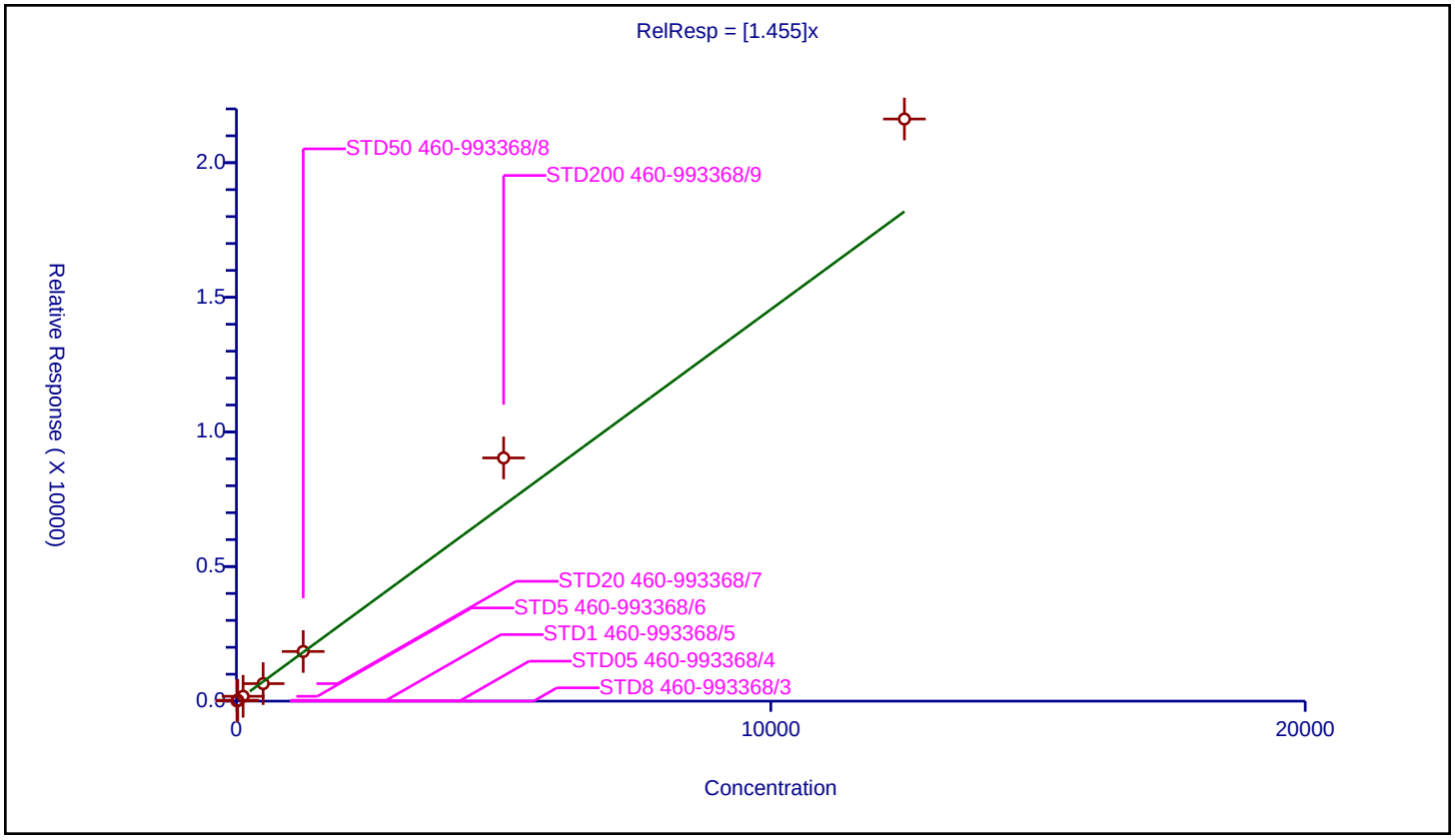
Curve Coefficients

Intercept:	0
Slope:	1.455

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	34478.0	NaN	N
2	STD05 460-993368/4	12.5	13.816756	1000.0	40820.0	1.105341	Y
3	STD1 460-993368/5	25.0	32.999455	1000.0	40334.0	1.319978	Y
4	STD5 460-993368/6	125.0	180.894992	1000.0	41654.0	1.44716	Y
5	STD20 460-993368/7	500.0	650.067729	1000.0	46509.0	1.300135	Y
6	STD50 460-993368/8	1250.0	1844.386282	1000.0	51962.0	1.475509	Y
7	STD200 460-993368/9	5000.0	9034.275905	1000.0	53011.0	1.806855	Y
8	STD500 460-993368/10	12500.0	21623.966323	1000.0	66752.0	1.729917	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

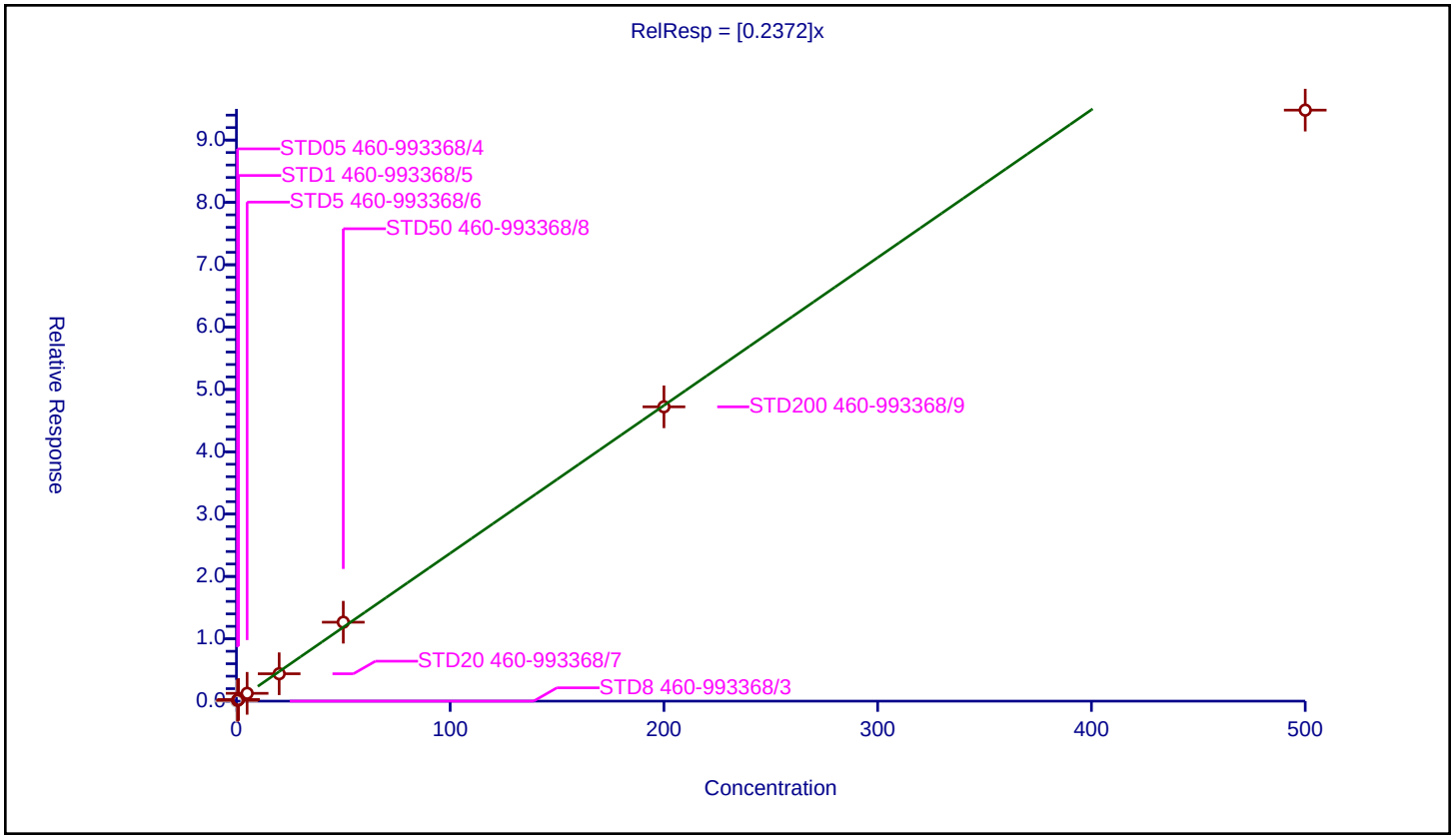
Curve Coefficients

Intercept:	0
Slope:	0.2372

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.125221	50.0	767841.0	0.250442	Y
3	STD1 460-993368/5	1.0	0.260222	50.0	736870.0	0.260222	Y
4	STD5 460-993368/6	5.0	1.254153	50.0	753377.0	0.250831	Y
5	STD20 460-993368/7	20.0	4.395036	50.0	750665.0	0.219752	Y
6	STD50 460-993368/8	50.0	12.661932	50.0	760583.0	0.253239	Y
7	STD200 460-993368/9	200.0	47.212398	50.0	788850.0	0.236062	Y
8	STD500 460-993368/10	500.0	94.802515	50.0	838521.0	0.189605	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

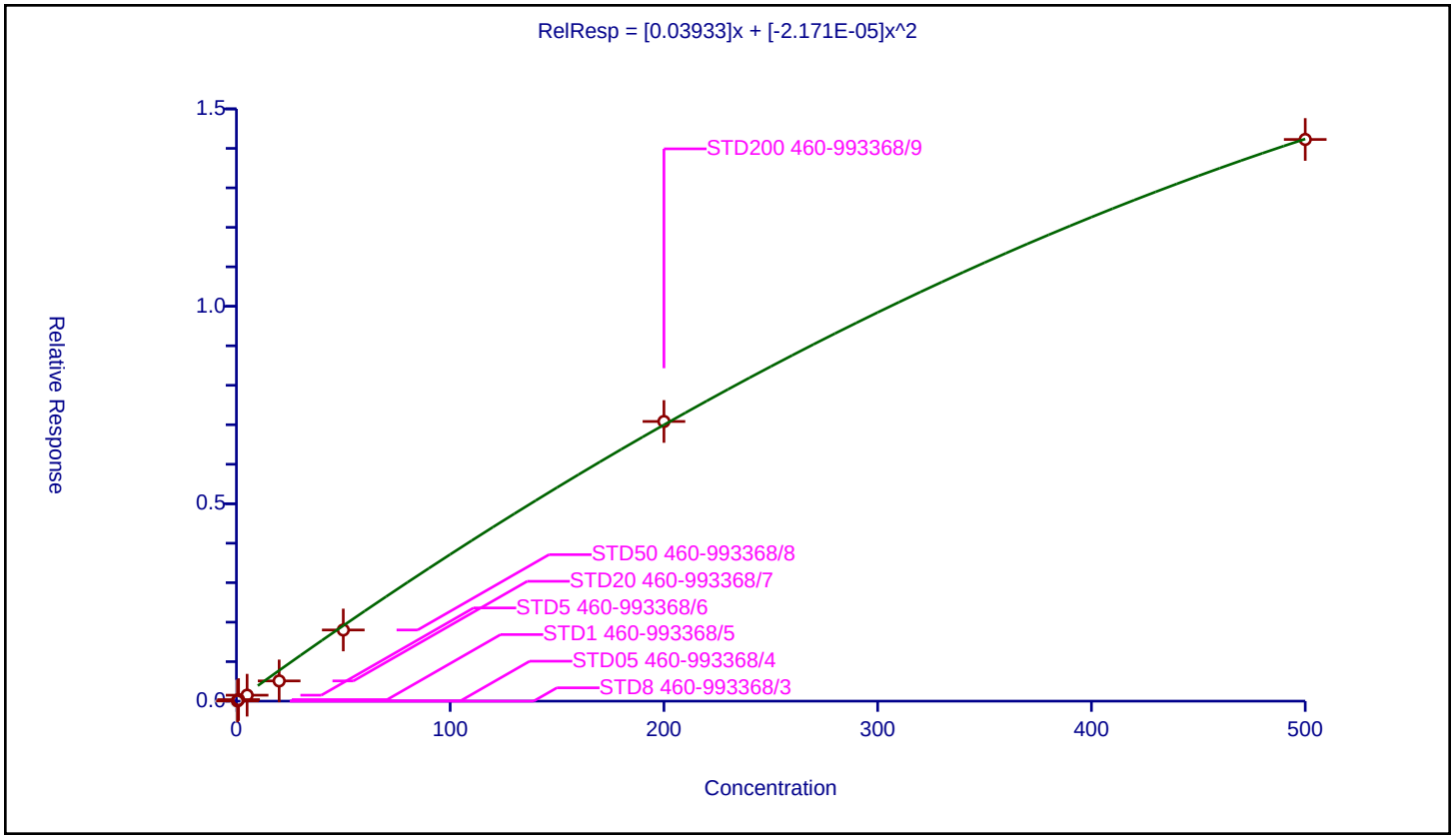
Curve Coefficients

Intercept:	0
Slope:	0.03933
Second Order:	-2.171E-05

Error Coefficients

Relative Standard Deviation:	36.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.005795	50.0	767841.0	0.011591	Y
3	STD1 460-993368/5	1.0	0.038813	50.0	736870.0	0.038813	Y
4	STD5 460-993368/6	5.0	0.150854	50.0	753377.0	0.030171	Y
5	STD20 460-993368/7	20.0	0.512412	50.0	750665.0	0.025621	Y
6	STD50 460-993368/8	50.0	1.801907	50.0	760583.0	0.036038	Y
7	STD200 460-993368/9	200.0	7.083539	50.0	788850.0	0.035418	Y
8	STD500 460-993368/10	500.0	14.225702	50.0	838521.0	0.028451	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

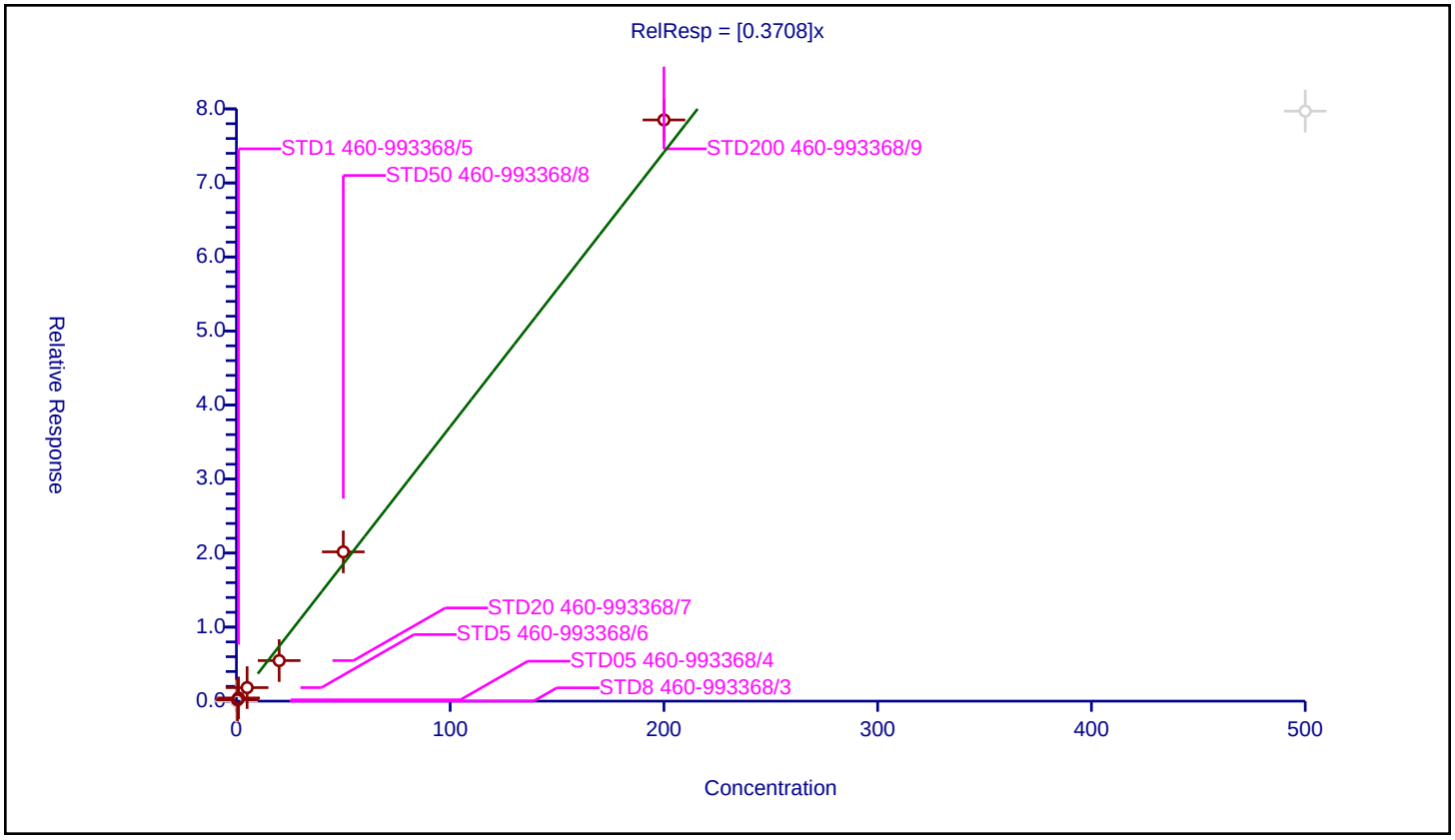
Curve Coefficients

Intercept:	0
Slope:	0.3708

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.180767	50.0	767841.0	0.361533	Y
3	STD1 460-993368/5	1.0	0.428298	50.0	736870.0	0.428298	Y
4	STD5 460-993368/6	5.0	1.826244	50.0	753377.0	0.365249	Y
5	STD20 460-993368/7	20.0	5.476078	50.0	750665.0	0.273804	Y
6	STD50 460-993368/8	50.0	20.161442	50.0	760583.0	0.403229	Y
7	STD200 460-993368/9	200.0	78.50694	50.0	788850.0	0.392535	Y
8	STD500 460-993368/10	500.0	79.697885	50.0	838521.0	0.159396	N



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

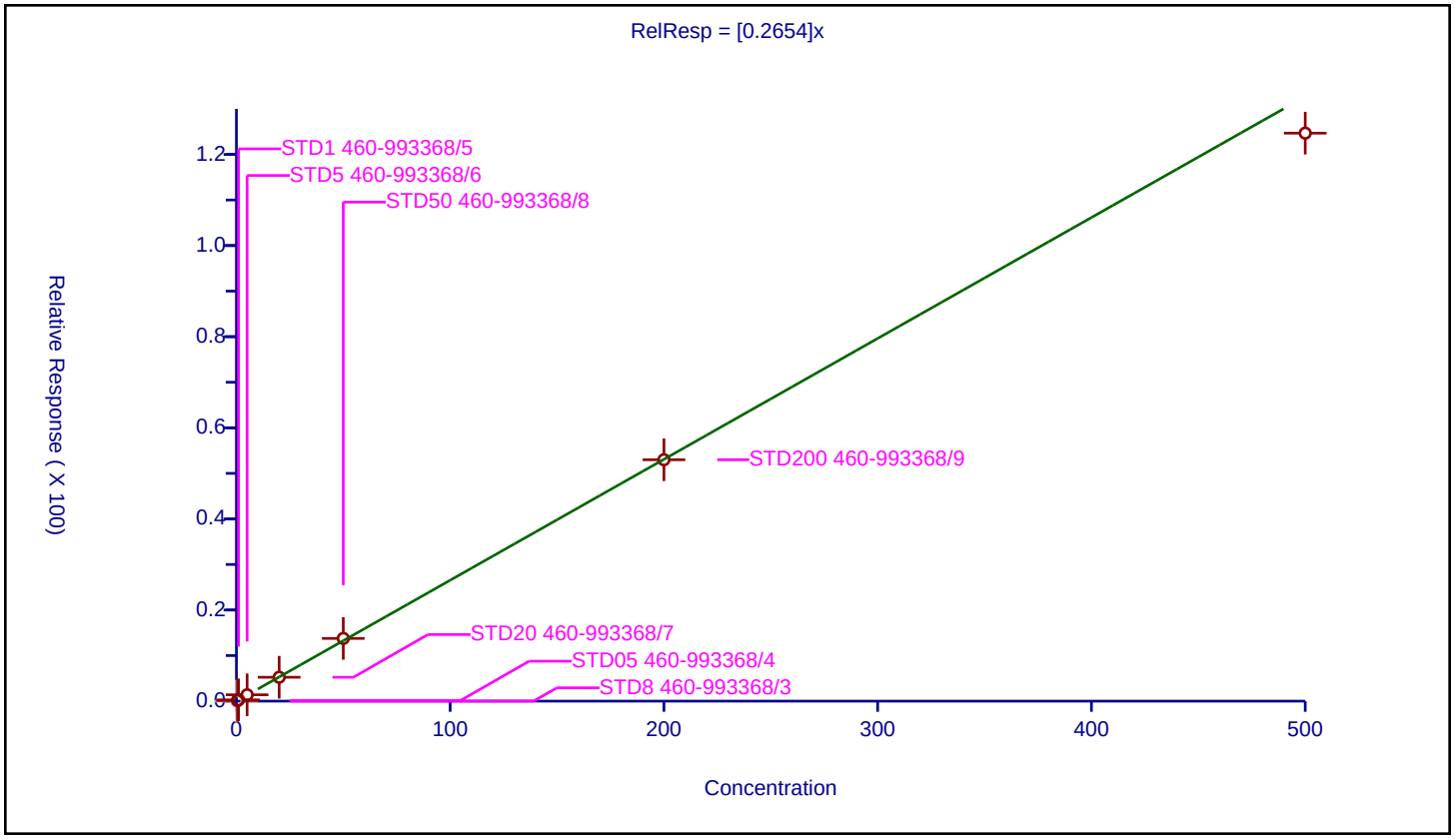
Curve Coefficients

Intercept:	0
Slope:	0.2654

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.124765	50.0	767841.0	0.249531	Y
3	STD1 460-993368/5	1.0	0.277593	50.0	736870.0	0.277593	Y
4	STD5 460-993368/6	5.0	1.394786	50.0	753377.0	0.278957	Y
5	STD20 460-993368/7	20.0	5.242751	50.0	750665.0	0.262138	Y
6	STD50 460-993368/8	50.0	13.762535	50.0	760583.0	0.275251	Y
7	STD200 460-993368/9	200.0	52.989922	50.0	788850.0	0.26495	Y
8	STD500 460-993368/10	500.0	124.674695	50.0	838521.0	0.249349	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

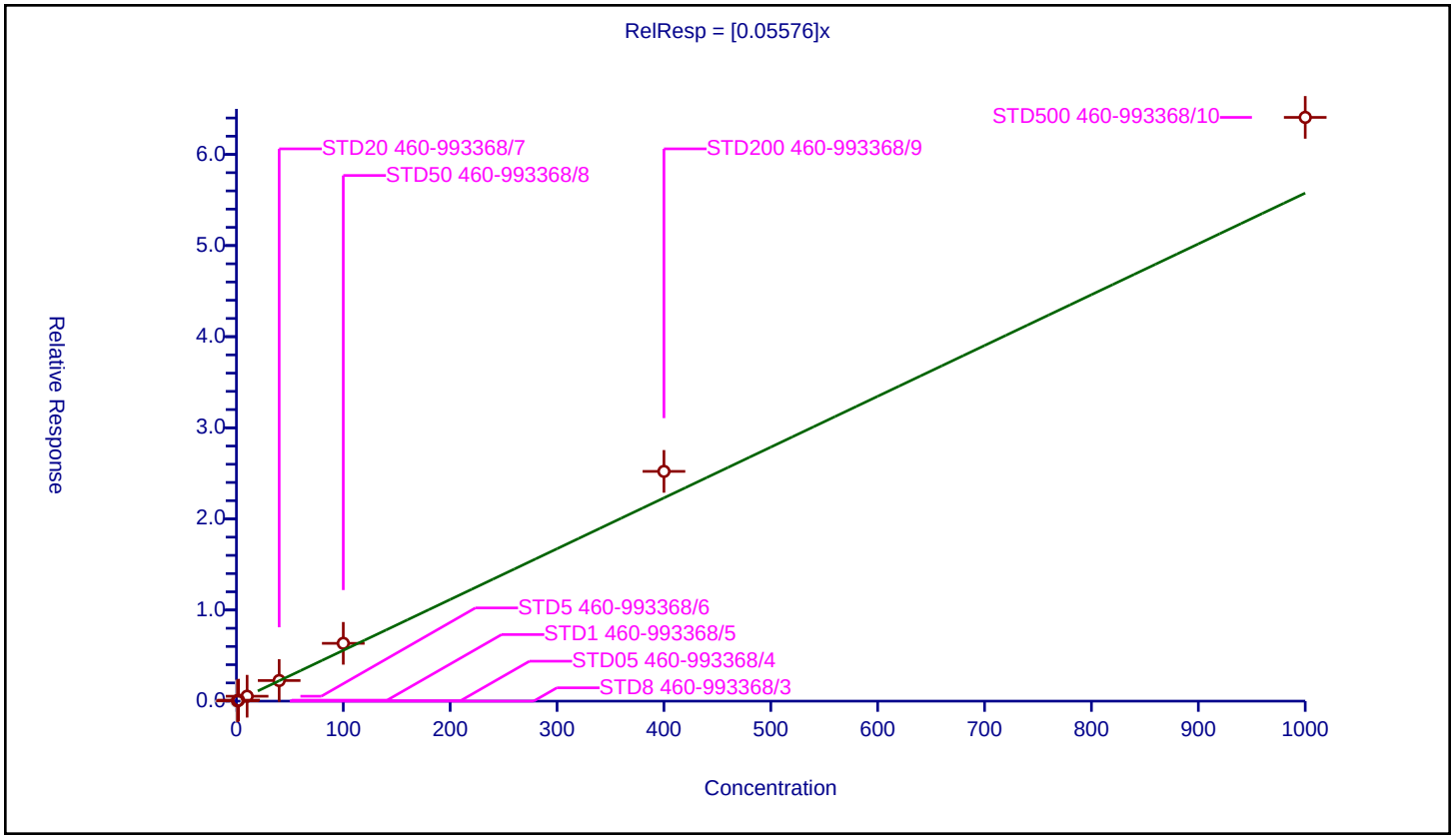
Curve Coefficients

Intercept:	0
Slope:	0.05576

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.036466	50.0	767841.0	0.036466	Y
3	STD1 460-993368/5	2.0	0.105446	50.0	736870.0	0.052723	Y
4	STD5 460-993368/6	10.0	0.540168	50.0	753377.0	0.054017	Y
5	STD20 460-993368/7	40.0	2.261861	50.0	750665.0	0.056547	Y
6	STD50 460-993368/8	100.0	6.345461	50.0	760583.0	0.063455	Y
7	STD200 460-993368/9	400.0	25.215377	50.0	788850.0	0.063038	Y
8	STD500 460-993368/10	1000.0	64.067149	50.0	838521.0	0.064067	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

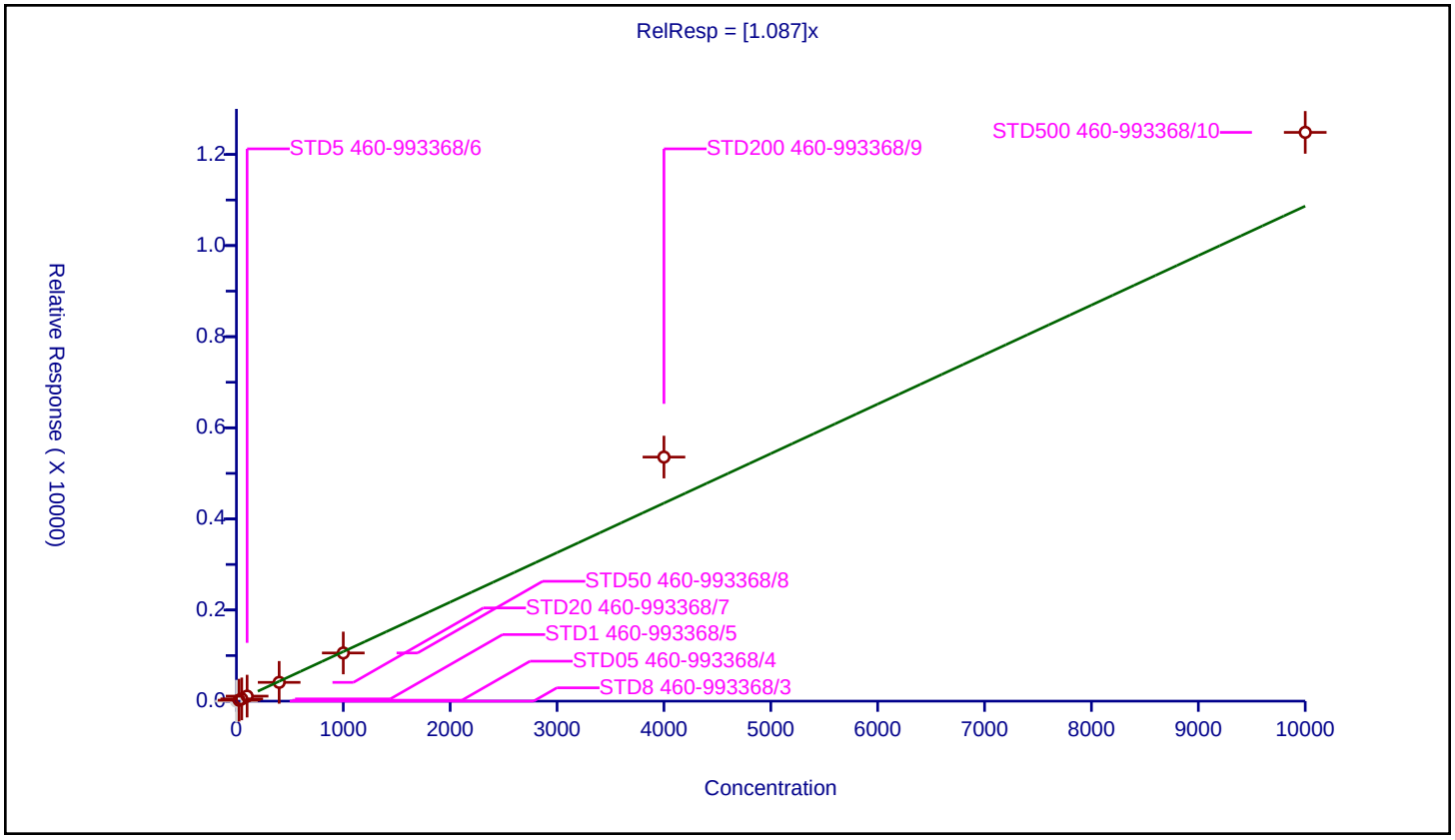
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	1000.0	29940.0	NaN	N
2	STD05 460-993368/4	25.000031	20.930841	1000.0	34399.0	0.837233	Y
3	STD1 460-993368/5	50.000062	49.678274	1000.0	31704.0	0.993564	Y
4	STD5 460-993368/6	100.0	110.079648	1000.0	36410.0	1.100796	Y
5	STD20 460-993368/7	400.0	412.027561	1000.0	34687.0	1.030069	Y
6	STD50 460-993368/8	1000.0	1057.114747	1000.0	38624.0	1.057115	Y
7	STD200 460-993368/9	4000.0	5356.963675	1000.0	30695.0	1.339241	Y
8	STD500 460-993368/10	10000.0	12484.393467	1000.0	37228.0	1.248439	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

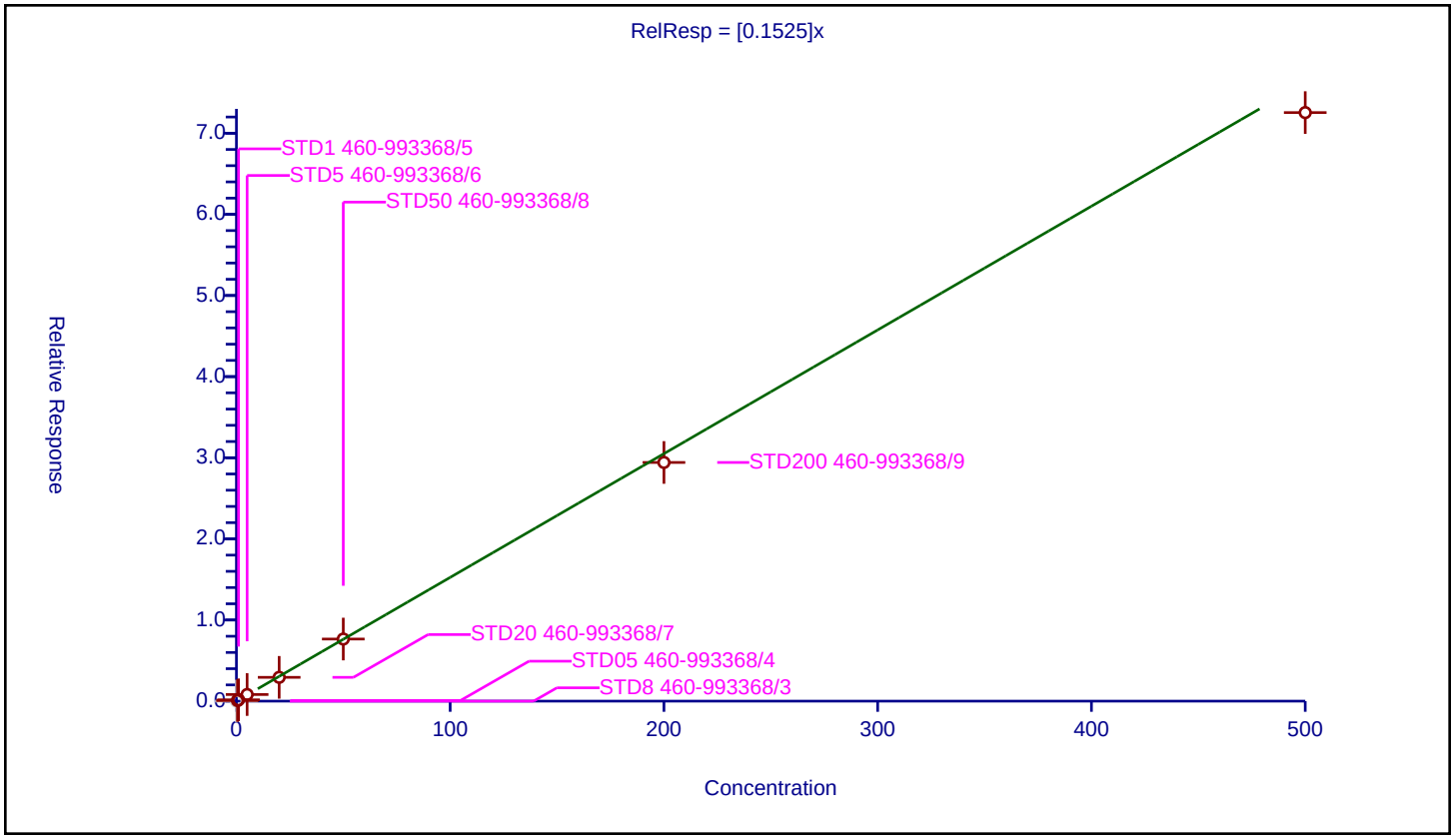
Curve Coefficients

Intercept:	0
Slope:	0.1525

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.075341	50.0	767841.0	0.150682	Y
3	STD1 460-993368/5	1.0	0.161494	50.0	736870.0	0.161494	Y
4	STD5 460-993368/6	5.0	0.817054	50.0	753377.0	0.163411	Y
5	STD20 460-993368/7	20.0	2.934132	50.0	750665.0	0.146707	Y
6	STD50 460-993368/8	50.0	7.65472	50.0	760583.0	0.153094	Y
7	STD200 460-993368/9	200.0	29.419091	50.0	788850.0	0.147095	Y
8	STD500 460-993368/10	500.0	72.543562	50.0	838521.0	0.145087	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

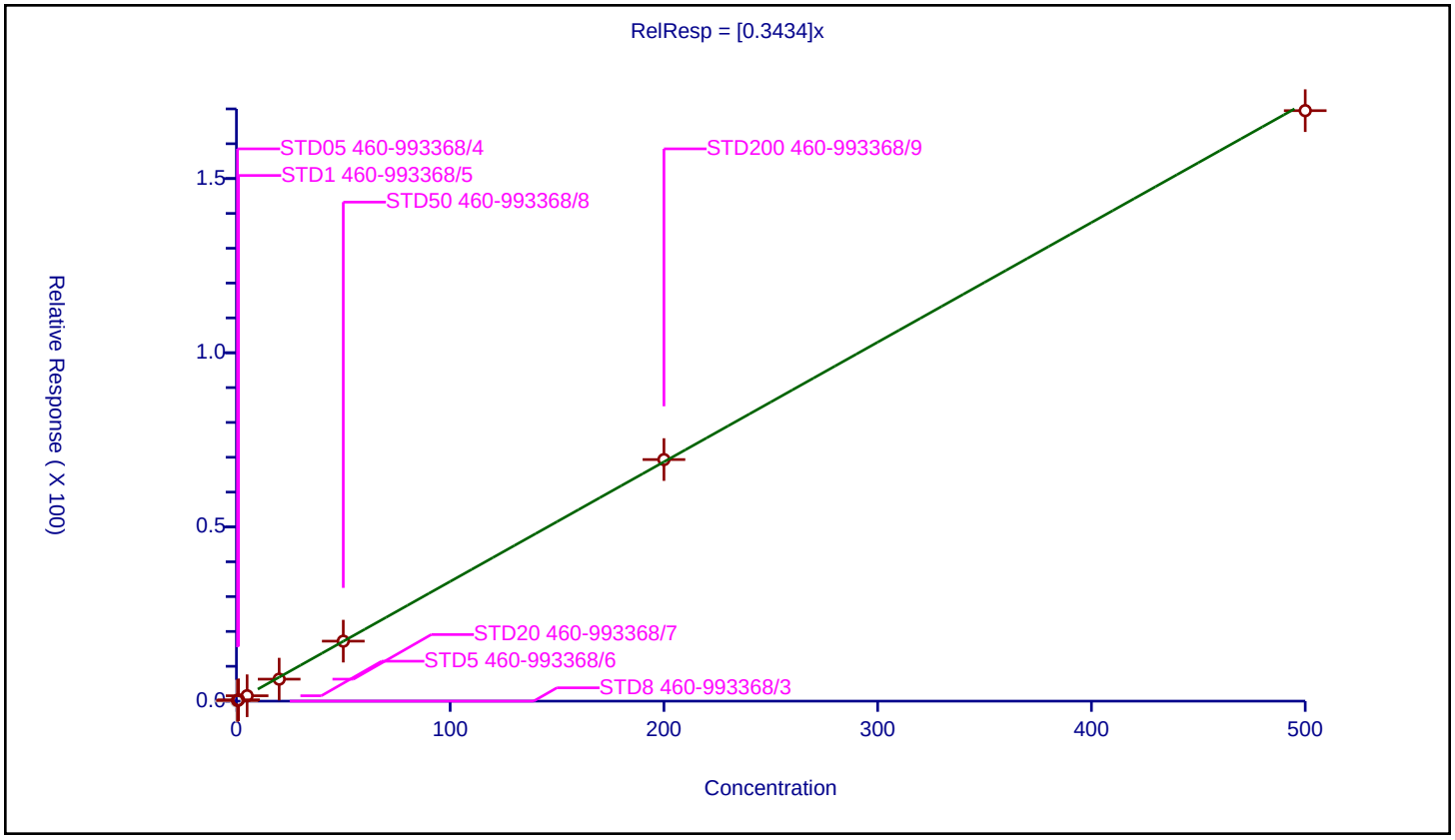
Curve Coefficients

Intercept:	0
Slope:	0.3434

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.186888	50.0	767841.0	0.373775	Y
3	STD1 460-993368/5	1.0	0.375439	50.0	736870.0	0.375439	Y
4	STD5 460-993368/6	5.0	1.546901	50.0	753377.0	0.30938	Y
5	STD20 460-993368/7	20.0	6.308606	50.0	750665.0	0.31543	Y
6	STD50 460-993368/8	50.0	17.220737	50.0	760583.0	0.344415	Y
7	STD200 460-993368/9	200.0	69.340876	50.0	788850.0	0.346704	Y
8	STD500 460-993368/10	500.0	169.493549	50.0	838521.0	0.338987	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

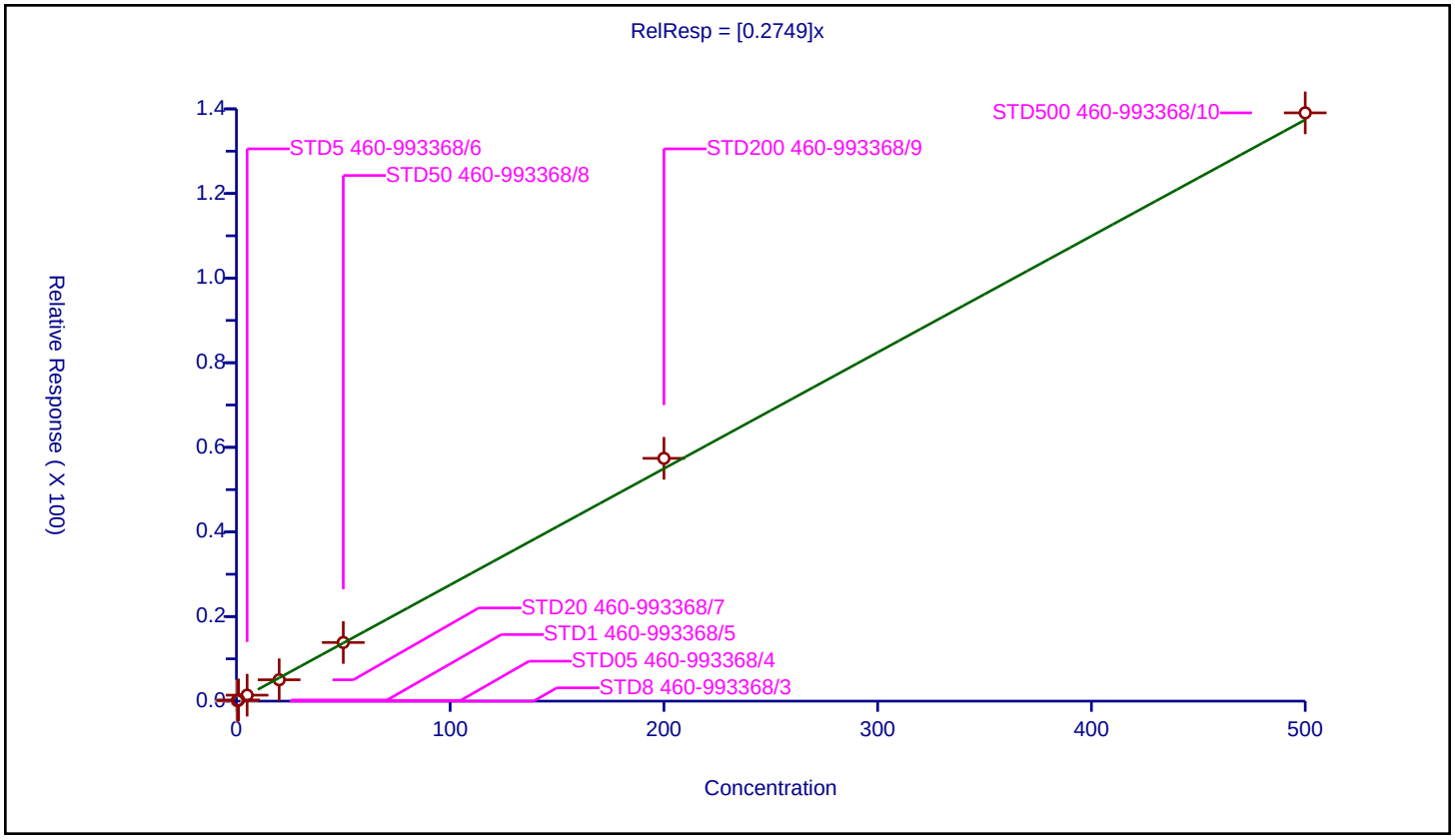
Curve Coefficients

Intercept:	0
Slope:	0.2749

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5	0.137008	50.0	767841.0	0.274015	Y
3	STD1 460-993368/5	1.0	0.272775	50.0	736870.0	0.272775	Y
4	STD5 460-993368/6	5.0	1.410648	50.0	753377.0	0.28213	Y
5	STD20 460-993368/7	20.0	5.052054	50.0	750665.0	0.252603	Y
6	STD50 460-993368/8	50.0	13.86844	50.0	760583.0	0.277369	Y
7	STD200 460-993368/9	200.0	57.398301	50.0	788850.0	0.286992	Y
8	STD500 460-993368/10	500.0	139.063124	50.0	838521.0	0.278126	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

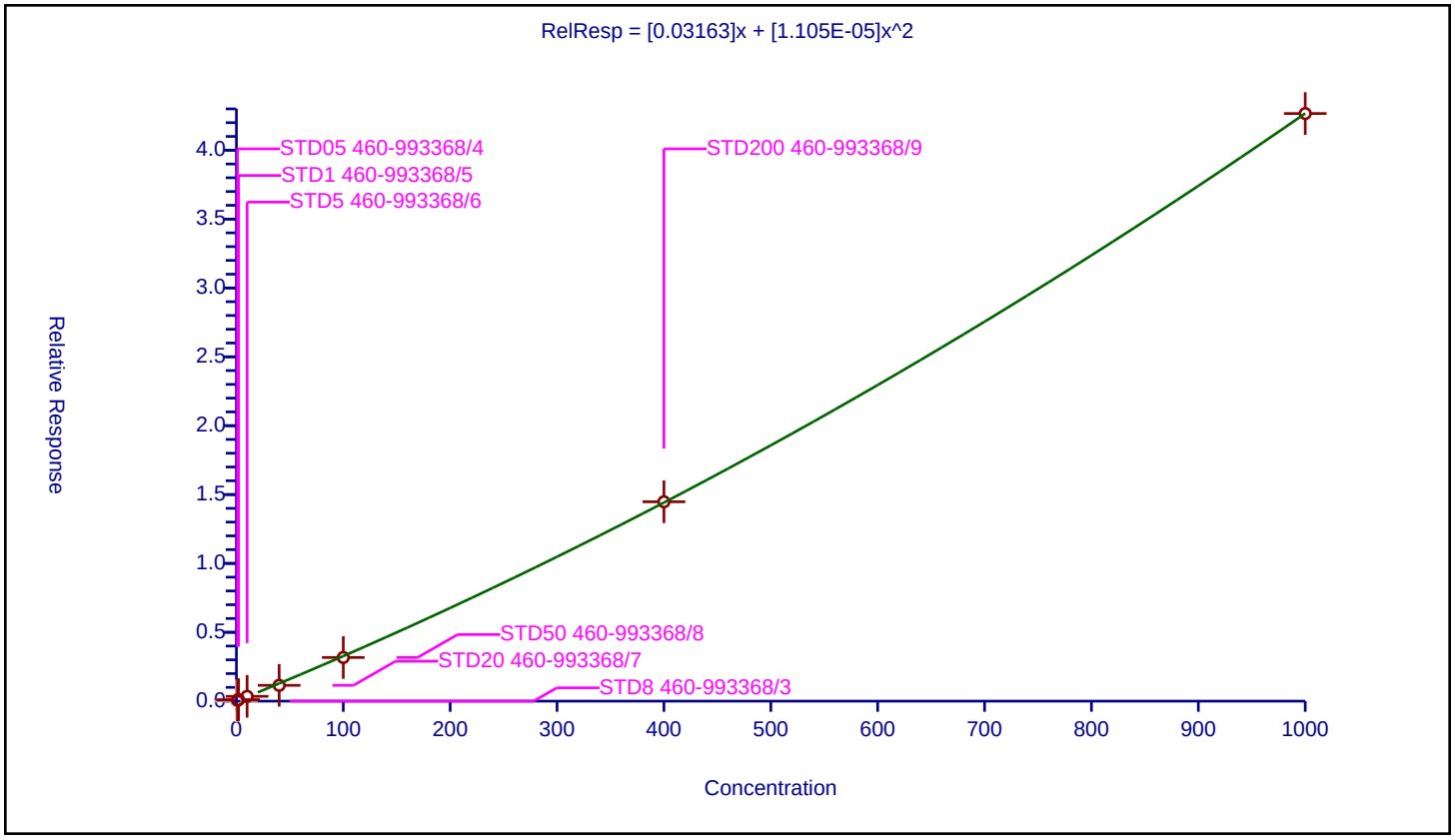
Curve Coefficients

Intercept:	0
Slope:	0.03163
Second Order:	1.105E-05

Error Coefficients

Relative Standard Deviation:	65.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	1.0	0.072606	50.0	767841.0	0.072606	Y
3	STD1 460-993368/5	2.0	0.10531	50.0	736870.0	0.052655	Y
4	STD5 460-993368/6	10.0	0.348232	50.0	753377.0	0.034823	Y
5	STD20 460-993368/7	40.0	1.148382	50.0	750665.0	0.02871	Y
6	STD50 460-993368/8	100.0	3.169214	50.0	760583.0	0.031692	Y
7	STD200 460-993368/9	400.0	14.476073	50.0	788850.0	0.03619	Y
8	STD500 460-993368/10	1000.0	42.662676	50.0	838521.0	0.042663	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

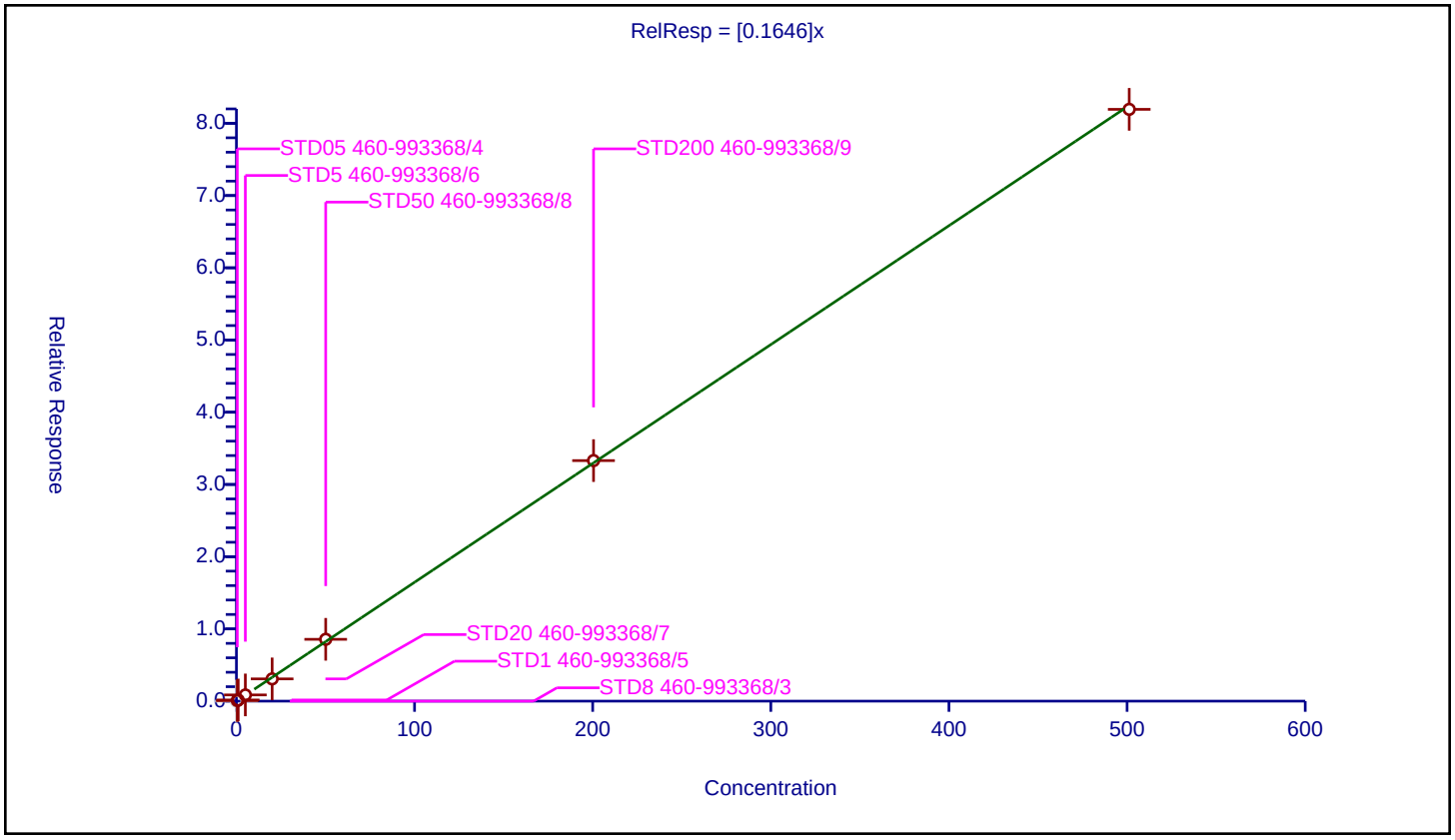
Curve Coefficients

Intercept:	0
Slope:	0.1646

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	794663.0	NaN	N
2	STD05 460-993368/4	0.5012	0.082569	50.0	767841.0	0.164743	Y
3	STD1 460-993368/5	1.0024	0.162105	50.0	736870.0	0.161716	Y
4	STD5 460-993368/6	5.012	0.859264	50.0	753377.0	0.171441	Y
5	STD20 460-993368/7	20.048	3.079736	50.0	750665.0	0.153618	Y
6	STD50 460-993368/8	50.12	8.561459	50.0	760583.0	0.170819	Y
7	STD200 460-993368/9	200.48	33.305825	50.0	788850.0	0.16613	Y
8	STD500 460-993368/10	501.2	81.938377	50.0	838521.0	0.163484	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

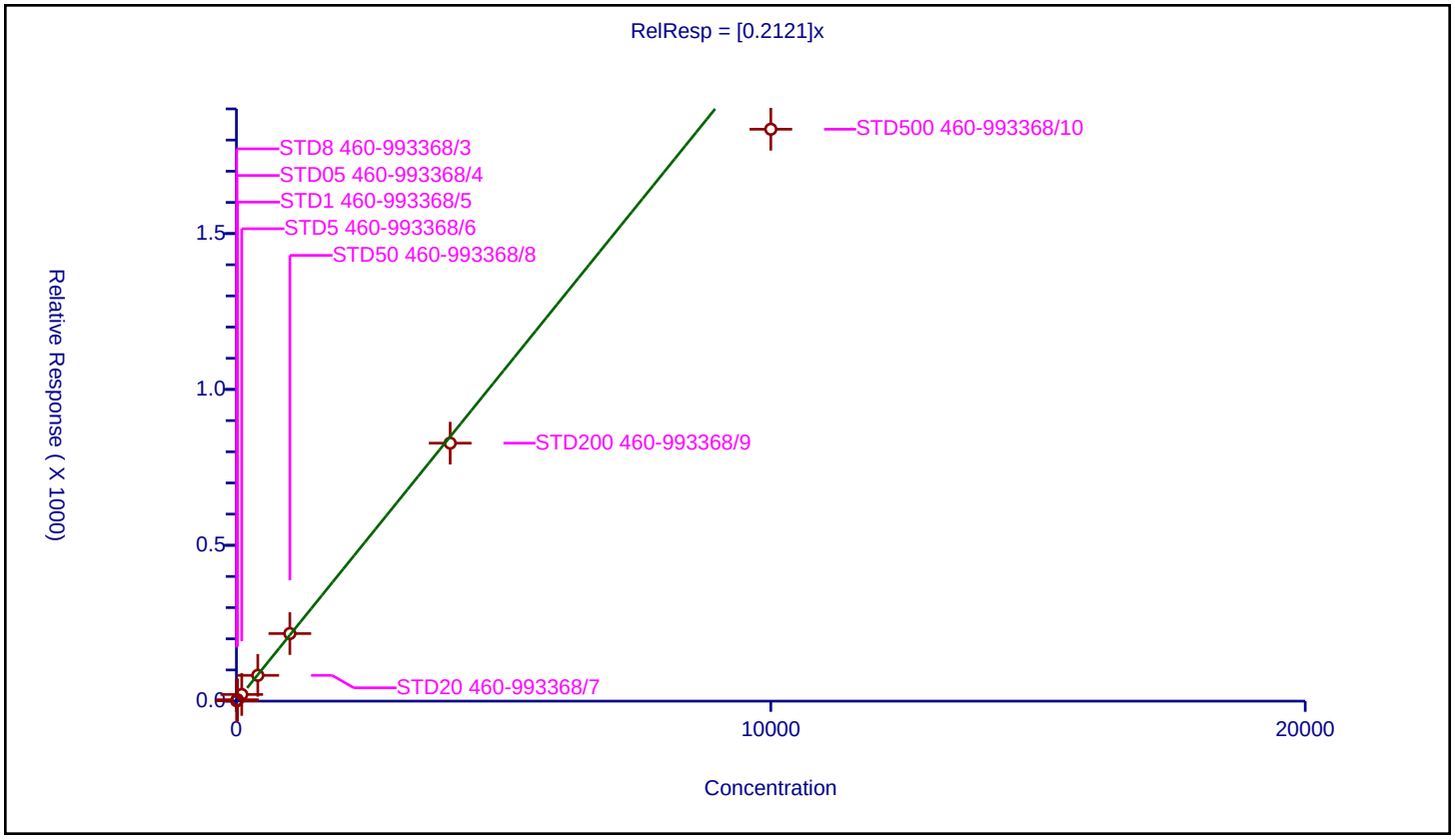
Curve Coefficients

Intercept:	0
Slope:	0.2121

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	5.000009	1.098436	250.0	419005.0	0.219687	Y
2	STD05 460-993368/4	10.000017	2.269877	250.0	395506.0	0.226987	Y
3	STD1 460-993368/5	20.000035	4.441459	250.0	398180.0	0.222073	Y
4	STD5 460-993368/6	100.000173	21.381361	250.0	406838.0	0.213813	Y
5	STD20 460-993368/7	400.000692	82.793073	250.0	409216.0	0.206982	Y
6	STD50 460-993368/8	1000.00173	216.848215	250.0	425965.0	0.216848	Y
7	STD200 460-993368/9	4000.00692	827.64621	250.0	444806.0	0.206911	Y
8	STD500 460-993368/10	10000.0173	1834.743331	250.0	496691.0	0.183474	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

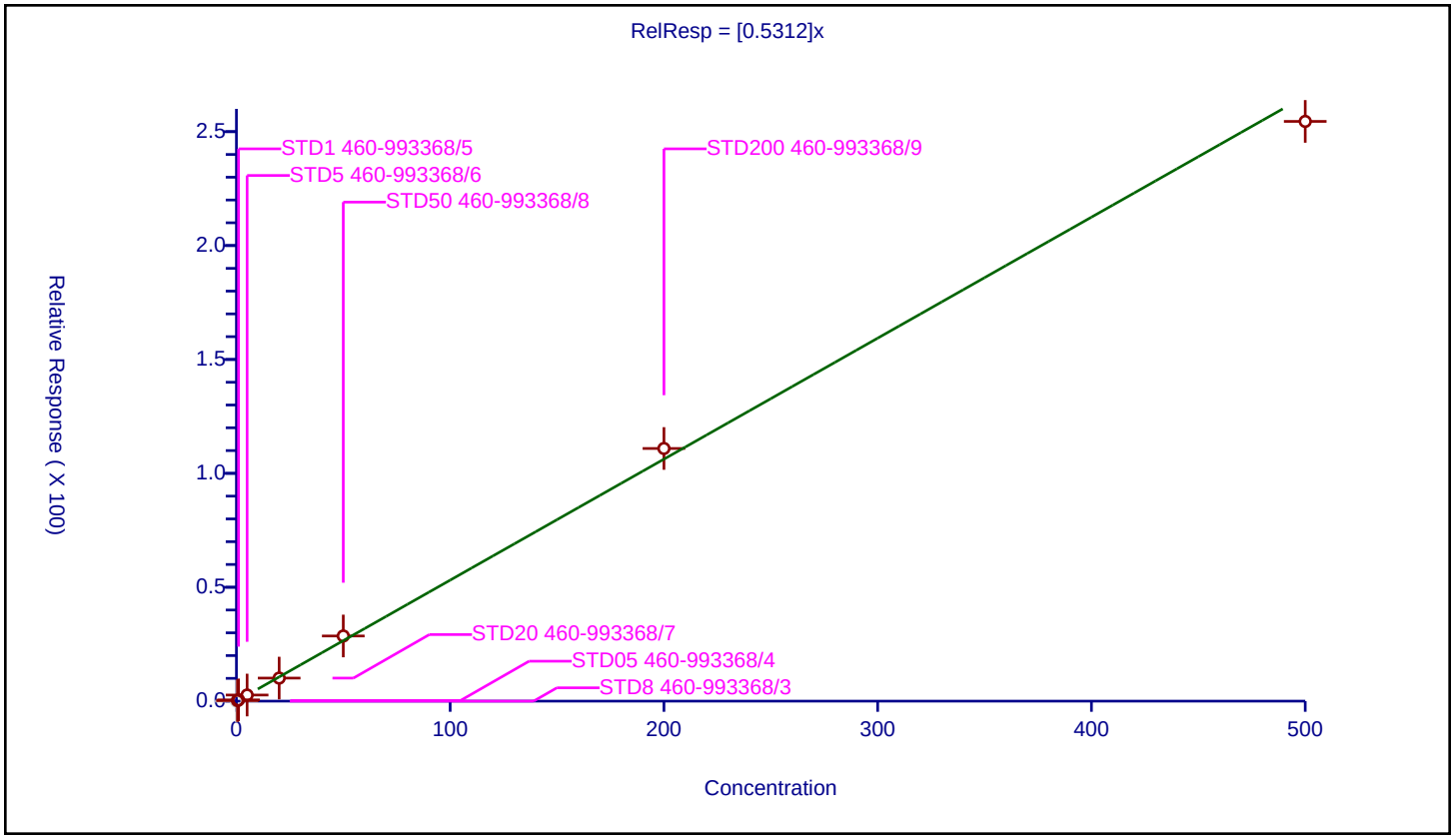
Curve Coefficients

Intercept:	0
Slope:	0.5312

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.248067	50.0	529898.0	0.496133	Y
3	STD1 460-993368/5	1.0	0.543838	50.0	522214.0	0.543838	Y
4	STD5 460-993368/6	5.0	2.681196	50.0	538603.0	0.536239	Y
5	STD20 460-993368/7	20.0	10.125566	50.0	533106.0	0.506278	Y
6	STD50 460-993368/8	50.0	28.603349	50.0	539727.0	0.572067	Y
7	STD200 460-993368/9	200.0	110.918795	50.0	572119.0	0.554594	Y
8	STD500 460-993368/10	500.0	254.503323	50.0	611293.0	0.509007	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

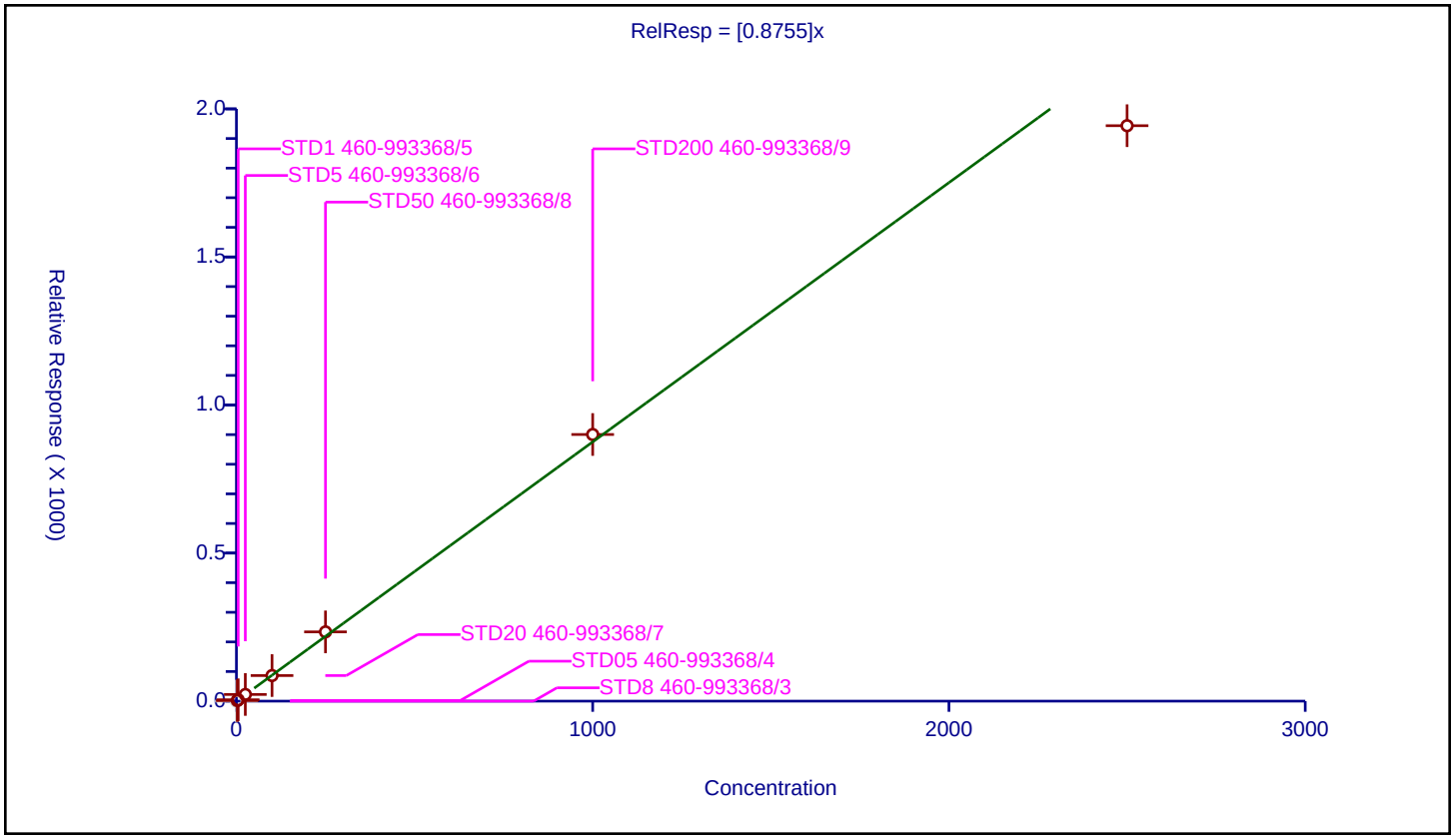
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	2.055595	250.0	395506.0	0.822238	Y
3	STD1 460-993368/5	5.0	4.634839	250.0	398180.0	0.926968	Y
4	STD5 460-993368/6	25.0	22.5446	250.0	406838.0	0.901784	Y
5	STD20 460-993368/7	100.0	86.396915	250.0	409216.0	0.863969	Y
6	STD50 460-993368/8	250.0	233.873088	250.0	425965.0	0.935492	Y
7	STD200 460-993368/9	1000.0	900.43075	250.0	444806.0	0.900431	Y
8	STD500 460-993368/10	2500.0	1943.216708	250.0	496691.0	0.777287	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

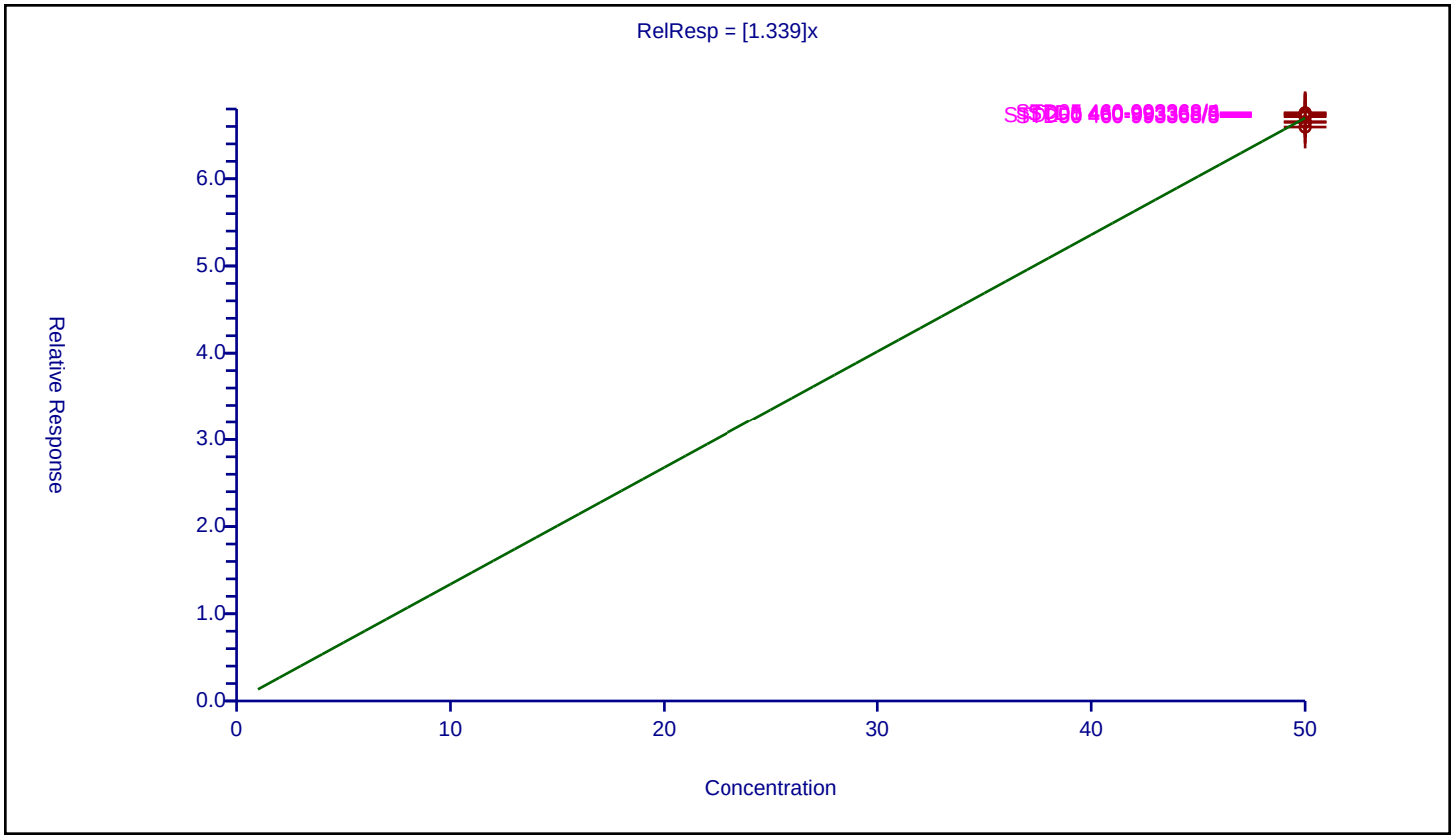
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	67.437362	50.0	565550.0	1.348747	Y
2	STD05 460-993368/4	50.0	67.570457	50.0	529898.0	1.351409	Y
3	STD1 460-993368/5	50.0	67.425615	50.0	522214.0	1.348512	Y
4	STD5 460-993368/6	50.0	65.934092	50.0	538603.0	1.318682	Y
5	STD20 460-993368/7	50.0	66.471959	50.0	533106.0	1.329439	Y
6	STD50 460-993368/8	50.0	67.12097	50.0	539727.0	1.342419	Y
7	STD200 460-993368/9	50.0	67.233565	50.0	572119.0	1.344671	Y
8	STD500 460-993368/10	50.0	66.546566	50.0	611293.0	1.330931	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

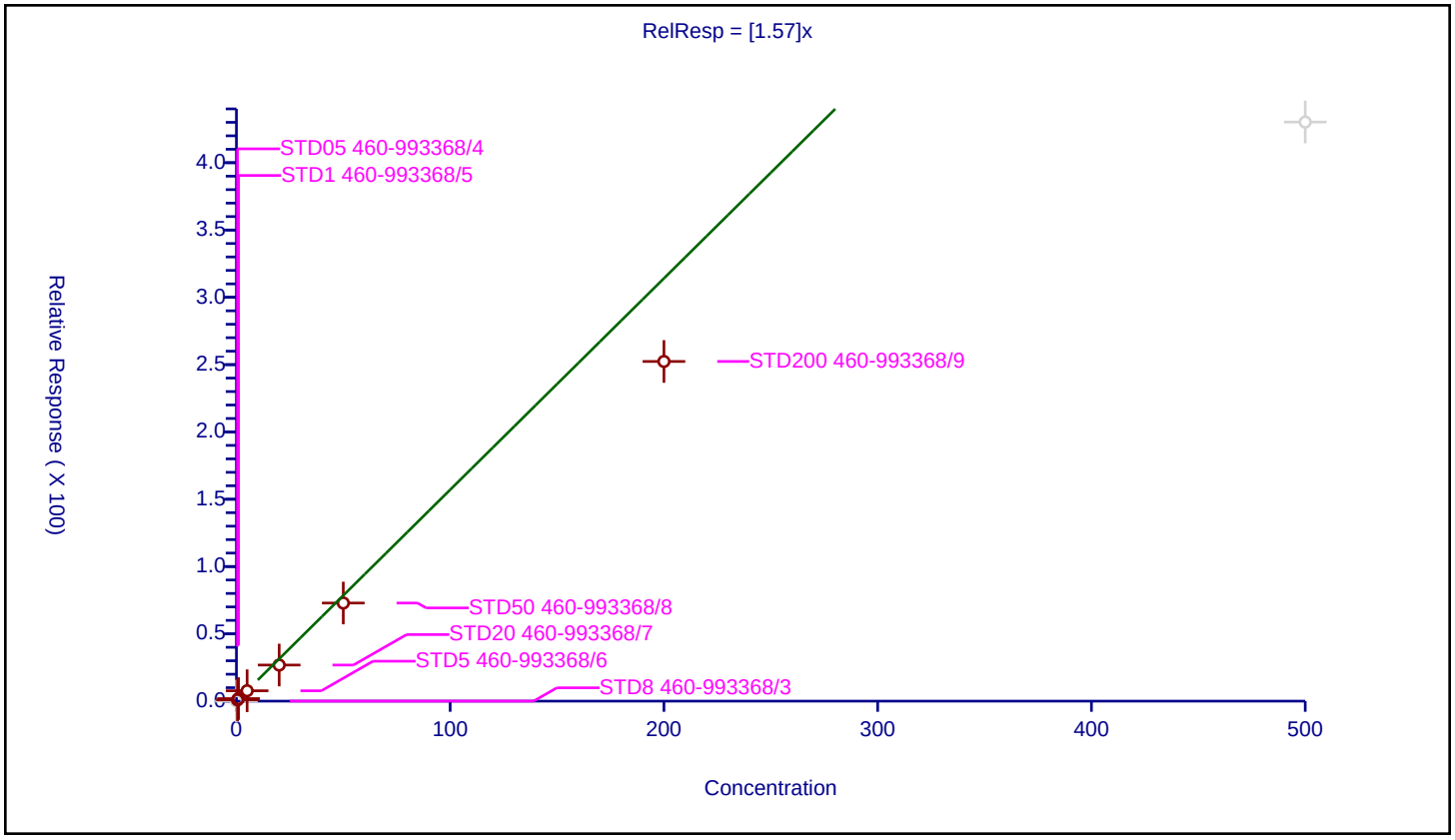
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.967733	50.0	529898.0	1.935467	Y
3	STD1 460-993368/5	1.0	1.885434	50.0	522214.0	1.885434	Y
4	STD5 460-993368/6	5.0	7.707532	50.0	538603.0	1.541506	Y
5	STD20 460-993368/7	20.0	26.816337	50.0	533106.0	1.340817	Y
6	STD50 460-993368/8	50.0	72.890461	50.0	539727.0	1.457809	Y
7	STD200 460-993368/9	200.0	252.352832	50.0	572119.0	1.261764	Y
8	STD500 460-993368/10	500.0	430.222168	50.0	611293.0	0.860444	N



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

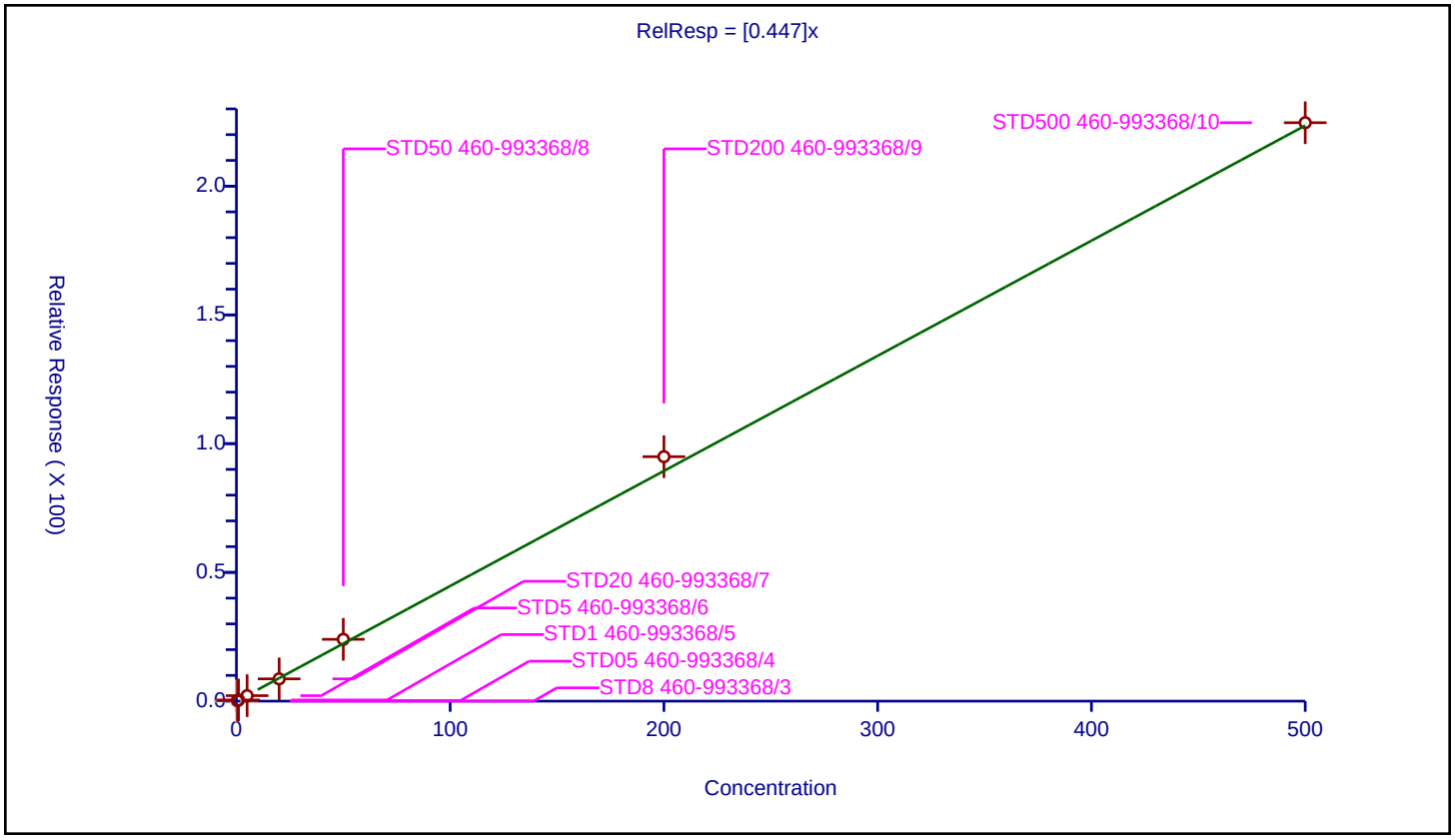
Curve Coefficients

Intercept:	0
Slope:	0.447

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.210795	50.0	529898.0	0.421591	Y
3	STD1 460-993368/5	1.0	0.445603	50.0	522214.0	0.445603	Y
4	STD5 460-993368/6	5.0	2.128005	50.0	538603.0	0.425601	Y
5	STD20 460-993368/7	20.0	8.649312	50.0	533106.0	0.432466	Y
6	STD50 460-993368/8	50.0	24.003802	50.0	539727.0	0.480076	Y
7	STD200 460-993368/9	200.0	94.933222	50.0	572119.0	0.474666	Y
8	STD500 460-993368/10	500.0	224.636385	50.0	611293.0	0.449273	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

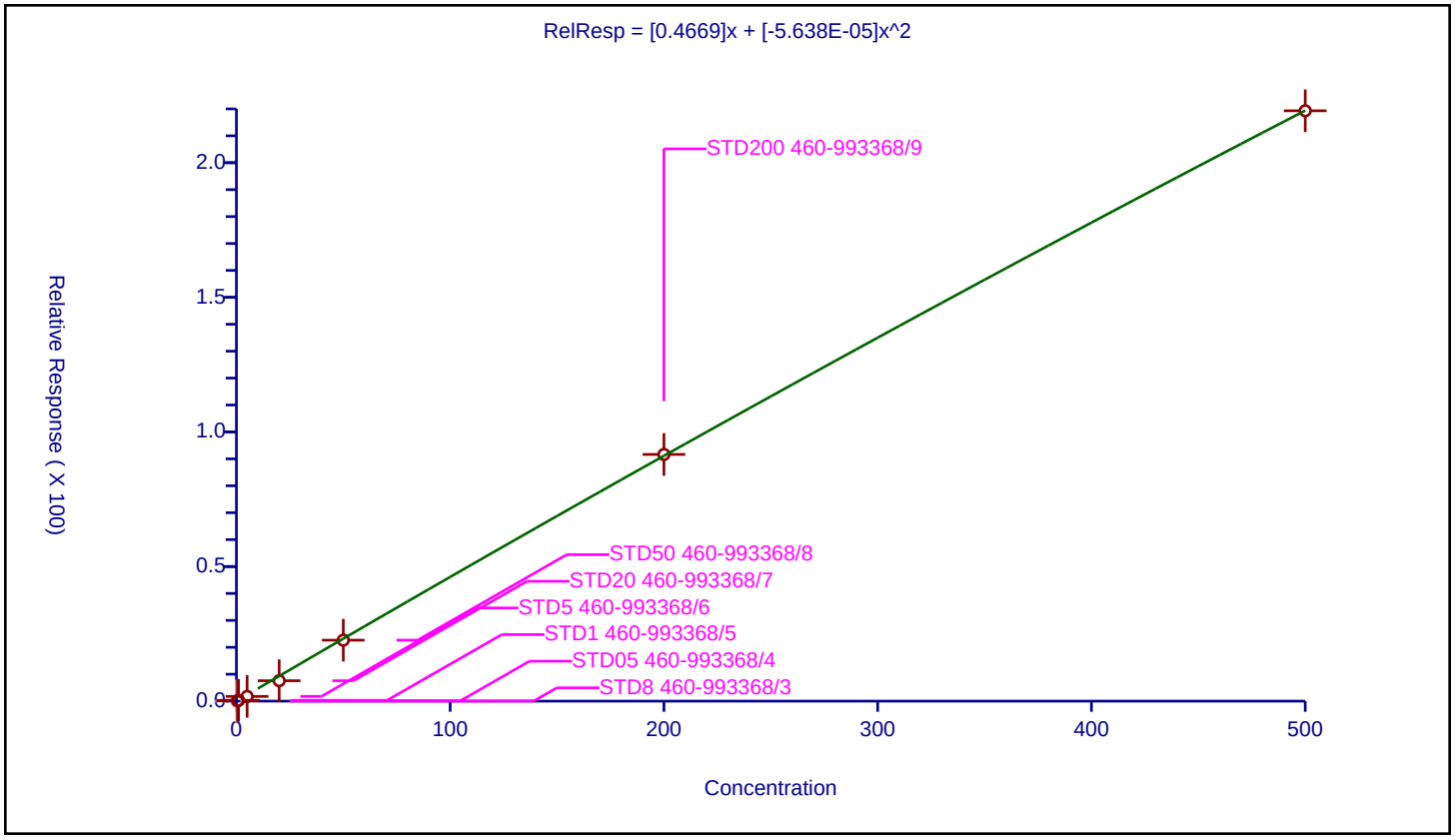
Curve Coefficients

Intercept:	0
Slope:	0.4669
Second Order:	-5.638E-05

Error Coefficients

Relative Standard Deviation:	29.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.120117	50.0	529898.0	0.240235	Y
3	STD1 460-993368/5	1.0	0.310505	50.0	522214.0	0.310505	Y
4	STD5 460-993368/6	5.0	1.752682	50.0	538603.0	0.350536	Y
5	STD20 460-993368/7	20.0	7.584514	50.0	533106.0	0.379226	Y
6	STD50 460-993368/8	50.0	22.650062	50.0	539727.0	0.453001	Y
7	STD200 460-993368/9	200.0	91.643609	50.0	572119.0	0.458218	Y
8	STD500 460-993368/10	500.0	219.301219	50.0	611293.0	0.438602	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

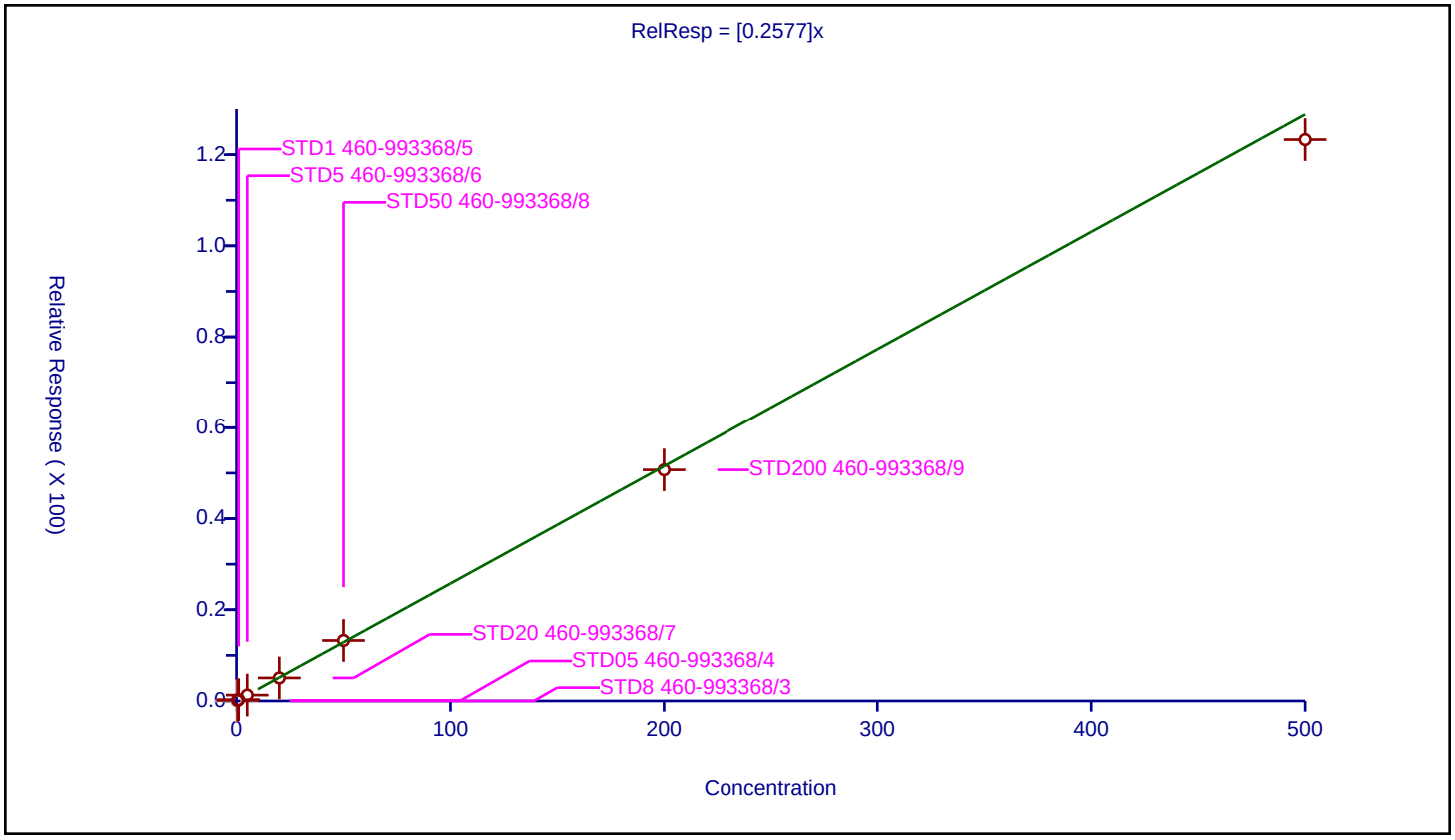
Curve Coefficients

Intercept:	0
Slope:	0.2577

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.117947	50.0	529898.0	0.235894	Y
3	STD1 460-993368/5	1.0	0.291164	50.0	522214.0	0.291164	Y
4	STD5 460-993368/6	5.0	1.291396	50.0	538603.0	0.258279	Y
5	STD20 460-993368/7	20.0	5.053592	50.0	533106.0	0.25268	Y
6	STD50 460-993368/8	50.0	13.268004	50.0	539727.0	0.26536	Y
7	STD200 460-993368/9	200.0	50.726684	50.0	572119.0	0.253633	Y
8	STD500 460-993368/10	500.0	123.312552	50.0	611293.0	0.246625	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

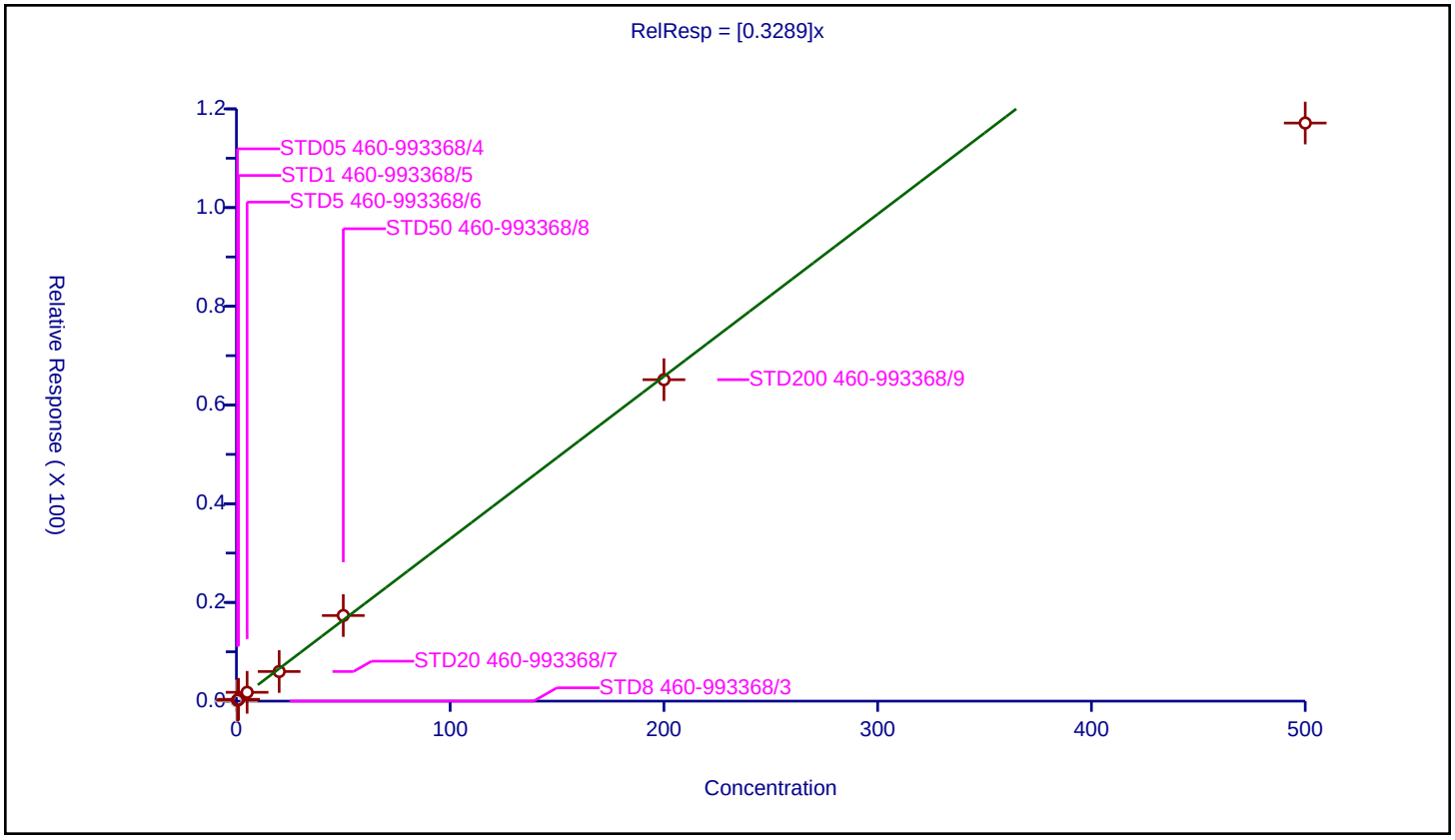
Curve Coefficients

Intercept:	0
Slope:	0.3289

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.184092	50.0	529898.0	0.368184	Y
3	STD1 460-993368/5	1.0	0.370059	50.0	522214.0	0.370059	Y
4	STD5 460-993368/6	5.0	1.787495	50.0	538603.0	0.357499	Y
5	STD20 460-993368/7	20.0	5.997119	50.0	533106.0	0.299856	Y
6	STD50 460-993368/8	50.0	17.346918	50.0	539727.0	0.346938	Y
7	STD200 460-993368/9	200.0	65.132079	50.0	572119.0	0.32566	Y
8	STD500 460-993368/10	500.0	117.131801	50.0	611293.0	0.234264	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

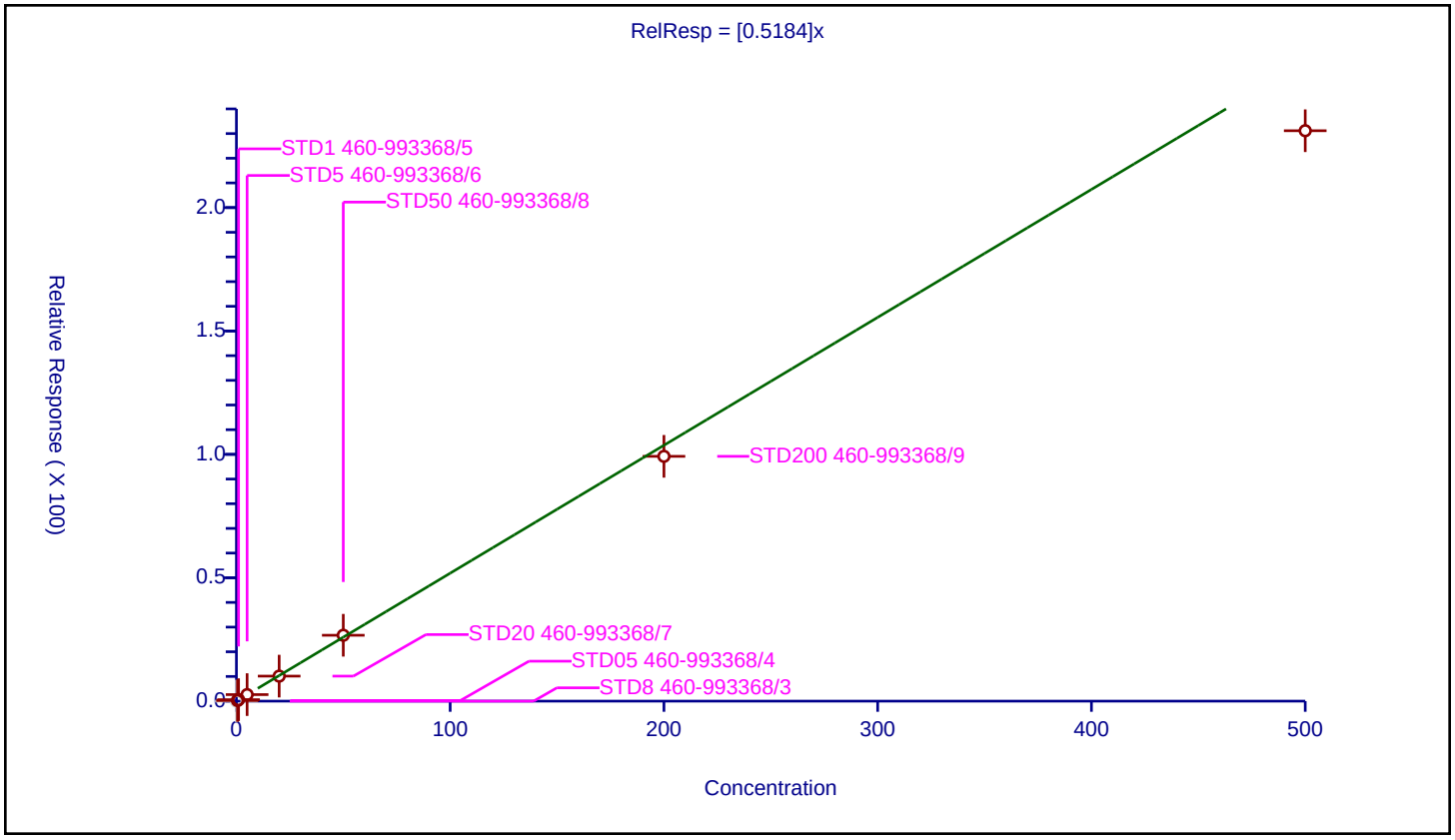
Curve Coefficients

Intercept:	0
Slope:	0.5184

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.257219	50.0	529898.0	0.514439	Y
3	STD1 460-993368/5	1.0	0.585488	50.0	522214.0	0.585488	Y
4	STD5 460-993368/6	5.0	2.648611	50.0	538603.0	0.529722	Y
5	STD20 460-993368/7	20.0	10.138228	50.0	533106.0	0.506911	Y
6	STD50 460-993368/8	50.0	26.692198	50.0	539727.0	0.533844	Y
7	STD200 460-993368/9	200.0	99.20742	50.0	572119.0	0.496037	Y
8	STD500 460-993368/10	500.0	231.154373	50.0	611293.0	0.462309	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

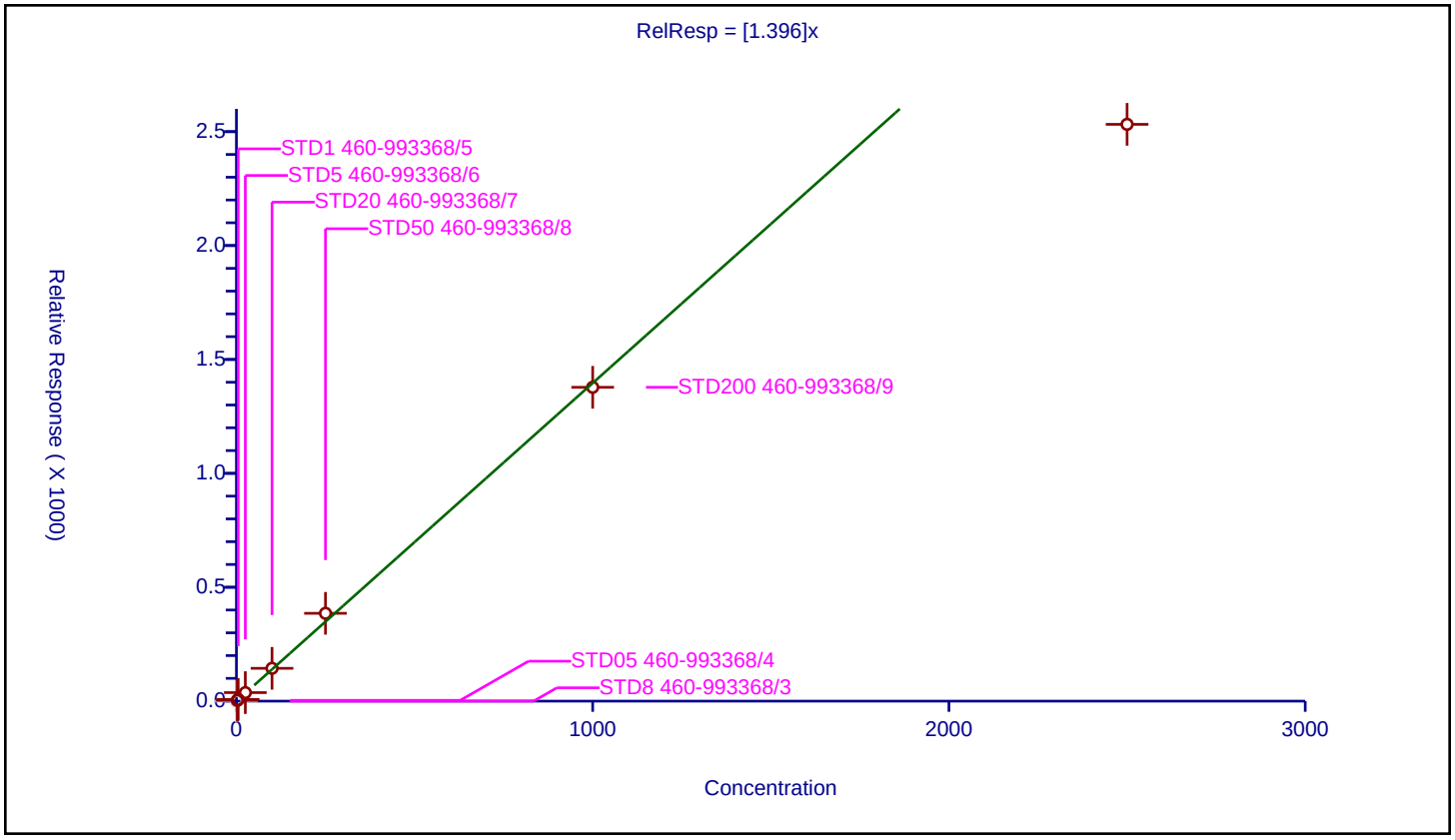
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	250.0	419005.0	NaN	N
2	STD05 460-993368/4	2.5	3.417774	250.0	395506.0	1.367109	Y
3	STD1 460-993368/5	5.0	7.668642	250.0	398180.0	1.533728	Y
4	STD5 460-993368/6	25.0	37.475605	250.0	406838.0	1.499024	Y
5	STD20 460-993368/7	100.0	144.112767	250.0	409216.0	1.441128	Y
6	STD50 460-993368/8	250.0	385.613255	250.0	425965.0	1.542453	Y
7	STD200 460-993368/9	1000.0	1377.829885	250.0	444806.0	1.37783	Y
8	STD500 460-993368/10	2500.0	2532.1699	250.0	496691.0	1.012868	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

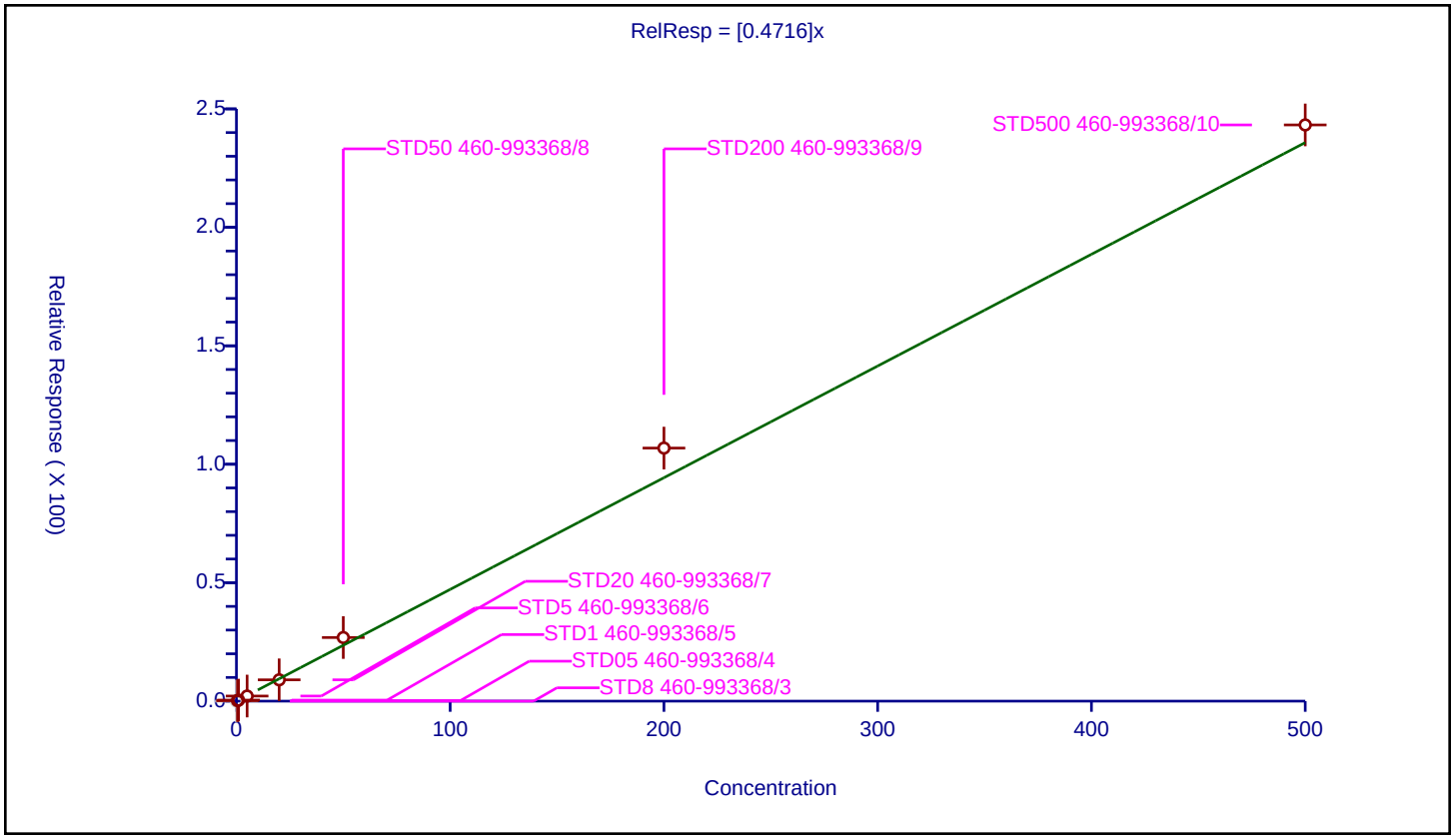
Curve Coefficients

Intercept:	0
Slope:	0.4716

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.215985	50.0	529898.0	0.43197	Y
3	STD1 460-993368/5	1.0	0.43172	50.0	522214.0	0.43172	Y
4	STD5 460-993368/6	5.0	2.147593	50.0	538603.0	0.429519	Y
5	STD20 460-993368/7	20.0	9.000274	50.0	533106.0	0.450014	Y
6	STD50 460-993368/8	50.0	26.854224	50.0	539727.0	0.537084	Y
7	STD200 460-993368/9	200.0	106.817987	50.0	572119.0	0.53409	Y
8	STD500 460-993368/10	500.0	243.228534	50.0	611293.0	0.486457	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

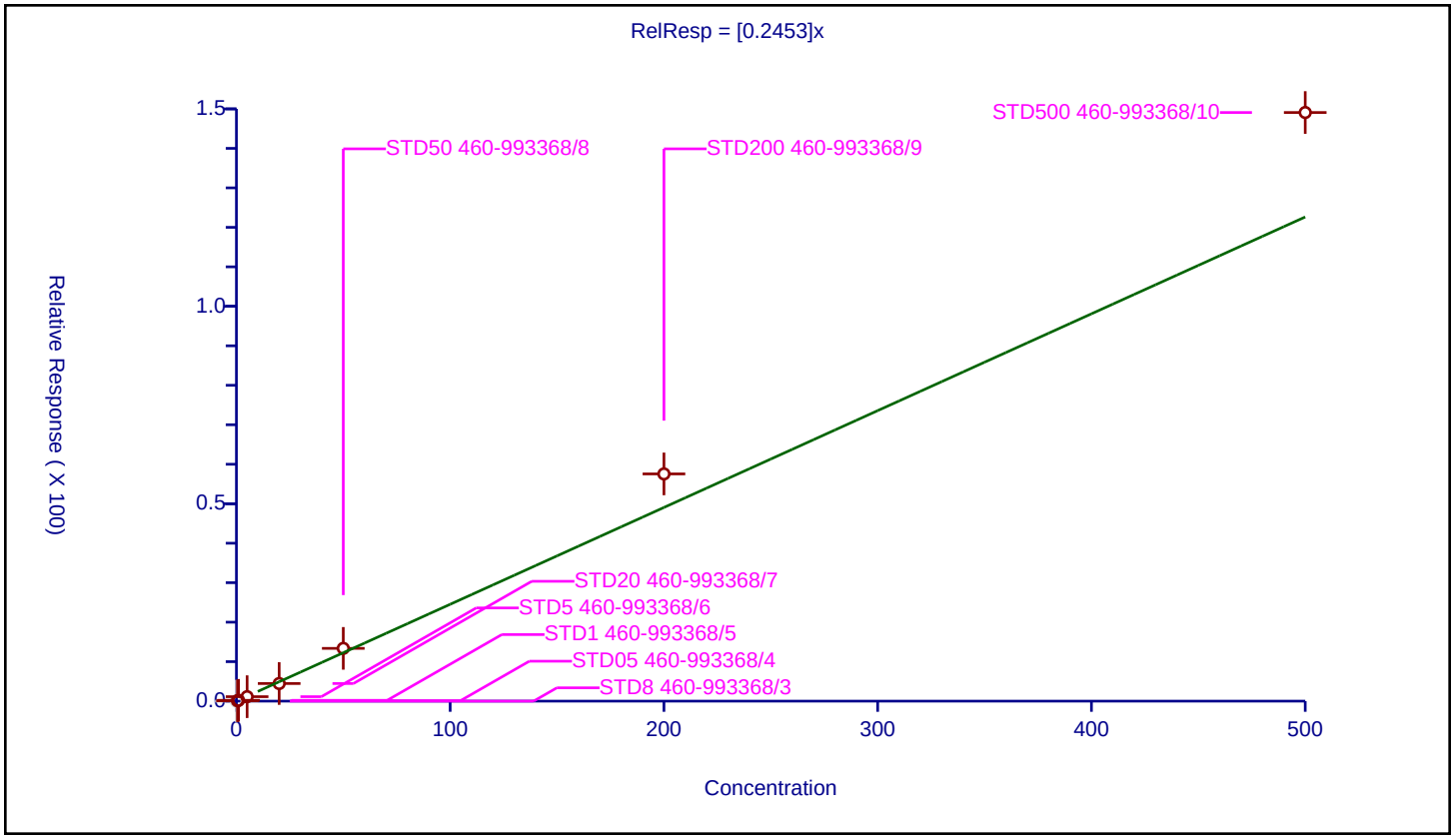
Curve Coefficients

Intercept:	0
Slope:	0.2453

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.102944	50.0	529898.0	0.205889	Y
3	STD1 460-993368/5	1.0	0.208822	50.0	522214.0	0.208822	Y
4	STD5 460-993368/6	5.0	1.128939	50.0	538603.0	0.225788	Y
5	STD20 460-993368/7	20.0	4.459995	50.0	533106.0	0.223	Y
6	STD50 460-993368/8	50.0	13.368888	50.0	539727.0	0.267378	Y
7	STD200 460-993368/9	200.0	57.549828	50.0	572119.0	0.287749	Y
8	STD500 460-993368/10	500.0	149.081128	50.0	611293.0	0.298162	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

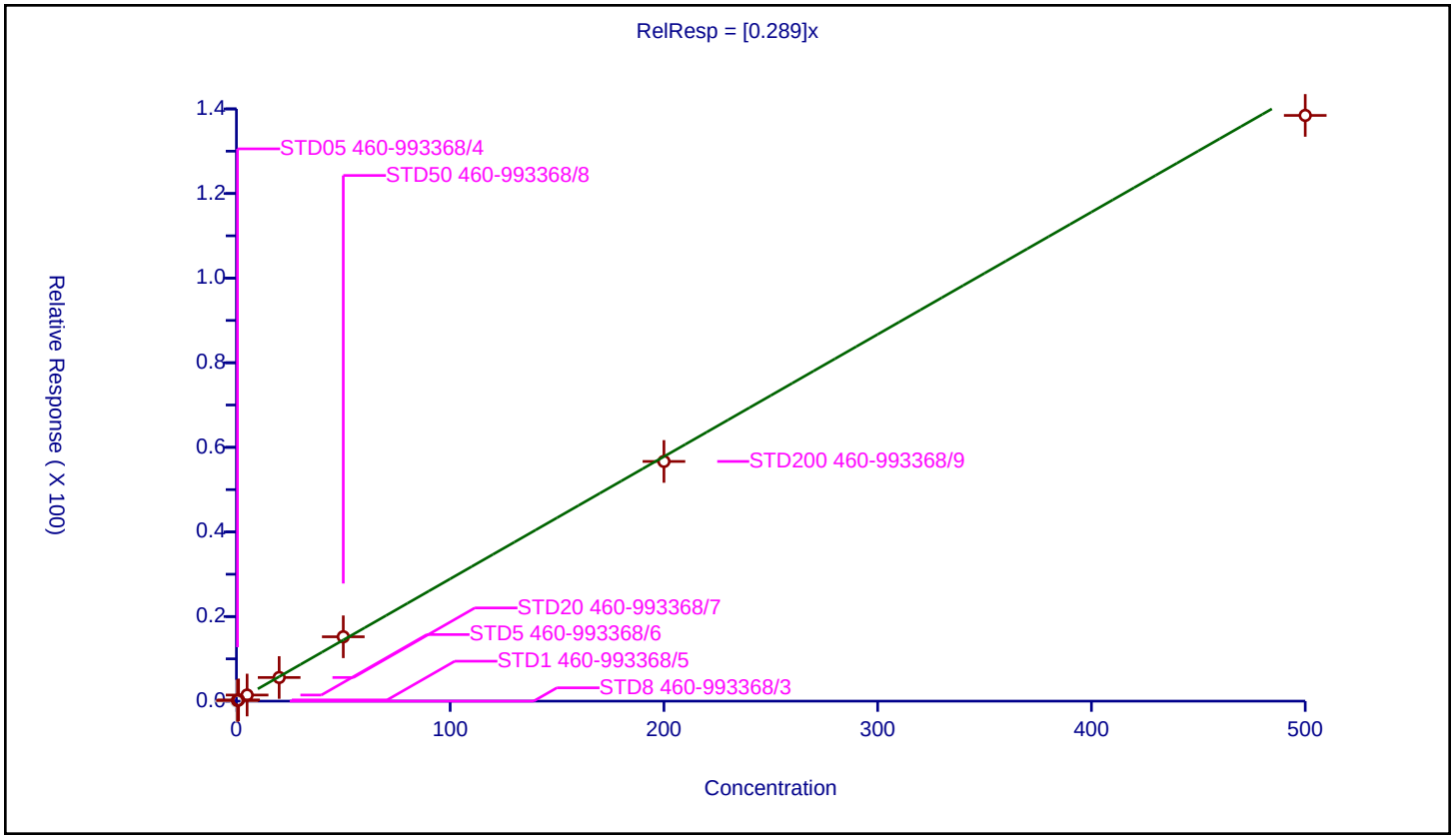
Curve Coefficients

Intercept:	0
Slope:	0.289

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.152954	50.0	529898.0	0.305908	Y
3	STD1 460-993368/5	1.0	0.284845	50.0	522214.0	0.284845	Y
4	STD5 460-993368/6	5.0	1.442343	50.0	538603.0	0.288469	Y
5	STD20 460-993368/7	20.0	5.588382	50.0	533106.0	0.279419	Y
6	STD50 460-993368/8	50.0	15.213803	50.0	539727.0	0.304276	Y
7	STD200 460-993368/9	200.0	56.659803	50.0	572119.0	0.283299	Y
8	STD500 460-993368/10	500.0	138.454718	50.0	611293.0	0.276909	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

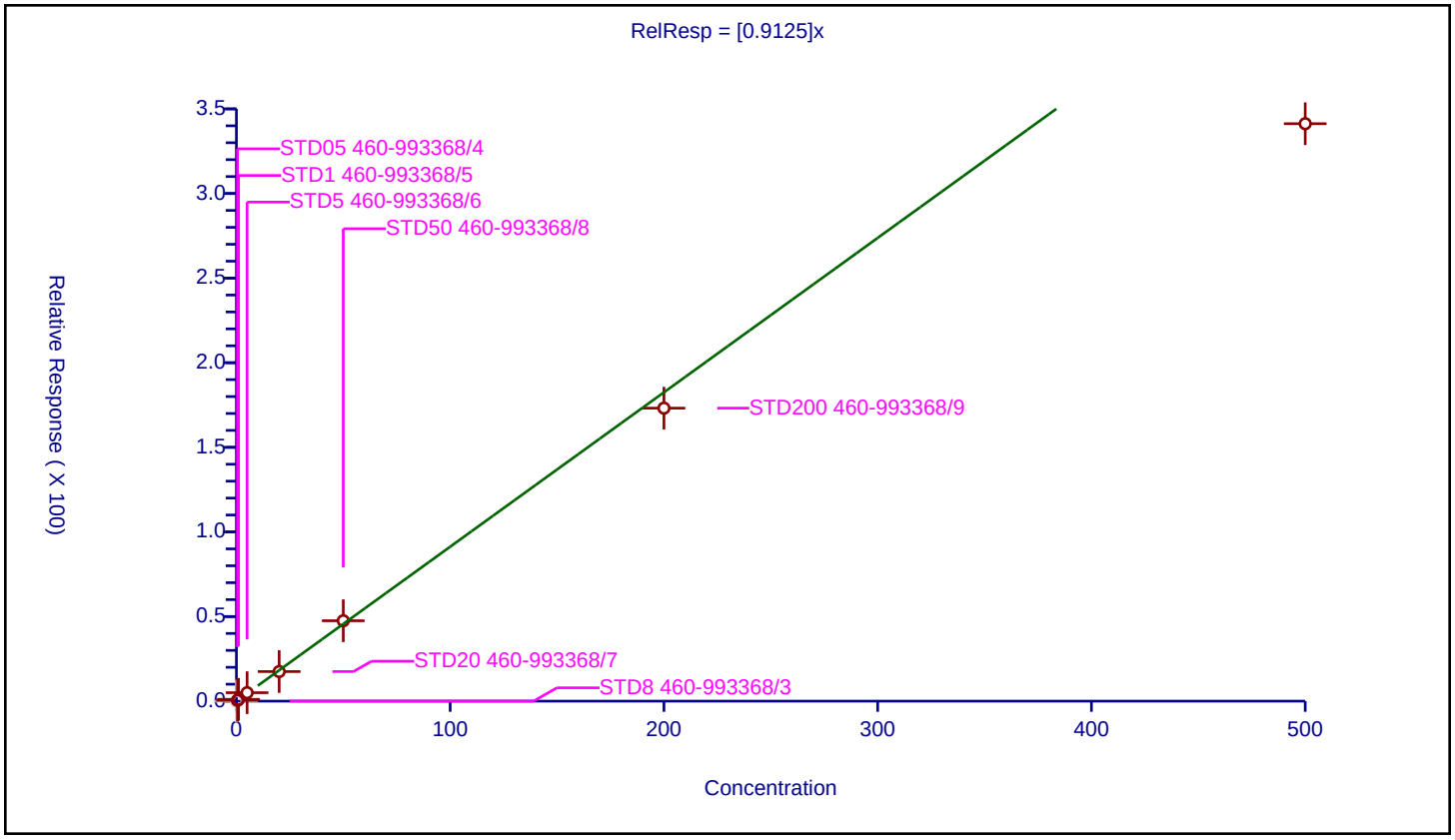
Curve Coefficients

Intercept:	0
Slope:	0.9125

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.476884	50.0	529898.0	0.953768	Y
3	STD1 460-993368/5	1.0	1.060485	50.0	522214.0	1.060485	Y
4	STD5 460-993368/6	5.0	5.004707	50.0	538603.0	1.000941	Y
5	STD20 460-993368/7	20.0	17.478513	50.0	533106.0	0.873926	Y
6	STD50 460-993368/8	50.0	47.512909	50.0	539727.0	0.950258	Y
7	STD200 460-993368/9	200.0	173.144486	50.0	572119.0	0.865722	Y
8	STD500 460-993368/10	500.0	341.24168	50.0	611293.0	0.682483	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

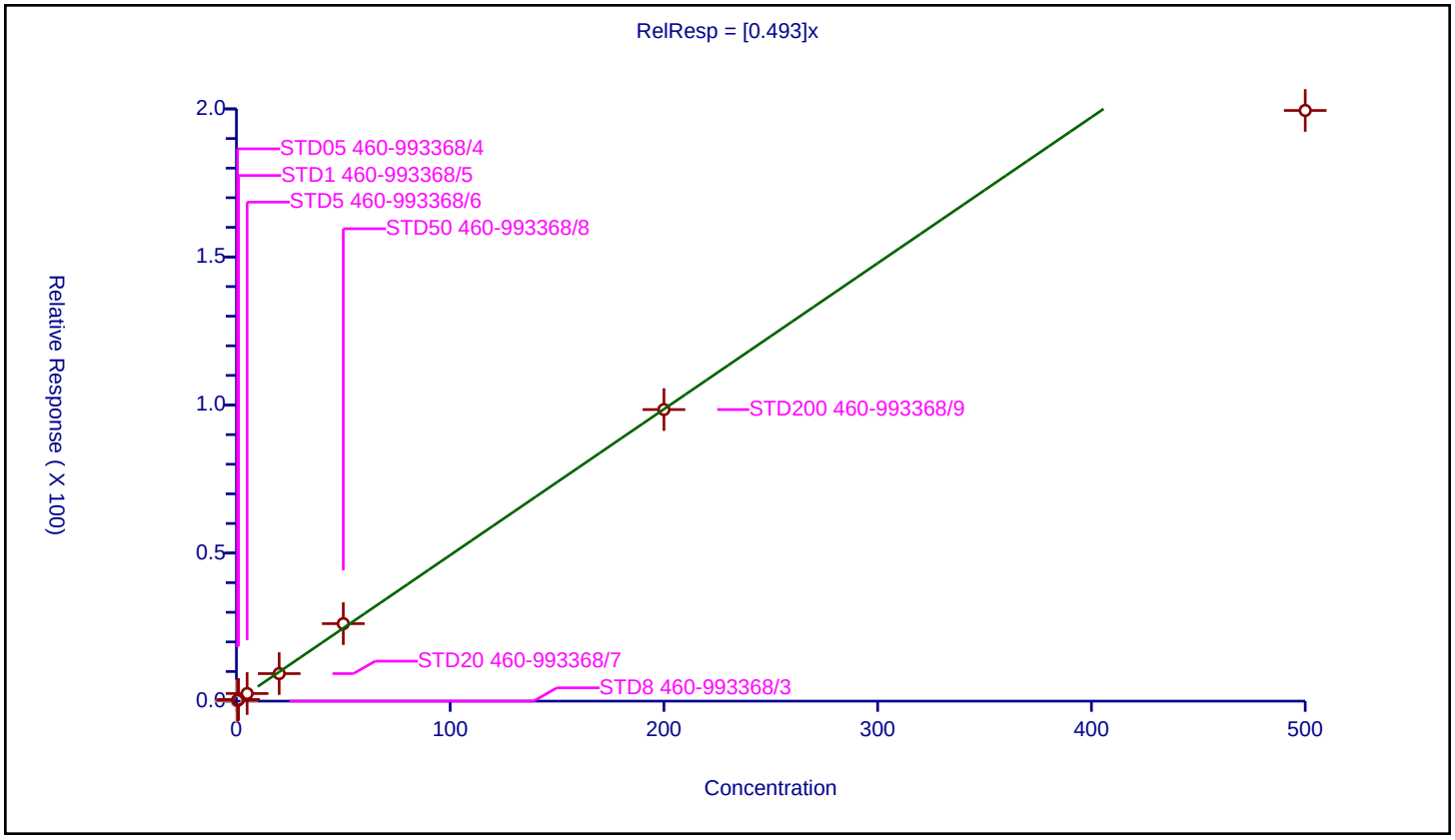
Curve Coefficients

Intercept:	0
Slope:	0.493

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.251275	50.0	529898.0	0.50255	Y
3	STD1 460-993368/5	1.0	0.555232	50.0	522214.0	0.555232	Y
4	STD5 460-993368/6	5.0	2.56794	50.0	538603.0	0.513588	Y
5	STD20 460-993368/7	20.0	9.299089	50.0	533106.0	0.464954	Y
6	STD50 460-993368/8	50.0	26.167674	50.0	539727.0	0.523353	Y
7	STD200 460-993368/9	200.0	98.459848	50.0	572119.0	0.492299	Y
8	STD500 460-993368/10	500.0	199.472103	50.0	611293.0	0.398944	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

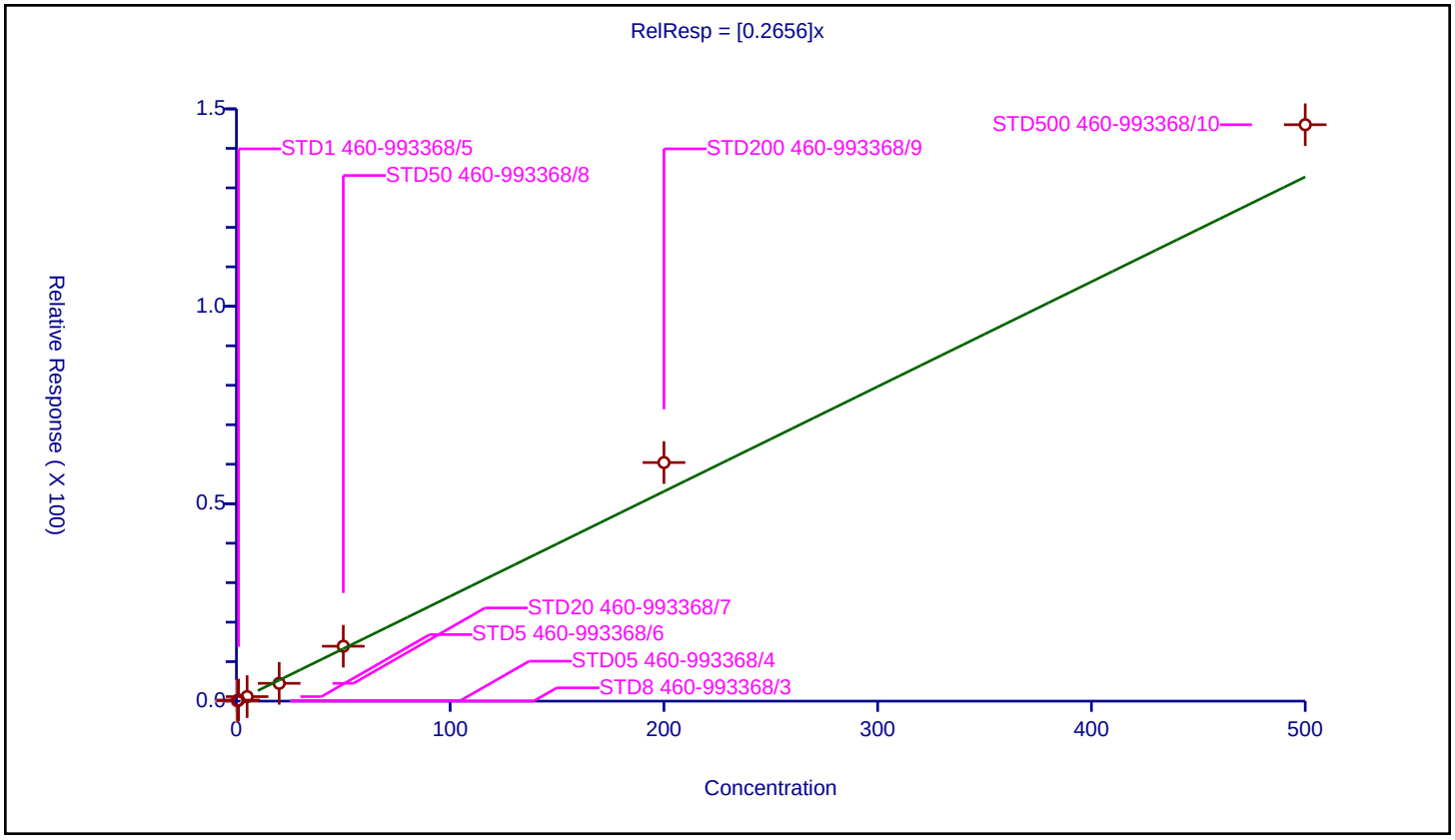
Curve Coefficients

Intercept:	0
Slope:	0.2656

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.131818	50.0	529898.0	0.263636	Y
3	STD1 460-993368/5	1.0	0.269526	50.0	522214.0	0.269526	Y
4	STD5 460-993368/6	5.0	1.140636	50.0	538603.0	0.228127	Y
5	STD20 460-993368/7	20.0	4.507077	50.0	533106.0	0.225354	Y
6	STD50 460-993368/8	50.0	13.905641	50.0	539727.0	0.278113	Y
7	STD200 460-993368/9	200.0	60.429998	50.0	572119.0	0.30215	Y
8	STD500 460-993368/10	500.0	145.990303	50.0	611293.0	0.291981	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

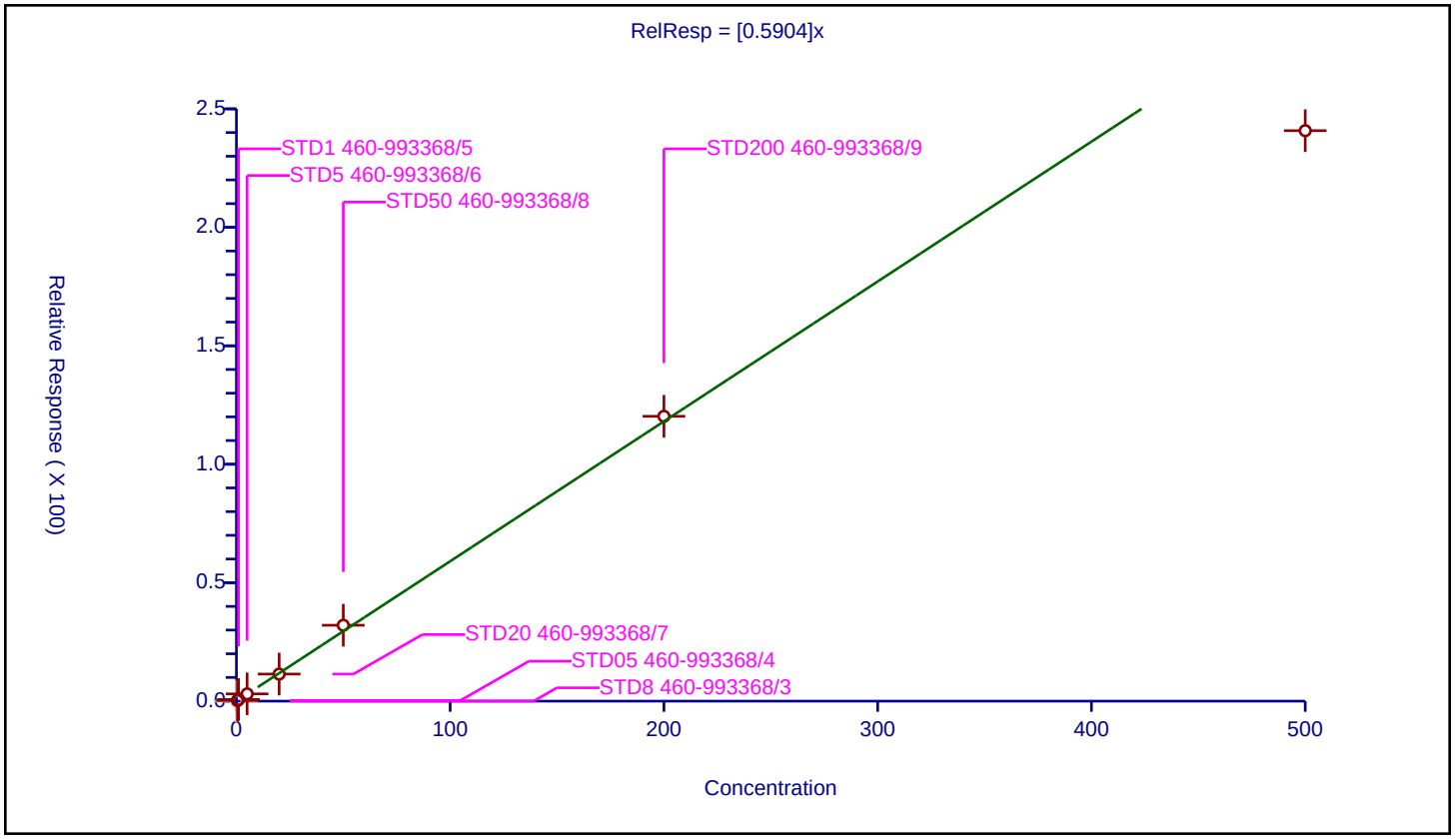
Curve Coefficients

Intercept:	0
Slope:	0.5904

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.272505	50.0	529898.0	0.545011	Y
3	STD1 460-993368/5	1.0	0.680372	50.0	522214.0	0.680372	Y
4	STD5 460-993368/6	5.0	3.065338	50.0	538603.0	0.613068	Y
5	STD20 460-993368/7	20.0	11.424276	50.0	533106.0	0.571214	Y
6	STD50 460-993368/8	50.0	32.033046	50.0	539727.0	0.640661	Y
7	STD200 460-993368/9	200.0	120.230232	50.0	572119.0	0.601151	Y
8	STD500 460-993368/10	500.0	240.806373	50.0	611293.0	0.481613	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

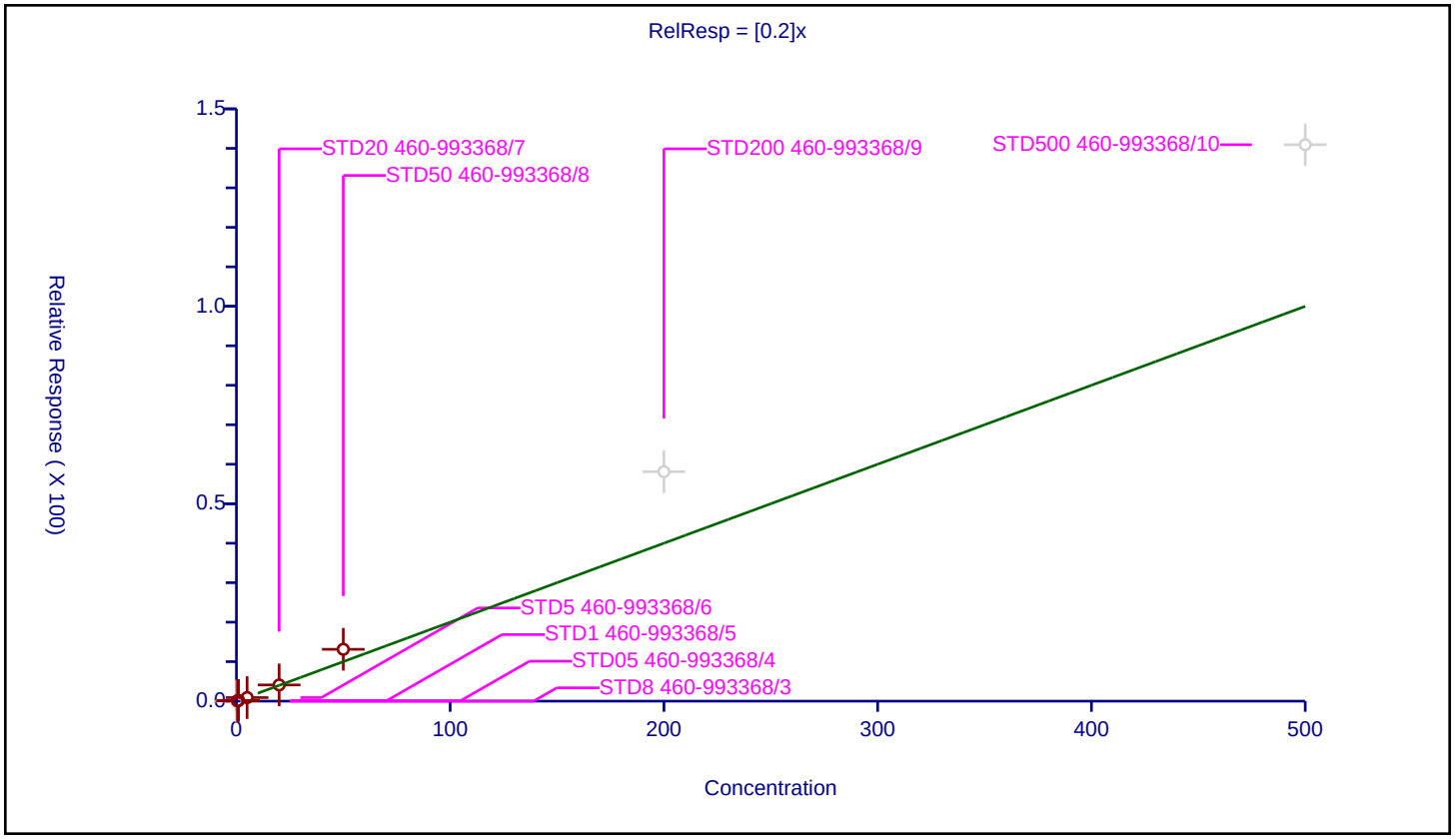
Curve Coefficients

Intercept:	0
Slope:	0.2

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.084261	50.0	529898.0	0.168523	Y
3	STD1 460-993368/5	1.0	0.183737	50.0	522214.0	0.183737	Y
4	STD5 460-993368/6	5.0	0.899271	50.0	538603.0	0.179854	Y
5	STD20 460-993368/7	20.0	4.104531	50.0	533106.0	0.205227	Y
6	STD50 460-993368/8	50.0	13.131731	50.0	539727.0	0.262635	Y
7	STD200 460-993368/9	200.0	58.112036	50.0	572119.0	0.29056	N
8	STD500 460-993368/10	500.0	140.927673	50.0	611293.0	0.281855	N



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

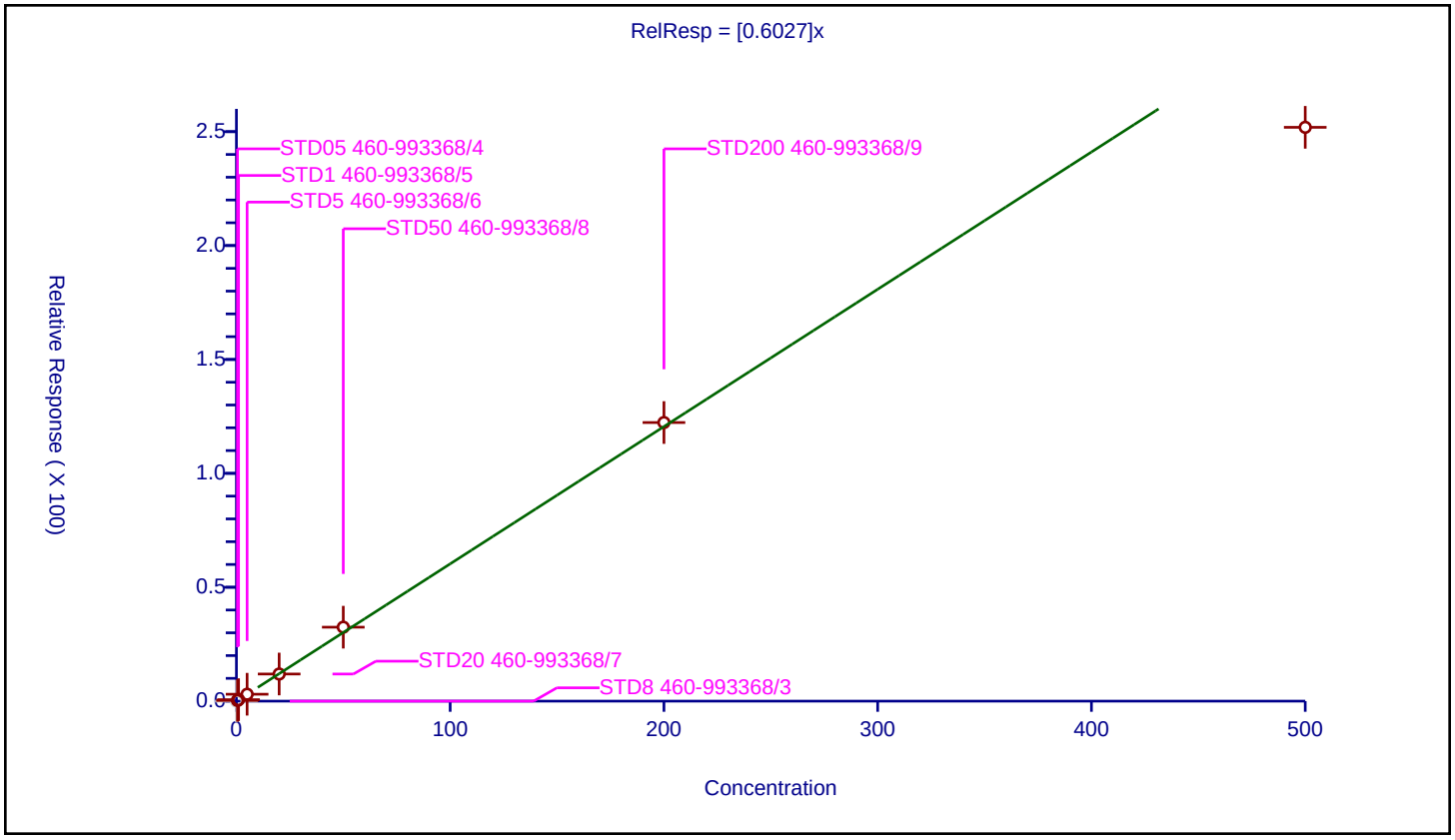
Curve Coefficients

Intercept:	0
Slope:	0.6027

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.30553	50.0	529898.0	0.611061	Y
3	STD1 460-993368/5	1.0	0.640255	50.0	522214.0	0.640255	Y
4	STD5 460-993368/6	5.0	3.036281	50.0	538603.0	0.607256	Y
5	STD20 460-993368/7	20.0	11.91114	50.0	533106.0	0.595557	Y
6	STD50 460-993368/8	50.0	32.463912	50.0	539727.0	0.649278	Y
7	STD200 460-993368/9	200.0	122.304713	50.0	572119.0	0.611524	Y
8	STD500 460-993368/10	500.0	251.903833	50.0	611293.0	0.503808	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

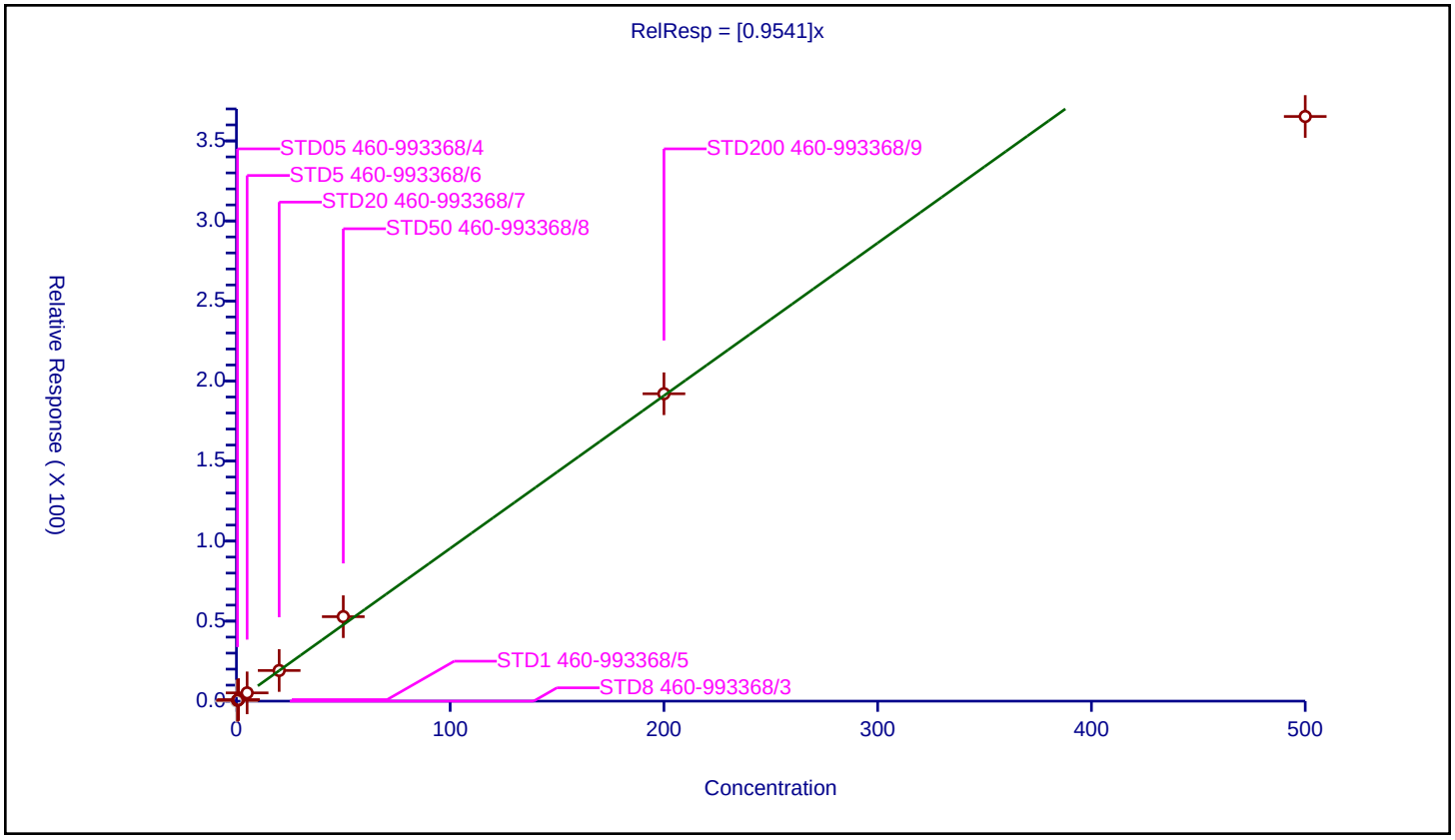
Curve Coefficients

Intercept:	0
Slope:	0.9541

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.49368	50.0	529898.0	0.98736	Y
3	STD1 460-993368/5	1.0	0.953728	50.0	522214.0	0.953728	Y
4	STD5 460-993368/6	5.0	5.172177	50.0	538603.0	1.034435	Y
5	STD20 460-993368/7	20.0	19.14094	50.0	533106.0	0.957047	Y
6	STD50 460-993368/8	50.0	52.773069	50.0	539727.0	1.055461	Y
7	STD200 460-993368/9	200.0	192.047721	50.0	572119.0	0.960239	Y
8	STD500 460-993368/10	500.0	365.257577	50.0	611293.0	0.730515	Y



Calibration / Bromoform

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

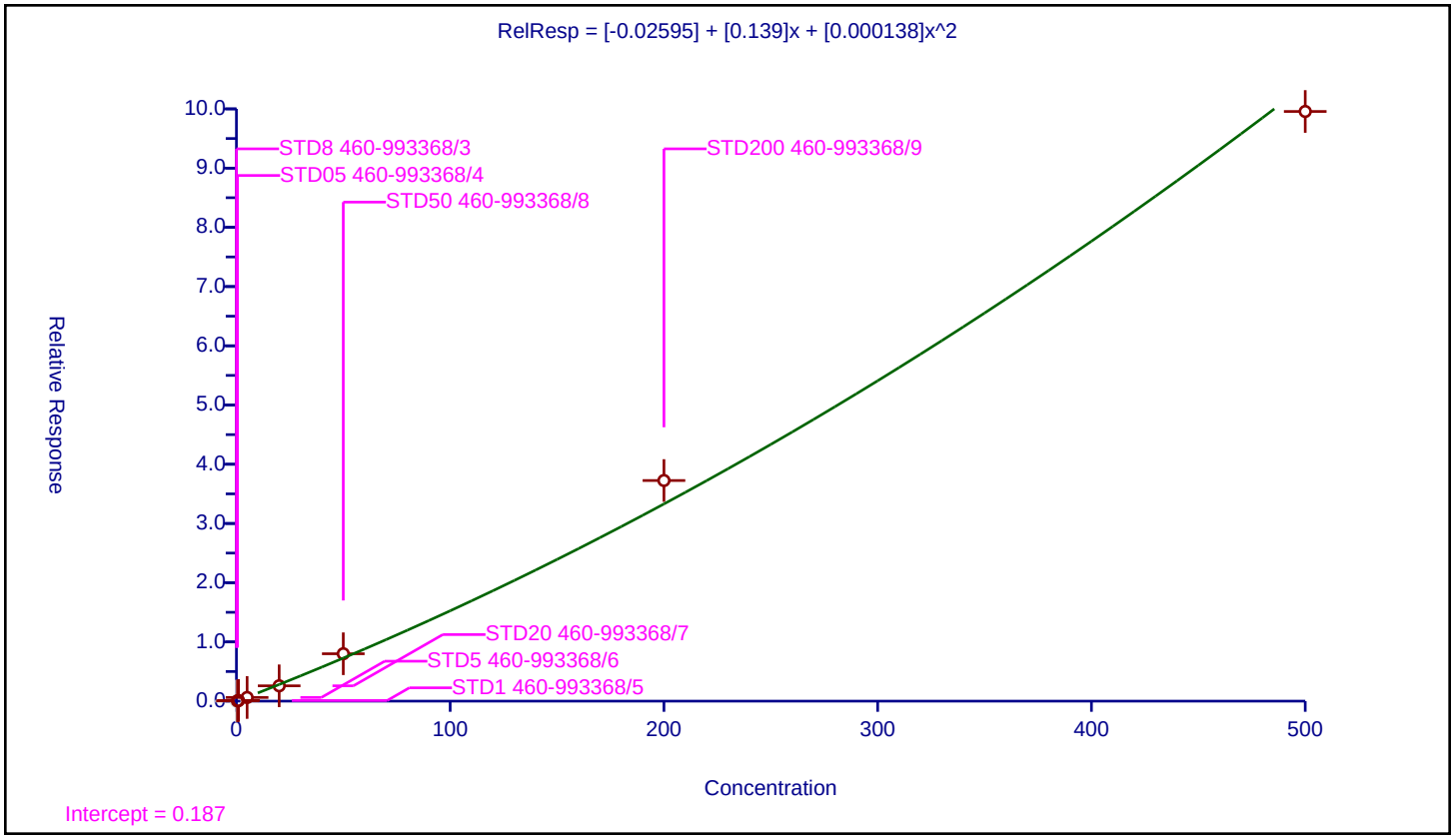
Curve Coefficients

Intercept:	-0.02595
Slope:	0.139
Second Order:	0.000138

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.046613	50.0	529898.0	0.093225	Y
3	STD1 460-993368/5	1.0	0.103406	50.0	522214.0	0.103406	Y
4	STD5 460-993368/6	5.0	0.617709	50.0	538603.0	0.123542	Y
5	STD20 460-993368/7	20.0	2.588791	50.0	533106.0	0.12944	Y
6	STD50 460-993368/8	50.0	8.002657	50.0	539727.0	0.160053	Y
7	STD200 460-993368/9	200.0	37.251254	50.0	572119.0	0.186256	Y
8	STD500 460-993368/10	500.0	99.565184	50.0	611293.0	0.19913	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

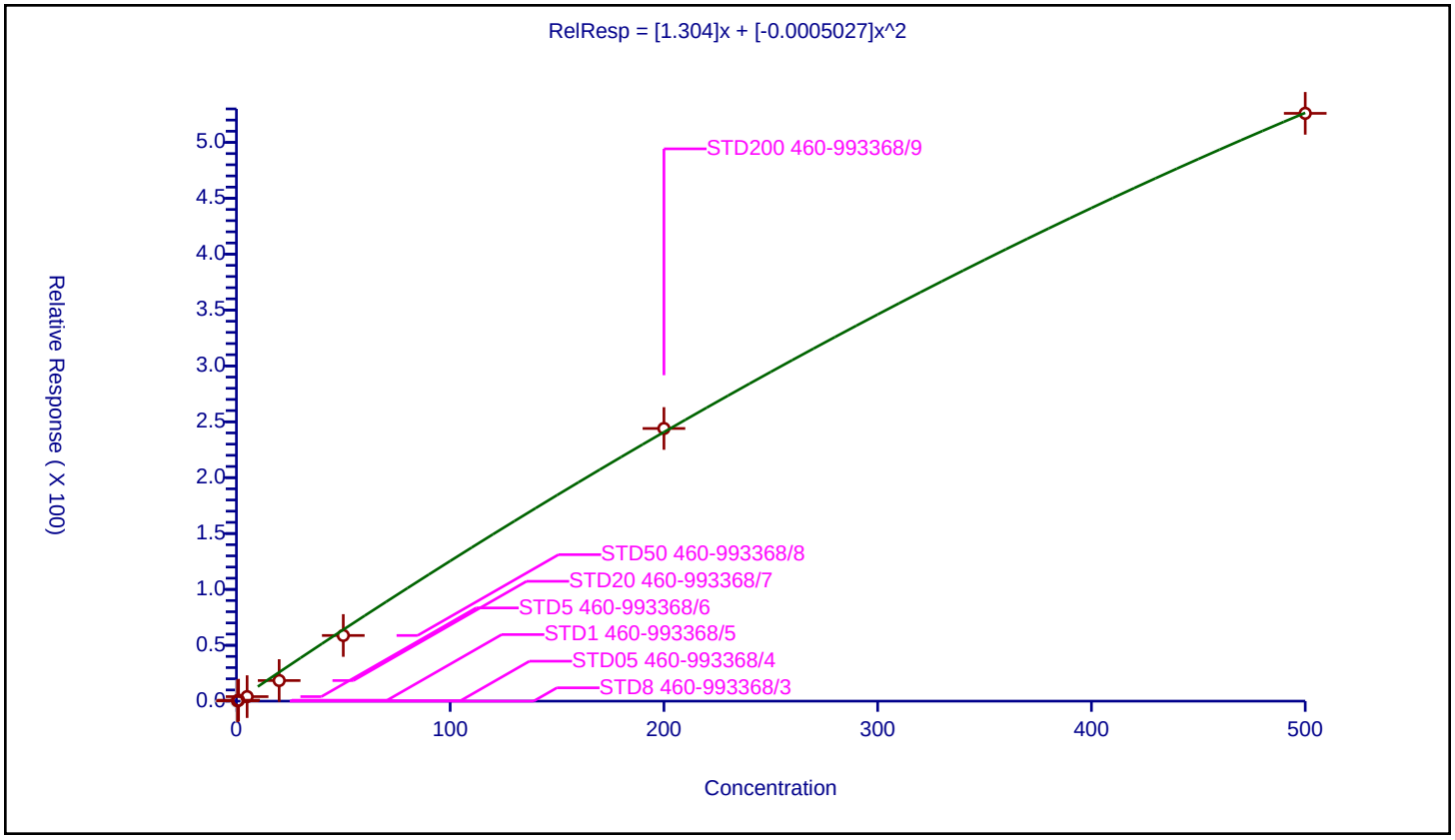
Curve Coefficients

Intercept:	0
Slope:	1.304
Second Order:	-0.0005027

Error Coefficients

Relative Standard Deviation:	35.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.327103	50.0	296084.0	0.654206	Y
3	STD1 460-993368/5	1.0	0.818216	50.0	294482.0	0.818216	Y
4	STD5 460-993368/6	5.0	4.045415	50.0	301749.0	0.809083	Y
5	STD20 460-993368/7	20.0	18.447065	50.0	297836.0	0.922353	Y
6	STD50 460-993368/8	50.0	58.763355	50.0	308318.0	1.175267	Y
7	STD200 460-993368/9	200.0	244.001635	50.0	322863.0	1.220008	Y
8	STD500 460-993368/10	500.0	526.028048	50.0	330651.0	1.052056	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

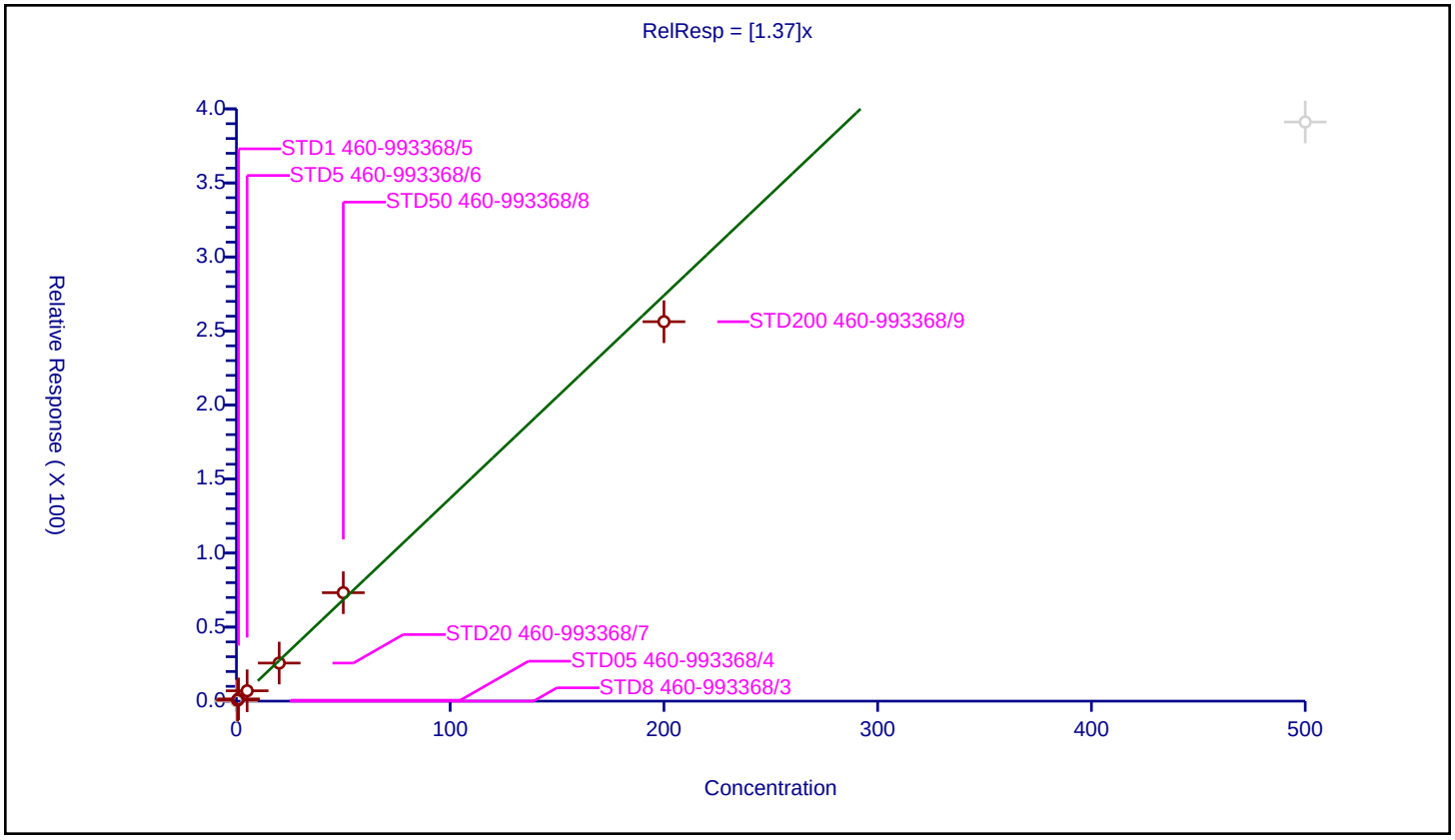
Curve Coefficients

Intercept:	0
Slope:	1.37

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	565550.0	NaN	N
2	STD05 460-993368/4	0.5	0.641727	50.0	529898.0	1.283455	Y
3	STD1 460-993368/5	1.0	1.506949	50.0	522214.0	1.506949	Y
4	STD5 460-993368/6	5.0	6.985572	50.0	538603.0	1.397114	Y
5	STD20 460-993368/7	20.0	25.708208	50.0	533106.0	1.28541	Y
6	STD50 460-993368/8	50.0	73.248049	50.0	539727.0	1.464961	Y
7	STD200 460-993368/9	200.0	256.274831	50.0	572119.0	1.281374	Y
8	STD500 460-993368/10	500.0	391.142791	50.0	611293.0	0.782286	N



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

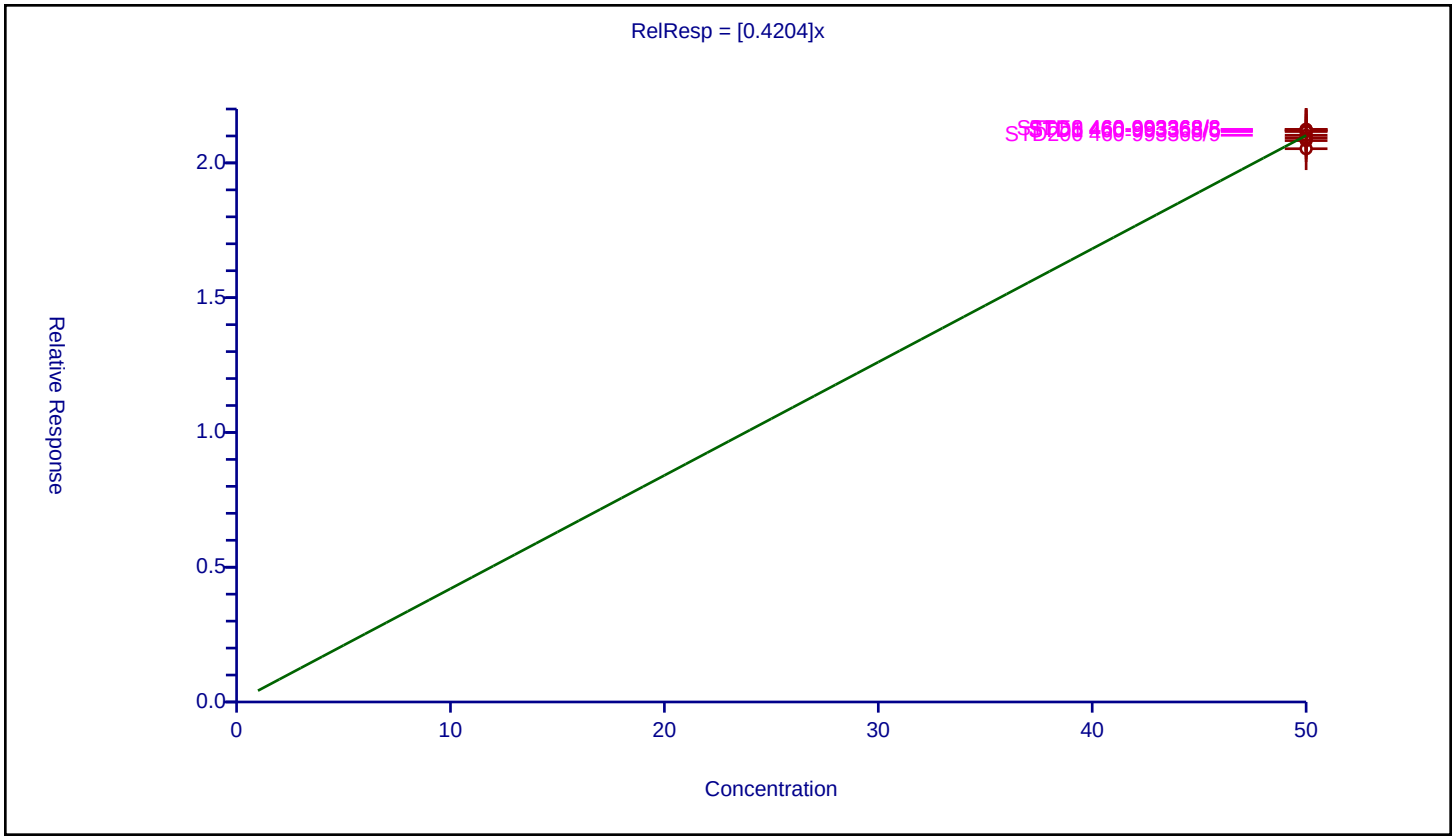
Curve Coefficients

Intercept:	0
Slope:	0.4204

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	50.0	21.246574	50.0	565550.0	0.424931	Y
2	STD05 460-993368/4	50.0	20.827499	50.0	529898.0	0.41655	Y
3	STD1 460-993368/5	50.0	21.164599	50.0	522214.0	0.423292	Y
4	STD5 460-993368/6	50.0	21.193625	50.0	538603.0	0.423872	Y
5	STD20 460-993368/7	50.0	20.929046	50.0	533106.0	0.418581	Y
6	STD50 460-993368/8	50.0	21.236292	50.0	539727.0	0.424726	Y
7	STD200 460-993368/9	50.0	21.026482	50.0	572119.0	0.42053	Y
8	STD500 460-993368/10	50.0	20.526572	50.0	611293.0	0.410531	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

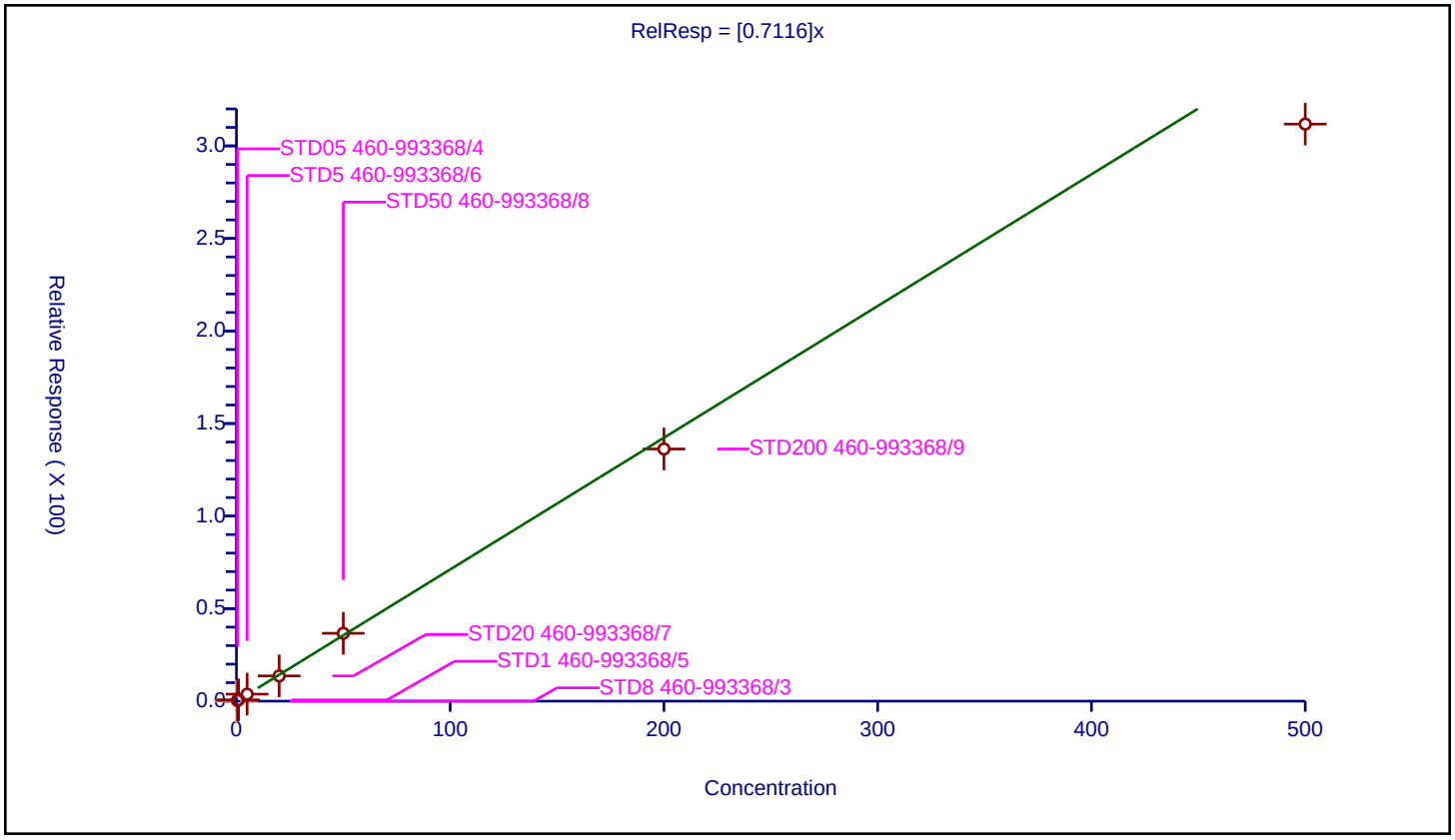
Curve Coefficients

Intercept:	0
Slope:	0.7116

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.406135	50.0	296084.0	0.812269	Y
3	STD1 460-993368/5	1.0	0.692402	50.0	294482.0	0.692402	Y
4	STD5 460-993368/6	5.0	3.781288	50.0	301749.0	0.756258	Y
5	STD20 460-993368/7	20.0	13.641904	50.0	297836.0	0.682095	Y
6	STD50 460-993368/8	50.0	36.665229	50.0	308318.0	0.733305	Y
7	STD200 460-993368/9	200.0	136.249276	50.0	322863.0	0.681246	Y
8	STD500 460-993368/10	500.0	311.789621	50.0	330651.0	0.623579	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

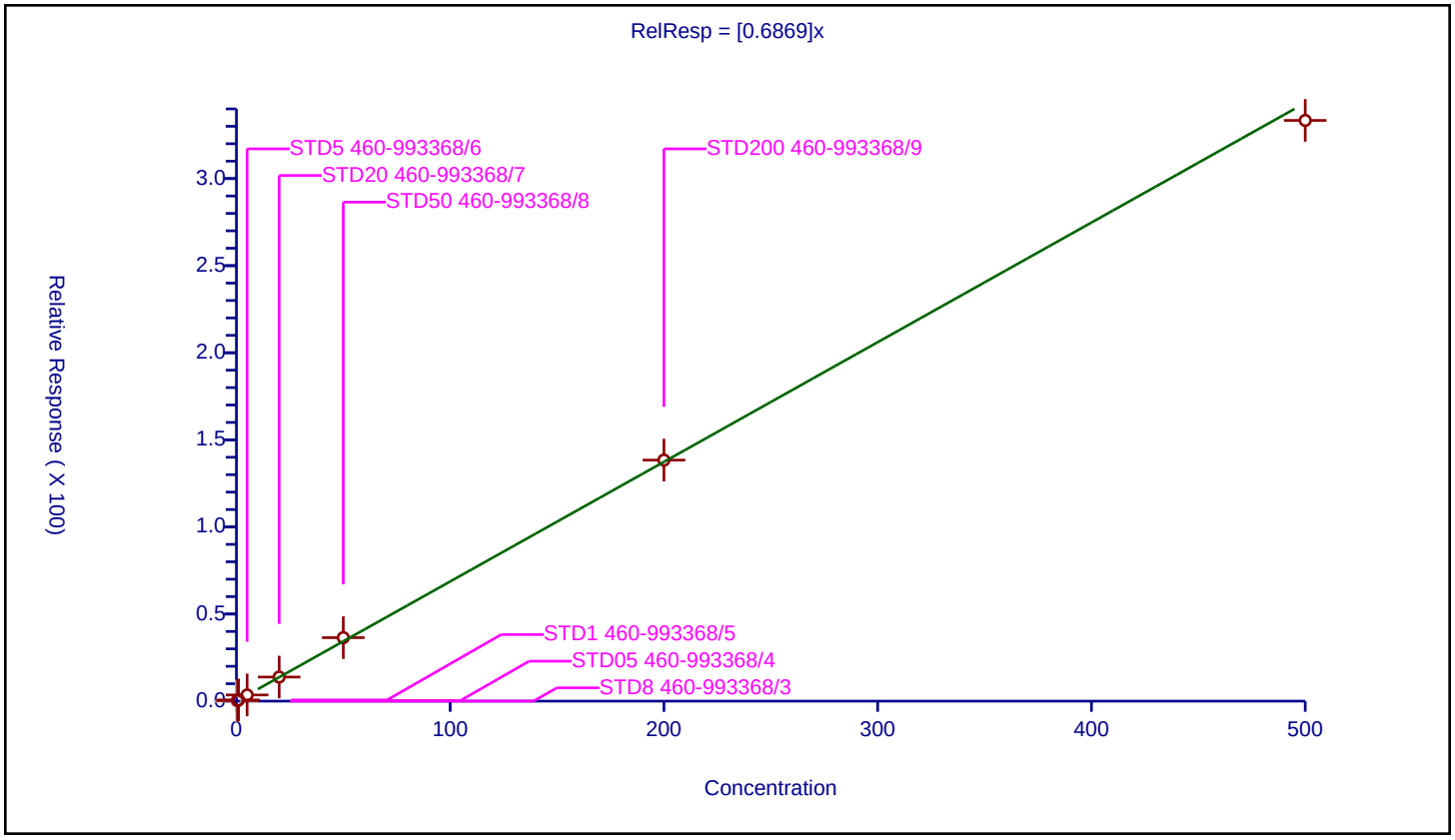
Curve Coefficients

Intercept:	0
Slope:	0.6869

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.319166	50.0	296084.0	0.638332	Y
3	STD1 460-993368/5	1.0	0.681196	50.0	294482.0	0.681196	Y
4	STD5 460-993368/6	5.0	3.546822	50.0	301749.0	0.709364	Y
5	STD20 460-993368/7	20.0	13.835466	50.0	297836.0	0.691773	Y
6	STD50 460-993368/8	50.0	36.438028	50.0	308318.0	0.728761	Y
7	STD200 460-993368/9	200.0	138.385476	50.0	322863.0	0.691927	Y
8	STD500 460-993368/10	500.0	333.373255	50.0	330651.0	0.666747	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

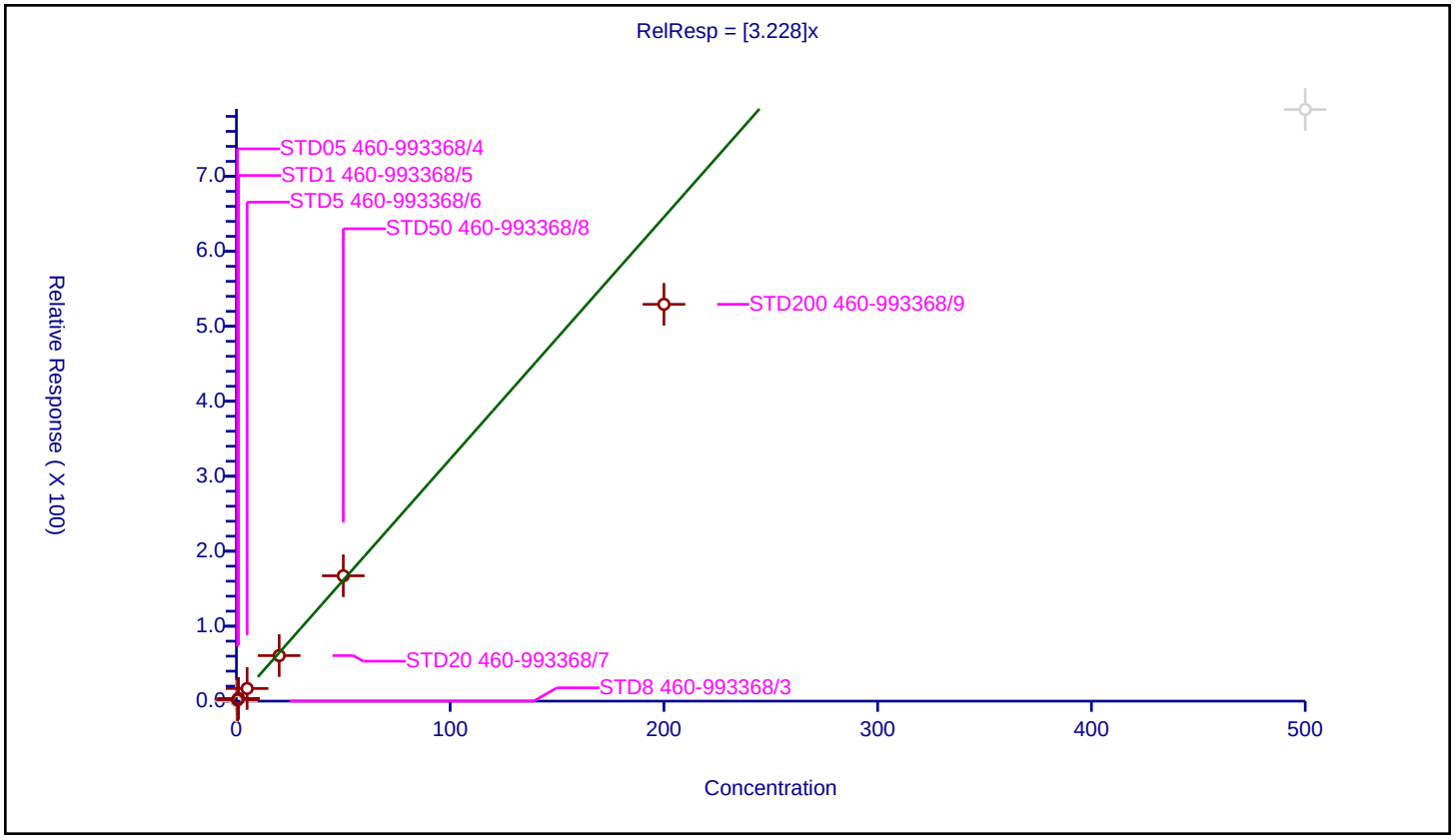
Curve Coefficients

Intercept:	0
Slope:	3.228

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.684488	50.0	296084.0	3.368976	Y
3	STD1 460-993368/5	1.0	3.604125	50.0	294482.0	3.604125	Y
4	STD5 460-993368/6	5.0	16.842641	50.0	301749.0	3.368528	Y
5	STD20 460-993368/7	20.0	60.740978	50.0	297836.0	3.037049	Y
6	STD50 460-993368/8	50.0	167.213883	50.0	308318.0	3.344278	Y
7	STD200 460-993368/9	200.0	529.341392	50.0	322863.0	2.646707	Y
8	STD500 460-993368/10	500.0	789.213249	50.0	330651.0	1.578426	N



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

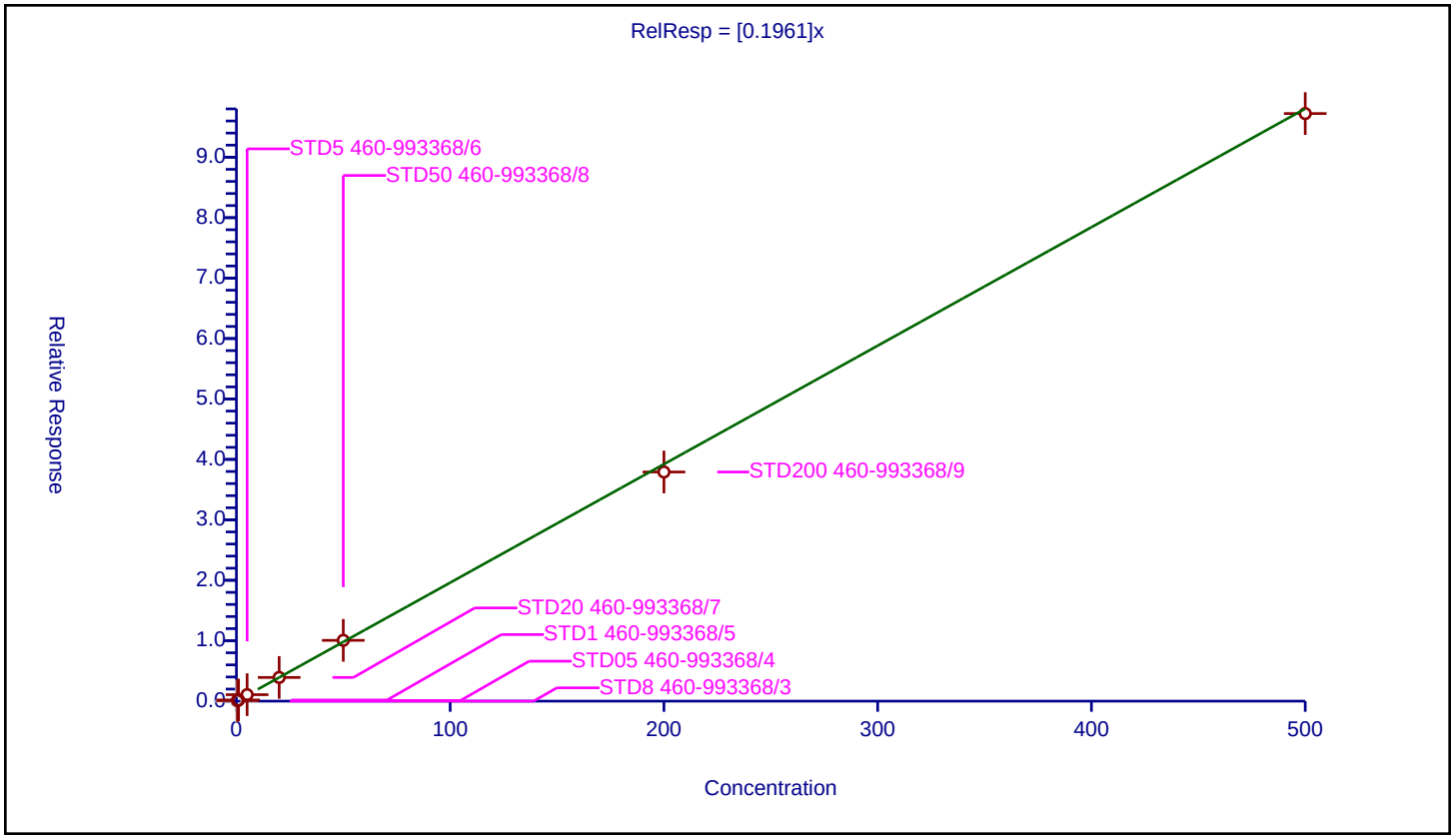
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.09271	50.0	296084.0	0.18542	Y
3	STD1 460-993368/5	1.0	0.191693	50.0	294482.0	0.191693	Y
4	STD5 460-993368/6	5.0	1.070592	50.0	301749.0	0.214118	Y
5	STD20 460-993368/7	20.0	3.918599	50.0	297836.0	0.19593	Y
6	STD50 460-993368/8	50.0	10.059744	50.0	308318.0	0.201195	Y
7	STD200 460-993368/9	200.0	37.917321	50.0	322863.0	0.189587	Y
8	STD500 460-993368/10	500.0	97.228347	50.0	330651.0	0.194457	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

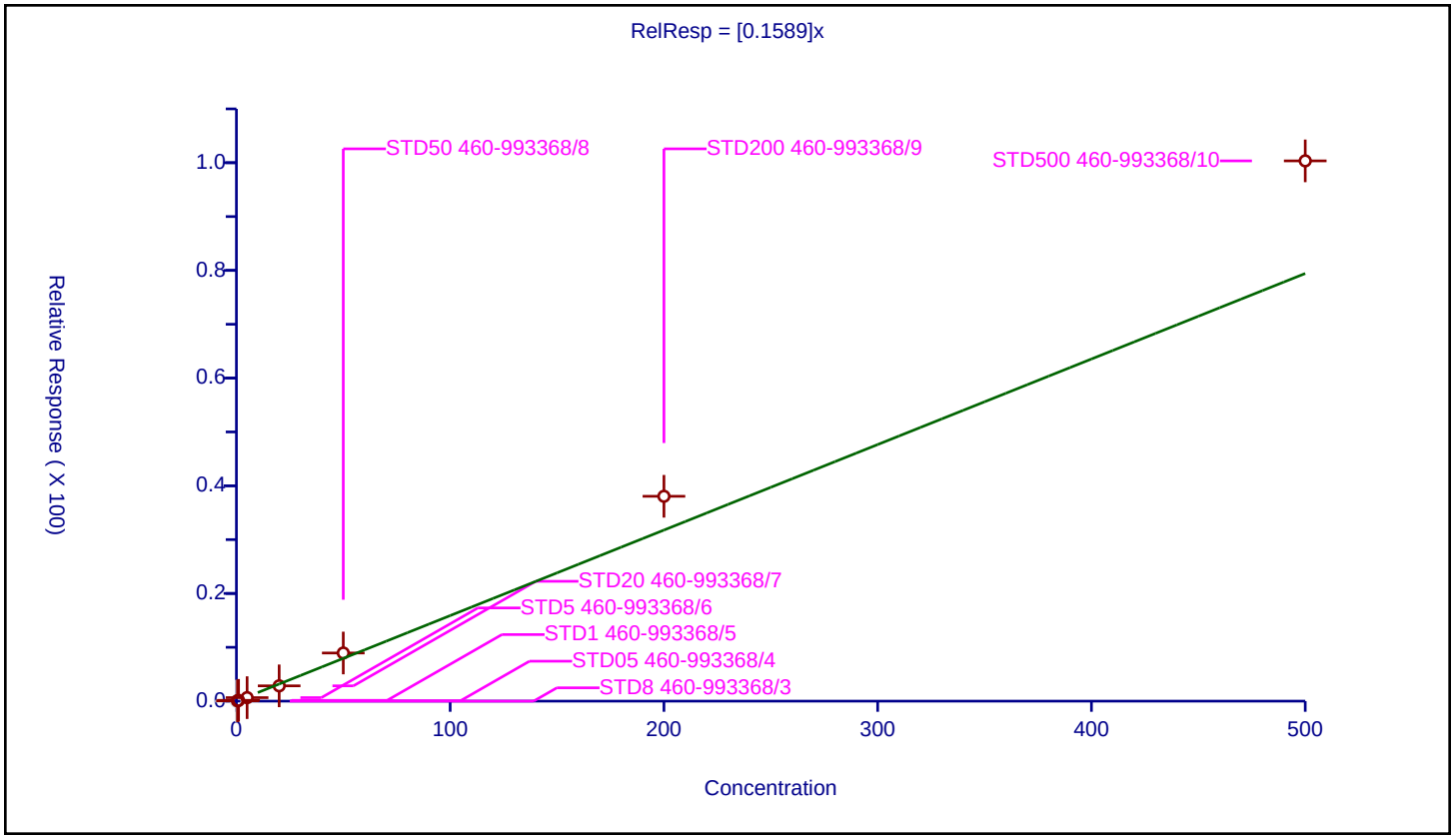
Curve Coefficients

Intercept:	0
Slope:	0.1589

Error Coefficients

Relative Standard Deviation:	19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.062989	50.0	296084.0	0.125978	Y
3	STD1 460-993368/5	1.0	0.144151	50.0	294482.0	0.144151	Y
4	STD5 460-993368/6	5.0	0.650044	50.0	301749.0	0.130009	Y
5	STD20 460-993368/7	20.0	2.841832	50.0	297836.0	0.142092	Y
6	STD50 460-993368/8	50.0	8.942553	50.0	308318.0	0.178851	Y
7	STD200 460-993368/9	200.0	38.047407	50.0	322863.0	0.190237	Y
8	STD500 460-993368/10	500.0	100.345833	50.0	330651.0	0.200692	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

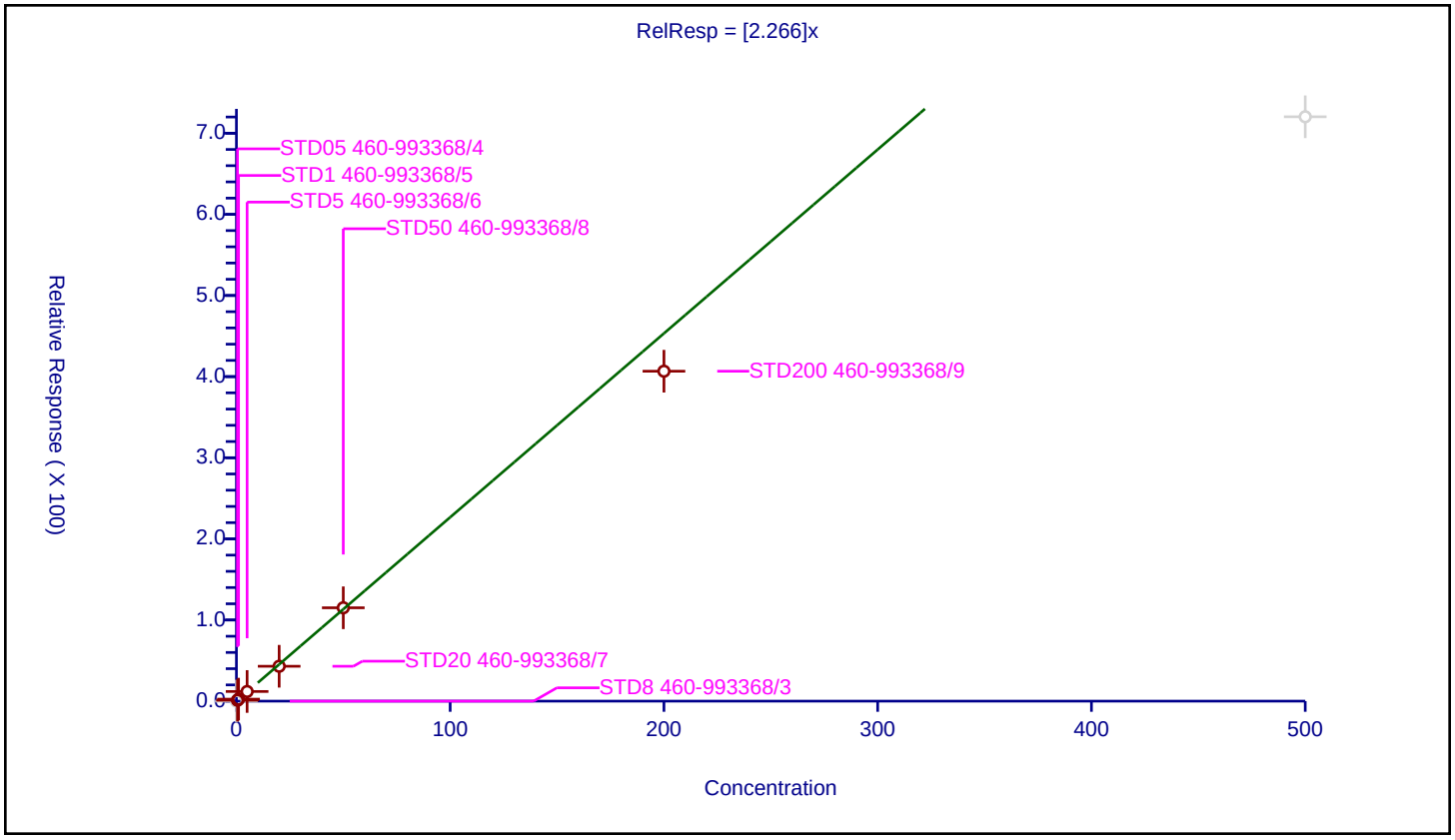
Curve Coefficients

Intercept:	0
Slope:	2.266

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.141906	50.0	296084.0	2.283811	Y
3	STD1 460-993368/5	1.0	2.446499	50.0	294482.0	2.446499	Y
4	STD5 460-993368/6	5.0	11.911556	50.0	301749.0	2.382311	Y
5	STD20 460-993368/7	20.0	43.005379	50.0	297836.0	2.150269	Y
6	STD50 460-993368/8	50.0	115.090426	50.0	308318.0	2.301809	Y
7	STD200 460-993368/9	200.0	406.678065	50.0	322863.0	2.03339	Y
8	STD500 460-993368/10	500.0	720.269862	50.0	330651.0	1.44054	N



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

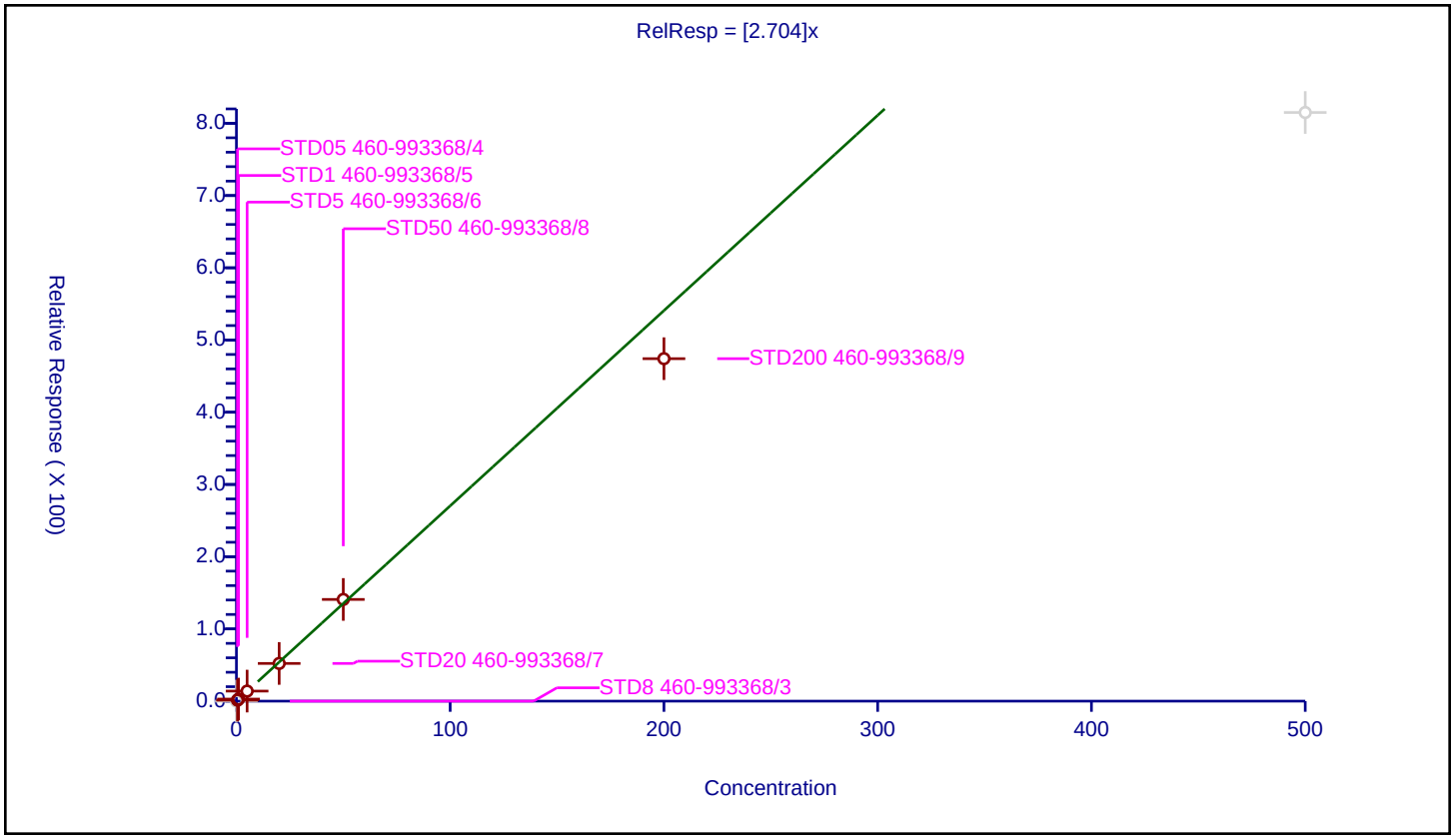
Curve Coefficients

Intercept:	0
Slope:	2.704

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.390822	50.0	296084.0	2.781643	Y
3	STD1 460-993368/5	1.0	2.858749	50.0	294482.0	2.858749	Y
4	STD5 460-993368/6	5.0	13.922499	50.0	301749.0	2.7845	Y
5	STD20 460-993368/7	20.0	52.209437	50.0	297836.0	2.610472	Y
6	STD50 460-993368/8	50.0	140.821976	50.0	308318.0	2.81644	Y
7	STD200 460-993368/9	200.0	474.190911	50.0	322863.0	2.370955	Y
8	STD500 460-993368/10	500.0	815.010237	50.0	330651.0	1.63002	N



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

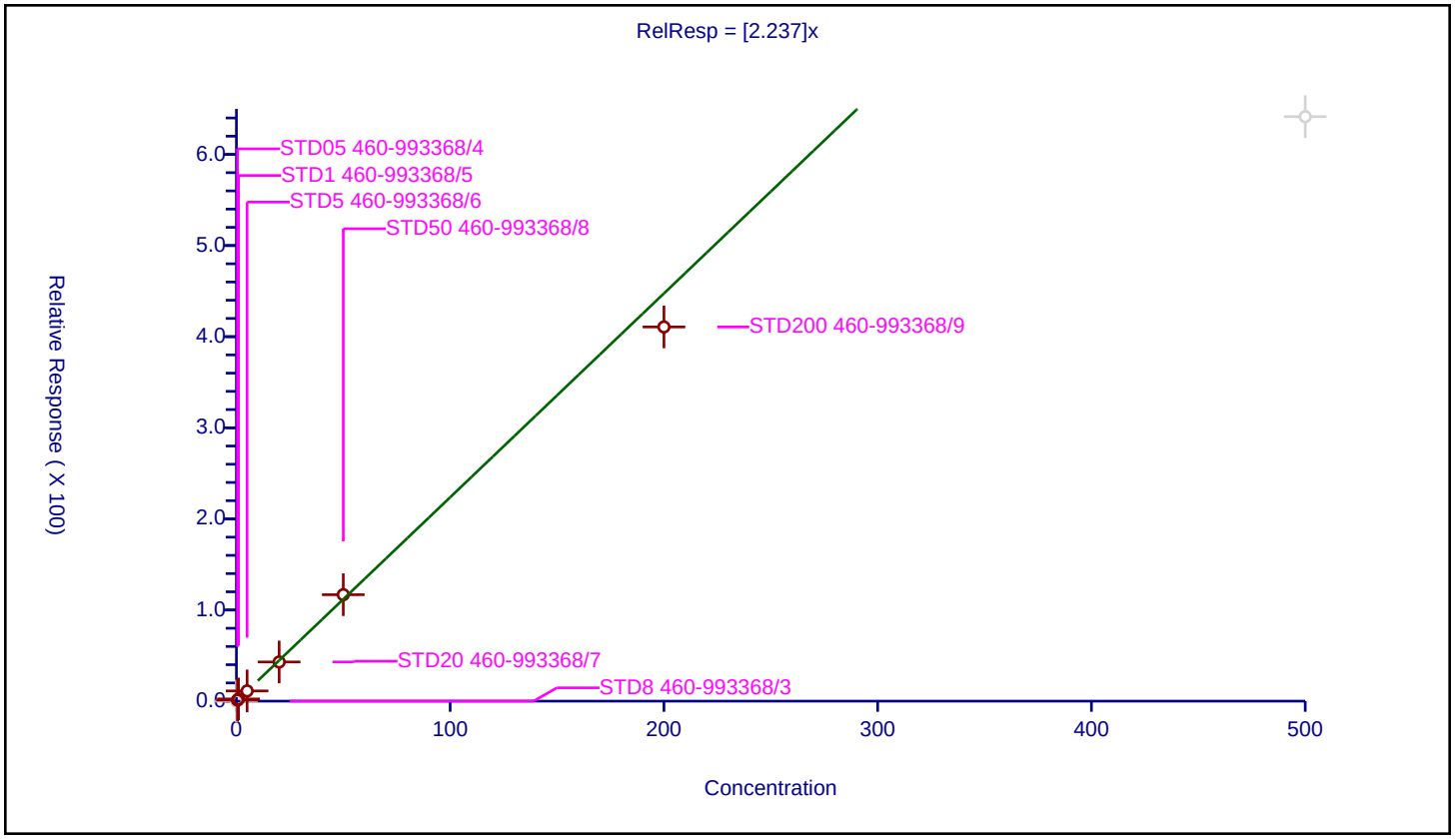
Curve Coefficients

Intercept:	0
Slope:	2.237

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.119446	50.0	296084.0	2.238892	Y
3	STD1 460-993368/5	1.0	2.403033	50.0	294482.0	2.403033	Y
4	STD5 460-993368/6	5.0	11.215944	50.0	301749.0	2.243189	Y
5	STD20 460-993368/7	20.0	42.976672	50.0	297836.0	2.148834	Y
6	STD50 460-993368/8	50.0	116.83327	50.0	308318.0	2.336665	Y
7	STD200 460-993368/9	200.0	410.697107	50.0	322863.0	2.053486	Y
8	STD500 460-993368/10	500.0	641.451863	50.0	330651.0	1.282904	N



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

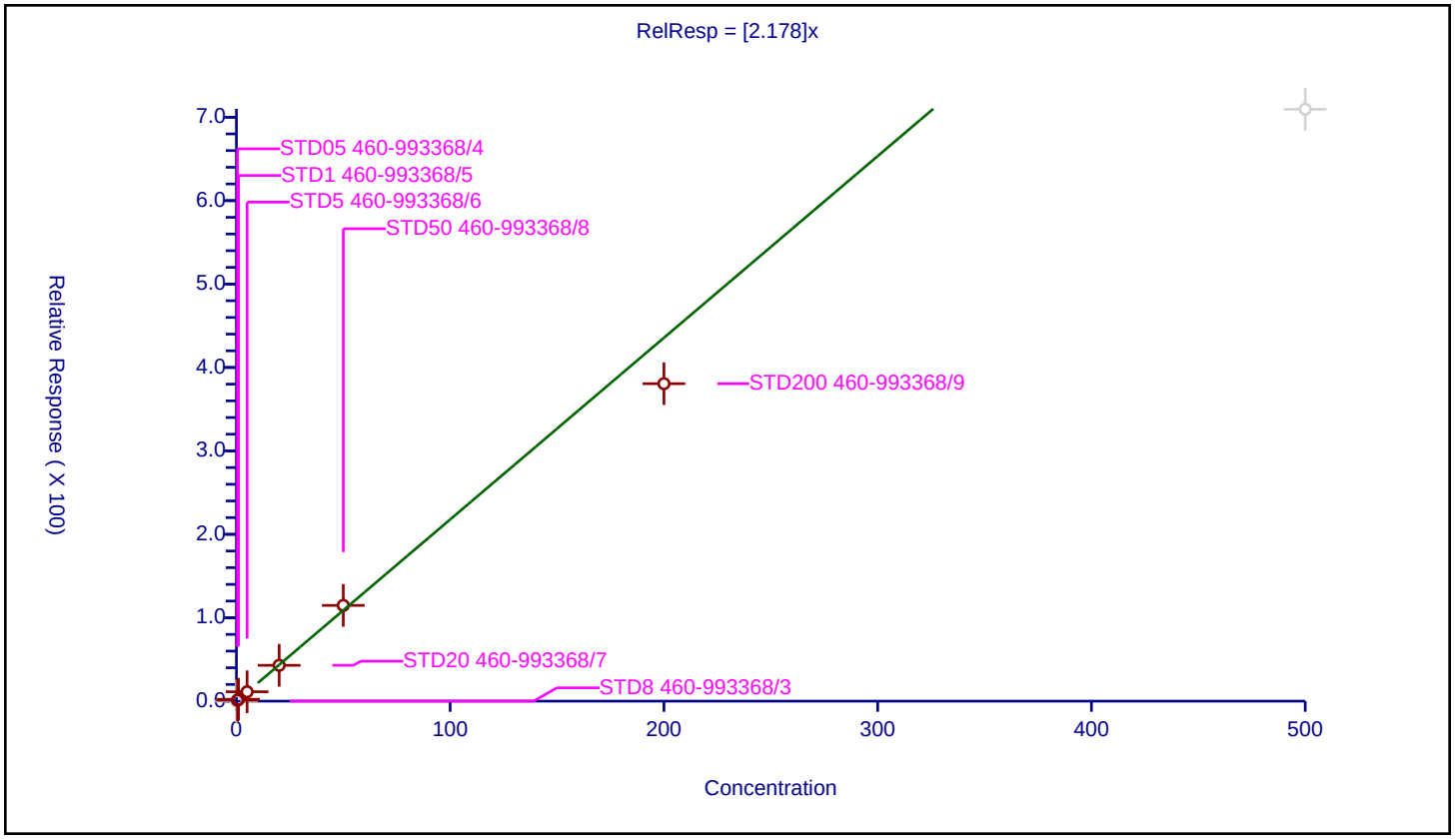
Curve Coefficients

Intercept:	0
Slope:	2.178

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.127889	50.0	296084.0	2.255779	Y
3	STD1 460-993368/5	1.0	2.218642	50.0	294482.0	2.218642	Y
4	STD5 460-993368/6	5.0	11.241131	50.0	301749.0	2.248226	Y
5	STD20 460-993368/7	20.0	42.940746	50.0	297836.0	2.147037	Y
6	STD50 460-993368/8	50.0	114.771113	50.0	308318.0	2.295422	Y
7	STD200 460-993368/9	200.0	380.582166	50.0	322863.0	1.902911	Y
8	STD500 460-993368/10	500.0	709.559929	50.0	330651.0	1.41912	N



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

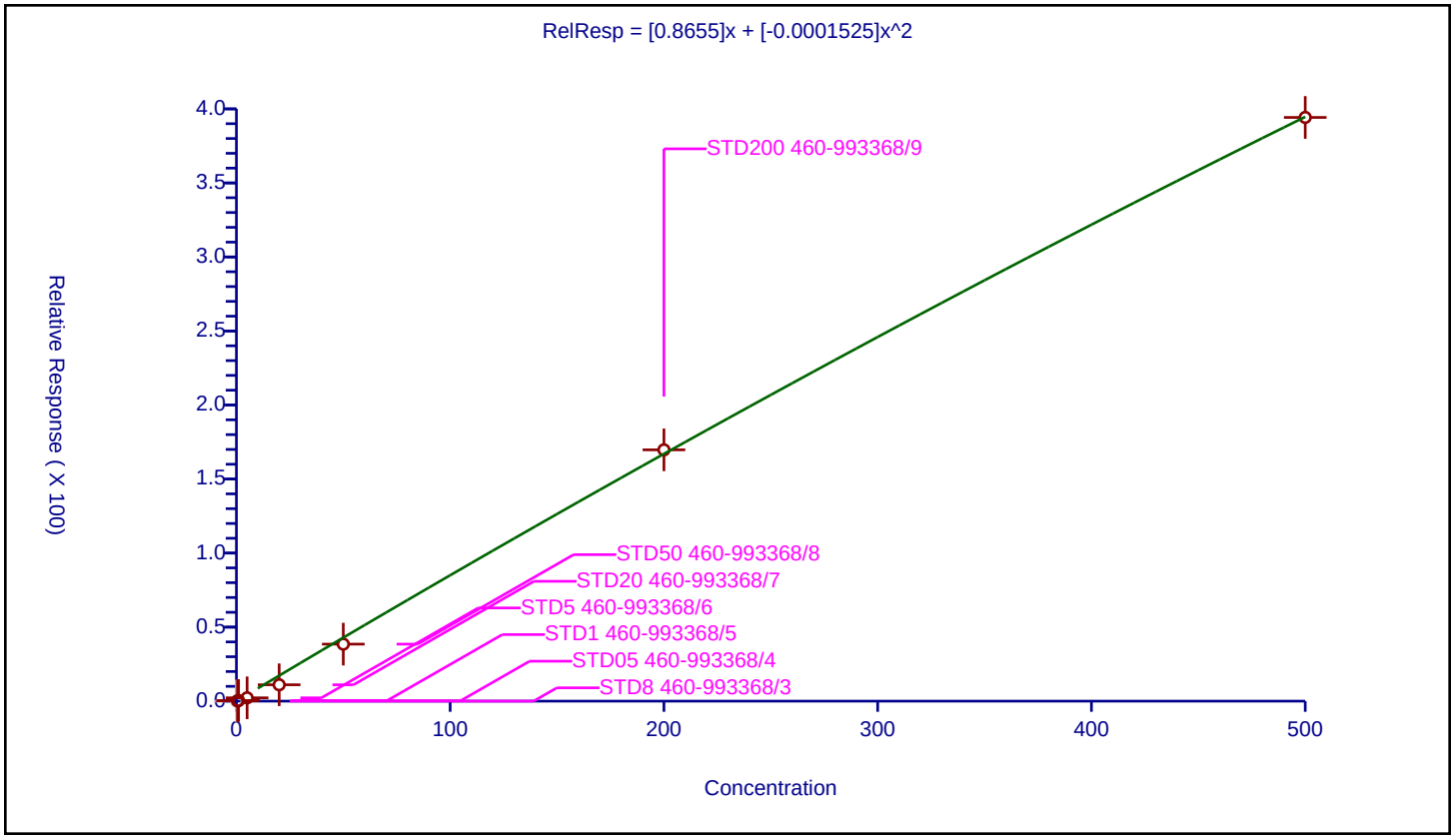
Curve Coefficients

Intercept:	0
Slope:	0.8655
Second Order:	-0.0001525

Error Coefficients

Relative Standard Deviation:	44.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.186771	50.0	296084.0	0.373543	Y
3	STD1 460-993368/5	1.0	0.381008	50.0	294482.0	0.381008	Y
4	STD5 460-993368/6	5.0	2.243587	50.0	301749.0	0.448717	Y
5	STD20 460-993368/7	20.0	11.05172	50.0	297836.0	0.552586	Y
6	STD50 460-993368/8	50.0	38.509429	50.0	308318.0	0.770189	Y
7	STD200 460-993368/9	200.0	169.723691	50.0	322863.0	0.848618	Y
8	STD500 460-993368/10	500.0	394.233497	50.0	330651.0	0.788467	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

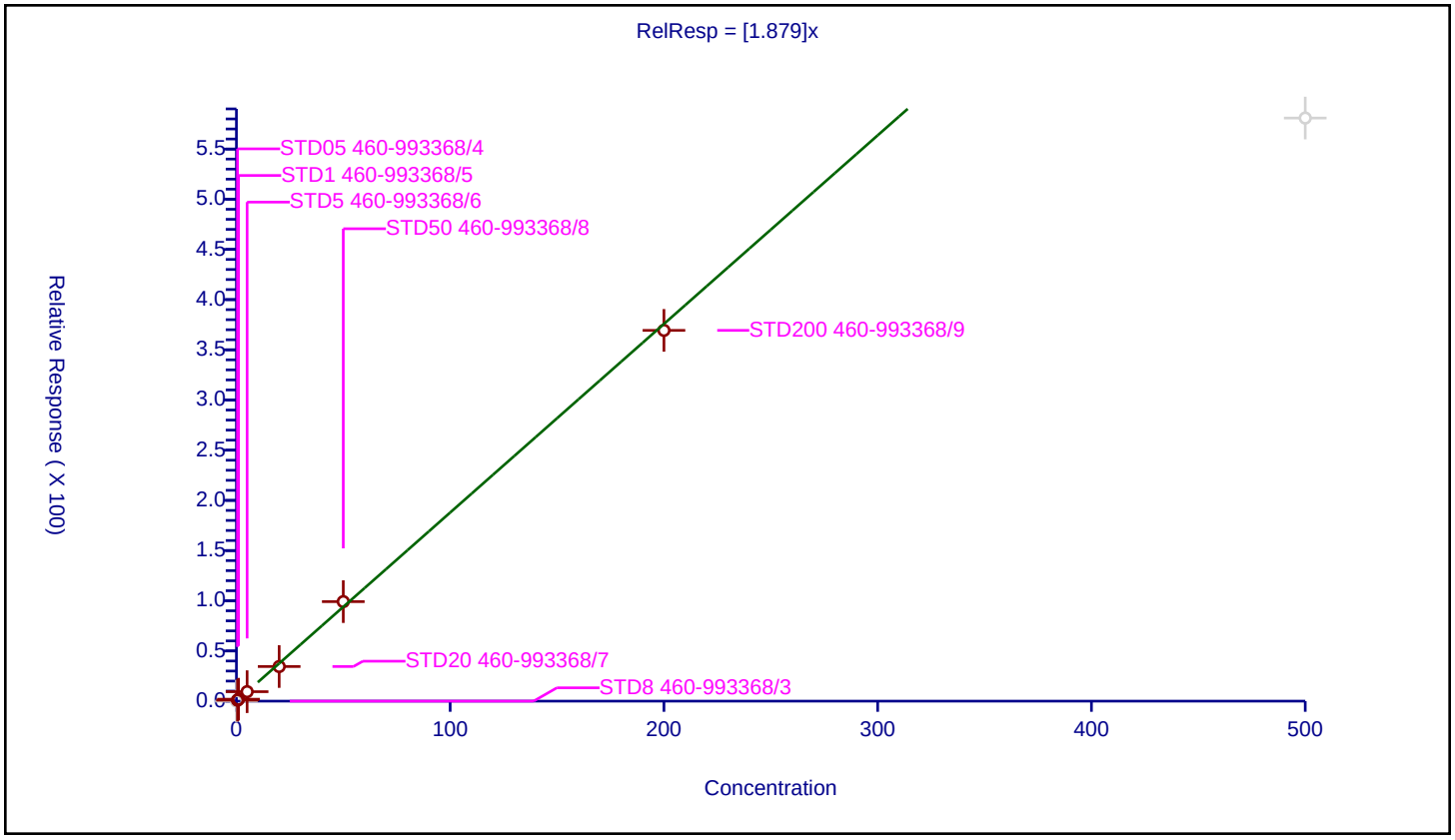
Curve Coefficients

Intercept:	0
Slope:	1.879

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.957836	50.0	296084.0	1.915673	Y
3	STD1 460-993368/5	1.0	1.920491	50.0	294482.0	1.920491	Y
4	STD5 460-993368/6	5.0	9.419584	50.0	301749.0	1.883917	Y
5	STD20 460-993368/7	20.0	34.466283	50.0	297836.0	1.723314	Y
6	STD50 460-993368/8	50.0	99.133038	50.0	308318.0	1.982661	Y
7	STD200 460-993368/9	200.0	369.349074	50.0	322863.0	1.846745	Y
8	STD500 460-993368/10	500.0	580.88362	50.0	330651.0	1.161767	N



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

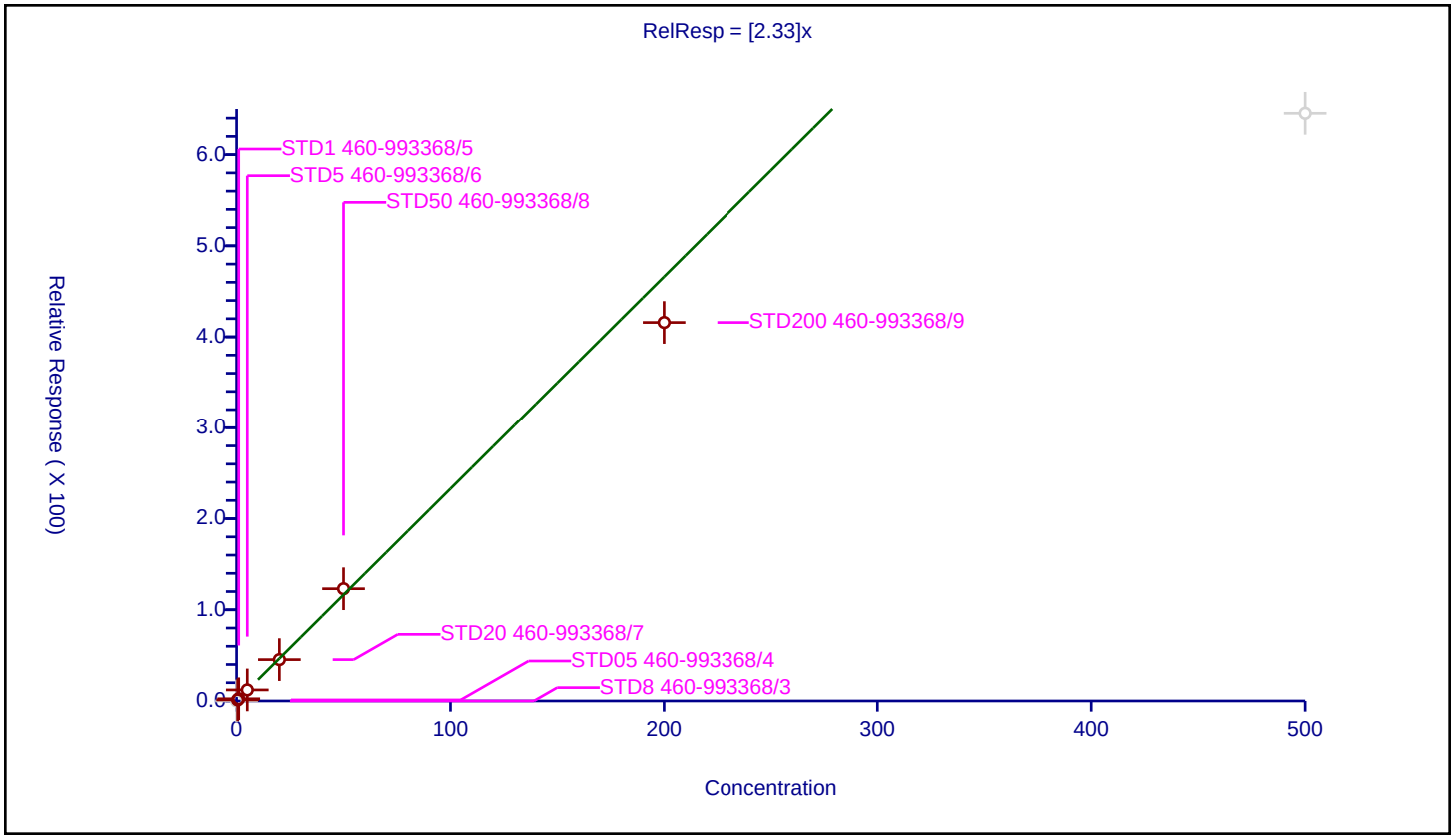
Curve Coefficients

Intercept:	0
Slope:	2.33

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.162508	50.0	296084.0	2.325016	Y
3	STD1 460-993368/5	1.0	2.421031	50.0	294482.0	2.421031	Y
4	STD5 460-993368/6	5.0	12.127298	50.0	301749.0	2.42546	Y
5	STD20 460-993368/7	20.0	45.364899	50.0	297836.0	2.268245	Y
6	STD50 460-993368/8	50.0	123.116555	50.0	308318.0	2.462331	Y
7	STD200 460-993368/9	200.0	415.844801	50.0	322863.0	2.079224	Y
8	STD500 460-993368/10	500.0	645.307741	50.0	330651.0	1.290615	N



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

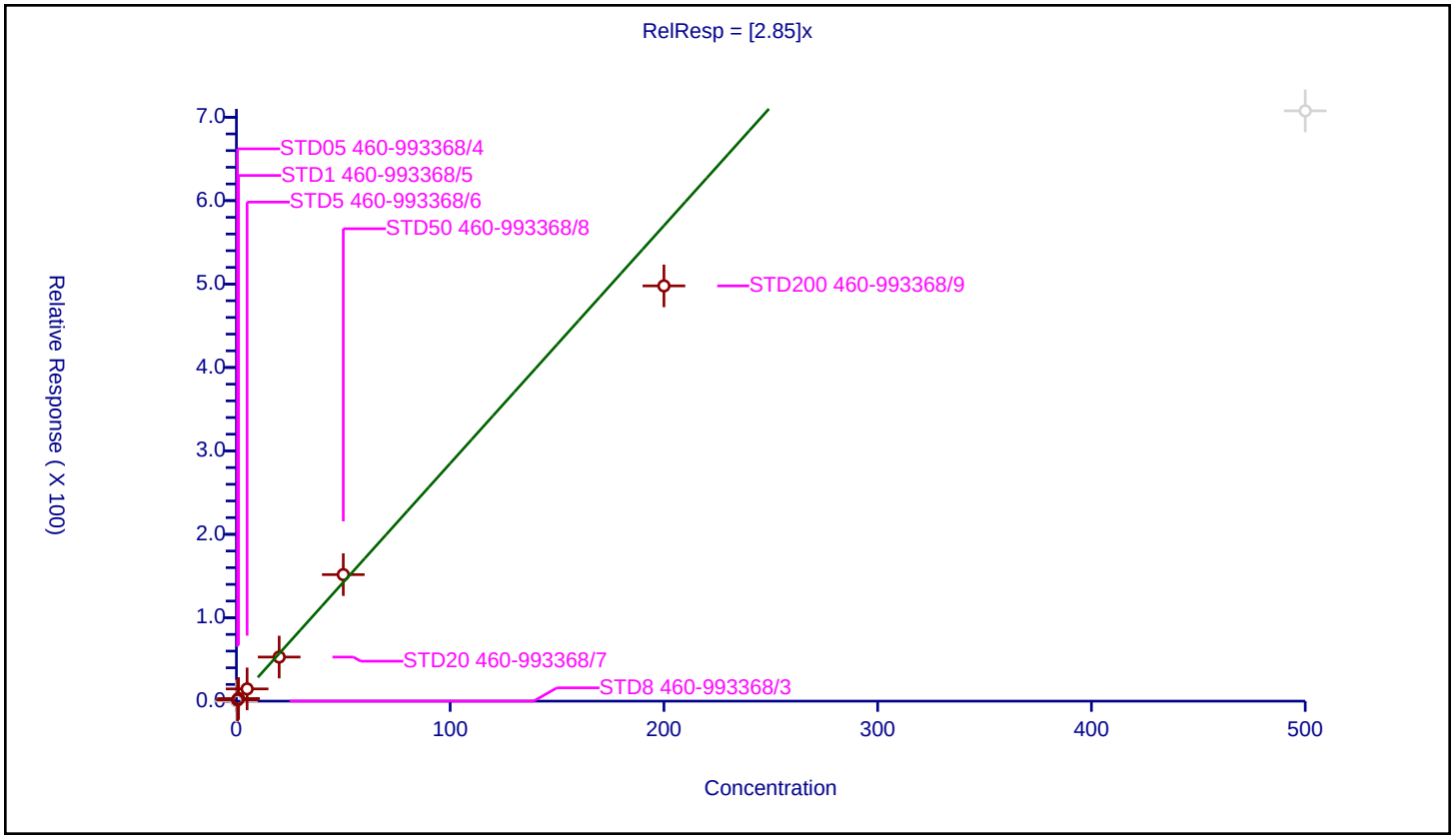
Curve Coefficients

Intercept:	0
Slope:	2.85

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.446211	50.0	296084.0	2.892422	Y
3	STD1 460-993368/5	1.0	3.106302	50.0	294482.0	3.106302	Y
4	STD5 460-993368/6	5.0	14.679585	50.0	301749.0	2.935917	Y
5	STD20 460-993368/7	20.0	52.863321	50.0	297836.0	2.643166	Y
6	STD50 460-993368/8	50.0	151.694841	50.0	308318.0	3.033897	Y
7	STD200 460-993368/9	200.0	497.822141	50.0	322863.0	2.489111	Y
8	STD500 460-993368/10	500.0	707.630855	50.0	330651.0	1.415262	N



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

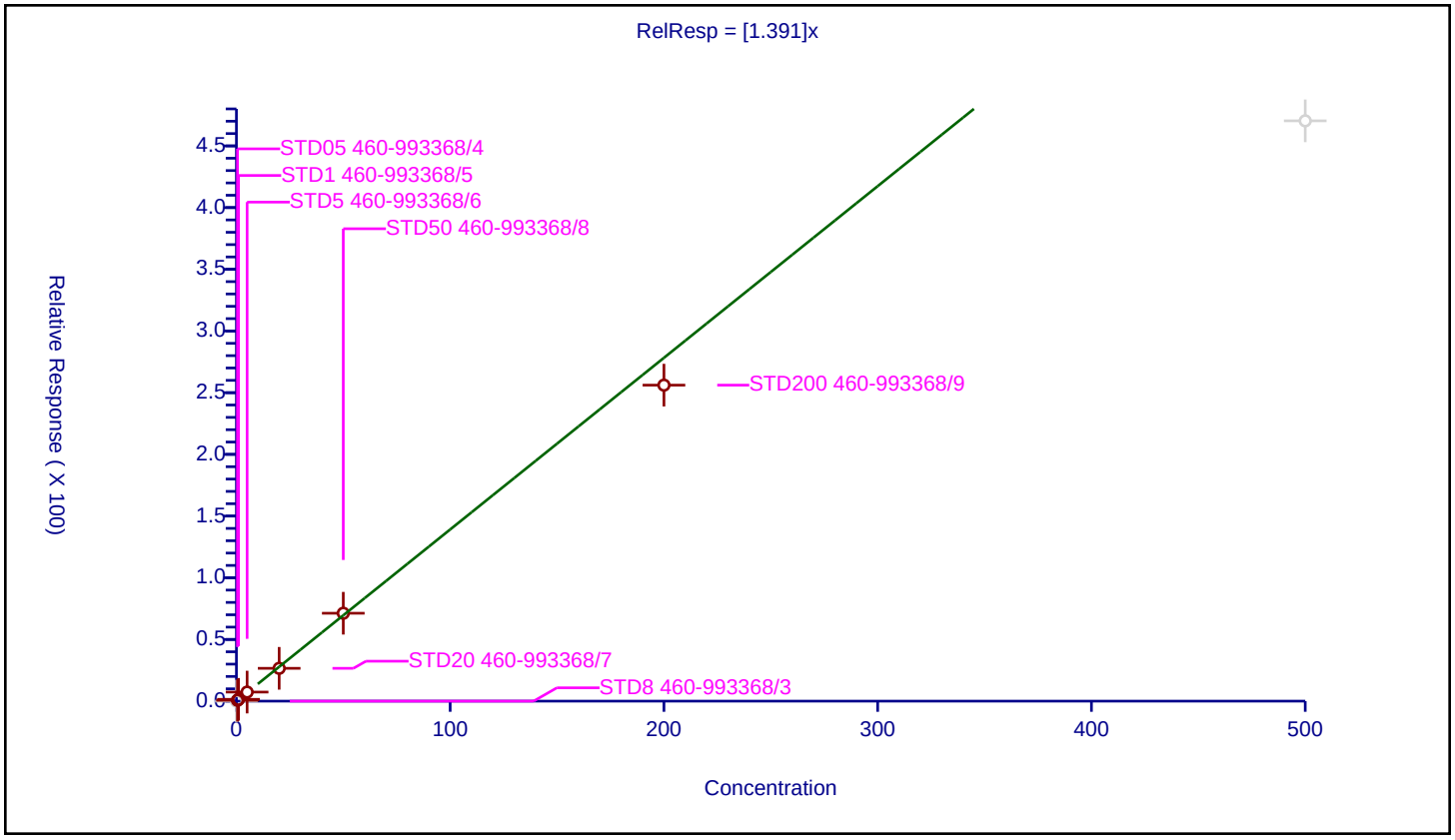
Curve Coefficients

Intercept:	0
Slope:	1.391

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.69845	50.0	296084.0	1.396901	Y
3	STD1 460-993368/5	1.0	1.447287	50.0	294482.0	1.447287	Y
4	STD5 460-993368/6	5.0	7.340372	50.0	301749.0	1.468074	Y
5	STD20 460-993368/7	20.0	26.596348	50.0	297836.0	1.329817	Y
6	STD50 460-993368/8	50.0	71.25257	50.0	308318.0	1.425051	Y
7	STD200 460-993368/9	200.0	256.107699	50.0	322863.0	1.280538	Y
8	STD500 460-993368/10	500.0	470.30328	50.0	330651.0	0.940607	N



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

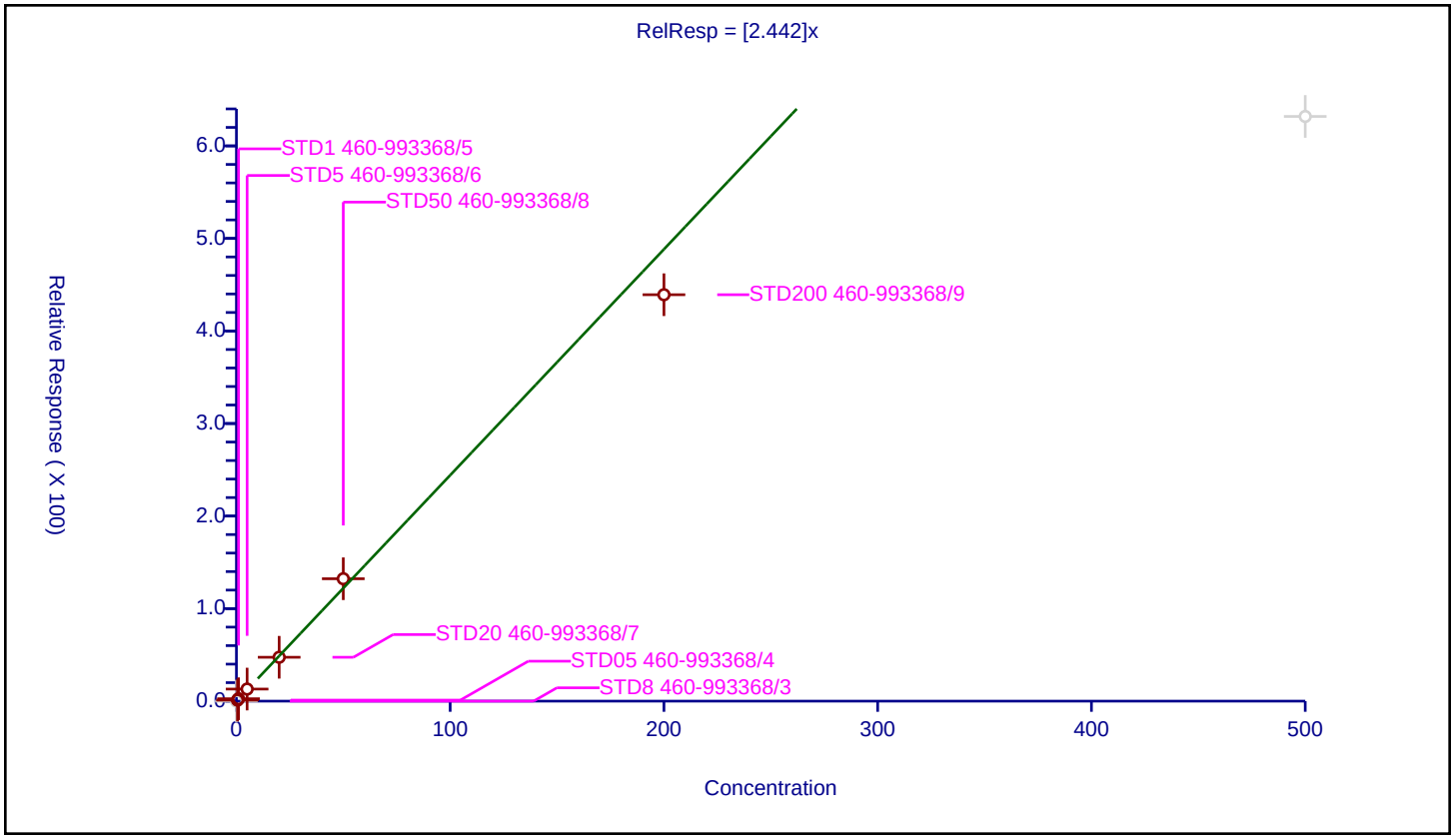
Curve Coefficients

Intercept:	0
Slope:	2.442

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.112184	50.0	296084.0	2.224369	Y
3	STD1 460-993368/5	1.0	2.601008	50.0	294482.0	2.601008	Y
4	STD5 460-993368/6	5.0	13.062512	50.0	301749.0	2.612502	Y
5	STD20 460-993368/7	20.0	47.403773	50.0	297836.0	2.370189	Y
6	STD50 460-993368/8	50.0	132.258415	50.0	308318.0	2.645168	Y
7	STD200 460-993368/9	200.0	439.180241	50.0	322863.0	2.195901	Y
8	STD500 460-993368/10	500.0	631.823433	50.0	330651.0	1.263647	N



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

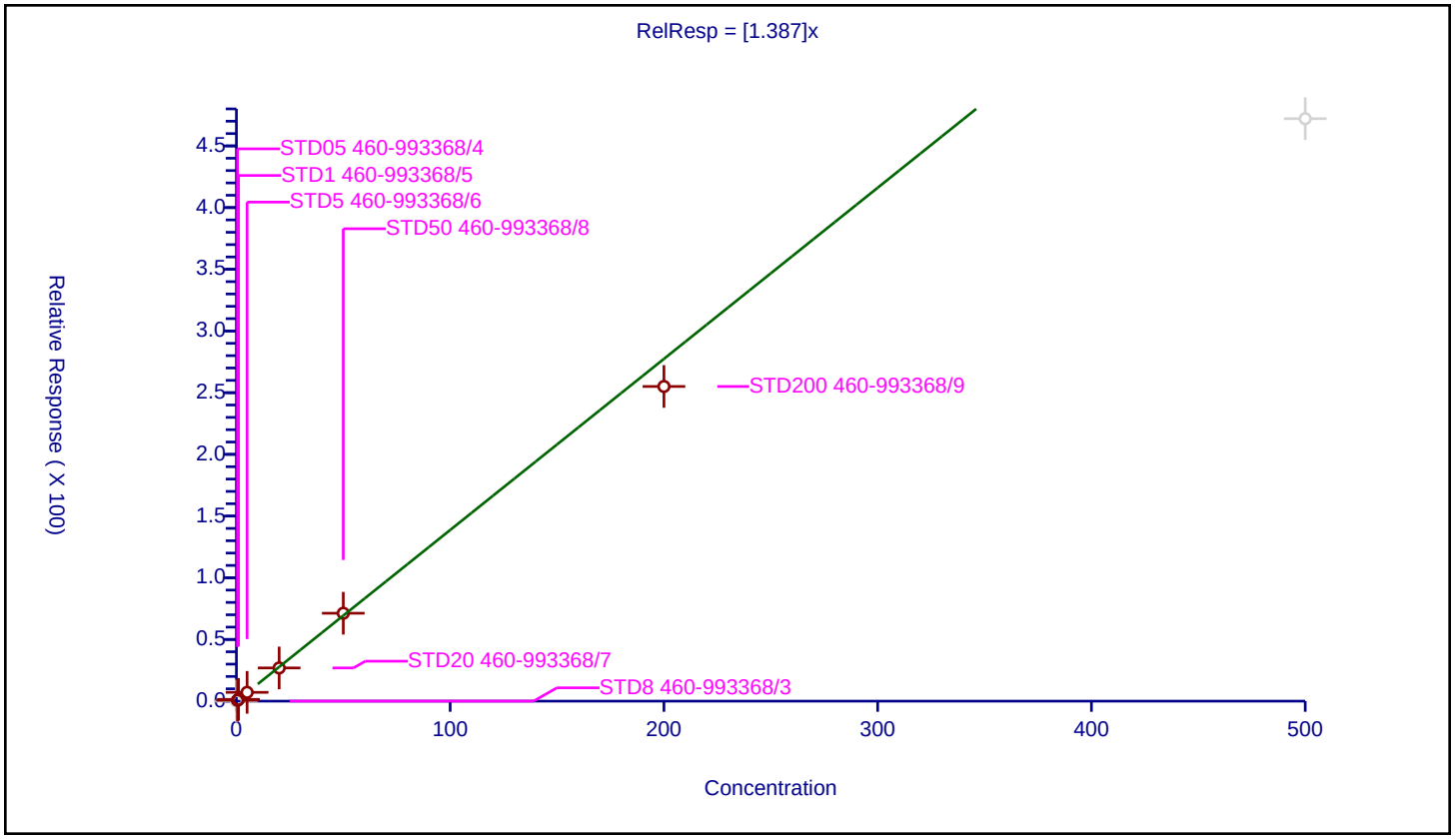
Curve Coefficients

Intercept:	0
Slope:	1.387

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.706894	50.0	296084.0	1.413788	Y
3	STD1 460-993368/5	1.0	1.43727	50.0	294482.0	1.43727	Y
4	STD5 460-993368/6	5.0	7.129104	50.0	301749.0	1.425821	Y
5	STD20 460-993368/7	20.0	26.897017	50.0	297836.0	1.344851	Y
6	STD50 460-993368/8	50.0	71.244138	50.0	308318.0	1.424883	Y
7	STD200 460-993368/9	200.0	255.033404	50.0	322863.0	1.275167	Y
8	STD500 460-993368/10	500.0	472.052708	50.0	330651.0	0.944105	N



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

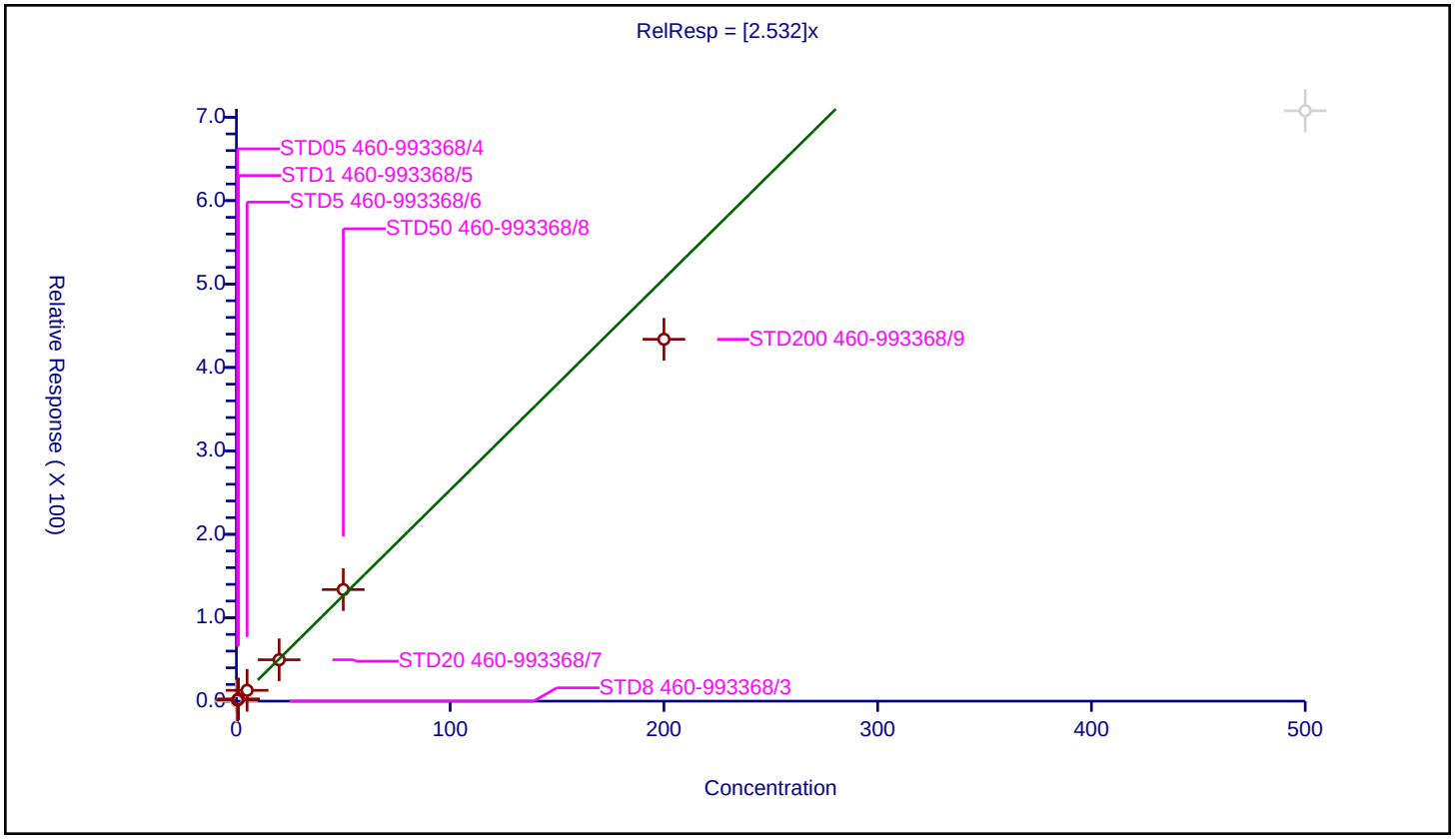
Curve Coefficients

Intercept:	0
Slope:	2.532

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.298111	50.0	296084.0	2.596223	Y
3	STD1 460-993368/5	1.0	2.678941	50.0	294482.0	2.678941	Y
4	STD5 460-993368/6	5.0	12.963755	50.0	301749.0	2.592751	Y
5	STD20 460-993368/7	20.0	49.591554	50.0	297836.0	2.479578	Y
6	STD50 460-993368/8	50.0	133.727839	50.0	308318.0	2.674557	Y
7	STD200 460-993368/9	200.0	433.814652	50.0	322863.0	2.169073	Y
8	STD500 460-993368/10	500.0	707.722947	50.0	330651.0	1.415446	N



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

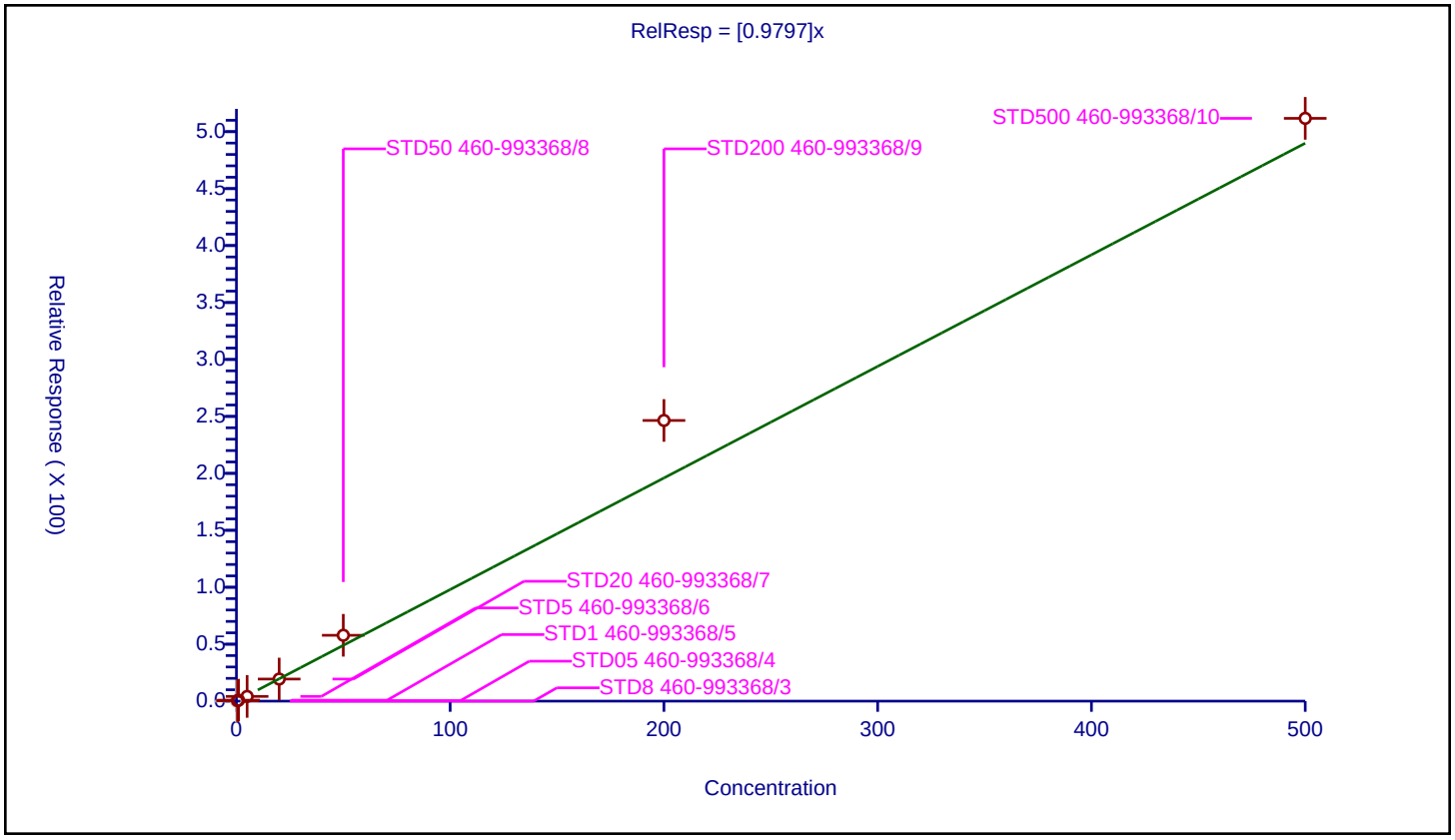
Curve Coefficients

Intercept:	0
Slope:	0.9797

Error Coefficients

Relative Standard Deviation:	17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.407823	50.0	296084.0	0.815647	Y
3	STD1 460-993368/5	1.0	0.83146	50.0	294482.0	0.83146	Y
4	STD5 460-993368/6	5.0	4.144836	50.0	301749.0	0.828967	Y
5	STD20 460-993368/7	20.0	19.394566	50.0	297836.0	0.969728	Y
6	STD50 460-993368/8	50.0	57.825849	50.0	308318.0	1.156517	Y
7	STD200 460-993368/9	200.0	246.434246	50.0	322863.0	1.232171	Y
8	STD500 460-993368/10	500.0	511.689969	50.0	330651.0	1.02338	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

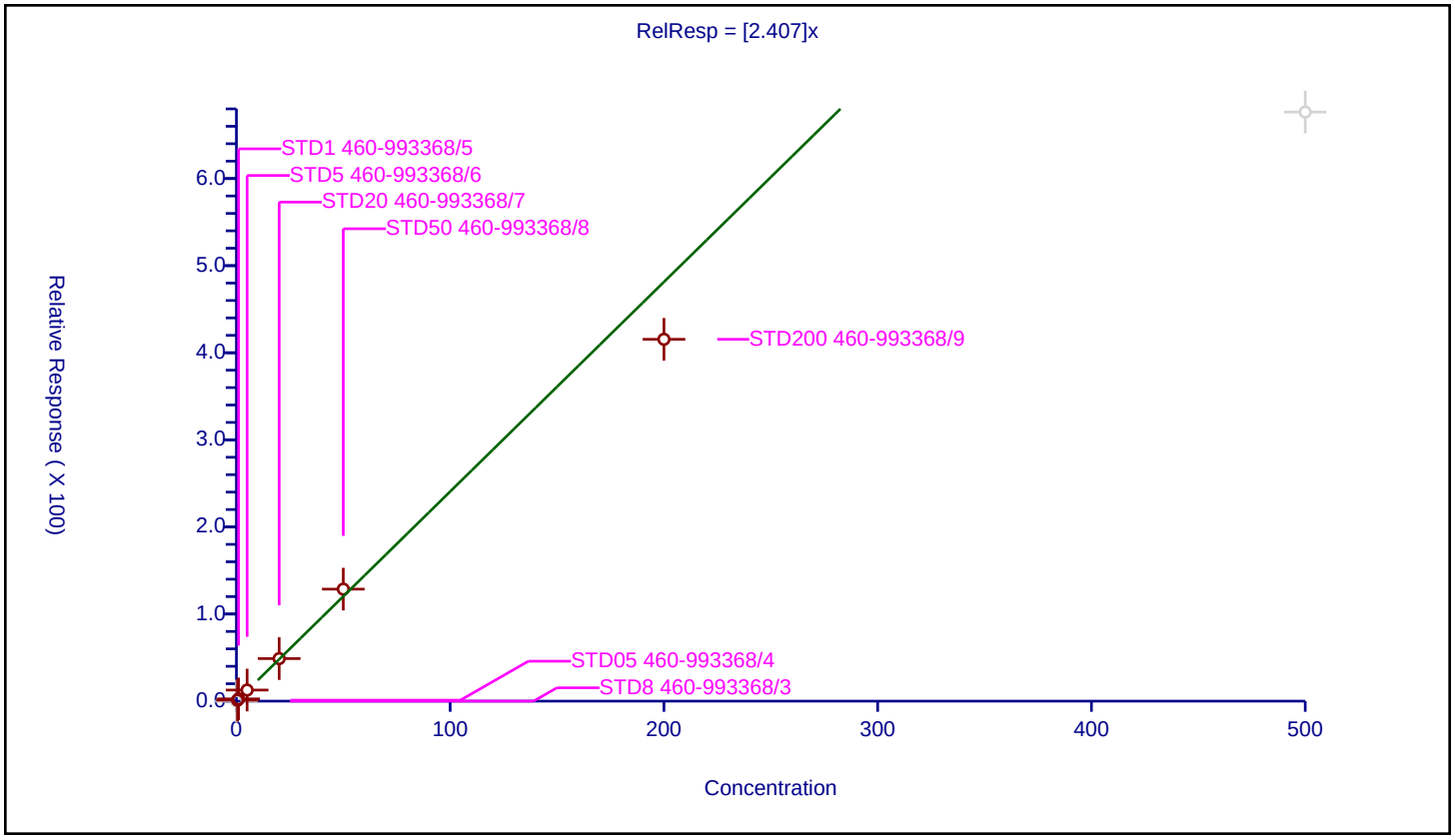
Curve Coefficients

Intercept:	0
Slope:	2.407

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.111678	50.0	296084.0	2.223356	Y
3	STD1 460-993368/5	1.0	2.574521	50.0	294482.0	2.574521	Y
4	STD5 460-993368/6	5.0	12.748178	50.0	301749.0	2.549636	Y
5	STD20 460-993368/7	20.0	48.841812	50.0	297836.0	2.442091	Y
6	STD50 460-993368/8	50.0	128.620126	50.0	308318.0	2.572403	Y
7	STD200 460-993368/9	200.0	415.444631	50.0	322863.0	2.077223	Y
8	STD500 460-993368/10	500.0	676.345301	50.0	330651.0	1.352691	N



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

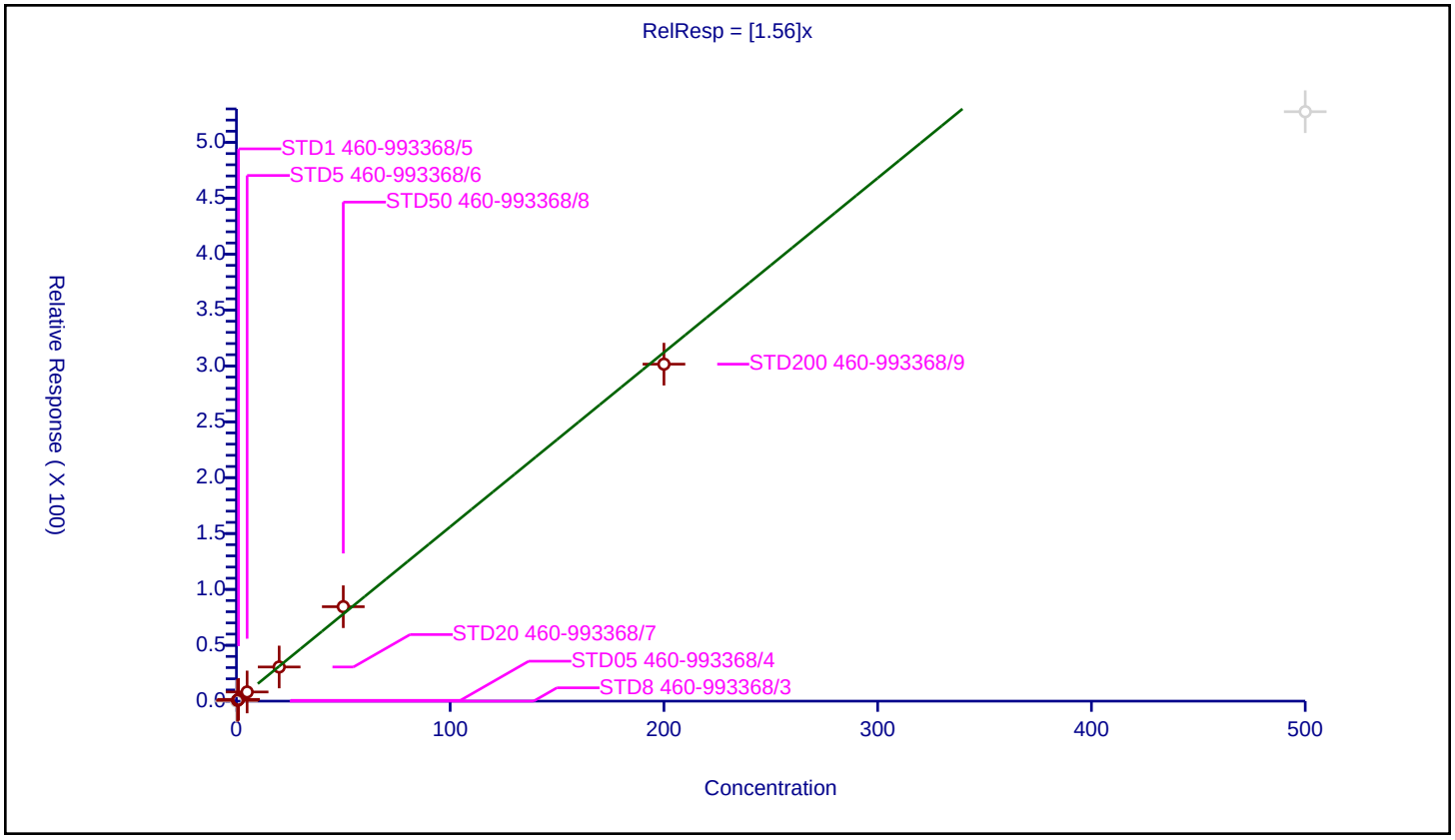
Curve Coefficients

Intercept:	0
Slope:	1.56

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.71044	50.0	296084.0	1.420881	Y
3	STD1 460-993368/5	1.0	1.571573	50.0	294482.0	1.571573	Y
4	STD5 460-993368/6	5.0	8.216929	50.0	301749.0	1.643386	Y
5	STD20 460-993368/7	20.0	30.56615	50.0	297836.0	1.528308	Y
6	STD50 460-993368/8	50.0	84.50804	50.0	308318.0	1.690161	Y
7	STD200 460-993368/9	200.0	301.57683	50.0	322863.0	1.507884	Y
8	STD500 460-993368/10	500.0	527.503319	50.0	330651.0	1.055007	N



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

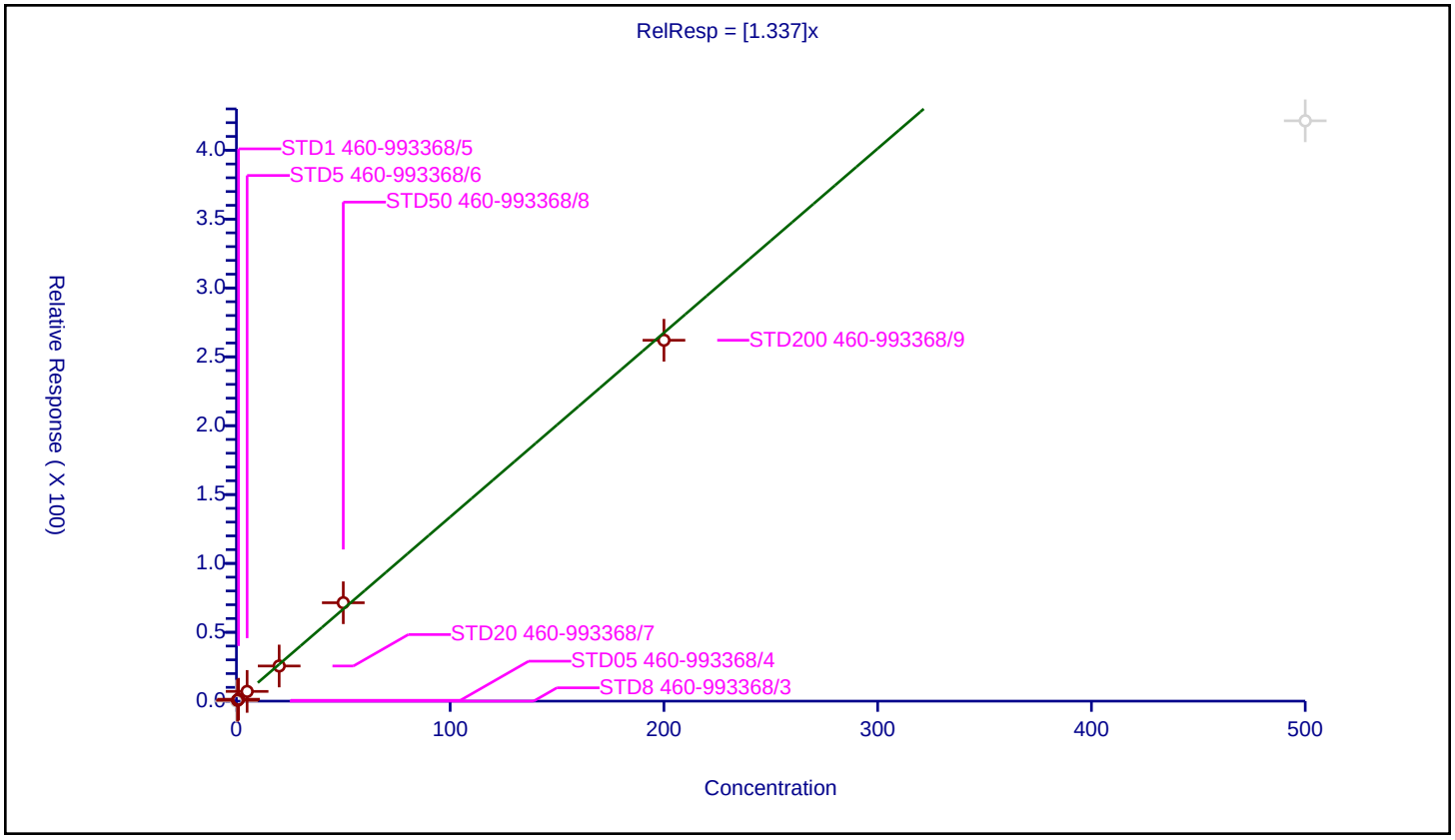
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.60422	50.0	296084.0	1.208441	Y
3	STD1 460-993368/5	1.0	1.38837	50.0	294482.0	1.38837	Y
4	STD5 460-993368/6	5.0	7.059013	50.0	301749.0	1.411803	Y
5	STD20 460-993368/7	20.0	25.521428	50.0	297836.0	1.276071	Y
6	STD50 460-993368/8	50.0	71.44831	50.0	308318.0	1.428966	Y
7	STD200 460-993368/9	200.0	262.042105	50.0	322863.0	1.310211	Y
8	STD500 460-993368/10	500.0	421.353028	50.0	330651.0	0.842706	N



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

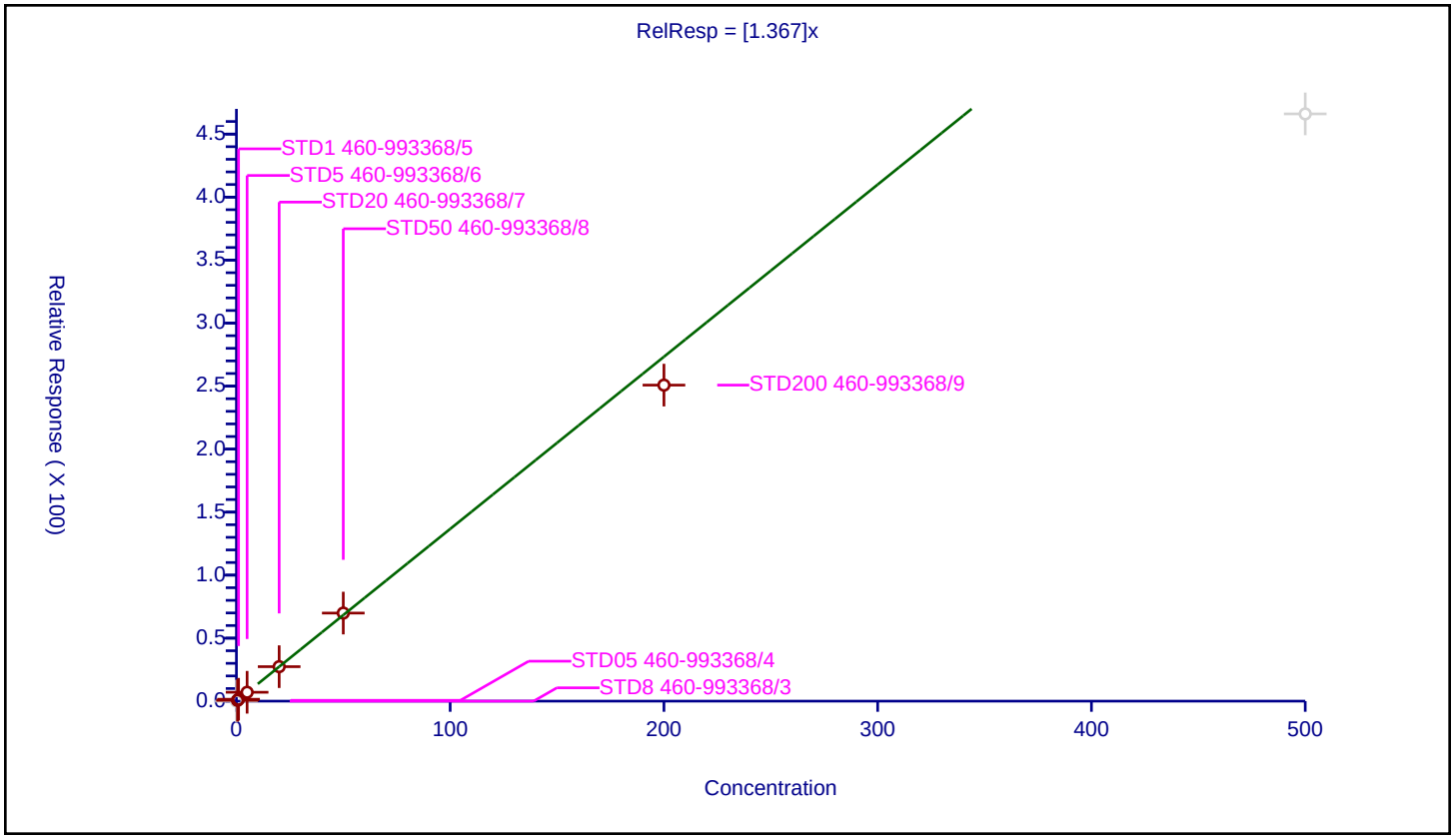
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.637995	50.0	296084.0	1.275989	Y
3	STD1 460-993368/5	1.0	1.495338	50.0	294482.0	1.495338	Y
4	STD5 460-993368/6	5.0	7.041448	50.0	301749.0	1.40829	Y
5	STD20 460-993368/7	20.0	27.360192	50.0	297836.0	1.36801	Y
6	STD50 460-993368/8	50.0	69.877043	50.0	308318.0	1.397541	Y
7	STD200 460-993368/9	200.0	250.791667	50.0	322863.0	1.253958	Y
8	STD500 460-993368/10	500.0	466.016737	50.0	330651.0	0.932033	N



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

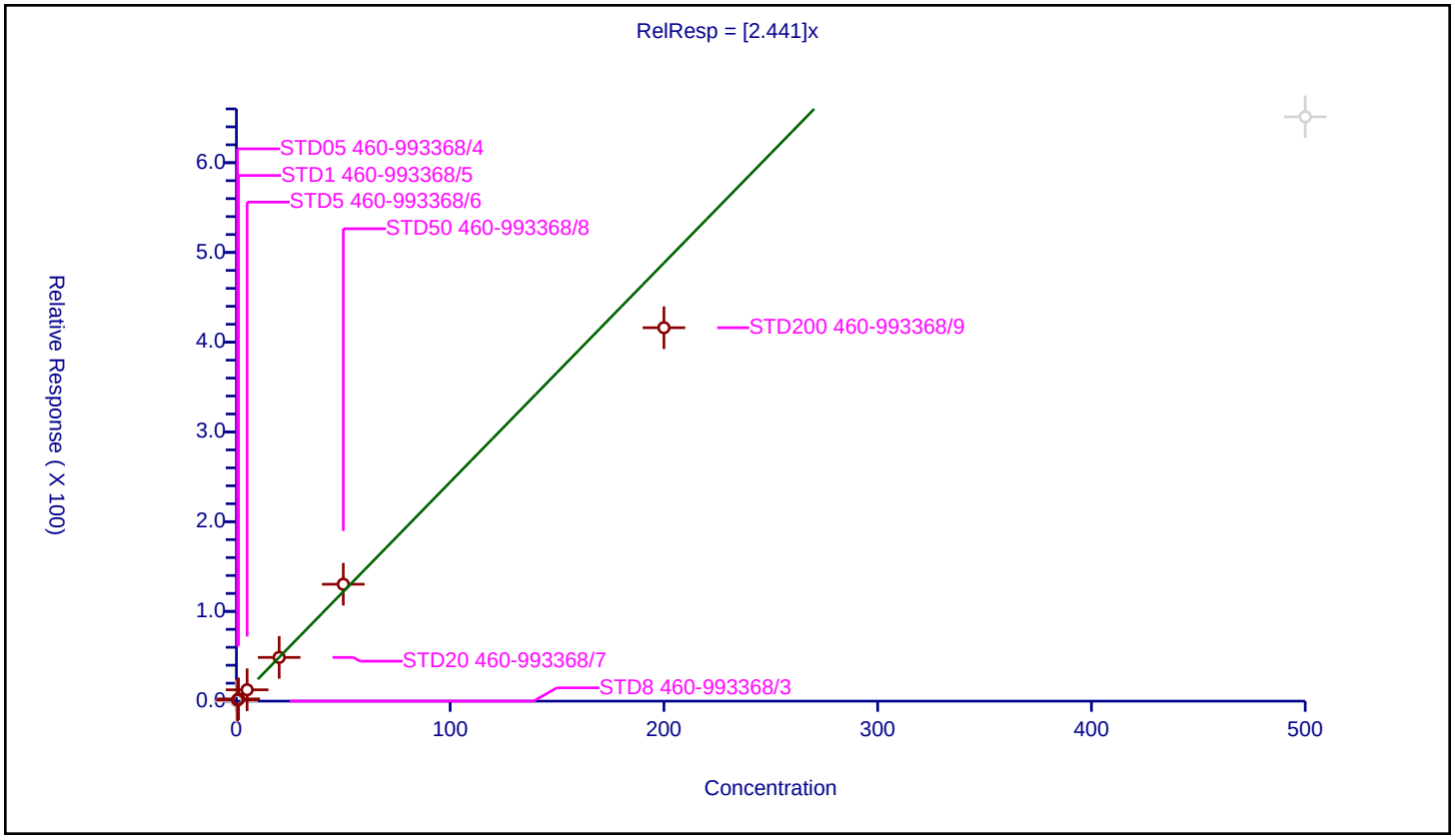
Curve Coefficients

Intercept:	0
Slope:	2.441

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.249476	50.0	296084.0	2.498953	Y
3	STD1 460-993368/5	1.0	2.496248	50.0	294482.0	2.496248	Y
4	STD5 460-993368/6	5.0	12.653894	50.0	301749.0	2.530779	Y
5	STD20 460-993368/7	20.0	48.730006	50.0	297836.0	2.4365	Y
6	STD50 460-993368/8	50.0	130.27037	50.0	308318.0	2.605407	Y
7	STD200 460-993368/9	200.0	416.152052	50.0	322863.0	2.08076	Y
8	STD500 460-993368/10	500.0	651.192798	50.0	330651.0	1.302386	N



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

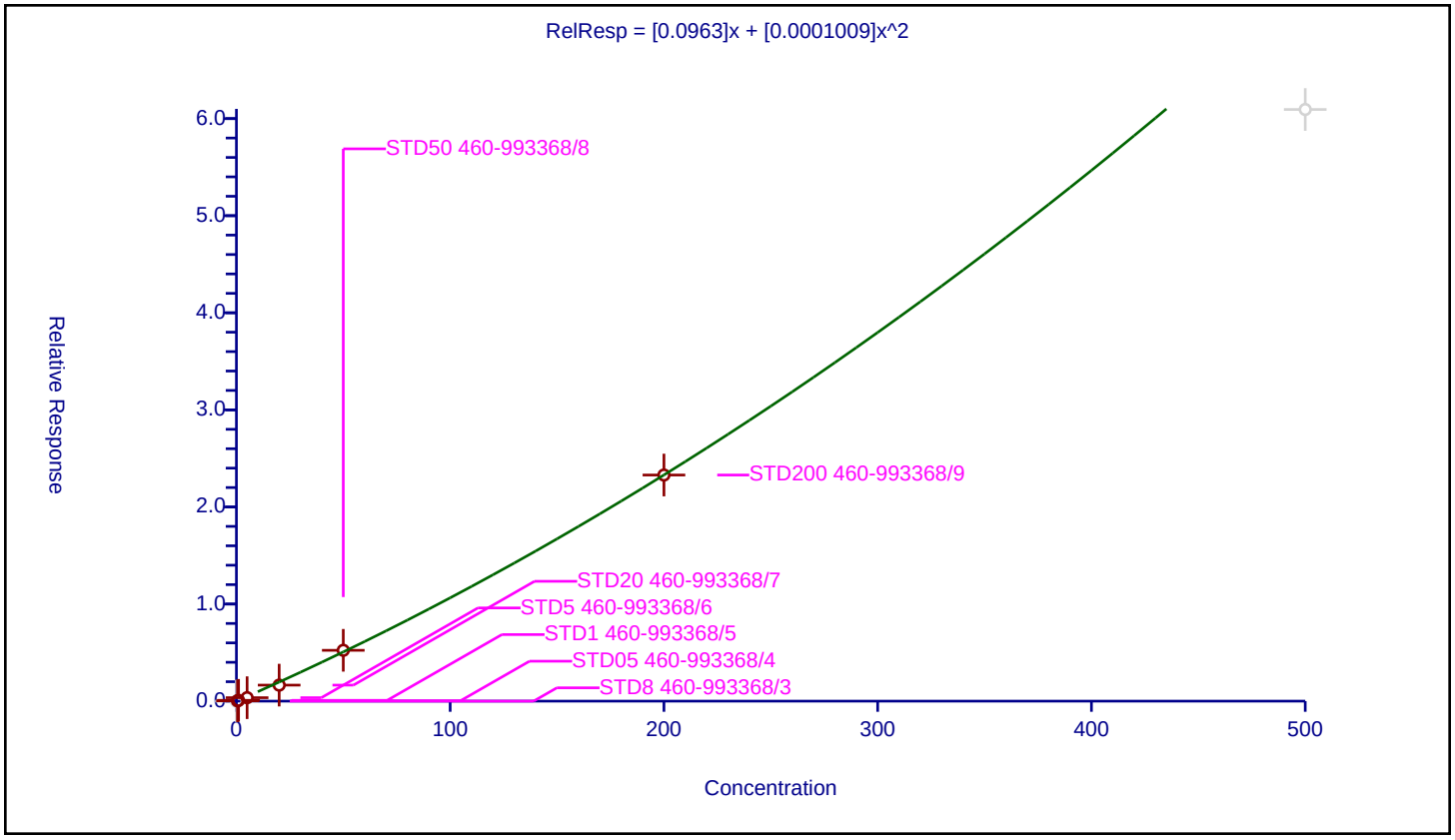
Curve Coefficients

Intercept:	0
Slope:	0.0963
Second Order:	0.0001009

Error Coefficients

Relative Standard Deviation:	23.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.033099	50.0	296084.0	0.066197	Y
3	STD1 460-993368/5	1.0	0.08082	50.0	294482.0	0.08082	Y
4	STD5 460-993368/6	5.0	0.355262	50.0	301749.0	0.071052	Y
5	STD20 460-993368/7	20.0	1.650069	50.0	297836.0	0.082503	Y
6	STD50 460-993368/8	50.0	5.236477	50.0	308318.0	0.10473	Y
7	STD200 460-993368/9	200.0	23.28929	50.0	322863.0	0.116446	Y
8	STD500 460-993368/10	500.0	60.937968	50.0	330651.0	0.121876	N



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

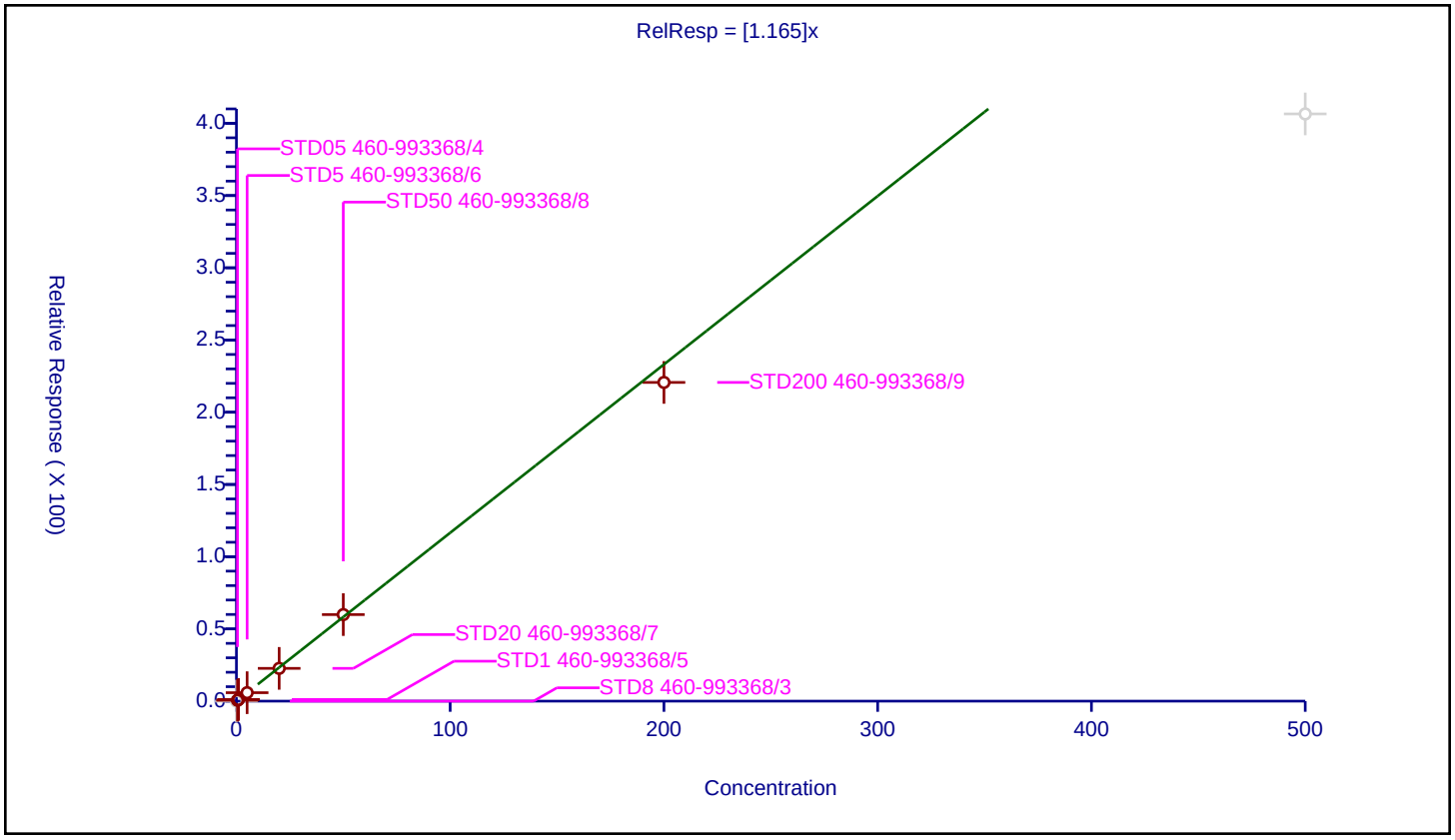
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.61621	50.0	296084.0	1.232421	Y
3	STD1 460-993368/5	1.0	1.152023	50.0	294482.0	1.152023	Y
4	STD5 460-993368/6	5.0	5.860997	50.0	301749.0	1.172199	Y
5	STD20 460-993368/7	20.0	22.691851	50.0	297836.0	1.134593	Y
6	STD50 460-993368/8	50.0	59.922061	50.0	308318.0	1.198441	Y
7	STD200 460-993368/9	200.0	220.645754	50.0	322863.0	1.103229	Y
8	STD500 460-993368/10	500.0	406.506861	50.0	330651.0	0.813014	N



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

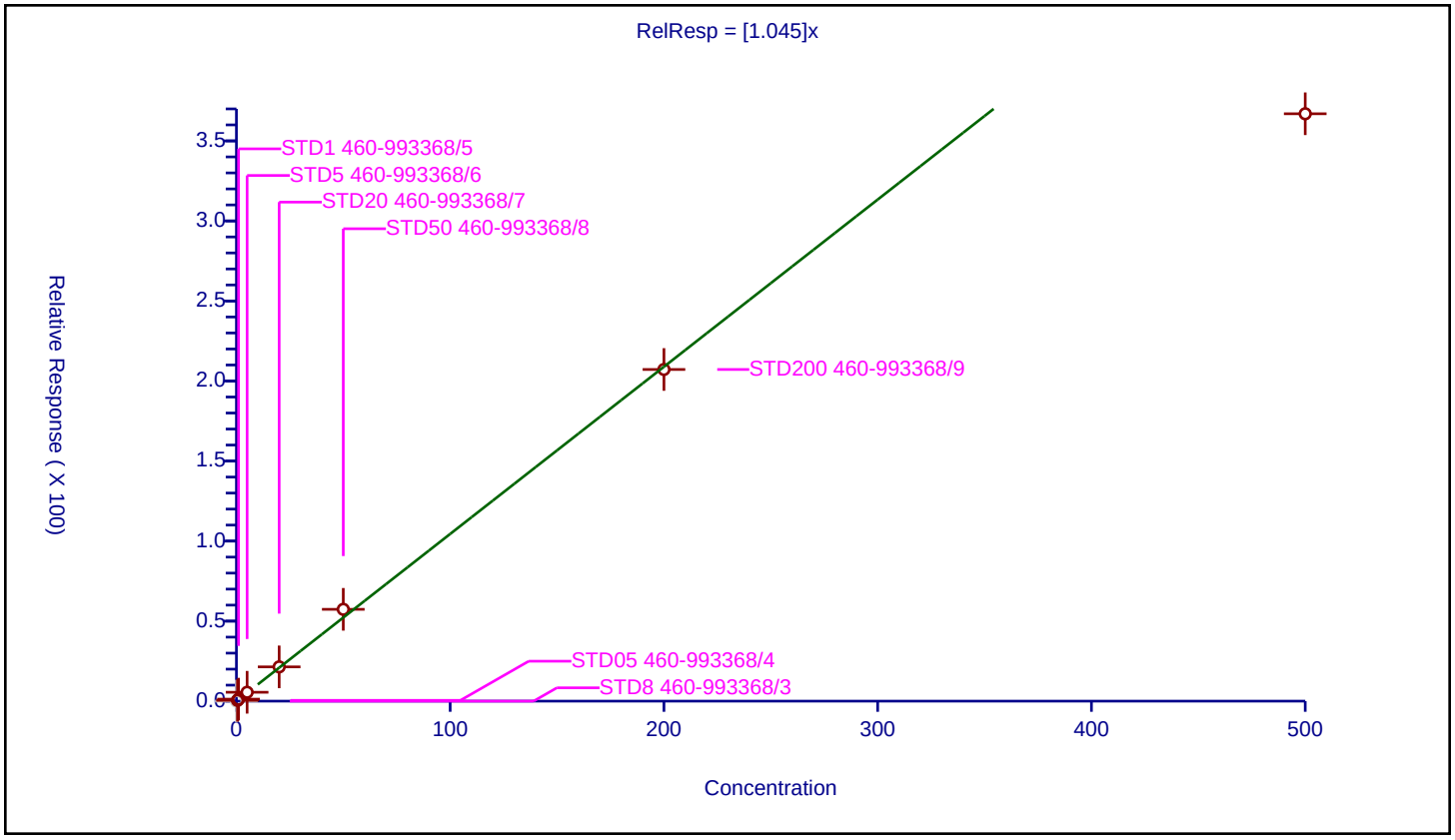
Curve Coefficients

Intercept:	0
Slope:	1.045

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.488544	50.0	296084.0	0.977088	Y
3	STD1 460-993368/5	1.0	1.237936	50.0	294482.0	1.237936	Y
4	STD5 460-993368/6	5.0	5.543349	50.0	301749.0	1.10867	Y
5	STD20 460-993368/7	20.0	21.409937	50.0	297836.0	1.070497	Y
6	STD50 460-993368/8	50.0	57.369502	50.0	308318.0	1.14739	Y
7	STD200 460-993368/9	200.0	207.203984	50.0	322863.0	1.03602	Y
8	STD500 460-993368/10	500.0	366.962749	50.0	330651.0	0.733925	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

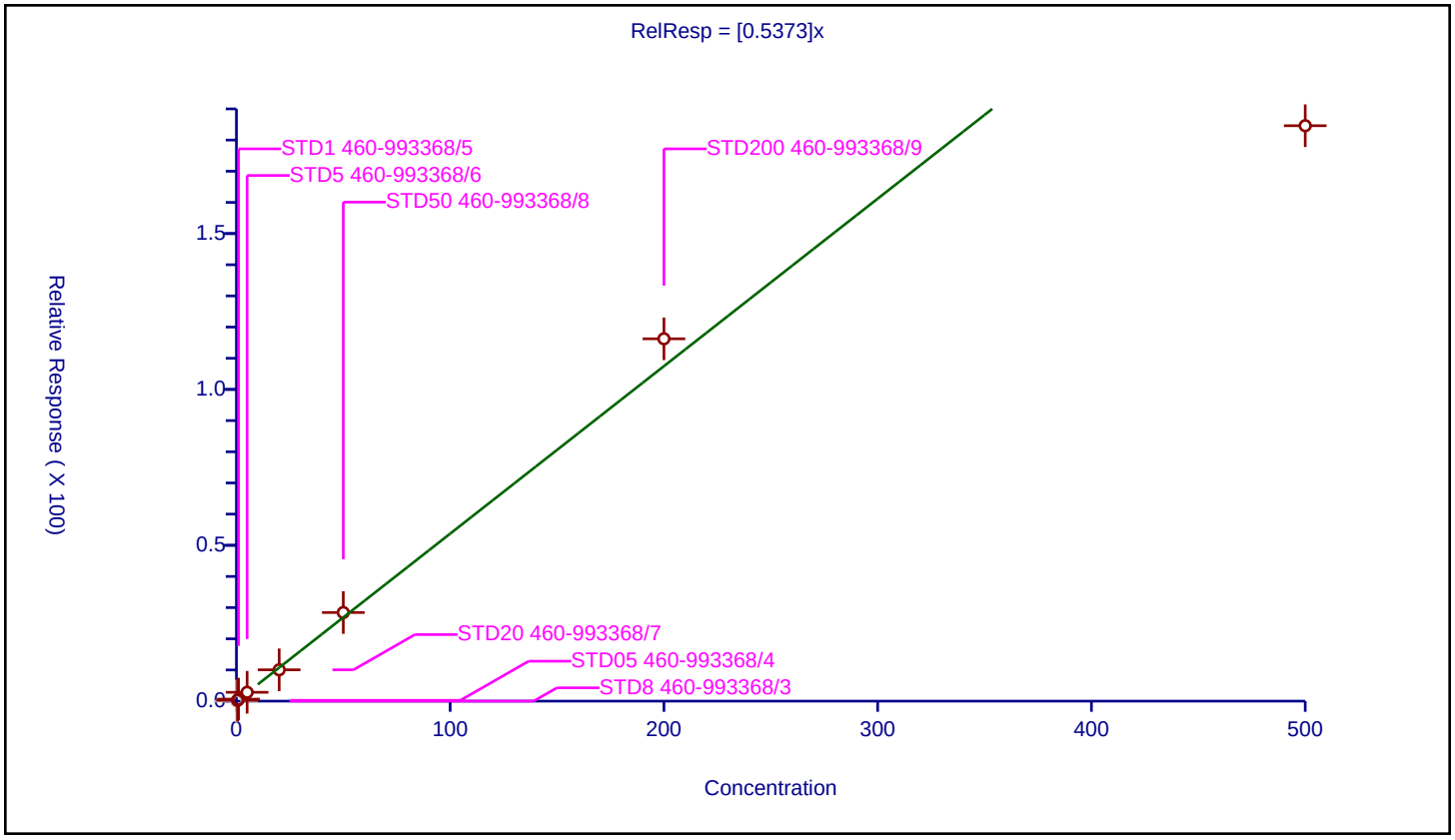
Curve Coefficients

Intercept:	0
Slope:	0.5373

Error Coefficients

Relative Standard Deviation:	16.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.263101	50.0	296084.0	0.526202	Y
3	STD1 460-993368/5	1.0	0.644522	50.0	294482.0	0.644522	Y
4	STD5 460-993368/6	5.0	2.844914	50.0	301749.0	0.568983	Y
5	STD20 460-993368/7	20.0	10.051673	50.0	297836.0	0.502584	Y
6	STD50 460-993368/8	50.0	28.430387	50.0	308318.0	0.568608	Y
7	STD200 460-993368/9	200.0	116.243732	50.0	322863.0	0.581219	Y
8	STD500 460-993368/10	500.0	184.598111	50.0	330651.0	0.369196	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

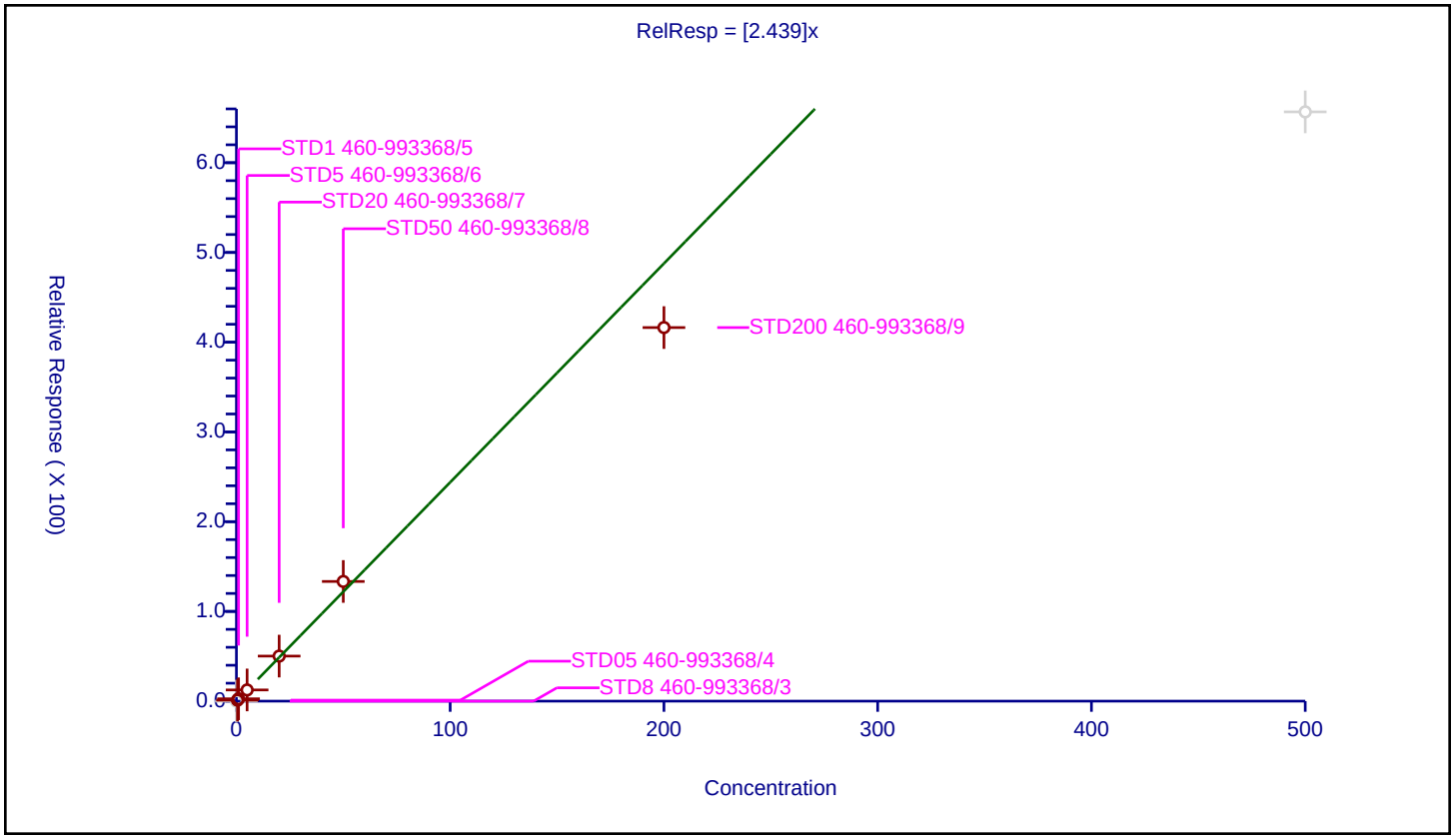
Curve Coefficients

Intercept:	0
Slope:	2.439

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	1.123668	50.0	296084.0	2.247335	Y
3	STD1 460-993368/5	1.0	2.630381	50.0	294482.0	2.630381	Y
4	STD5 460-993368/6	5.0	12.474109	50.0	301749.0	2.494822	Y
5	STD20 460-993368/7	20.0	50.206657	50.0	297836.0	2.510333	Y
6	STD50 460-993368/8	50.0	133.378363	50.0	308318.0	2.667567	Y
7	STD200 460-993368/9	200.0	416.323332	50.0	322863.0	2.081617	Y
8	STD500 460-993368/10	500.0	656.665034	50.0	330651.0	1.31333	N



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

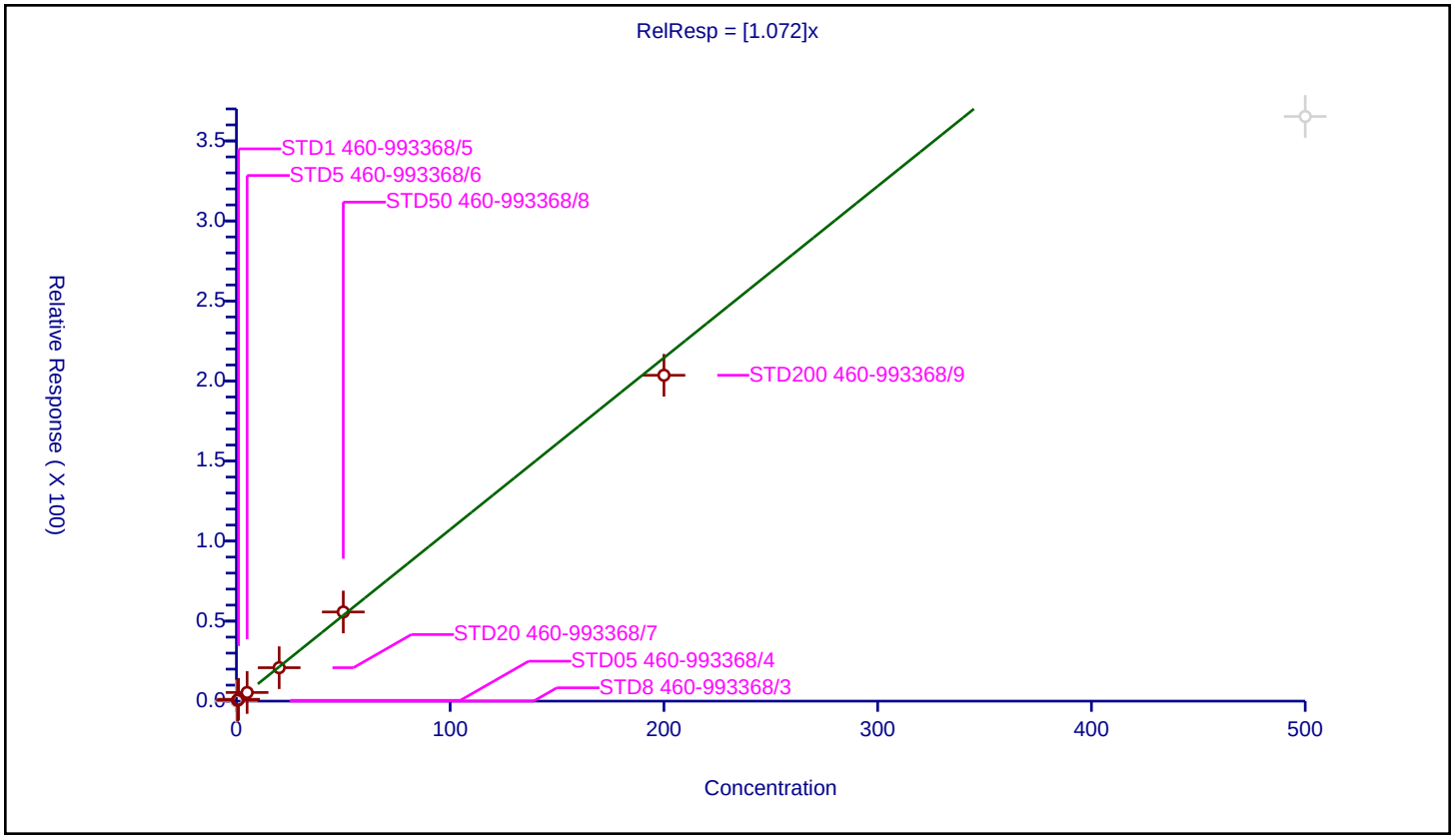
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-993368/3	0.0	0.0	50.0	312475.0	NaN	N
2	STD05 460-993368/4	0.5	0.51455	50.0	296084.0	1.0291	Y
3	STD1 460-993368/5	1.0	1.147948	50.0	294482.0	1.147948	Y
4	STD5 460-993368/6	5.0	5.404823	50.0	301749.0	1.080965	Y
5	STD20 460-993368/7	20.0	20.883976	50.0	297836.0	1.044199	Y
6	STD50 460-993368/8	50.0	55.705797	50.0	308318.0	1.114116	Y
7	STD200 460-993368/9	200.0	203.597191	50.0	322863.0	1.017986	Y
8	STD500 460-993368/10	500.0	365.278496	50.0	330651.0	0.730557	N



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.0220		9.36	20.0	-53.2*	30.0
1,1-Difluoroethane	Ave	0.1265	0.1012		16.0	20.0	-20.0	30.0
Dichlorodifluoromethane	Ave	0.3006	0.2122	0.1000	14.1	20.0	-29.4	30.0
Chlorodifluoromethane	QuaF		0.0280		15.5	20.0	-22.6	30.0
Chloromethane	Ave	0.3602	0.3341	0.1000	18.5	20.0	-7.3	30.0
Vinyl chloride	Ave	0.3161	0.3224	0.1000	20.4	20.0	2.0	30.0
Butadiene	Ave	0.2969	0.2930		19.7	20.0	-1.3	30.0
Bromomethane	Ave	0.2231	0.2356	0.1000	21.1	20.0	5.6	30.0
Chloroethane	Ave	0.2083	0.1828	0.1000	17.5	20.0	-12.3	30.0
Dichlorofluoromethane	Ave	0.5320	0.5270		19.8	20.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.3198	0.2977	0.1000	18.6	20.0	-6.9	30.0
Pentane	QuaF		0.0182		19.5	40.0	-51.3*	30.0
Ethanol	Lin2		0.3873		770	800	-3.7	30.0
Ethyl ether	Lin2		0.1566		20.3	20.0	1.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2078	0.1704		16.4	20.0	-18.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2015	0.1866		18.5	20.0	-7.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3554	0.3122		17.6	20.0	-12.2	30.0
Acrolein	Ave	0.0430	0.0312		28.7	39.5	-27.4	30.0
Freon TF	Ave	0.1940	0.1421	0.1000	14.6	20.0	-26.8	30.0
1,1-Dichloroethene	Ave	0.2362	0.2094	0.1000	17.7	20.0	-11.3	30.0
Acetone	Ave	0.7188	0.6620	0.0500	92.1	100	-7.9	30.0
Iodomethane	Ave	0.4063	0.4020		19.8	20.0	-1.1	30.0
Isopropyl alcohol	Ave	4.067	3.807		187	200	-6.4	30.0
Carbon disulfide	Ave	0.8445	0.7337	0.1000	17.4	20.0	-13.1	30.0
3-Chloro-1-propene	Ave	0.1606	0.1659		20.7	20.0	3.3	30.0
Methyl acetate	Ave	0.1987	0.2032	0.1000	40.9	40.0	2.3	30.0
Cyclopentene	Ave	0.4960	0.3905		15.7	20.0	-21.3	30.0
Acetonitrile	Ave	0.3112	0.2211		142	200	-29.0	30.0
Methylene Chloride	Ave	0.2927	0.2904	0.1000	19.8	20.0	-0.8	30.0
2-Methyl-2-propanol	Ave	6.505	6.231		192	200	-4.2	30.0
MTBE	Ave	0.7287	0.7343	0.1000	20.2	20.0	0.8	30.0
trans-1,2-Dichloroethene	Ave	0.2540	0.2594	0.1000	20.4	20.0	2.1	30.0
Acrylonitrile	Ave	0.0983	0.1065		217	200	8.4	30.0
Hexane	Ave	0.2656	0.1840		13.9	20.0	-30.7*	30.0
Isopropyl ether	Ave	0.8766	0.9168		20.9	20.0	4.6	30.0
1,1-Dichloroethane	Ave	0.4711	0.4875	0.2000	20.7	20.0	3.5	30.0
Vinyl acetate	Ave	0.3451	0.4628		53.6	40.0	34.1*	30.0
2-Chloro-1,3-butadiene	Ave	0.2130	0.2224		20.9	20.0	4.4	30.0
Tert-butyl ethyl ether	Ave	0.7812	0.8195		21.0	20.0	4.9	30.0
2,2-Dichloropropane	Ave	0.0723	0.0867		24.0	20.0	19.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2875	0.2915	0.1000	20.3	20.0	1.4	30.0
2-Butanone	Ave	0.2625	0.2531	0.0500	96.4	100	-3.6	30.0
Ethyl acetate	Ave	0.2301	0.2460		42.8	40.0	6.9	30.0
Methyl acrylate	Ave	0.2101	0.2256		21.5	20.0	7.4	30.0
Propionitrile	Ave	11.46	10.84		189	200	-5.3	30.0
Chlorobromomethane	Ave	0.1405	0.1383		19.7	20.0	-1.6	30.0
Tetrahydrofuran	Ave	0.3152	0.3139		39.8	40.0	-0.4	30.0
Methacrylonitrile	Ave	0.0993	0.1090		220	200	9.8	30.0
Chloroform	Ave	0.4194	0.4303	0.2000	20.5	20.0	2.6	30.0
Cyclohexane	Ave	0.3244	0.2553	0.1000	15.7	20.0	-21.3	30.0
1,1,1-Trichloroethane	Ave	0.3093	0.3273	0.1000	21.2	20.0	5.8	30.0
Carbon tetrachloride	Ave	0.2043	0.2162	0.1000	21.2	20.0	5.8	30.0
1,1-Dichloropropene	Ave	0.3177	0.3146		19.8	20.0	-1.0	30.0
Isobutyl alcohol	Ave	2.174	2.591		596	500	19.2	30.0
Isooctane	Ave	0.7470	0.5499		14.7	20.0	-26.4	30.0
Benzene	Ave	1.461	1.482	0.5000	20.3	20.0	1.4	30.0
Isopropyl acetate	Ave	0.1306	0.1403		21.5	20.0	7.4	30.0
Tert-amyl methyl ether	Ave	0.7929	0.8103		20.4	20.0	2.2	30.0
1,2-Dichloroethane	Ave	0.3263	0.3107	0.1000	19.0	20.0	-4.8	30.0
n-Heptane	Ave	0.0441	0.0329		14.9	20.0	-25.5	30.0
n-Butanol	Ave	1.455	1.549		532	500	6.4	30.0
Trichloroethene	Ave	0.2372	0.2468	0.2000	20.8	20.0	4.0	30.0
Ethyl acrylate	QuaF		0.0301		15.4	20.0	-22.9	30.0
Methylcyclohexane	Ave	0.3708	0.2864	0.1000	15.4	20.0	-22.8	30.0
1,2-Dichloropropane	Ave	0.2654	0.2785	0.1000	21.0	20.0	5.0	30.0
Methyl methacrylate	Ave	0.0558	0.0611		43.8	40.0	9.6	30.0
1,4-Dioxane	Ave	1.087	1.169		430	400	7.6	30.0
Dibromomethane	Ave	0.1525	0.1597		20.9	20.0	4.7	30.0
n-Propyl acetate	Ave	0.3434	0.3363		19.6	20.0	-2.1	30.0
Bromodichloromethane	Ave	0.2749	0.2893	0.2000	21.1	20.0	5.3	30.0
2-Nitropropane	QuaF		0.0293		36.6	40.0	-8.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1646	0.1642		20.0	20.0	-0.2	30.0
Epichlorohydrin	Ave	0.2121	0.2420		22.8	20.0	14.1	30.0
cis-1,3-Dichloropropene	Ave	0.5312	0.5392	0.2000	20.3	20.0	1.5	30.0
4-Methyl-2-pentanone	Ave	0.8755	0.9246	0.0500	106	100	5.6	30.0
Toluene	Ave	1.570	1.494	0.4000	19.0	20.0	-4.9	30.0
trans-1,3-Dichloropropene	Ave	0.4470	0.5062	0.1000	22.6	20.0	13.2	30.0
Ethyl methacrylate	QuaF		0.4389		18.8	20.0	-5.8	30.0
1,1,2-Trichloroethane	Ave	0.2577	0.2745	0.1000	21.3	20.0	6.5	30.0
Tetrachloroethene	Ave	0.3289	0.3425	0.2000	20.8	20.0	4.1	30.0
1,3-Dichloropropane	Ave	0.5184	0.5519		21.3	20.0	6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.396	1.480	0.0500	106	100	6.0	30.0
n-Butyl acetate	Ave	0.4716	0.5334		22.6	20.0	13.1	30.0
Dibromochloromethane	Ave	0.2453	0.2713	0.1000	22.1	20.0	10.6	30.0
1,2-Dibromoethane	Ave	0.2890	0.3053	0.1000	21.1	20.0	5.6	30.0
Chlorobenzene	Ave	0.9125	0.9679	0.5000	21.2	20.0	6.1	30.0
Ethylbenzene	Ave	0.4930	0.5306	0.1000	21.5	20.0	7.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2656	0.2848		21.4	20.0	7.2	30.0
m-Xylene & p-Xylene	Ave	0.5904	0.6420	0.1000	21.7	20.0	8.7	30.0
o-Xylene	Ave	0.6027	0.6744	0.3000	22.4	20.0	11.9	30.0
n-Butyl acrylate	Ave	0.2000	0.2598		26.0	20.0	29.9	30.0
Styrene	Ave	0.9541	1.079	0.3000	22.6	20.0	13.1	30.0
Bromoform	Qua2		0.1614	0.1000	22.9	20.0	14.4	30.0
Amyl acetate (mixed isomers)	QuaF		1.159		17.9	20.0	-10.6	30.0
Isopropylbenzene	Ave	1.370	1.645	0.1000	24.0	20.0	20.1	30.0
Bromobenzene	Ave	0.7116	0.7634		21.5	20.0	7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6869	0.7844	0.3000	22.8	20.0	14.2	30.0
N-Propylbenzene	Ave	3.228	3.658		22.7	20.0	13.3	30.0
1,2,3-Trichloropropane	Ave	0.1961	0.2098		21.4	20.0	7.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1589	0.1770		22.3	20.0	11.4	30.0
2-Chlorotoluene	Ave	2.266	2.477		21.9	20.0	9.3	30.0
4-Ethyltoluene	Ave	2.704	2.959		21.9	20.0	9.4	30.0
1,3,5-Trimethylbenzene	Ave	2.237	2.513		22.5	20.0	12.3	30.0
4-Chlorotoluene	Ave	2.178	2.351		21.6	20.0	7.9	30.0
Butyl Methacrylate	QuaF		0.7251		16.8	20.0	-16.0	30.0
tert-Butylbenzene	Ave	1.879	2.039		21.7	20.0	8.5	30.0
1,2,4-Trimethylbenzene	Ave	2.330	2.659		22.8	20.0	14.1	30.0
sec-Butylbenzene	Ave	2.850	3.201		22.5	20.0	12.3	30.0
1,3-Dichlorobenzene	Ave	1.391	1.464	0.6000	21.0	20.0	5.2	30.0
4-Isopropyltoluene	Ave	2.442	2.766		22.7	20.0	13.3	30.0
1,4-Dichlorobenzene	Ave	1.387	1.495	0.5000	21.6	20.0	7.8	30.0
1,2,3-Trimethylbenzene	Ave	2.532	2.764		21.8	20.0	9.2	30.0
Benzyl chloride	Ave	0.9797	1.276		26.0	20.0	30.2*	30.0
Indan	Ave	2.407	2.743		22.8	20.0	14.0	30.0
p-Diethylbenzene	Ave	1.560	1.751		22.4	20.0	12.2	30.0
n-Butylbenzene	Ave	1.337	1.503		22.5	20.0	12.4	30.0
1,2-Dichlorobenzene	Ave	1.367	1.461	0.4000	21.4	20.0	6.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.760		22.6	20.0	13.1	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1051	0.0500	21.3	20.0	6.7	30.0
1,3,5-Trichlorobenzene	Ave	1.165	1.249		21.4	20.0	7.2	30.0
1,2,4-Trichlorobenzene	Ave	1.045	1.194	0.2000	22.9	20.0	14.3	30.0
Hexachlorobutadiene	Ave	0.5373	0.5883		21.9	20.0	9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Lab Sample ID: ICV 460-993368/15 Calibration Date: 08/30/2024 13:25

Instrument ID: CVOAMS17 Calib Start Date: 08/30/2024 08:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/30/2024 10:24

Lab File ID: TT84422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.439	2.728		22.4	20.0	11.9	30.0
1,2,3-Trichlorobenzene	Ave	1.072	1.143		21.3	20.0	6.6	30.0
Monochloropentafluoroethane	QuaF		0.0005		3.40	20.0	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.2420	0.2370		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2861	0.2747		48.0	50.0	-4.0	30.0
Toluene-d8 (Surr)	Ave	1.339	1.350		50.4	50.0	0.8	30.0
Bromofluorobenzene	Ave	0.4204	0.4197		49.9	50.0	-0.2	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Aug-2024 13:25:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0180260-015
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:49:43 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:49:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	50	7449	20.0	9.36	Ma
2 1,1-Difluoroethane	65	1.326	1.320	0.006	97	34182	20.0	16.0	
4 Dichlorodifluoromethane	85	1.338	1.338	0.000	62	71698	20.0	14.1	
5 Chlorodifluoromethane	67	1.351	1.351	0.000	96	9473	20.0	15.5	a
6 Chloromethane	50	1.497	1.491	0.006	99	112864	20.0	18.5	
7 Vinyl chloride	62	1.558	1.558	0.000	98	108916	20.0	20.4	
8 Butadiene	54	1.576	1.570	0.006	95	99004	20.0	19.7	
9 Bromomethane	94	1.820	1.820	0.000	98	79604	20.0	21.1	
10 Chloroethane	64	1.881	1.881	0.000	100	61750	20.0	17.5	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	99	178046	20.0	19.8	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	61	100567	20.0	18.6	
13 Pentane	72	2.076	2.070	0.006	97	12331	40.0	19.5	
14 Ethanol	46	2.222	2.234	-0.012	81	18462	800.0	770.3	
15 Ethyl ether	74	2.235	2.234	0.001	97	52918	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	95	57578	20.0	16.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.302	2.302	0.000	86	63042	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	105489	20.0	17.6	
19 Acrolein	56	2.393	2.387	0.006	87	20808	39.5	28.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.405	2.411	-0.006	96	47997	20.0	14.6	Ma
21 1,1-Dichloroethene	96	2.430	2.436	-0.006	97	70764	20.0	17.7	
22 Acetone	43	2.503	2.497	0.006	87	121624	100.0	92.1	
23 Iodomethane	142	2.570	2.570	0.000	96	135803	20.0	19.8	
25 Isopropyl alcohol	45	2.588	2.588	0.000	33	45368	200.0	187.2	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	247881	20.0	17.4	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	94	56065	20.0	20.7	
27 Methyl acetate	43	2.722	2.722	0.000	94	137326	40.0	40.9	
28 Cyclopentene	67	2.734	2.734	0.000	94	131949	20.0	15.7	
29 Acetonitrile	41	2.771	2.771	0.000	96	81231	200.0	142.1	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	59584	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	93	98114	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.887	2.887	0.000	91	74256	200.0	191.6	a
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	248077	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	97	87646	20.0	20.4	
35 Acrylonitrile	53	3.070	3.070	0.000	95	359914	200.0	216.8	
36 Hexane	57	3.155	3.155	0.000	94	62178	20.0	13.9	
37 Isopropyl ether	45	3.350	3.356	-0.006	97	309741	20.0	20.9	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	164712	20.0	20.7	
39 Vinyl acetate	86	3.393	3.393	0.000	100	34010	40.0	53.6	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	89	75145	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	276884	20.0	21.0	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	459314	250.0	250.0	
43 2,2-Dichloropropane	97	3.856	3.862	-0.006	96	29300	20.0	24.0	
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	95	98502	20.0	20.3	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	46498	100.0	96.4	
46 Ethyl acetate	70	3.893	3.887	0.006	95	18081	40.0	42.8	
47 Methyl acrylate	55	3.942	3.941	0.001	100	76238	20.0	21.5	
48 Propionitrile	54	4.009	4.009	0.000	98	129218	200.0	189.3	
50 Tetrahydrofuran	72	4.088	4.082	0.006	59	23069	40.0	39.8	
49 Chlorobromomethane	128	4.088	4.088	0.000	85	46740	20.0	19.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	368149	200.0	219.6	
52 Chloroform	83	4.143	4.143	0.000	98	145377	20.0	20.5	
53 Cyclohexane	84	4.265	4.271	-0.006	92	86247	20.0	15.7	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	97	110567	20.0	21.2	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	200194	50.0	49.0	
56 Carbon tetrachloride	117	4.393	4.393	0.000	97	73046	20.0	21.2	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	97	106287	20.0	19.8	
58 Isobutyl alcohol	43	4.545	4.551	-0.006	93	77191	500.0	595.8	
59 Isooctane	57	4.588	4.582	0.006	95	185791	20.0	14.7	
60 Benzene	78	4.612	4.612	0.000	96	349203	20.0	20.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	232021	50.0	48.0	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	84	273766	20.0	20.4	
63 Isopropyl acetate	61	4.673	4.673	0.000	92	47407	20.0	21.5	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	95	104963	20.0	19.0	
65 n-Heptane	100	4.765	4.771	-0.006	93	11109	20.0	14.9	
* 66 Fluorobenzene	96	4.886	4.886	0.000	98	844651	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46139	500.0	532.2	
68 Trichloroethene	95	5.228	5.228	0.000	98	83373	20.0	20.8	
69 Methylcyclohexane	83	5.356	5.356	0.000	72	96766	20.0	15.4	
70 Ethyl acrylate	99	5.356	5.356	0.000	96	10157	20.0	15.4	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	94110	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	41999	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	41289	40.0	43.8	
75 1,4-Dioxane	88	5.618	5.618	0.000	89	19644	400.0	430.4	
74 Dibromomethane	93	5.636	5.630	0.006	96	53967	20.0	20.9	
76 n-Propyl acetate	43	5.648	5.648	0.000	99	113627	20.0	19.6	
77 Dichlorobromomethane	83	5.783	5.783	0.000	99	97748	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	74	19795	40.0	36.6	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	55487	20.0	20.0	
80 Epichlorohydrin	57	6.222	6.222	0.000	95	8892	20.0	22.8	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127069	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	169872	100.0	105.6	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	795654	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.587	6.587	0.000	93	352061	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	96	119300	20.0	22.6	
86 Ethyl methacrylate	69	6.978	6.977	0.001	91	103446	20.0	18.8	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64692	20.0	21.3	
88 Tetrachloroethene	166	7.185	7.185	0.000	97	80711	20.0	20.8	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	95	130061	20.0	21.3	
90 2-Hexanone	43	7.423	7.423	0.001	97	271899	100.0	106.0	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	125715	20.0	22.6	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63944	20.0	22.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	97	71962	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	589203	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228111	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	125043	20.0	21.5	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	93	67114	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	151302	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	95	158952	20.0	22.4	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	61225	20.0	26.0	
101 Styrene	104	9.123	9.123	0.000	95	254388	20.0	22.6	
102 Bromoform	173	9.373	9.367	0.006	98	38032	20.0	22.9	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	90	150882	20.0	17.9	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	387801	20.0	24.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	92	247304	50.0	49.9	
106 Bromobenzene	156	9.898	9.898	0.000	98	99409	20.0	21.5	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	102148	20.0	22.8	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	476346	20.0	22.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	97	27321	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23044	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	322576	20.0	21.9	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	385304	20.0	21.9	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327223	20.0	22.5	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	306106	20.0	21.6	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	94418	20.0	16.8	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	265568	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	346194	20.0	22.8	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	416833	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	95	190671	20.0	21.0	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	360192	20.0	22.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	325553	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	194671	20.0	21.6	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	359978	20.0	21.8	
124 Benzyl chloride	91	11.086	11.086	0.000	99	166158	20.0	26.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	357178	20.0	22.8	
126 p-Diethylbenzene	119	11.214	11.214	0.000	94	228010	20.0	22.4	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	195723	20.0	22.5	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	96	190265	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	359429	20.0	22.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	13680	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	162670	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	155457	20.0	22.9	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	98	76610	20.0	21.9	
134 Naphthalene	128	12.775	12.775	0.000	99	355201	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	148812	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	44.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	105.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 05:49:44 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D

Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17

Lims ID: ICV

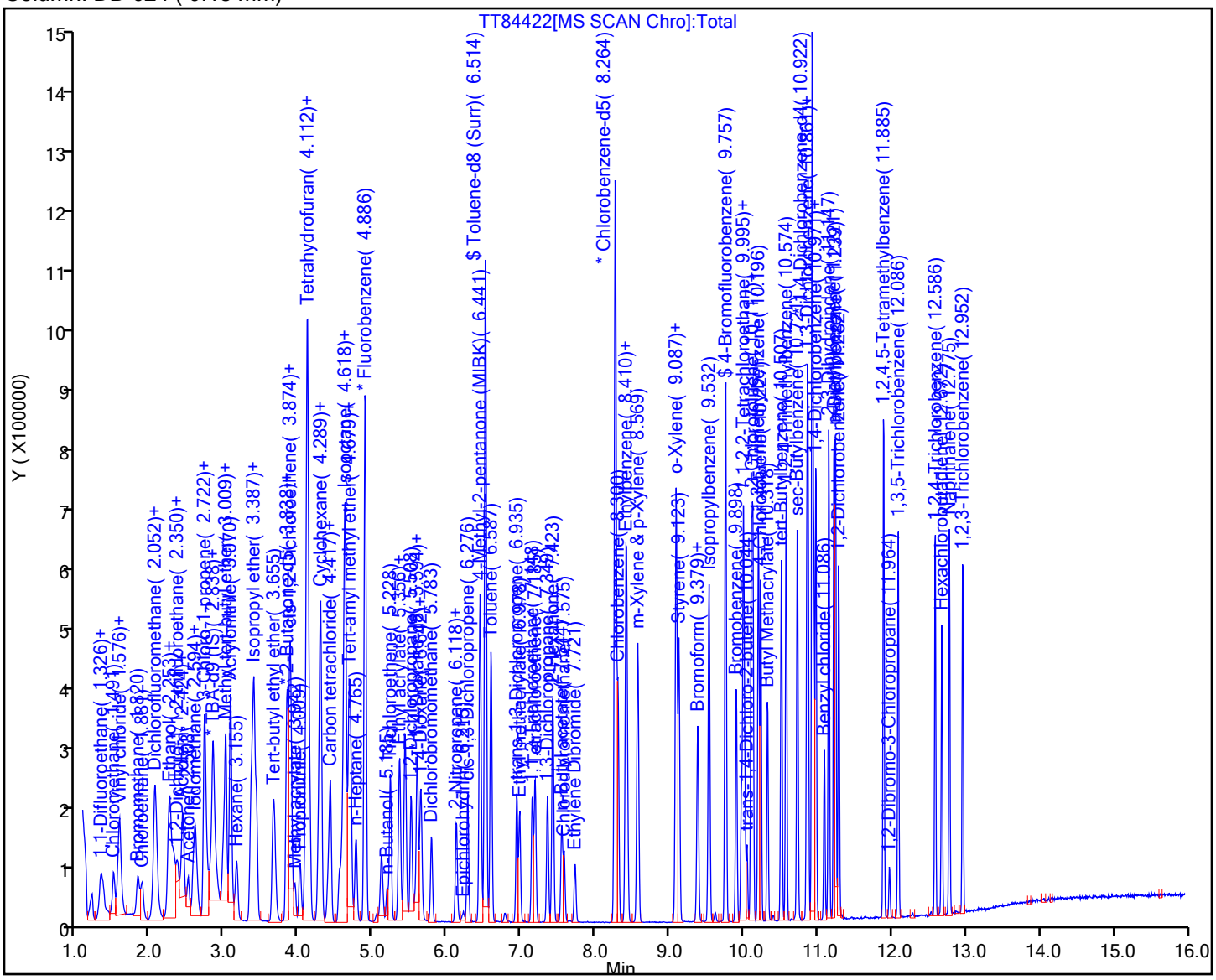
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

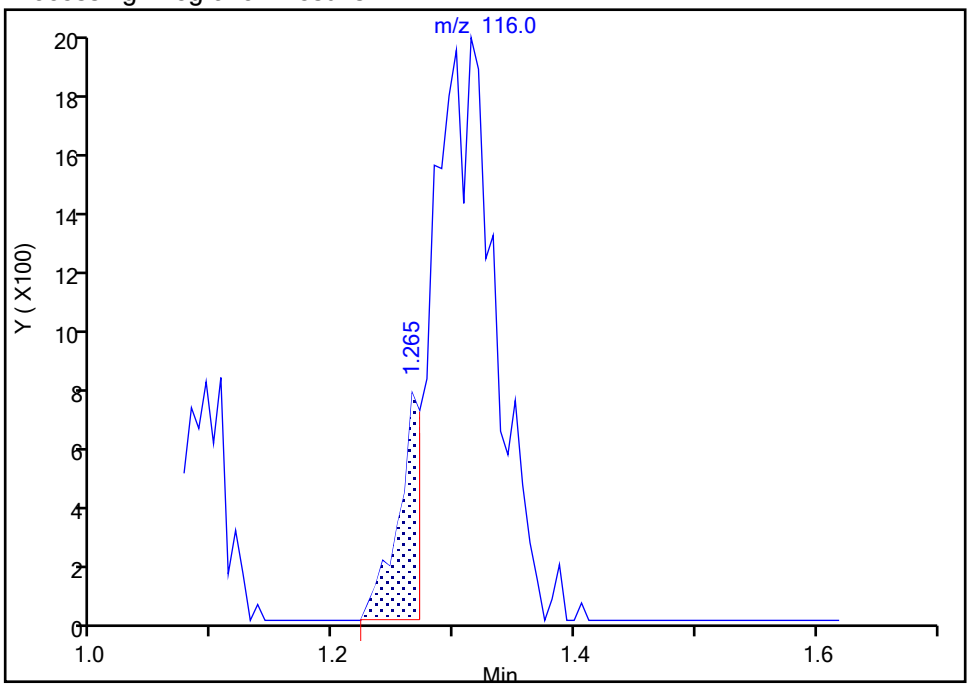
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

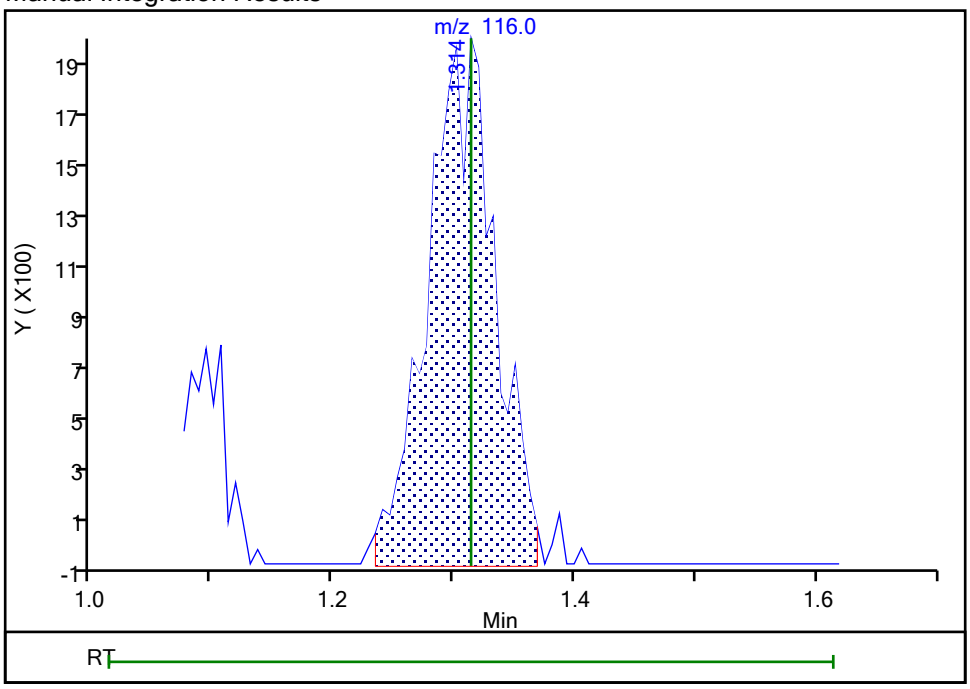
Processing Integration Results

RT: 1.27
Area: 990
Amount: 1.251167
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 7449
Amount: 9.357724
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:47:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

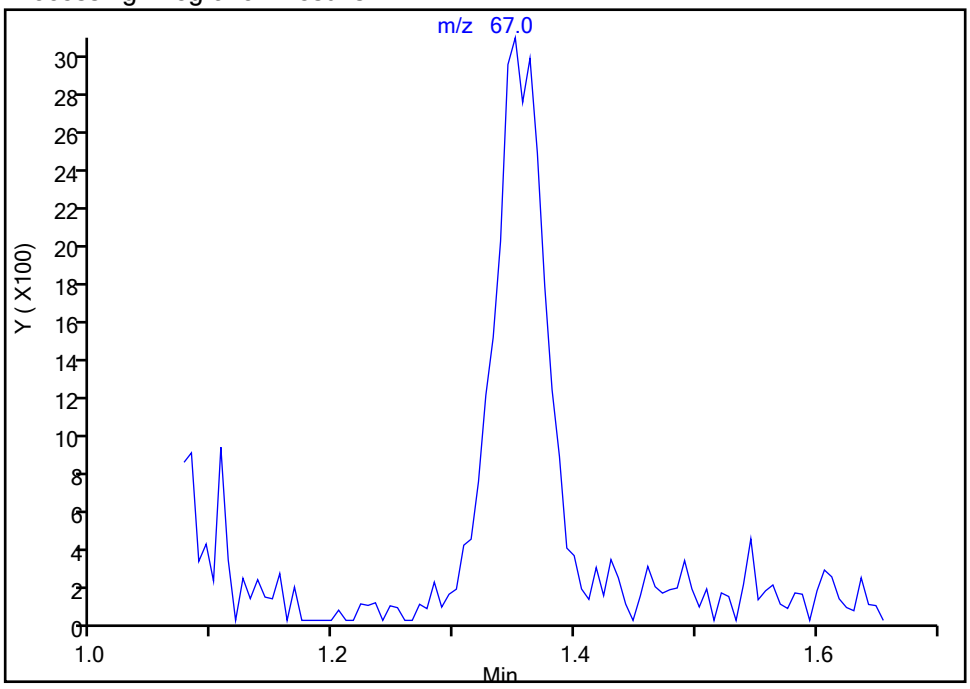
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

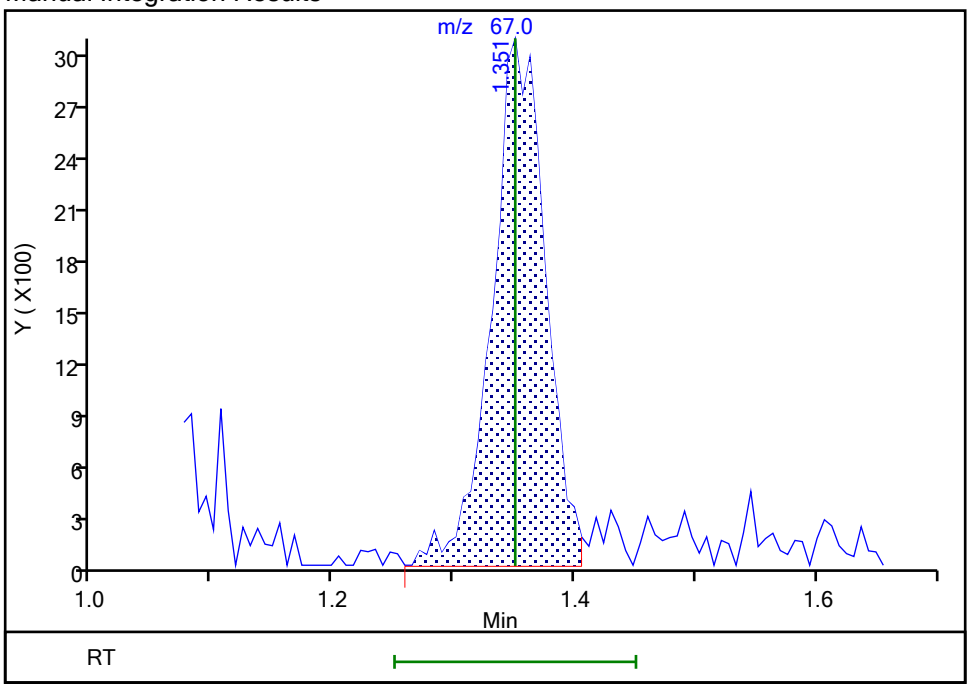
Not Detected
Expected RT: 1.35

Processing Integration Results



Manual Integration Results

RT: 1.35
Area: 9473
Amount: 15.471255
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:41:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison

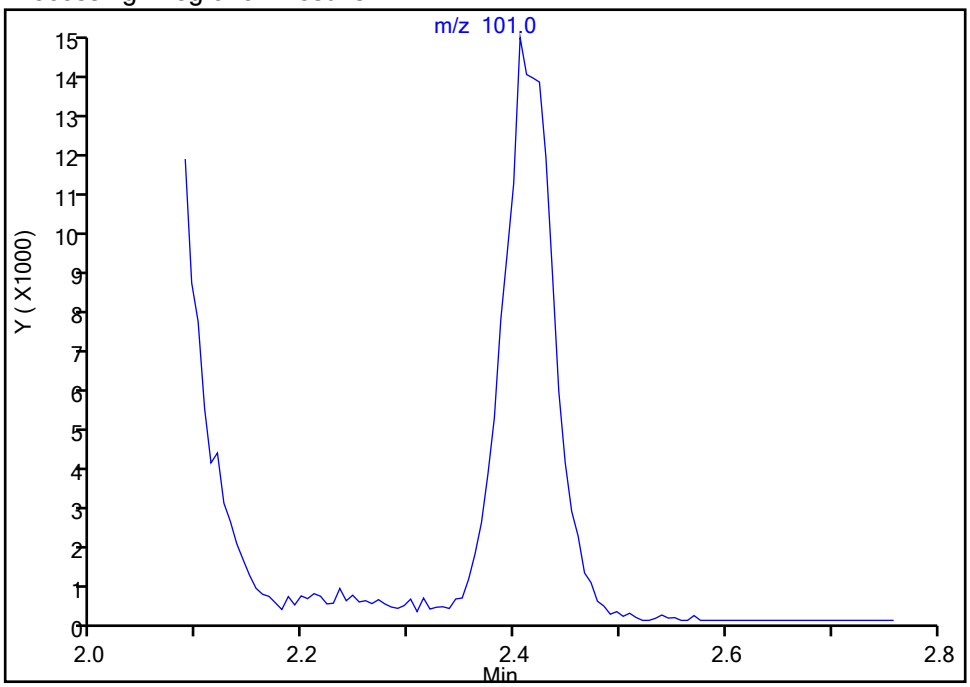
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

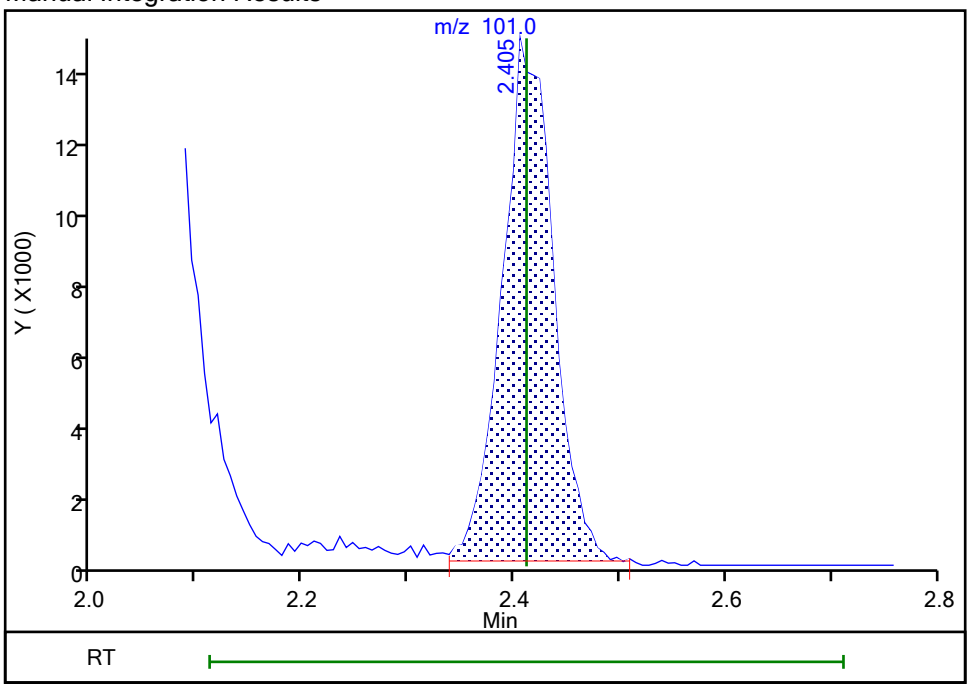
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.41
Area: 47997
Amount: 14.644147
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:43:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

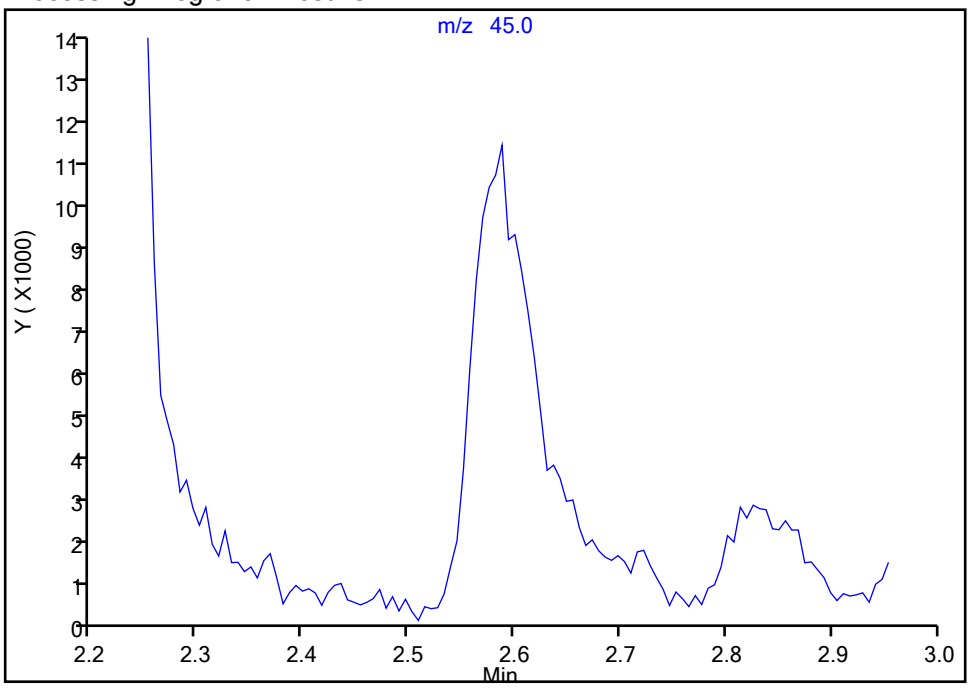
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Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

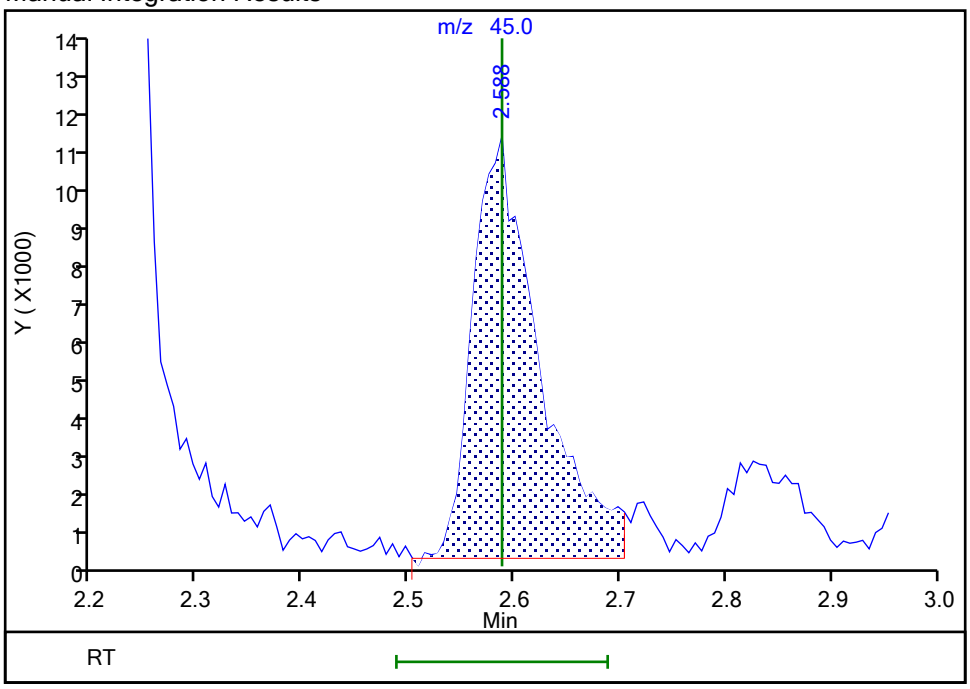
Not Detected
Expected RT: 2.59

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 45368
Amount: 187.2250
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

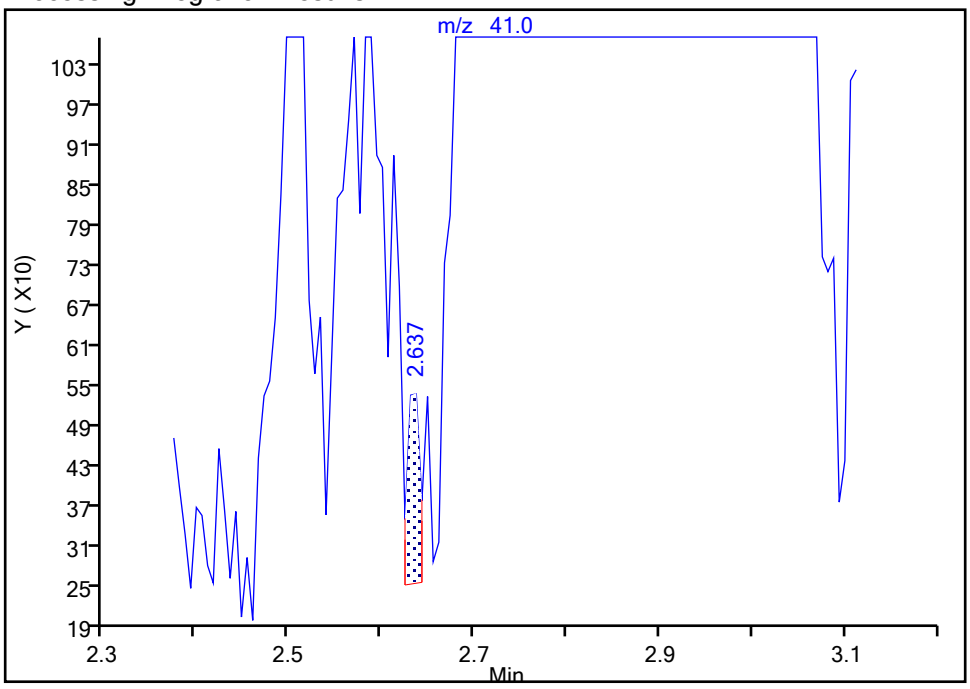
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

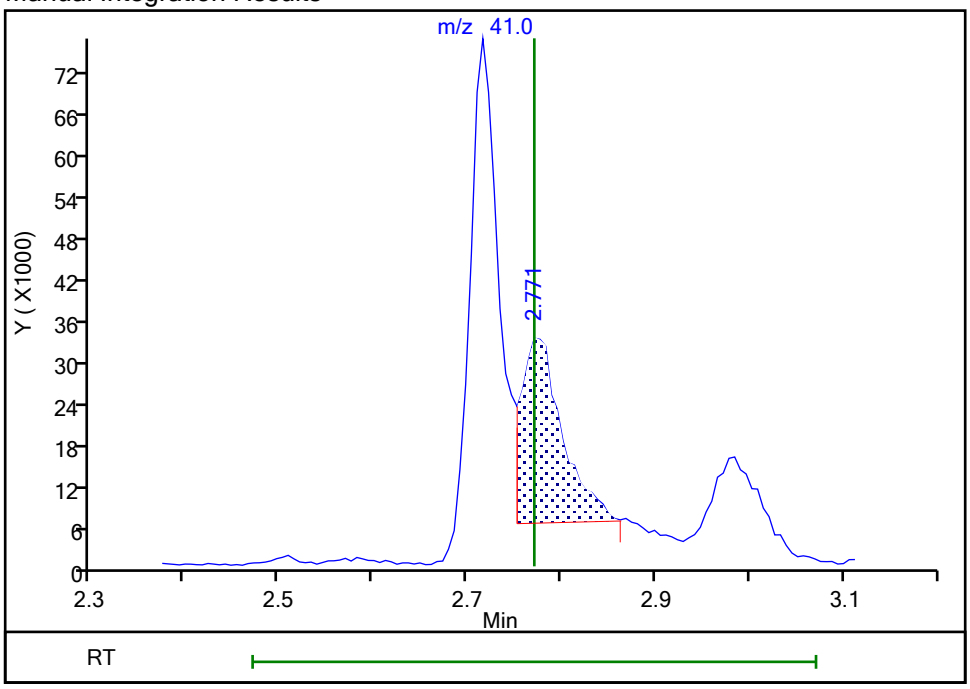
Processing Integration Results

RT: 2.64
Area: 290
Amount: 0.507224
Amount Units: ug/l



Manual Integration Results

RT: 2.77
Area: 81231
Amount: 142.0768
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:49:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

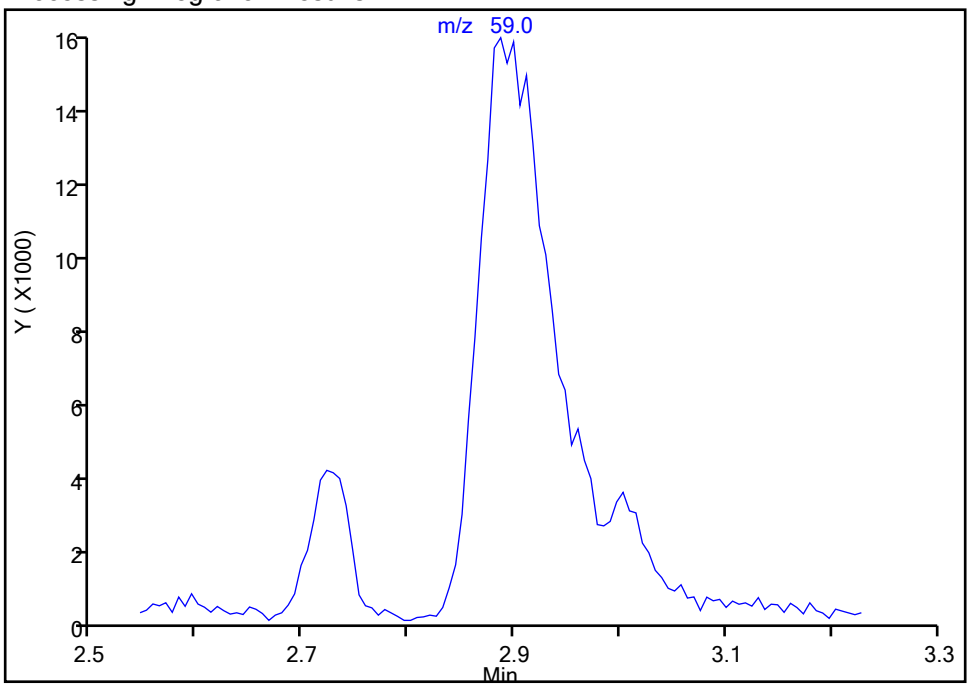
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84422.D
Injection Date: 30-Aug-2024 13:25:30 Instrument ID: CVOAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

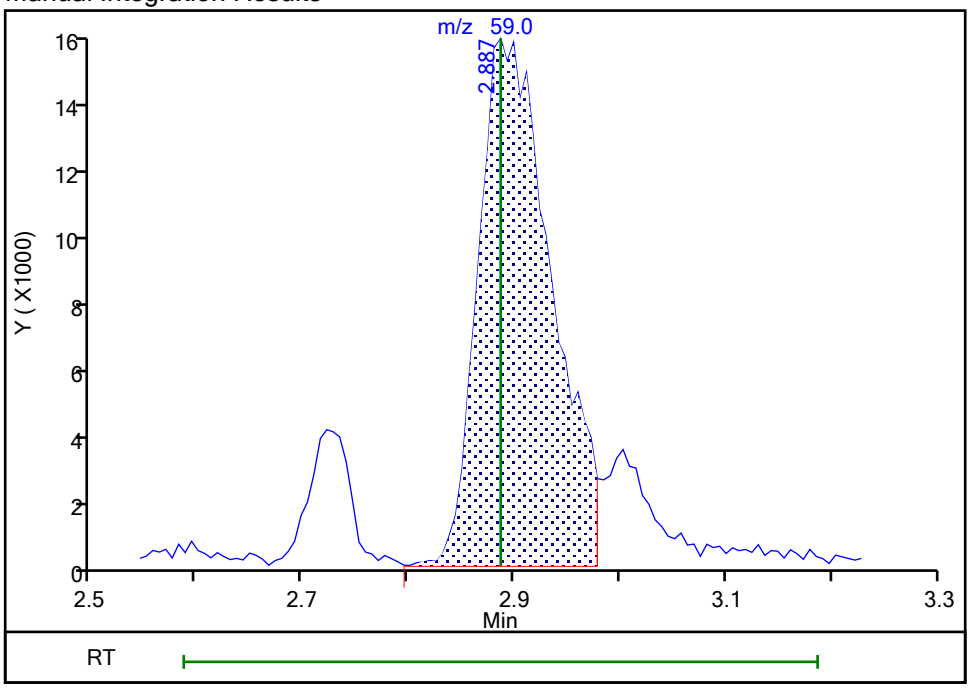
Not Detected
Expected RT: 2.89

Processing Integration Results



Manual Integration Results

RT: 2.89
Area: 74256
Amount: 191.5914
Amount Units: ug/l



Reviewer: PUV6, 30-Aug-2024 18:42:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Aug-2024 07:27:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0180225-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	30-Aug-2024 19:20:49	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1636				
First Level Reviewer: FK2C		Date:	30-Aug-2024 08:28:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

QC Flag Legend

Processing Flags

8 - Failed MS Tune Ratio Test

Reagents:

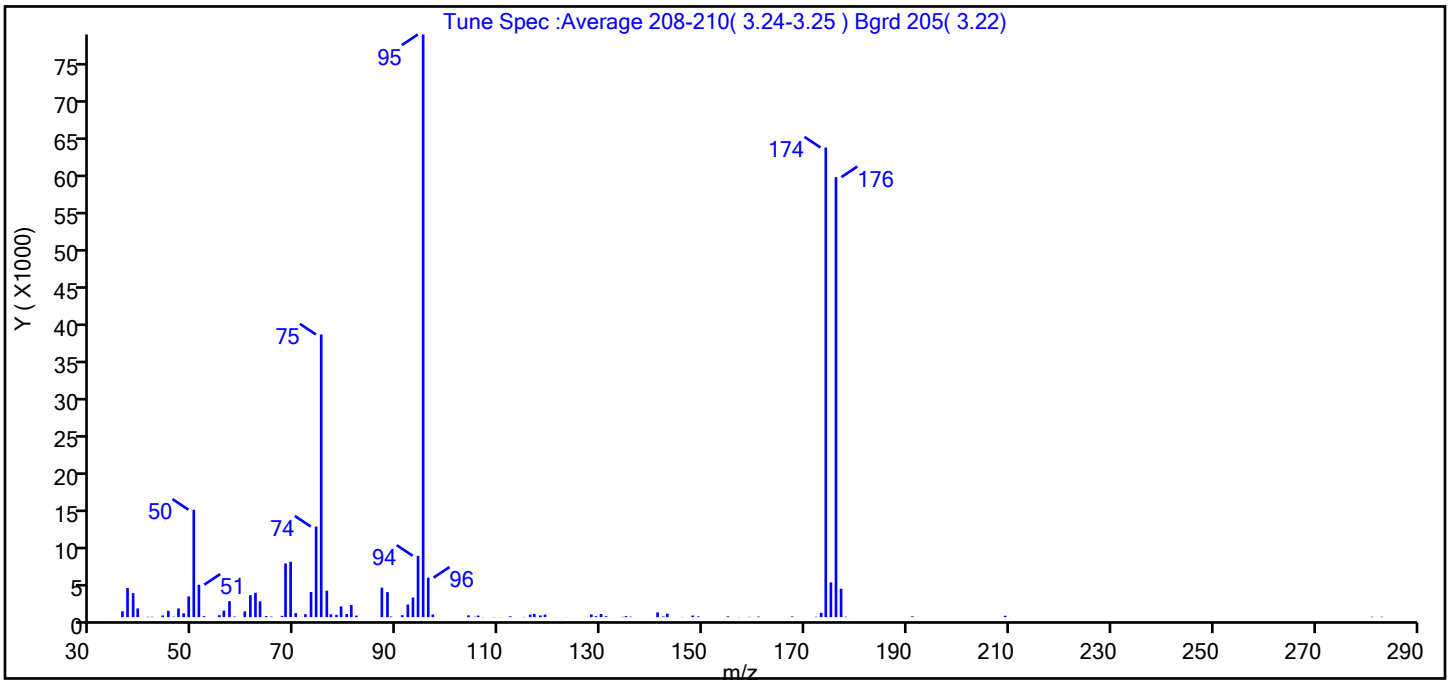
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D
Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (124.1)
96	5 to 9% of m/z 95	6.8
173	<2% of m/z 174	0.7 (0.9)
174	50 to 200% of m/z 95	80.6
175	5 to 9% of m/z 174	6.0 (7.4)
176	95 to 105% of m/z 174	75.5 (93.7)*
177	5 to 10% of m/z 176	4.9 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D\8260W_17.rslt\spectra.d
Injection Date: 30-Aug-2024 07:27:30
Spectrum: Tune Spec :Average 208-210(3.24-3.25) Bgrd 205(3.22)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	784	65.00	70	96.00	5292	142.00	86
37.00	3897	67.00	174	97.00	352	143.00	468
38.00	3207	68.00	7196	104.00	245	146.00	20
39.00	1163	69.00	7416	105.00	47	148.00	20
41.00	51	70.00	541	106.00	208	148.00	218
42.00	53	72.00	395	107.00	20	149.00	99
44.00	222	73.00	3367	109.00	22	155.00	102
45.00	843	74.00	12143	110.00	17	157.00	19
46.00	53	75.00	37888	112.00	112	159.00	43
47.00	1165	76.00	3539	115.00	36	161.00	75
48.00	516	77.00	382	116.00	339	167.00	92
49.00	2782	78.00	304	117.00	432	172.00	51
50.00	14395	79.00	1438	118.00	232	173.00	571
51.00	4342	80.00	416	119.00	335	174.00	62952
52.00	125	81.00	1620	121.00	18	175.00	4648
55.00	264	82.00	207	123.00	22	176.00	58976
56.00	872	87.00	3958	128.00	365	177.00	3810
57.00	2142	88.00	3356	129.00	123	178.00	58
58.00	77	89.00	82	130.00	425	191.00	102
60.00	772	91.00	264	131.00	124	209.00	183
61.00	2943	92.00	1690	134.00	47	281.00	60
62.00	3264	93.00	2632	135.00	136	283.00	56
63.00	2117	94.00	8220	136.00	59		
64.00	145	95.00	78104	141.00	634		

Report Date: 30-Aug-2024 19:20:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84408.D

Injection Date: 30-Aug-2024 07:27:30 Instrument ID: CVOAMS17

Lims ID: BFB

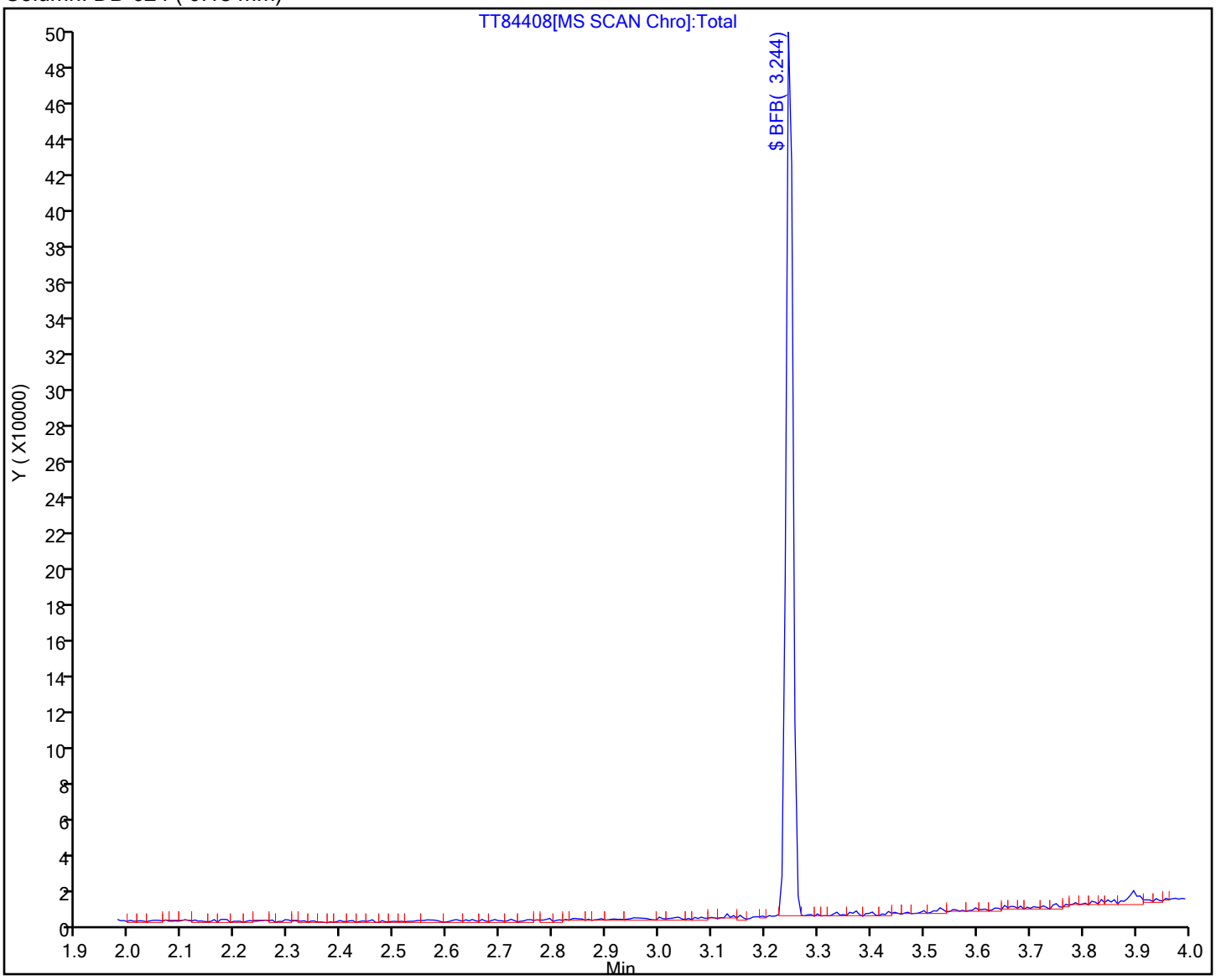
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993368/21

Matrix: Water | Lab File ID: TT84428.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993368/21

Matrix: Water | Lab File ID: TT84428.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 15:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.22	U	1.0	0.22
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2024 15:23:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180260-021
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:36:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	53443	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.844	3.832	0.012	0	444289	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	200811	50.0	49.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	228459	50.0	47.3	
* 66 Fluorobenzene	96	4.892	4.886	0.006	99	843632	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	40433	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	790963	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	86	589412	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	248190	50.0	50.1	
* 121 1,4-Dichlorobenzene-d4	152	10.928	10.922	0.006	96	321716	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00076 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 31-Aug-2024 06:25:16 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D

Injection Date: 30-Aug-2024 15:23:30 Instrument ID: CVOAMS17

Lims ID: MB

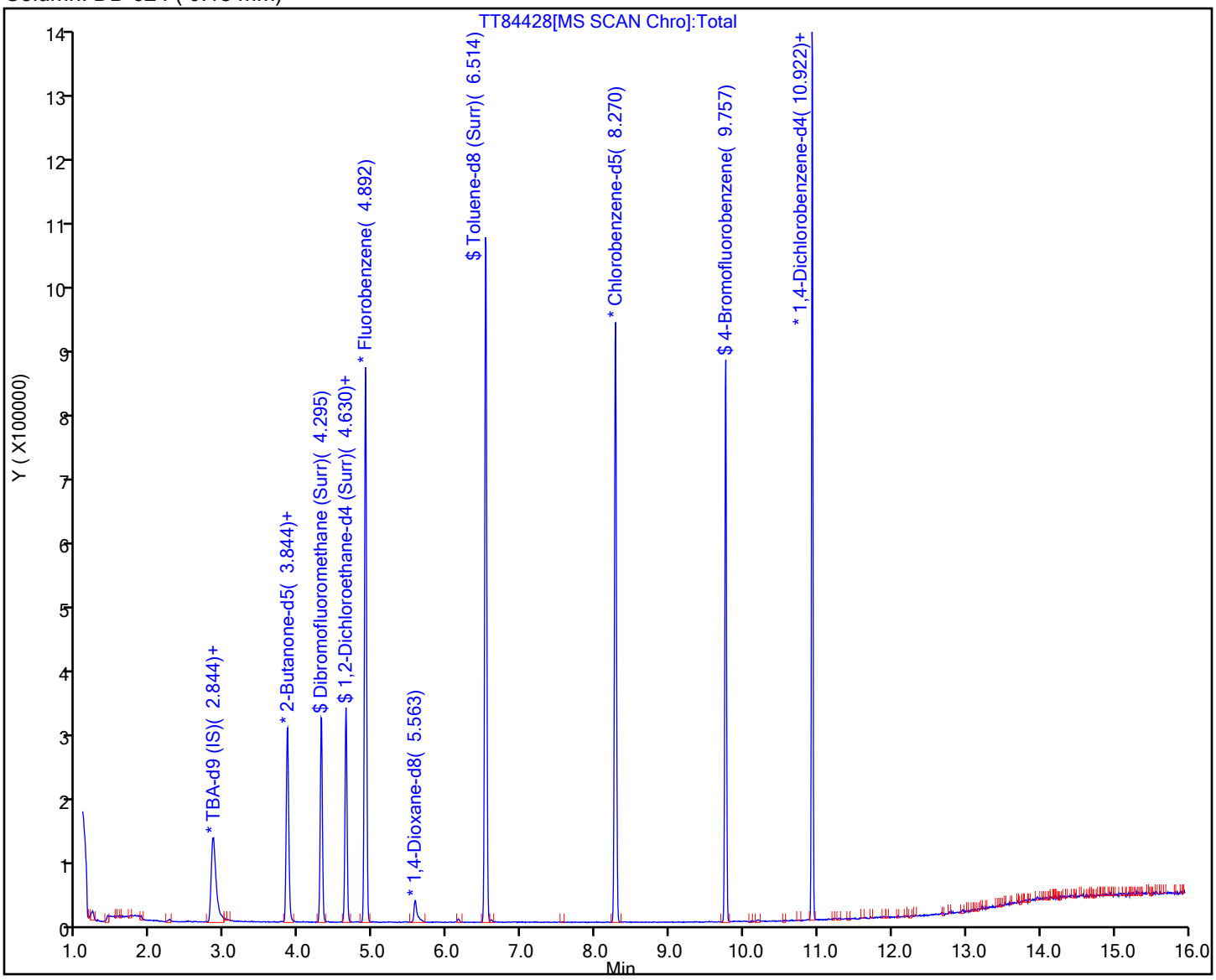
Client ID:

Operator ID: ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84428.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Aug-2024 15:23:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180260-021
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 05:56:21 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: FK2C Date: 31-Aug-2024 05:36:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.2	98.37
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.66
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.19
$ 105 4-Bromofluorobenzene	50.0	50.1	100.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993368/17

Matrix: Water | Lab File ID: TT84424.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 14:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.38
106-93-4	1,2-Dibromoethane	20.5		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.21
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	21.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
78-93-3	2-Butanone	97.2		5.0	1.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone	104		5.0	1.3
67-64-1	Acetone	96.2		5.0	4.4
71-43-2	Benzene	20.4		1.0	0.20
75-27-4	Bromodichloromethane	21.1		1.0	0.34
75-25-2	Bromoform	22.4		1.0	0.54
74-83-9	Bromomethane	19.7		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	24.0		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	20.7		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.3		1.0	0.22
110-82-7	Cyclohexane	23.1		1.0	0.32
124-48-1	Dibromochloromethane	21.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	18.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993368/17

Matrix: Water | Lab File ID: TT84424.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 14:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	24.0		1.0	0.31
98-82-8	Isopropylbenzene	24.3		1.0	0.34
108-87-2	Methylcyclohexane	23.6		1.0	0.71
75-09-2	Methylene Chloride	19.3		1.0	0.32
1634-04-4	MTBE	19.9		1.0	0.22
100-42-5	Styrene	22.0		1.0	0.42
127-18-4	Tetrachloroethene	21.6		1.0	0.25
108-88-3	Toluene	18.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.5		1.0	0.22
79-01-6	Trichloroethene	20.7		1.0	0.31
75-69-4	Trichlorofluoromethane	21.5		1.0	0.32
75-01-4	Vinyl chloride	21.6		1.0	0.17
1330-20-7	Xylenes, Total	43.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Report Date: 31-Aug-2024 17:14:24 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2024 14:05:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180260-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:14:22 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: NN6A Date: 31-Aug-2024 17:14:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.235	0.000	11	639	20.0	11.4	
3 Chlorotrifluoroethene	116	1.314	1.314	0.000	80	13089	20.0	16.5	a
2 1,1-Difluoroethane	65	1.326	1.320	0.006	98	34806	20.0	16.4	
4 Dichlorodifluoromethane	85	1.350	1.338	0.012	84	92707	20.0	18.4	
5 Chlorodifluoromethane	67	1.369	1.351	0.018	95	9826	20.0	16.2	a
6 Chloromethane	50	1.503	1.491	0.012	98	113647	20.0	18.8	
7 Vinyl chloride	62	1.570	1.558	0.012	97	114527	20.0	21.6	
8 Butadiene	54	1.582	1.570	0.012	97	111921	20.0	22.5	
9 Bromomethane	94	1.826	1.820	0.006	99	73588	20.0	19.7	
10 Chloroethane	64	1.887	1.881	0.006	99	64501	20.0	18.5	
11 Dichlorofluoromethane	67	2.052	2.039	0.013	99	178244	20.0	20.0	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	49	115434	20.0	21.5	
13 Pentane	72	2.070	2.070	0.000	96	25722	40.0	41.3	
14 Ethanol	46	2.234	2.234	0.000	79	17541	800.0	698.6	
15 Ethyl ether	74	2.241	2.234	0.007	94	53840	20.0	20.8	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	97	74499	20.0	21.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.308	2.302	0.006	94	66712	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.356	2.350	0.006	92	108806	20.0	18.3	
19 Acrolein	56	2.399	2.387	0.012	92	18440	39.5	25.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.417	2.411	0.006	95	78081	20.0	24.0	
21 1,1-Dichloroethene	96	2.442	2.436	0.006	98	78011	20.0	19.7	
22 Acetone	43	2.503	2.497	0.006	88	124393	100.0	96.2	M
23 Iodomethane	142	2.576	2.570	0.006	97	136227	20.0	20.0	
25 Isopropyl alcohol	45	2.588	2.588	0.000	34	49926	200.0	199.8	a
24 Carbon disulfide	76	2.600	2.600	0.000	99	260036	20.0	18.4	
26 3-Chloro-1-propene	76	2.722	2.716	0.006	97	52444	20.0	19.5	
27 Methyl acetate	43	2.728	2.722	0.006	100	130656	40.0	39.2	
28 Cyclopentene	67	2.740	2.734	0.006	94	167973	20.0	20.2	
29 Acetonitrile	41	2.777	2.771	0.006	93	119999	200.0	214.3	Ma
* 31 TBA-d9 (IS)	66	2.838	2.832	0.006	0	61429	1000.0	1000.0	
30 Methylene Chloride	84	2.844	2.838	0.006	95	94530	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.905	2.887	0.018	91	74629	200.0	186.8	
33 Methyl tert-butyl ether	73	2.984	2.984	0.000	98	243387	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.015	3.009	0.006	96	85047	20.0	20.0	
35 Acrylonitrile	53	3.076	3.070	0.006	94	340384	200.0	206.7	
36 Hexane	57	3.155	3.155	0.000	93	116419	20.0	26.2	
37 Isopropyl ether	45	3.356	3.356	0.000	96	294902	20.0	20.1	
38 1,1-Dichloroethane	63	3.387	3.381	0.006	99	162726	20.0	20.6	
39 Vinyl acetate	86	3.399	3.393	0.006	100	30931	40.0	49.8	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	90	76379	20.0	21.4	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	270428	20.0	20.7	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	449746	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	93	29001	20.0	23.9	a
44 cis-1,2-Dichloroethene	96	3.874	3.868	0.006	96	95840	20.0	19.9	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	96	45900	100.0	97.2	
46 Ethyl acetate	70	3.899	3.887	0.012	96	17692	40.0	42.7	
47 Methyl acrylate	55	3.941	3.941	0.000	100	74154	20.0	21.1	
48 Propionitrile	54	4.009	4.009	-0.001	99	125397	200.0	178.2	
50 Tetrahydrofuran	72	4.082	4.082	0.000	63	21666	40.0	38.2	
49 Chlorobromomethane	128	4.088	4.088	0.000	87	44814	20.0	19.0	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	354131	200.0	212.9	
52 Chloroform	83	4.143	4.143	0.000	97	145605	20.0	20.7	
53 Cyclohexane	84	4.277	4.271	0.006	93	125335	20.0	23.1	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	93	112966	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	203904	50.0	50.3	
56 Carbon tetrachloride	117	4.399	4.393	0.006	98	82197	20.0	24.0	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	98	112247	20.0	21.1	
58 Isobutyl alcohol	43	4.551	4.551	0.000	90	83154	500.0	622.6	
59 Isooctane	57	4.588	4.582	0.006	97	328960	20.0	26.3	
60 Benzene	78	4.612	4.612	0.000	96	350821	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	227379	50.0	47.4	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	92	268208	20.0	20.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	95	46429	20.0	21.2	
64 1,2-Dichloroethane	62	4.697	4.697	0.000	96	104448	20.0	19.1	
65 n-Heptane	100	4.764	4.771	-0.007	93	20486	20.0	27.7	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	837875	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	89	46738	500.0	522.9	
68 Trichloroethene	95	5.234	5.228	0.006	98	82192	20.0	20.7	
69 Methylcyclohexane	83	5.356	5.356	0.000	80	146599	20.0	23.6	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	12355	20.0	18.9	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	94	94580	20.0	21.3	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	40661	1000.0	1000.0	
73 Methyl methacrylate	100	5.600	5.594	0.006	92	41419	40.0	44.3	
75 1,4-Dioxane	88	5.624	5.618	0.006	84	19379	400.0	438.6	
74 Dibromomethane	93	5.636	5.630	0.006	98	51056	20.0	20.0	
76 n-Propyl acetate	43	5.648	5.648	0.000	98	110982	20.0	19.3	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	96984	20.0	21.1	
78 2-Nitropropane	41	6.112	6.112	0.000	76	20110	40.0	37.5	
79 2-Chloroethyl vinyl ether	63	6.124	6.124	0.000	89	54919	20.0	19.9	
80 Epichlorohydrin	57	6.221	6.222	-0.001	95	10016	20.0	26.3	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	92	127064	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	96	164179	100.0	104.2	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	788706	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.593	6.587	0.006	93	344958	20.0	18.6	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	94	118861	20.0	22.5	
86 Ethyl methacrylate	69	6.977	6.977	0.000	92	99874	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	97	64234	20.0	21.1	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	83771	20.0	21.6	
89 1,3-Dichloropropane	76	7.355	7.349	0.006	94	127873	20.0	20.9	
90 2-Hexanone	43	7.422	7.423	0.000	96	265394	100.0	105.7	
91 n-Butyl acetate	43	7.544	7.544	0.000	99	122167	20.0	22.0	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	63183	20.0	21.8	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	69965	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	589561	50.0	50.0	
95 Chlorobenzene	112	8.300	8.300	0.000	95	228457	20.0	21.2	
96 Ethylbenzene	106	8.410	8.410	0.000	98	122873	20.0	21.1	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	96	67020	20.0	21.4	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	150953	20.0	21.7	
99 o-Xylene	106	9.087	9.087	0.000	94	155170	20.0	21.8	
100 n-Butyl acrylate	73	9.093	9.087	0.006	97	62141	20.0	26.4	
101 Styrene	104	9.123	9.123	0.000	96	247675	20.0	22.0	
102 Bromoform	173	9.373	9.367	0.006	98	37149	20.0	22.4	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	148668	20.0	17.3	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	392150	20.0	24.3	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	250632	50.0	50.6	
106 Bromobenzene	156	9.898	9.898	0.000	99	97905	20.0	20.8	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	99453	20.0	21.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	479671	20.0	22.4	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	98	26930	20.0	20.7	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	86	23471	20.0	22.3	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	316291	20.0	21.1	
112 4-Ethyltoluene	105	10.123	10.123	0.000	98	380315	20.0	21.2	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	327429	20.0	22.1	
114 4-Chlorotoluene	91	10.227	10.227	0.000	98	319633	20.0	22.2	
115 Butyl Methacrylate	87	10.318	10.324	-0.006	91	91299	20.0	16.0	
116 tert-Butylbenzene	119	10.507	10.507	0.000	96	270102	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	334670	20.0	21.7	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	421795	20.0	22.4	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	189253	20.0	20.5	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	354082	20.0	21.9	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	331042	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	193037	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	98	353120	20.0	21.1	
124 Benzyl chloride	91	11.086	11.086	0.000	99	162030	20.0	25.0	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	345141	20.0	21.7	
126 p-Diethylbenzene	119	11.221	11.214	0.006	94	229624	20.0	22.2	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	196327	20.0	22.2	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	188033	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	11.891	11.885	0.006	98	349214	20.0	21.6	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	93	13718	20.0	21.1	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	161229	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	154399	20.0	22.3	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	79924	20.0	22.5	
134 Naphthalene	128	12.775	12.775	0.000	99	355350	20.0	22.0	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	96	147260	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	43.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.8	
S 140 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent
ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00583	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	

Report Date: 31-Aug-2024 17:14:24 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D

Injection Date: 30-Aug-2024 14:05:30 Instrument ID: CVOAMS17

Lims ID: LCS

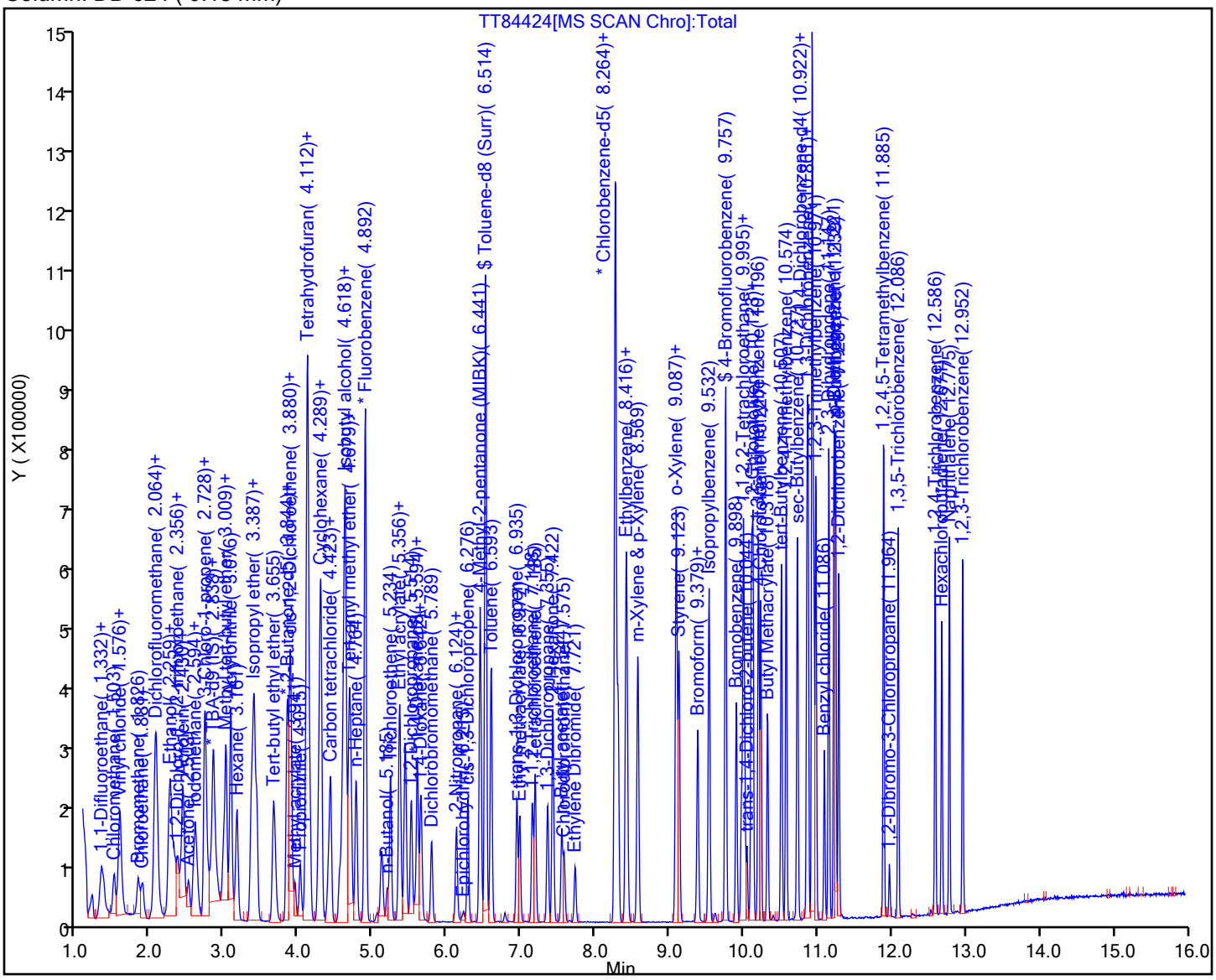
Client ID:

Operator ID: ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Aug-2024 14:05:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180260-017
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:14:22 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: NN6A Date: 31-Aug-2024 17:14:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.3	100.57
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.86
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.88
$ 105 4-Bromofluorobenzene	50.0	50.6	101.13

Eurofins Edison

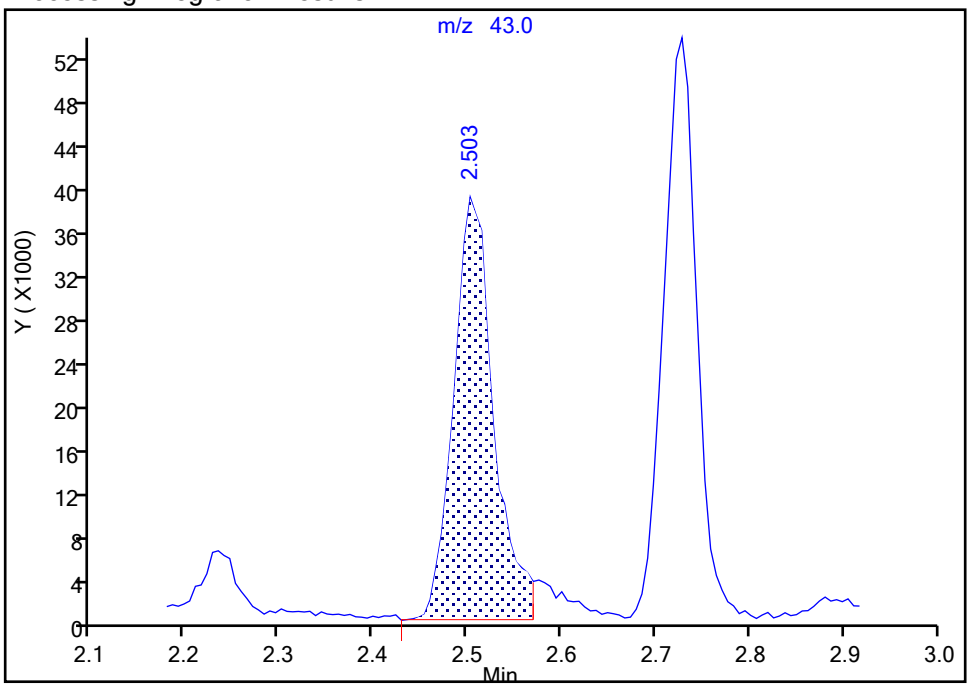
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84424.D
Injection Date: 30-Aug-2024 14:05:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

22 Acetone, CAS: 67-64-1

Signal: 1

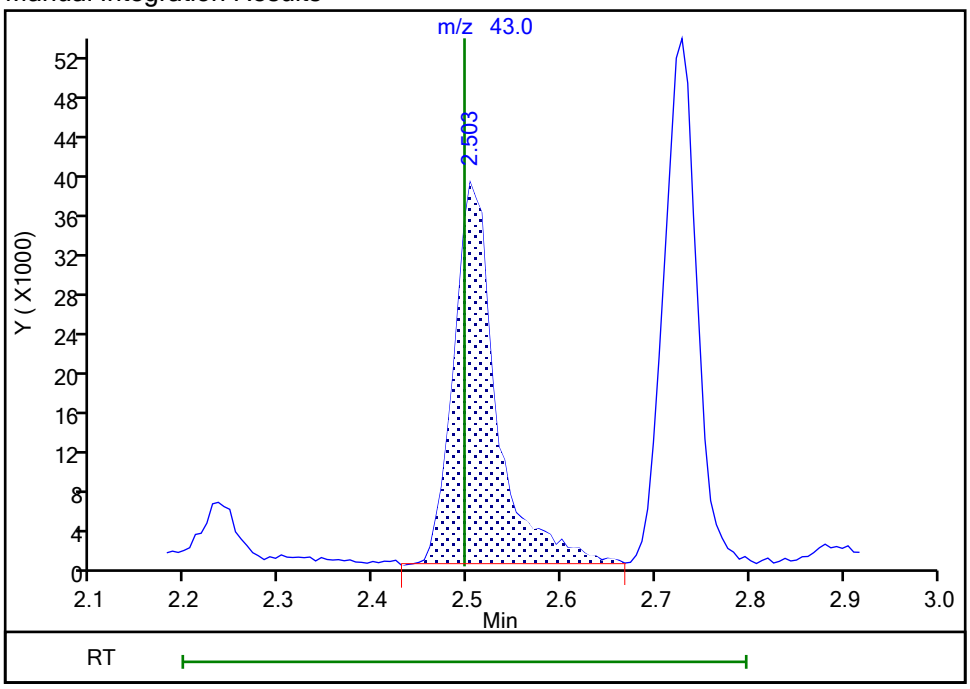
Processing Integration Results

RT: 2.50
Area: 115378
Amount: 89.221464
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 124393
Amount: 96.192737
Amount Units: ug/l



Reviewer: NN6A, 31-Aug-2024 17:13:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310268-A-1 MS

Matrix: Water | Lab File ID: TT84448.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.20
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	23.3		1.0	0.38
106-93-4	1,2-Dibromoethane	21.6		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.21
107-06-2	1,2-Dichloroethane	19.9		1.0	0.43
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.2		1.0	0.33
78-93-3	2-Butanone	98.5		5.0	1.9
591-78-6	2-Hexanone	119		5.0	1.1
108-10-1	4-Methyl-2-pentanone	114		5.0	1.3
67-64-1	Acetone	87.8		5.0	4.4
71-43-2	Benzene	23.3		1.0	0.20
75-27-4	Bromodichloromethane	20.8		1.0	0.34
75-25-2	Bromoform	23.8		1.0	0.54
74-83-9	Bromomethane	19.1		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	23.9		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
75-00-3	Chloroethane	17.5		1.0	0.32
67-66-3	Chloroform	21.1		1.0	0.33
74-87-3	Chloromethane	19.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.22
110-82-7	Cyclohexane	28.7		1.0	0.32
124-48-1	Dibromochloromethane	22.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	8.48		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310268-A-1 MS

Matrix: Water | Lab File ID: TT84448.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 21:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.3		1.0	0.30
76-13-1	Freon TF	17.7		1.0	0.31
98-82-8	Isopropylbenzene	31.1		1.0	0.34
108-87-2	Methylcyclohexane	24.8		1.0	0.71
75-09-2	Methylene Chloride	20.0		1.0	0.32
1634-04-4	MTBE	20.8		1.0	0.22
100-42-5	Styrene	21.5		1.0	0.42
127-18-4	Tetrachloroethene	21.9		1.0	0.25
108-88-3	Toluene	18.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.22
79-01-6	Trichloroethene	98.0		1.0	0.31
75-69-4	Trichlorofluoromethane	14.8		1.0	0.32
75-01-4	Vinyl chloride	16.9		1.0	0.17
1330-20-7	Xylenes, Total	43.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Report Date: 31-Aug-2024 17:32:39 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Sample Type: MS
Inject. Date: 30-Aug-2024 21:56:30 ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MS
Misc. Info.: 460-0180260-041
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:32:38 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	79	10235	20.0	13.7	a
2 1,1-Difluoroethane	65	1.326	1.320	0.006	96	30260	20.0	15.2	
4 Dichlorodifluoromethane	85	1.357	1.338	0.019	62	40134	20.0	8.48	M
5 Chlorodifluoromethane	67	1.369	1.351	0.018	97	12776	20.0	22.3	a
6 Chloromethane	50	1.509	1.491	0.018	99	108478	20.0	19.1	
7 Vinyl chloride	62	1.570	1.558	0.012	98	84058	20.0	16.9	
8 Butadiene	54	1.588	1.570	0.018	98	70625	20.0	15.1	
9 Bromomethane	94	1.826	1.820	0.006	99	67113	20.0	19.1	
10 Chloroethane	64	1.893	1.881	0.012	100	57297	20.0	17.5	
11 Dichlorofluoromethane	67	2.058	2.039	0.019	98	151770	20.0	18.1	
12 Trichlorofluoromethane	101	2.070	2.052	0.018	45	74408	20.0	14.8	
13 Pentane	72	2.070	2.070	0.000	97	17701	40.0	30.1	
14 Ethanol	46	2.222	2.234	-0.012	88	17330	800.0	729.0	
15 Ethyl ether	74	2.247	2.234	0.013	94	49853	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.265	2.259	0.006	97	62023	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.314	2.302	0.012	83	62851	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.363	2.350	0.012	95	102941	20.0	18.4	
19 Acrolein	56	2.405	2.387	0.018	94	33207	40.0	49.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.423	2.411	0.012	95	54056	20.0	17.7	
21 1,1-Dichloroethene	96	2.442	2.436	0.006	97	68651	20.0	18.5	
22 Acetone	43	2.509	2.497	0.012	87	109260	100.0	87.8	
23 Iodomethane	142	2.582	2.570	0.012	97	127258	20.0	19.9	
25 Isopropyl alcohol	45	2.594	2.588	0.006	33	44533	200.0	186.9	a
24 Carbon disulfide	76	2.612	2.600	0.012	99	230832	20.0	17.4	
26 3-Chloro-1-propene	76	2.728	2.716	0.012	90	45709	20.0	18.1	
27 Methyl acetate	43	2.734	2.722	0.012	96	263342	40.0	84.2	
28 Cyclopentene	67	2.747	2.734	0.013	91	154836	20.0	19.8	
29 Acetonitrile	41	2.783	2.771	0.012	93	171413	200.0	318.1	a
* 31 TBA-d9 (IS)	66	2.832	2.832	0.000	0	58579	1000.0	1000.0	
30 Methylene Chloride	84	2.850	2.838	0.012	95	91952	20.0	20.0	
32 2-Methyl-2-propanol	59	2.893	2.887	0.006	91	77418	200.0	203.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.990	2.984	0.006	95	238963	20.0	20.8	a
34 trans-1,2-Dichloroethene	96	3.021	3.009	0.012	96	83791	20.0	21.0	
35 Acrylonitrile	53	3.082	3.070	0.012	94	308575	200.0	199.4	
36 Hexane	57	3.167	3.155	0.012	94	77777	20.0	18.6	
37 Isopropyl ether	45	3.362	3.356	0.006	94	272829	20.0	19.8	
38 1,1-Dichloroethane	63	3.393	3.381	0.012	98	153616	20.0	20.7	
39 Vinyl acetate	86	3.405	3.393	0.012	100	29762	40.0	49.8	
40 2-Chloro-1,3-butadiene	88	3.429	3.423	0.006	90	67631	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.661	3.649	0.012	89	255961	20.0	20.8	
* 42 2-Butanone-d5	46	3.838	3.832	0.006	0	432842	250.0	250.0	
43 2,2-Dichloropropane	97	3.868	3.862	0.006	48	23386	20.0	20.5	a
44 cis-1,2-Dichloroethene	96	3.880	3.868	0.012	96	97987	20.0	21.6	
45 2-Butanone (MEK)	72	3.893	3.887	0.006	96	44783	100.0	98.5	
46 Ethyl acetate	70	3.905	3.887	0.018	97	16913	40.0	42.4	
47 Methyl acrylate	55	3.948	3.941	0.007	99	73090	20.0	22.1	
48 Propionitrile	54	4.021	4.009	0.012	98	116392	200.0	173.5	
50 Tetrahydrofuran	72	4.088	4.082	0.006	58	20434	40.0	37.4	
49 Chlorobromomethane	128	4.094	4.088	0.006	91	43016	20.0	19.4	
51 Methacrylonitrile	67	4.118	4.112	0.006	92	347876	200.0	222.5	
52 Chloroform	83	4.149	4.143	0.006	98	139083	20.0	21.1	
53 Cyclohexane	84	4.277	4.271	0.006	96	146587	20.0	28.7	
54 1,1,1-Trichloroethane	97	4.289	4.283	0.006	96	105990	20.0	21.8	
$ 55 Dibromofluoromethane (Surr)	113	4.295	4.289	0.006	98	189648	50.0	49.8	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	76880	20.0	23.9	
57 1,1-Dichloropropene	75	4.423	4.423	0.000	95	106535	20.0	21.3	
58 Isobutyl alcohol	43	4.551	4.551	0.000	88	144273	500.0	1132.7	a
59 Isooctane	57	4.594	4.582	0.012	95	210193	20.0	17.9	
60 Benzene	78	4.618	4.612	0.006	96	380374	20.0	23.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.630	4.624	0.006	0	226278	50.0	50.2	
62 Tert-amyl methyl ether	73	4.685	4.673	0.012	92	252120	20.0	20.2	
63 Isopropyl acetate	61	4.673	4.673	0.000	94	44995	20.0	21.9	
64 1,2-Dichloroethane	62	4.704	4.697	0.007	96	102101	20.0	19.9	
65 n-Heptane	100	4.777	4.771	0.006	93	13222	20.0	19.0	
* 66 Fluorobenzene	96	4.892	4.886	0.006	98	787406	50.0	50.0	
67 n-Butanol	56	5.191	5.185	0.006	90	45121	500.0	529.4	
68 Trichloroethene	95	5.234	5.228	0.006	98	365880	20.0	98.0	
69 Methylcyclohexane	83	5.356	5.356	0.000	78	145069	20.0	24.8	
70 Ethyl acrylate	99	5.356	5.356	0.000	95	12414	20.0	20.3	
71 1,2-Dichloropropane	63	5.514	5.508	0.006	93	87153	20.0	20.9	
* 72 1,4-Dioxane-d8	96	5.563	5.563	0.000	0	37750	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	91	40861	40.0	46.5	
75 1,4-Dioxane	88	5.618	5.618	0.000	64	17394	400.0	424.0	M
74 Dibromomethane	93	5.636	5.630	0.006	96	49486	20.0	20.6	
76 n-Propyl acetate	43	5.655	5.648	0.007	99	110704	20.0	20.5	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	90220	20.0	20.8	
78 2-Nitropropane	41	6.118	6.112	0.006	87	30991	40.0	60.9	
80 Epichlorohydrin	57	6.222	6.222	0.000	99	93334	400.0	254.2	
81 cis-1,3-Dichloropropene	75	6.276	6.276	0.000	91	127118	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.447	6.441	0.006	97	172150	100.0	113.6	
$ 83 Toluene-d8 (Surr)	98	6.520	6.514	0.006	100	743971	50.0	49.7	
84 Toluene	91	6.593	6.587	0.006	93	332242	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	108549	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.977	6.977	0.000	92	114374	20.0	22.0	
87 1,1,2-Trichloroethane	83	7.142	7.142	0.000	96	61995	20.0	21.5	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	80642	20.0	21.9	
89 1,3-Dichloropropane	76	7.349	7.349	0.000	96	122541	20.0	21.1	
90 2-Hexanone	43	7.422	7.423	0.000	96	288820	100.0	119.5	
91 n-Butyl acetate	43	7.544	7.544	0.000	98	133145	20.0	25.3	
92 Chlorodibromomethane	129	7.575	7.575	0.000	99	61437	20.0	22.4	
93 Ethylene Dibromide	107	7.727	7.721	0.006	99	69889	20.0	21.6	
* 94 Chlorobenzene-d5	117	8.270	8.264	0.006	87	559048	50.0	50.0	
95 Chlorobenzene	112	8.306	8.300	0.006	95	215366	20.0	21.1	
96 Ethylbenzene	106	8.410	8.410	0.000	98	117501	20.0	21.3	
97 1,1,1,2-Tetrachloroethane	131	8.428	8.422	0.006	94	65912	20.0	22.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	144730	20.0	21.9	
99 o-Xylene	106	9.087	9.087	0.000	94	145665	20.0	21.6	
100 n-Butyl acrylate	73	9.093	9.087	0.006	98	65181	20.0	29.1	
101 Styrene	104	9.123	9.123	0.000	95	228932	20.0	21.5	
102 Bromoform	173	9.373	9.367	0.006	98	37500	20.0	23.8	
103 Amyl acetate (mixed isomers)	43	9.379	9.379	0.000	91	164205	20.0	20.1	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	476298	20.0	31.1	
$ 105 4-Bromofluorobenzene	174	9.757	9.757	0.000	93	240562	50.0	51.2	
106 Bromobenzene	156	9.898	9.898	0.000	99	93071	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	98	95109	20.0	21.9	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	483789	20.0	23.7	
109 1,2,3-Trichloropropane	110	10.020	10.013	0.007	98	26436	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	88	19248	20.0	19.2	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	292039	20.0	20.4	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	364130	20.0	21.3	
113 1,3,5-Trimethylbenzene	105	10.196	10.196	0.000	93	299532	20.0	21.2	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	292912	20.0	21.3	
115 Butyl Methacrylate	87	10.324	10.324	0.000	90	93449	20.0	17.1	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	282660	20.0	23.8	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	313401	20.0	21.3	
118 sec-Butylbenzene	105	10.721	10.727	-0.006	99	478067	20.0	26.6	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	97	185518	20.0	21.1	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	344259	20.0	22.3	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	95	315775	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	185486	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	10.971	10.971	0.000	99	335692	20.0	21.0	
124 Benzyl chloride	91	11.086	11.086	0.000	99	133316	20.0	21.5	
125 2,3-Dihydroindene	117	11.147	11.147	0.000	95	336273	20.0	22.1	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	225137	20.0	22.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	98	183443	20.0	21.7	
128 1,2-Dichlorobenzene	146	11.281	11.282	-0.001	96	181773	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	98	334218	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	155	11.970	11.970	0.000	95	14528	20.0	23.3	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	98	152474	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	94	147425	20.0	22.3	
133 Hexachlorobutadiene	225	12.671	12.671	0.000	98	73920	20.0	21.8	
134 Naphthalene	128	12.775	12.775	0.000	99	358300	20.0	23.3	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	142017	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 137 Xylenes, Total	100				0		40.0	43.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.1	
S 140 Total BTEX	1				0		100.0	107.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:32:39 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D

Injection Date: 30-Aug-2024 21:56:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 MS

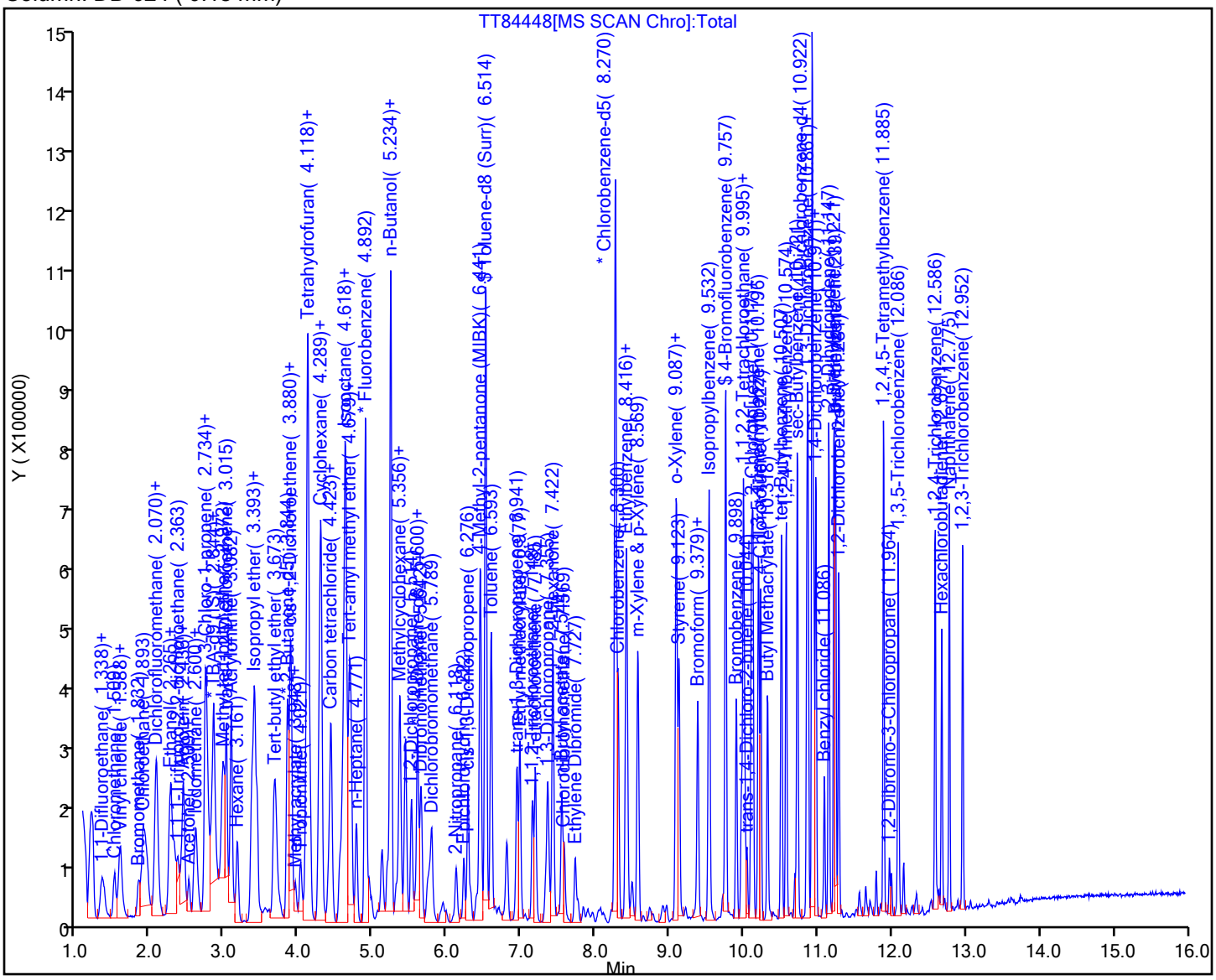
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 40 Worklist Smp#: 41

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Sample Type: MS
Inject. Date: 30-Aug-2024 21:56:30 ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MS
Misc. Info.: 460-0180260-041
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:32:38 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:45:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.8	99.53
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.45
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.36
$ 105 4-Bromofluorobenzene	50.0	51.2	102.36

Eurofins Edison

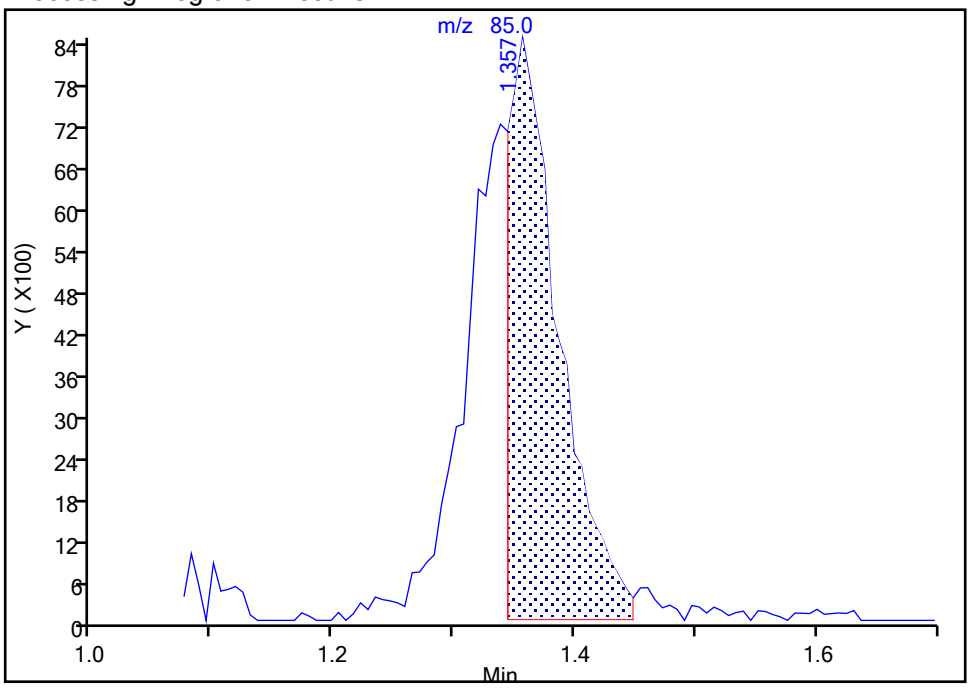
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D
Injection Date: 30-Aug-2024 21:56:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MS
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 40 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

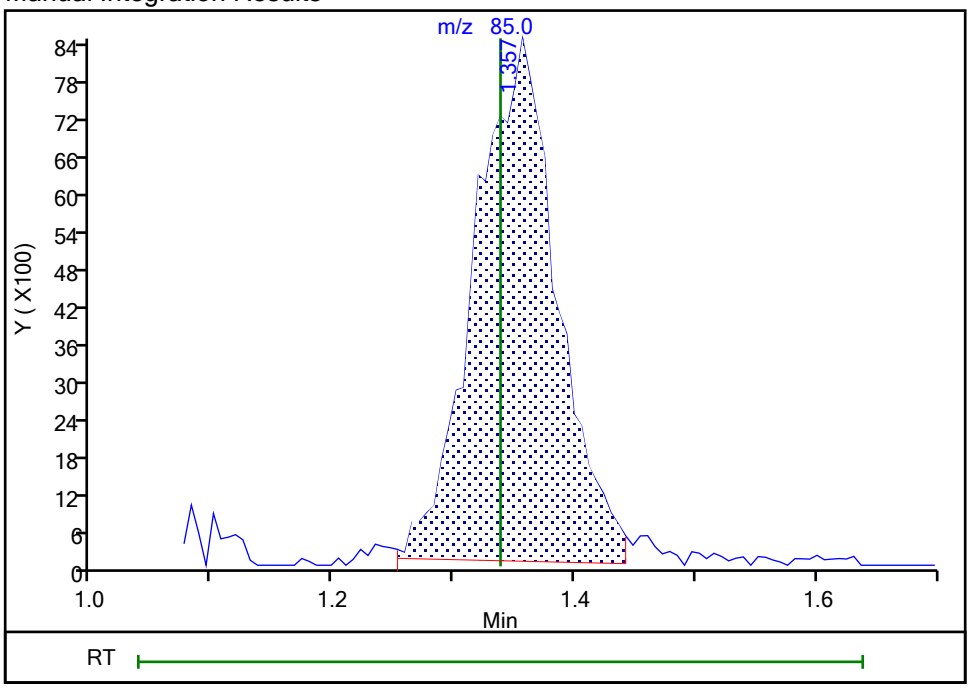
Processing Integration Results

RT: 1.36
Area: 24794
Amount: 5.237050
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 40134
Amount: 8.477203
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:44:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

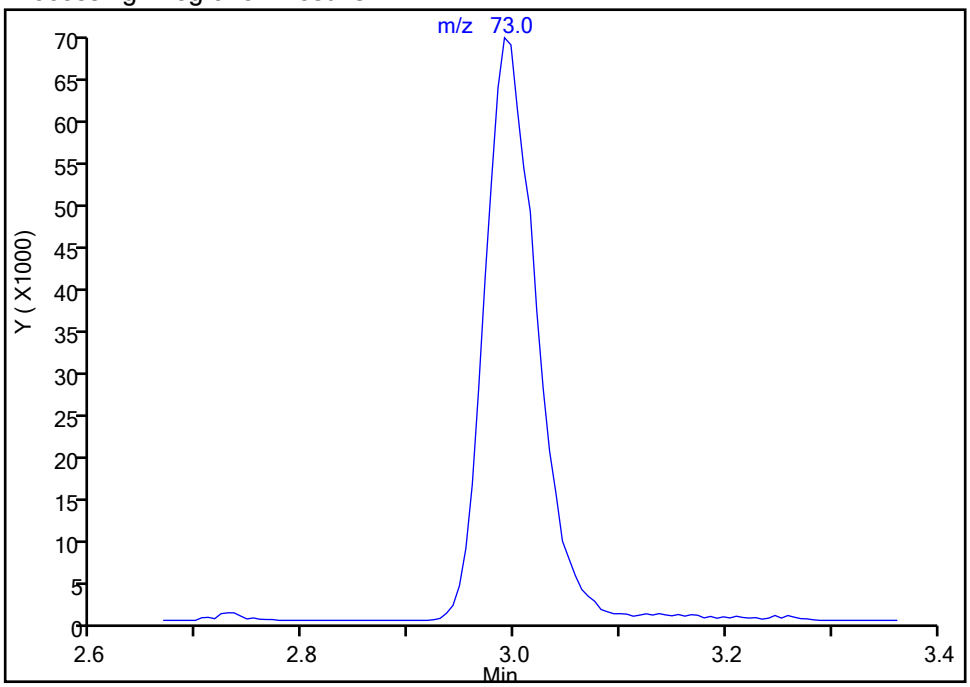
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84448.D				
Injection Date:	30-Aug-2024 21:56:30	Instrument ID:	CVOAMS17		
Lims ID:	460-310268-A-1 MS				
Client ID:	NL-MW-03_20240827				
Operator ID:		ALS Bottle#:	40	Worklist Smp#:	41
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

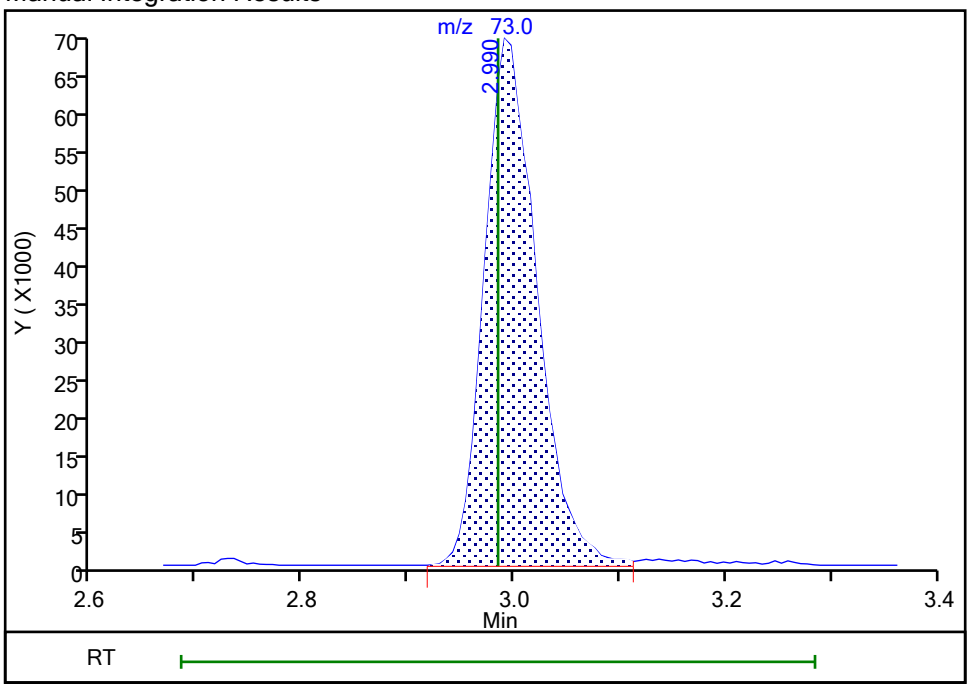
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.99
Area: 238963
Amount: 20.823383
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:44:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310268-A-1 MSD

Matrix: Water | Lab File ID: TT84449.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 22:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.6		1.0	0.20
75-34-3	1,1-Dichloroethane	22.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	24.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	24.4		1.0	0.38
106-93-4	1,2-Dibromoethane	22.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.21
107-06-2	1,2-Dichloroethane	20.8		1.0	0.43
78-87-5	1,2-Dichloropropane	21.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.0		1.0	0.33
78-93-3	2-Butanone	103		5.0	1.9
591-78-6	2-Hexanone	126		5.0	1.1
108-10-1	4-Methyl-2-pentanone	122		5.0	1.3
67-64-1	Acetone	98.2		5.0	4.4
71-43-2	Benzene	24.9		1.0	0.20
75-27-4	Bromodichloromethane	21.4		1.0	0.34
75-25-2	Bromoform	24.7		1.0	0.54
74-83-9	Bromomethane	20.3		1.0	0.55
75-15-0	Carbon disulfide	19.6		1.0	0.82
56-23-5	Carbon tetrachloride	26.1		1.0	0.21
108-90-7	Chlorobenzene	22.4		1.0	0.38
75-00-3	Chloroethane	19.0		1.0	0.32
67-66-3	Chloroform	22.6		1.0	0.33
74-87-3	Chloromethane	21.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.1		1.0	0.22
110-82-7	Cyclohexane	32.5		1.0	0.32
124-48-1	Dibromochloromethane	24.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	9.92		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-310269-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-310268-A-1 MSD

Matrix: Water | Lab File ID: TT84449.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/30/2024 22:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993368 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	22.9		1.0	0.30
76-13-1	Freon TF	20.4		1.0	0.31
98-82-8	Isopropylbenzene	33.1		1.0	0.34
108-87-2	Methylcyclohexane	28.2		1.0	0.71
75-09-2	Methylene Chloride	22.0		1.0	0.32
1634-04-4	MTBE	22.3		1.0	0.22
100-42-5	Styrene	22.7		1.0	0.42
127-18-4	Tetrachloroethene	22.8		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.7		1.0	0.22
79-01-6	Trichloroethene	101		1.0	0.31
75-69-4	Trichlorofluoromethane	16.6		1.0	0.32
75-01-4	Vinyl chloride	19.4		1.0	0.17
1330-20-7	Xylenes, Total	46.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Sample Type: MSD
Inject. Date: 30-Aug-2024 22:16:30 ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-310268-A-1 MSD
Misc. Info.: 460-0180260-042
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Aug-2024 17:33:50 Calib Date: 30-Aug-2024 10:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: FK2C Date: 31-Aug-2024 05:46:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.223	1.235	-0.012	1	233	20.0	4.71	
3 Chlorotrifluoroethene	116	1.302	1.314	-0.012	55	12639	20.0	17.6	Ma
2 1,1-Difluoroethane	65	1.314	1.320	-0.006	97	34242	20.0	17.9	
4 Dichlorodifluoromethane	85	1.326	1.338	-0.012	47	45158	20.0	9.92	M
5 Chlorodifluoromethane	67	1.345	1.351	-0.006	96	12907	20.0	23.5	
6 Chloromethane	50	1.497	1.491	0.006	99	118973	20.0	21.8	
7 Vinyl chloride	62	1.564	1.558	0.006	97	92795	20.0	19.4	
8 Butadiene	54	1.576	1.570	0.006	97	76721	20.0	17.1	
9 Bromomethane	94	1.826	1.820	0.006	99	68405	20.0	20.3	
10 Chloroethane	64	1.881	1.881	0.000	99	59784	20.0	19.0	
11 Dichlorofluoromethane	67	2.046	2.039	0.007	98	160681	20.0	20.0	
12 Trichlorofluoromethane	101	2.058	2.052	0.006	46	80241	20.0	16.6	
13 Pentane	72	2.070	2.070	0.000	97	22498	40.0	39.9	
14 Ethanol	46	2.204	2.234	-0.030	90	20308	800.0	910.0	
15 Ethyl ether	74	2.235	2.234	0.001	95	49949	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	2.259	2.259	0.000	97	66817	20.0	21.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.296	2.302	-0.006	88	66475	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.350	2.350	0.000	91	107169	20.0	19.9	
19 Acrolein	56	2.393	2.387	0.006	94	36483	40.0	56.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.418	2.411	0.007	96	59823	20.0	20.4	
21 1,1-Dichloroethene	96	2.436	2.436	0.000	97	74338	20.0	20.8	
22 Acetone	43	2.503	2.497	0.006	88	115817	100.0	98.2	
23 Iodomethane	142	2.576	2.570	0.006	96	134191	20.0	21.8	
25 Isopropyl alcohol	45	2.582	2.588	-0.006	33	50691	200.0	219.3	a
24 Carbon disulfide	76	2.600	2.600	0.000	100	250718	20.0	19.6	
26 3-Chloro-1-propene	76	2.716	2.716	0.000	92	50657	20.0	20.8	
27 Methyl acetate	43	2.735	2.722	0.013	92	280775	40.0	93.3	
28 Cyclopentene	67	2.741	2.734	0.007	91	163473	20.0	21.8	
29 Acetonitrile	41	2.765	2.771	-0.006	66	150695	200.0	295.0	a
* 31 TBA-d9 (IS)	66	2.826	2.832	-0.006	0	56849	1000.0	1000.0	
30 Methylene Chloride	84	2.838	2.838	0.000	95	97380	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.899	2.887	0.012	92	77942	200.0	210.8	a
33 Methyl tert-butyl ether	73	2.978	2.984	-0.006	97	246142	20.0	22.3	a
34 trans-1,2-Dichloroethene	96	3.009	3.009	0.000	96	87630	20.0	22.8	
35 Acrylonitrile	53	3.070	3.070	0.000	95	315636	200.0	212.2	
36 Hexane	57	3.155	3.155	0.000	95	83200	20.0	20.7	
37 Isopropyl ether	45	3.356	3.356	0.000	95	279370	20.0	21.1	
38 1,1-Dichloroethane	63	3.381	3.381	0.000	99	157144	20.0	22.0	
39 Vinyl acetate	86	3.393	3.393	0.000	100	30052	40.0	53.0	
40 2-Chloro-1,3-butadiene	88	3.423	3.423	0.000	91	70066	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.655	3.649	0.006	89	263511	20.0	22.3	
* 42 2-Butanone-d5	46	3.832	3.832	0.000	0	410388	250.0	250.0	
43 2,2-Dichloropropane	97	3.862	3.862	0.000	97	25173	20.0	23.0	a
44 cis-1,2-Dichloroethene	96	3.875	3.868	0.007	98	103270	20.0	23.7	
45 2-Butanone (MEK)	72	3.887	3.887	0.000	97	44443	100.0	103.1	
46 Ethyl acetate	70	3.893	3.887	0.006	95	16403	40.0	43.4	
47 Methyl acrylate	55	3.942	3.941	0.001	99	68089	20.0	21.4	
48 Propionitrile	54	4.009	4.009	0.000	98	115560	200.0	177.5	
50 Tetrahydrofuran	72	4.082	4.082	0.000	60	21562	40.0	41.7	
49 Chlorobromomethane	128	4.088	4.088	0.000	92	44043	20.0	20.7	
51 Methacrylonitrile	67	4.112	4.112	0.000	92	344725	200.0	229.4	
52 Chloroform	83	4.143	4.143	0.000	99	143451	20.0	22.6	
53 Cyclohexane	84	4.271	4.271	0.000	95	159415	20.0	32.5	
54 1,1,1-Trichloroethane	97	4.283	4.283	0.000	95	110871	20.0	23.7	
$ 55 Dibromofluoromethane (Surr)	113	4.289	4.289	0.000	98	181604	50.0	49.6	
56 Carbon tetrachloride	117	4.399	4.393	0.006	97	80744	20.0	26.1	
57 1,1-Dichloropropene	75	4.417	4.423	-0.006	95	108640	20.0	22.6	
58 Isobutyl alcohol	43	4.551	4.551	0.000	91	153238	500.0	1239.7	
59 Isooctane	57	4.588	4.582	0.006	96	234778	20.0	20.8	
60 Benzene	78	4.612	4.612	0.000	96	389415	20.0	24.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.624	4.624	0.000	0	212806	50.0	49.1	
62 Tert-amyl methyl ether	73	4.679	4.673	0.006	82	262999	20.0	21.9	
63 Isopropyl acetate	61	4.679	4.673	0.006	92	44071	20.0	22.3	
64 1,2-Dichloroethane	62	4.698	4.697	0.001	95	102943	20.0	20.8	
65 n-Heptane	100	4.771	4.771	0.000	95	13903	20.0	20.8	
* 66 Fluorobenzene	96	4.887	4.886	0.001	99	756995	50.0	50.0	
67 n-Butanol	56	5.185	5.185	0.000	94	45610	500.0	551.4	
68 Trichloroethene	95	5.228	5.228	0.000	98	364013	20.0	101.4	
69 Methylcyclohexane	83	5.350	5.356	-0.006	79	158537	20.0	28.2	
70 Ethyl acrylate	99	5.356	5.356	0.000	97	12844	20.0	21.8	
71 1,2-Dichloropropane	63	5.508	5.508	0.000	93	86303	20.0	21.5	
* 72 1,4-Dioxane-d8	96	5.557	5.563	-0.006	0	37425	1000.0	1000.0	
73 Methyl methacrylate	100	5.594	5.594	0.000	93	40427	40.0	47.9	
75 1,4-Dioxane	88	5.618	5.618	0.000	61	16720	400.0	411.1	
74 Dibromomethane	93	5.636	5.630	0.006	95	49809	20.0	21.6	
76 n-Propyl acetate	43	5.649	5.648	0.001	99	108248	20.0	20.8	
77 Dichlorobromomethane	83	5.789	5.783	0.006	99	89162	20.0	21.4	
78 2-Nitropropane	41	6.112	6.112	0.000	90	28715	40.0	58.8	
80 Epichlorohydrin	57	6.216	6.222	-0.006	99	88214	400.0	253.4	
81 cis-1,3-Dichloropropene	75	6.277	6.276	0.001	92	125779	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.441	6.441	0.000	97	174872	100.0	121.7	
$ 83 Toluene-d8 (Surr)	98	6.514	6.514	0.000	100	702900	50.0	49.1	
84 Toluene	91	6.587	6.587	0.000	93	334703	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.935	6.935	0.000	98	108385	20.0	22.7	
86 Ethyl methacrylate	69	6.972	6.977	-0.005	91	118631	20.0	23.8	
87 1,1,2-Trichloroethane	83	7.148	7.142	0.006	97	62244	20.0	22.6	
88 Tetrachloroethene	166	7.185	7.185	0.000	96	80140	20.0	22.8	
89 1,3-Dichloropropane	76	7.350	7.349	0.001	94	118960	20.0	21.5	
90 2-Hexanone	43	7.423	7.423	0.001	96	288348	100.0	125.8	
91 n-Butyl acetate	43	7.545	7.544	0.001	99	134581	20.0	26.7	
92 Chlorodibromomethane	129	7.575	7.575	0.000	98	63262	20.0	24.1	
93 Ethylene Dibromide	107	7.721	7.721	0.000	99	68539	20.0	22.2	
* 94 Chlorobenzene-d5	117	8.264	8.264	0.000	87	534723	50.0	50.0	
95 Chlorobenzene	112	8.301	8.300	0.001	95	219084	20.0	22.4	
96 Ethylbenzene	106	8.410	8.410	0.000	98	120525	20.0	22.9	
97 1,1,1,2-Tetrachloroethane	131	8.422	8.422	0.000	94	68714	20.0	24.2	
98 m-Xylene & p-Xylene	106	8.569	8.569	0.000	0	147561	20.0	23.4	
99 o-Xylene	106	9.087	9.087	0.000	94	147916	20.0	22.9	
100 n-Butyl acrylate	73	9.087	9.087	0.000	96	69089	20.0	32.3	
101 Styrene	104	9.124	9.123	0.001	95	231724	20.0	22.7	
102 Bromoform	173	9.373	9.367	0.006	98	37382	20.0	24.7	
103 Amyl acetate (mixed isomers)	43	9.380	9.379	0.001	90	169001	20.0	21.5	
104 Isopropylbenzene	105	9.532	9.532	0.000	96	484788	20.0	33.1	
$ 105 4-Bromofluorobenzene	174	9.758	9.757	0.001	93	225437	50.0	50.1	
106 Bromobenzene	156	9.898	9.898	0.000	98	94963	20.0	22.0	
107 1,1,2,2-Tetrachloroethane	83	9.971	9.971	0.000	99	98834	20.0	23.7	
108 N-Propylbenzene	91	9.995	9.995	0.000	99	493643	20.0	25.2	
109 1,2,3-Trichloropropane	110	10.014	10.013	0.001	98	27181	20.0	22.8	
110 trans-1,4-Dichloro-2-butene	53	10.044	10.044	0.000	87	21229	20.0	22.0	
111 2-Chlorotoluene	91	10.105	10.105	0.000	97	298597	20.0	21.7	
112 4-Ethyltoluene	105	10.123	10.123	0.000	97	372623	20.0	22.7	
113 1,3,5-Trimethylbenzene	105	10.197	10.196	0.000	93	309350	20.0	22.8	
114 4-Chlorotoluene	91	10.227	10.227	0.000	97	279760	20.0	21.1	
115 Butyl Methacrylate	87	10.325	10.324	0.001	91	96939	20.0	18.5	
116 tert-Butylbenzene	119	10.507	10.507	0.000	95	279352	20.0	24.5	
117 1,2,4-Trimethylbenzene	105	10.574	10.574	0.000	97	320648	20.0	22.6	
118 sec-Butylbenzene	105	10.727	10.727	0.000	99	490475	20.0	28.3	
119 1,3-Dichlorobenzene	146	10.855	10.855	0.000	96	184818	20.0	21.9	
120 4-Isopropyltoluene	119	10.867	10.867	0.000	98	352185	20.0	23.7	
* 121 1,4-Dichlorobenzene-d4	152	10.922	10.922	0.000	96	303858	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.946	10.946	0.000	96	185348	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	10.977	10.971	0.006	98	344105	20.0	22.4	
124 Benzyl chloride	91	11.087	11.086	0.001	99	132696	20.0	22.3	
125 2,3-Dihydroindene	117	11.148	11.147	0.001	95	344165	20.0	23.5	
126 p-Diethylbenzene	119	11.221	11.214	0.007	94	235158	20.0	24.8	
127 n-Butylbenzene	92	11.239	11.239	0.000	99	192485	20.0	23.7	
128 1,2-Dichlorobenzene	146	11.282	11.282	0.000	97	186312	20.0	22.4	
129 1,2,4,5-Tetramethylbenzene	119	11.885	11.885	0.000	97	342391	20.0	23.1	
130 1,2-Dibromo-3-Chloropropane	155	11.971	11.970	0.001	95	14644	20.0	24.4	
131 1,3,5-Trichlorobenzene	180	12.086	12.086	0.000	97	157771	20.0	22.3	
132 1,2,4-Trichlorobenzene	180	12.586	12.586	0.000	93	153613	20.0	24.2	
133 Hexachlorobutadiene	225	12.672	12.671	0.001	97	75697	20.0	23.2	
134 Naphthalene	128	12.775	12.775	0.000	99	368133	20.0	24.8	
135 1,2,3-Trichlorobenzene	180	12.958	12.958	0.000	95	150424	20.0	23.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	46.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.8	
S 140 Total BTEX	1				0		100.0	114.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00173	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00600	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00076	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 31-Aug-2024 17:33:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D

Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17

Lims ID: 460-310268-A-1 MSD

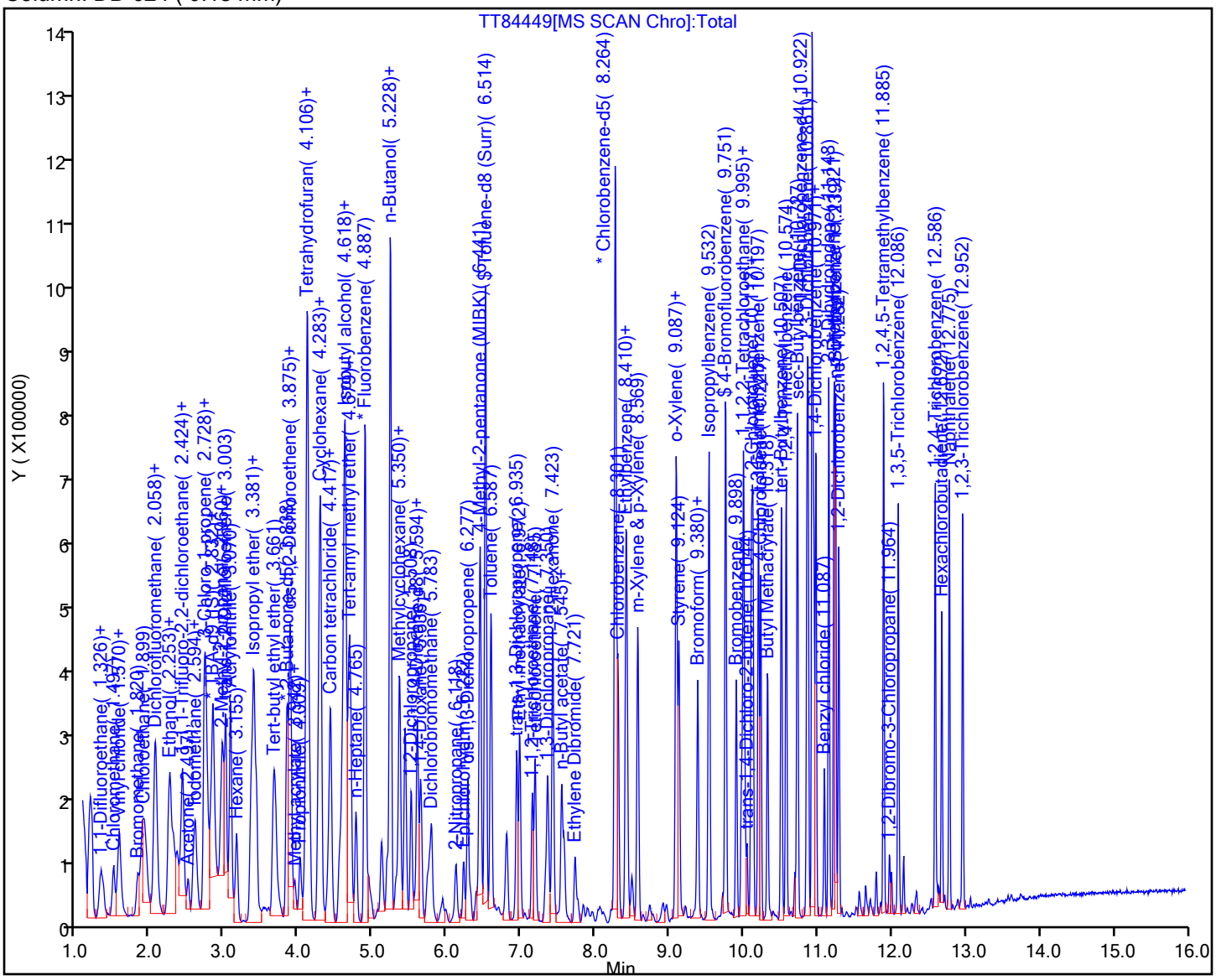
Client ID: NL-MW-03_20240827

Operator ID: ALS Bottle#: 41 Worklist Smp#: 42

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D				
Lims ID:	460-310268-A-1 MSD				
Client ID:	NL-MW-03_20240827				
Sample Type:	MSD				
Inject. Date:	30-Aug-2024 22:16:30	ALS Bottle#:	41	Worklist Smp#:	42
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-310268-A-1 MSD				
Misc. Info.:	460-0180260-042				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-Aug-2024 17:33:50	Calib Date:	30-Aug-2024 10:24:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84417.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1604				
First Level Reviewer: FK2C		Date:	31-Aug-2024 05:46:33		

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.6	99.14
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.27
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.15
$ 105 4-Bromofluorobenzene	50.0	50.1	100.29

Eurofins Edison

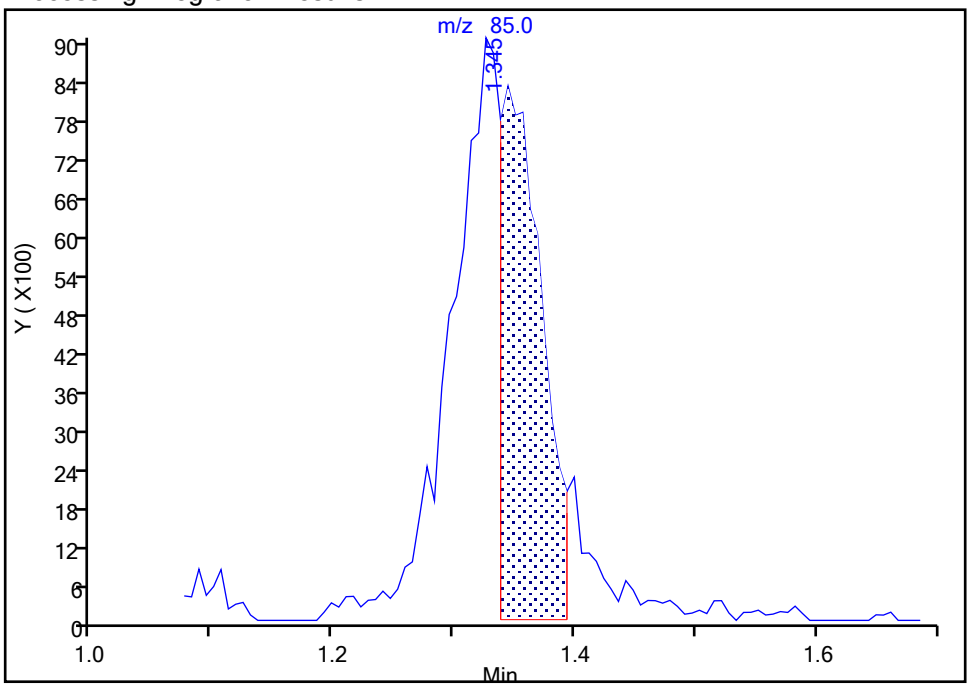
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

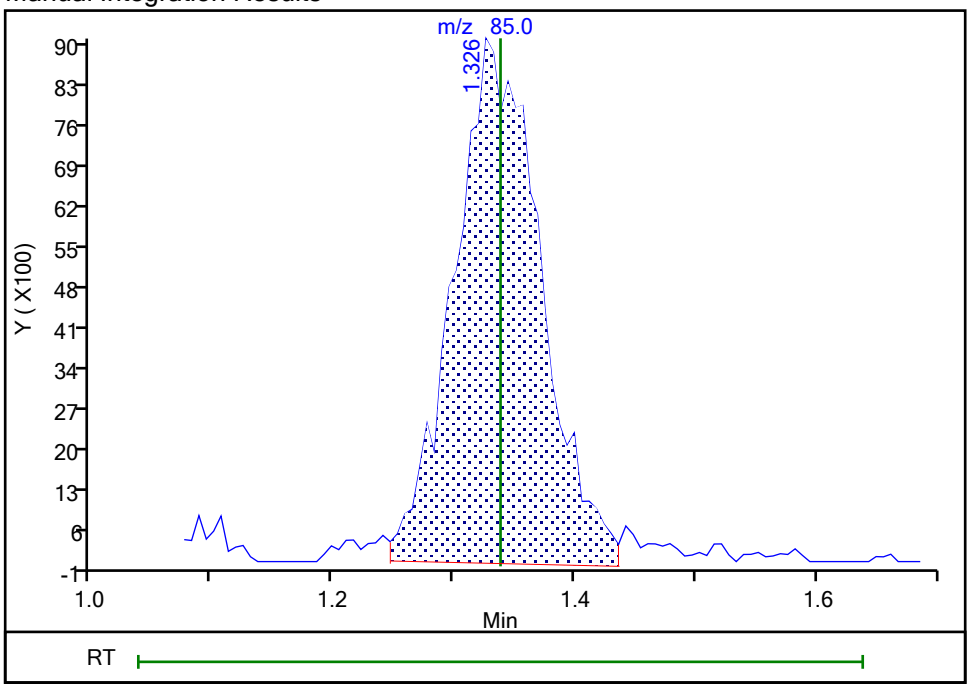
Processing Integration Results

RT: 1.34
Area: 20429
Amount: 4.488414
Amount Units: ug/l



Manual Integration Results

RT: 1.33
Area: 45158
Amount: 9.921573
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:45:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

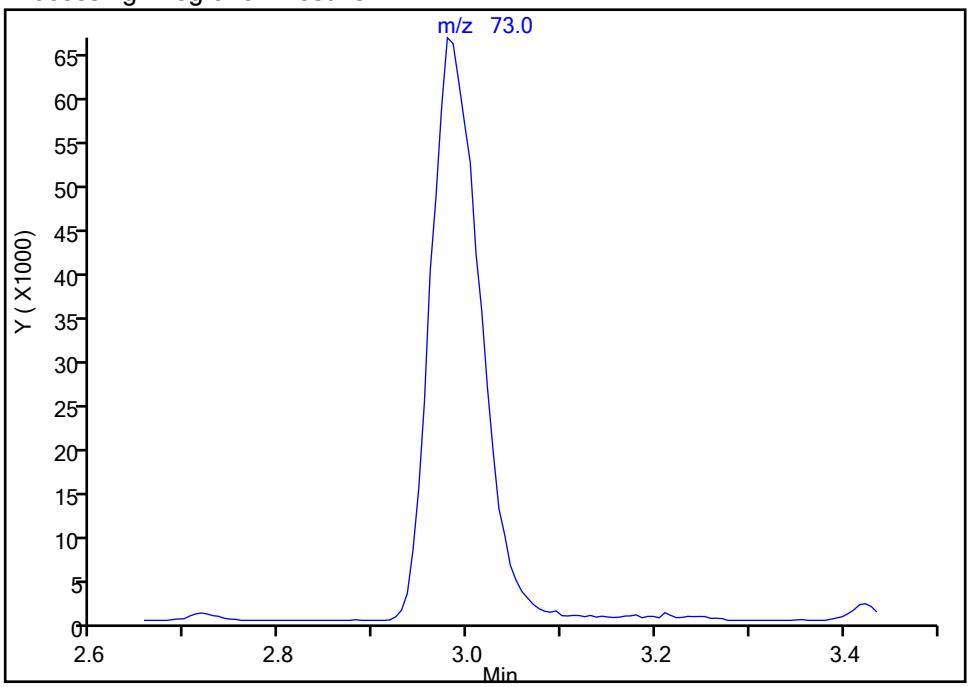
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240830-180260.b\TT84449.D
Injection Date: 30-Aug-2024 22:16:30 Instrument ID: CVOAMS17
Lims ID: 460-310268-A-1 MSD
Client ID: NL-MW-03_20240827
Operator ID: ALS Bottle#: 41 Worklist Smp#: 42
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

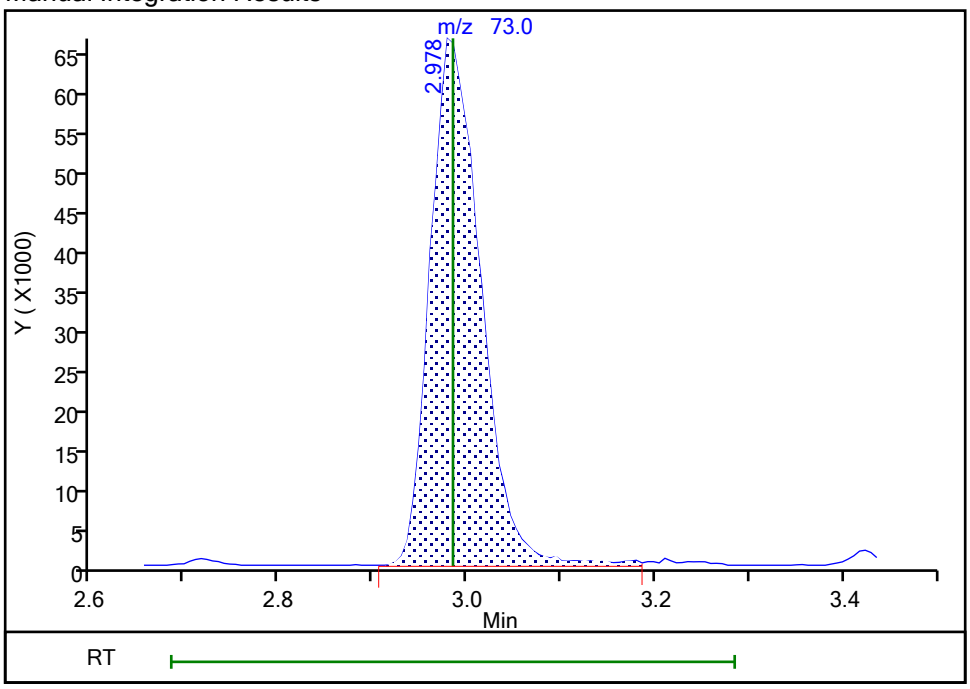
Not Detected
Expected RT: 2.98

Processing Integration Results



Manual Integration Results

RT: 2.98
Area: 246142
Amount: 22.310641
Amount Units: ug/l



Reviewer: FK2C, 31-Aug-2024 05:46:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/30/2024 07:27

Analysis Batch Number: 993368 End Date: 08/30/2024 22:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-993368/1		08/30/2024 07:27	1	TT84408.D	DB-624 0.18(mm)
STD8 460-993368/3 IC		08/30/2024 08:07	1	TT84410.D	DB-624 0.18(mm)
STD05 460-993368/4 IC		08/30/2024 08:26	1	TT84411.D	DB-624 0.18(mm)
STD1 460-993368/5 IC		08/30/2024 08:46	1	TT84412.D	DB-624 0.18(mm)
STD5 460-993368/6 IC		08/30/2024 09:05	1	TT84413.D	DB-624 0.18(mm)
STD20 460-993368/7 ICIS		08/30/2024 09:25	1	TT84414.D	DB-624 0.18(mm)
STD50 460-993368/8 IC		08/30/2024 09:45	1	TT84415.D	DB-624 0.18(mm)
STD200 460-993368/9 IC		08/30/2024 10:04	1	TT84416.D	DB-624 0.18(mm)
STD500 460-993368/10 IC		08/30/2024 10:24	1	TT84417.D	DB-624 0.18(mm)
ICV 460-993368/15		08/30/2024 13:25	1	TT84422.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 13:25	1		DB-624 0.18(mm)
LCS 460-993368/17		08/30/2024 14:05	1	TT84424.D	DB-624 0.18(mm)
MB 460-993368/21		08/30/2024 15:23	1	TT84428.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 15:42	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:02	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:22	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 16:41	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 17:01	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 17:21	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 17:41	1		DB-624 0.18(mm)
460-310269-1	NL-PWD-01_20240827	08/30/2024 18:00	1	TT84436.D	DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:20	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:40	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 18:59	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:19	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 19:58	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:18	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:38	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 20:57	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:17	1		DB-624 0.18(mm)
ZZZZZ		08/30/2024 21:36	1		DB-624 0.18(mm)
460-310268-A-1 MS		08/30/2024 21:56	1	TT84448.D	DB-624 0.18(mm)
460-310268-A-1 MSD		08/30/2024 22:16	1	TT84449.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	14DIOXINTER 00172	524FREONS 00023	7 Freons Hi 00017
BFB 460-993368/1		8260D			5 mL	5 mL				
STD8 460-993368/3 IC		8260D			5 mL	5 mL				
STD05 460-993368/4 IC		8260D			5 mL	5 mL		15 uL	5 uL	
STD1 460-993368/5 IC		8260D			5 mL	5 mL		30 uL	10 uL	
STD5 460-993368/6 IC		8260D			5 mL	5 mL			10 uL	
STD20 460-993368/7 ICIS		8260D			5 mL	5 mL			20 uL	
STD50 460-993368/8 IC		8260D			5 mL	5 mL			50 uL	
STD200 460-993368/9 IC		8260D			5 mL	5 mL				20 uL
STD500 460-993368/10 IC		8260D			5 mL	5 mL				50 uL
ICV 460-993368/15		8260D			5 mL	5 mL				
LCS 460-993368/17		8260D			5 mL	5 mL				
MB 460-993368/21		8260D			5 mL	5 mL				
460-310269-B-1	NL-PWD-01_20240827	8260D	Water	T	5 mL	5 mL	<2 PH Units			
460-310268-A-1 MS	NL-MW-03_20240827	8260D		T	5 mL	5 mL	<2 PH Units		20 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D		T	5 mL	5 mL	<2 PH Units		20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	7 Freons SS 00017	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D								20 uL
STD05 460-993368/4 IC		8260D					5 uL		2 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	7 Freons SS 00017	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00173	ACRY/EPIH MIX 00128
STD1 460-993368/5 IC		8260D					10 uL		4 uL	
STD5 460-993368/6 IC		8260D					10 uL		4 uL	
STD20 460-993368/7 ICIS		8260D					20 uL		4 uL	
STD50 460-993368/8 IC		8260D					50 uL		10 uL	
STD200 460-993368/9 IC		8260D							20 uL	
STD500 460-993368/10 IC		8260D							40 uL	
ICV 460-993368/15		8260D			20 uL	20 uL		4 uL		
LCS 460-993368/17		8260D			20 uL	20 uL		4 uL		
MB 460-993368/21		8260D								
460-310269-B-1	NL-PWD-01_20240827	8260D	Water	T						
460-310268-A-1 MS	NL-MW-03_20240827	8260D		T			20 uL		4 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D		T			20 uL		4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB 00036	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152
BFB 460-993368/1		8260D			1 uL					
STD8 460-993368/3 IC		8260D							2.5 uL	
STD05 460-993368/4 IC		8260D							5 uL	
STD1 460-993368/5 IC		8260D							10 uL	
STD5 460-993368/6 IC		8260D							10 uL	
STD20 460-993368/7 ICIS		8260D							20 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	BFB 00036	Ethanol mix 00092	GAS C SP 00583	GAS Hi 00477	GASES Li 00600	MIX 2 Hi 00152
STD50 460-993368/8 IC		8260D							50 uL	
STD200 460-993368/9 IC		8260D				20 uL		20 uL		20 uL
STD500 460-993368/10 IC		8260D				50 uL		50 uL		50 uL
ICV 460-993368/15		8260D					20 uL			
LCS 460-993368/17		8260D					20 uL			
MB 460-993368/21		8260D								
460-310269-B-1	NL-PWD-01_20240827	8260D	Water	T						
460-310268-A-1 MS	NL-MW-03_20240827	8260D		T					20 uL	
460-310268-A-1 MSD	NL-MW-03_20240827	8260D		T					20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX I Hi 00179	VOA6IS/SURR 00076				
BFB 460-993368/1		8260D								
STD8 460-993368/3 IC		8260D				5 uL				
STD05 460-993368/4 IC		8260D				5 uL				
STD1 460-993368/5 IC		8260D				5 uL				
STD5 460-993368/6 IC		8260D				5 uL				
STD20 460-993368/7 ICIS		8260D				5 uL				
STD50 460-993368/8 IC		8260D				5 uL				
STD200 460-993368/9 IC		8260D			20 uL	5 uL				
STD500 460-993368/10 IC		8260D			50 uL	5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-310269-1

SDG No.:

Batch Number: 993368 Batch Start Date: 08/30/24 07:27 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX I Hi 00179	VOA6IS/SURR 00076				
ICV 460-993368/15		8260D				5 uL				
LCS 460-993368/17		8260D				5 uL				
MB 460-993368/21		8260D				5 uL				
460-310269-B-1	NL-PWD-01_20240827	8260D	Water	T		5 uL				
460-310268-A-1 MS	NL-MW-03_20240827	8260D		T		5 uL				
460-310268-A-1 MSD	NL-MW-03_20240827	8260D		T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 450457

eurofins | Environment Testing TestAmerica

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Mark Jepsen	Site Contact: Brian Quinn	Date: 08/27/24	COC No:
Company Name: AARP Inc	Tel/Email: mjepsen@aarp.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S 7th Fl	**Analysis Turnaround Time**			Sampler:
City/State/Zip: New York, NY 10016	☐ CALENDAR DAYS ☑ WORKING DAYS			**For Lab Use Only**
Phone: 614-560-5425	TAT if different from Below: Standard			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 3700 Jerome Ave, Bronx	☐ 1 week			
Site:	☐ 2 days			Job / SDG No: 310269
P O # 11455	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y / N)	TCL VOC 8260	Sample Specific Notes:
NL-PWD-01_20240827	08/27/24	1430	G	GW	3			X	—

460-310269 Chain of Custody

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

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

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

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

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

Special Instructions/QC Requirements & Comments.
ignore → Cat B del-verables Cat B deliverables

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

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	AARP	08/27/24 1515	[signature]	[illegible]	27/8/24 17:30
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]			[signature]	KET 8/28/24	16:45
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
[signature]	KET 8/27/24	18:45	[signature]	FEDEX	8/27/24 1845

Coolers #1 #2 #3 #4

1.0/1.2 °C

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 310269

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	1.2	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

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

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

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

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

Initials: _____ Date: 8/27/24

Login Sample Receipt Checklist

Client: AKRF Inc

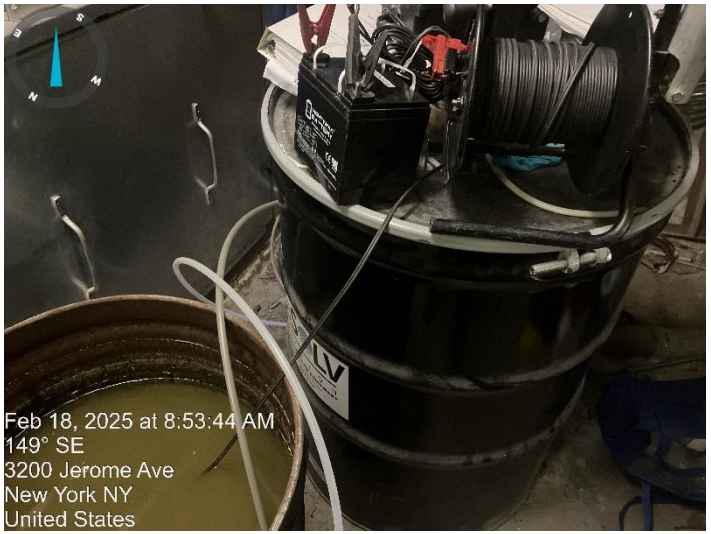
Job Number: 460-310269-1

Login Number: 310269
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

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

APPENDIX H
PHOTOGRAPHIC LOG



Photograph 1: Purging groundwater from on-site drum to a new drum located on the sidewalk for disposal.



Photograph 2: Low flow groundwater sampling of MW-3 in multi-purpose room.



Photograph 3: Gauges for SSDS-8 and SSDS-6 manifold.



Photograph 4: MP-4 cleanout located in first floor classroom.

APPENDIX I

INSTITUTION CONTROL AND ENGINEERING CONTROL (IC-EC) CERTIFICATION FORM

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

Site Details **Box 1**

Site No. C203061

Site Name Former Nessen Lamps Site (aka PS 51X)

Site Address: 3200 Jerome Avenue Zip Code: 10468
City/Town: Bronx
County: Bronx
Site Acreage: 0.264

Reporting Period: March 23, 2024 to March 23, 2025

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

	Box 2A	
	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C203061 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
3323-36	The Rinzler Family Limited Partnership	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

(1) The Controlled Property may be used for: Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP.

(4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(6) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.

(8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.

(9) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

(10) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Bronx County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
3323-36	Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction

The engineering controls at the site are the site cover system, the sub-slab depressurization system and the soil vapor extraction system. These are described in the Final Engineering Report and the Site Management Plan. Operation, maintenance and monitoring of the engineering controls is described in the Site Management Plan.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C203061

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Bradley Rinzler (print name) at 200 Madison avenue, 24th Fl, New York, NY 10016 (print business address),

am certifying as Rinzler Family Limited Partnership (owner/volunteer) (Owner or Remedial Party)

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

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/18/25
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Michelle Lapin (print name) at 440 Park Avenue South, 7th Floor, New York, NY 10016 (print business address),

am certifying as a Professional Engineer for the Rinzler Family Limited Partnership (owner/volunteer) (Owner or Remedial Party)





4/18/2025

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

Stamp (Required for PE)

Date