Former Nessen Lamps Site

3200 Jerome Avenue

BRONX, NEW YORK

Periodic Review Report

NYSDEC Brownfield Cleanup Program Site Number: C203061

AKRF Project Number: 11455

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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 has 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 November 2023 and February 2024 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, 2023 through March 23, 2024. 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 2023-2024 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 and decreasing for vapor collected from the SSD/SVES. Vapor data in combination with stable and reducing groundwater data indicate that a plan for discontinuing operation of the SVE component of the system, while adjusting the system blower to continue the SSD component of the system, should 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 would be submitted to NYSDEC and NYSDOH to outline and propose steps to discontinue operation of the SVES component of the system.

Groundwater Treatment and Monitoring

Groundwater elevations during this reporting period were observed to be slightly higher when compared to historical measurements during the prior reporting periods. 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 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, 2023 to March 23, 2024 reporting period included:

- Two semi-annual groundwater gauging events in November 2023 and February 2024 from groundwater monitoring wells NL-MW-3, NL-MW-1E, and NL-MW-2E;
- One semi-annual groundwater sampling event in November 2023 from source monitoring well NL-MW-3 for VOCs;
- One annual groundwater sampling event in February 2024 from source monitoring well NL-MW-3, and sentinel wells NL-MW-1E, and NL-MW-2E for VOCs;
- Two semi-annual inspections in November 2023 and February 2024, including the operation and maintenance of the SSD/SVES;
- One round of annual system vapor sampling in February 2024 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 2024.

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.
COC – Certificate of Completion issued by NYSDEC
VOCs – Volatile Organic Compounds
PID – Photoionization Detector

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:

- The removal of geochemical parameters analyses during the semi-annual sampling for monitoring well MW-3.
- The 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.
- The reduction of SSD/SVES operations inspections from quarterly to semi-annually.
- The 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.
- The removal of system vapor sampling from six of the SSDS legs (SSDS-1 through SSDS-6).
- The 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 and shown in relation to the existing injection well network on Figure 5. 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. 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 November 2023 and February 2024 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 elevations were observed to be slightly elevated compared to historical measurements during Q1 through Q4 of this reporting period.

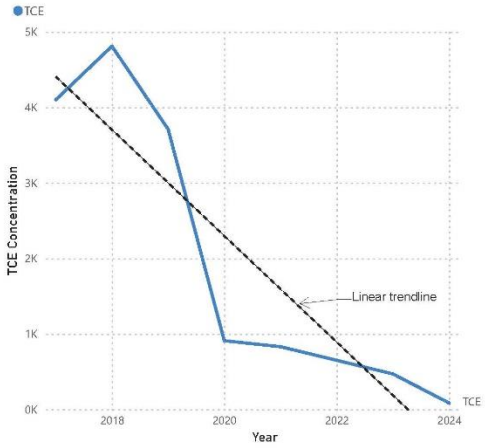
The inferred west-southwesterly groundwater flow direction, based upon groundwater measurements, has remained consistent within the overburden aquifer beneath the Site building, as identified during previous monitoring events and shown on Figures 4A and 4B. A table compiling the groundwater quality parameters 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 continues to reduce in the vicinity of monitoring well MW-3, which resulted in minor decreases in the two sentinel overburden monitor wells MW-1E and MW-2E. As depicted in Chart C1, TCE concentrations in MW-3 from the January 2015 through February 2024 (29 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 2023-2024 reporting period, the concentrations of TCE and total VOCs detected in source well MW-3 were observed to continue to decrease as an overall downward trend. As displayed in Appendix E, groundwater elevations were recorded (from the two semi-annual measurements) and were slightly higher 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 2024 in comparison to the first semi-annual event in November 2023. 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, 2023 to March 23, 2024). 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 documented 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 quarterly basis during operation of the SSD/SVES on the following dates: November 7, 2023 and February 20, 2024. 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	11-07-2023	02-20-2024
	In. H_2O	In. H_2O
MP-1	-1.218	-7.764
MP-2	-0.198	-0.111
MP-3	-0.034	-0.030
MP-4	-0.047	-0.016

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 2024 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 2024 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. 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 lower during the annual system vapor sampling event in February 2024 compared to the previous system vapor sampling event in February 2023. A decrease in outdoor ambient temperature and slight increase in barometric pressure were noted during the February 2024 annual SSD/SVES sampling event in comparison to the November 2023 semi-annual SSD/SVES inspection event. Overburden groundwater elevations in the vicinity of the source area were slightly lower between the February 2024 annual SSD/SVES sampling event in comparison to the November 2023 semi-annual SSD/SVES inspection event. The system vapor sampling methods performed during the February 2024 system vapor sampling were consistent with the SMP, QAPP, and previous system vapor sampling events.

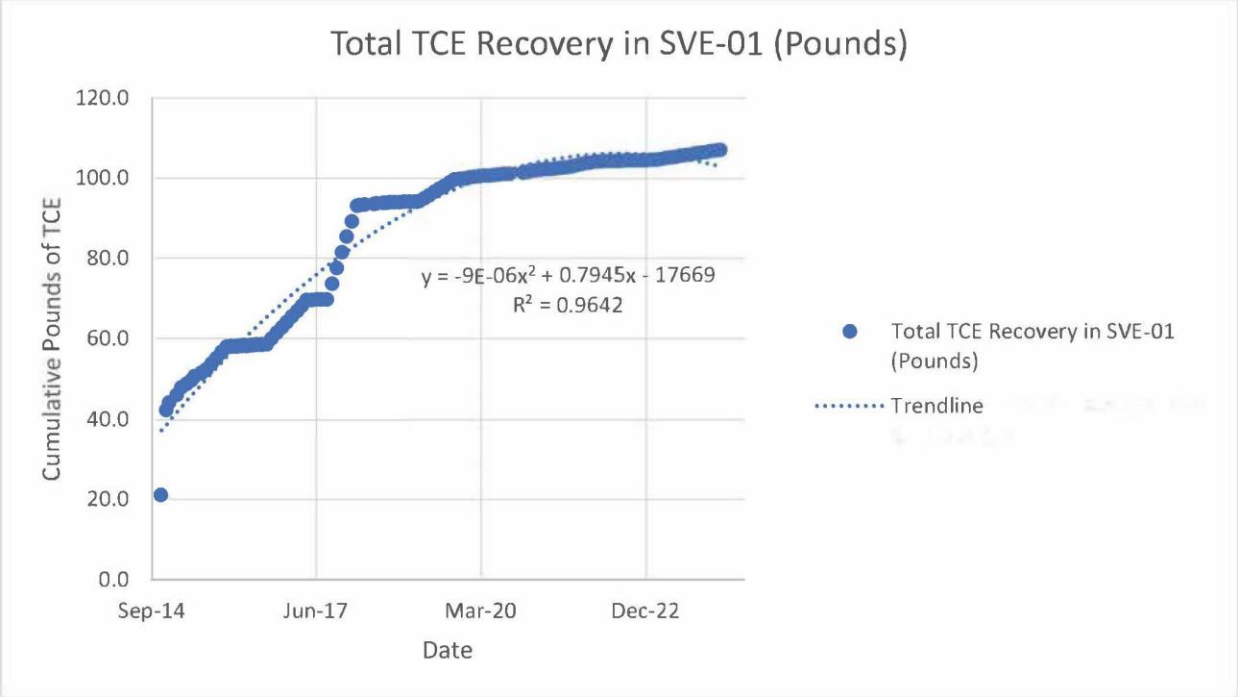
Atmospheric pressure during both testing events from this reporting period were consistent in comparison to prior years of testing. The active SSD/SVES continued to operate throughout the reporting period (24 hours a day, 7 days a week) under what appear to be stabilizing conditions. System vapor trends 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 2024, approximately 2.6 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 110 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 below:

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



3.3 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.

3.4 Site Wide Inspection

AKRF inspected the site cover system on February 20, 2024, 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 20, 2024, 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 G.

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 is outlined in Table T4. These monitoring and inspection events will be completed in accordance with the updated SMP, which will be submitted for review and approval by NYSDEC and NYSDOH under separate cover.

Monitoring Program	Next Event	Frequency*	Location	Matrix	Measurement Or Analysis**
Site Cover System	Q4 2024-2025	Annually	First floor and basement	Cover System Integrity	Visual Inspection of Conditions
Groundwater Gauging	Q2 2024-2025	Semi-Annually	MW-1E MW-2E MW-3	Groundwater	Water Level (Position Head)
Groundwater Monitoring and Sampling	Q2 2024-2025	Semi-Annually	MW-3	Groundwater	VOCs by EPA Method 8260
	Q4 2024-2025	Annually	MW-1E MW-2E	Groundwater	VOCs by EPA Method 8260
SSD/SVES Operation Inspections	Q2 2024-2025	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 2024-2025	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 Future Monitoring/Inspection Plan

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 H.

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

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)**					

		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 26(2/20/2024)**					

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_20240220	NL-MW-2E_20240220	NL-MW-3_20231107	NL-MW-DUP_20231107	NL-MW-3_20240220	NL-MW-DUP_20240220
Laboratory Sample ID		460-298659-1	460-298659-2	460-292076-1	460-292076-2	460-298659-3	460-298659-4
Date Sampled		2/20/2024	2/20/2024	11/07/2023	11/07/2023	2/20/2024	2/20/2024
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	0.37 U	0.37 U	0.37 U	0.37 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	0.31 U	0.31 U
1,1,2-Trichloroethane	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloropropane	1	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	3	NR	NR	0.34 U	0.34 U	NR	NR
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**	0.2 U	0.29 J	**6.7**	**6.5**	**6**	**6.1**
Bromodichloromethane	50	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 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 UJ	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	0.75 J	0.33 U	0.61 J	0.68 J	1	1
Chloromethane	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	5	0.22 U	0.26 J	2.1	2.4	2.4	2.4
Cis-1,3-Dichloropropene	NS	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Cyclohexane	NS	0.32 U	0.32 U	25	26	30 J	32 J
Dibromochloromethane	50	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Dichlorodifluoromethane	5	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	5	0.3 U	0.3 U	1.5	1.5	2.3	2.4
Isopropylbenzene (Cumene)	**5**	0.34 U	0.34 U	**14**	**15**	**14**	**15**
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	7.6	8.7	13	15
Methylene Chloride	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	10	0.22 U	0.22 U	0.81 J	0.89 J	0.85 J	0.81 J
Tetrachloroethylene (PCE)	5	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 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	1.9	0.98 J	0.91 J	0.71 J	0.77 J
Trans-1,3-Dichloropropene	NS	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Trichloroethylene (TCE)	**5**	**7.4**	**5.9**	**60**	**70**	**85**	**92**
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	0.51 J	0.19 J	0.18 J	0.17 U	0.17 J
Xylenes, Total	NS	0.65 U	0.65 U	0.65 U	0.65 U	0.7 J	0.75 J

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_20231107	NL-MW-FB-01_20240220	NL-TB-01_20231107	NL-MW-TB-01_20240220
Laboratory Sample ID		460-292076-3	460-298659-6	460-292076-4	460-298659-5
Date Sampled		11/07/2023	2/20/2024	11/07/2023	2/20/2024
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	0.37 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	0.2 U	0.2 U	0.2 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	0.5 U	0.5 U	0.5 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	0.43 U	0.43 U	0.43 U
1,2-Dichloropropane	1	0.35 U	0.35 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**	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane	50	0.34 U	0.34 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 UJ	0.82 U	0.82 UJ	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	0.4 U	0.75 J	0.4 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	0.22 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	0.28 U	0.28 U	0.28 U
Dichlorodifluoromethane	5	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	5	0.3 U	0.3 U	0.3 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	0.42 U	0.42 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	10	0.22 U	0.22 U	0.22 U	0.22 U
Tetrachloroethylene (PCE)	5	0.25 U	0.25 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	0.22 U	0.22 U	0.22 U
Trichloroethylene (TCE)	**5**	0.31 U	0.31 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_20240220	NL-IV-7_20240220	NL-IV-DUP_20240220	NL-IV-TOTAL_20240220	NL-EV-POST_20240220
						Laboratory Sample ID	L2409115-02	L2409115-03	L2409115-05	L2409115-01	L2409115-04
						Date Sampled	2/20/2024	2/20/2024	2/20/2024	2/20/2024	2/20/2024
						Unit	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
						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		2.16 U	2.21 U	2.21 U	2.23 U	2.14 U
1,1,2,2-Tetrachloroethane	NS	0.4	NS	16	NS		2.71 U	2.78 U	2.78 U	2.8 U	2.7 U
1,1,2-Trichloroethane	1.5	0.4	NS	1.4	NS		2.16 U	2.21 U	2.21 U	2.23 U	2.14 U
1,1-Dichloroethane	0.7	0.4	NS	0.63	NS		1.6 U	1.64 U	1.64 U	1.65 U	1.59 U
1,1-Dichloroethene	1.4	0.4	NS	200	NS		1.57 U	1.61 U	1.61 U	1.62 U	1.56 U
1,2,4-Trichlorobenzene	6.8	0.5	NS	NS	3,700		2.93 U	3.01 U	3.01 U	3.03 U	2.92 U
1,2,4-Trimethylbenzene	9.5	9.8	NS	6	NS		1.94 U	1.99 U	1.99 U	2.01 U	1.93 U
1,2-Dibromoethane	1.5	0.4	NS	0.0017	NS		3.04 U	3.11 U	3.11 U	3.14 U	3.02 U
1,2-Dichlorobenzene	1.2	0.5	NS	200	30,000		2.37 U	2.43 U	2.43 U	2.45 U	2.36 U
1,2-Dichloroethane	0.9	0.4	NS	0.038	NS		1.6 U	1.64 U	1.64 U	1.65 U	1.59 U
1,2-Dichloropropane	1.6	0.4	NS	4	NS		1.83 U	1.87 U	1.87 U	1.89 U	1.82 U
1,3,5-Trimethylbenzene	3.7	3.9	NS	6	NS		1.94 U	1.99 U	1.99 U	2.01 U	1.93 U
1,3-Butadiene	3	NS	NS	0.033	NS		0.874 U	0.896 U	0.896 U	0.903 U	0.869 U
1,3-Dichlorobenzene	2.4	0.5	NS	10	NS		2.37 U	2.43 U	2.43 U	2.45 U	2.36 U
1,4-Dichlorobenzene	5.5	1.2	NS	0.09	NS		2.37 U	2.43 U	2.43 U	2.45 U	2.36 U
1,4-Dioxane	NS	NS	NS	0.2	3,000		1.42 U	1.46 U	1.46 U	1.47 U	1.42 U
2,2,4-Trimethylpentane	NS	5	NS	3,300	NS		1.97	2.37	1.89 U	1.96	1.84 U
2-Butanone	12	16	NS	5,000	13,000		2.91 U	2.98 U	2.98 U	3.01 U	2.9 U
2-Hexanone	NS	NS	NS	30	4,000		1.62 U	1.66 U	1.66 U	1.67 U	1.61 U
3-Chloropropene	NS	NS	NS	1	600		1.24 U	1.27 U	1.27 U	1.28 U	1.23 U
4-Ethyltoluene	3.6	NS	NS	NS	NS		1.94 U	1.99 U	1.99 U	2.01 U	1.93 U
4-Methyl-2-pentanone	6	1.9	NS	3,000	31,000		4.04 U	4.14 U	4.14 U	4.18 U	4.03 U
Acetone	98.9	115	NS	30,000	180,000		15.7	41.3 J	25.9 J	20.8	29.5
Benzene	9.4	13	NS	0.13	1,300		2.4	7.19	6.45	4.95	4.34
Benzyl chloride	6.8	NS	NS	0.02	240		2.05 U	2.1 U	2.1 U	2.11 U	2.03 U
Bromodichloromethane	NS	NS	NS	70	NS		2.65 U	2.71 U	2.71 U	2.73 U	2.63 U
Bromoform	NS	NS	NS	0.91	NS		4.08 U	4.19 U	4.19 U	4.22 U	4.06 U
Bromomethane	1.7	0.5	NS	NS	3,900		1.53 U	1.57 U	1.57 U	1.58 U	1.53 U
Carbon disulfide	4.2	NS	NS	700	6,200		1.59	1.26 U	1.26 U	1.27 U	1.22 U
Carbon tetrachloride	1.3	1.3	NS	0.067	1,900		2.48 U	2.55 U	2.55 U	2.57 U	2.47 U
Chlorobenzene	0.9	0.4	NS	60	NS		1.82 U	1.87 U	1.87 U	1.88 U	1.81 U
Chloroethane	1.1	0.4	NS	NS	NS		1.04 U	1.07 U	1.07 U	1.08 U	1.04 U
Chloroform	1.1	1.2	NS	14.7	150		28.5	1.98 U	1.98 U	4.93	1.92 U
Chloromethane	3.7	4.2	NS	90	22,000		0.816 U	0.836 U	0.836 U	0.843 U	0.849
cis-1,2-Dichloroethene	1.9	0.4	NS	63	NS		16.3	1.61 U	1.61 U	1.62 U	1.56 U
cis-1,3-Dichloropropene	2.3	0.4	NS	0.25	NS		1.79 U	1.84 U	1.84 U	1.85 U	1.78 U
Cyclohexane	NS	6.3	NS	6,000	NS		2.08	1.41	1.39 U	1.4 U	1.35 U
Dibromochloromethane	NS	NS	NS	NS	NS		3.37 U	3.45 U	3.45 U	3.48 U	3.35 U
Dichlorodifluoromethane	16.5	10	NS	12,000	NS		2.58	2.4	2.72	3.85	3.58
Ethanol	210	1,300	NS	45,000	NS		220	448 J	268 J	202	163
Ethyl Acetate	5.4	NS	NS	3,400	NS		3.55 U	3.64 U	3.64 U	3.68 U	3.55 U
Ethylbenzene	5.7	6.4	NS	1,000	NS		1.72 U	1.76 U	1.76 U	1.77 U	1.71 U
Freon-113	3.5	2.5	NS	180,000	960,000		3.03 U	3.1 U	3.1 U	3.13 U	3.01 U
Freon-114	6.8	0.4	NS	17,000	NS		2.76 U	2.83 U	2.83 U	3.75	2.75 U
Heptane	NS	18	NS	3,900	210,000		1.62 U	2.66	2.39	2.07	1.81
Hexachlorobutadiene	6.8	0.5	NS	0.045	NS		4.21 U	4.32 U	4.32 U	4.35 U	4.19 U
Isopropanol	250	NS	NS	7,000	98,000		60.5	236	227	141	120
Methyl tert butyl ether	11.5	14	NS	3.8	NS		1.42 U	1.46 U	1.46 U	1.47 U	1.42 U
Methylene chloride	10	16	60	60	14,000		3.79	3.51 U	3.51 U	3.54 U	3.42 U
n-Hexane	10.2	14	NS	700	NS		1.39 U	4.51	3.37	3.7	3.98
o-Xylene	7.9	7.1	NS	100	22,000		1.72	1.76 U	1.76 U	1.77 U	1.71 U
p/m-Xylene	22.2	11	NS	100	22,000		3.87	4.34	4.11	4.17	3.45
Styrene	1.9	1.4	NS	1,000	1,700		1.68 U	1.72 U	1.72 U	1.74 U	1.67 U
Tertiary butyl Alcohol	NS	NS	NS	720	NS		2.99 U	3.06 U	3.06 U	3.09 U	2.98 U
Tetrachloroethene	15.9	2.5	30	4	300		3.22	2.75 U	2.75 U	2.77 U	2.67 U
Tetrahydrofuran	NS	0.8	NS	350	30,000		2.91 U	2.98 U	2.98 U	3.01 U	2.9 U
Toluene	43	57	NS	5,000	37,000		3.71	6.1	5.62	4.94	4.15
trans-1,2-Dichloroethene	NS	NS	NS	63	NS		1.57 U	1.61 U	1.61 U	1.62 U	1.56 U
trans-1,3-Dichloropropene	1.3	NC	NS	0.25	NS		1.79 U	1.84 U	1.84 U	1.85 U	1.78 U
Trichloroethene	4.2	0.5	2	0.2	14,000		742	3.46	2.18 U	183	65.6
Trichlorofluoromethane	18.1	12	NS	5,000	9,000		2.22 U	2.28 U	2.28 U	2.29 U	2.21 U
Vinyl bromide	NS	NS	NS	3	NS		1.73 U	1.77 U	1.77 U	1.78 U	1.72 U
Vinyl chloride	1.9	0.4	NS	0.068	180,000		1.01 U	1.04 U	1.04 U	1.04 U	1 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			2/20/2024					1									1		
Analyte	SGC ($\mu g/m^3$)	AGC ($\mu g/m^3$)	NL-EV-POST_20240220		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	2.14	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	NA	16.0	2.7	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	NA	1.4	2.14	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	NA	0.630	1.59	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	NA	200.0	1.56	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	3,700.0	NA	2.92	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	NA	6.0	1.93	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dibromoethane	NA	0.002	3.02	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	30,000.0	200.0	2.36	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	NA	0.038	1.59	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	NA	4.0	1.82	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	NA	6.0	1.93	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Butadiene	NA	0.033	0.869	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	NA	10.0	2.36	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	NA	0.090	2.36	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dioxane	3,000.0	0.200	1.42	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2,4-Trimethylpentane	NA	3,300.0	1.84	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone	13,000.0	5,000.0	2.9	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	4,000.0	30.0	1.61	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-Chloropropene	600.0	1.0	1.23	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Ethyltoluene	NA	NA	1.93	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone	31,000.0	3,000.0	4.03	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	180,000.0	30,000.0	29.5		**No**	**0.02%**	**No**	4.26E-05	3.73E-01	8.58E-04	8.49E-05	6.44E-04	6.37E-05	6.44E-04	**No**	**0.00%**	4.14E-03	**No**	**0.00%**
Benzene	1,300.0	0.130	4.34		**No**	**0.33%**	**Yes**	6.27E-06	5.49E-02	1.26E-04	1.25E-05	9.47E-05	9.37E-06	9.47E-05	**No**	**0.07%**	6.09E-04	**No**	**0.00%**
Benzyl chloride	240.0	0.020	2.03	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	NA	70.0	2.63	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	NA	0.910	4.06	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	3,900.0	5.0	1.53	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	6,200.0	700.0	1.22	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	1,900.0	0.170	2.47	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	NA	60.0	1.81	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	NA	10,000.0	1.04	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	150.0	14.7	1.92	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	22,000.0	90.0	0.849		**No**	**0.00%**	**No**	1.23E-06	1.07E-02	2.47E-05	2.44E-06	1.85E-05	1.83E-06	1.85E-05	**No**	**0.00%**	1.19E-04	**No**	**0.00%**
cis-1,2-Dichloroethene	NA	63.0	1.56	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,3-Dichloropropene	NA	0.250	1.78	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	NA	6,000.0	1.35	U	**NA**	**NA**	**No**	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	NA	NA	3.35	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	163		**No**	**NA**	**No**	2.36E-04	2.06E+00	4.74E-03	4.69E-04	3.56E-03	3.52E-04	3.56E-03	**No**	**0.00%**	2.29E-02	**No**	**0.00%**
Ethyl Acetate	NA	3,400.0	3.55	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	NA	1,000.0	1.71	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Freon-113	960,000	180,000	3.01	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Freon-114	NA	17,000.0	2.75	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Heptane	210,000.0	3,900.0	1.81		**Yes**	**0.00%**	**Yes**	2.62E-06	2.29E-02	5.27E-05	5.21E-06	3.95E-05	3.91E-06	3.95E-05	**No**	**0.00%**	2.54E-04	**No**	**0.00%**
Hexachlorobutadiene	NA	0.045	4.19	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropanol	98,000.0	7,000.0	120		**No**	**0.12%**	**No**	1.73E-04	1.52E+00	3.49E-03	3.45E-04	2.62E-03	2.59E-04	2.62E-03	**No**	**0.00%**	1.68E-02	**No**	**0.00%**
Methyl tert butyl ether	NA	3.8	1.42	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	14,000.0	60.0	3.42	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Hexane	NA	700.0	3.98		**Yes**	---	**No**	5.75E-06	5.04E-02	1.16E-04	1.15E-05	8.69E-05	8.59E-06	8.69E-05	**No**	**0.00%**	5.59E-04	**No**	**0.00%**
o-Xylene	22,000.0	100.0	1.71	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p/m-Xylene	22,000.0	100.0	3.45		**Yes**	**0.02%**	**Yes**	4.99E-06	4.37E-02	1.00E-04	9.93E-06	7.53E-05	7.45E-06	7.53E-05	**No**	**0.00%**	4.84E-04	**No**	**0.00%**
Styrene	17,000.0	1,000.0	1.67	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tertiary butyl Alcohol	NA	720.0	2.98	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	300.0	4.0	2.67	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	30,000.0	350.0	2.9	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	37,000.0	5,000.0	4.15		**No**	**0.01%**	**No**	6.00E-06	5.25E-02	1.21E-04	1.19E-05	9.06E-05	8.96E-06	9.06E-05	**No**	**0.00%**	5.82E-04	**No**	**0.00%**
trans-1,2-Dichloroethene	NA	63.0	1.56	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-Dichloropropene	NA	0.250	1.78	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	14,000.0	0.200	**65.6**		**No**	**0.47%**	**Yes**	9.48E-05	8.30E-01	1.91E-03	1.89E-04	1.43E-03	1.42E-04	1.43E-03	**No**	**0.72%**	9.21E-03	**No**	**0.00%**
Trichlorofluoromethane	9,000.0	5,000.0	2.21	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl bromide	NA	3.0	1.72	U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	180,000.0	0.068	1	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.
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

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
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*	Actual TCE Concentration
Latest Estimated TCE Removal Rate (lbs/month)					0.19*	Sample collected in Feburary 2024 from the total influent sample port.
Estimated TCE Removed in 2023-2024 Reporting Period (Pounds)					2.56*	
Estimated TCE Removed Since Start Up (Pounds)					109.5**	

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.

µg/L : micrograms per Liter

mg/L : milligrams per Liter

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

STANDARDS

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.

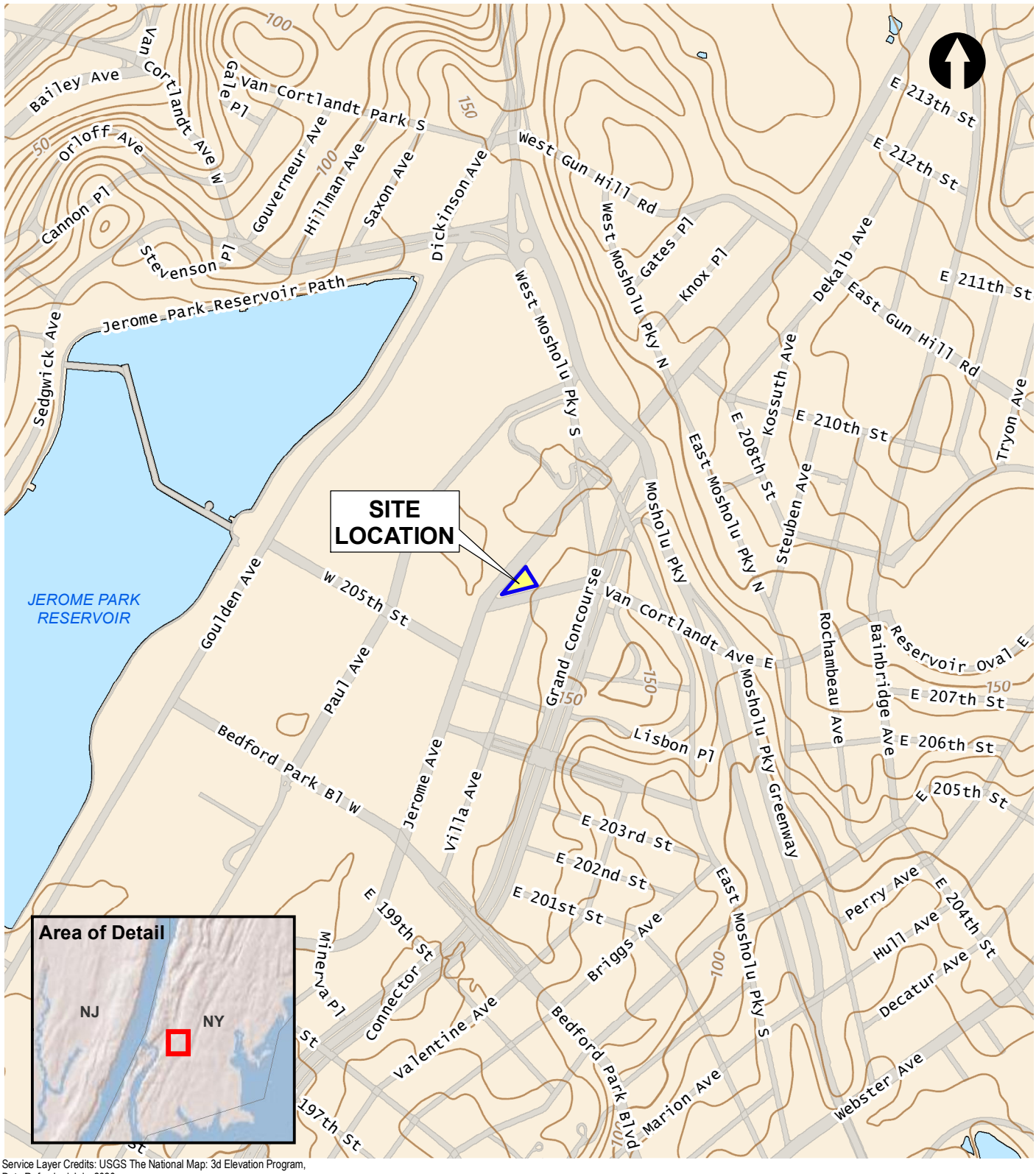
DAR-1 AGC/SGC : New York State Department of Environmental Conservation (NYSDEC) Division of Air Resources (DAR) Annual Guideline Concentrations (AGC) and Short-Term Guideline Concentrations (SGC) published in Air Guide-1 (DAR-1) Oct 18, 2010.

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_20240220 is a blind duplicate of sample NL-MW-3_20240220
NL-MW-DUP_20231107 is a blind duplicate of sample NL-MW-3_20231107
NL-IV-DUP_20240220 is a blind duplicate of sample NL-IV-7_20240220

FIGURES



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

0 800 1,600

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

SITE LOCATION

DATE
4/21/2024

PROJECT NO.
11455

FIGURE
1

©2023 AKRF Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\GIS\11455 Fig 1 Site Loc Map.mxd 4/21/2023 10:32:30 AM mvellieux

©2023 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2023\CAD\annual\11455 Fig 2 Site Plan & Surrounding Properties.dwg last save: mvelleux 4/21/2023 10:38 AM

3251

NYCTA RailroadYard - Under Concrete Parking Deck

401

Auto Repair

JEROME AVENUE (elevated subway MTA)

55

Filling Station

82

Garage

50

Auto Repair

45

3323

22

Residential/ Commercial

Residential

32

Project Site

36

WEST MOSHOLU PARKWAY SOUTH

100

3323

20006

3323

Residential/ Commercial

1

VAN CORTLANDT AVENUE EAST

Transformer Vaults

420

Residential

421

Residential

422

205th STREET

Railroad Yard

150

3251

29

23

Church

32

35

37

21

Residential/ Commercial

19

3322

18

17

41

42

43

15

44

45

46

86

47

Warehouse

11

VILLA AVENUE

44

Residential/ Commercial

43

42

40

63

65

66

38

68

37

36

3314

71

35

34

32

Residential

72

31

30

29

28

27

GRAND CONCOURSE

51

65

66

Residential

LEGEND

PROJECT SITE BOUNDARY

LOT LINES

3323 TAX BLOCK NUMBER

36 TAX LOT NUMBER

0 100 200

SCALE IN FEET

Source:
NYCDCP (NYC Dept. of City Planning) GIS database

AKRF

440 Park Avenue South, New York, NY 10016

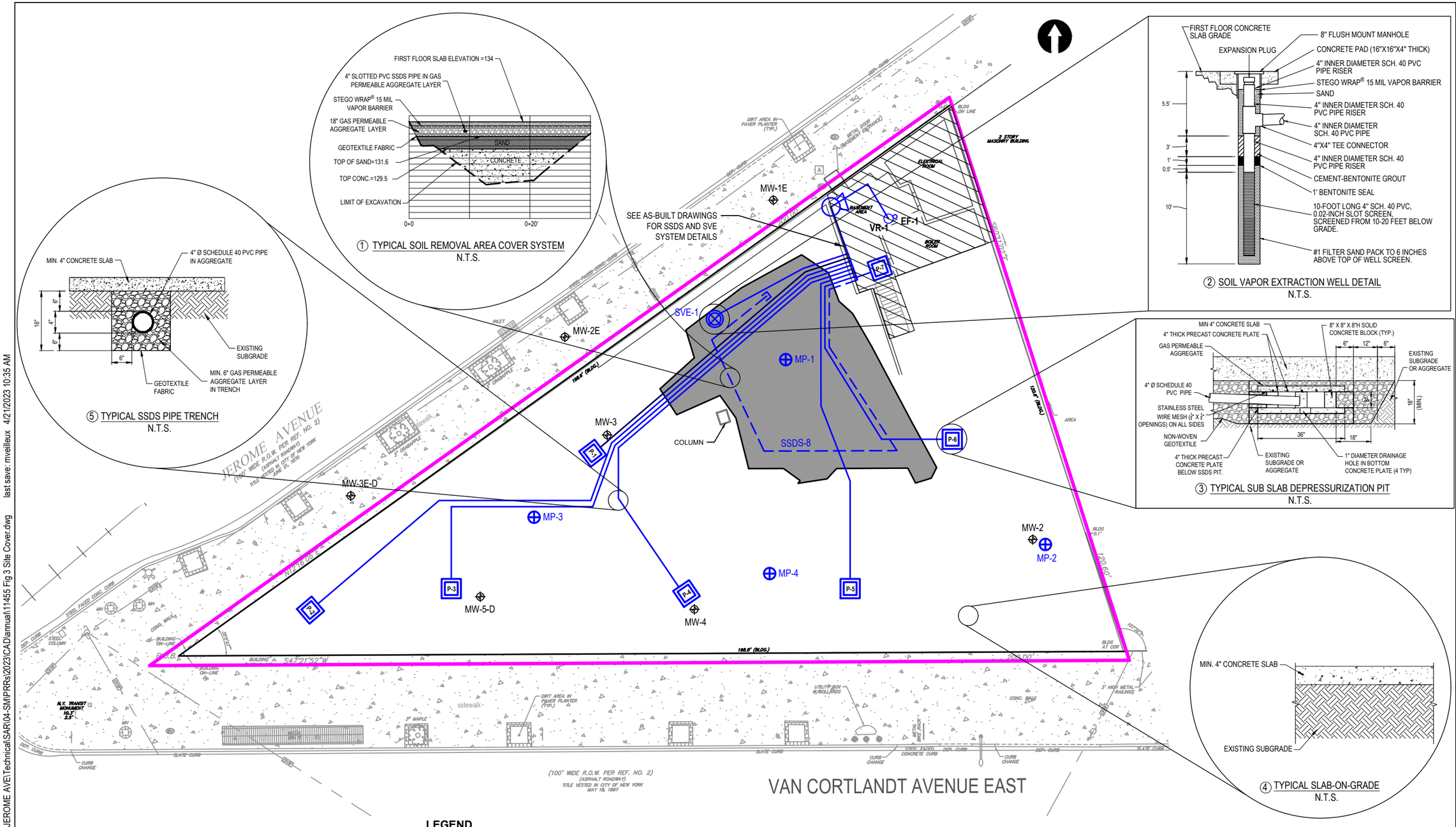
Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

SITE PLAN AND SURROUNDING PROPERTIES

DATE
4/21/2024

PROJECT NO.
11455

FIGURE
2



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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Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

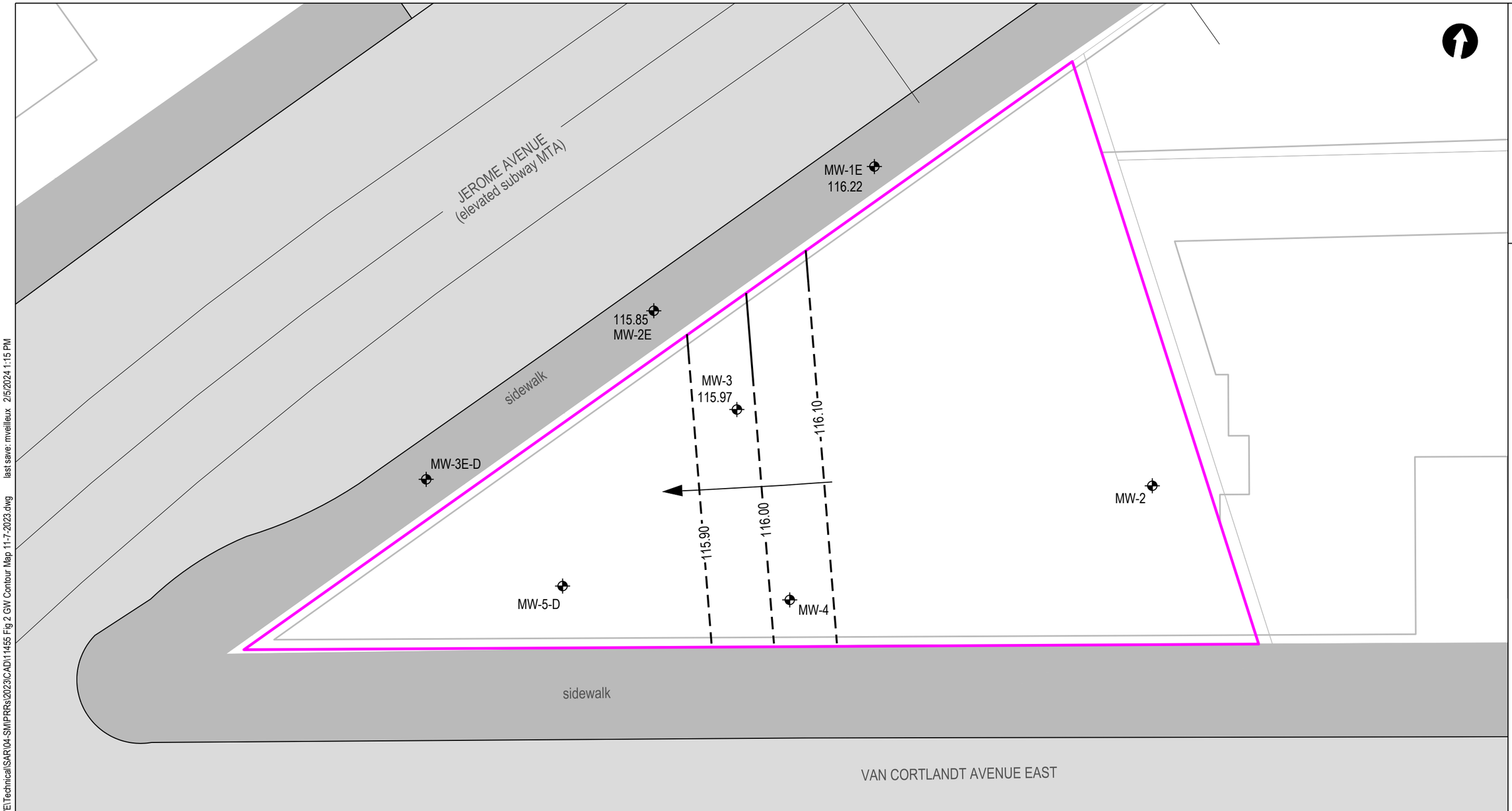
SITE COVER SYSTEM PLAN

DATE
4/21/2024

PROJECT NO.
11455

FIGURE
3

©2023 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2023\CAD\annual\11455 Fig 3 Site Cover.dwg last save: mveilleux 4/21/2023 10:35 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 116.22 — EXISTING MONITORING WELL LOCATION WITH WATER TABLE ELEVATION IN FEET
- 116.00 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

0 20 40
SCALE IN FEET

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Former Nessen Lamps Site
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Bronx, New York

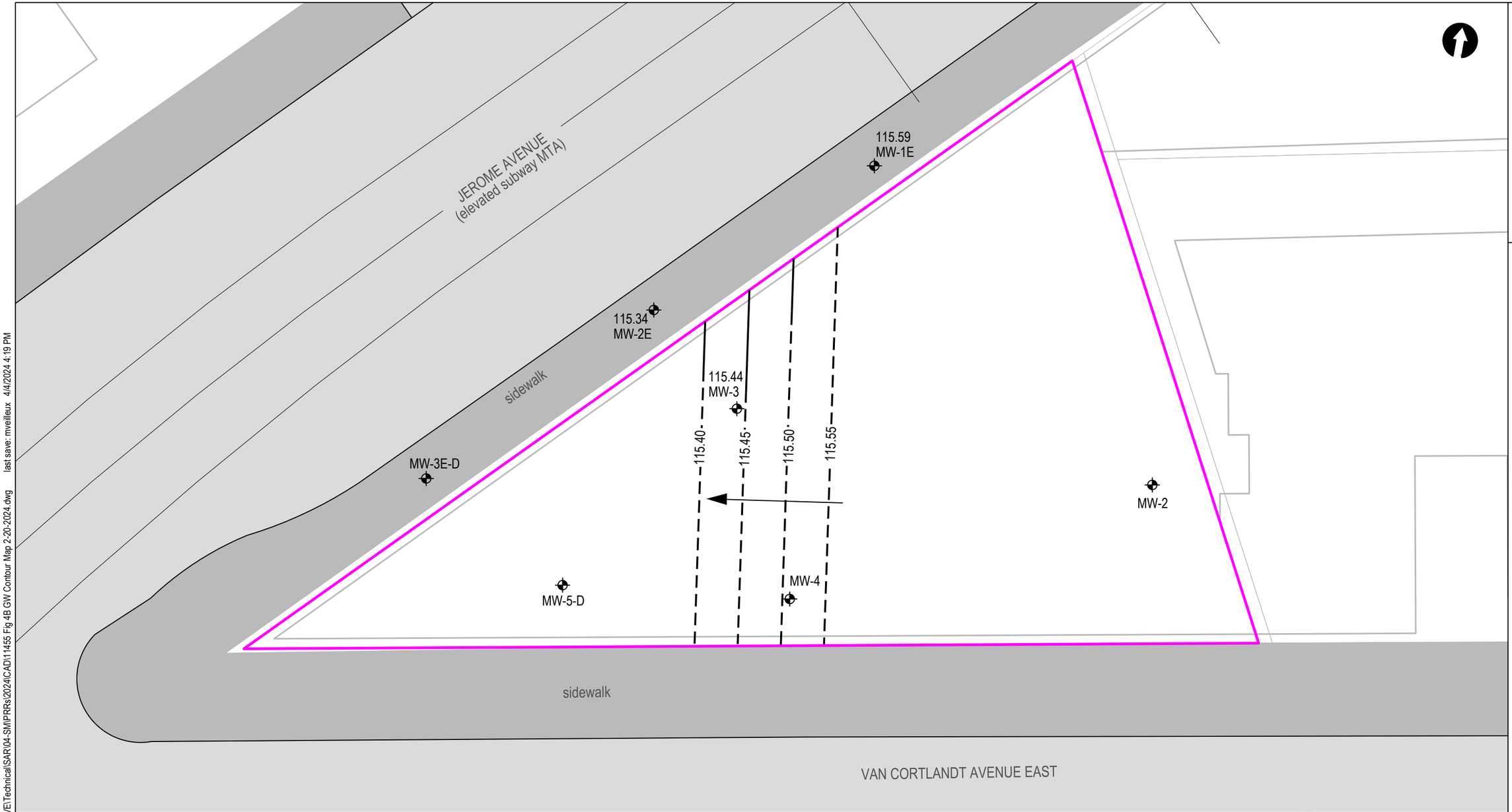
GROUNDWATER ELEVATION CONTOUR MAP - 11/07/2023

DATE
2/5/2024

PROJECT NO.
11455

FIGURE
4A

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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-3 115.44 — EXISTING MONITORING WELL LOCATION WITH WATER TABLE ELEVATION IN FEET
- 115.50 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

0 20 40
SCALE IN FEET

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Bronx, New York

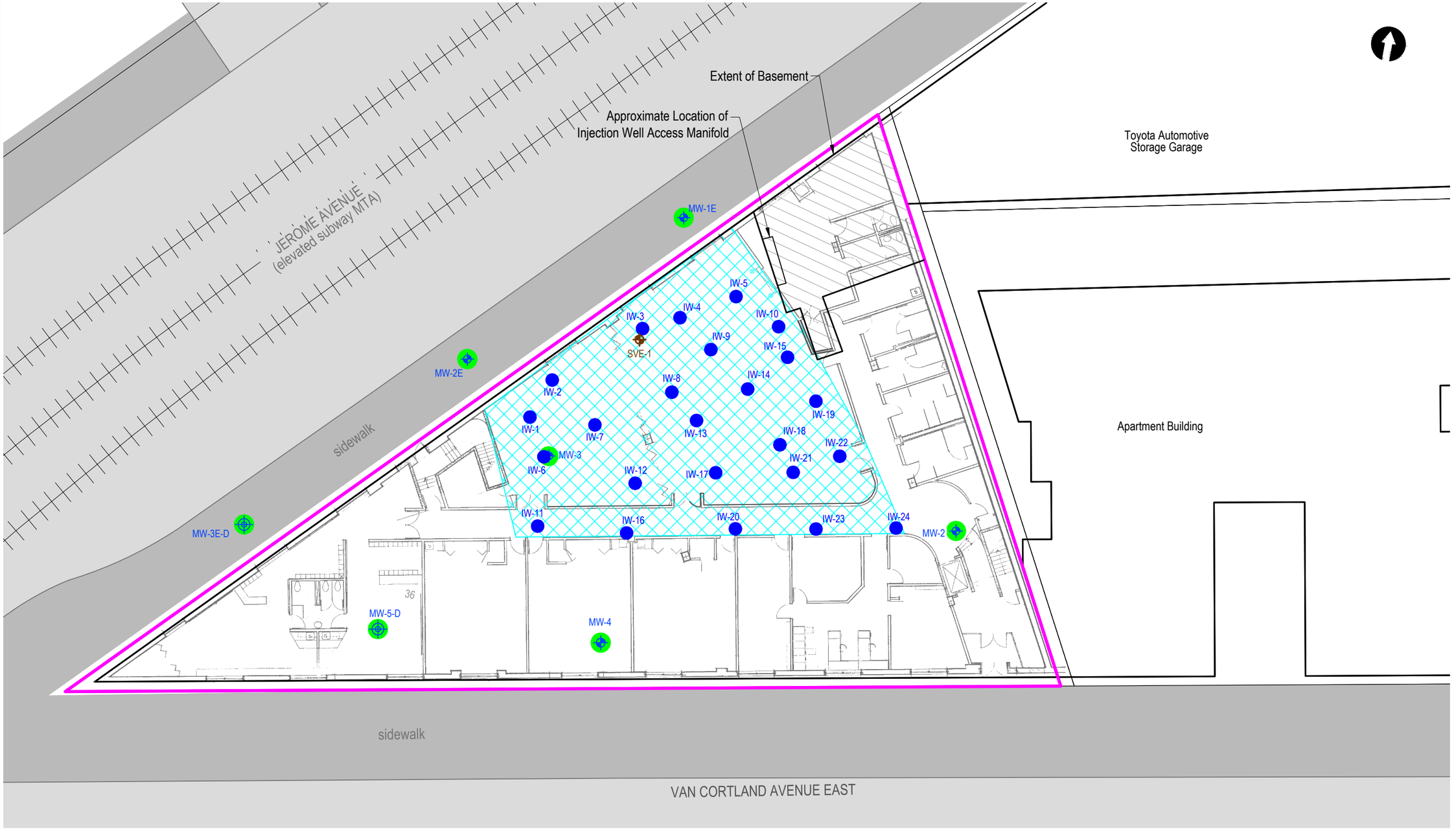
GROUNDWATER ELEVATION CONTOUR MAP - 02/20/2024

DATE
4/4/2024

PROJECT NO.
11455

FIGURE
4B

©2024 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2024\CAD\11455 Fig 4B GW Contour Map 2-20-2024.dwg last save: mveilleux 4/4/2024 4:19 PM



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

AKRF
440 Park Avenue South, New York, NY 10016

Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

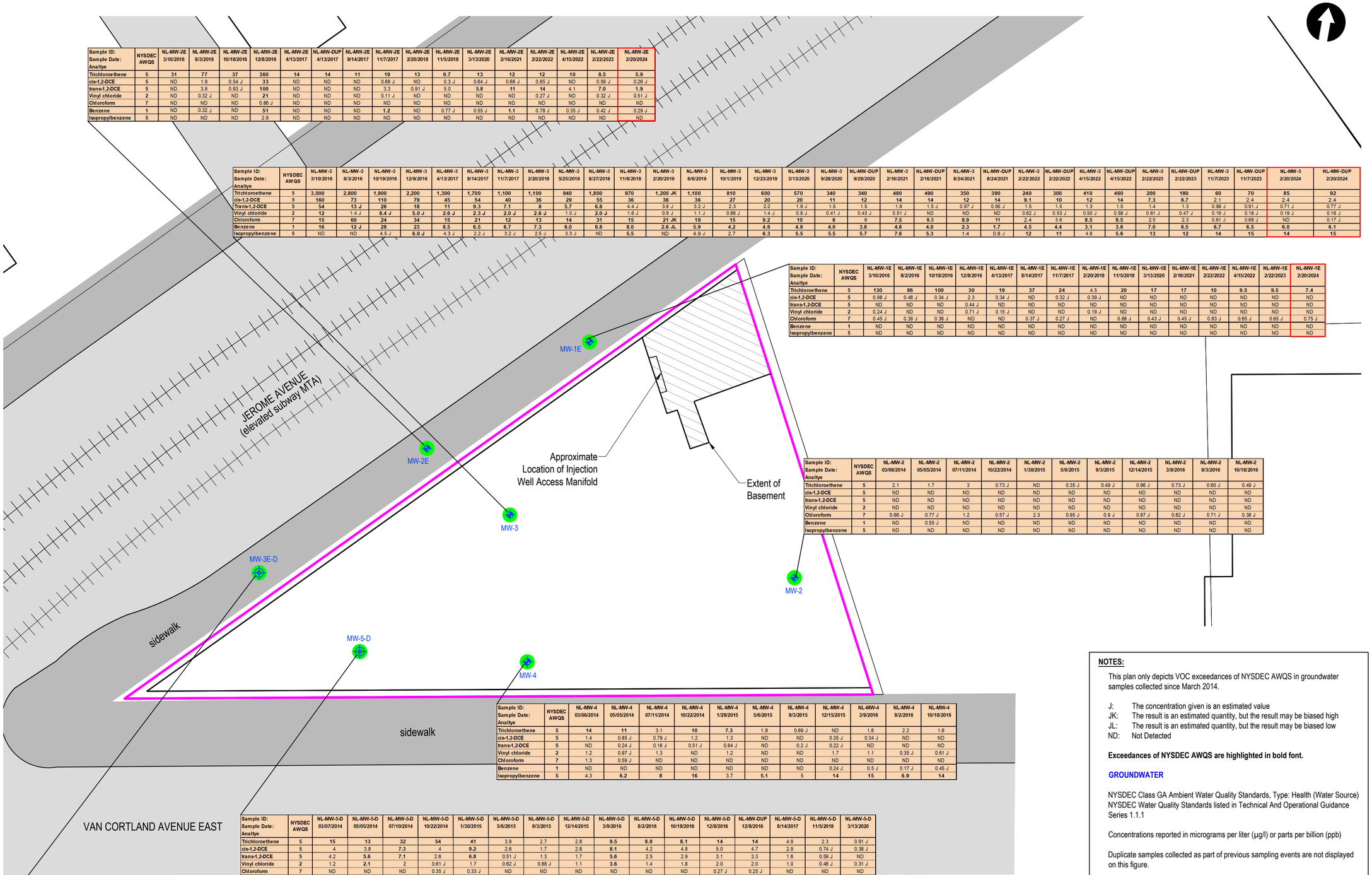
GROUNDWATER MONITORING WELL AND INJECTION POINT NETWORK

DATE
4/21/2024

PROJECT NO.
11455

FIGURE
5

©2021 AKRF, Inc. Environmental Consultants Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMI\PRRs\2023\CAD\annual\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
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	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
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	340	480	490	350	390	240	300	410	460	200	180	60	70	85	92
cis-1,2-DCE	5	160	73	110	79	45	54	40	36	29	55	36	36	27	20	20	11	12	14	14	14	12	14	9.1	10	12	14	7.3	6.7	2.1	2.4	2.4	2.4
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
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
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**	2.5	2.3	0.61 J	0.68 J	ND	0.17 J
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	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
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

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:

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).

LEGEND

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

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

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

POST-REMEDIATION GROUNDWATER QUALITY

DATE
4/4/2024

PROJECT NO.
11455

FIGURE
6

©2024 AKRF, Inc W:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMP\08MP\Quarterly Reports\2020\Q4\CAD\11455 Fig 4 GW Quality 02-2021.dwg last save: mvilleux 3/31/2021 2:57 PM

APPENDIX A

SEMI-ANNUAL GROUNDWATER AND ENGINEERING CONTROL REPORT

AKRF, Inc.
Environmental and Engineering Consultants
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March 5, 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**
2023-2024 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 May 2023. 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 November 2023. 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

Overburden monitoring wells MW-1E, MW-2E, and MW-3, were gauged to record water levels at the Site during the inspection performed in November 2023. 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 November 2023 are presented on Figure 2. Based upon the calculated groundwater elevations, the inferred groundwater flow remained westerly, which is consistent with the prior monitoring events performed at the Site.

1.2 November 2023 Remedial Performance Groundwater Sampling Methodology

The 27th round of remedial performance groundwater sampling under Site management was performed at the Site in November 2023 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 November 2023 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 November 2023 groundwater sampling event, the groundwater elevations calculated from the measured depth to water was higher in the overburden groundwater monitoring well in comparison to the previous gauging event in February 2023 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 November 2023 sampling event is included as Appendix A.

Groundwater analytical results generated during the 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 November 2023 groundwater sampling event are shown in Table T2, below:

Table T2
Semi-Annual Groundwater Quality

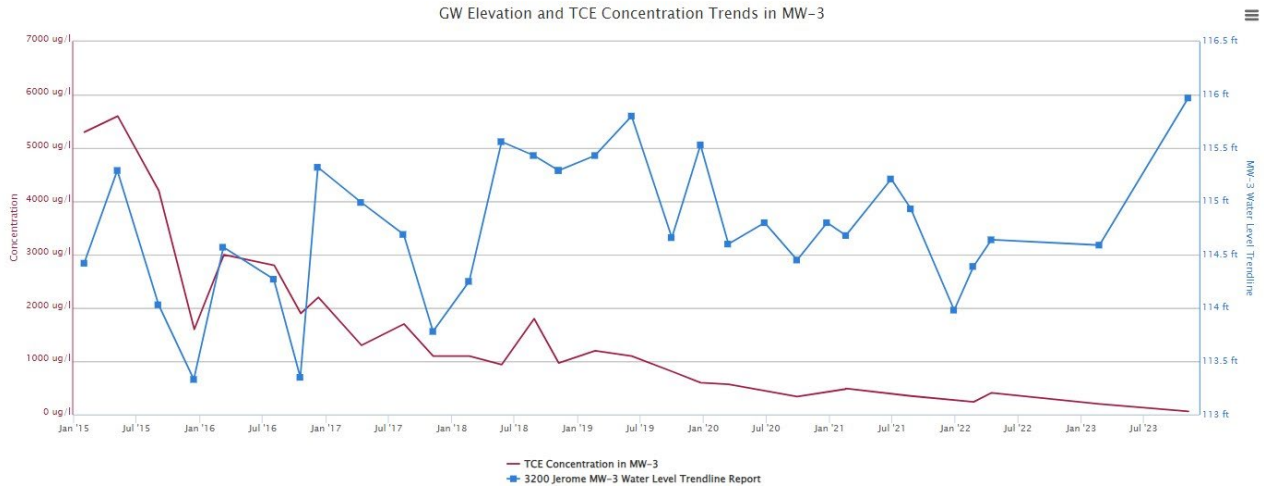
Sample ID -->	NL-MW-3	NL-MW-DUP	NYSDEC AWQS
Monitoring Well	MW-3	MW-3	
Analyte (µg/L)			
Trichloroethene	**60**	**70**	**5**
trans-1,2-DCE	0.98 J	0.91 J	**5**
Vinyl Chloride	0.19 J	0.18 J	**2**
Benzene	**6.7**	**6.5**	**1**
Isopropylbenzene	**14**	**15**	**5**
Exceedances of NYSDEC AWQS are highlighted 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 60 µg/L and 70 µg/L, respectively. The petroleum-related compound benzene was detected in MW-3 and NL-MW-DUP at concentrations of 6.7 µg/L and 6.5 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 14 µg/L and 15 µg/L, respectively, above the AWQS of 5 µg/L.

Analytical results for VOCs in groundwater samples collected in November 2023 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 November 2023 sampling results indicate that TCE concentrations in groundwater continue to decrease within the former source area. Chart C1 also displays that the groundwater elevation at NL-MW-2 in November 2023 was measured at an all-time high.

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 2023-2024 Reporting Period

A detailed inspection of operating engineering controls was performed during this reporting period on November 7, 2023. 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 November 2023:

- 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 November 2023 event included in Appendix D, instantaneous PID readings collected at the combined pre-blower and post-blower sample ports were both 0.0 ppm. These readings both decreased in comparison to the last inspection in February 2023, in which instantaneous PID readings at the combined pre-blower and post-blower sample ports were 3.9 parts per million (ppm) and 1.1 ppm, respectively. 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 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 1.8 ppm during the November 2023 inspection.

Table T3 – Monitoring Point (MP) Pressure Readings Summary

Monitoring Point	6-28-2021	8-24-2021	12-28-2021	02-22-2022	04-15-2022	02-22-2023	11-07-2023
	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O	In. H_2O
MP-1	-1.286	-1.229	-1.110	-1.022	-1.177	-0.96	-1.218
MP-2	-0.205	-0.183	-0.157	-0.111	-0.177	-0.130	-0.198
MP-3	-0.026	-0.023	-0.025	-0.020	-0.022	-0.016	-0.034
MP-4	-0.034	-0.049	-0.061	-0.028	-0.040	-0.030	-0.047

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 November 2023 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 November 2023 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 8 years and 27 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 November 2023 sampling event was the lowest result reported to date, demonstrating continued 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 2023. Results indicate contaminant concentrations in source area monitor well MW-3 are continuing to decrease. A slightly elevated groundwater table was noted during this sampling event. 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 2023-2024 reporting period) required round of monitoring and inspection will be completed at the Site in February 2024. The Periodic Review Report will be submitted concurrently with the next report, summarizing all activities performed during the 2023-2024 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, Marcela Sanchez, 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 11/07/2023
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) 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
MW-2	133.80	18.00	115.80	NM	NM	NM	NM
MW-3	133.97	19.33	114.64	19.38	114.59	18.00	115.97
MW-4	133.94	19.19	114.75	NM	NM	NM	NM
MW-5-D	134.21	19.66	114.55	NM	NM	NM	NM
MW-1E	135.89	21.01	114.88	21.1	114.79	19.67	116.22
MW-2E	136.18	21.64	114.54	21.75	114.43	20.33	115.85
MW-3E-D	135.73	21.17	114.56	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
Groundwater Analytical Results for Volatile Organic Compounds (VOCs)

AKRF Sample ID		NL-MW-3_20231107	NL-MW-DUP_20231107	NL-FB-01_20231107	NL-TB-01_20231107
Laboratory Sample ID		460-292076-1	460-292076-2	460-292076-3	460-292076-4
Date Sampled		11/07/2023	11/07/2023	11/07/2023	11/07/2023
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	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
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 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	0.2 U	0.2 U	0.2 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	0.5 U	0.5 U	0.5 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	0.43 U	0.43 U	0.43 U
1,2-Dichloropropane	1	0.35 U	0.35 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**	**6.7**	**6.5**	0.2 U	0.2 U
Bromodichloromethane	50	0.34 U	0.34 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 UJ	0.82 UJ	0.82 UJ	0.82 UJ
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	0.61 J	0.68 J	0.33 U	0.33 U
Chloromethane	5	0.4 U	0.4 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	5	2.1	2.4	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	0.22 U	0.22 U	0.22 U	0.22 U
Cyclohexane	NS	25	26	0.32 U	0.32 U
Dibromochloromethane	50	0.28 U	0.28 U	0.28 U	0.28 U
Dichlorodifluoromethane	5	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	5	1.5	1.5	0.3 U	0.3 U
Isopropylbenzene (Cumene)	**5**	**14**	**15**	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	7.6	8.7	0.71 U	0.71 U
Methylene Chloride	5	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	5	0.42 U	0.42 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	10	0.81 J	0.89 J	0.22 U	0.22 U
Tetrachloroethylene (PCE)	5	0.25 U	0.25 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	0.98 J	0.91 J	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	0.22 U	0.22 U	0.22 U	0.22 U
Trichloroethylene (TCE)	**5**	**60**	**70**	0.31 U	0.31 U
Trichlorofluoromethane	5	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl Chloride	2	0.19 J	0.18 J	0.17 U	0.17 U
Xylenes, Total	NS	0.65 U	0.65 U	0.65 U	0.65 U

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

DEFINITIONS

J : The concentration given is an estimated value.

NS : No cleanup objective listed.

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).

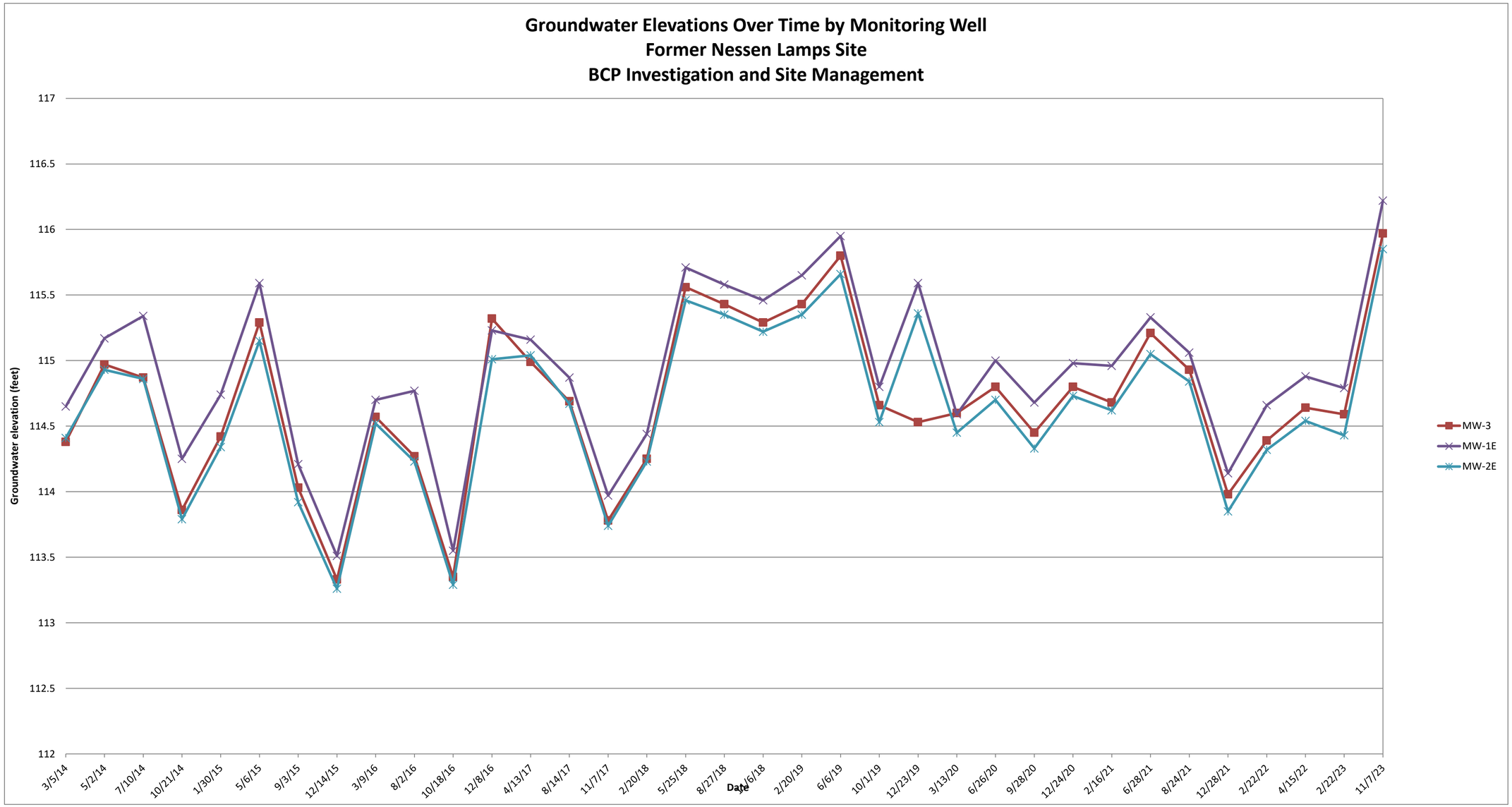
Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font and gray shading.

DUPLICATES

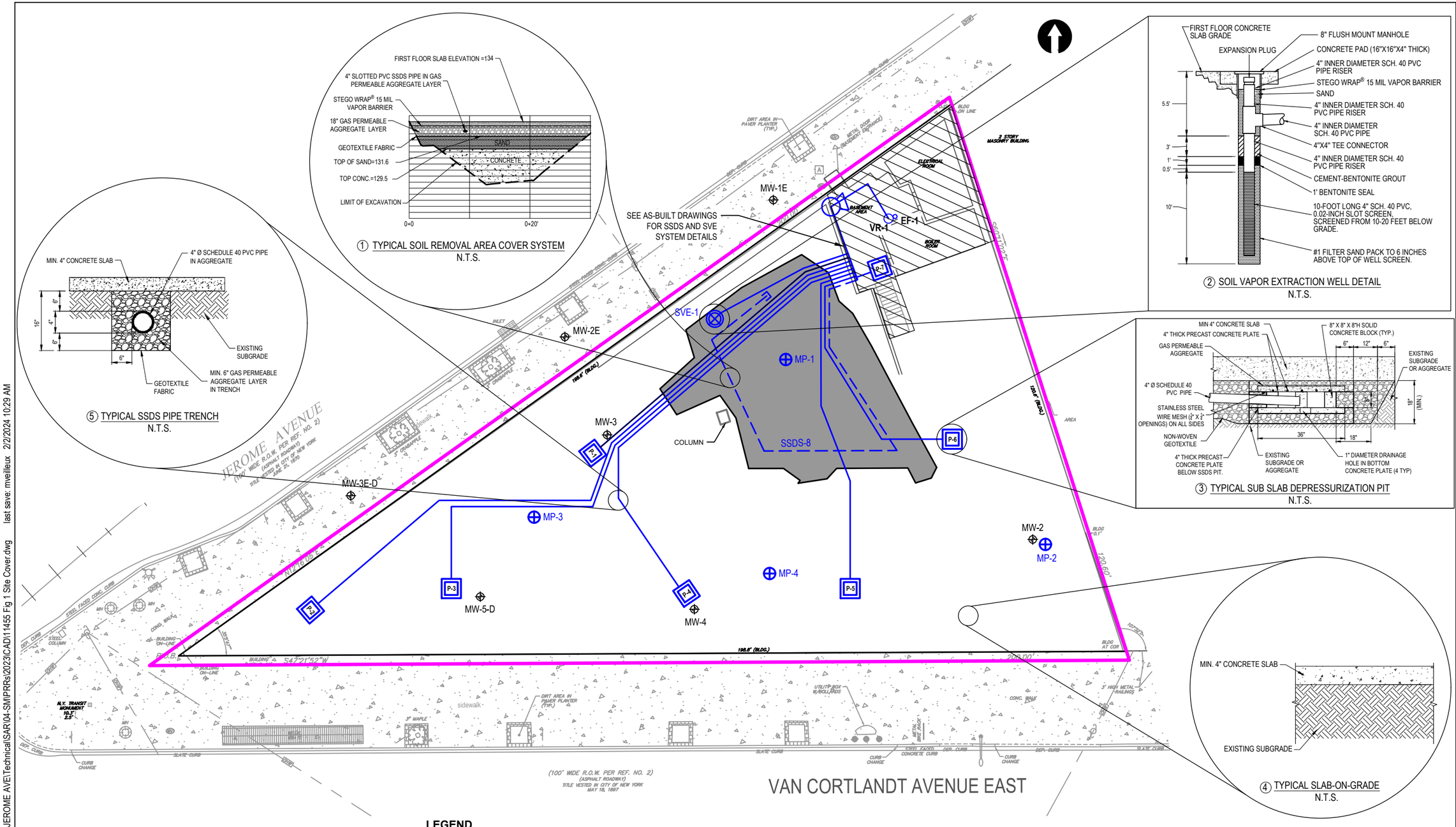
NL-MW-DUP_20231107 is a blind duplicate of sample NL-MW-3_20231107.

GRAPHS

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



FIGURES



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

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.

©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

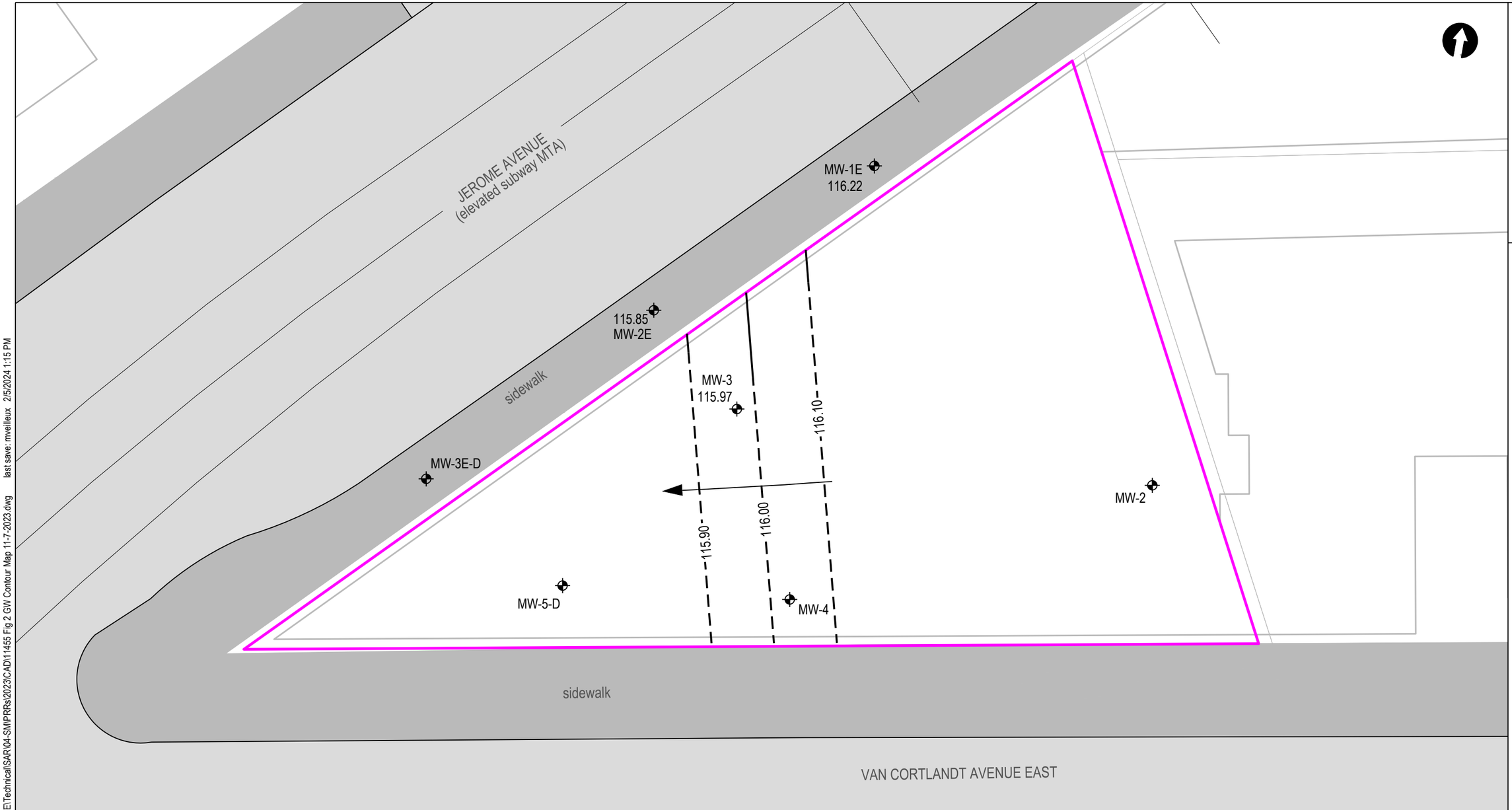
Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

SITE COVER SYSTEM PLAN

DATE
2/2/2024

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.

LEGEND

- PROJECT SITE BOUNDARY
- MW-1E 116.22 — EXISTING MONITORING WELL LOCATION WITH WATER TABLE ELEVATION IN FEET
- 116.00 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

0 20 40
SCALE IN FEET

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Former Nessen Lamps Site
3200 Jerome Avenue
Bronx, New York

GROUNDWATER ELEVATION CONTOUR MAP - 11/07/2023

DATE
2/5/2024

PROJECT NO.
11455

FIGURE
2

©2024 AKRF, Inc Q:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMPRRs\2023\CAD\11455 Fig 2 GW Contour Map 11-7-2023.dwg last save: mveilleux 2/5/2024 1:15 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
Trichloroethene	5	31	77	37	360	14	14	11	19	13	9.7	13	12	12	10	8.5
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	0.65 J	ND	0.59 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
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
Chloroform	7	ND	ND	ND	0.86 J	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
Isopropylbenzene	5	ND	ND	ND	2.9	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
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	340	480	490	350	390	240	300	410	460	200	180	60	70
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
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
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
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	2.5	2.3	0.61 J	0.68 J
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	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
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

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
Trichloroethene	5	130	86	100	30	19	37	24	4.5	20	17	17	10	9.5	9.5
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
trans-1,2-DCE	5	ND	ND	ND	0.44 J	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
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
Benzene	1	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

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

Toyota Automotive
Storage Garage

JEROME AVENUE
(elevated subway MTA)

MW-1E

MW-2E

MW-3

MW-3E-D

MW-2

MW-5-D

MW-4

Approximate
Location of Injection
Well Access Manifold

Extent of
Basement

sidewalk

sidewalk

VAN CORTLAND AVENUE EAST

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
2/6/2024

PROJECT NO.
11455

FIGURE
3

©2024 AKRF, Inc W:\Projects\11455 - 3200 JEROME AVE\Technical\SAR\04-SMP\08\MQuarterly Reports\2020\Q4\CAD\11455 Fig 4 GW Quality 02-2021.dwg last save: mvelleux 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:**	C. Bearden, M. Sanchez		
Date:	11/7/2023	**Sampling Time:**	10:35 AM		
PID at surface:	ND				
Total Depth:	22.98 ft. below top of casing	**Water Column (WC):**	4.98 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.00 ft. below top of casing	**Well Volume*:**	0.81 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2 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)
9:52	18.00	100	17.38	3.261	1.88	7.21	183.1	228.9	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20231107" collected.
9:57	18.20	100	17.04	3.237	1.38	7.26	140.0	125.5	
10:02	18.41	100	16.89	3.250	0.98	7.27	85.4	87.9	
10:07	18.59	100	16.83	3.258	0.89	7.26	67.4	63.3	
10:12	18.72	100	16.89	3.249	0.63	7.29	63.7	91.0	
10:17	18.89	100	17.00	3.238	0.57	7.30	59.8	50.0	
10:25	19.03	100	17.02	3.237	0.41	7.29	41.4	21.6	
10:30	19.10	100	17.02	3.238	0.41	7.27	34.6	15.6	
10:35	19.15	100	17.02	3.242	0.37	7.26	31.6	17.1	
Sampling									
10:48	19.20	100	17.00	3.258	0.29	7.23	29.0	13.6	
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_20231107 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 11/10/2023 2:16 PM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-292076-1

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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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-292076-1

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 11/7/2023 5:00 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 was 0.8º 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-3_20231107 (460-292076-1), NL-MW-Dup_20231107 (460-292076-2), NL-FB-01_20231107 (460-292076-3) and NL-TB-01_20231107 (460-292076-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/08/2023.

The continuing calibration verification (CCV) associated with batch 460-943343 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-943343 recovered outside control limit for Carbon disulfide. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon disulfide failed the recovery criteria high for the MS of sample NL-MW-3_20231107MS (460-292076-1) in batch 460-943343.

Carbon disulfide failed the recovery criteria high for the MSD of sample NL-MW-3_20231107MSD (460-292076-1) in batch 460-943343.

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: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-292076-1	NL-MW-3_20231107	Water	11/07/23 10:35	11/07/23 17:00
460-292076-2	NL-MW-Dup_20231107	Water	11/07/23 10:45	11/07/23 17:00
460-292076-3	NL-FB-01_20231107	Water	11/07/23 11:00	11/07/23 17:00
460-292076-4	NL-TB-01_20231107	Water	11/07/23 00:00	11/07/23 17:00

Detection Summary

Client: AKRF Inc
Job ID: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-3_20231107 — Lab Sample ID: 460-292076-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.7		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.61	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	25		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	14		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	7.6		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.81	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.98	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	60		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.19	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-Dup_20231107 — Lab Sample ID: 460-292076-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.5		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.68	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	26		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	15		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	8.7		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.89	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	70		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.18	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-FB-01_20231107 — Lab Sample ID: 460-292076-3

No Detections.

Client Sample ID: NL-TB-01_20231107 — Lab Sample ID: 460-292076-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-292076-1
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-3_20231107
Lab Sample ID: 460-292076-1

Date Collected: 11/07/23 10:35
Matrix: Water

Date Received: 11/07/23 17:00

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			11/08/23 17:53	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 17:53	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 17:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 17:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 17:53	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 17:53	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 17:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 17:53	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 17:53	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 17:53	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 17:53	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 17:53	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 17:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 17:53	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 17:53	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 17:53	1
Benzene	**6.7**		1.0	0.20	ug/L			11/08/23 17:53	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 17:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 17:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 17:53	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 17:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 17:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
Chloroform	**0.61**	**J**	1.0	0.33	ug/L			11/08/23 17:53	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 17:53	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.22	ug/L			11/08/23 17:53	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 17:53	1
Cyclohexane	**25**		1.0	0.32	ug/L			11/08/23 17:53	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 17:53	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 17:53	1
Ethylbenzene	**1.5**		1.0	0.30	ug/L			11/08/23 17:53	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 17:53	1
Isopropylbenzene	**14**		1.0	0.34	ug/L			11/08/23 17:53	1
Methylcyclohexane	**7.6**		1.0	0.71	ug/L			11/08/23 17:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
MTBE	**0.81**	**J**	1.0	0.22	ug/L			11/08/23 17:53	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 17:53	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 17:53	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
trans-1,2-Dichloroethene	**0.98**	**J**	1.0	0.24	ug/L			11/08/23 17:53	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 17:53	1
Trichloroethene	**60**		1.0	0.31	ug/L			11/08/23 17:53	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
Vinyl chloride	**0.19**	**J**	1.0	0.17	ug/L			11/08/23 17:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*11/08/23 17:53*	*1*

Client Sample ID: NL-MW-3_20231107
Lab Sample ID: 460-292076-1

Date Collected: 11/07/23 10:35
Matrix: Water
Date Received: 11/07/23 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	102		76 - 120		11/08/23 17:53	1
Dibromofluoromethane (Surr)	84		77 - 132		11/08/23 17:53	1
Toluene-d8 (Surr)	105		80 - 120		11/08/23 17:53	1

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2

Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 18:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 18:16	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 18:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 18:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 18:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 18:16	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 18:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 18:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 18:16	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 18:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 18:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 18:16	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 18:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 18:16	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 18:16	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 18:16	1
Benzene	**6.5**		1.0	0.20	ug/L			11/08/23 18:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 18:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 18:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 18:16	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 18:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 18:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
Chloroform	**0.68**	**J**	1.0	0.33	ug/L			11/08/23 18:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 18:16	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			11/08/23 18:16	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 18:16	1
Cyclohexane	**26**		1.0	0.32	ug/L			11/08/23 18:16	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 18:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 18:16	1
Ethylbenzene	**1.5**		1.0	0.30	ug/L			11/08/23 18:16	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 18:16	1
Isopropylbenzene	**15**		1.0	0.34	ug/L			11/08/23 18:16	1
Methylcyclohexane	**8.7**		1.0	0.71	ug/L			11/08/23 18:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
MTBE	**0.89**	**J**	1.0	0.22	ug/L			11/08/23 18:16	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 18:16	1

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2

Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 18:16	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			11/08/23 18:16	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 18:16	1
Trichloroethene	**70**		1.0	0.31	ug/L			11/08/23 18:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
Vinyl chloride	**0.18**	**J**	1.0	0.17	ug/L			11/08/23 18:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/08/23 18:16*	*1*
Bromofluorobenzene	*101*		*76 - 120*		*11/08/23 18:16*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*11/08/23 18:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/08/23 18:16*	*1*

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3

Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:46	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 16:46	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 16:46	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 16:46	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 16:46	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 16:46	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 16:46	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 16:46	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 16:46	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 16:46	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 16:46	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 16:46	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 16:46	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 16:46	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 16:46	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 16:46	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 16:46	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 16:46	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 16:46	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 16:46	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 16:46	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 16:46	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3

Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:46	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 16:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 16:46	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 16:46	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 16:46	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 16:46	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 16:46	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 16:46	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*11/08/23 16:46*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*11/08/23 16:46*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*11/08/23 16:46*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/08/23 16:46*	*1*

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4

Date Collected: 11/07/23 00:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 16:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 16:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 16:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 16:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 16:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 16:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 16:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 16:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 16:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 16:23	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 16:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 16:23	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 16:23	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 16:23	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 16:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4

Date Collected: 11/07/23 00:00
Matrix: Water

Date Received: 11/07/23 17:00

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			11/08/23 16:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 16:23	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 16:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 16:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 16:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 16:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 16:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 16:23	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 16:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 16:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 16:23	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 16:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 16:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/08/23 16:23*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*11/08/23 16:23*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*11/08/23 16:23*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/08/23 16:23*	*1*

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-292076-1

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)
460-292076-1	NL-MW-3_20231107	90	102	84	105
460-292076-1 MS	NL-MW-3_20231107	91	102	84	104
460-292076-1 MSD	NL-MW-3_20231107	93	99	84	103
460-292076-2	NL-MW-Dup_20231107	91	101	84	104
460-292076-3	NL-FB-01_20231107	90	99	86	105
460-292076-4	NL-TB-01_20231107	91	99	86	105
LCS 460-943343/5	Lab Control Sample	92	100	85	105
MB 460-943343/9	Method Blank	89	101	88	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 460-943343/9
Matrix: Water
Analysis Batch: 943343

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			11/08/23 12:37	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 12:37	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 12:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 12:37	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 12:37	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 12:37	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 12:37	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 12:37	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 12:37	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 12:37	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 12:37	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 12:37	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 12:37	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 12:37	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 12:37	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 12:37	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 12:37	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 12:37	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/08/23 12:37	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 12:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 12:37	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 12:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 12:37	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 12:37	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 12:37	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 12:37	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 12:37	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 12:37	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 12:37	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 12:37	1

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

Lab Sample ID: MB 460-943343/9
Matrix: Water
Analysis Batch: 943343

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 128		11/08/23 12:37	1
Bromofluorobenzene	101		76 - 120		11/08/23 12:37	1
Dibromofluoromethane (Surr)	88		77 - 132		11/08/23 12:37	1
Toluene-d8 (Surr)	105		80 - 120		11/08/23 12:37	1

Lab Sample ID: LCS 460-943343/5
Matrix: Water
Analysis Batch: 943343

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	17.8		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	18.4		ug/L		92	73 - 130
1,1-Dichloroethene	20.0	22.8		ug/L		114	68 - 133
1,2,4-Trichlorobenzene	20.0	19.4		ug/L		97	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/L		86	58 - 132
1,2-Dibromoethane	20.0	17.9		ug/L		90	79 - 126
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
1,2-Dichloroethane	20.0	16.6		ug/L		83	66 - 129
1,2-Dichloropropane	20.0	17.8		ug/L		89	68 - 128
1,3-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
2-Butanone	100	94.2		ug/L		94	61 - 142
2-Hexanone	100	85.3		ug/L		85	61 - 134
4-Methyl-2-pentanone	100	86.7		ug/L		87	69 - 139
Acetone	100	84.7		ug/L		85	49 - 149
Benzene	20.0	21.9		ug/L		109	71 - 126
Bromodichloromethane	20.0	15.9		ug/L		79	76 - 121
Bromoform	20.0	17.8		ug/L		89	58 - 136
Bromomethane	20.0	21.0		ug/L		105	10 - 120
Carbon disulfide	20.0	36.4	*	ug/L		182	68 - 138
Carbon tetrachloride	20.0	18.4		ug/L		92	65 - 142
Chlorobenzene	20.0	19.8		ug/L		99	80 - 120
Chloroethane	20.0	20.4		ug/L		102	48 - 150
Chloroform	20.0	16.7		ug/L		84	78 - 125
Chloromethane	20.0	21.1		ug/L		106	43 - 140
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 125
Cyclohexane	20.0	24.8		ug/L		124	60 - 142
Dibromochloromethane	20.0	18.1		ug/L		90	69 - 130
Dichlorodifluoromethane	20.0	20.8		ug/L		104	27 - 120
Ethylbenzene	20.0	19.5		ug/L		98	78 - 120
Freon TF	20.0	19.7		ug/L		99	51 - 142
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125
Methylcyclohexane	20.0	23.8		ug/L		119	49 - 149
Methylene Chloride	20.0	20.4		ug/L		102	74 - 127
MTBE	20.0	17.3		ug/L		86	72 - 131

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

Lab Sample ID: LCS 460-943343/5
Matrix: Water
Analysis Batch: 943343

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	19.7		ug/L		98	82 - 127
Tetrachloroethene	20.0	20.8		ug/L		104	70 - 127
Toluene	20.0	20.8		ug/L		104	78 - 120
trans-1,2-Dichloroethene	20.0	21.6		ug/L		108	74 - 126
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	66 - 127
Trichloroethene	20.0	18.3		ug/L		91	51 - 121
Trichlorofluoromethane	20.0	18.2		ug/L		91	50 - 120
Vinyl chloride	20.0	20.1		ug/L		100	55 - 144
Xylenes, Total	40.0	39.8		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-292076-1 MS
Matrix: Water
Analysis Batch: 943343

Client Sample ID: NL-MW-3_20231107
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	17.7		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.2		ug/L		86	63 - 139
1,1,2-Trichloroethane	0.20	U	20.0	18.7		ug/L		94	74 - 125
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130
1,1-Dichloroethene	0.26	U	20.0	23.9		ug/L		120	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	18.7		ug/L		93	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.1		ug/L		81	58 - 132
1,2-Dibromoethane	0.50	U	20.0	18.0		ug/L		90	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	18.9		ug/L		95	80 - 120
1,2-Dichloroethane	0.43	U	20.0	16.5		ug/L		82	66 - 129
1,2-Dichloropropane	0.35	U	20.0	17.5		ug/L		88	68 - 128
1,3-Dichlorobenzene	0.34	U	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	19.2		ug/L		96	80 - 120
2-Butanone	1.9	U	100	97.4		ug/L		97	61 - 142
2-Hexanone	1.1	U	100	90.4		ug/L		90	61 - 134
4-Methyl-2-pentanone	1.3	U	100	93.6		ug/L		94	69 - 139
Acetone	4.4	U	100	87.0		ug/L		87	49 - 149
Benzene	6.7		20.0	27.8		ug/L		105	71 - 126
Bromodichloromethane	0.34	U	20.0	16.6		ug/L		83	76 - 121
Bromoform	0.54	U	20.0	17.0		ug/L		85	58 - 136
Bromomethane	0.55	U	20.0	17.1		ug/L		85	10 - 120
Carbon disulfide	0.82	U *	20.0	37.9	*	ug/L		190	68 - 138
Carbon tetrachloride	0.21	U	20.0	18.3		ug/L		92	65 - 142
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120
Chloroethane	0.32	U	20.0	24.5		ug/L		122	48 - 150
Chloroform	0.61	J	20.0	17.1		ug/L		83	78 - 125
Chloromethane	0.40	U	20.0	21.6		ug/L		108	43 - 140

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

Lab Sample ID: 460-292076-1 MS | **Client Sample ID: NL-MW-3_20231107**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 943343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	2.1		20.0	20.8		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	18.8		ug/L		94	74 - 125
Cyclohexane	25		20.0	46.3		ug/L		105	60 - 142
Dibromochloromethane	0.28	U	20.0	17.8		ug/L		89	69 - 130
Dichlorodifluoromethane	0.31	U	20.0	20.8		ug/L		104	27 - 120
Ethylbenzene	1.5		20.0	21.1		ug/L		98	78 - 120
Freon TF	0.31	U	20.0	20.4		ug/L		102	51 - 142
Isopropylbenzene	14		20.0	33.0		ug/L		93	79 - 125
Methylcyclohexane	7.6		20.0	30.0		ug/L		112	49 - 149
Methylene Chloride	0.32	U	20.0	24.7		ug/L		123	74 - 127
MTBE	0.81	J	20.0	18.0		ug/L		86	72 - 131
Styrene	0.42	U	20.0	19.8		ug/L		99	82 - 127
Tetrachloroethene	0.25	U	20.0	21.3		ug/L		107	70 - 127
Toluene	0.38	U	20.0	21.2		ug/L		106	78 - 120
trans-1,2-Dichloroethene	0.98	J	20.0	22.0		ug/L		105	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	18.1		ug/L		91	66 - 127
Trichloroethene	60		20.0	76.0		ug/L		78	51 - 121
Trichlorofluoromethane	0.32	U	20.0	18.6		ug/L		93	50 - 120
Vinyl chloride	0.19	J	20.0	20.5		ug/L		102	55 - 144
Xylenes, Total	0.65	U	40.0	41.0		ug/L		103	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-292076-1 MSD | **Client Sample ID: NL-MW-3_20231107**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 943343

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	17.8		ug/L		89	72 - 128	0	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	18.2		ug/L		91	63 - 139	6	30
1,1,2-Trichloroethane	0.20	U	20.0	18.5		ug/L		93	74 - 125	1	30
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130	0	30
1,1-Dichloroethene	0.26	U	20.0	24.5		ug/L		123	68 - 133	2	30
1,2,4-Trichlorobenzene	0.37	U	20.0	19.5		ug/L		98	67 - 132	4	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	17.5		ug/L		88	58 - 132	8	30
1,2-Dibromoethane	0.50	U	20.0	17.9		ug/L		90	79 - 126	0	30
1,2-Dichlorobenzene	0.21	U	20.0	19.0		ug/L		95	80 - 120	0	30
1,2-Dichloroethane	0.43	U	20.0	16.5		ug/L		83	66 - 129	0	30
1,2-Dichloropropane	0.35	U	20.0	17.2		ug/L		86	68 - 128	2	30
1,3-Dichlorobenzene	0.34	U	20.0	18.9		ug/L		94	80 - 120	1	30
1,4-Dichlorobenzene	0.33	U	20.0	19.0		ug/L		95	80 - 120	1	30
2-Butanone	1.9	U	100	99.1		ug/L		99	61 - 142	2	30
2-Hexanone	1.1	U	100	88.9		ug/L		89	61 - 134	2	30
4-Methyl-2-pentanone	1.3	U	100	92.2		ug/L		92	69 - 139	1	30

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

Lab Sample ID: 460-292076-1 MSD
Client Sample ID: NL-MW-3_20231107
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 943343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	88.4		ug/L		88	49 - 149	2	30
Benzene	6.7		20.0	27.7		ug/L		105	71 - 126	0	30
Bromodichloromethane	0.34	U	20.0	16.3		ug/L		81	76 - 121	2	30
Bromoform	0.54	U	20.0	16.9		ug/L		84	58 - 136	1	30
Bromomethane	0.55	U	20.0	18.5		ug/L		93	10 - 120	8	30
Carbon disulfide	0.82	U *	20.0	38.5	*	ug/L		193	68 - 138	2	30
Carbon tetrachloride	0.21	U	20.0	18.5		ug/L		92	65 - 142	1	30
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120	0	30
Chloroethane	0.32	U	20.0	23.0		ug/L		115	48 - 150	6	30
Chloroform	0.61	J	20.0	17.5		ug/L		84	78 - 125	2	30
Chloromethane	0.40	U	20.0	20.8		ug/L		104	43 - 140	4	30
cis-1,2-Dichloroethene	2.1		20.0	21.1		ug/L		95	78 - 121	2	30
cis-1,3-Dichloropropene	0.22	U	20.0	18.7		ug/L		93	74 - 125	1	30
Cyclohexane	25		20.0	45.0		ug/L		98	60 - 142	3	30
Dibromochloromethane	0.28	U	20.0	17.4		ug/L		87	69 - 130	2	30
Dichlorodifluoromethane	0.31	U	20.0	19.6		ug/L		98	27 - 120	6	30
Ethylbenzene	1.5		20.0	20.9		ug/L		97	78 - 120	1	30
Freon TF	0.31	U	20.0	20.5		ug/L		102	51 - 142	1	30
Isopropylbenzene	14		20.0	32.4		ug/L		90	79 - 125	2	30
Methylcyclohexane	7.6		20.0	30.2		ug/L		113	49 - 149	0	30
Methylene Chloride	0.32	U	20.0	24.9		ug/L		125	74 - 127	1	30
MTBE	0.81	J	20.0	18.6		ug/L		89	72 - 131	4	30
Styrene	0.42	U	20.0	19.4		ug/L		97	82 - 127	2	30
Tetrachloroethene	0.25	U	20.0	21.3		ug/L		106	70 - 127	0	30
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 120	1	30
trans-1,2-Dichloroethene	0.98	J	20.0	22.2		ug/L		106	74 - 126	1	30
trans-1,3-Dichloropropene	0.22	U	20.0	17.7		ug/L		88	66 - 127	2	30
Trichloroethene	60		20.0	77.5		ug/L		86	51 - 121	2	30
Trichlorofluoromethane	0.32	U	20.0	18.8		ug/L		94	50 - 120	1	30
Vinyl chloride	0.19	J	20.0	19.8		ug/L		98	55 - 144	4	30
Xylenes, Total	0.65	U	40.0	40.2		ug/L		101	80 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	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: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 943343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292076-1	NL-MW-3_20231107	Total/NA	Water	8260D	
460-292076-2	NL-MW-Dup_20231107	Total/NA	Water	8260D	
460-292076-3	NL-FB-01_20231107	Total/NA	Water	8260D	
460-292076-4	NL-TB-01_20231107	Total/NA	Water	8260D	
MB 460-943343/9	Method Blank	Total/NA	Water	8260D	
LCS 460-943343/5	Lab Control Sample	Total/NA	Water	8260D	
460-292076-1 MS	NL-MW-3_20231107	Total/NA	Water	8260D	
460-292076-1 MSD	NL-MW-3_20231107	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-3_20231107
Lab Sample ID: 460-292076-1
Date Collected: 11/07/23 10:35
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 17:53

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2
Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 18:16

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3
Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 16:46

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4
Date Collected: 11/07/23 00:00
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 16:23

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: 460-292076-1
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	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292076-1

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-3_20231107	460-292076-1	84	90	105	102
NL-MW-Dup_20231107	460-292076-2	84	91	104	101
NL-FB-01_20231107	460-292076-3	86	90	105	99
NL-TB-01_20231107	460-292076-4	86	91	105	99
	MB 460-943343/9	88	89	105	101
	LCS 460-943343/5	85	92	105	100
NL-MW-3_20231107 MS	460-292076-1 MS	84	91	104	102
NL-MW-3_20231107 MSD	460-292076-1 MSD	84	93	103	99

	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671957.D

Lab ID: LCS 460-943343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.8	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	63-139	
1,1,2-Trichloroethane	20.0	18.6	93	74-125	
1,1-Dichloroethane	20.0	18.4	92	73-130	
1,1-Dichloroethene	20.0	22.8	114	68-133	
1,2,4-Trichlorobenzene	20.0	19.4	97	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	58-132	
1,2-Dibromoethane	20.0	17.9	90	79-126	
1,2-Dichlorobenzene	20.0	18.6	93	80-120	
1,2-Dichloroethane	20.0	16.6	83	66-129	
1,2-Dichloropropane	20.0	17.8	89	68-128	
1,3-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	80-120	
2-Butanone	100	94.2	94	61-142	
2-Hexanone	100	85.3	85	61-134	
4-Methyl-2-pentanone	100	86.7	87	69-139	
Acetone	100	84.7	85	49-149	
Benzene	20.0	21.9	109	71-126	
Bromodichloromethane	20.0	15.9	79	76-121	
Bromoform	20.0	17.8	89	58-136	
Bromomethane	20.0	21.0	105	10-120	
Carbon disulfide	20.0	36.4	182	68-138	*
Carbon tetrachloride	20.0	18.4	92	65-142	
Chlorobenzene	20.0	19.8	99	80-120	
Chloroethane	20.0	20.4	102	48-150	
Chloroform	20.0	16.7	84	78-125	
Chloromethane	20.0	21.1	106	43-140	
cis-1,2-Dichloroethene	20.0	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	19.6	98	74-125	
Cyclohexane	20.0	24.8	124	60-142	
Dibromochloromethane	20.0	18.1	90	69-130	
Dichlorodifluoromethane	20.0	20.8	104	27-120	
Ethylbenzene	20.0	19.5	98	78-120	
Freon TF	20.0	19.7	99	51-142	
Isopropylbenzene	20.0	19.6	98	79-125	
Methylcyclohexane	20.0	23.8	119	49-149	
Methylene Chloride	20.0	20.4	102	74-127	
MTBE	20.0	17.3	86	72-131	
Styrene	20.0	19.7	98	82-127	
Tetrachloroethene	20.0	20.8	104	70-127	
Toluene	20.0	20.8	104	78-120	
trans-1,2-Dichloroethene	20.0	21.6	108	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671957.D

Lab ID: LCS 460-943343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	18.6	93	66-127	
Trichloroethene	20.0	18.3	91	51-121	
Trichlorofluoromethane	20.0	18.2	91	50-120	
Vinyl chloride	20.0	20.1	100	55-144	
Xylenes, Total	40.0	39.8	100	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671967.D

Lab ID: 460-292076-1 MS Client ID: NL-MW-3_20231107 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	17.7	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	17.2	86	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	18.7	94	74-125	
1,1-Dichloroethane	20.0	0.26 U	18.0	90	73-130	
1,1-Dichloroethene	20.0	0.26 U	23.9	120	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	18.7	93	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	16.1	81	58-132	
1,2-Dibromoethane	20.0	0.50 U	18.0	90	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	18.9	95	80-120	
1,2-Dichloroethane	20.0	0.43 U	16.5	82	66-129	
1,2-Dichloropropane	20.0	0.35 U	17.5	88	68-128	
1,3-Dichlorobenzene	20.0	0.34 U	19.0	95	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	19.2	96	80-120	
2-Butanone	100	1.9 U	97.4	97	61-142	
2-Hexanone	100	1.1 U	90.4	90	61-134	
4-Methyl-2-pentanone	100	1.3 U	93.6	94	69-139	
Acetone	100	4.4 U	87.0	87	49-149	
Benzene	20.0	6.7	27.8	105	71-126	
Bromodichloromethane	20.0	0.34 U	16.6	83	76-121	
Bromoform	20.0	0.54 U	17.0	85	58-136	
Bromomethane	20.0	0.55 U	17.1	85	10-120	
Carbon disulfide	20.0	0.82 U	37.9	190	68-138	*
Carbon tetrachloride	20.0	0.21 U	18.3	92	65-142	
Chlorobenzene	20.0	0.38 U	20.1	101	80-120	
Chloroethane	20.0	0.32 U	24.5	122	48-150	
Chloroform	20.0	0.61 J	17.1	83	78-125	
Chloromethane	20.0	0.40 U	21.6	108	43-140	
cis-1,2-Dichloroethene	20.0	2.1	20.8	93	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	18.8	94	74-125	
Cyclohexane	20.0	25	46.3	105	60-142	
Dibromochloromethane	20.0	0.28 U	17.8	89	69-130	
Dichlorodifluoromethane	20.0	0.31 U	20.8	104	27-120	
Ethylbenzene	20.0	1.5	21.1	98	78-120	
Freon TF	20.0	0.31 U	20.4	102	51-142	
Isopropylbenzene	20.0	14	33.0	93	79-125	
Methylcyclohexane	20.0	7.6	30.0	112	49-149	
Methylene Chloride	20.0	0.32 U	24.7	123	74-127	
MTBE	20.0	0.81 J	18.0	86	72-131	
Styrene	20.0	0.42 U	19.8	99	82-127	
Tetrachloroethene	20.0	0.25 U	21.3	107	70-127	
Toluene	20.0	0.38 U	21.2	106	78-120	
trans-1,2-Dichloroethene	20.0	0.98 J	22.0	105	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671967.D

Lab ID: 460-292076-1 MS Client ID: NL-MW-3_20231107 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	18.1	91	66-127	
Trichloroethene	20.0	60	76.0	78	51-121	
Trichlorofluoromethane	20.0	0.32 U	18.6	93	50-120	
Vinyl chloride	20.0	0.19 J	20.5	102	55-144	
Xylenes, Total	40.0	0.65 U	41.0	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671968.D

Lab ID: 460-292076-1 MSD Client ID: NL-MW-3_20231107 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	17.8	89	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	6	30	63-139	
1,1,2-Trichloroethane	20.0	18.5	93	1	30	74-125	
1,1-Dichloroethane	20.0	18.0	90	0	30	73-130	
1,1-Dichloroethene	20.0	24.5	123	2	30	68-133	
1,2,4-Trichlorobenzene	20.0	19.5	98	4	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.5	88	8	30	58-132	
1,2-Dibromoethane	20.0	17.9	90	0	30	79-126	
1,2-Dichlorobenzene	20.0	19.0	95	0	30	80-120	
1,2-Dichloroethane	20.0	16.5	83	0	30	66-129	
1,2-Dichloropropane	20.0	17.2	86	2	30	68-128	
1,3-Dichlorobenzene	20.0	18.9	94	1	30	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	1	30	80-120	
2-Butanone	100	99.1	99	2	30	61-142	
2-Hexanone	100	88.9	89	2	30	61-134	
4-Methyl-2-pentanone	100	92.2	92	1	30	69-139	
Acetone	100	88.4	88	2	30	49-149	
Benzene	20.0	27.7	105	0	30	71-126	
Bromodichloromethane	20.0	16.3	81	2	30	76-121	
Bromoform	20.0	16.9	84	1	30	58-136	
Bromomethane	20.0	18.5	93	8	30	10-120	
Carbon disulfide	20.0	38.5	193	2	30	68-138	*
Carbon tetrachloride	20.0	18.5	92	1	30	65-142	
Chlorobenzene	20.0	20.1	101	0	30	80-120	
Chloroethane	20.0	23.0	115	6	30	48-150	
Chloroform	20.0	17.5	84	2	30	78-125	
Chloromethane	20.0	20.8	104	4	30	43-140	
cis-1,2-Dichloroethene	20.0	21.1	95	2	30	78-121	
cis-1,3-Dichloropropene	20.0	18.7	93	1	30	74-125	
Cyclohexane	20.0	45.0	98	3	30	60-142	
Dibromochloromethane	20.0	17.4	87	2	30	69-130	
Dichlorodifluoromethane	20.0	19.6	98	6	30	27-120	
Ethylbenzene	20.0	20.9	97	1	30	78-120	
Freon TF	20.0	20.5	102	1	30	51-142	
Isopropylbenzene	20.0	32.4	90	2	30	79-125	
Methylcyclohexane	20.0	30.2	113	0	30	49-149	
Methylene Chloride	20.0	24.9	125	1	30	74-127	
MTBE	20.0	18.6	89	4	30	72-131	
Styrene	20.0	19.4	97	2	30	82-127	
Tetrachloroethene	20.0	21.3	106	0	30	70-127	
Toluene	20.0	21.0	105	1	30	78-120	
trans-1,2-Dichloroethene	20.0	22.2	106	1	30	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671968.D

Lab ID: 460-292076-1 MSD Client ID: NL-MW-3_20231107 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	17.7	88	2	30	66-127	
Trichloroethene	20.0	77.5	86	2	30	51-121	
Trichlorofluoromethane	20.0	18.8	94	1	30	50-120	
Vinyl chloride	20.0	19.8	98	4	30	55-144	
Xylenes, Total	40.0	40.2	101	2	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.: 460-292076-1

SDG No.:

Lab File ID: T671961.D Lab Sample ID: MB 460-943343/9

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

Instrument ID: CVOAMS15 Date Analyzed: 11/08/2023 12:37

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 460-943343/5	T671957.D	11/08/2023 11:06
NL-MW-3_20231107 MS	460-292076-1 MS	T671967.D	11/08/2023 14:53
NL-MW-3_20231107 MSD	460-292076-1 MSD	T671968.D	11/08/2023 15:15
NL-TB-01_20231107	460-292076-4	T671971.D	11/08/2023 16:23
NL-FB-01_20231107	460-292076-3	T671972.D	11/08/2023 16:46
NL-MW-3_20231107	460-292076-1	T671975.D	11/08/2023 17:53
NL-MW-Dup_20231107	460-292076-2	T671976.D	11/08/2023 18:16

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

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab File ID: T671306.D BFB Injection Date: 10/27/2023

Instrument ID: CVOAMS15 BFB Injection Time: 10:37

Analysis Batch No.: 940983

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	89.4
96	5 - 9% of m/z 95	8.0
173	Less than 2% of m/z 174	1.1
174	50 - 200% of m/z 95	111.9
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	96.7
177	5 - 10% of m/z 176	7.3

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 460-940983/5	T671310.D	10/27/2023	12:09
	STD1 460-940983/7	T671312.D	10/27/2023	12:54
	STD5 460-940983/8	T671313.D	10/27/2023	13:17
	STD20 460-940983/9	T671314.D	10/27/2023	13:40
	STD50 460-940983/10	T671315.D	10/27/2023	14:02
	STD200 460-940983/11	T671316.D	10/27/2023	14:25
	STD500 460-940983/12	T671317.D	10/27/2023	14:48
	ICV 460-940983/1020	-T671325-ICV.	10/27/2023	18:15

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

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Sample No.: STD20 460-940983/9 Date Analyzed: 10/27/2023 13:40

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671314.D Heated Purge: (Y/N) N

Calibration ID: 94875

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		39297	3.24	278634	4.44	598469	5.71
UPPER LIMIT		78594	3.74	557268	4.94	1196938	6.21
LOWER LIMIT		19649	2.74	139317	3.94	299235	5.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-940983/1020		48047	3.24	342218	4.44	686458	5.71

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.: 460-292076-1

SDG No.:

Sample No.: STD20 460-940983/9 Date Analyzed: 10/27/2023 13:40

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671314.D Heated Purge: (Y/N) N

Calibration ID: 94875

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31781	6.54	488492	9.84	267442	13.08
UPPER LIMIT		63562	7.04	976984	10.34	534884	13.58
LOWER LIMIT		15891	6.04	244246	9.34	133721	12.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-940983/1020		35139	6.54	558425	9.84	300123	13.08

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.: 460-292076-1

SDG No.:

Sample No.: CCVIS 460-943343/4 Date Analyzed: 11/08/2023 10:44

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671956.D Heated Purge: (Y/N) N

Calibration ID: 94875

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42232	3.24	318568	4.44	702405	5.71
UPPER LIMIT		84464	3.74	637136	4.94	1404810	6.21
LOWER LIMIT		21116	2.74	159284	3.94	351203	5.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-943343/5		42220	3.24	331775	4.44	737848	5.71
MB 460-943343/9		38869	3.24	296973	4.44	747741	5.71
460-292076-1 MS	NL-MW-3_20231107 MS	41533	3.24	293810	4.44	753843	5.71
460-292076-1 MSD	NL-MW-3_20231107 MSD	43333	3.24	309501	4.44	745265	5.71
460-292076-4	NL-TB-01_20231107	33327	3.24	272931	4.44	675236	5.71
460-292076-3	NL-FB-01_20231107	34104	3.24	268339	4.44	660193	5.71
460-292076-1	NL-MW-3_20231107	35731	3.24	279367	4.44	733285	5.71
460-292076-2	NL-MW-Dup_20231107	43966	3.24	325824	4.44	734257	5.71

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.: 460-292076-1

SDG No.:

Sample No.: CCVIS 460-943343/4 Date Analyzed: 11/08/2023 10:44

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671956.D Heated Purge: (Y/N) N

Calibration ID: 94875

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35780	6.54	546566	9.84	292906	13.08
UPPER LIMIT		71560	7.04	1093132	10.34	585812	13.58
LOWER LIMIT		17890	6.04	273283	9.34	146453	12.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-943343/5		36542	6.53	567840	9.84	301346	13.08
MB 460-943343/9		36941	6.53	581554	9.84	312829	13.08
460-292076-1 MS	NL-MW-3_20231107 MS	35992	6.54	585039	9.84	315598	13.08
460-292076-1 MSD	NL-MW-3_20231107 MSD	36450	6.53	580833	9.84	307506	13.08
460-292076-4	NL-TB-01_20231107	30254	6.53	515399	9.84	269823	13.08
460-292076-3	NL-FB-01_20231107	29754	6.52	504914	9.84	265208	13.08
460-292076-1	NL-MW-3_20231107	33058	6.54	561700	9.84	300015	13.08
460-292076-2	NL-MW-Dup_20231107	38779	6.52	568150	9.84	307356	13.08

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.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

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	6.7		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	0.61	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	25		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	7.6		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.98	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	60		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.19	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)	90		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Lims ID: 460-292076-C-1
Client ID: NL-MW-3_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 17:53:56 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1
Misc. Info.: 460-0168581-023
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:24 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:04:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.722	0.000	51	1411	0.1899	
13 Pentane	72	2.351	2.351	0.000	95	3319	6.03	
15 Ethyl ether	59	2.561	2.555	0.006	80	1707	0.4796	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	92	35731	1000.0	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	67	9731	0.8081	a
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	69	4676	0.9799	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	279367	250.0	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	85	12513	2.12	
52 Chloroform	83	4.805	4.805	0.000	96	5694	0.6149	
55 Cyclohexane	84	4.946	4.941	0.005	91	146866	25.4	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	188214	41.8	
60 Benzene	78	5.366	5.366	0.000	95	114082	6.75	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.387	0.005	92	177445	44.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	733285	50.0	
67 Trichloroethene	95	6.115	6.115	0.000	94	314021	60.4	
70 Methylcyclohexane	83	6.252	6.262	-0.010	92	47043	7.57	a
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	0	33058	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	733823	52.3	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	561700	50.0	
97 Ethylbenzene	106	10.021	10.016	0.005	97	10822	1.52	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	94	3810	0.4575	
104 Isopropylbenzene	105	11.427	11.432	-0.005	94	295902	14.5	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	95	256460	51.1	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	116686	4.91	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	27460	1.98	
118 sec-Butylbenzene	105	12.853	12.853	0.000	98	114844	5.86	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	300015	50.0	
123 1,2,3-Trimethylbenzene	105	13.136	13.136	0.000	96	17946	1.09	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	87	24046	1.47	
127 p-Diethylbenzene	119	13.409	13.409	0.000	95	14595	1.46	
128 n-Butylbenzene	92	13.430	13.430	0.000	90	4616	0.5669	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		3.10	
S 140 Total BTEX	1				0		8.73	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

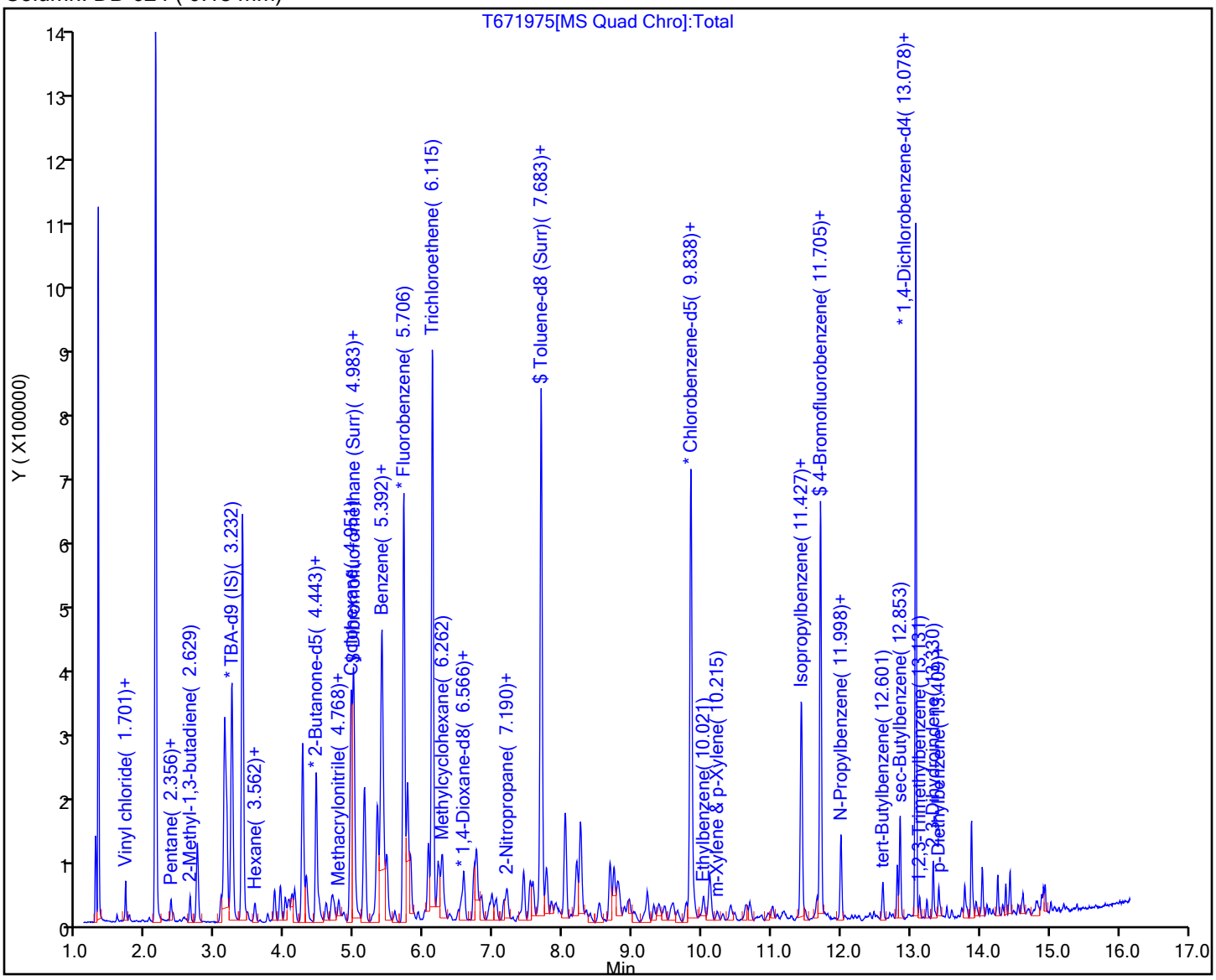
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Injection Date: 08-Nov-2023 17:53:56 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-1 Lab Sample ID: 460-292076-1
Client ID: NL-MW-3_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Lims ID:	460-292076-C-1				
Client ID:	NL-MW-3_20231107				
Sample Type:	Client				
Inject. Date:	08-Nov-2023 17:53:56	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-292076-C-1				
Misc. Info.:	460-0168581-023				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	09-Nov-2023 10:42:24	Calib Date:	27-Oct-2023 14:48:16		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1618				
First Level Reviewer: HVW2		Date:	09-Nov-2023 01:04:34		

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.8	83.58
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.9	89.79
$ 83 Toluene-d8 (Surr)	50.0	52.3	104.60
$ 105 4-Bromofluorobenzene	50.0	51.1	102.16

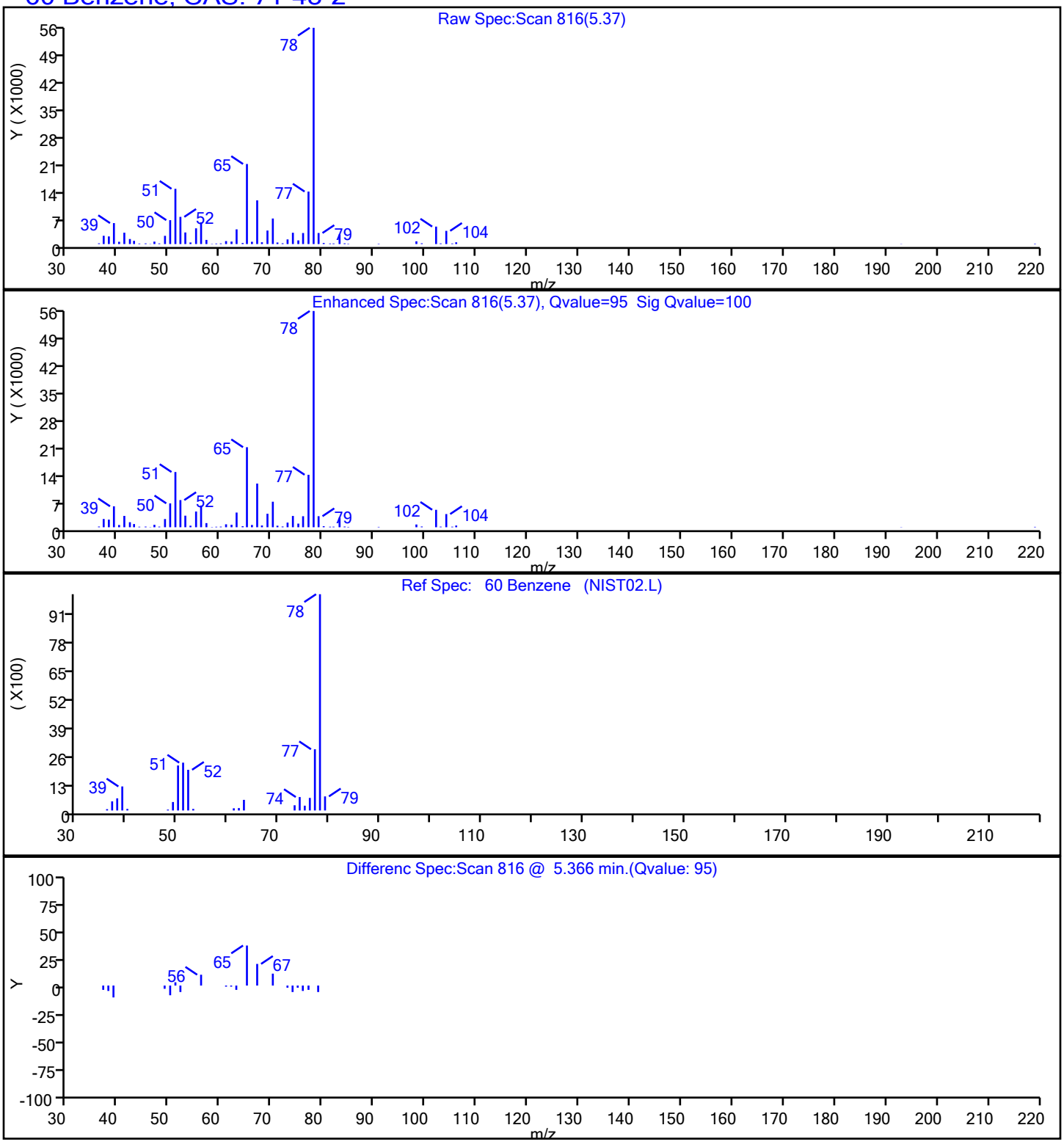
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



11/10/2023
2:16 PM

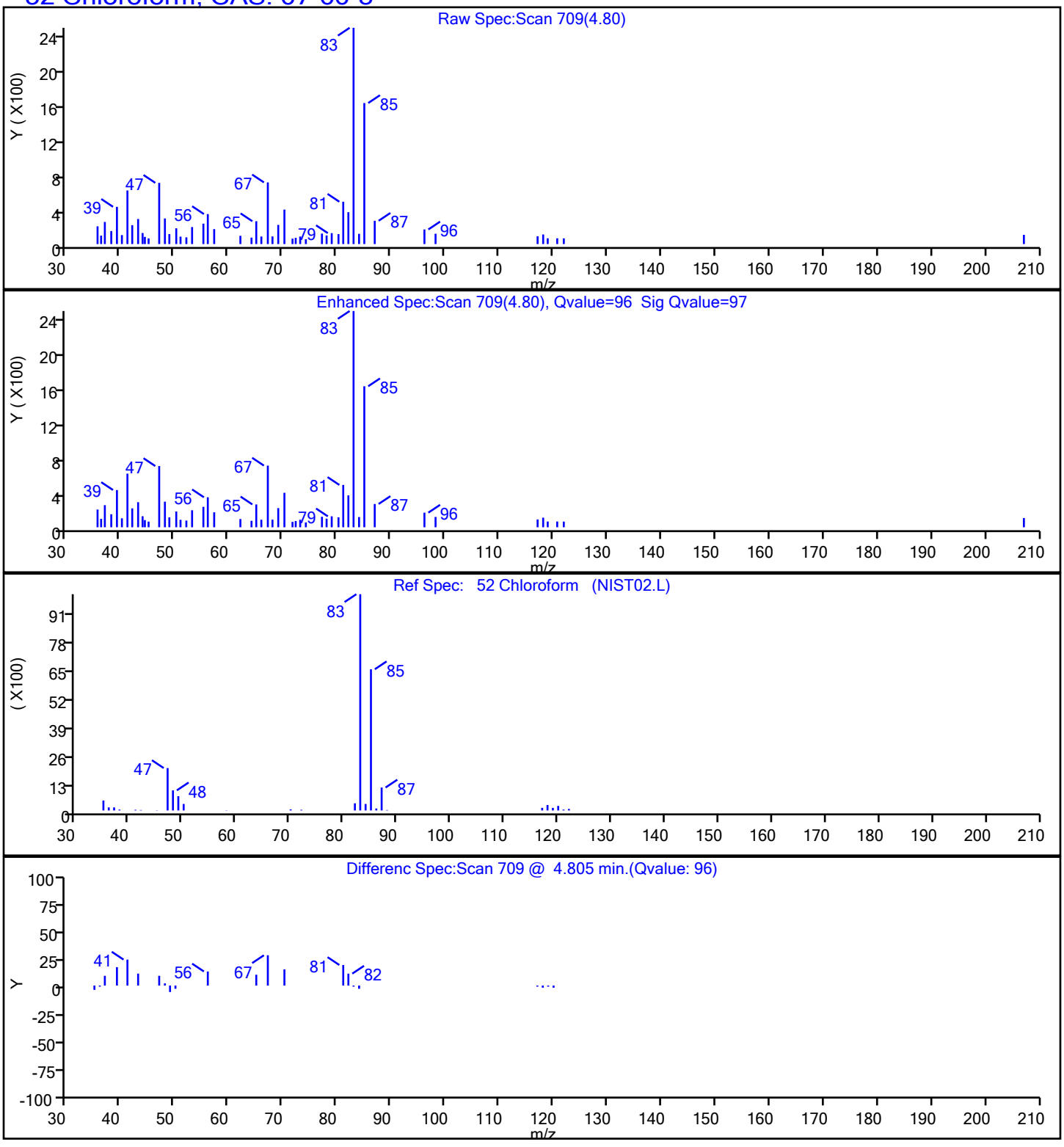
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



11/10/2023
2:16 PM

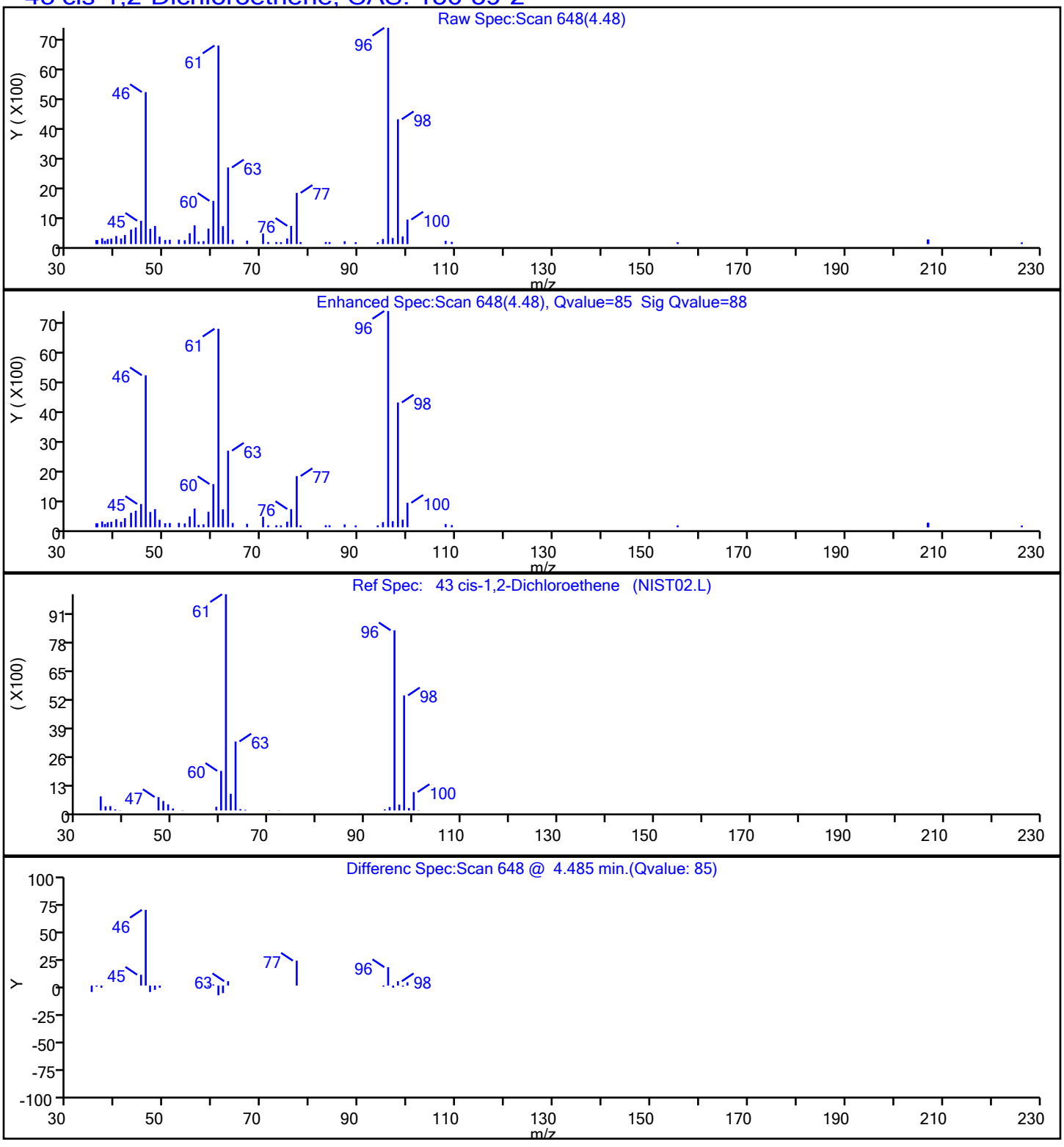
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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

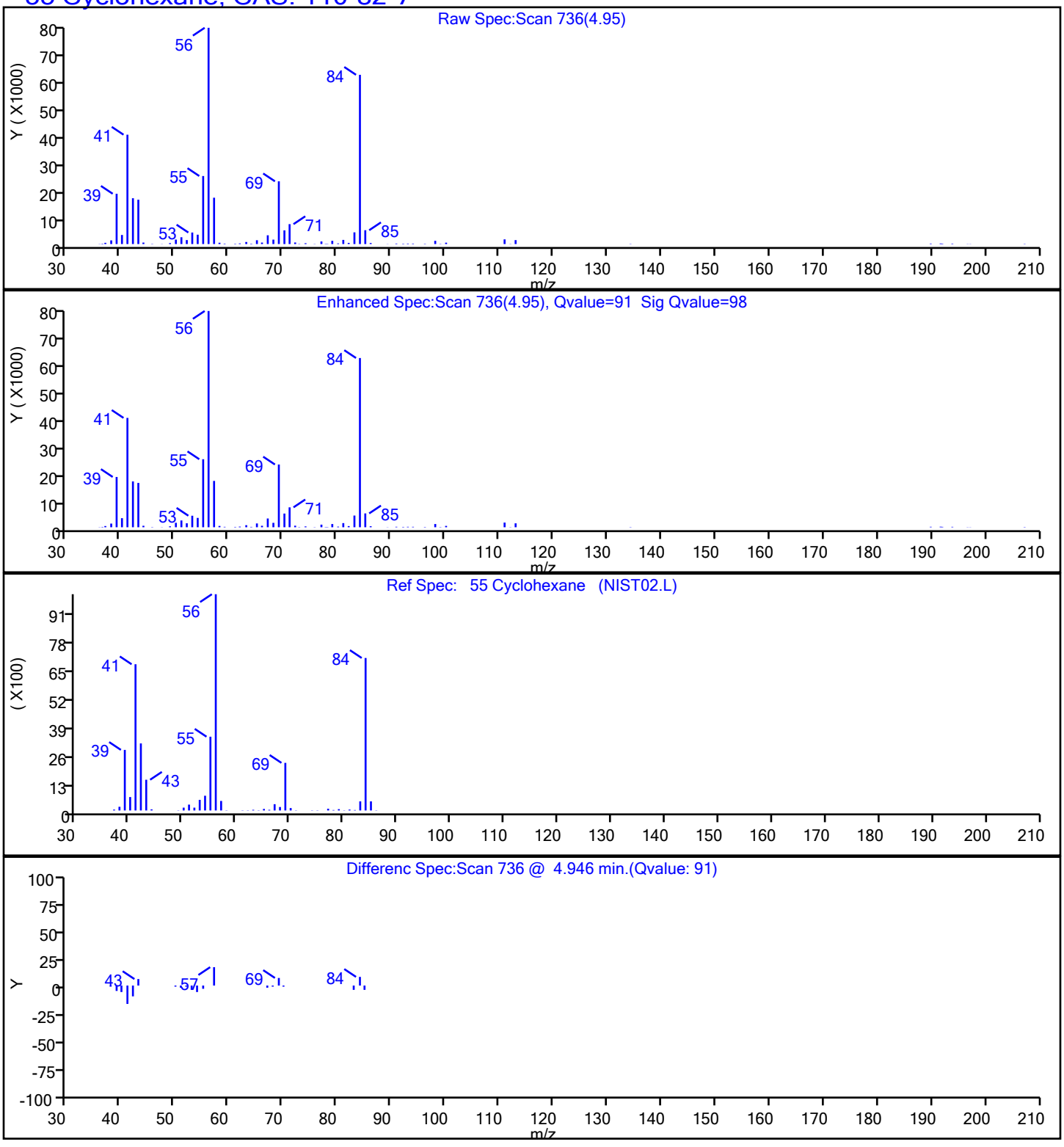


11/10/2023
2:16 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

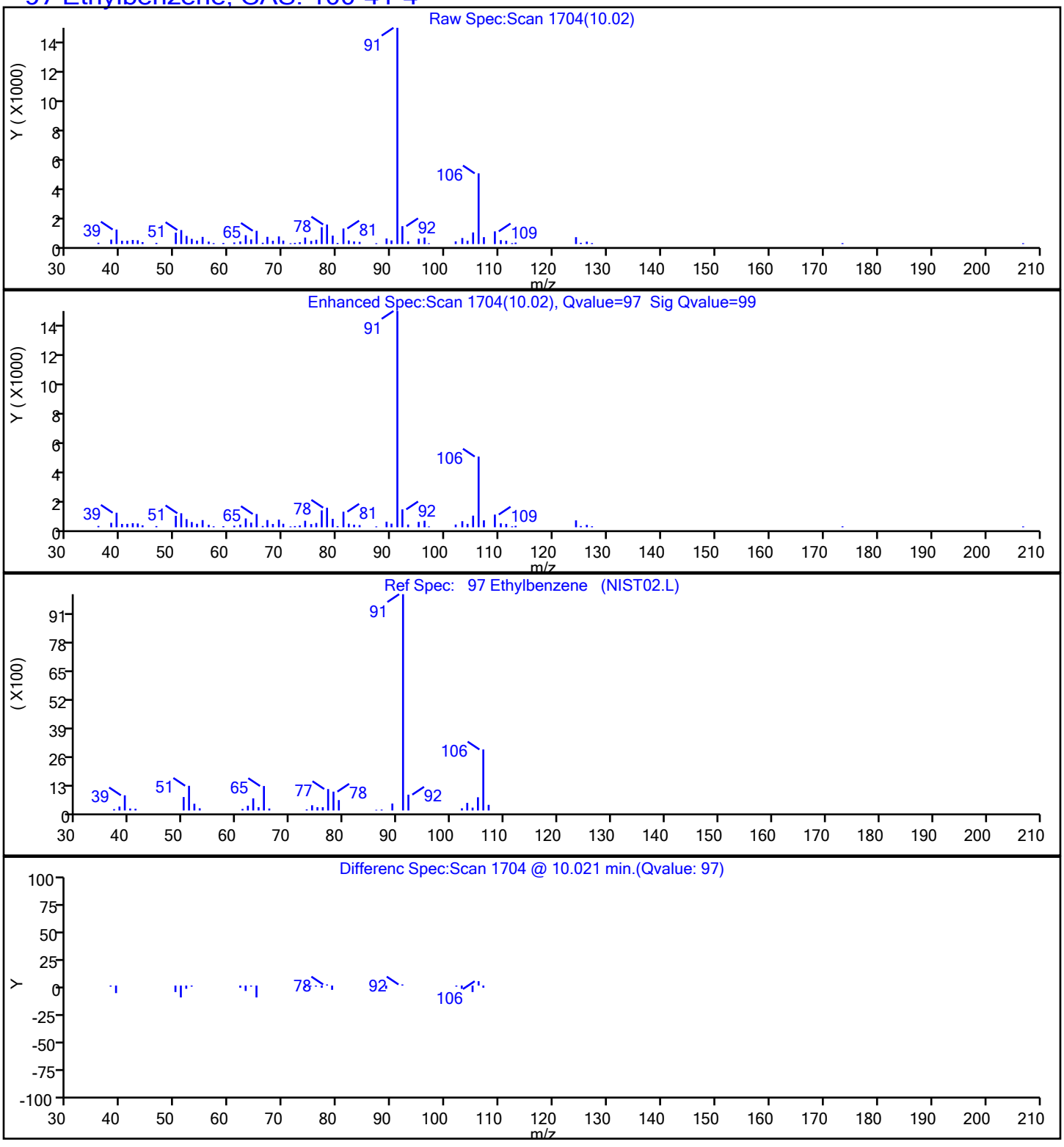
55 Cyclohexane, CAS: 110-82-7



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D		
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



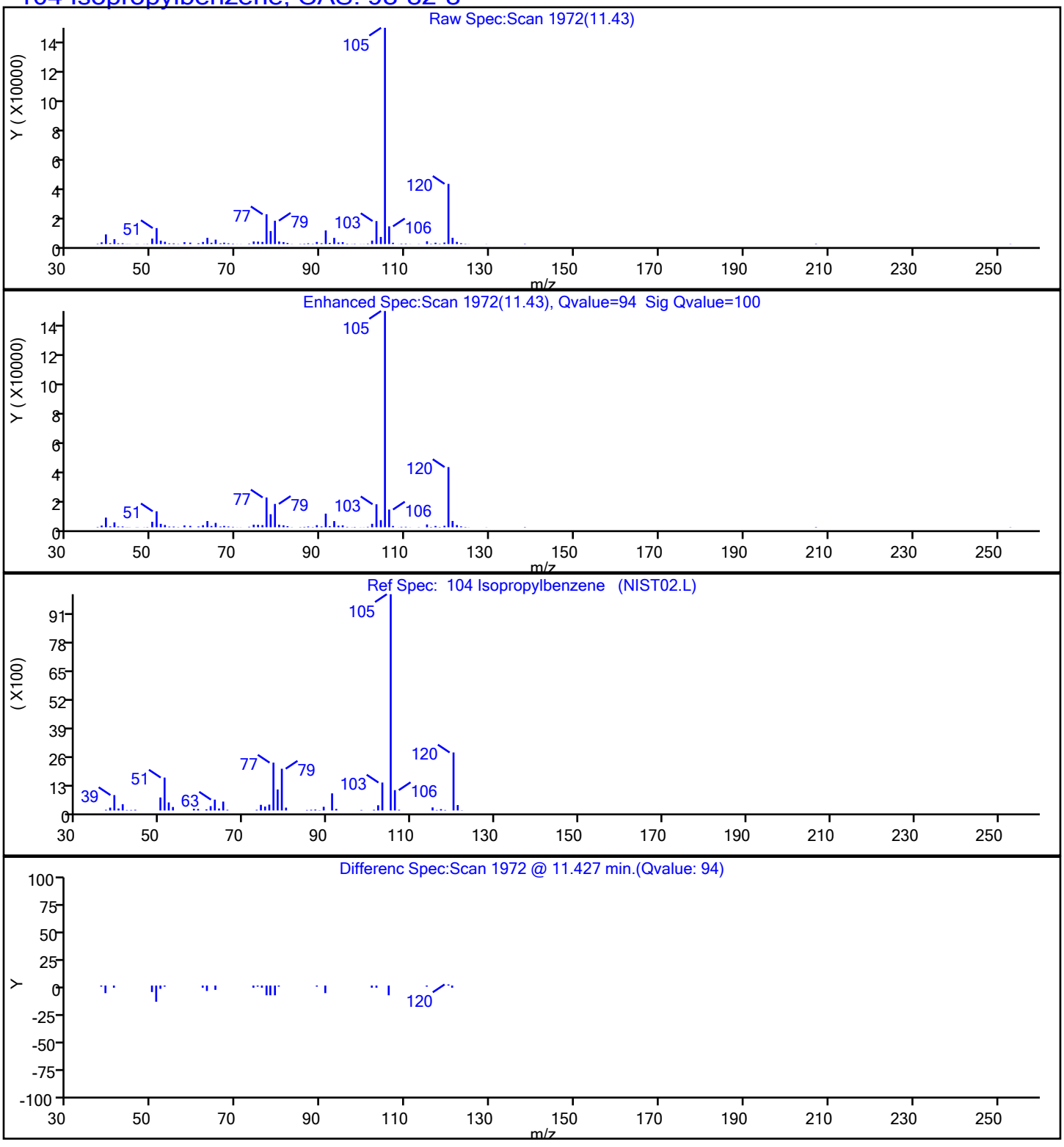
Report Date: 09-Nov-2023 10:42:26 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

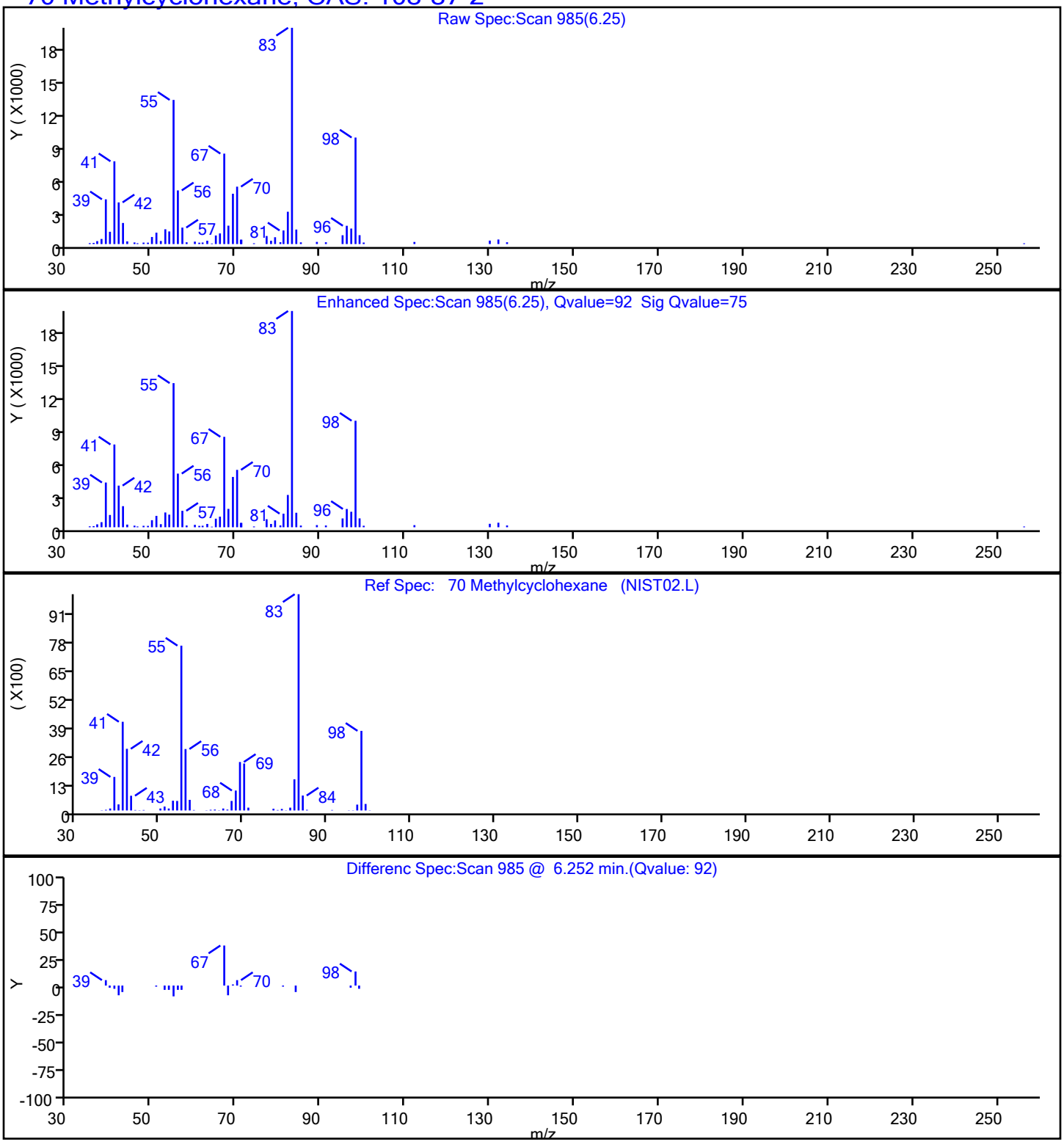
104 Isopropylbenzene, CAS: 98-82-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

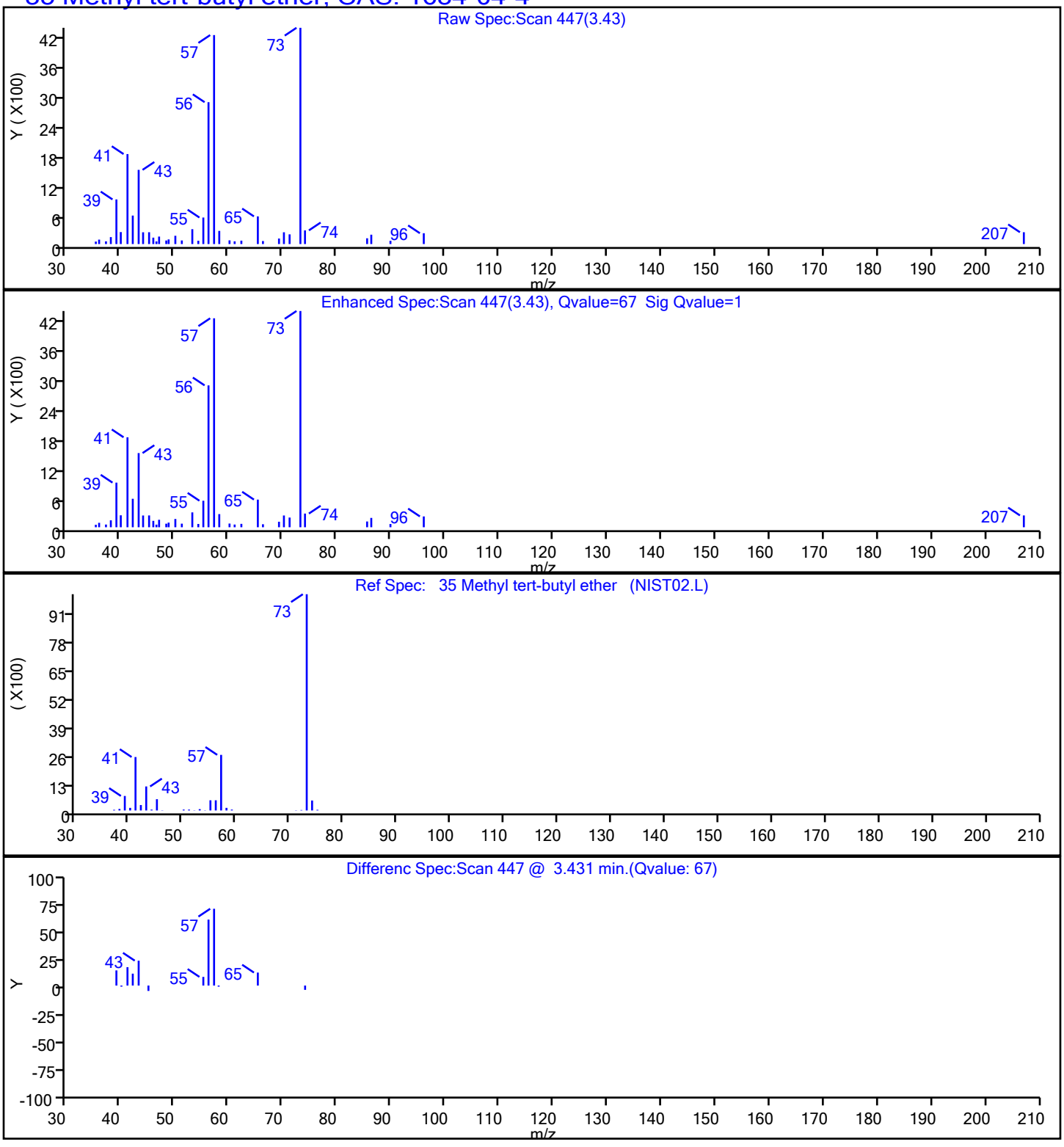
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



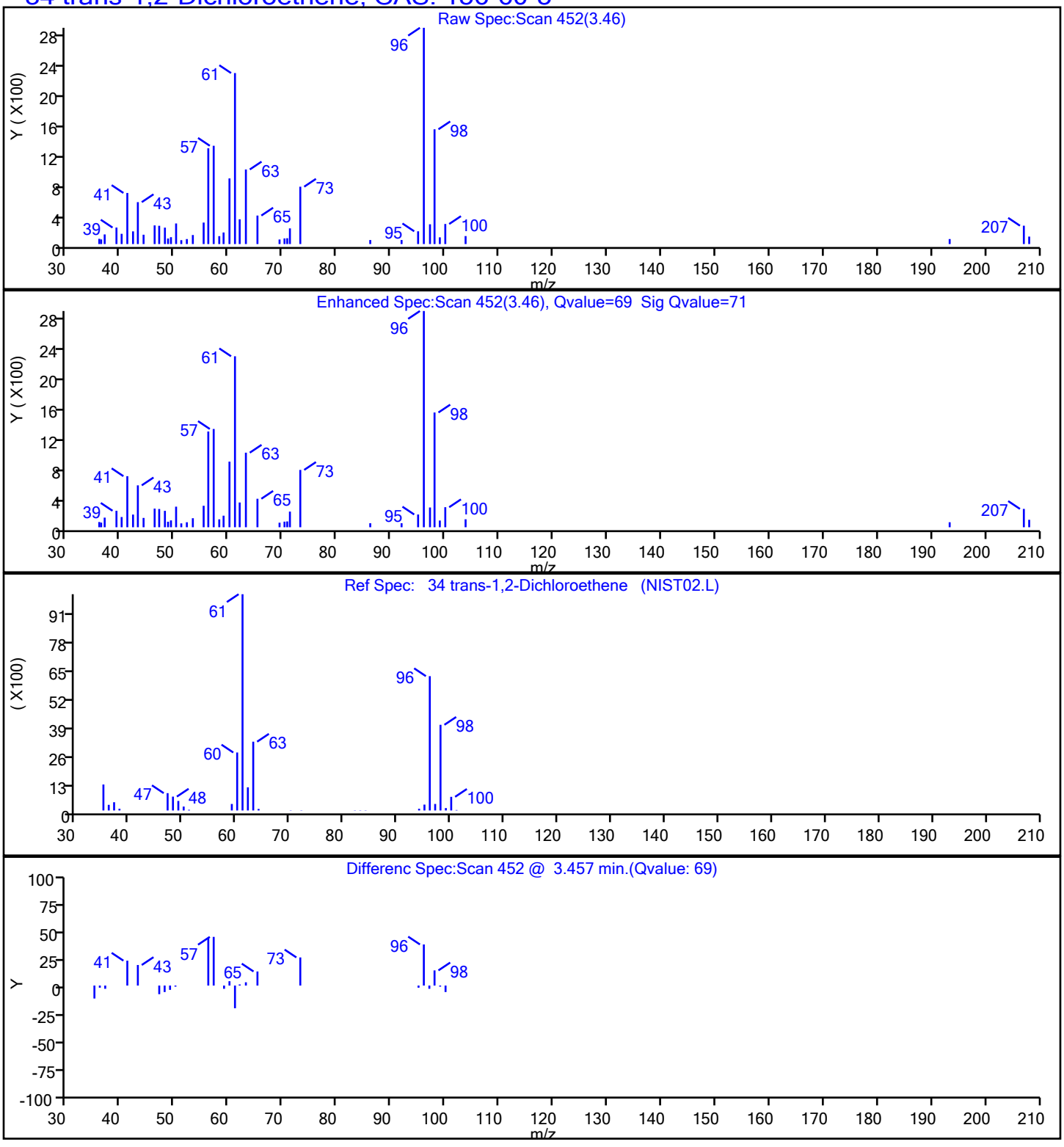
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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

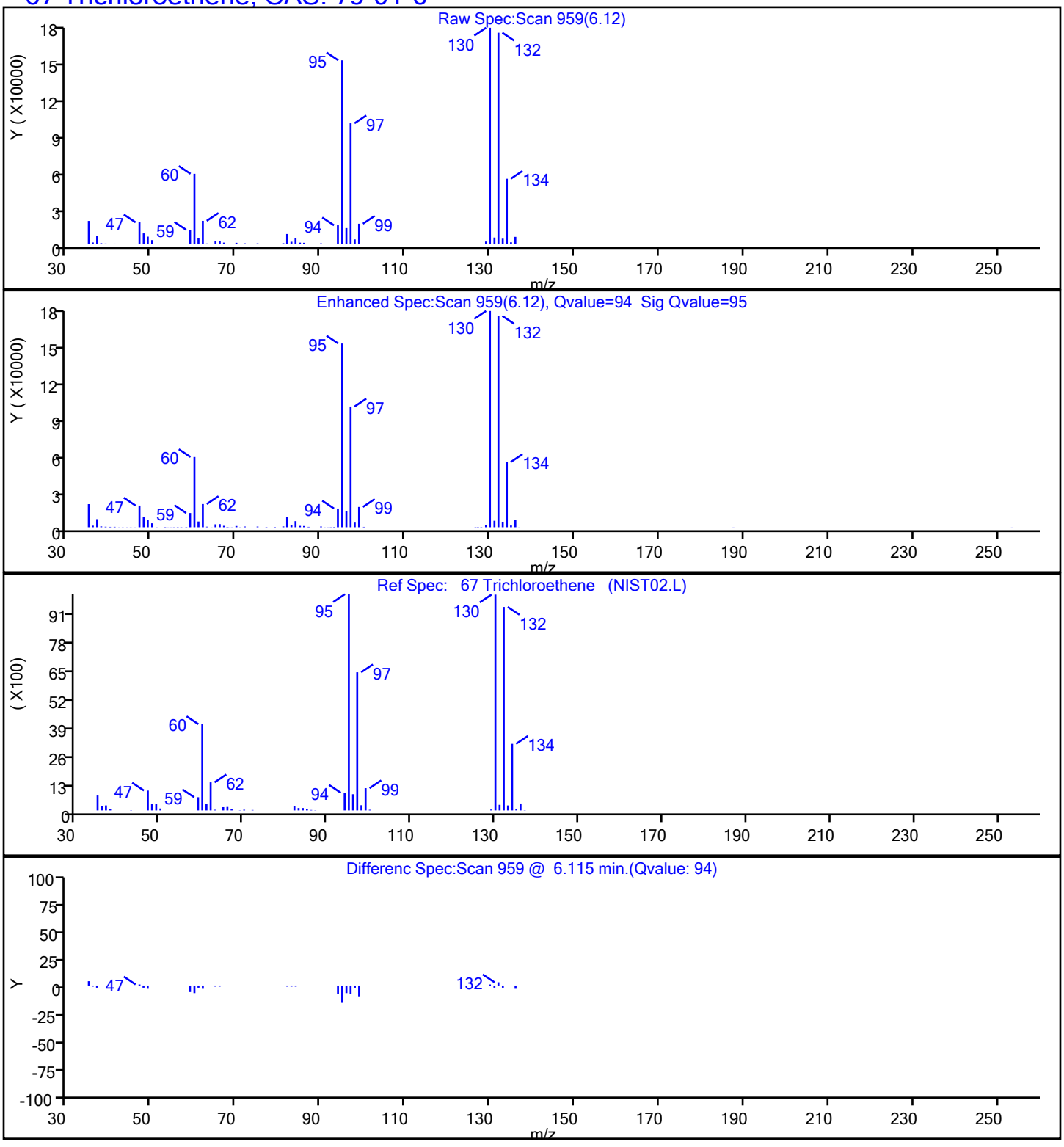


11/10/2023
2:16 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Injection Date: 08-Nov-2023 17:53:56 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-1 Lab Sample ID: 460-292076-1
Client ID: NL-MW-3_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 Trichloroethene, CAS: 79-01-6



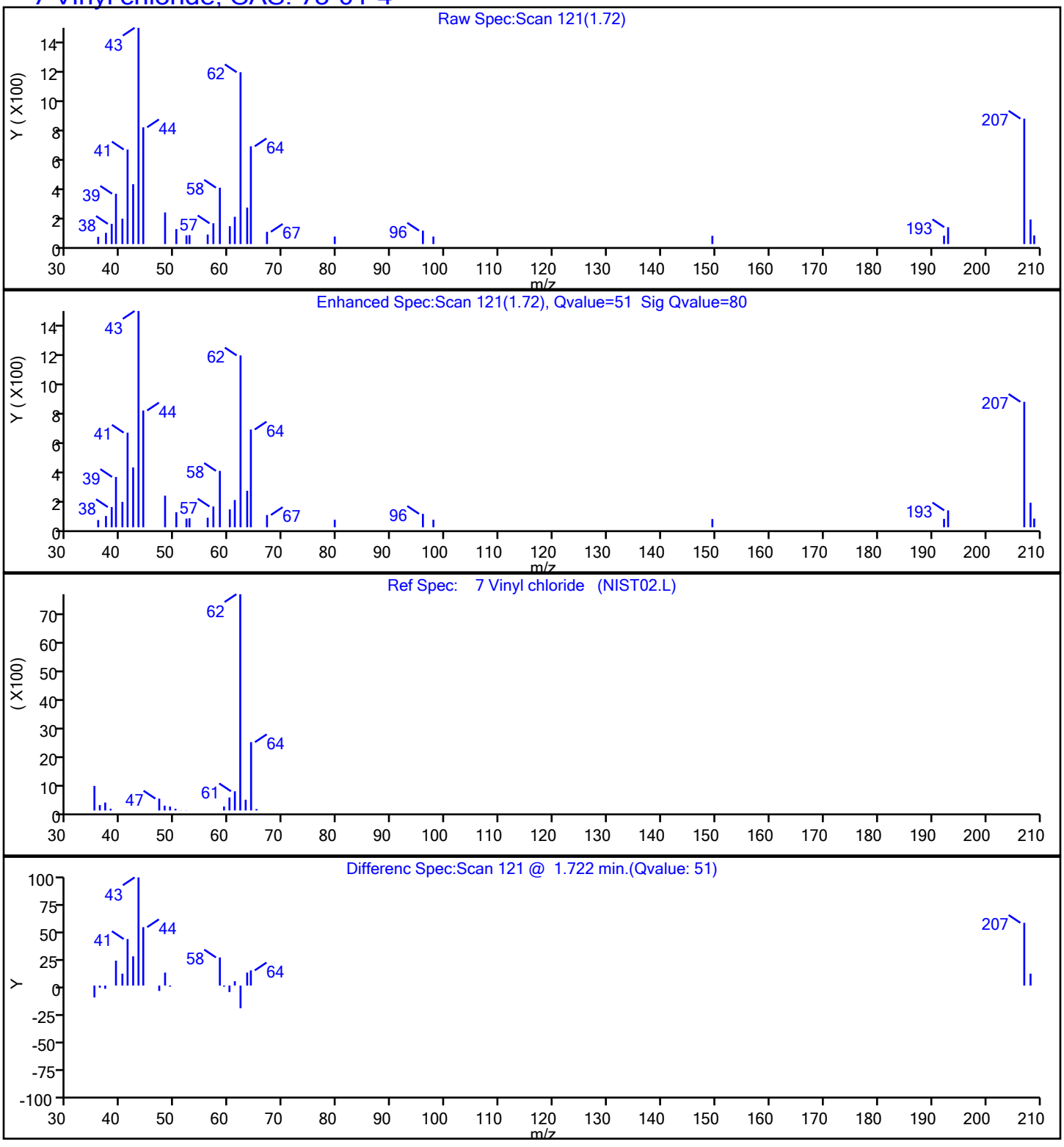
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

7 Vinyl chloride, CAS: 75-01-4



Eurofins Edison

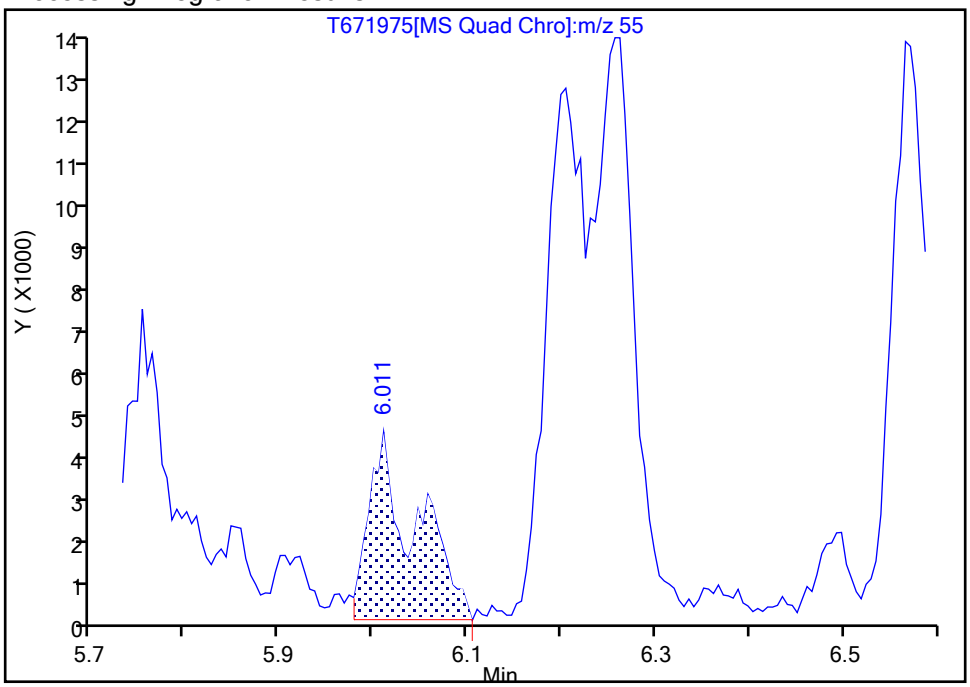
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Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 2

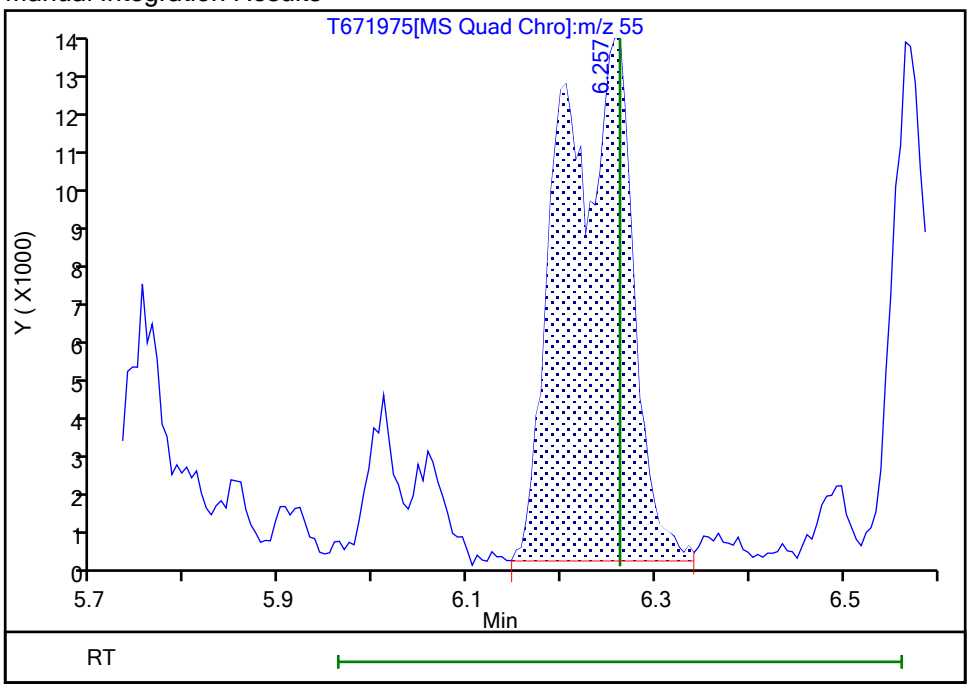
Processing Integration Results

RT: 6.01
Area: 14746
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 69437
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

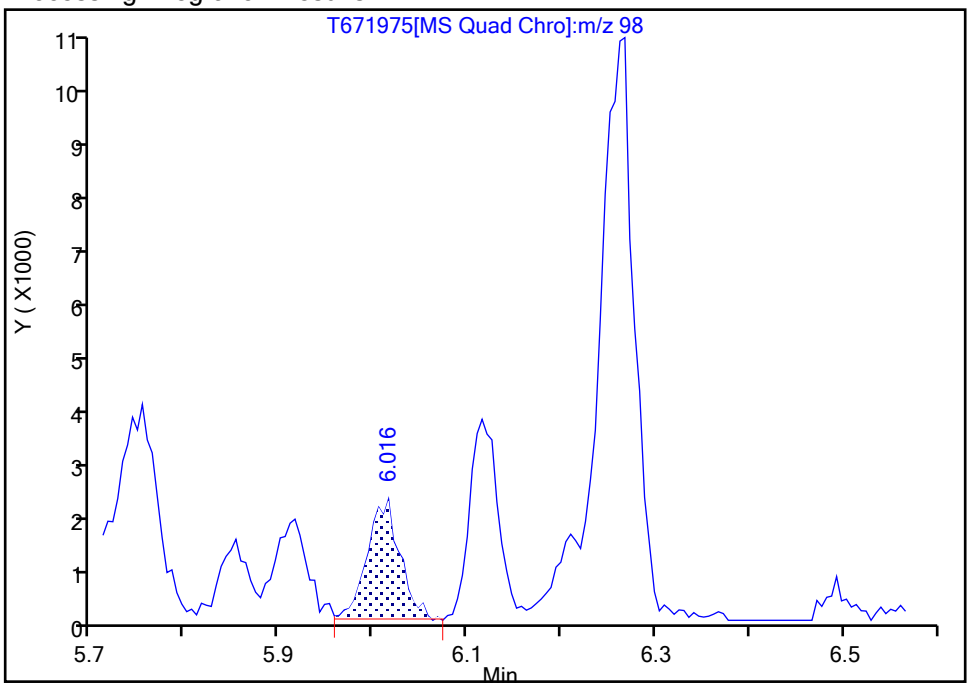
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Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 3

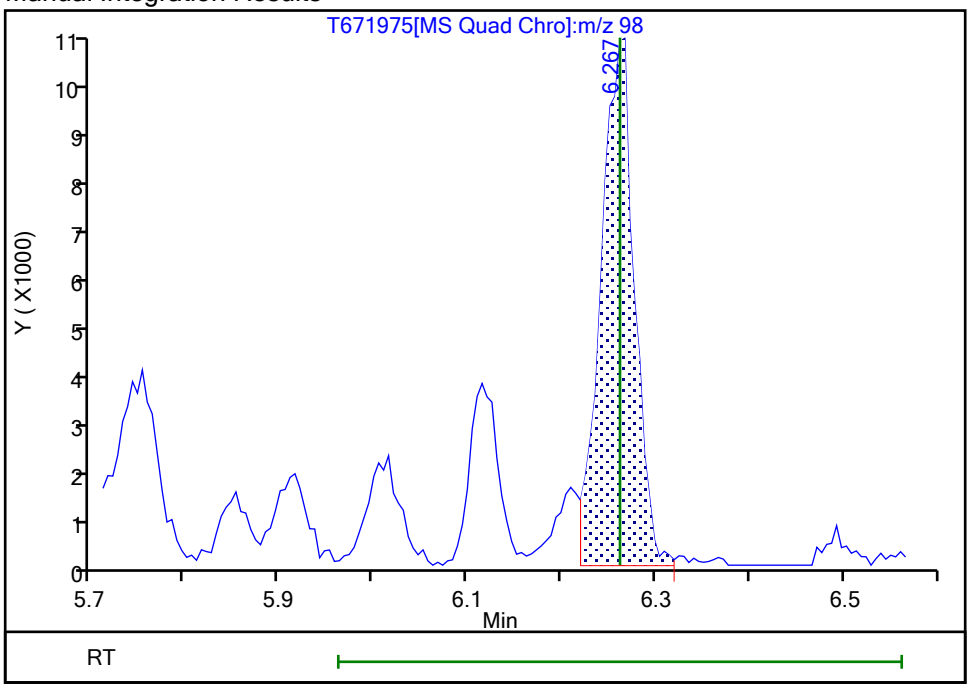
Processing Integration Results

RT: 6.02
Area: 5507
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 26845
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:36 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

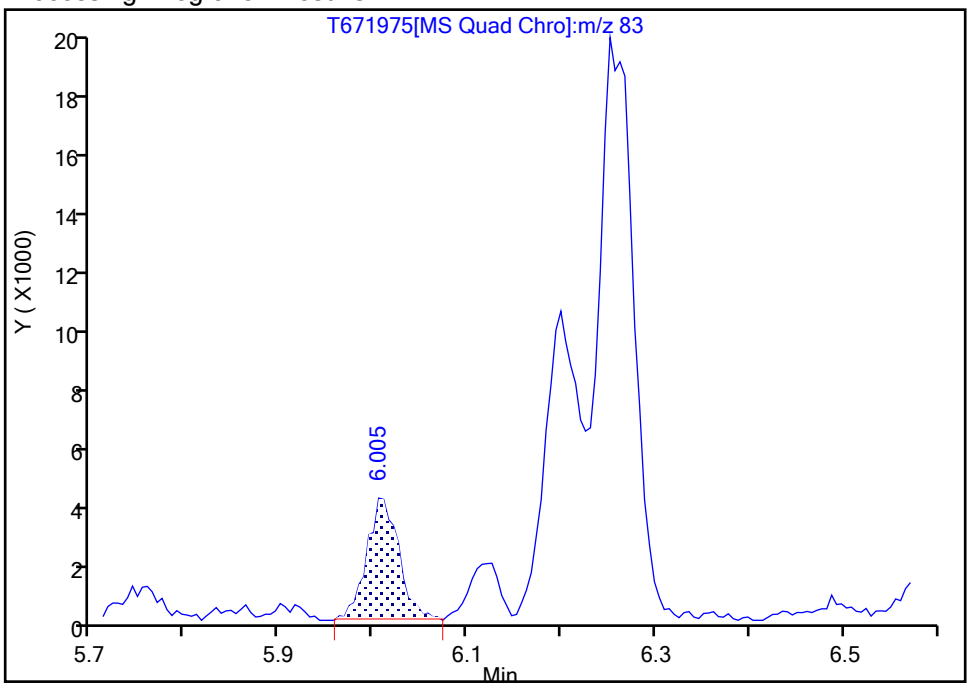
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

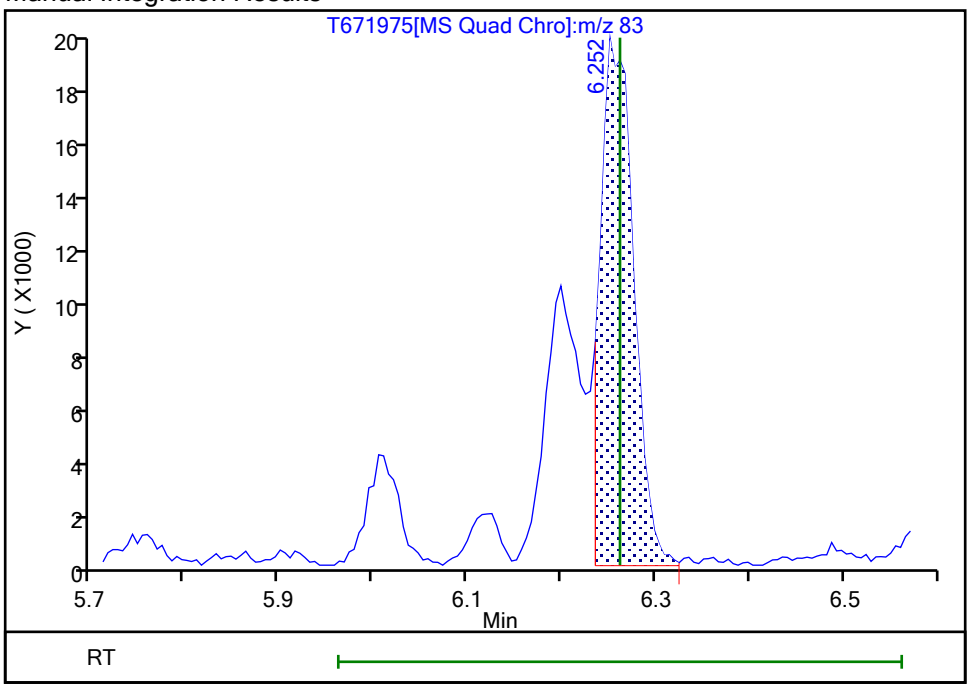
Processing Integration Results

RT: 6.01
Area: 9596
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 47043
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

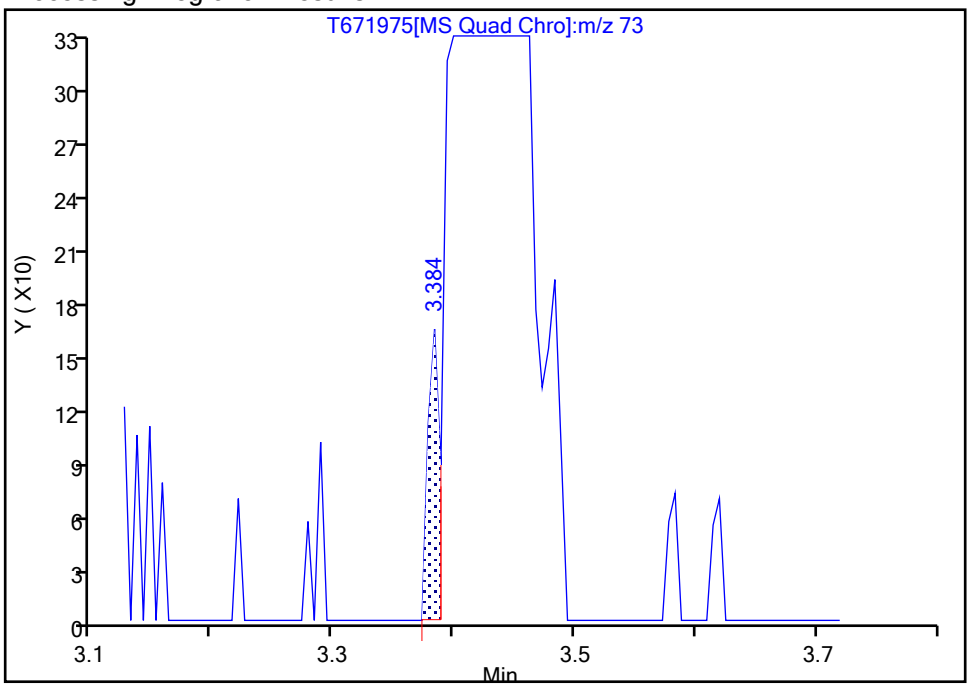
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

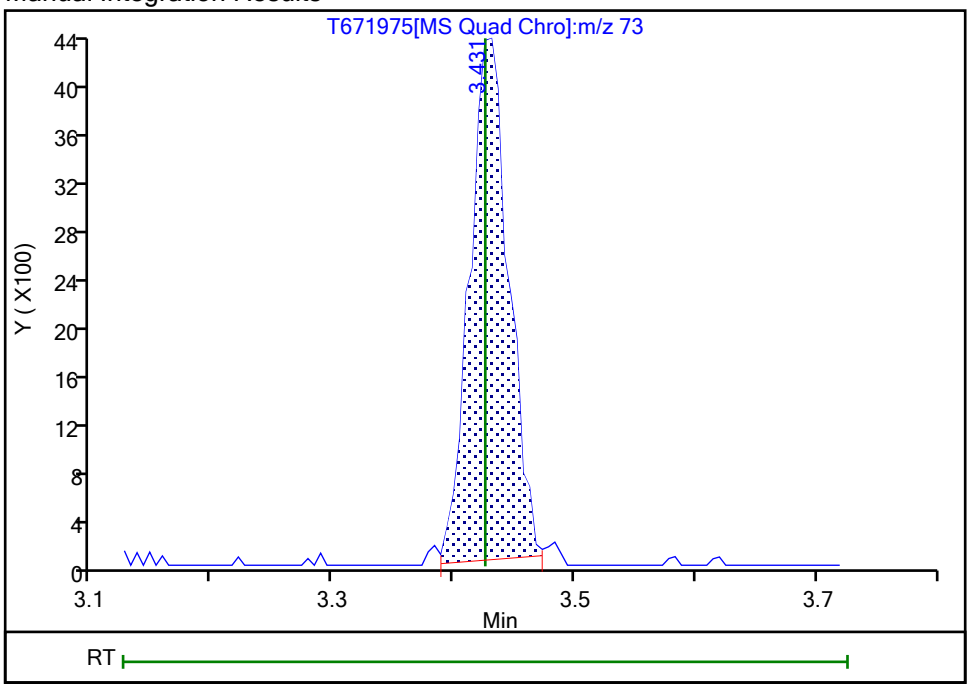
Processing Integration Results

RT: 3.38
Area: 115
Amount: 0.009550
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 9731
Amount: 0.808090
Amount Units: ug/l



Reviewer: XE5L, 09-Nov-2023 10:41:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

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	6.5		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	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	26		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	8.7		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.89	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	70		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.18	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)	91		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Lims ID: 460-292076-C-2
Client ID: NL-MW-Dup_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 18:16:31 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-2
Misc. Info.: 460-0168581-024
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:59 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:05:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.722	0.000	69	1358	0.1825	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	94	43966	1000.0	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	63	10781	0.8941	a
34 trans-1,2-Dichloroethene	96	3.462	3.457	0.005	76	4340	0.9083	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	50	325824	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.485	-0.006	90	14418	2.44	
52 Chloroform	83	4.810	4.805	0.005	84	6320	0.6816	
55 Cyclohexane	84	4.941	4.941	0.000	91	153359	26.4	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	95	188877	41.9	
60 Benzene	78	5.365	5.366	-0.001	95	111157	6.50	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	94	179618	45.4	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	734257	50.0	
67 Trichloroethene	95	6.115	6.115	0.000	94	362354	69.6	
70 Methylcyclohexane	83	6.257	6.262	-0.005	92	54005	8.68	
* 73 1,4-Dioxane-d8	96	6.524	6.535	-0.011	1	38779	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	736391	51.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	568150	50.0	
97 Ethylbenzene	106	10.021	10.016	0.005	97	10689	1.49	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	97	3955	0.4696	
104 Isopropylbenzene	105	11.427	11.432	-0.005	95	309175	15.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	93	256038	50.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	307356	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

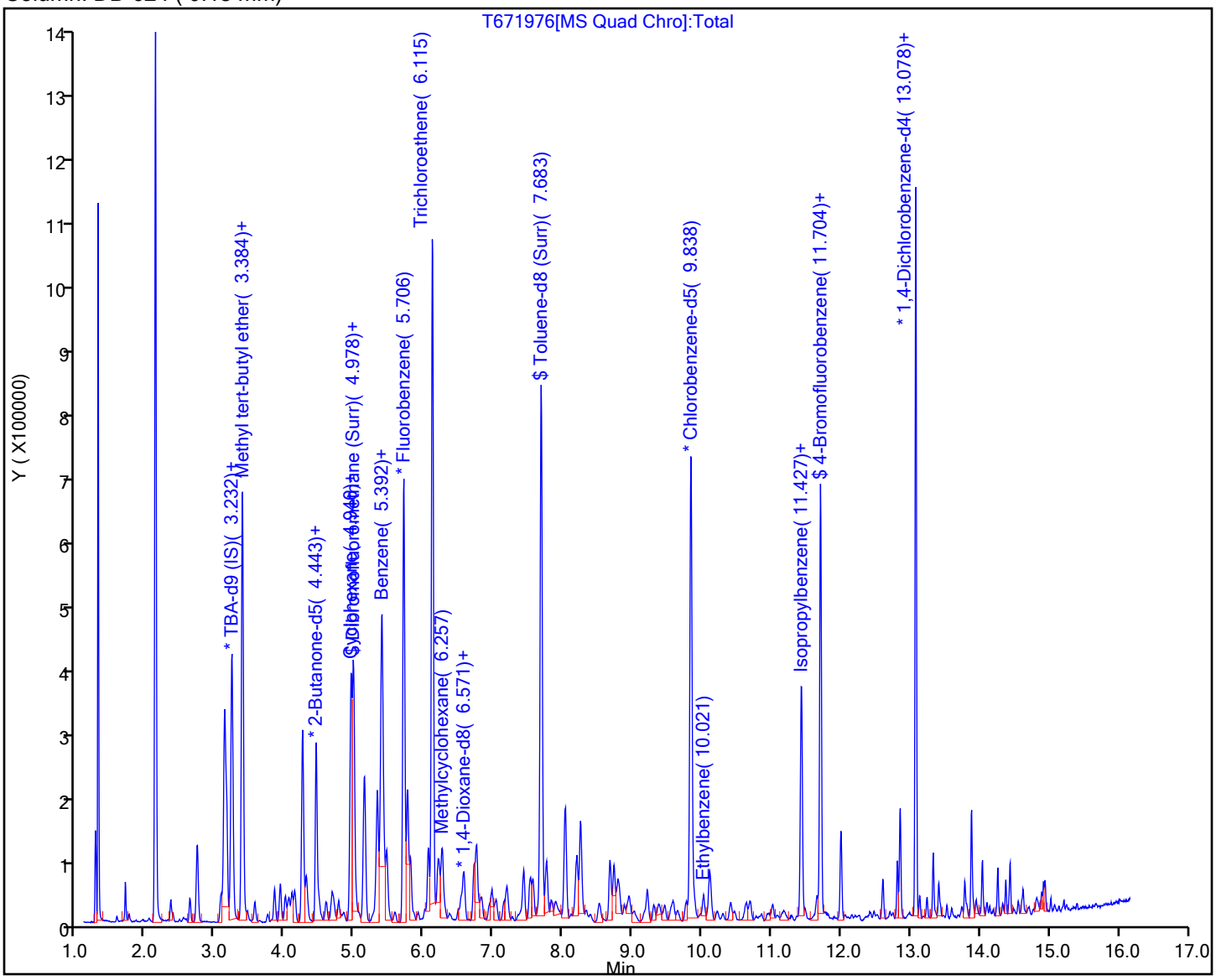
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:42:59 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Injection Date: 08-Nov-2023 18:16:31 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-2 Lab Sample ID: 460-292076-2
Client ID: NL-MW-Dup_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Lims ID: 460-292076-C-2
Client ID: NL-MW-Dup_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 18:16:31 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-2
Misc. Info.: 460-0168581-024
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:59 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:05:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.9	83.77
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.4	90.77
$ 83 Toluene-d8 (Surr)	50.0	51.9	103.77
$ 105 4-Bromofluorobenzene	50.0	50.4	100.84

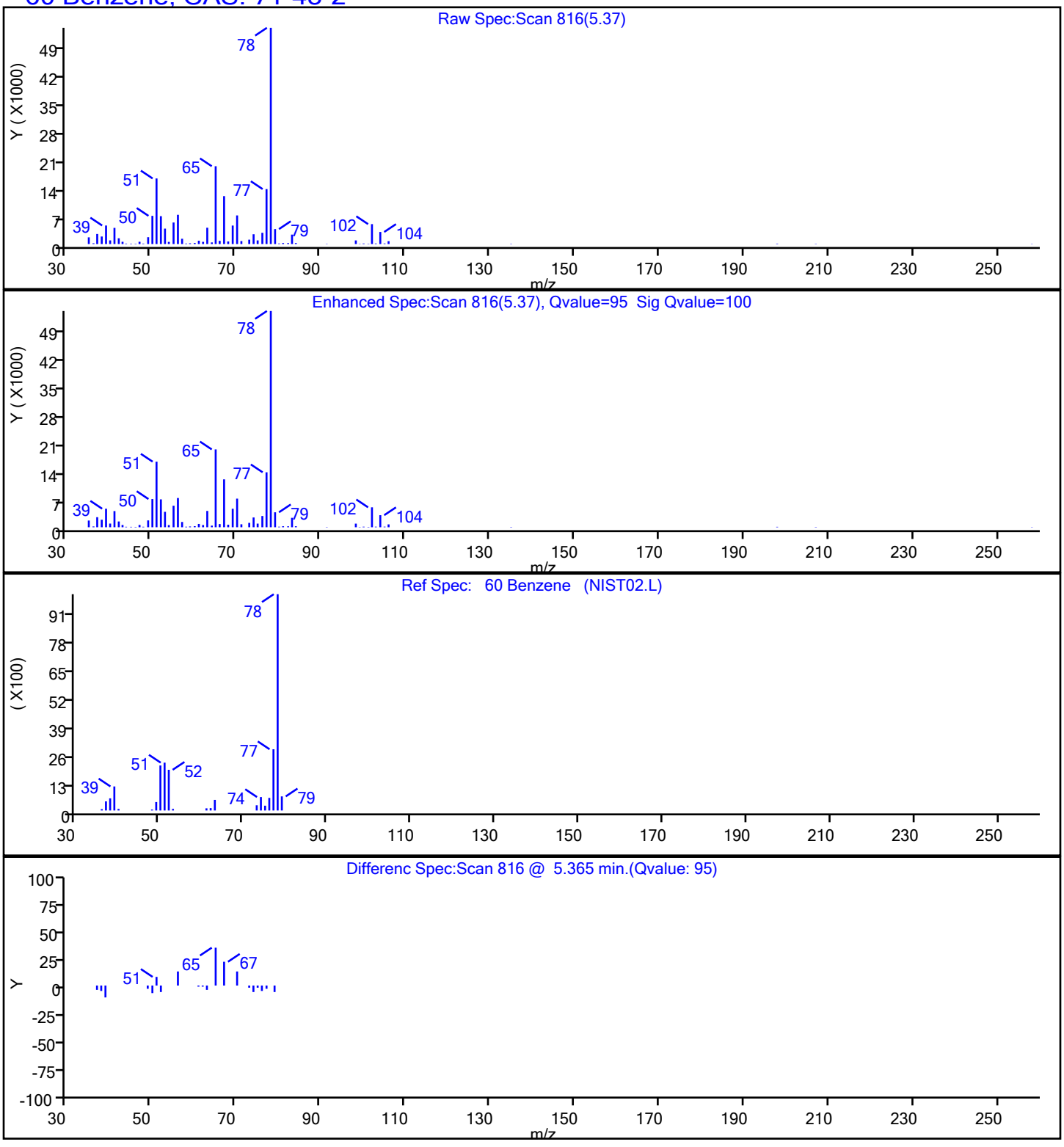
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



11/10/2023
2:16 PM

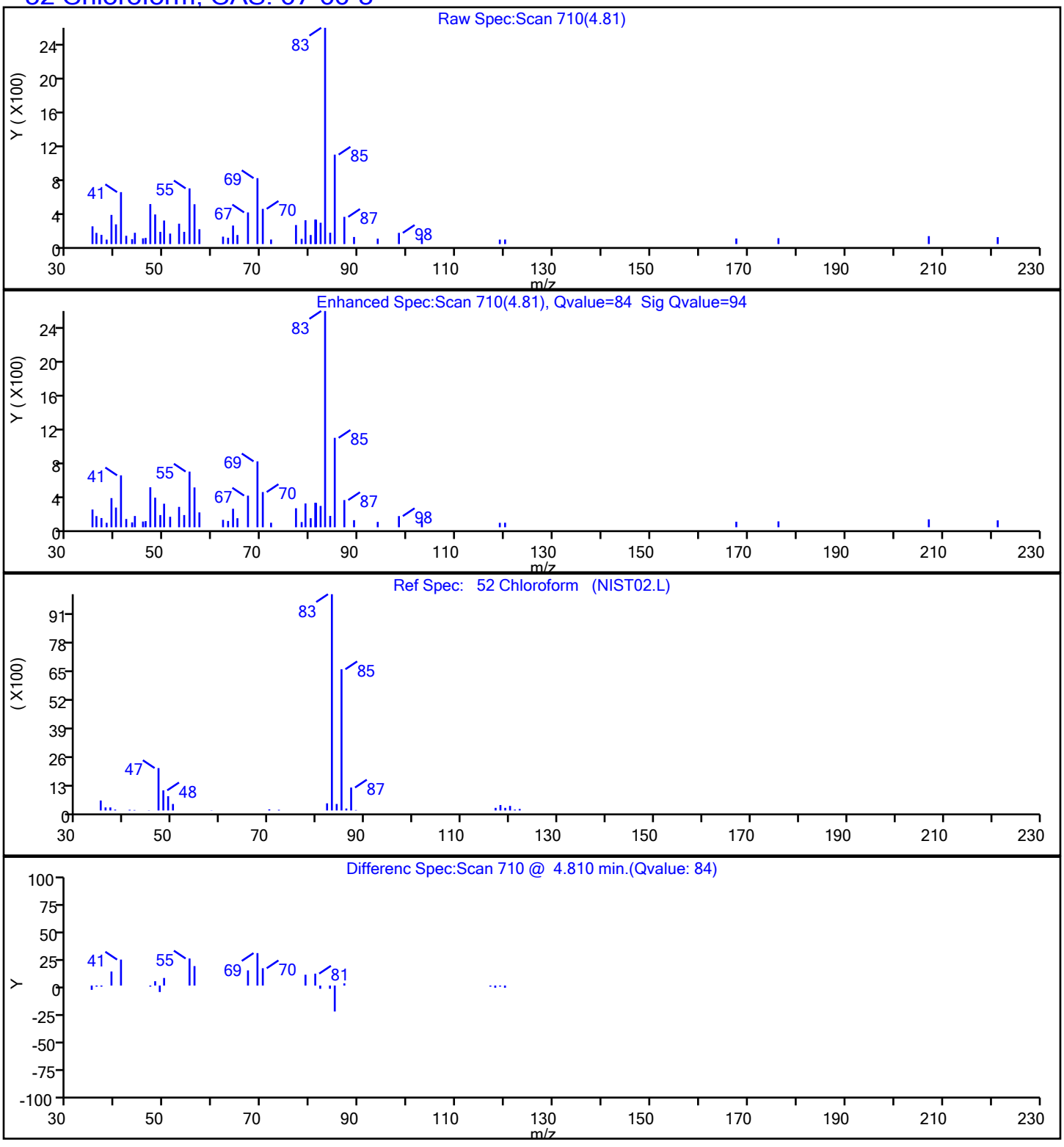
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



11/10/2023
2:16 PM

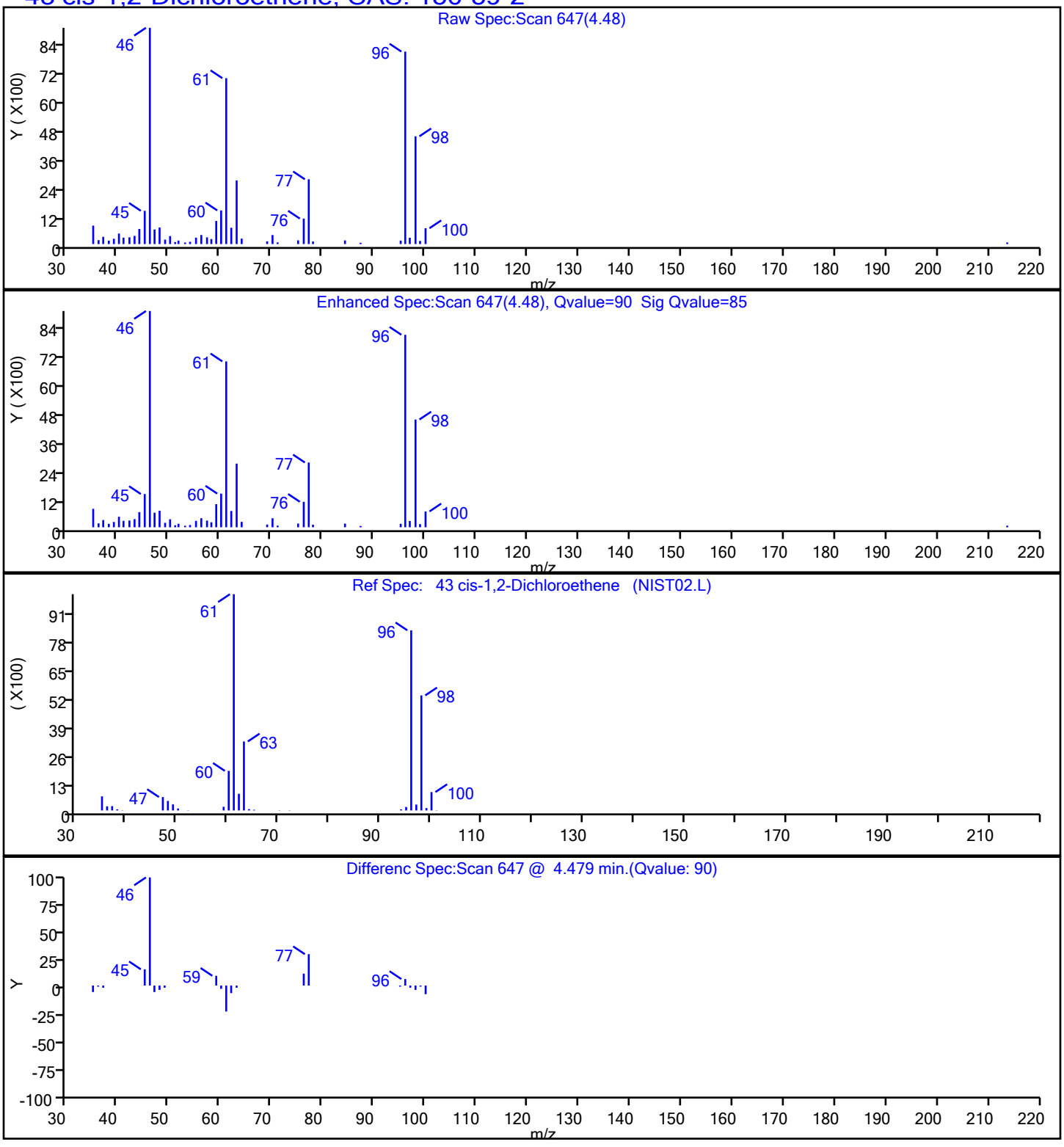
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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



11/10/2023
2:16 PM

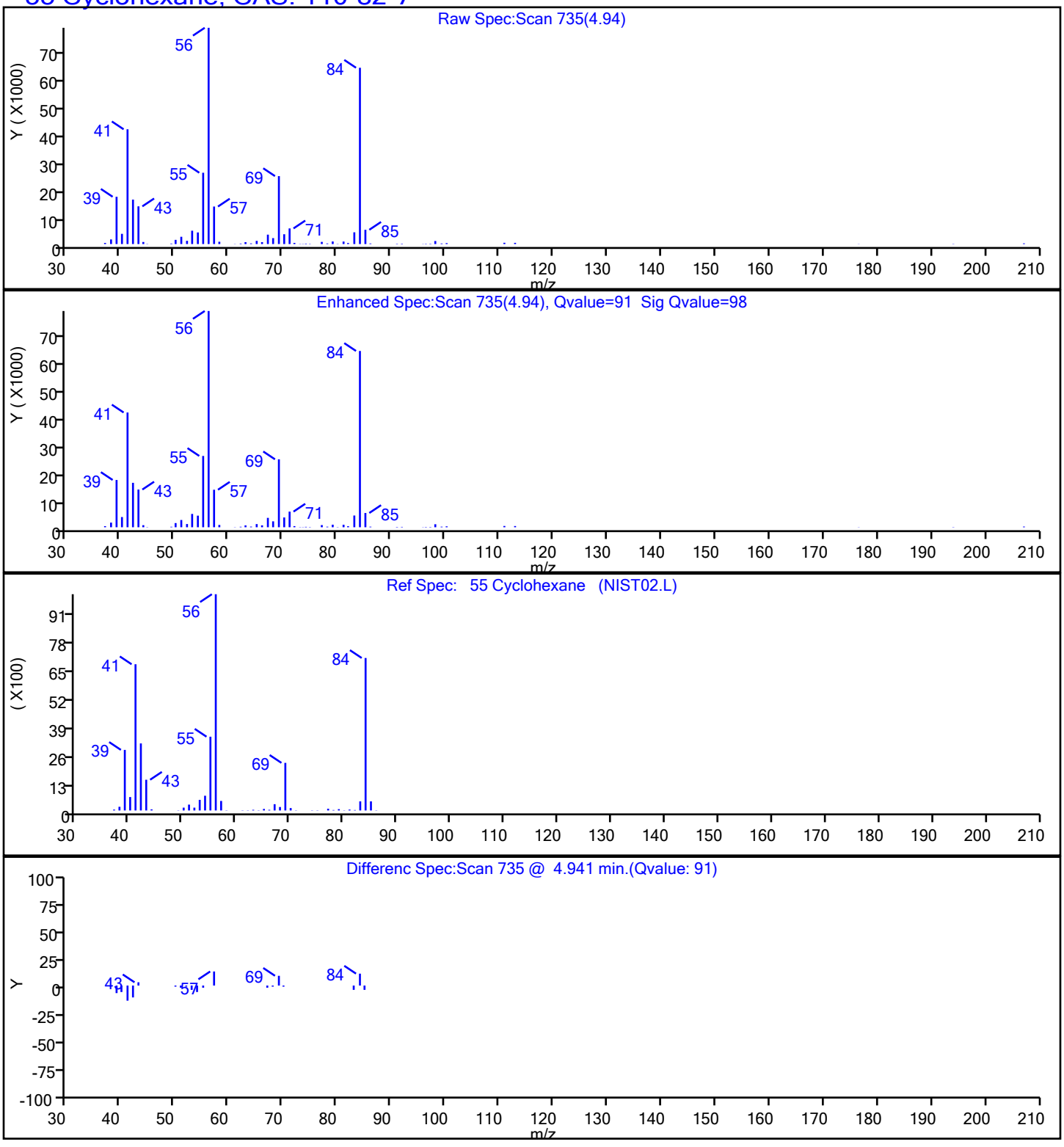
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



11/10/2023
2:16 PM

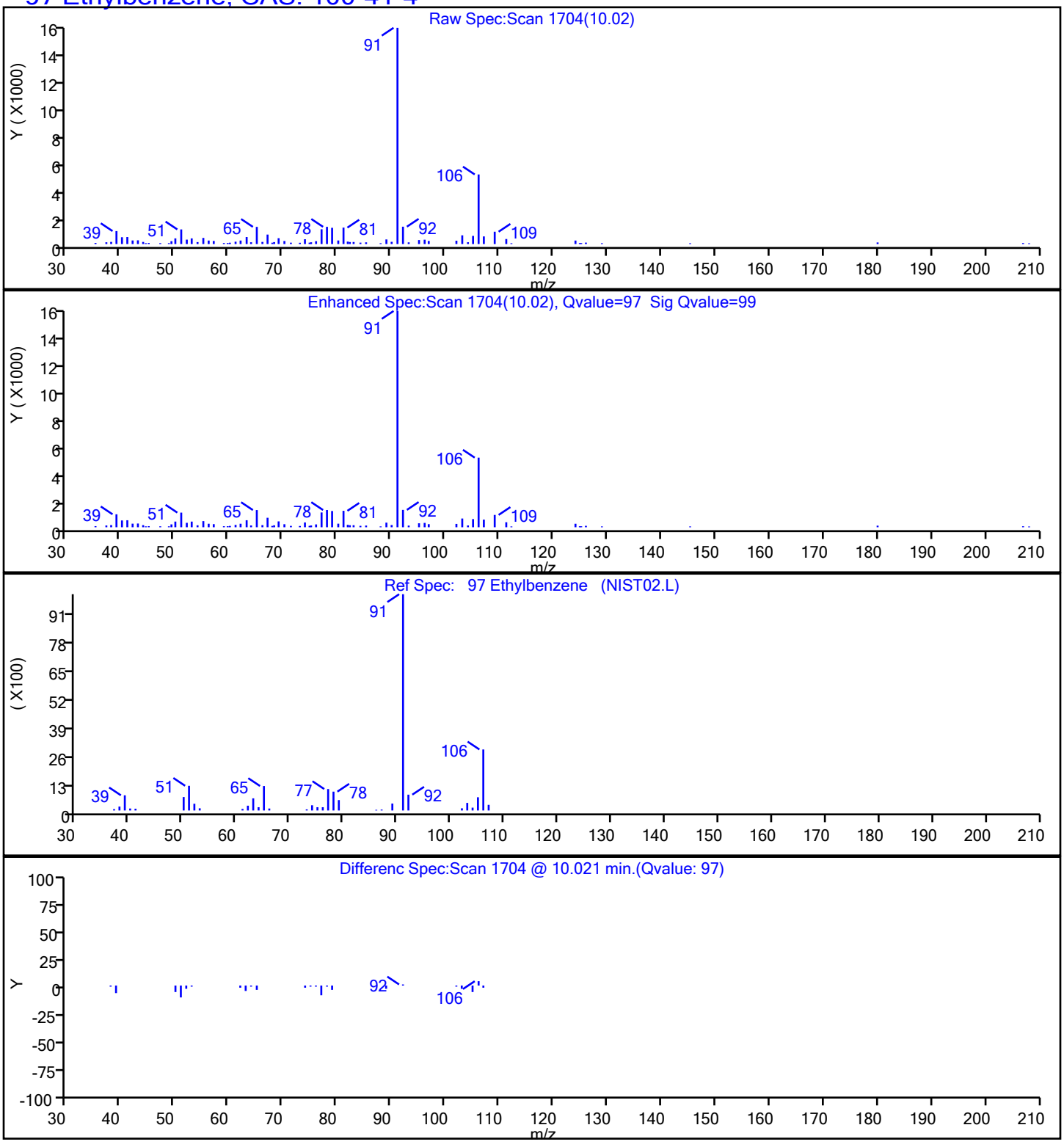
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



11/10/2023
2:16 PM

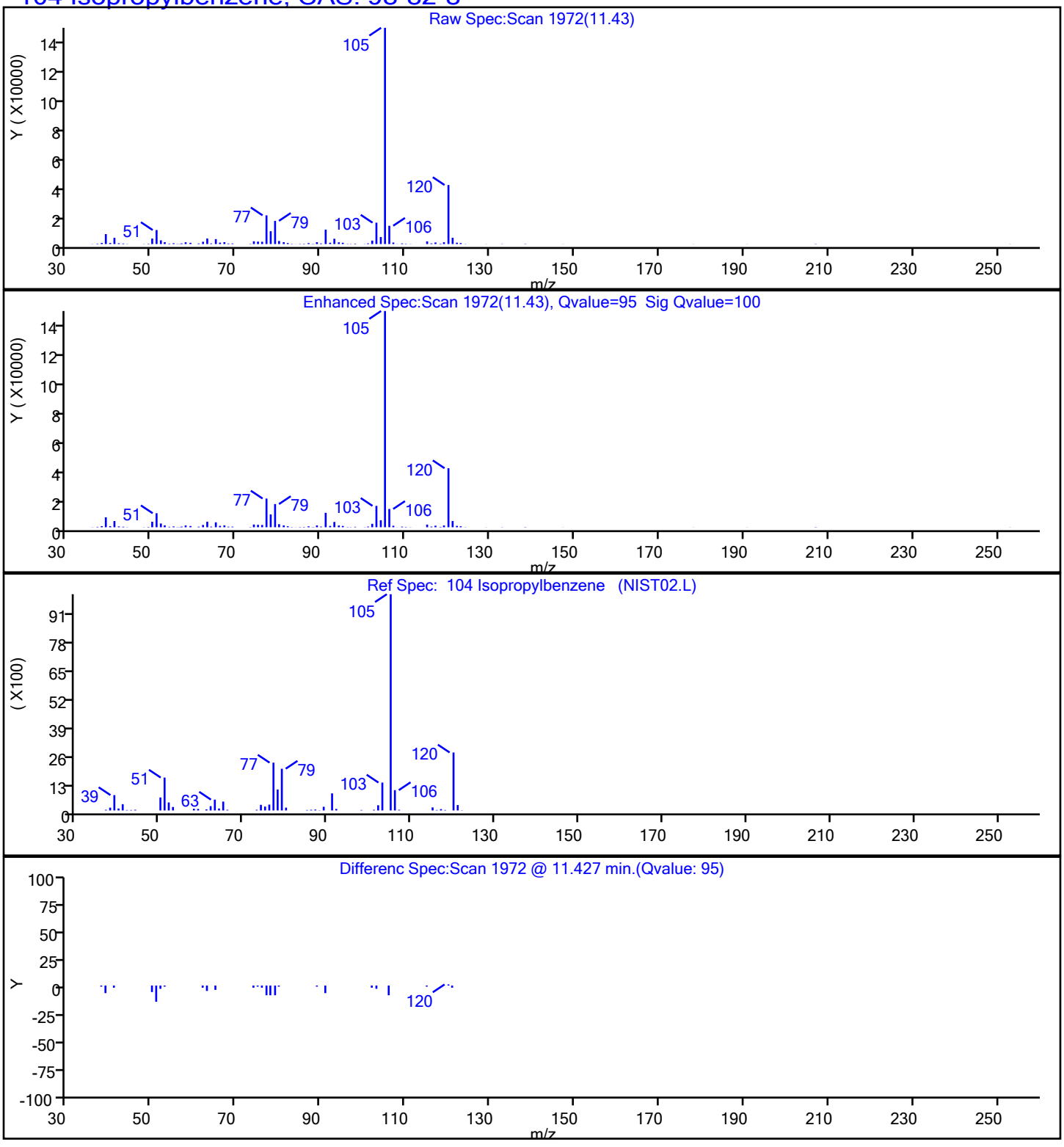
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

104 Isopropylbenzene, CAS: 98-82-8



11/10/2023
2:16 PM

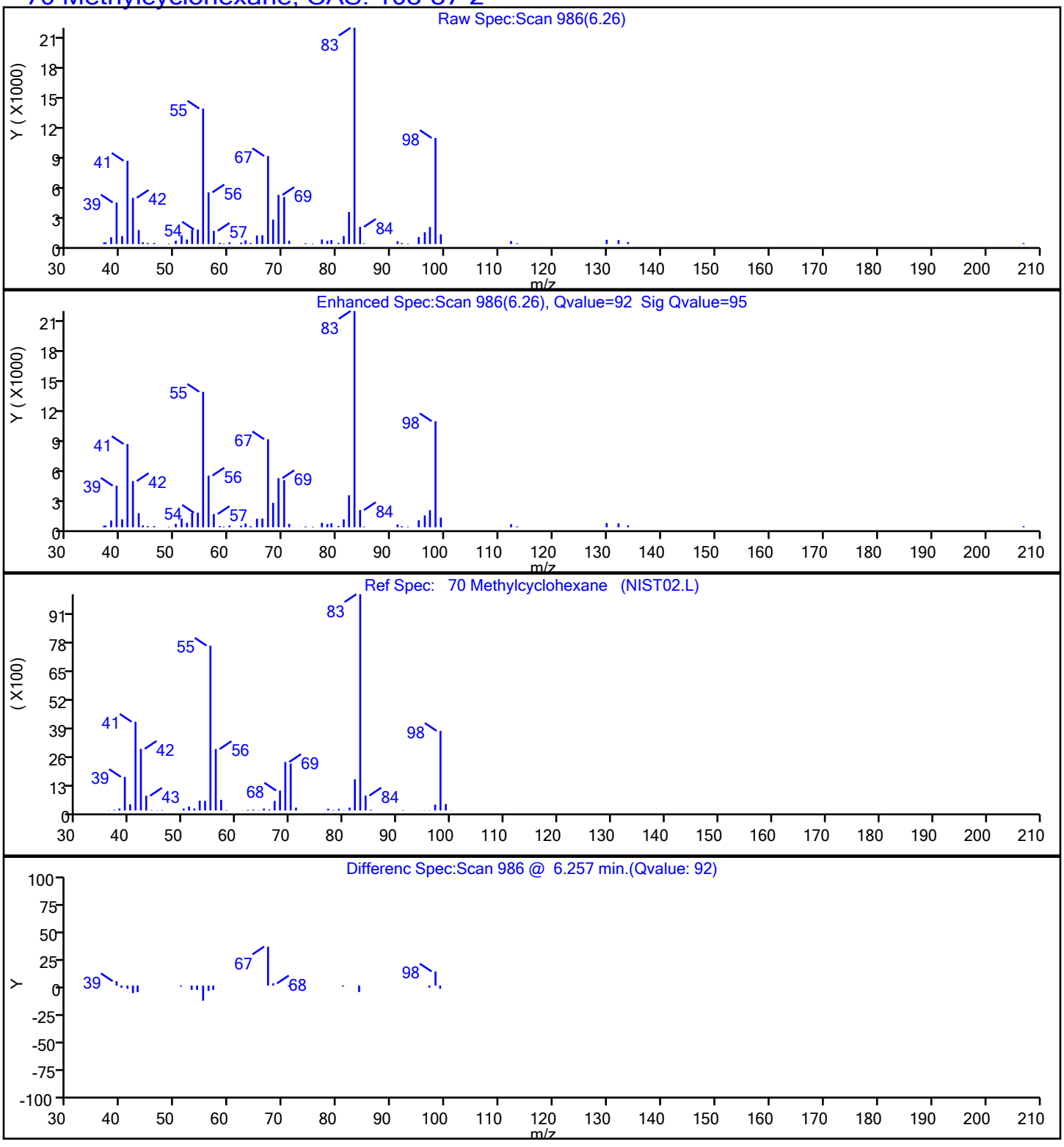
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2



11/10/2023
2:16 PM

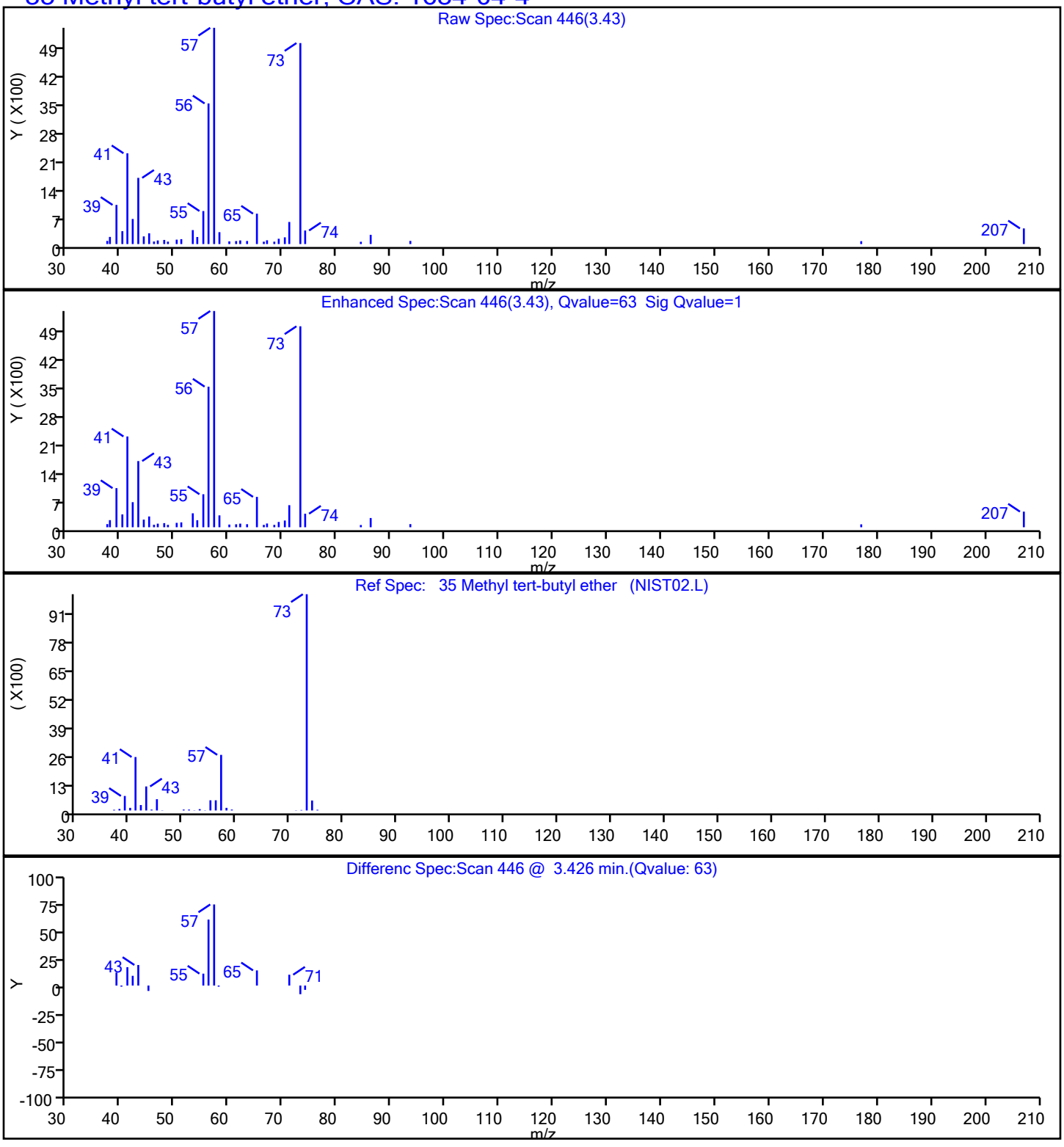
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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

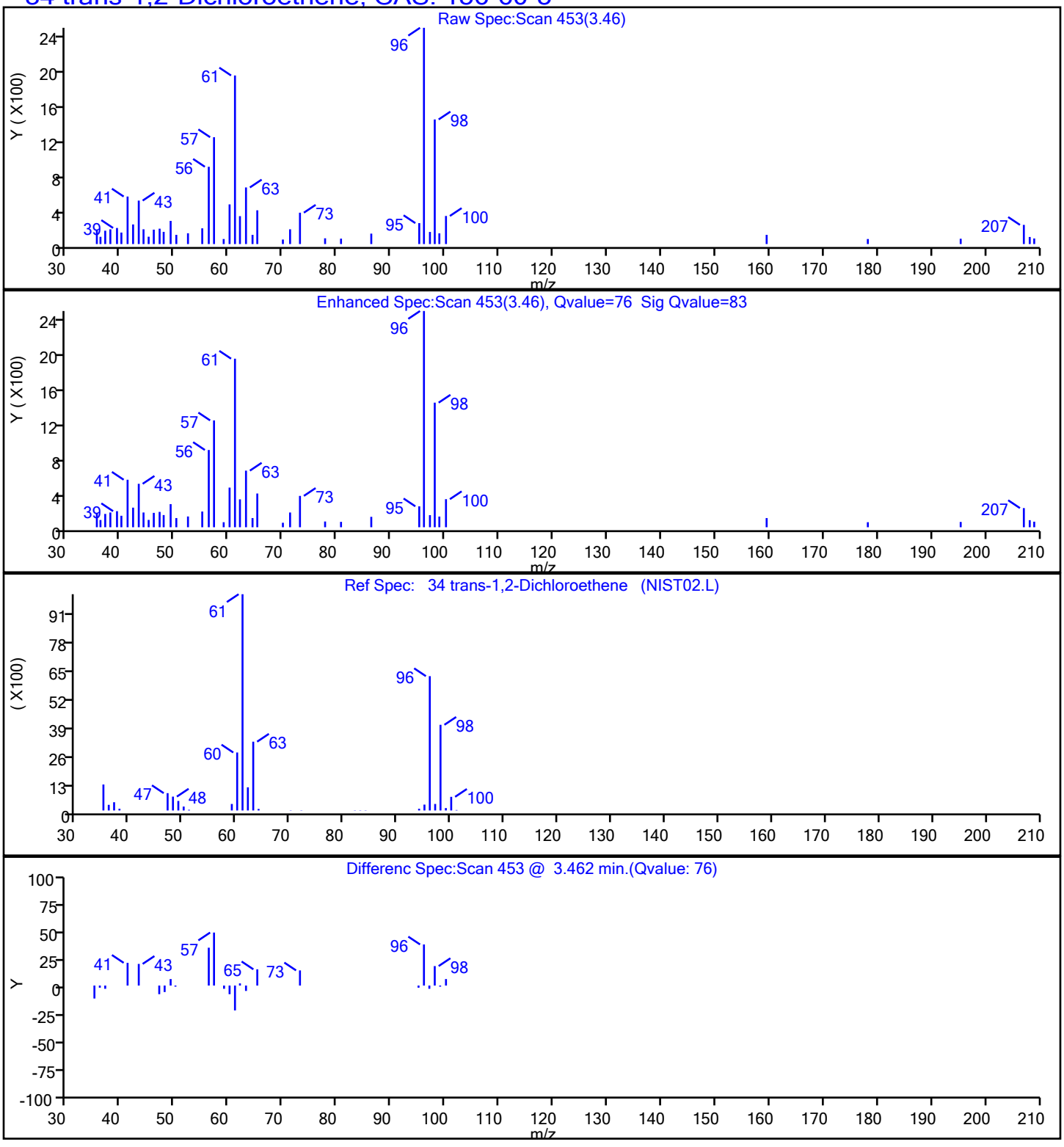


11/10/2023
2:16 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D		
Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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



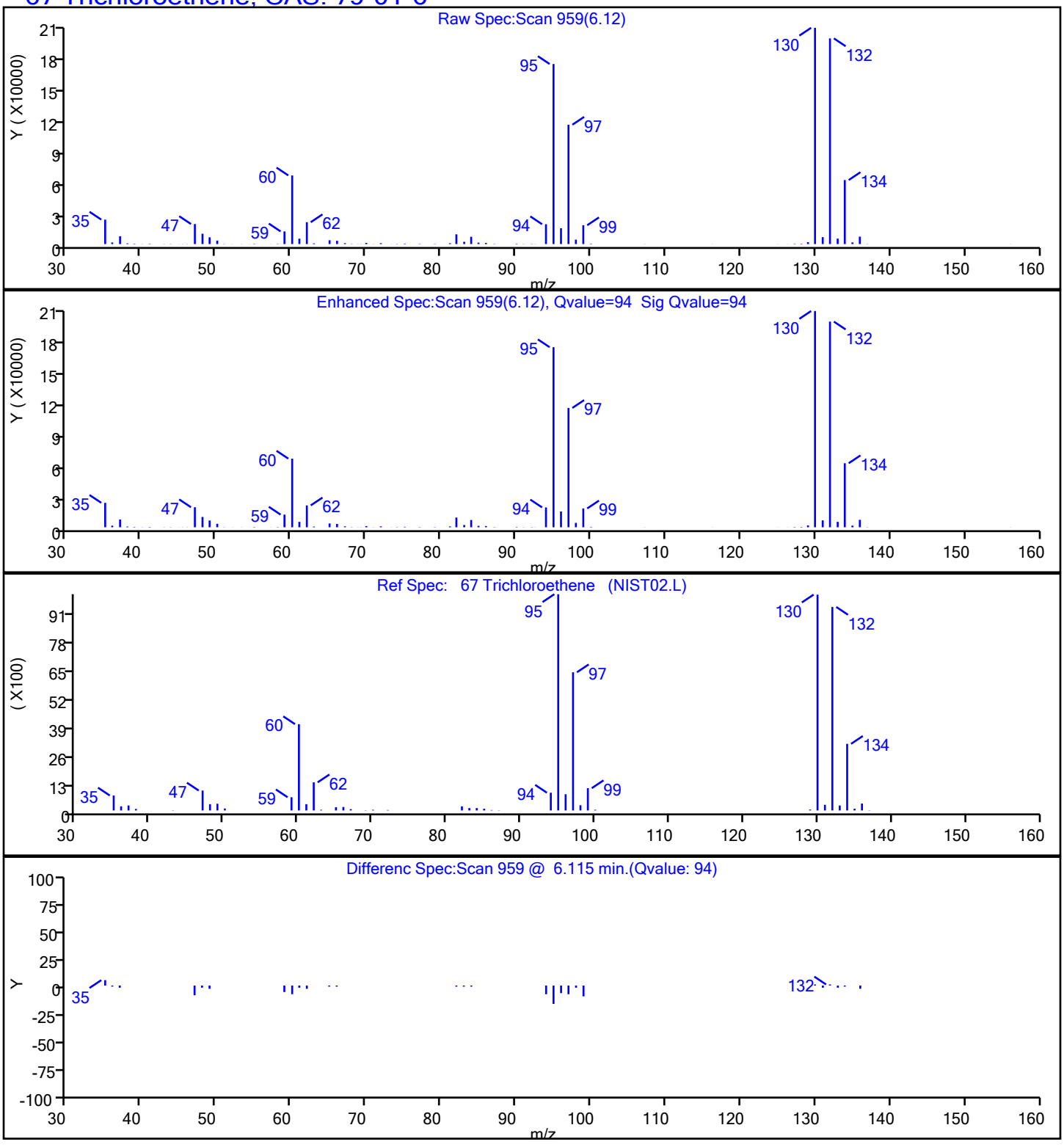
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6

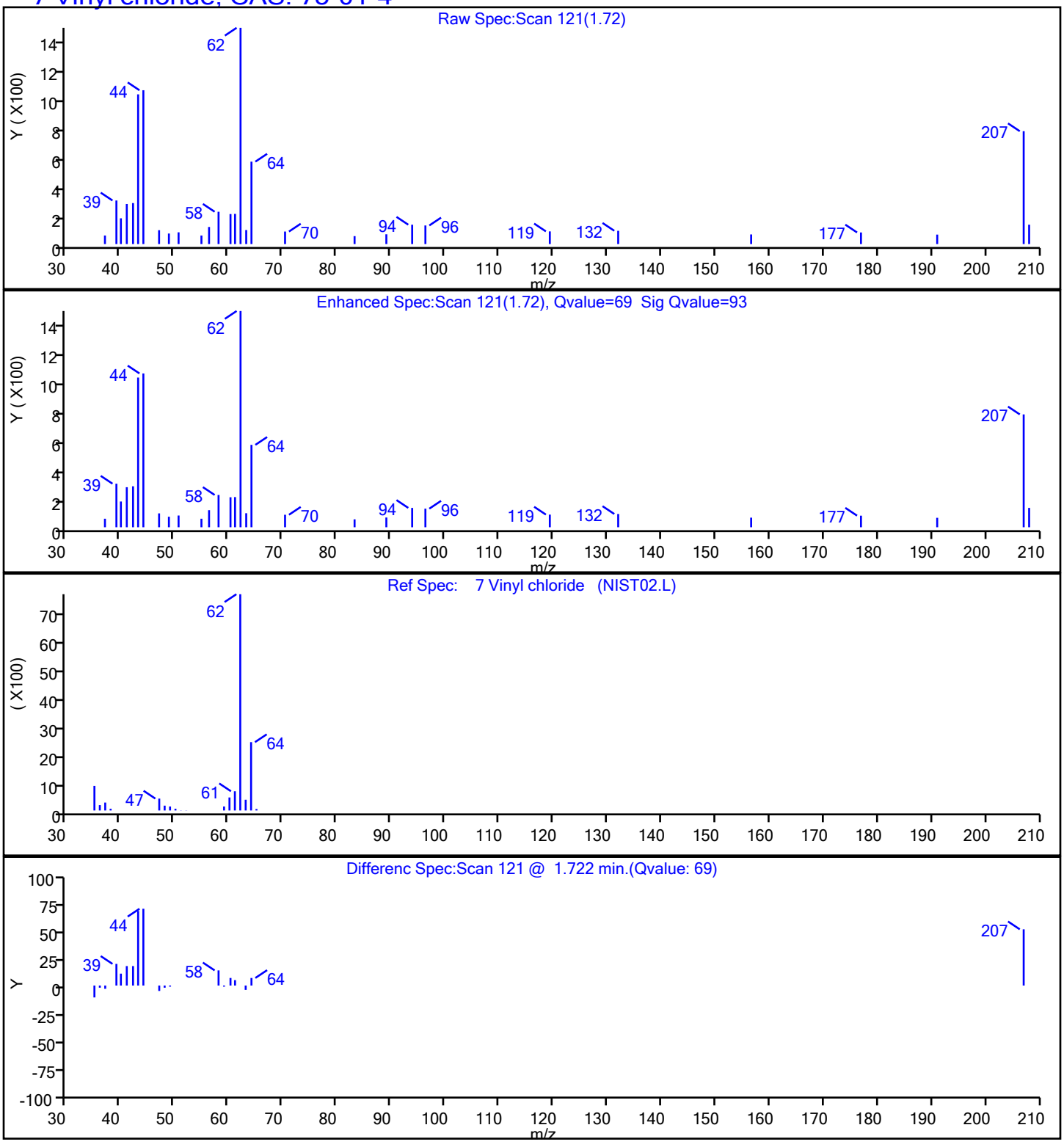


11/10/2023
2:16 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Injection Date: 08-Nov-2023 18:16:31 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-2 Lab Sample ID: 460-292076-2
Client ID: NL-MW-Dup_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



Manual Integration/User Assign Peak Report

Eurofins Edison

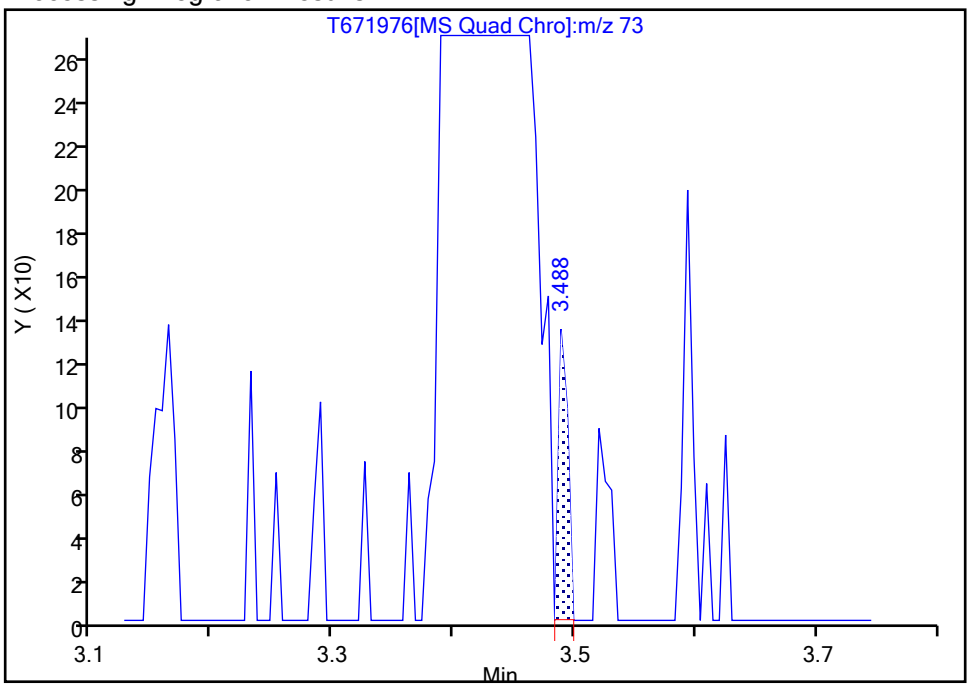
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D				
Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

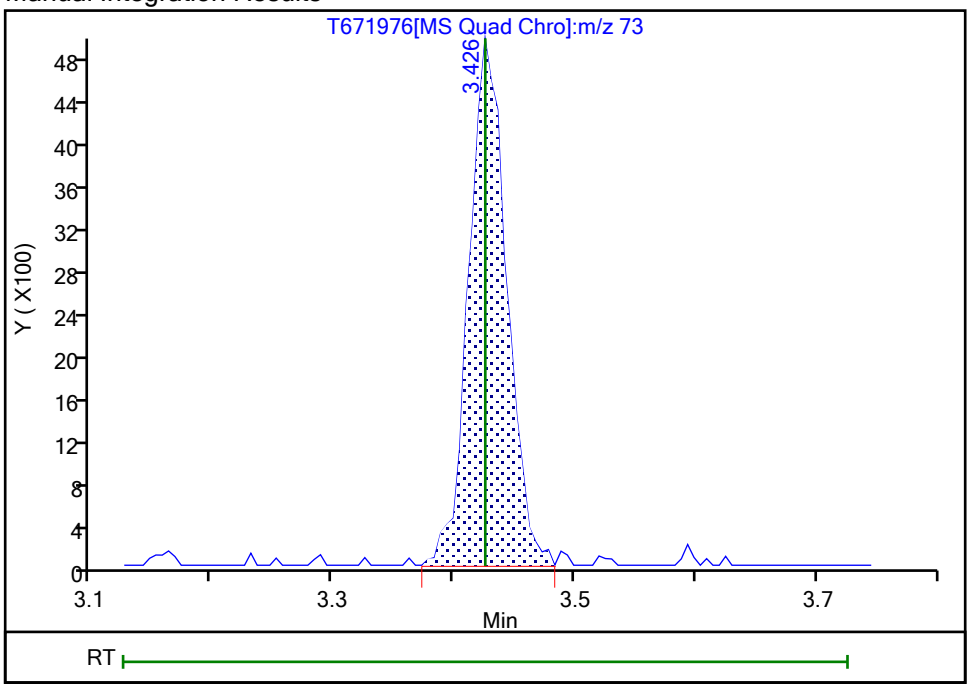
Processing Integration Results

RT: 3.49
Area: 72
Amount: 0.005971
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 10781
Amount: 0.894100
Amount Units: ug/l



Reviewer: XE5L, 09-Nov-2023 10:42:42 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	90		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D
Lims ID: 460-292076-B-3
Client ID: NL-FB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:46:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-3
Misc. Info.: 460-0168581-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	98	34104	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	268339	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	174175	43.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	88	160358	45.1	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	660193	50.0	
* 73 1,4-Dioxane-d8	96	6.524	6.535	-0.011	1	29754	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	660763	52.4	
* 94 Chlorobenzene-d5	117	9.843	9.838	0.005	82	504914	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	94	222968	49.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	265208	50.0	

Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 01:02:17 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D

Injection Date: 08-Nov-2023 16:46:07 Instrument ID: CVOAMS15

Lims ID: 460-292076-B-3 Lab Sample ID: 460-292076-3

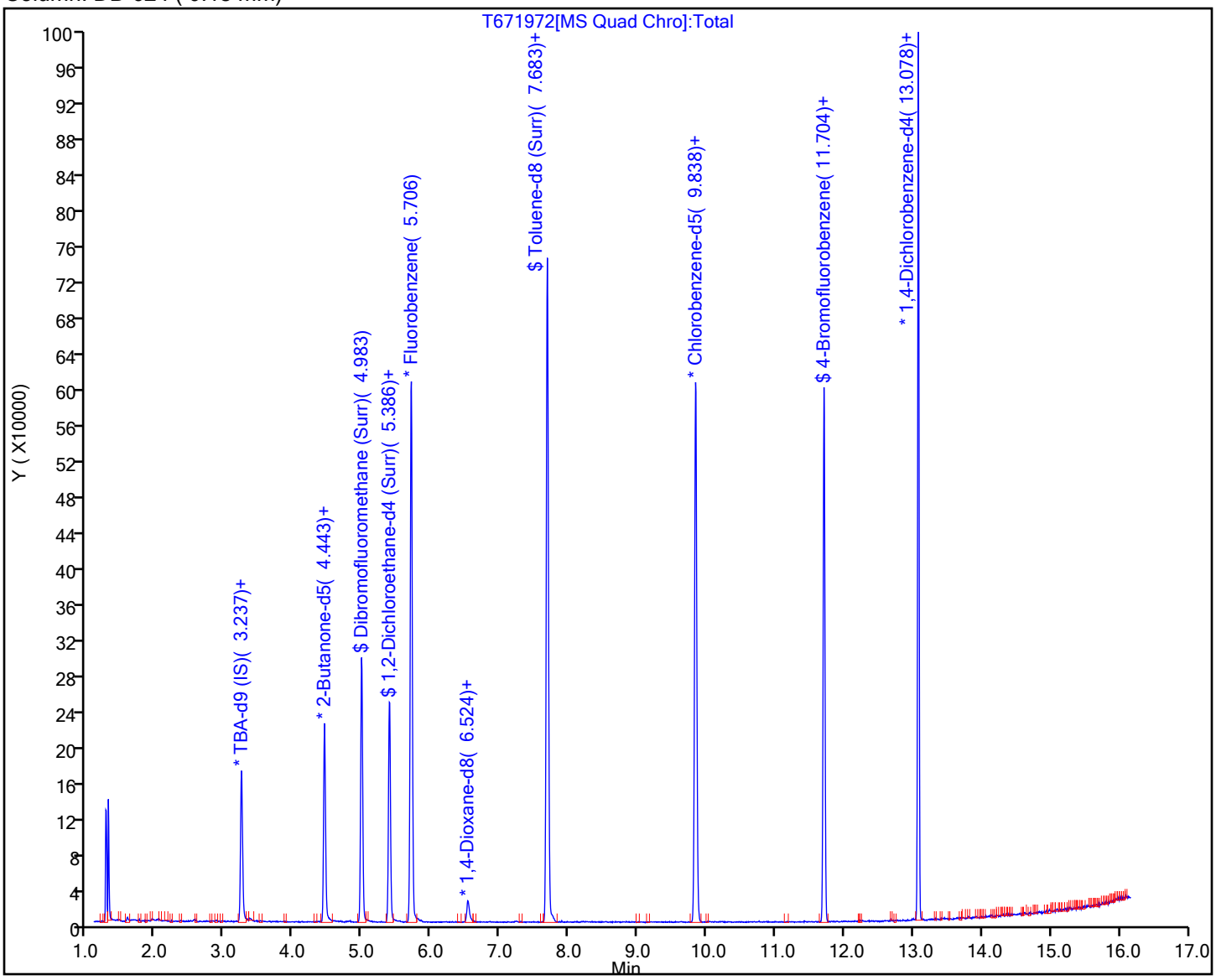
Client ID: NL-FB-01_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D
Lims ID: 460-292076-B-3
Client ID: NL-FB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:46:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-3
Misc. Info.: 460-0168581-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.0	85.91
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.1	90.13
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.78
$ 105 4-Bromofluorobenzene	50.0	49.4	98.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	91		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D
Lims ID: 460-292076-B-4
Client ID: NL-TB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:23:25 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-4
Misc. Info.: 460-0168581-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	97	33327	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	272931	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	179070	43.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	97	164789	45.3	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	675236	50.0	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	30254	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	678422	52.7	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	515399	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	95	228294	49.6	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	93	269823	50.0	

Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 01:02:07 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D

Injection Date: 08-Nov-2023 16:23:25 Instrument ID: CVOAMS15

Lims ID: 460-292076-B-4 Lab Sample ID: 460-292076-4

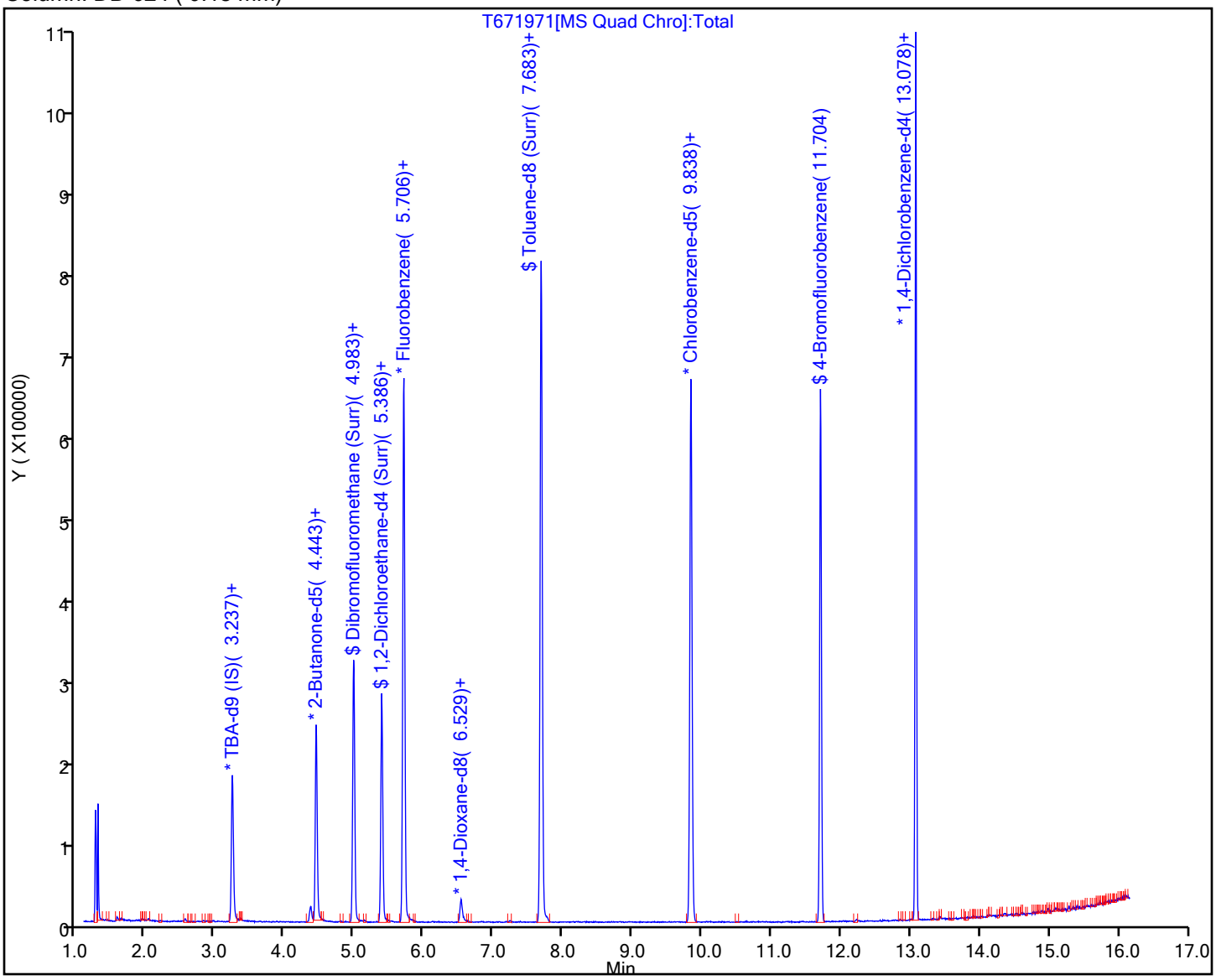
Client ID: NL-TB-01_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D
Lims ID: 460-292076-B-4
Client ID: NL-TB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:23:25 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-4
Misc. Info.: 460-0168581-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.2	86.36
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.55
$ 83 Toluene-d8 (Surr)	50.0	52.7	105.39
$ 105 4-Bromofluorobenzene	50.0	49.6	99.11

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.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 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0753	0.1187 0.0776	0.1287	0.1165	0.1145	QuaF		0.0803	-0.000006						0.9960		0.9900
Dichlorodifluoromethane	+++++ 0.4067	0.3927 0.4468	0.4254	0.3849	0.4048	Ave		0.4102			0.1000	5.5		20.0			
Chlorodifluoromethane	+++++ 0.0489	0.0668 0.0518	0.0691	0.0580	0.0531	Ave		0.0579				14.3		20.0			
Chloromethane	+++++ 0.3597	0.4133 0.4173	0.4469	0.3692	0.3953	Ave		0.4003			0.1000	8.1		20.0			
Vinyl chloride	+++++ 0.4662	0.5129 0.4934	0.5565	0.5002	0.5114	Ave		0.5068			0.1000	5.9		20.0			
Butadiene	0.9317 0.4217	0.5116 0.4480	0.5093	0.4719	0.4834	Lin2	0.1170	0.4514							0.9940		0.9900
Bromomethane	+++++ 0.3122	0.3652 +++++	0.3714	0.3093	0.2235	Ave		0.3164			0.1000	18.8		20.0			
Chloroethane	+++++ 2.5912	2.9333 3.1531	2.8353	2.6578	3.2090	Ave		2.8966			0.1000	8.7		20.0			
Dichlorofluoromethane	+++++ 0.6683	0.6405 0.7720	0.7449	0.6254	0.6856	Ave		0.6895				8.4		20.0			
Trichlorofluoromethane	+++++ 0.5435	0.5654 0.6326	0.5966	0.5547	0.6013	Ave		0.5824			0.1000	5.8		20.0			
Pentane	+++++ 0.0355	0.0403 0.0393	0.0380	0.0354	0.0367	Ave		0.0375				5.3		20.0			
Ethanol	+++++ 0.3867	0.3153 0.4735	0.5379	0.4127	0.4007	Ave		0.4211				18.2		20.0			
Ethyl ether	+++++ 0.2233	0.2912 0.2529	0.2684	0.2086	0.2117	Ave		0.2427				13.8		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2226	0.2129 0.2544	0.2023	0.2072	0.2222	Ave		0.2203				8.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3060	0.3201 0.3264	0.3513	0.3092	0.3188	Ave		0.3220				5.0		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4849	0.5011 0.5236	0.5555	0.4780	0.4996	Ave		0.5071				5.6		20.0			
Freon TF	+++++ 0.3127	0.3129 0.3396	0.3086	0.3164	0.3252	Ave		0.3193			0.1000	3.6		20.0			
Acrolein	+++++ 0.0497	0.0494 0.0546	0.0474	0.0464	0.0457	Ave		0.0489				6.6		20.0			
1,1-Dichloroethene	+++++ 0.2634	0.3137 0.2850	0.2732	0.2546	0.2692	Ave		0.2765			0.1000	7.5		20.0			
Acetone	+++++ 0.8352	0.8707 0.8192	0.9240	0.7252	0.7341	Ave		0.8181			0.0500	9.5		20.0			
Iodomethane	+++++ 0.4434	0.2436 0.4020	0.3264	0.3855	0.4366	Lin2	-0.177	0.4105							0.9940		0.9900
Carbon disulfide	+++++ 0.5707	0.6272 0.6228	0.6183	0.5558	0.5890	Ave		0.5973			0.1000	5.0		20.0			
Isopropyl alcohol	+++++ 4.2638	5.1134 5.0243	5.5273	4.3316	4.4557	Ave		4.7860				10.7		20.0			
3-Chloro-1-propene	+++++ 0.1717	0.1810 0.1740	0.1967	0.1745	0.1812	Ave		0.1798				5.1		20.0			
Methyl acetate	+++++ 0.1804	0.1843 0.2002	0.1980	0.1631	0.1739	Ave		0.1833			0.1000	7.7		20.0			
Cyclopentene	+++++ 0.4858	0.4763 0.5267	0.4606	0.4704	0.4854	Ave		0.4842				4.7		20.0			
Acetonitrile	+++++ 0.3333	0.3239 0.3355	0.3975	0.2993	0.3022	Ave		0.3320				10.7		20.0			
Methylene Chloride	+++++ 0.3425	0.3708 0.3633	0.4100	0.3282	0.3396	Ave		0.3591			0.1000	8.2		20.0			
2-Methyl-2-propanol	+++++ 7.4543	10.321 7.8558	10.587	7.6156	7.7269	Ave		8.5935				16.9		20.0			
MTBE	+++++ 0.8222	0.7232 0.8921	0.9233	0.7580	0.8077	Ave		0.8211			0.1000	9.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3061	0.3545 0.3445	0.3430	0.2969	0.3073	Ave		0.3254			0.1000	7.6		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Acrylonitrile	0.2270 0.1053	0.0917 0.1145	0.1150	0.0937	0.0965	QuaF		0.0984	0.0000032						1.0000		0.9900
Hexane	+++++ 0.2436	0.2483 0.2550	0.2479	0.2479	0.2621	Ave		0.2508				2.6		20.0			
Isopropyl ether	+++++ 0.8392	0.8131 0.9108	0.9292	0.7811	0.8213	Ave		0.8491				6.9		20.0			
1,1-Dichloroethane	+++++ 0.5637	0.5723 0.6014	0.5839	0.5150	0.5424	Ave		0.5631			0.2000	5.5		20.0			
Vinyl acetate	+++++ 0.6359	0.5470 0.6172	0.7552	0.6494	0.6324	Ave		0.6395				10.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2791	0.2634 0.3069	0.2791	0.2623	0.2791	Ave		0.2783				5.8		20.0			
Tert-butyl ethyl ether	+++++ 0.8119	0.6984 0.8679	0.8827	0.7460	0.7917	Ave		0.7998				8.8		20.0			
2,2-Dichloropropane	+++++ 0.1290	0.1587 0.1384	0.1420	0.1220	0.1267	Ave		0.1361				9.8		20.0			
cis-1,2-Dichloroethene	+++++ 0.3972	0.4090 0.4284	0.4300	0.3683	0.3862	Ave		0.4032			0.1000	6.0		20.0			
2-Butanone	+++++ 0.3764	0.3899 0.3759	0.4503	0.3378	0.3416	Ave		0.3787			0.0500	10.8		20.0			
Ethyl acetate	+++++ 0.2944	0.4049 0.3067	0.3685	0.2768	0.2886	Ave		0.3233				15.9		20.0			
Methyl acrylate	+++++ 0.2322	0.2071 0.2418	0.2670	0.2234	0.2273	Ave		0.2331				8.6		20.0			
Propionitrile	+++++ 0.0378	0.0393 0.0405	0.0453	0.0376	0.0379	Ave		0.0397				7.4		20.0			
Chlorobromomethane	+++++ 0.2011	0.1959 0.2095	0.2449	0.1926	0.1957	Ave		0.2066				9.5		20.0			
Tetrahydrofuran	+++++ 0.3761	0.6303 0.3735	0.4986	0.3744	0.3693	Lin2	0.5204	0.3817							0.9920		0.9900
Methacrylonitrile	+++++ 0.1365	0.1116 0.1515	0.1405	0.1160	0.1240	Ave		0.1300				11.8		20.0			
Chloroform	+++++ 0.6329	0.6044 0.6800	0.6886	0.5781	0.6045	Ave		0.6314			0.2000	7.1		20.0			
Cyclohexane	+++++ 0.3858	0.3993 0.4196	0.3862	0.3767	0.4015	Ave		0.3948			0.1000	3.9		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.5152	0.5144 0.5544	0.5458	0.4883	0.5228	Ave		0.5235			0.1000	4.6		20.0			
Carbon tetrachloride	+++++ 0.4651	0.4727 0.5012	0.4723	0.4566	0.4720	Ave		0.4733			0.1000	3.2		20.0			
1,1-Dichloropropene	+++++ 0.4098	0.4042 0.4359	0.4164	0.3926	0.4112	Ave		0.4117				3.5		20.0			
Isobutyl alcohol	+++++ 4.2324	4.5757 4.9266	4.8485	4.0935	4.1282	Ave		4.4675				8.2		20.0			
Isooctane	+++++ 0.6465	0.5947 0.6863	0.6331	0.5930	0.6383	Ave		0.6320				5.5		20.0			
Benzene	+++++ 1.4786	1.5066 1.4782	1.6370	1.4474	1.4846	Ave		1.5054			0.5000	4.5		20.0			
Tert-amyl methyl ether	+++++ 0.8626	0.7109 0.9234	0.9354	0.7642	0.8289	Ave		0.8376				10.6		20.0			
Isopropyl acetate	+++++ 0.1485	0.1412 0.1602	0.1725	0.1358	0.1388	Ave		0.1495				9.5		20.0			
1,2-Dichloroethane	+++++ 0.3628	0.4258 0.3821	0.4078	0.3393	0.3468	Ave		0.3774			0.1000	9.1		20.0			
n-Heptane	+++++ 0.2034	0.1931 0.2095	0.2083	0.2042	0.2062	Ave		0.2041				2.9		20.0			
n-Butanol	+++++ 1.9787	2.1577 2.3664	2.2732	1.8674	1.9681	Ave		2.1019				9.3		20.0			
Trichloroethene	+++++ 0.3541	0.3427 0.3880	0.3666	0.3279	0.3494	Ave		0.3548			0.2000	5.8		20.0			
Methylcyclohexane	+++++ 0.4203	0.4314 0.4459	0.4077	0.4080	0.4287	Ave		0.4237			0.1000	3.5		20.0			
Ethyl acrylate	+++++ 0.5971	0.5486 0.6418	0.6125	0.5524	0.5846	Ave		0.5895				6.1		20.0			
1,2-Dichloropropane	+++++ 0.3319	0.3286 0.3483	0.3626	0.3062	0.3279	Ave		0.3343			0.1000	5.8		20.0			
Methyl methacrylate	+++++ 0.0811	0.0813 0.0866	0.0908	0.0765	0.0758	Ave		0.0820				7.1		20.0			
1,4-Dioxane	+++++ 1.5303	1.2277 1.6038	1.4960	1.2843	1.2119	Ave		1.3923				12.3		20.0			
Dibromomethane	+++++ 0.2278	0.2365 0.2332	0.2703	0.2142	0.2212	Ave		0.2339				8.4		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3298	0.2815 0.3505	0.3584	0.2999	0.3203	Ave		0.3234				9.1		20.0			
Bromodichloromethane	+++++ 0.4722	0.4621 0.4968	0.5182	0.4304	0.4565	Ave		0.4727			0.2000	6.6		20.0			
2-Nitropropane	+++++ 0.0588	0.0544 0.0636	0.0735	0.0556	0.0566	Ave		0.0604				11.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0402	0.0404 0.0416	0.0453	0.0410	0.0406	Ave		0.0415				4.6		20.0			
Epichlorohydrin	0.5819 0.2699	0.2796 0.2670	0.3244	0.2608	0.2657	QuaF		0.2709	0						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.6598	0.6590 0.6505	0.7502	0.6367	0.6664	Ave		0.6704			0.2000	6.0		20.0			
4-Methyl-2-pentanone	+++++ 2.3380	2.1233 2.2708	2.6279	2.1673	2.2738	Ave		2.3002			0.0500	7.8		20.0			
Toluene	+++++ 1.6795	1.8201 1.6607	1.8526	1.6250	1.6789	Ave		1.7195			0.4000	5.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5864	0.5260 0.5781	0.6698	0.5530	0.5767	Ave		0.5817			0.1000	8.3		20.0			
Ethyl methacrylate	+++++ 0.4127	0.4018 0.4084	0.4656	0.3953	0.4086	Ave		0.4154				6.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3136	0.2889 0.3053	0.3822	0.3087	0.3125	Ave		0.3185			0.1000	10.2		20.0			
Tetrachloroethene	+++++ 0.4805	0.4918 0.4835	0.5245	0.4780	0.4923	Ave		0.4918			0.2000	3.5		20.0			
1,3-Dichloropropane	+++++ 0.5707	0.5767 0.5476	0.6859	0.5607	0.5755	Ave		0.5862				8.5		20.0			
2-Hexanone	+++++ 1.6117	1.5855 1.5691	1.8618	1.4812	1.5321	Ave		1.6069			0.0500	8.3		20.0			
n-Butyl acetate	+++++ 0.3975	0.4563 0.3971	0.4753	0.3932	0.4053	Ave		0.4208				8.5		20.0			
Dibromochloromethane	+++++ 0.4724	0.4274 0.4663	0.5226	0.4513	0.4742	Ave		0.4690			0.1000	6.7		20.0			
1,2-Dibromoethane	+++++ 0.3789	0.3862 0.3628	0.4595	0.3802	0.3827	Ave		0.3917			0.1000	8.7		20.0			
Chlorobenzene	+++++ 1.1710	1.1067 1.1642	1.3427	1.1303	1.1644	Ave		1.1799			0.5000	7.1		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6266	0.6206 0.6599	0.6848	0.5907	0.6098	Ave		0.6321			0.1000	5.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4679	0.4599 0.4769	0.5192	0.4422	0.4603	Ave		0.4711				5.6		20.0			
m-Xylene & p-Xylene	+++++ 0.7212	0.7351 0.7387	0.8141	0.7035	0.7349	Ave		0.7412			0.1000	5.1		20.0			
o-Xylene	+++++ 0.7417	0.7213 0.7815	0.8210	0.6976	0.7299	Ave		0.7488			0.3000	6.0		20.0			
n-Butyl acrylate	+++++ 0.2796	0.2667 0.2885	0.3032	0.2587	0.2674	Ave		0.2773				5.9		20.0			
Styrene	+++++ 1.2667	1.0839 1.2550	1.3689	1.1868	1.2297	Ave		1.2318			0.3000	7.7		20.0			
Bromoform	+++++ 0.3300	0.3194 0.3367	0.3622	0.3055	0.3208	Ave		0.3291			0.1000	5.9		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8315	0.8343 0.8942	0.9761	0.8268	0.8502	Ave		0.8688				6.7		20.0			
Isopropylbenzene	+++++ 1.8191	1.7189 1.7947	1.9772	1.7591	1.8325	Ave		1.8169			0.1000	4.9		20.0			
Bromobenzene	+++++ 0.9884	0.9081 1.0745	1.1105	0.9387	0.9790	Ave		0.9999				7.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7852	0.7827 0.8483	0.9062	0.7657	0.7760	Ave		0.8107			0.3000	6.8		20.0			
N-Propylbenzene	+++++ 3.9377	3.7597 4.0307	4.2599	3.7989	3.9808	Ave		3.9613				4.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2377	0.2826 0.2538	0.2909	0.2395	0.2371	Ave		0.2569				9.4		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1638	0.1633 0.1779	0.1804	0.1527	0.1556	Ave		0.1656				6.9		20.0			
2-Chlorotoluene	+++++ 2.5901	2.3777 2.8034	2.8634	2.4382	2.5471	Ave		2.6033				7.5		20.0			
4-Ethyltoluene	+++++ 3.2549	3.0568 3.4259	3.5628	3.1645	3.2904	Ave		3.2926				5.5		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6936	2.3728 2.8537	2.9252	2.5150	2.6473	Ave		2.6679				7.7		20.0			
4-Chlorotoluene	+++++ 2.6110	2.4046 2.7754	2.8785	2.4646	2.5738	Ave		2.6180				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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8855	0.7591 0.9640	0.9084	0.7888	0.8658	Ave		0.8619				8.8		20.0			
tert-Butylbenzene	+++++ 2.3175	2.1621 2.5113	2.4399	2.1795	2.2746	Ave		2.3141				6.0		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8507	2.6016 2.9765	2.9989	2.6091	2.7426	Ave		2.7965				6.2		20.0			
sec-Butylbenzene	+++++ 3.3549	2.9727 3.4215	3.4195	3.1300	3.2878	Ave		3.2644				5.5		20.0			
1,3-Dichlorobenzene	+++++ 1.8188	1.5606 2.0032	1.8333	1.5968	1.6959	Ave		1.7514			0.6000	9.5		20.0			
4-Isopropyltoluene	+++++ 2.9558	2.5047 3.1013	2.9168	2.6333	2.8148	Ave		2.8211				7.8		20.0			
1,4-Dichlorobenzene	+++++ 1.8012	1.5219 1.9317	1.9579	1.6195	1.7148	Ave		1.7578			0.5000	9.8		20.0			
1,2,3-Trimethylbenzene	+++++ 2.7514	2.5367 2.8706	3.0130	2.6122	2.7352	Ave		2.7532				6.3		20.0			
Benzyl chloride	+++++ 1.5506	1.2933 1.6510	1.6982	1.4773	1.5619	Ave		1.5387				9.3		20.0			
Indan	+++++ 2.8101	2.4087 2.8917	3.0047	2.5368	2.7170	Ave		2.7282				8.2		20.0			
p-Diethylbenzene	+++++ 1.7549	1.4376 1.9319	1.7162	1.5418	1.6441	Ave		1.6711				10.3		20.0			
n-Butylbenzene	+++++ 1.4066	1.2391 1.5264	1.3771	1.2471	1.3459	Ave		1.3570				7.9		20.0			
1,2-Dichlorobenzene	+++++ 1.6056	1.3404 1.6899	1.7093	1.4342	1.4876	Ave		1.5445			0.4000	9.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3446	1.8878 2.5398	2.3266	2.0240	2.2027	Ave		2.2209				10.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1771	0.1670 0.1899	0.1999	0.1607	0.1723	Ave		0.1778			0.0500	8.3		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0084	0.9100 1.1410	1.0508	0.9093	0.9986	Ave		1.0030				8.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8077	0.6766 0.9122	0.7795	0.6928	0.7594	Ave		0.7713			0.2000	11.1		20.0			
Hexachlorobutadiene	+++++ 0.3916	0.3857 0.4232	0.3876	0.3406	0.3686	Ave		0.3829				7.1		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.6530	1.1525 1.7770	1.5912	1.4127	1.5371	Ave		1.5206				14.3		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5875	0.4430 0.6461	0.6007	0.5033	0.5425	Ave		0.5538				13.2		20.0			
Dibromofluoromethane (Surr)	0.3112 0.3051	0.3096 0.3134	0.3039	0.3021	0.3043	Ave		0.3071				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2769 0.2571	0.2733 0.2673	0.2718	0.2757	0.2644	Ave		0.2695				2.6		20.0			
Toluene-d8 (Surr)	1.2713 1.2308	1.2663 1.1503	1.2717	1.2768	1.2760	Ave		1.2490				3.7		20.0			
Bromofluorobenzene	0.4490 0.4293	0.4669 0.4042	0.4650	0.4605	0.4535	Ave		0.4469				5.1		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 196745	1335 549283	7418	27879	71932	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1062953	4417 3161330	24526	92151	254309	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 127880	751 366233	3986	13873	33380	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 940014	4649 2952450	25769	88389	248355	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1218469	5769 3491006	32086	119730	321283	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Lin2	2380 1102088	5755 3169368	29365	112959	303698	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 815999	4108 +++++	21416	74051	140452	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	BUT	Ave	+++++ 659689	2869 2325861	14735	59244	188913	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1746662	7204 5461965	42952	149714	430774	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1420483	6360 4475632	34400	132797	377789	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 185793	906 555801	4386	16927	46180	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd9	Ave	+++++ 135398	440 420178	3759	12975	32415	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 583609	3276 1789249	15477	49942	132990	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 581737	2395 1799904	11665	49600	139618	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 799630	3600 2309194	20257	74024	200278	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	5637	32028	114424	313914	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1267163	3704672				200	500			
Freon TF	FB	Ave	+++++ 817353	3520 2402570	17795	75754	204296	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	Ave	+++++ 129771	2224 309111	10931	22194	57455	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 688512	3529 2016668	15750	60946	169123	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1063162	4258 3021458	24011	80825	216091	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Lin2	+++++ 1158888	2740 2843725	18820	92294	274312	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1491493	7055 4406476	35649	133056	370096	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 373189	1784 1114647	9656	34044	90119	+++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	+++++ 448792	2036 1230718	11340	41773	113849	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 942933	4145 2832054	22830	78103	218530	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1269711	5358 3726332	26558	112602	304979	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	+++++ 848484	3168 2474742	20658	66720	177923	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 895001	4171 2570342	23638	78573	213402	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 652445	3601 1742808	18495	59854	156280	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 2148851	8135 6311419	53238	181448	507494	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 799946	3987 2437438	19778	71069	193046	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	4640 2750880	10318 8097217	66333	224201	606324	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 636511	2793 1804067	14291	59346	164649	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2193097	9146 6443545	53577	186980	516041	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1473316	6437 4255034	33668	123283	340767	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 323798	1070 910507	7849	28953	74464	+++++ 400	2.00 1000	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chloro-1,3-butadiene	FB	Ave	+++++ 729295	2963 2171358	16090	62784	175383	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 2121888	7856 6140019	50893	178591	497429	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 337035	1785 979035	8189	29210	79591	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 1038047	4601 3030768	24793	88174	242658	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 479092	1907 1386545	11702	37645	100542	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 149915	792 452461	3830	12340	33985	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 606731	2329 1710892	15393	53486	142783	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	+++++ 986715	4426 2867257	26117	90068	238164	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 525601	2204 1482386	14121	46105	122930	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Lin2	+++++ 191494	1233 551065	5182	16693	43483	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 3568233	12549 10716072	81008	277597	779196	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1654036	6798 4810811	39702	138381	379796	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1008330	4491 2968247	22265	90169	252284	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1346344	5786 3922059	31472	116881	328471	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1215486	5317 3545744	27232	109300	296539	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1070871	4546 3083577	24011	93975	258380	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 926111	3991 2732406	21175	80432	208737	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1689488	6689 4855115	36501	141957	401017	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 3365736	14000 9588875	77855	282821	774476	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2254421	7996 6532881	53934	182934	520795	+++++ 200	1.00 500	5.00	20.0	50.0

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 387974	1588 1133146	9947	32516	87225	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 948071	4790 2703571	23510	81215	217888	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 531472	2172 1482189	12012	48887	129536	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 432964	1882 1312465	9928	36691	99517	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 925416	3855 2744695	21138	78487	219529	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1098560	4852 3154926	23508	97675	269339	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1560586	6171 4540953	35315	132232	367335	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 867434	3696 2464316	20906	73303	206040	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 423921	1829 1225023	10473	36622	95211	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 183982	1885 538491	4639	16326	42731	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 595334	2660 1649897	15586	51281	139008	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 861829	3166 2479494	20664	71795	201265	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1234118	5198 3515086	29876	103043	286808	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 307225	1223 900174	8474	26636	71160	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 105212	456 294908	2619	9833	25599	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	QuaF	2684 1374326	5469 3939031	33715	116278	312893	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1501890	6124 4219850	35681	124410	347641	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 2976113	10384 8375202	68286	241556	669299	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 3823082	16913 10772574	88113	317525	875850	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++	4888	31857	108045	300844	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1334808	3750113				200	500			
Ethyl methacrylate	CBNZd5	Ave	+++++ 939525	3734 2649492	22143	77238	213164	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 713908	2685 1980158	18176	60321	163003	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 1093699	4570 3136539	24947	93403	256794	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 1299053	5359 3552128	32621	109563	300204	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2051566	7754 5787412	48378	165084	450967	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZd5	Ave	+++++ 904815	4240 2576025	22608	76821	211419	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZd5	Ave	+++++ 1075296	3972 3024720	24855	88192	247392	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 862395	3589 2353733	21855	74293	199632	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 2665662	10284 7552022	63859	220861	607441	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 1426281	5767 4280467	32570	115422	318108	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 1065077	4274 3093484	24695	86396	240121	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 1641646	6831 4791677	38721	137465	383359	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1688302	6703 5069715	39047	136302	380789	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 636427	2478 1871169	14420	50550	139493	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 2883431	10072 8141024	65104	231888	641497	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 751217	2968 2184423	17228	59685	167335	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 1036434	4307 2964275	25305	88449	241680	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 4140794	15973 11641852	94039	343726	955961	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 1231953	4688 3561774	28790	100417	278309	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 978684	4041 2812099	23495	81909	220591	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 4907946	19410 13361322	110442	406397	1131607	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 296254	1459 841255	7541	25618	67413	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 204132	843 589831	4678	16333	44218	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 3228321	12275 9292992	74236	260828	724043	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 4056931	15781 11356398	92369	338525	935358	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 3357260	12250 9459727	75838	269045	752537	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 3254337	12414 9200095	74627	263651	731650	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	+++++ 1103714	3919 3195465	23550	84387	246125	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 2888558	11162 8324538	63256	233157	646586	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 3553102	13431 9866624	77749	279110	779621	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 4181536	15347 11341852	88653	334838	934612	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 2266954	8057 6640419	47530	170823	482089	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 3684154	12931 10280439	75620	281697	800168	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	7857	50760	173252	487475	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2244970	6403339				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 3429293	13096 9515792	78116	279449	777528	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 1932610	6677 5472880	44028	158036	444006	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 3502539	12435 9585517	77900	271383	772349	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 2187332	7422 6403883	44495	164936	467373	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 1753150	6397 5059785	35702	133411	382596	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 2001237	6920 5601667	44316	153421	422874	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 2922318	9746 8419176	60320	216526	626155	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 220785	862 629536	5182	17187	48969	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 1256887	4698 3782217	27242	97271	283855	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 1006665	3493 3023673	20208	74111	215884	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 488032	1991 1402806	10049	36434	104787	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 2060268	5950 5890503	41252	151122	436947	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 732254	2287 2141751	15573	53838	154223	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	158990 199323	174136 221694	175220	180807	191220	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	141496 167983	153697 189094	156719	165003	166148	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	534266 700419	588344 746156	604831	623694	665659	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	188678 244333	216926 262231	221164	224953	236557	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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Butadiene	2.7						30					
Iodomethane	+++++	2.4						30				
Tetrahydrofuran	+++++	-3.0						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 27-Oct-2023 12:09:48 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0167990-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:43:33 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: W9CM Date: 27-Oct-2023 13:22:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.748	1.748	0.000	82	2380	0.2500	0.2567	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	95	30418	1000.0	1000.0	
33 Acrylonitrile	53	3.536	3.536	0.000	99	4640	2.00	4.61	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	64	230633	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	95	158990	50.0	50.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.386	0.006	98	141496	50.0	51.4	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	510919	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.530	6.535	-0.005	1	27211	1000.0	1000.0	
80 Epichlorohydrin	57	7.332	7.326	0.006	87	2684	5.00	10.7	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	534266	50.0	50.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	420246	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	95	188678	50.0	50.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.078	-0.005	94	225364	50.0	50.0	

QC Flag Legend
Processing Flags

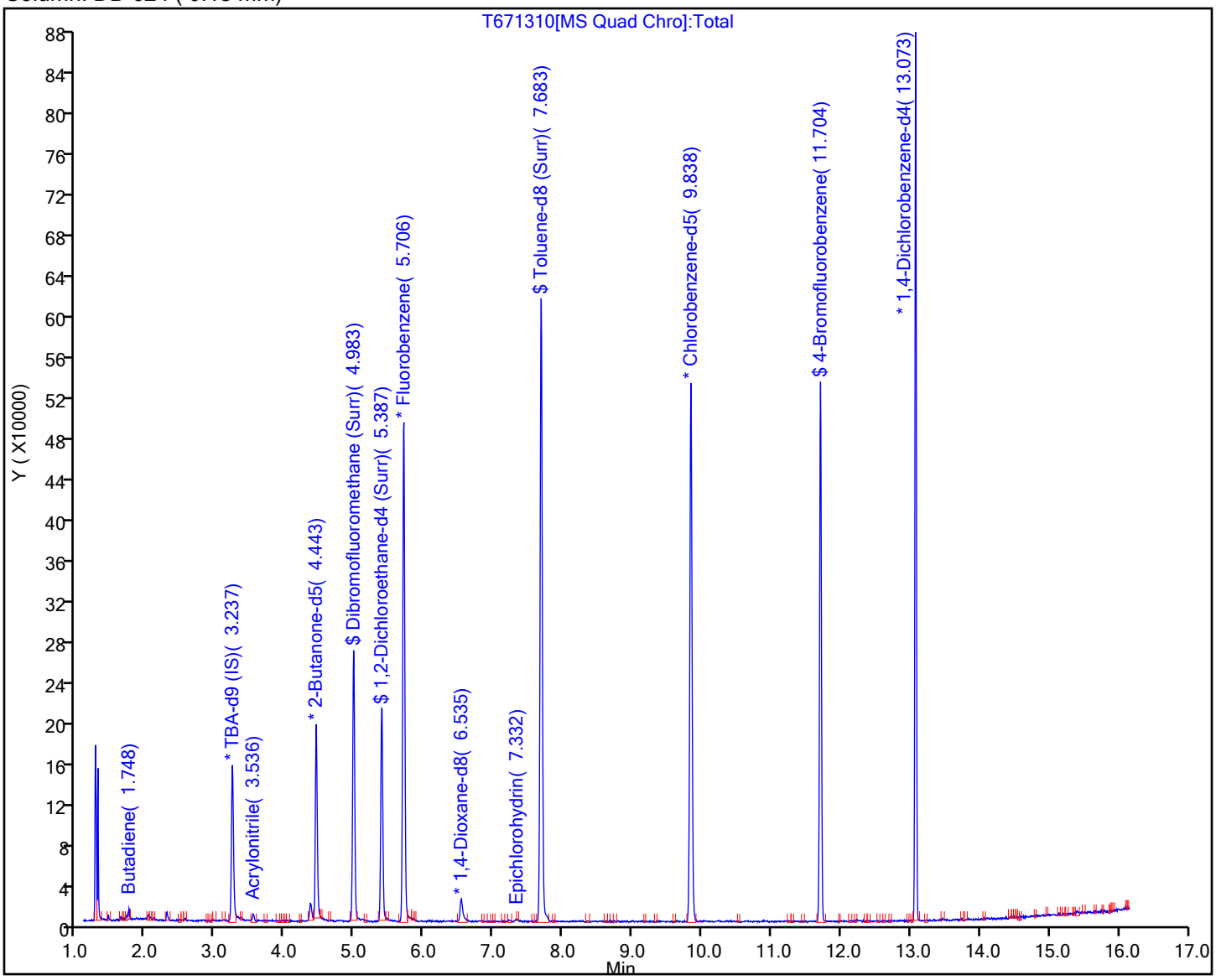
Reagents:

8260MIX1COMB_00177	Amount Added:	0.00	Units: uL	
GASES Li_00554	Amount Added:	2.50	Units: uL	
ACROLEIN W_00161	Amount Added:	0.00	Units: uL	
524FREONS_00009	Amount Added:	0.00	Units: uL	
14DIOXINTER_00162	Amount Added:	0.00	Units: uL	
GAS Hi_00454	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00118	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	0.00	Units: uL	
MIX I Hi_00169	Amount Added:	0.00	Units: uL	
7 Freons Hi_00007	Amount Added:	0.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	0.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	0.00	Units: uL	
VMTBA500_00041	Amount Added:	2.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:43:33 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

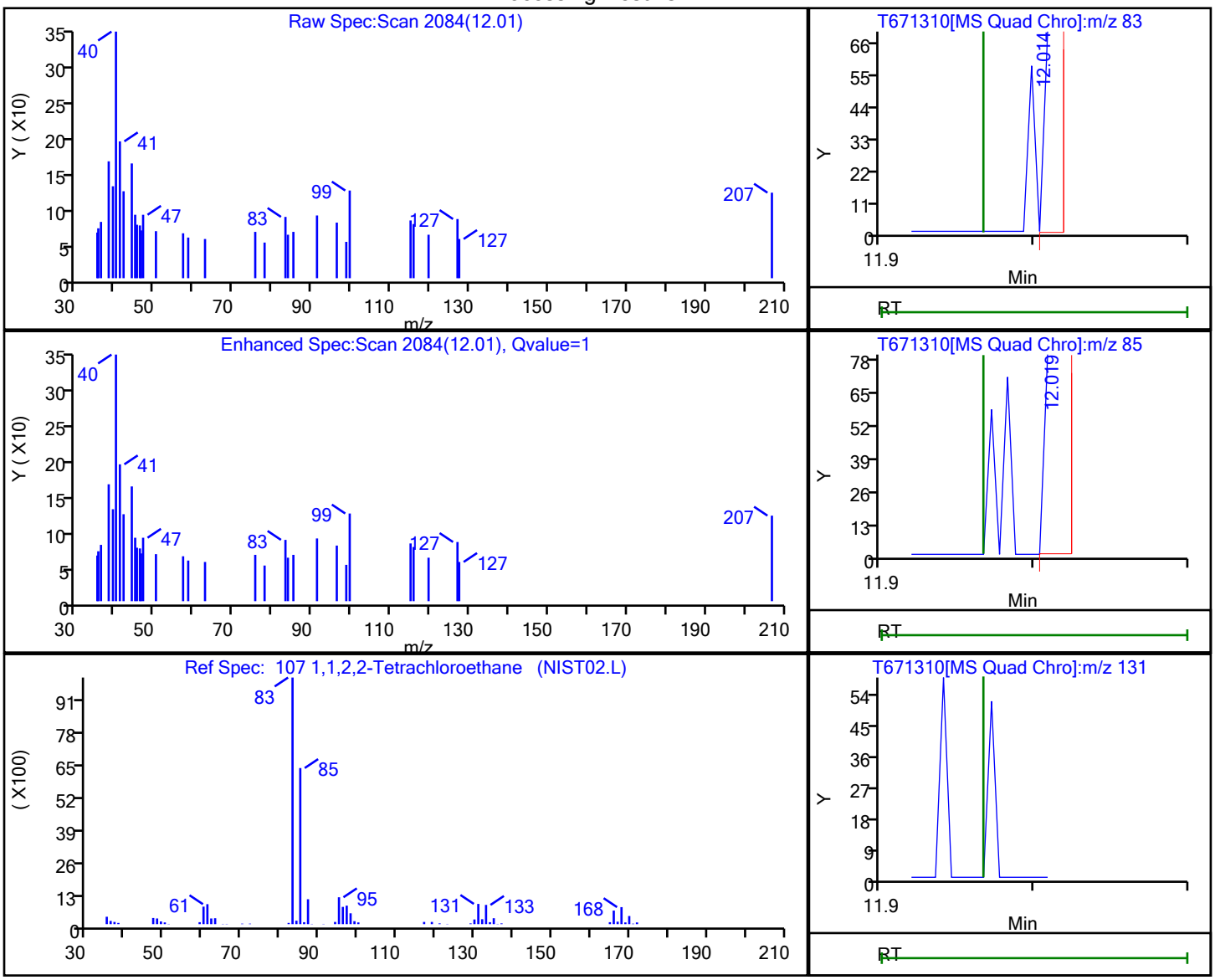
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
12.01	83.00	49	0.012487
12.02	85.00	89	
11.97	131.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

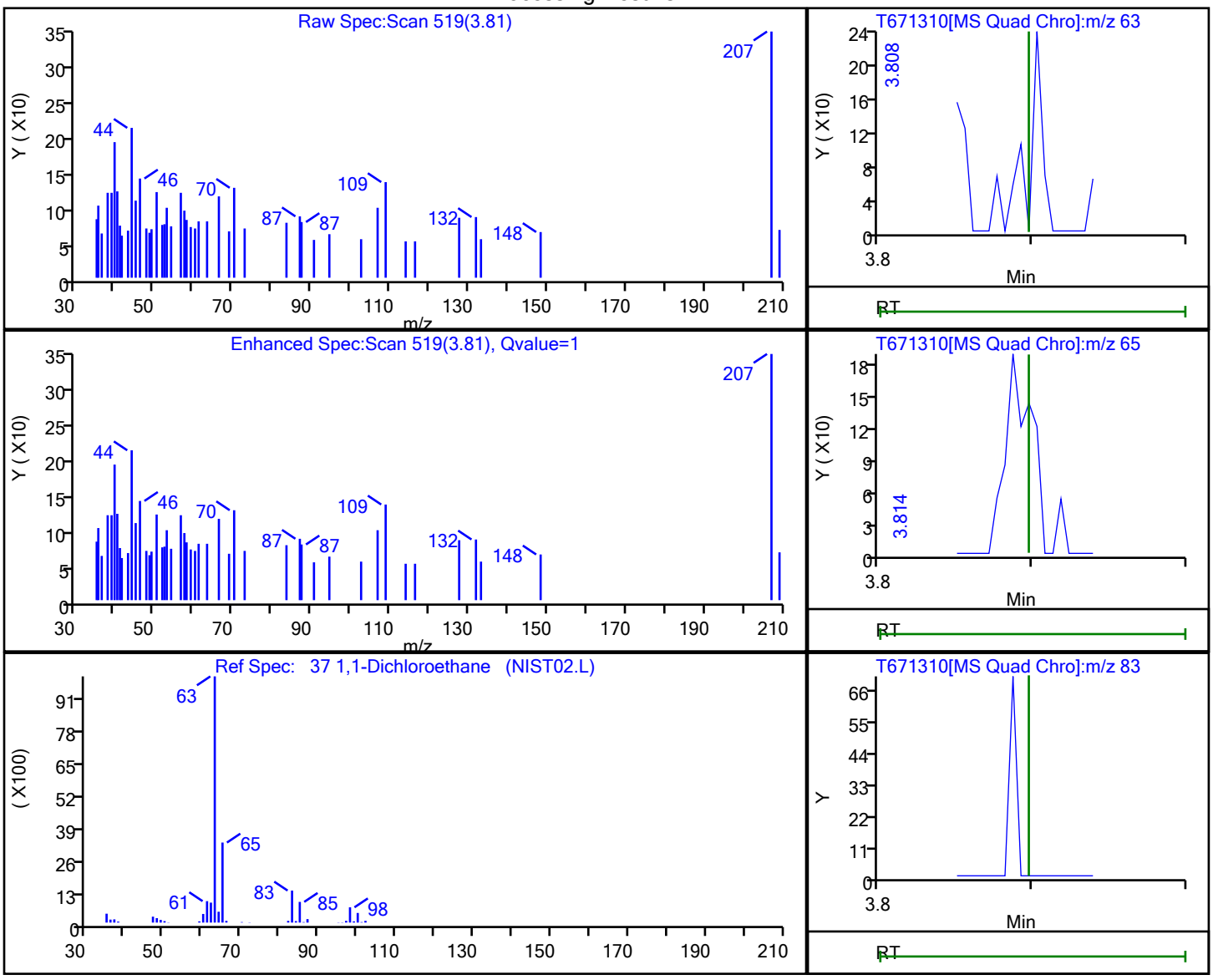
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.81	63.00	48	0.007511
3.81	65.00	40	
3.80	83.00	51	

Reviewer: W9CM, 27-Oct-2023 13:20:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

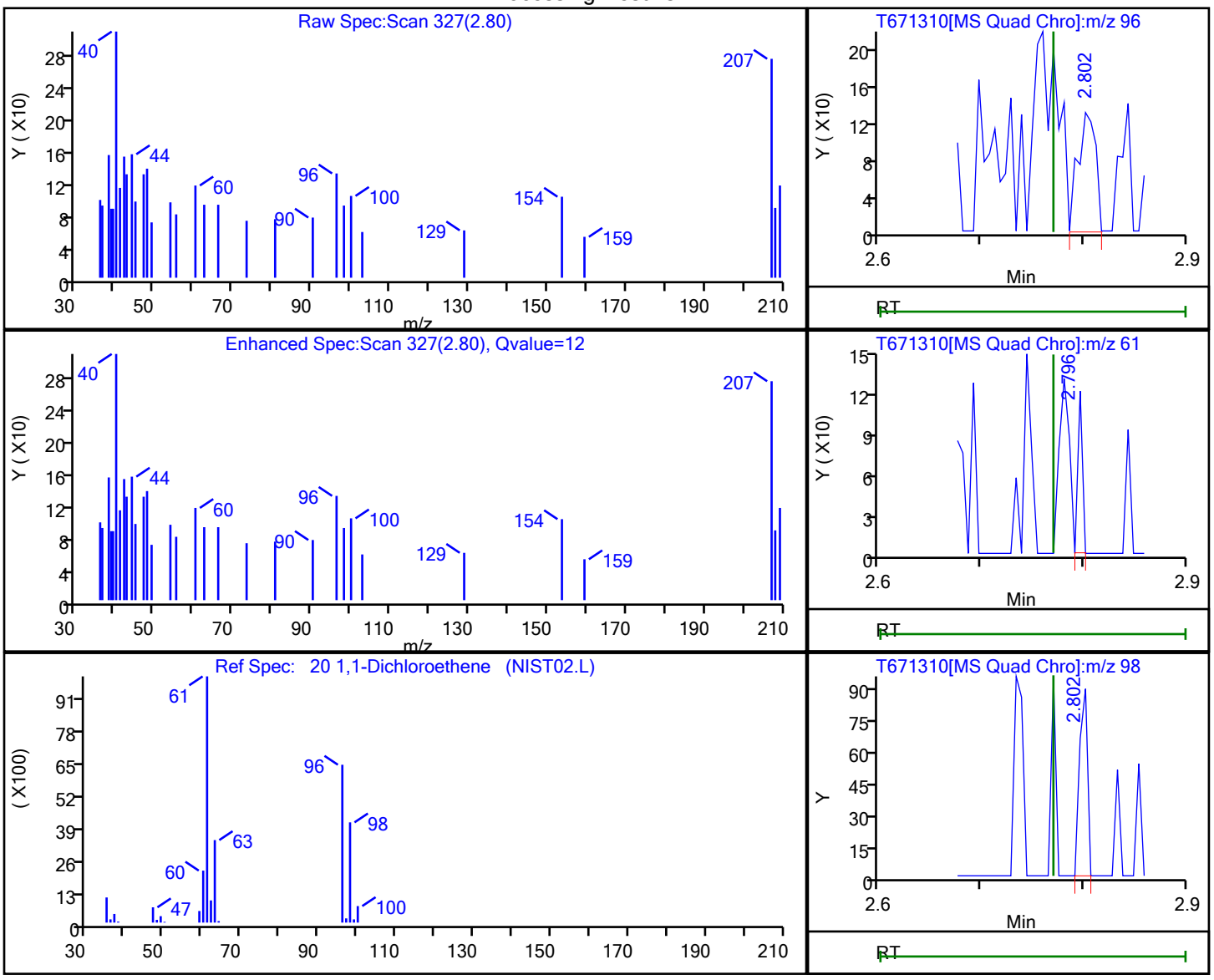
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.80	96.00	156	0.072130
2.80	61.00	37	
2.80	98.00	49	
2.80	63.00	19	

Reviewer: W9CM, 27-Oct-2023 13:19:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

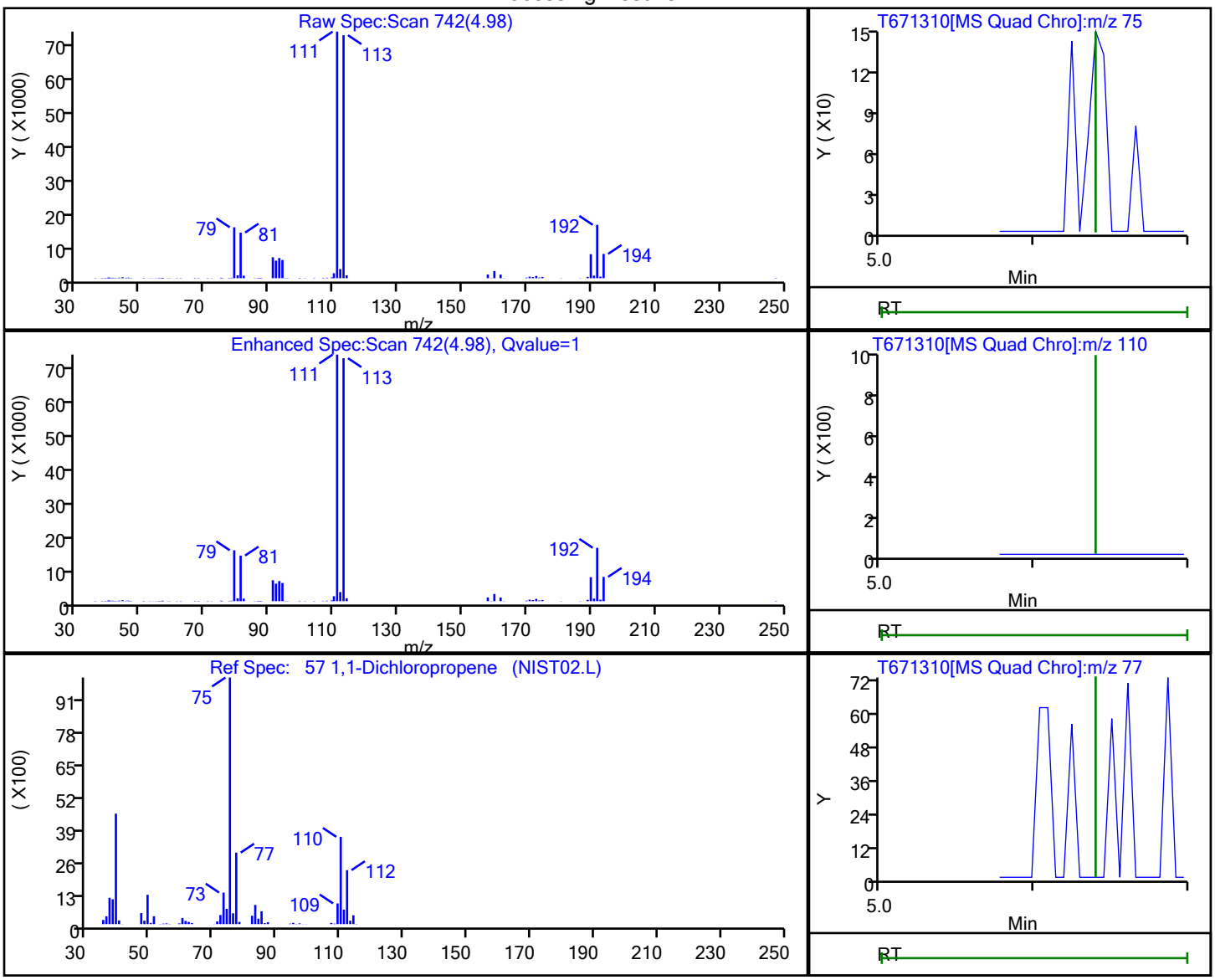
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.98	75.00	125	0.028324
4.99	110.00	3891	
4.98	77.00	69	

Reviewer: W9CM, 27-Oct-2023 13:20:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

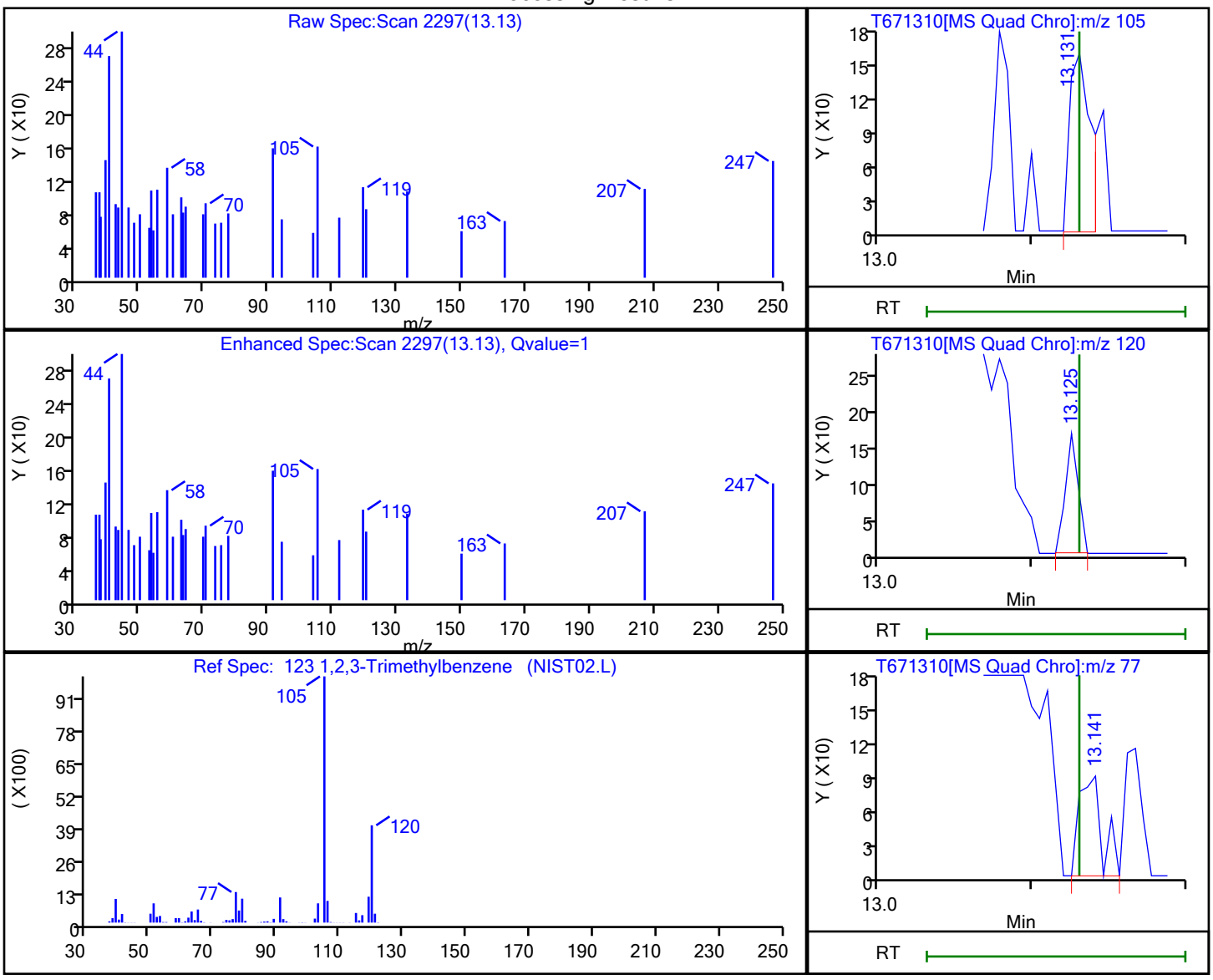
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.13	105.00	150	0.011503
13.13	120.00	98	
13.14	77.00	94	

Reviewer: W9CM, 27-Oct-2023 13:21:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

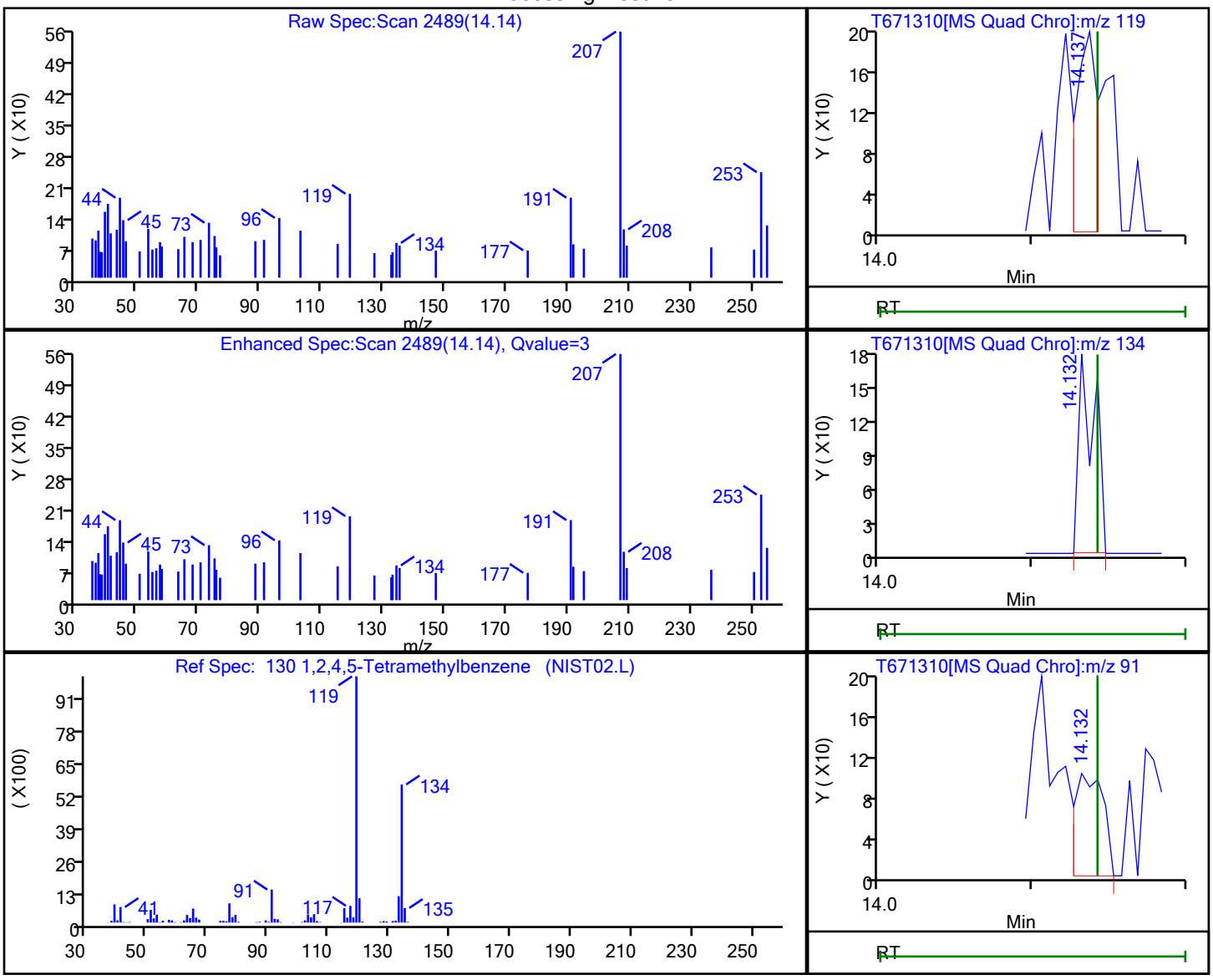
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.14	119.00	183	0.012438
14.13	134.00	132	
14.13	91.00	130	

Reviewer: W9CM, 27-Oct-2023 13:21:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

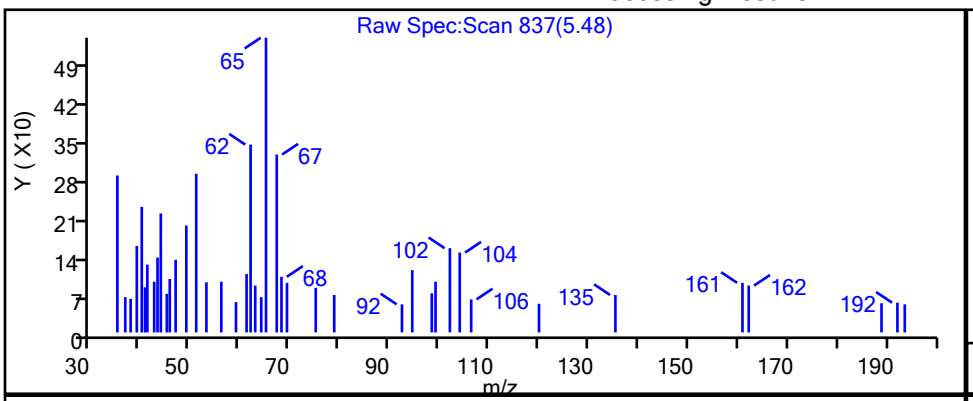
User Disabled Compound Report

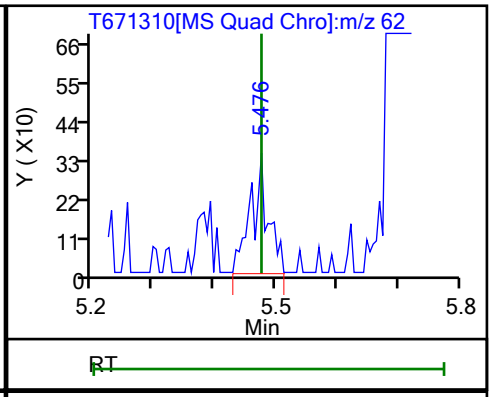
Eurofins Edison

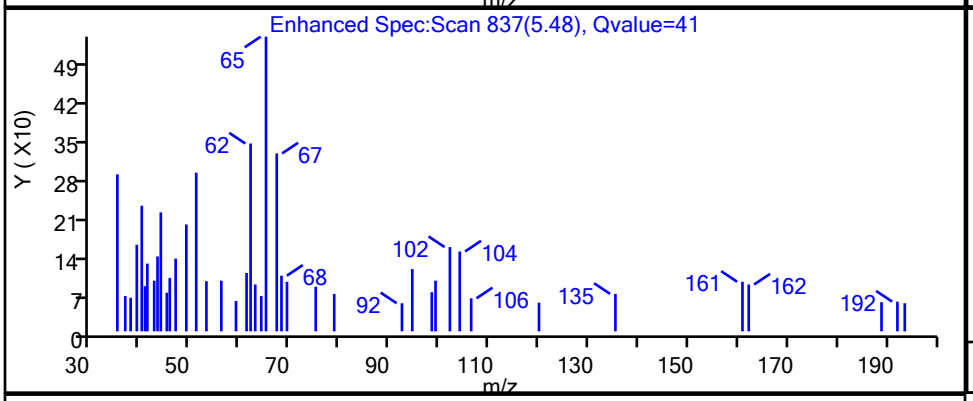
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

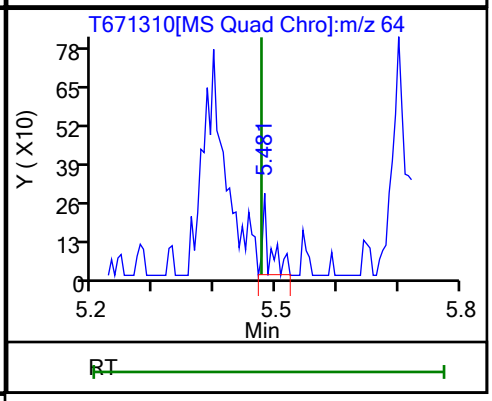
61 1,2-Dichloroethane, CAS: 107-06-2

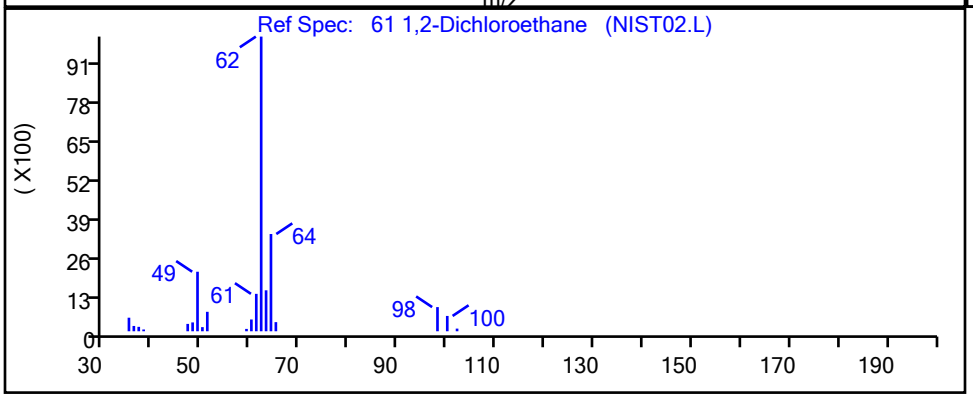
Processing Results











RT	Mass	Response	Amount
5.48	62.00	656	0.089421
5.48	64.00	227	

Reviewer: W9CM, 27-Oct-2023 13:20:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

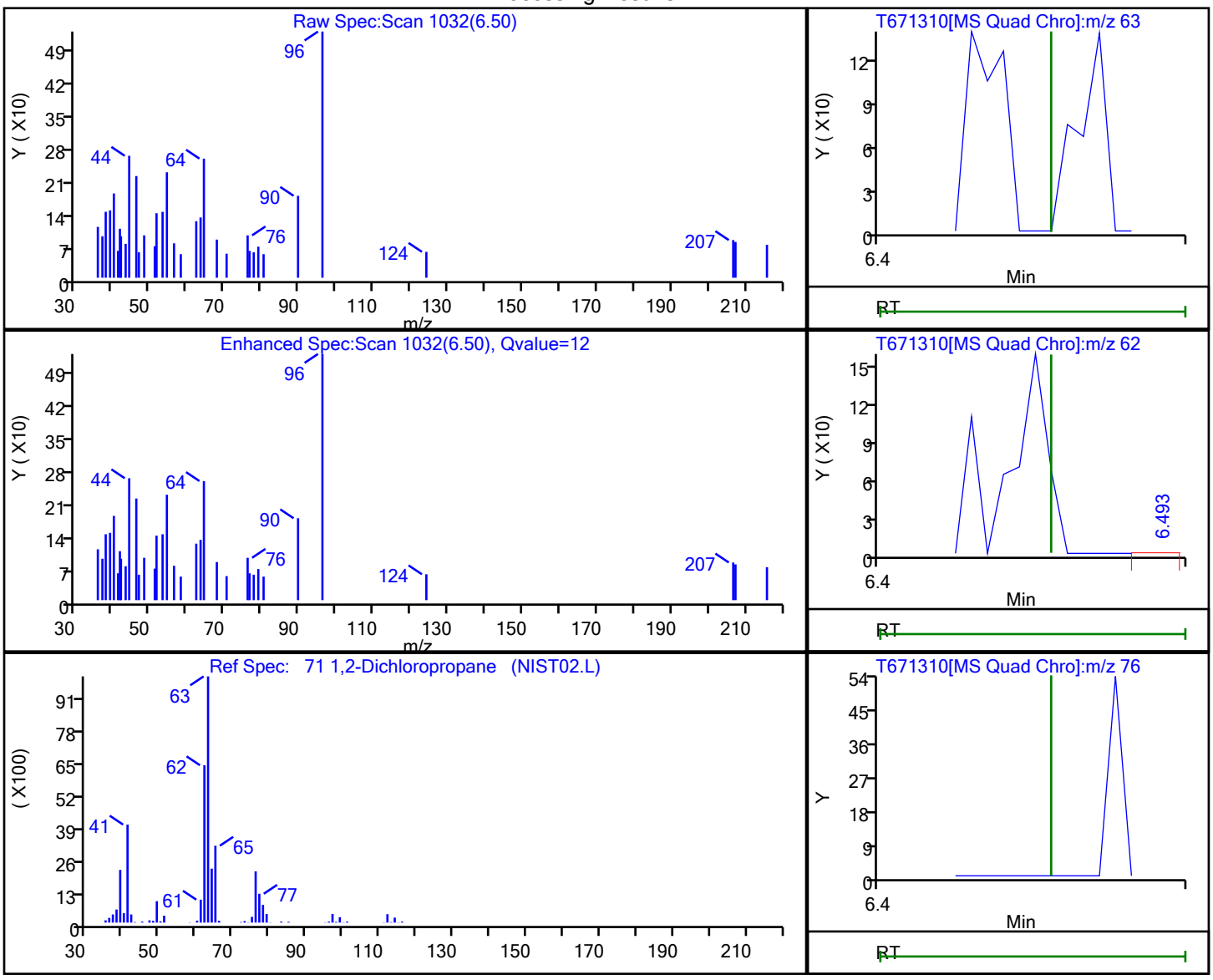
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.50	63.00	66	0.021268
6.49	62.00	149	
6.50	76.00	90	
6.46	112.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

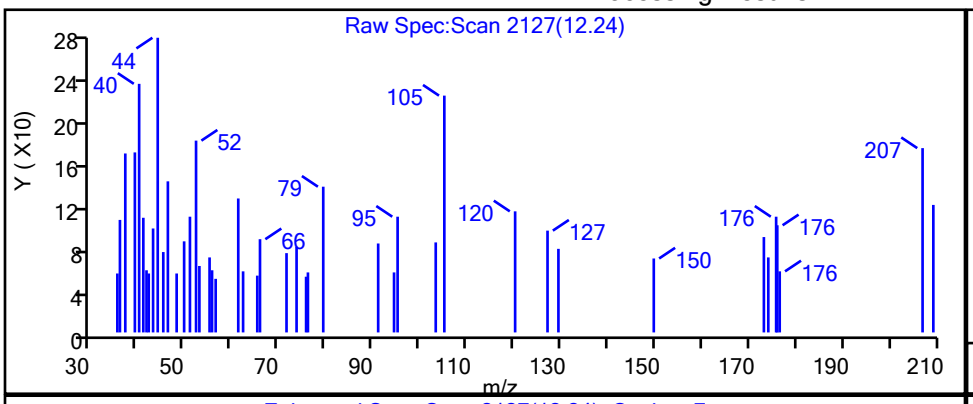
User Disabled Compound Report

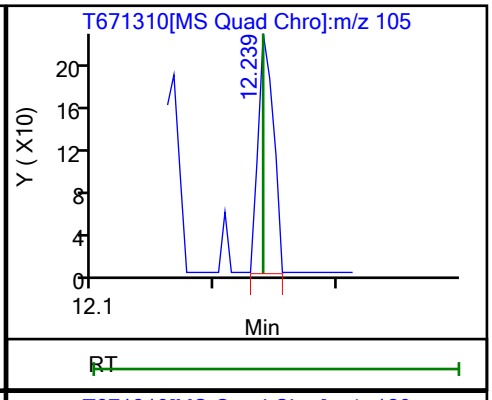
Eurofins Edison

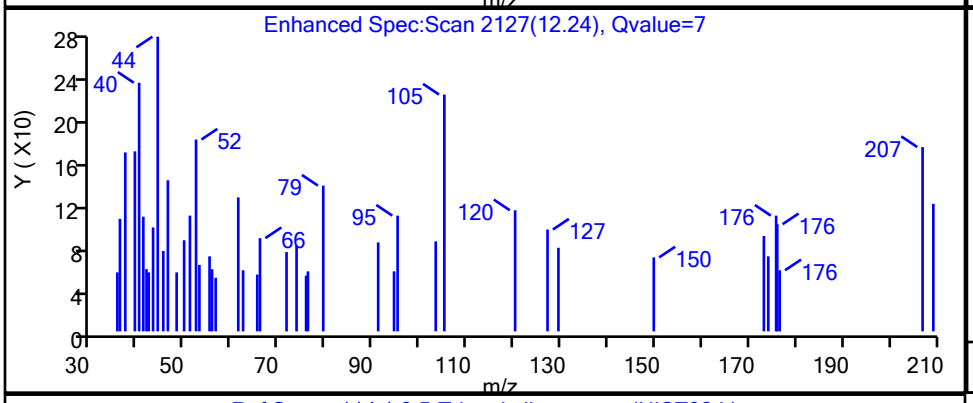
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

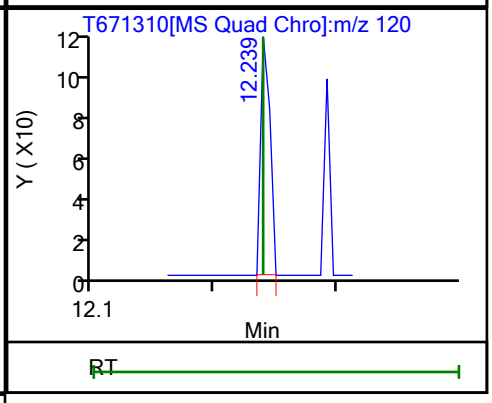
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

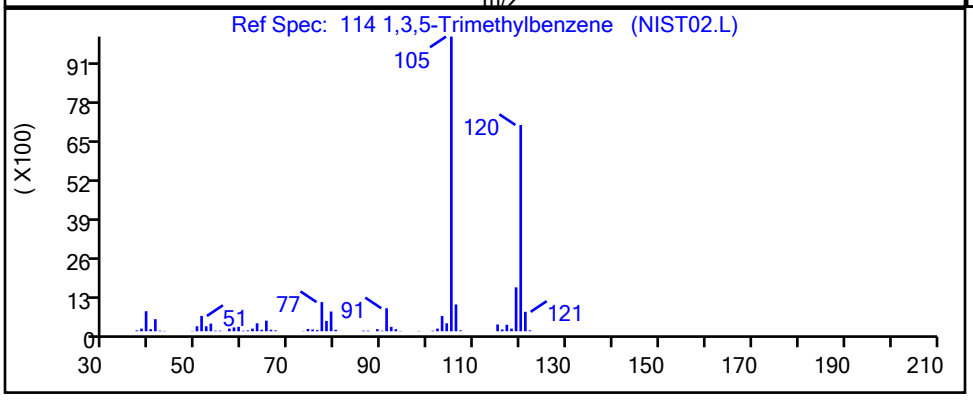
Processing Results











RT	Mass	Response	Amount
12.24	105.00	192	0.015471
12.24	120.00	60	

Reviewer: W9CM, 27-Oct-2023 13:21:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

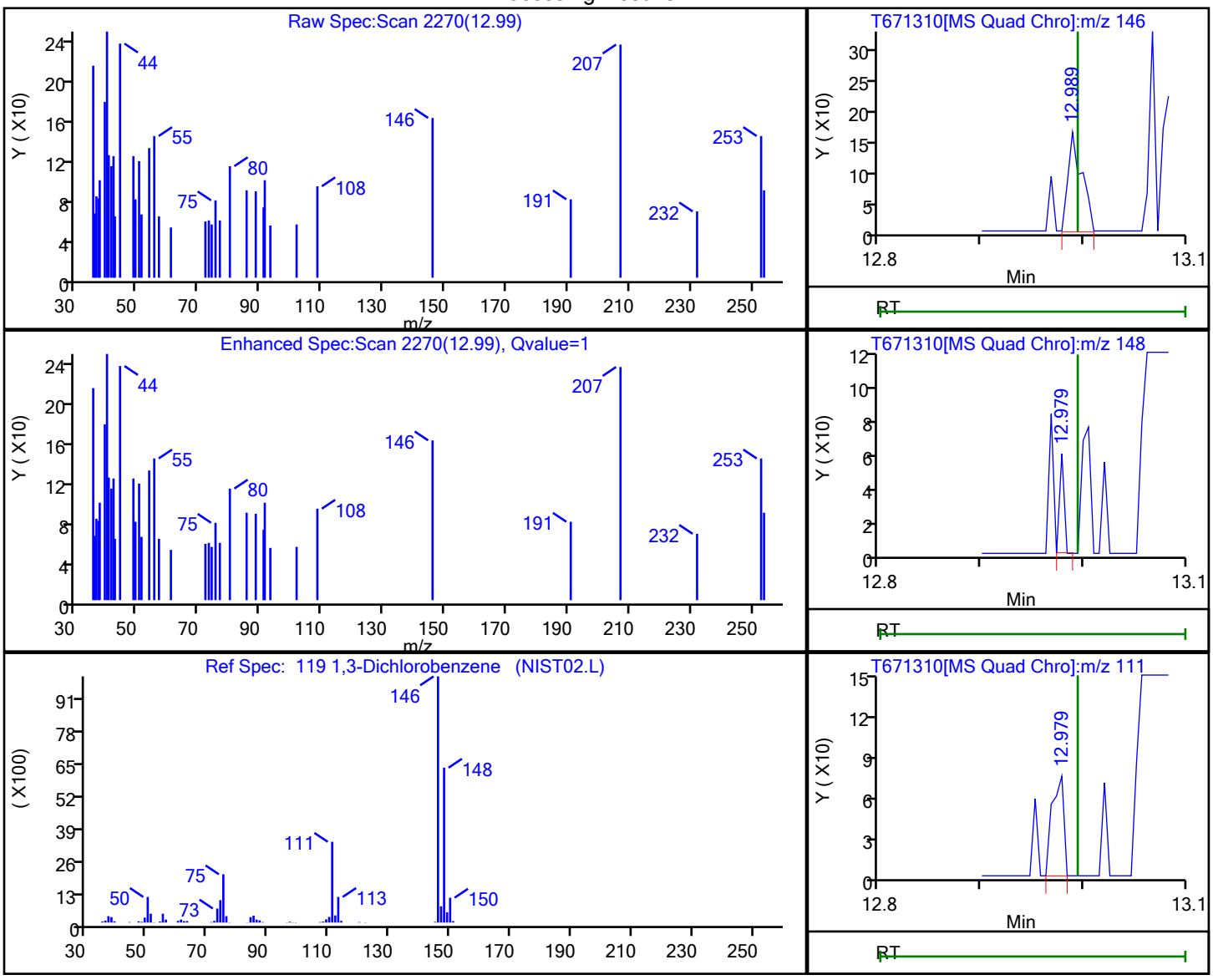
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
12.99	146.00	149	0.019275
12.98	148.00	19	
12.98	111.00	59	

Reviewer: W9CM, 27-Oct-2023 13:21:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

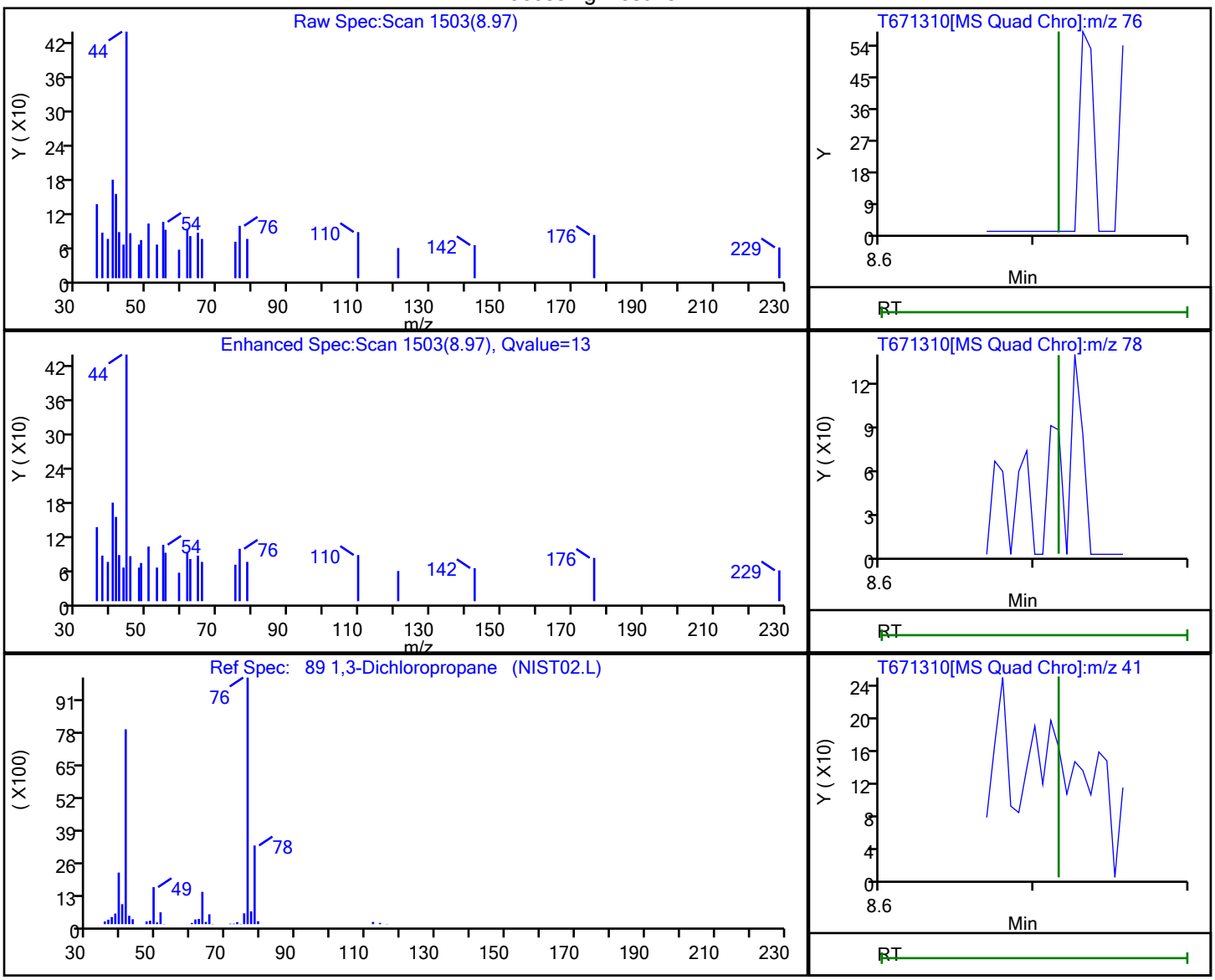
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D				
Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
8.97	76.00	47	0.005489
8.96	78.00	64	
8.98	41.00	240	

Reviewer: W9CM, 27-Oct-2023 13:21:21 -04:00:00 (UTC)

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

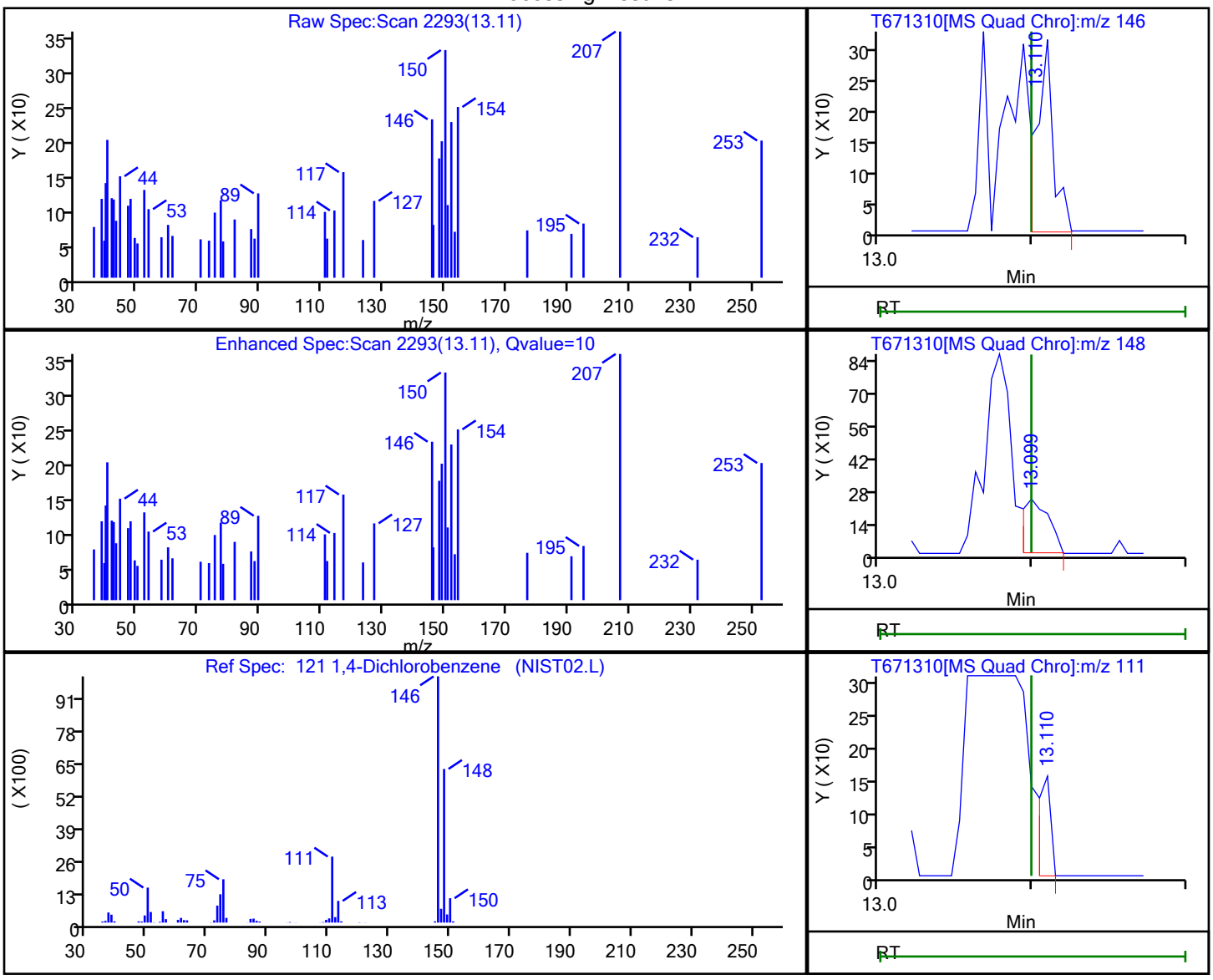
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
13.11	146.00	239	0.017667
13.10	148.00	281	
13.11	111.00	86	

Reviewer: W9CM, 27-Oct-2023 13:21:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

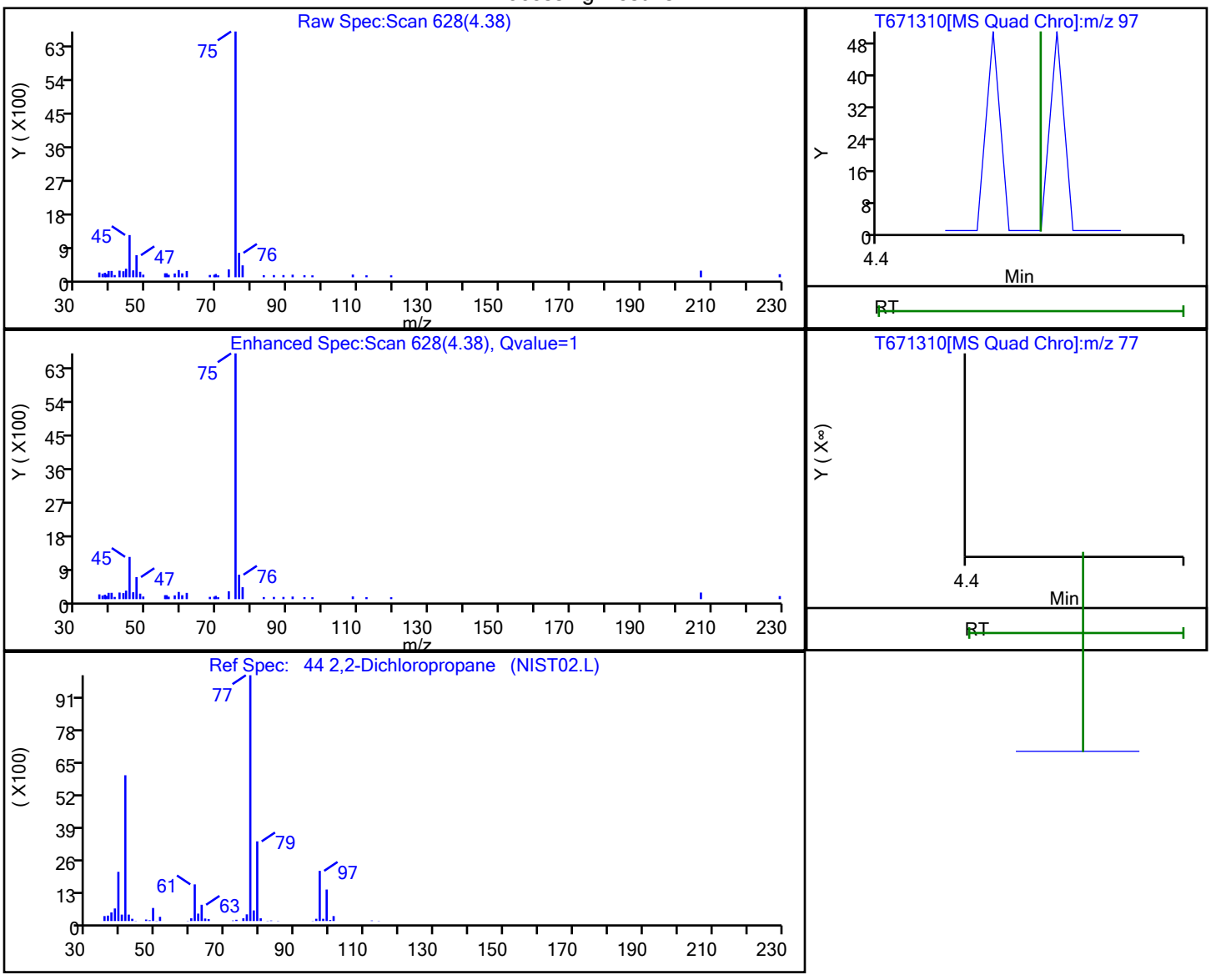
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.38	97.00	16	0.016568
4.37	77.00	509	

Reviewer: W9CM, 27-Oct-2023 13:20:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

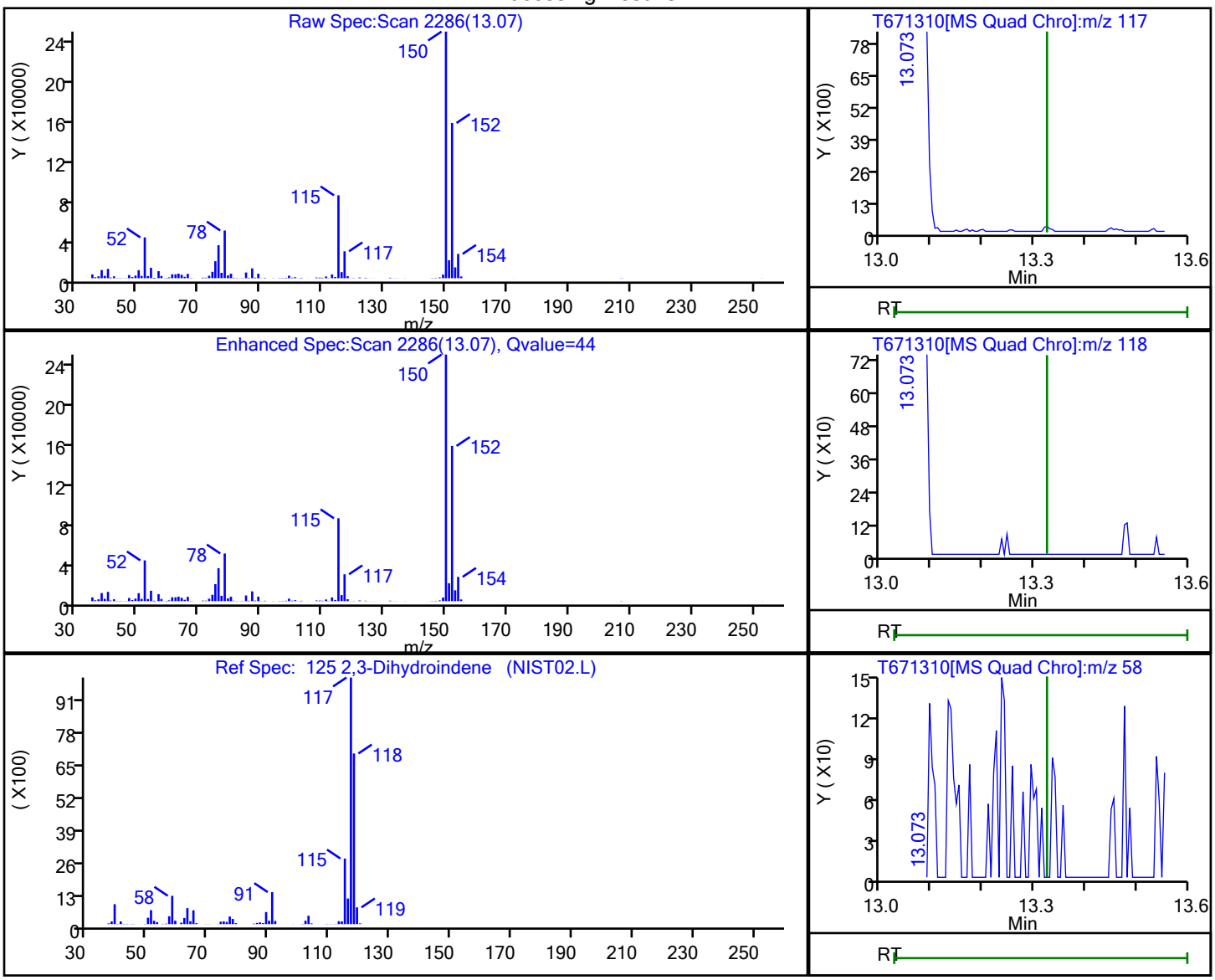
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
13.07	117.00	37557	3.113764
13.07	118.00	2811	
13.07	58.00	83	

Reviewer: W9CM, 27-Oct-2023 13:21:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

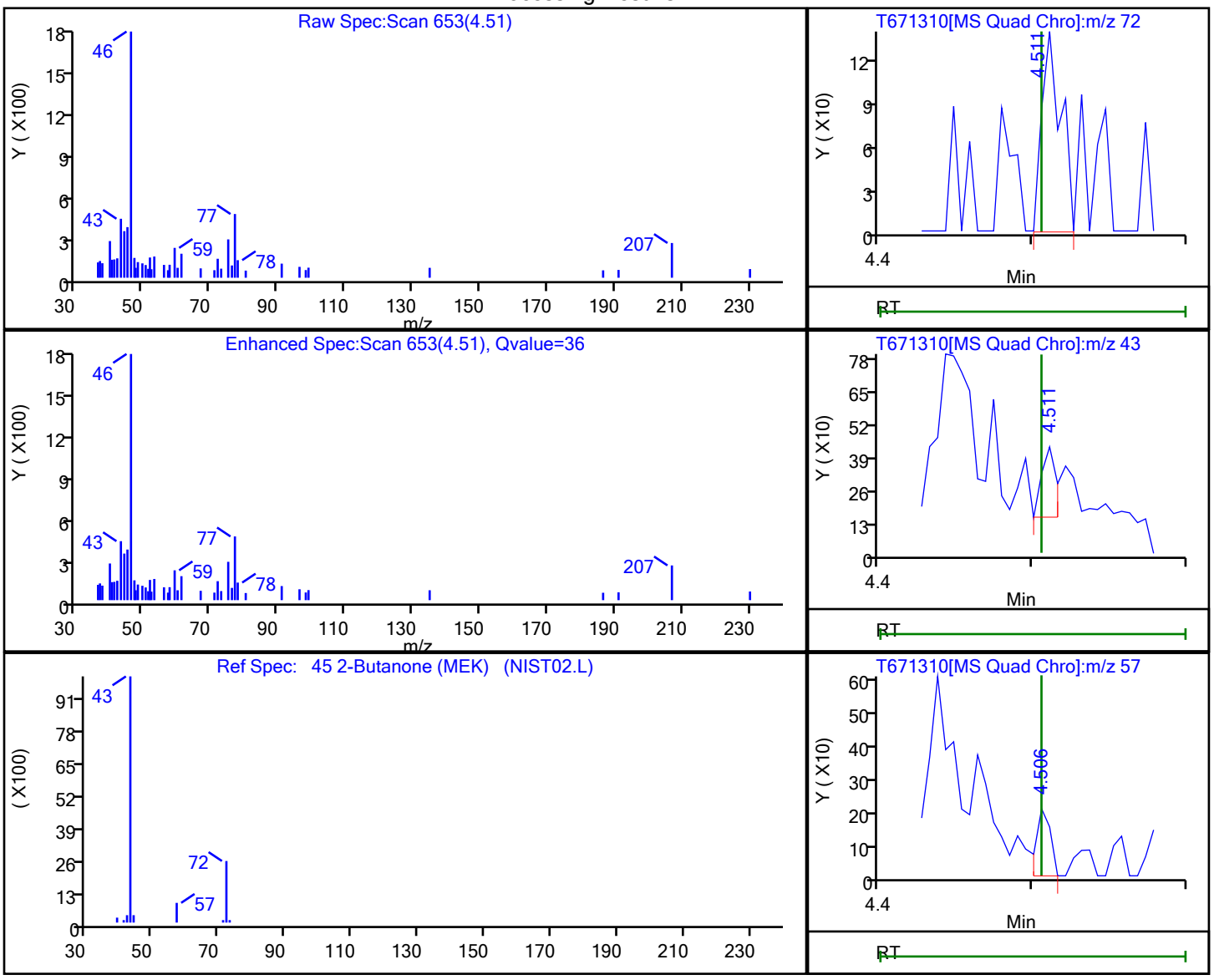
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.51	72.00	119	0.513626
4.51	43.00	186	
4.51	57.00	131	

Reviewer: W9CM, 27-Oct-2023 13:20:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

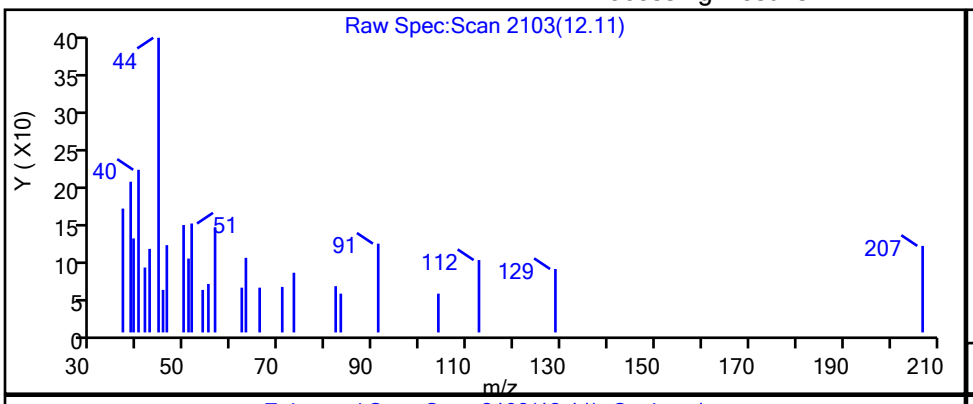
User Disabled Compound Report

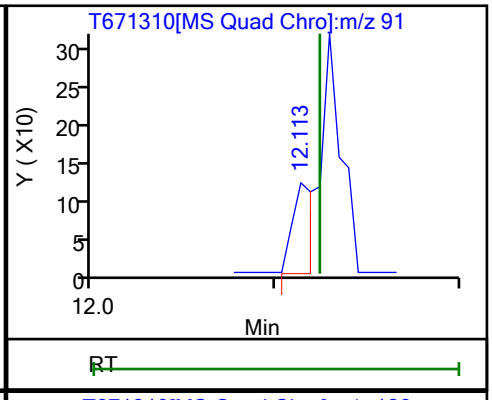
Eurofins Edison

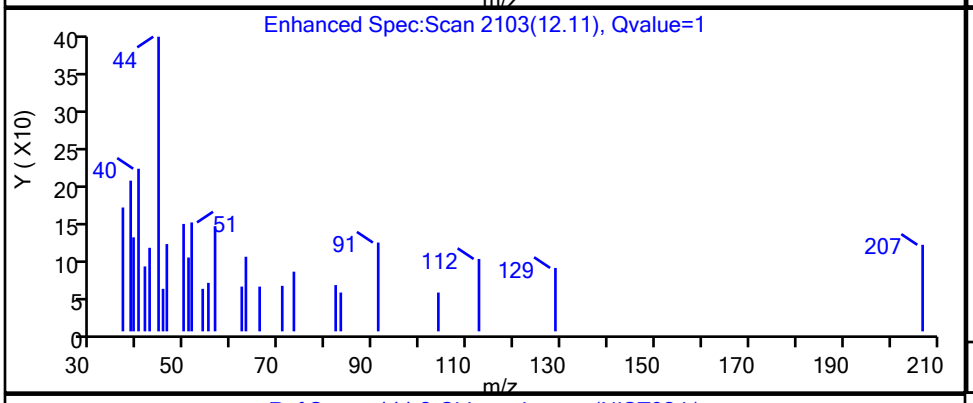
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

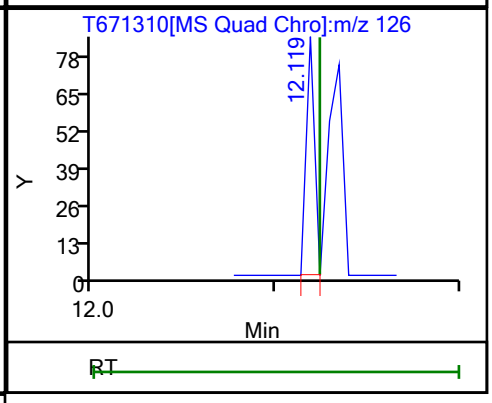
111 2-Chlorotoluene, CAS: 95-49-8

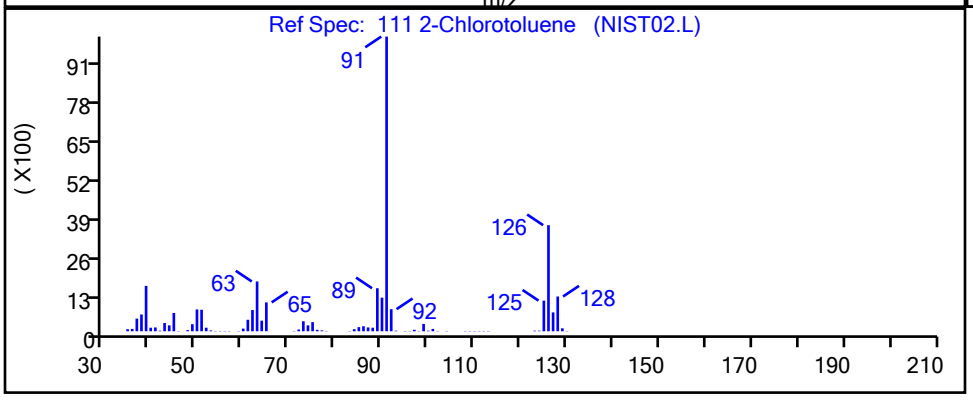
Processing Results











RT	Mass	Response	Amount
12.11	91.00	90	0.007384
12.12	126.00	27	

Reviewer: W9CM, 27-Oct-2023 13:21:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

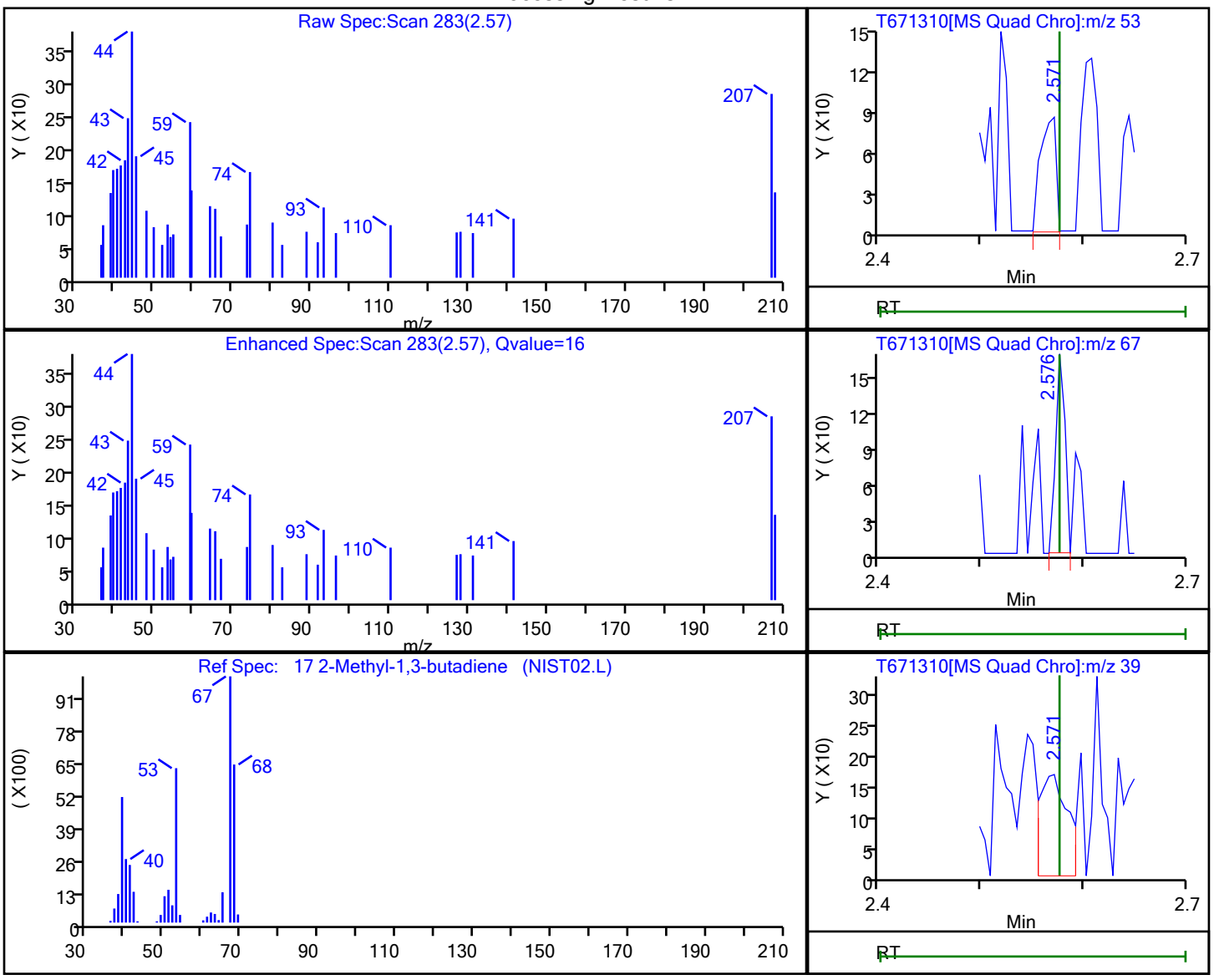
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.57	53.00	86	0.041048
2.58	67.00	106	
2.57	39.00	316	

Reviewer: W9CM, 27-Oct-2023 13:19:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

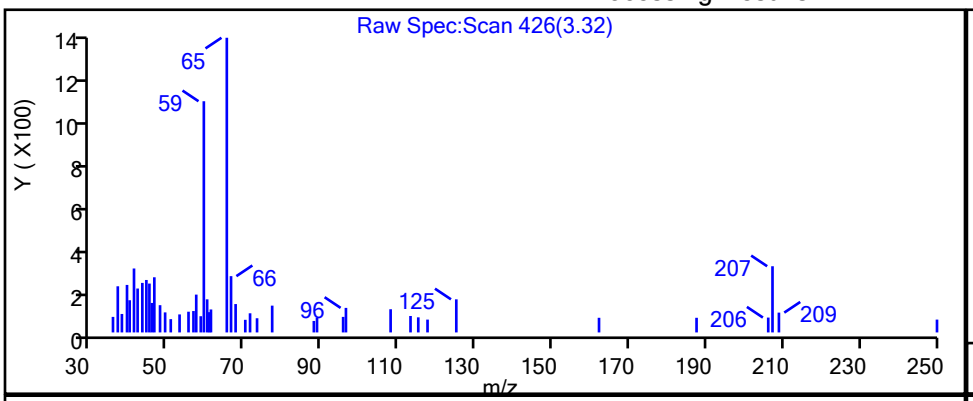
User Disabled Compound Report

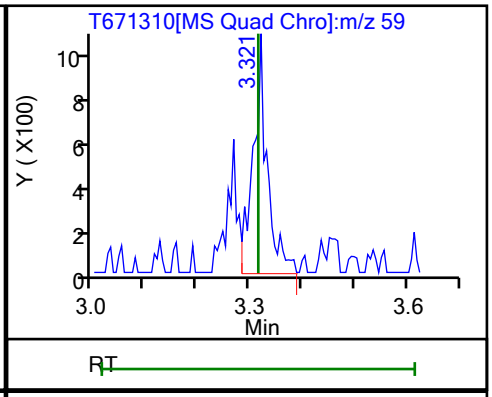
Eurofins Edison

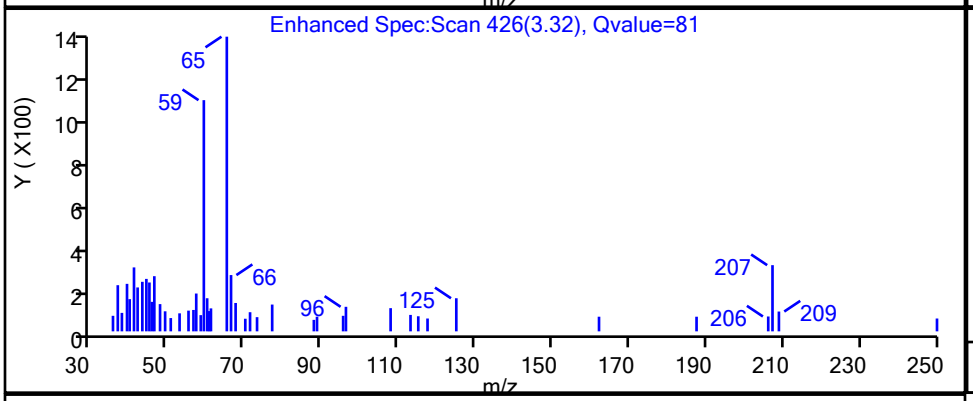
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

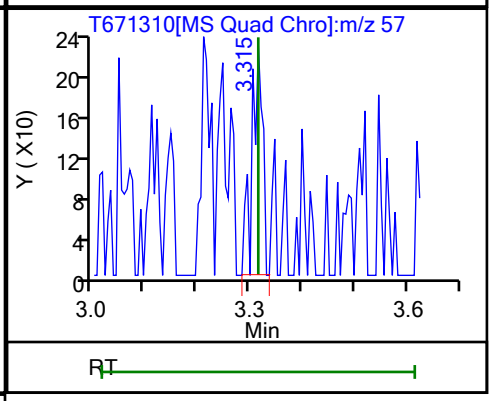
32 2-Methyl-2-propanol, CAS: 75-65-0

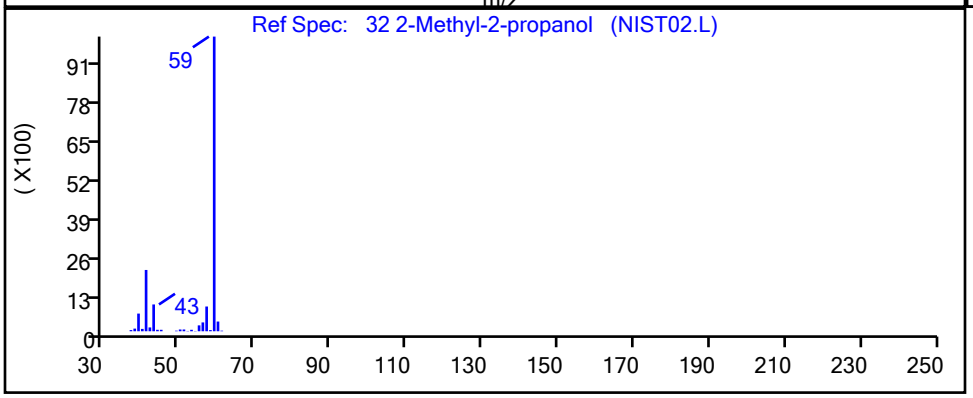
Processing Results











RT	Mass	Response	Amount
3.32	59.00	1868	2.000000
3.32	57.00	330	

Reviewer: W9CM, 27-Oct-2023 13:20:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

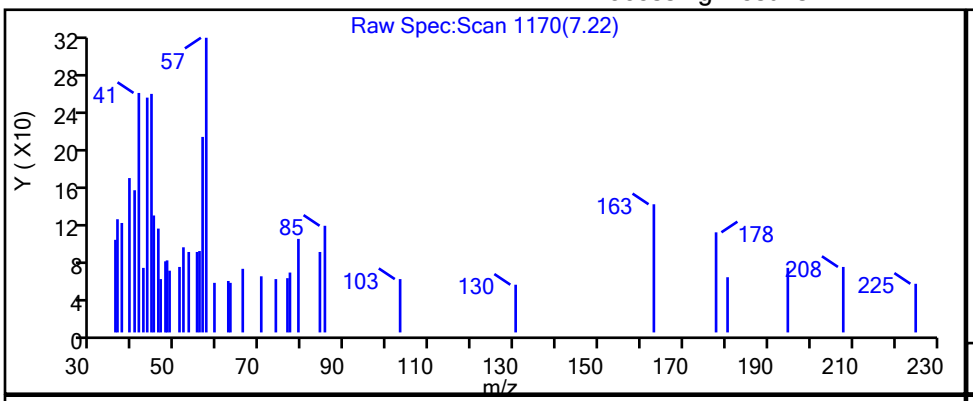
User Disabled Compound Report

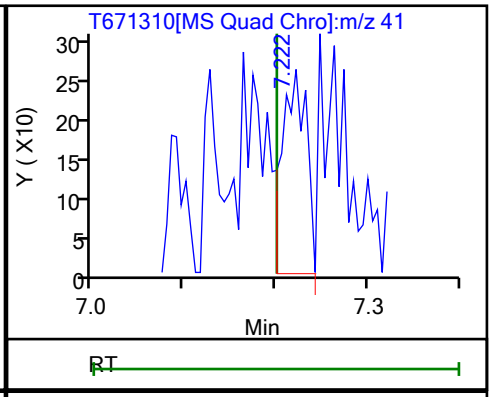
Eurofins Edison

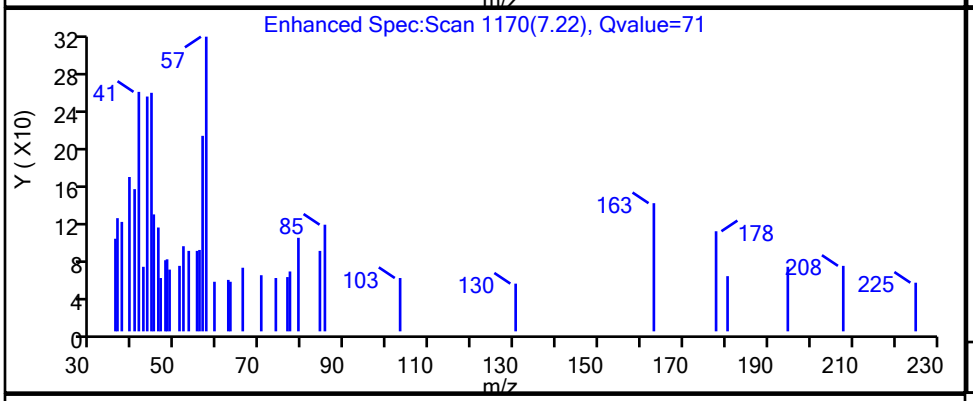
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Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

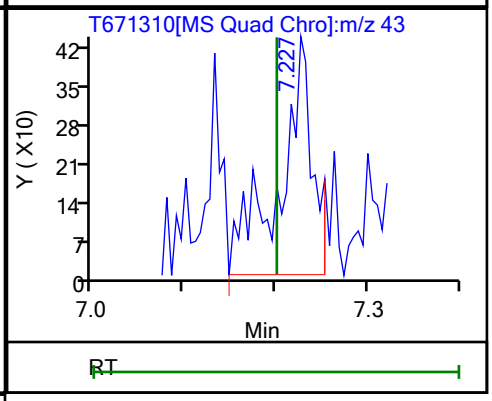
78 2-Nitropropane, CAS: 79-46-9

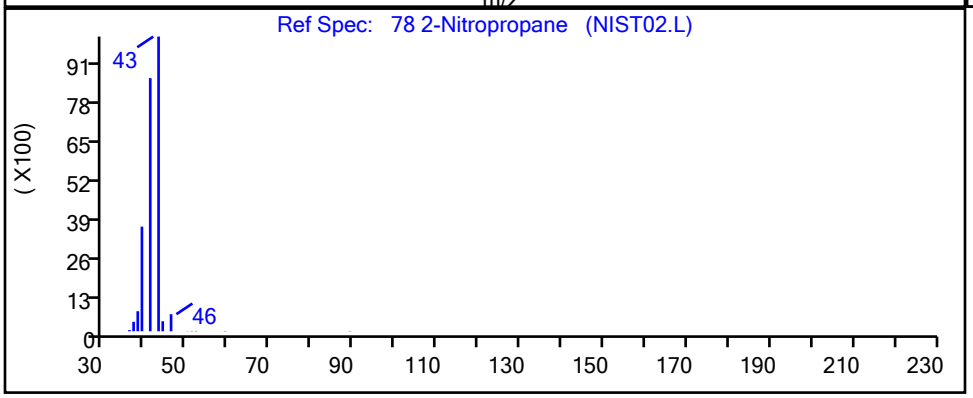
Processing Results











RT	Mass	Response	Amount
7.22	41.00	468	0.912516
7.23	43.00	1081	

Reviewer: W9CM, 27-Oct-2023 13:21:10 -04:00:00 (UTC)

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

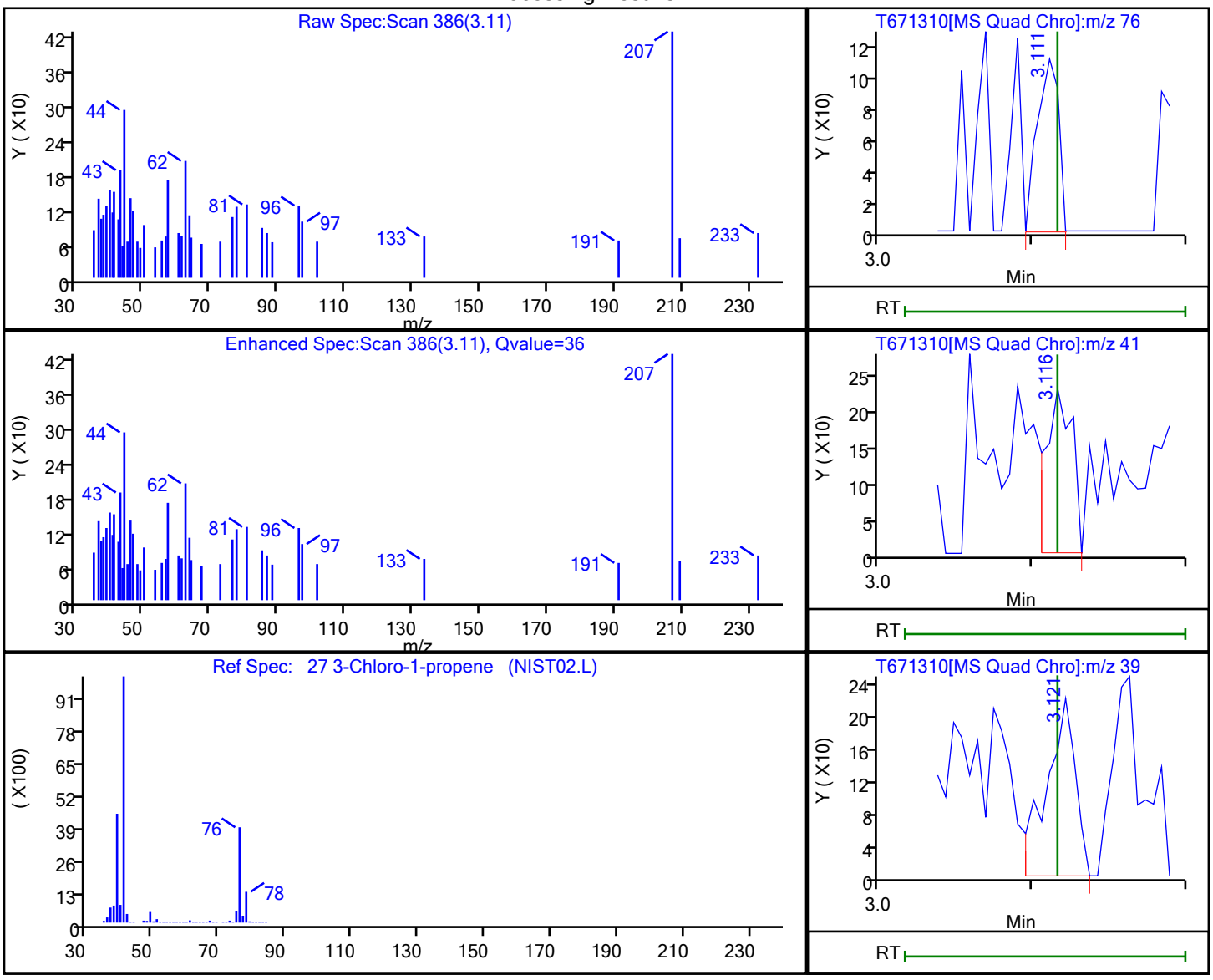
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.11	76.00	103	0.062002
3.12	41.00	273	
3.12	39.00	286	

Reviewer: W9CM, 27-Oct-2023 13:20:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

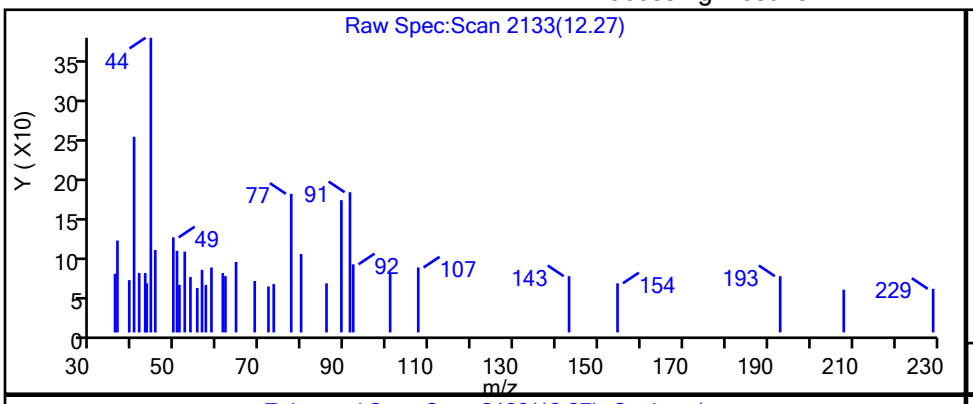
User Disabled Compound Report

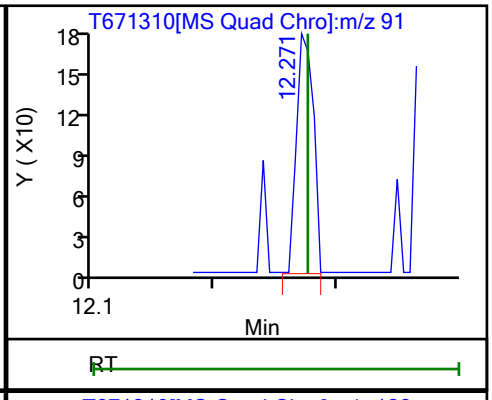
Eurofins Edison

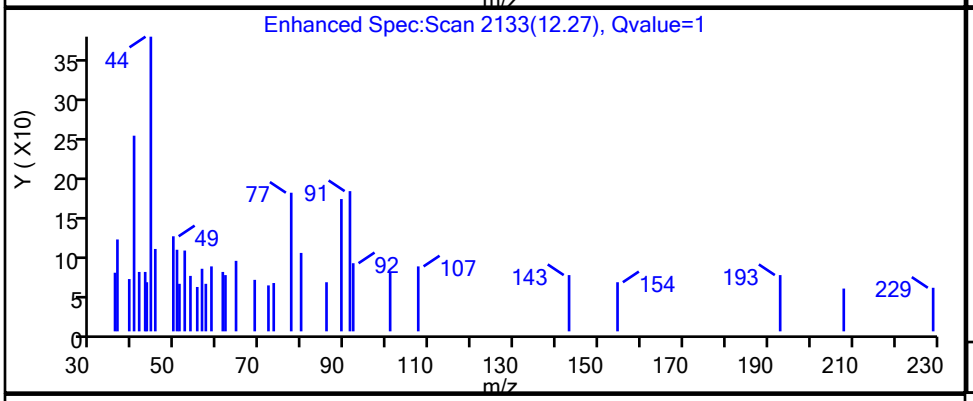
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

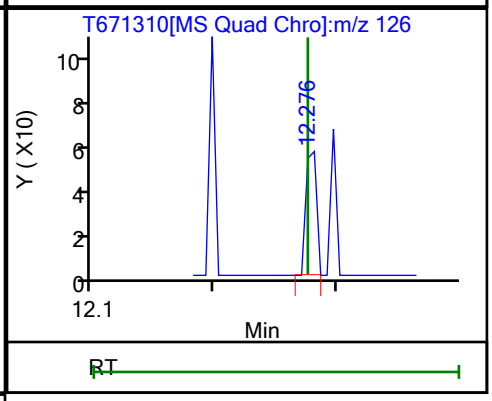
113 4-Chlorotoluene, CAS: 106-43-4

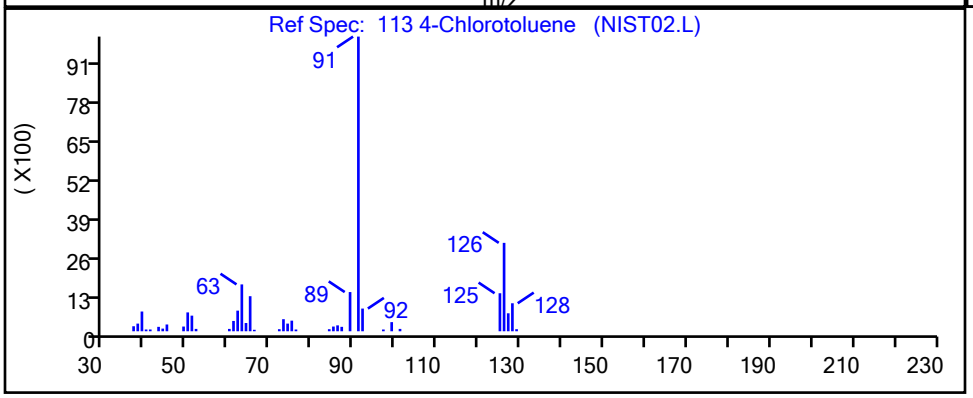
Processing Results











RT	Mass	Response	Amount
12.27	91.00	170	0.013846
12.28	126.00	34	

Reviewer: W9CM, 27-Oct-2023 13:21:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

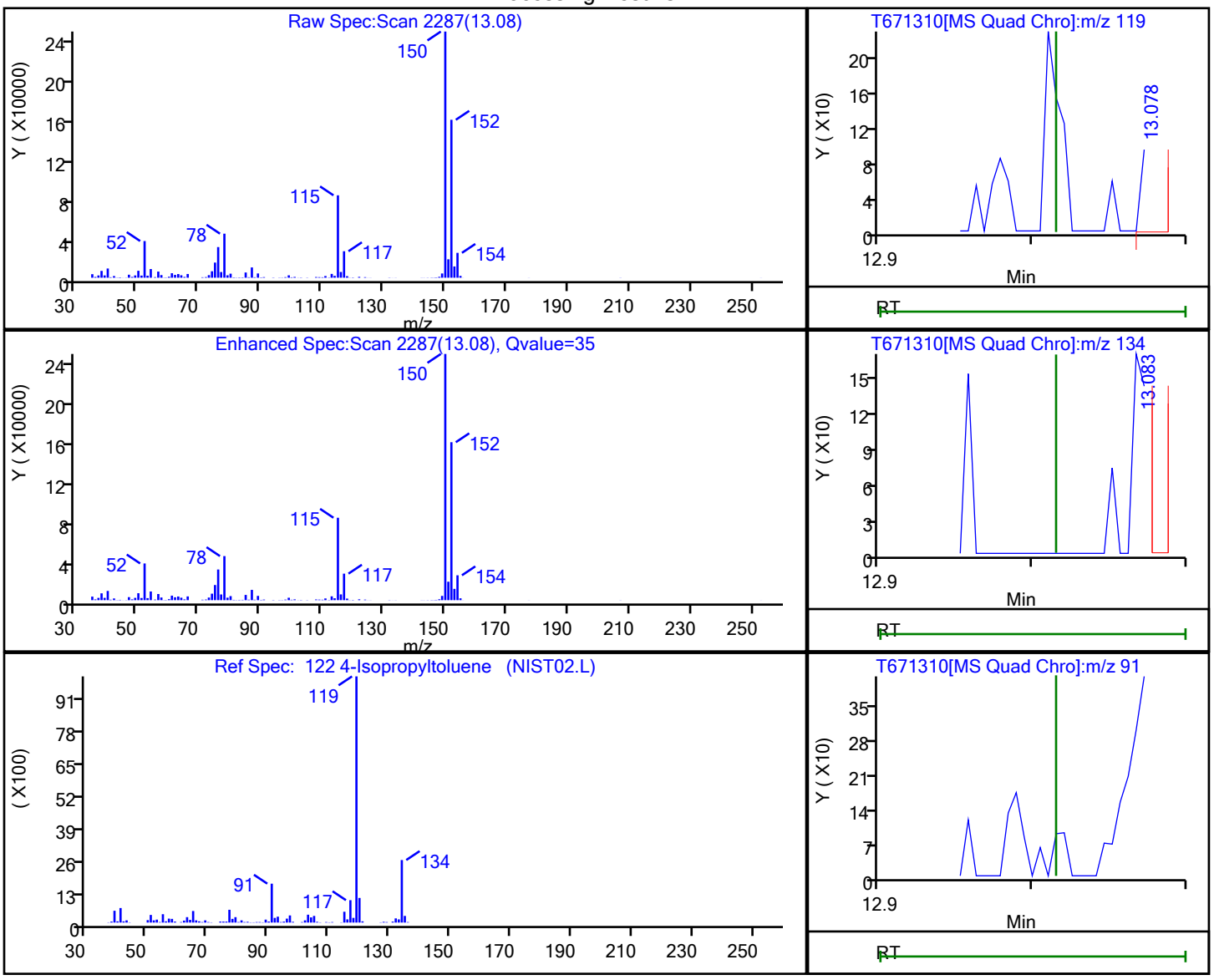
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.08	119.00	92	0.007244
13.08	134.00	69	
13.08	91.00	761	

Reviewer: W9CM, 27-Oct-2023 13:21:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

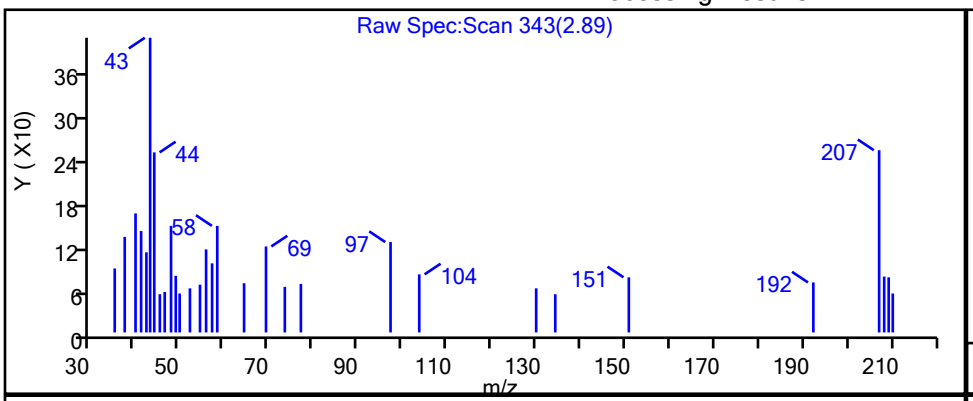
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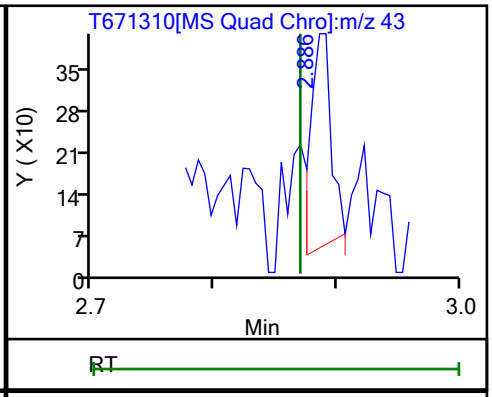
Eurofins Edison

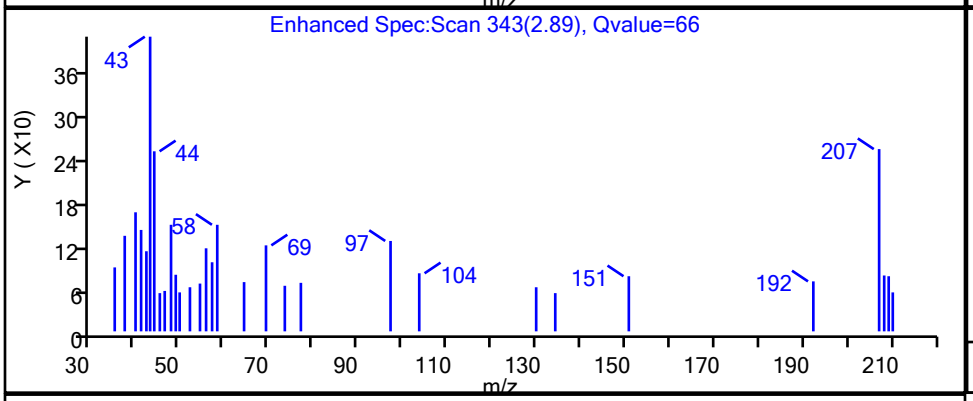
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

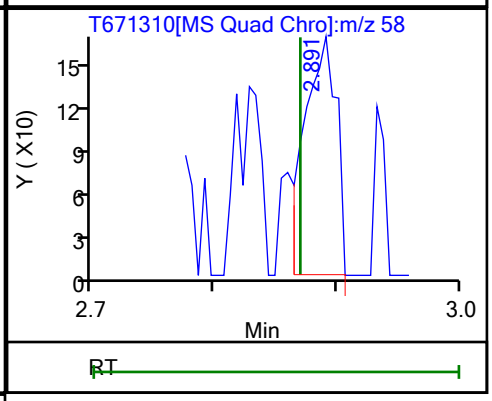
22 Acetone, CAS: 67-64-1

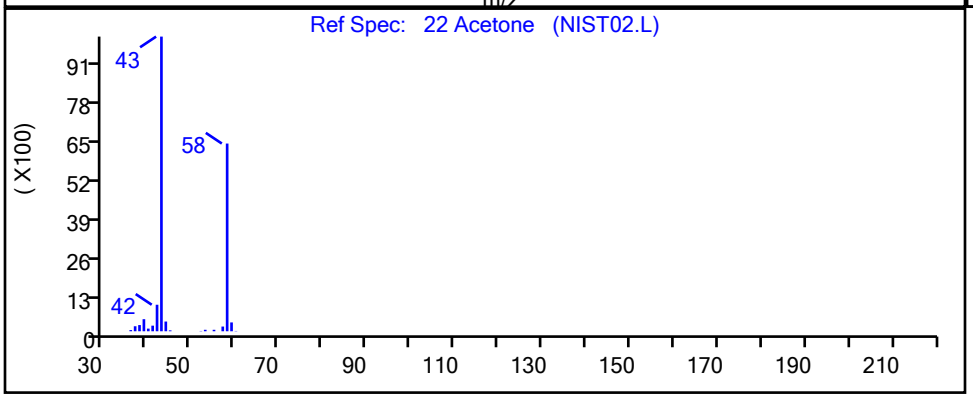
Processing Results











RT	Mass	Response	Amount
2.89	43.00	418	0.337513
2.89	58.00	305	

Reviewer: W9CM, 27-Oct-2023 13:19:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

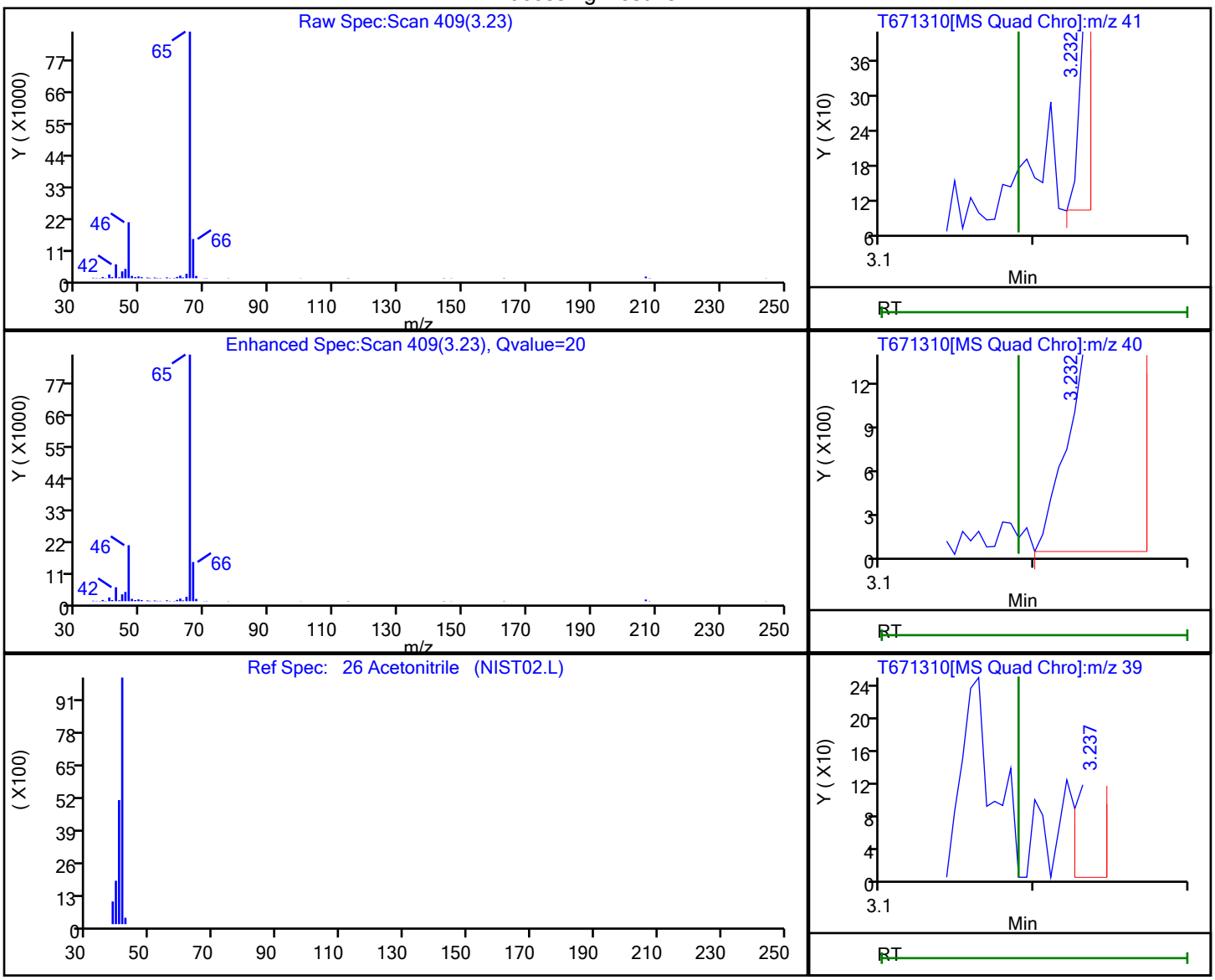
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.23	41.00	129	0.229775
3.23	40.00	2460	
3.24	39.00	161	
3.23	38.00	493	

Reviewer: W9CM, 27-Oct-2023 13:20:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

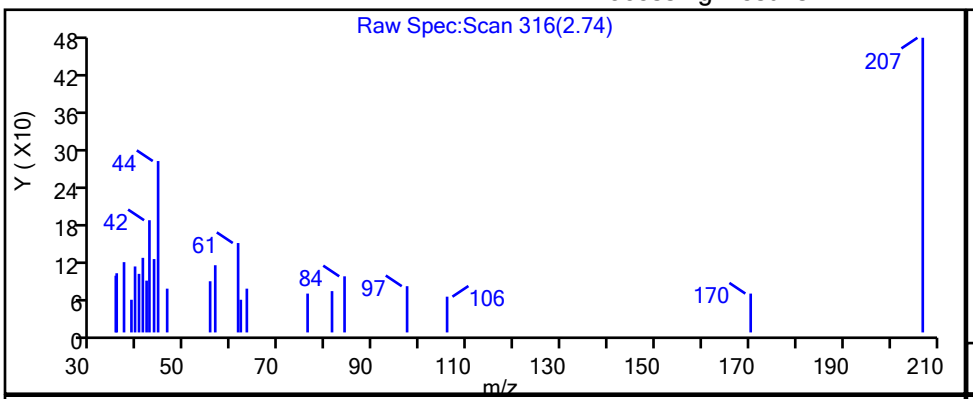
User Disabled Compound Report

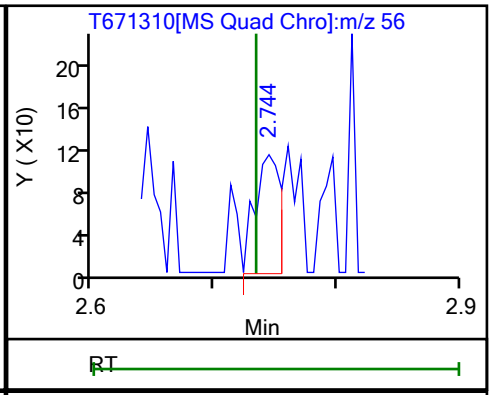
Eurofins Edison

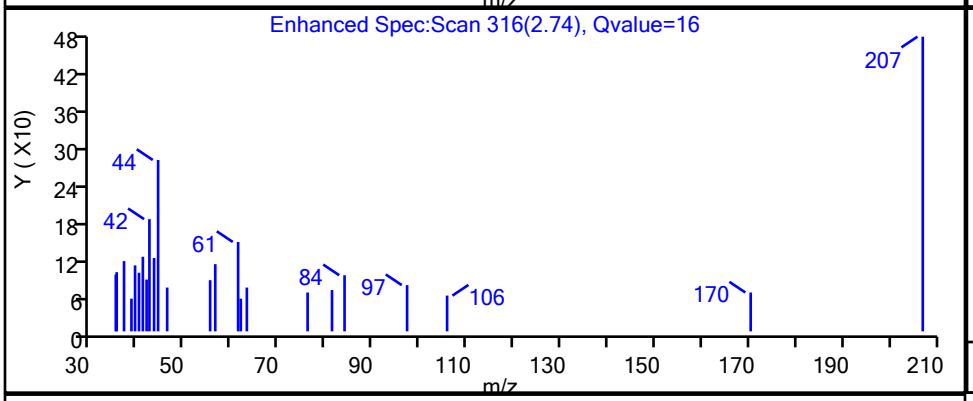
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

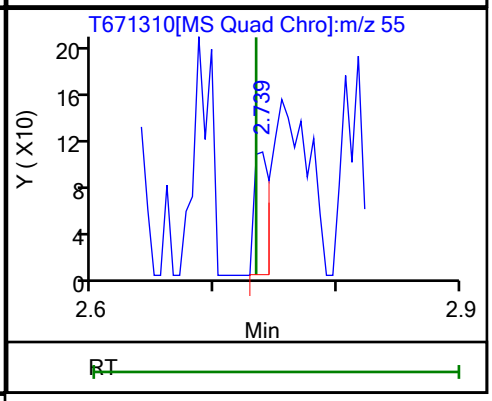
19 Acrolein, CAS: 107-02-8

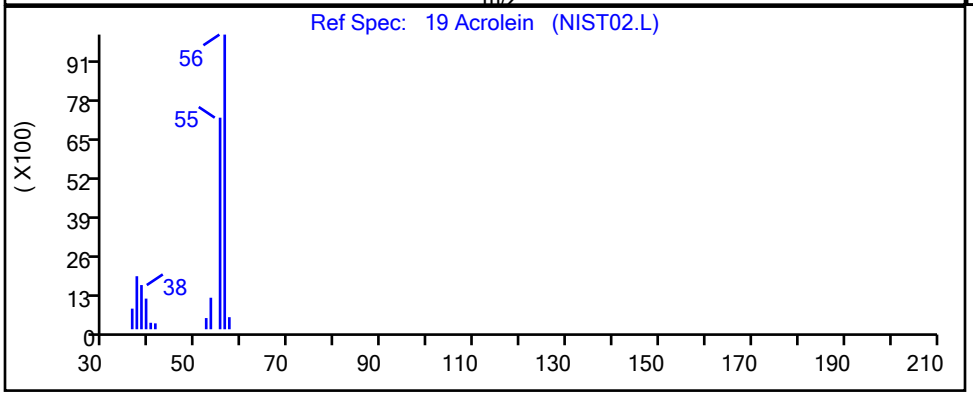
Processing Results











RT	Mass	Response	Amount
2.74	56.00	158	0.160660
2.74	55.00	93	

Reviewer: W9CM, 27-Oct-2023 13:19:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

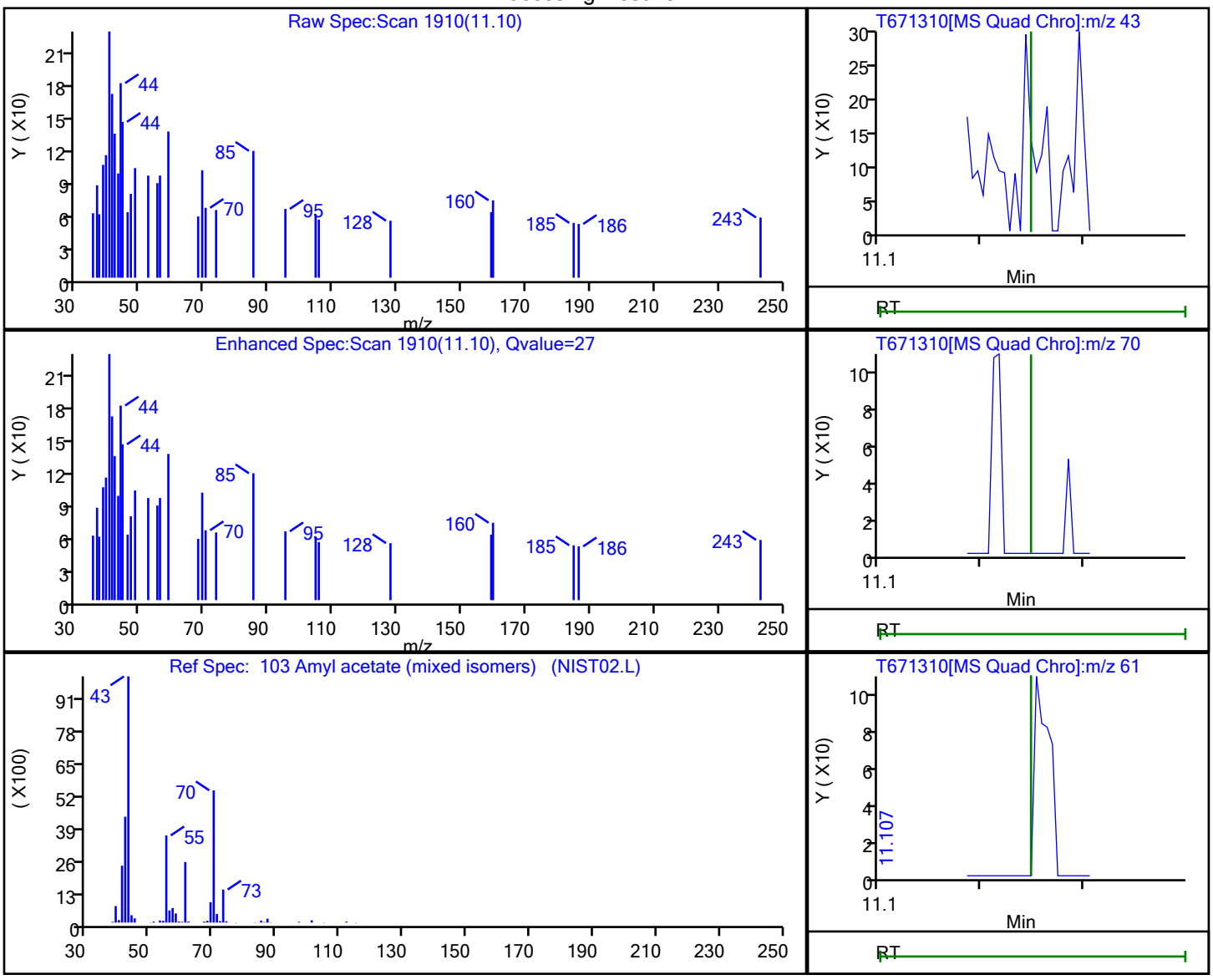
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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

Processing Results



RT	Mass	Response	Amount
11.10	43.00	221	0.478752
11.11	70.00	41	
11.11	61.00	46	

Reviewer: W9CM, 27-Oct-2023 13:21:37 -04:00:00 (UTC)
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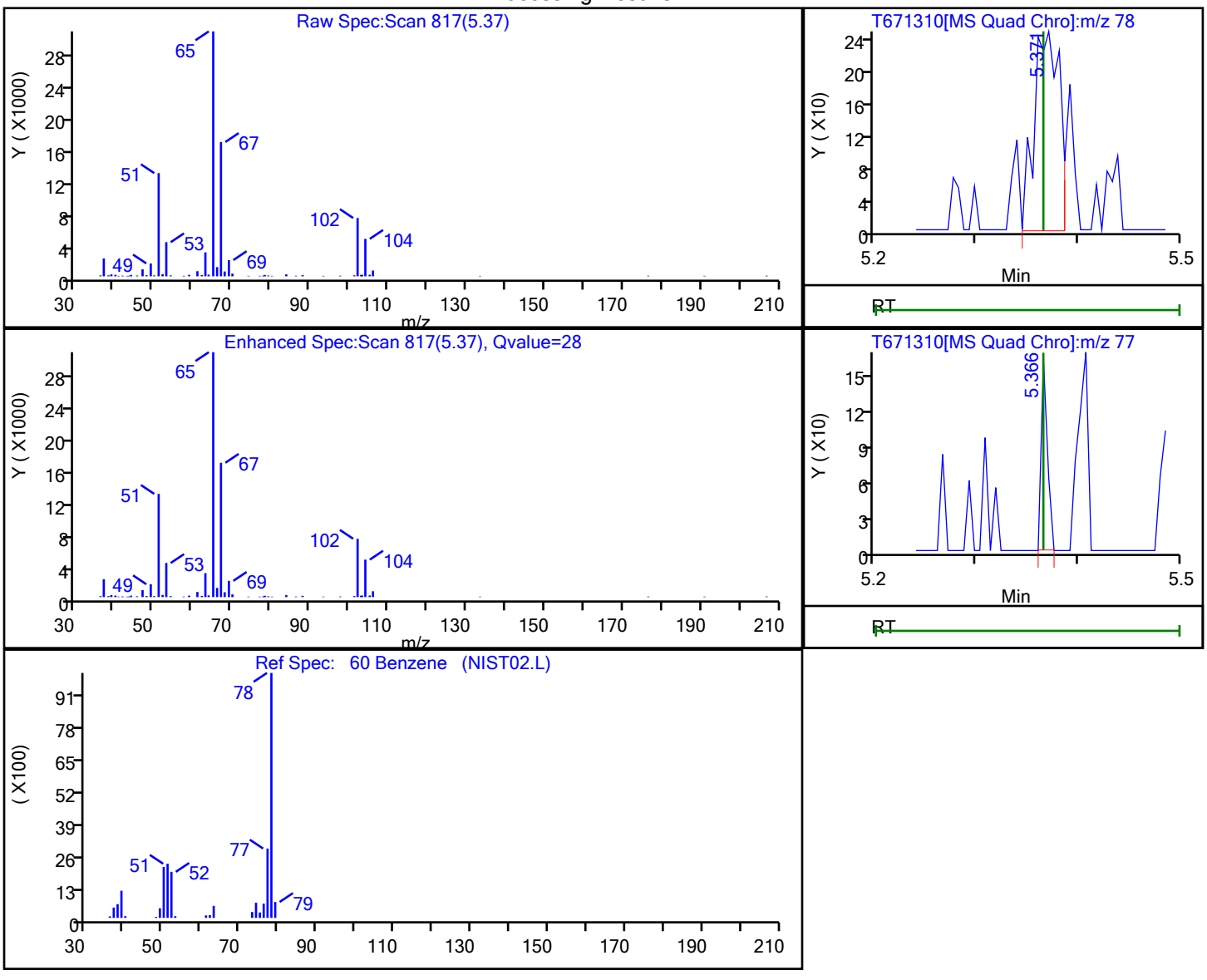
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
5.37	78.00	436	0.031508
5.37	77.00	70	

Reviewer: W9CM, 27-Oct-2023 13:20:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

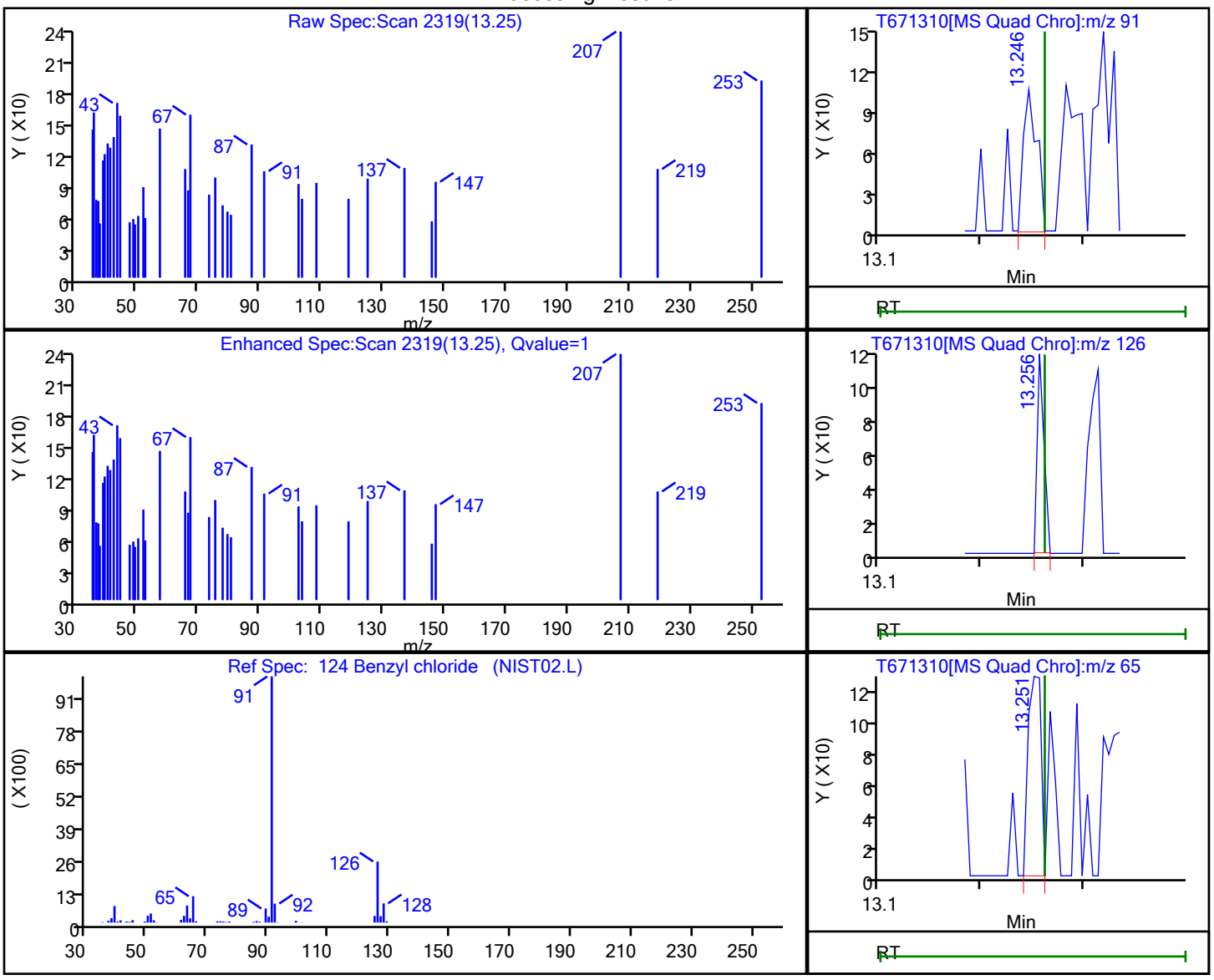
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.25	91.00	93	0.014110
13.26	126.00	53	
13.25	65.00	110	

Reviewer: W9CM, 27-Oct-2023 13:21:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

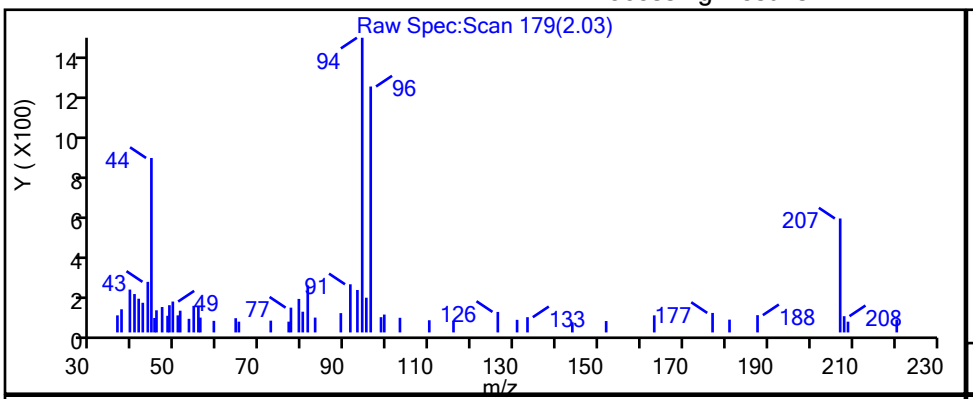
User Disabled Compound Report

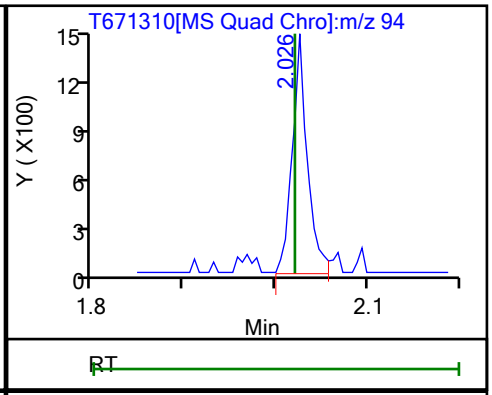
Eurofins Edison

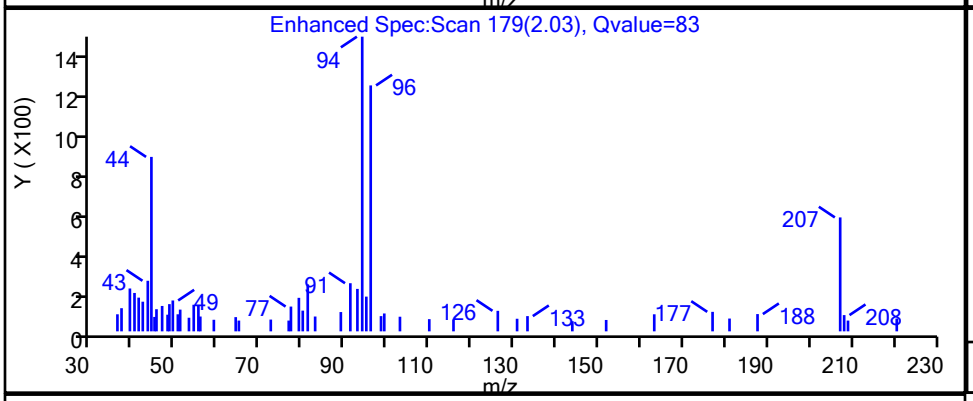
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

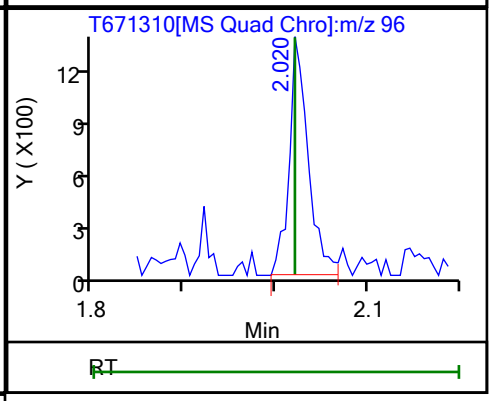
9 Bromomethane, CAS: 74-83-9

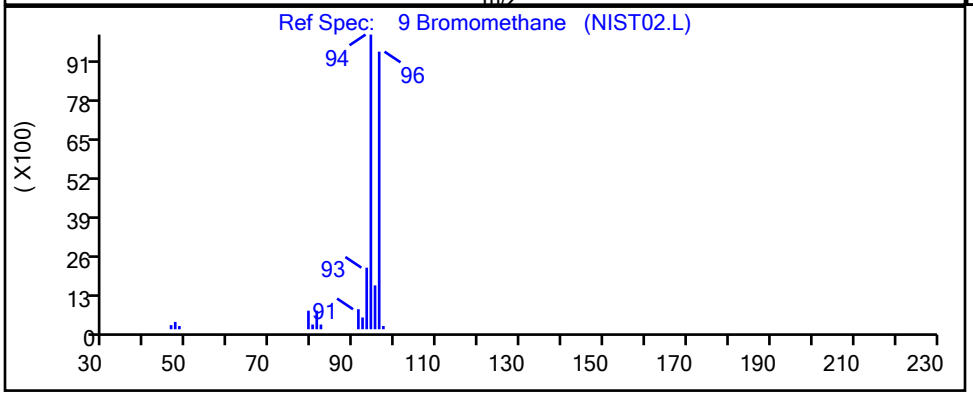
Processing Results











RT	Mass	Response	Amount
2.03	94.00	1655	0.299806
2.02	96.00	2018	

Reviewer: W9CM, 27-Oct-2023 13:19:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

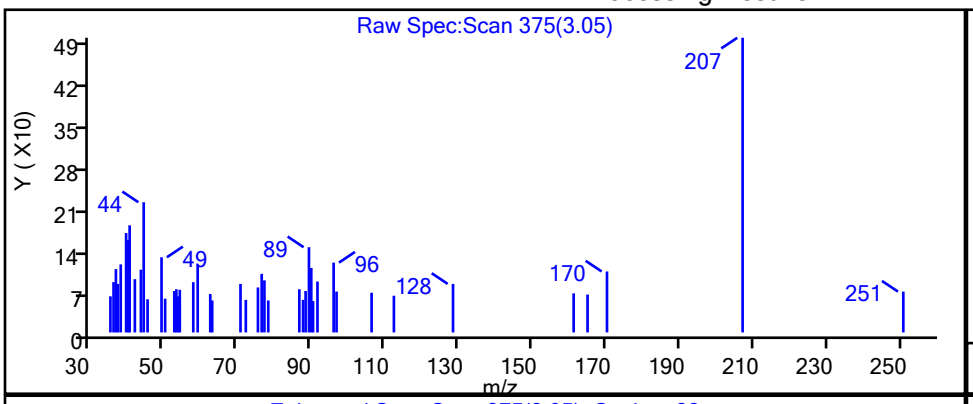
User Disabled Compound Report

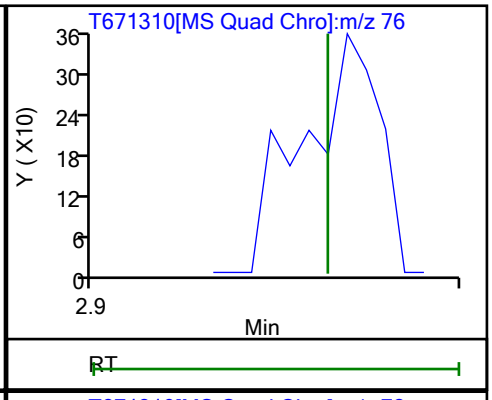
Eurofins Edison

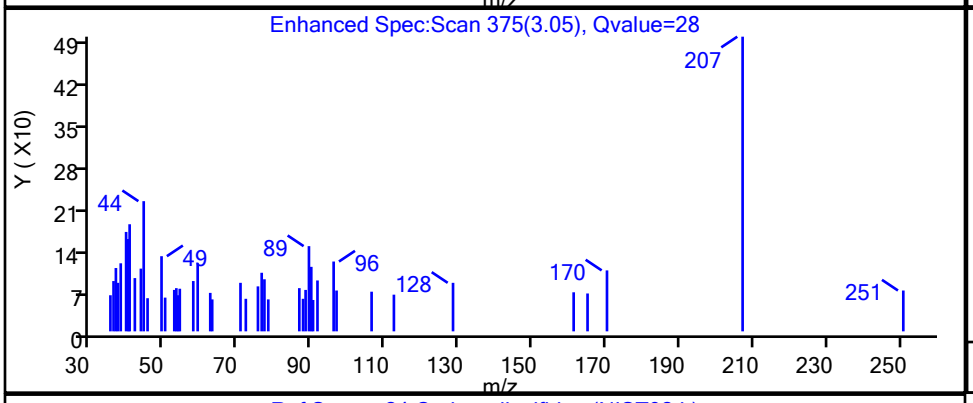
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

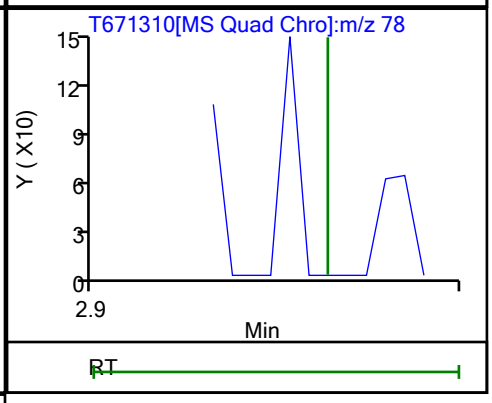
24 Carbon disulfide, CAS: 75-15-0

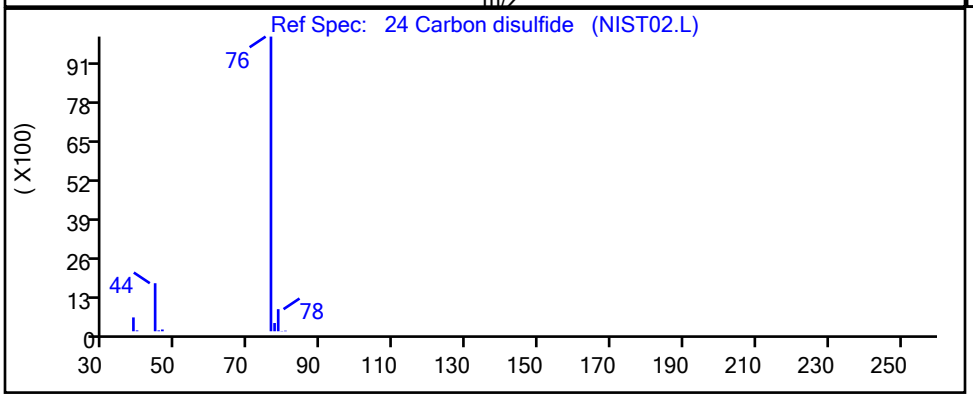
Processing Results











RT	Mass	Response	Amount
3.05	76.00	31	0.004199
3.06	78.00	34	

Reviewer: W9CM, 27-Oct-2023 13:20:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

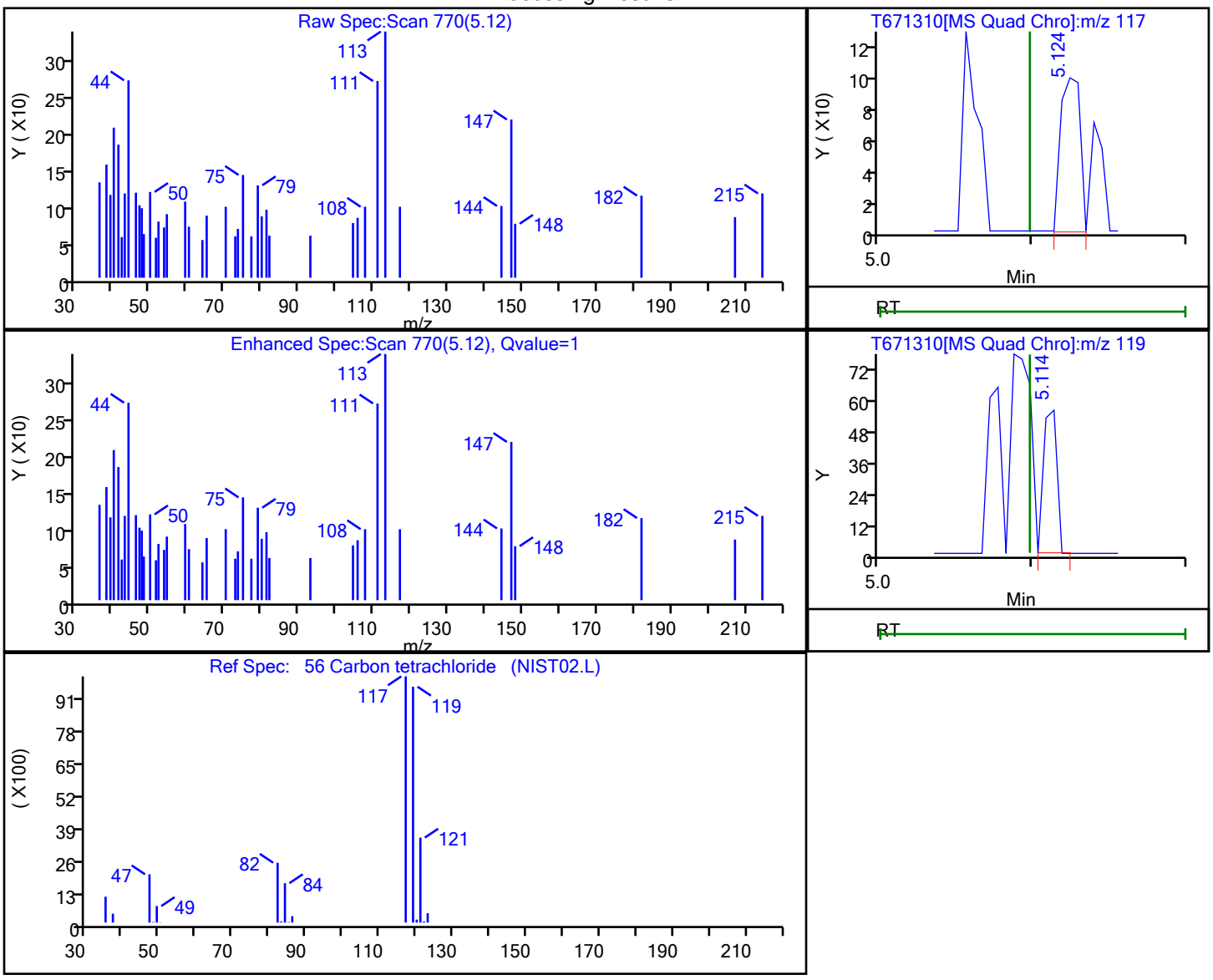
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
5.12	117.00	85	0.015481
5.11	119.00	34	

Reviewer: W9CM, 27-Oct-2023 13:20:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

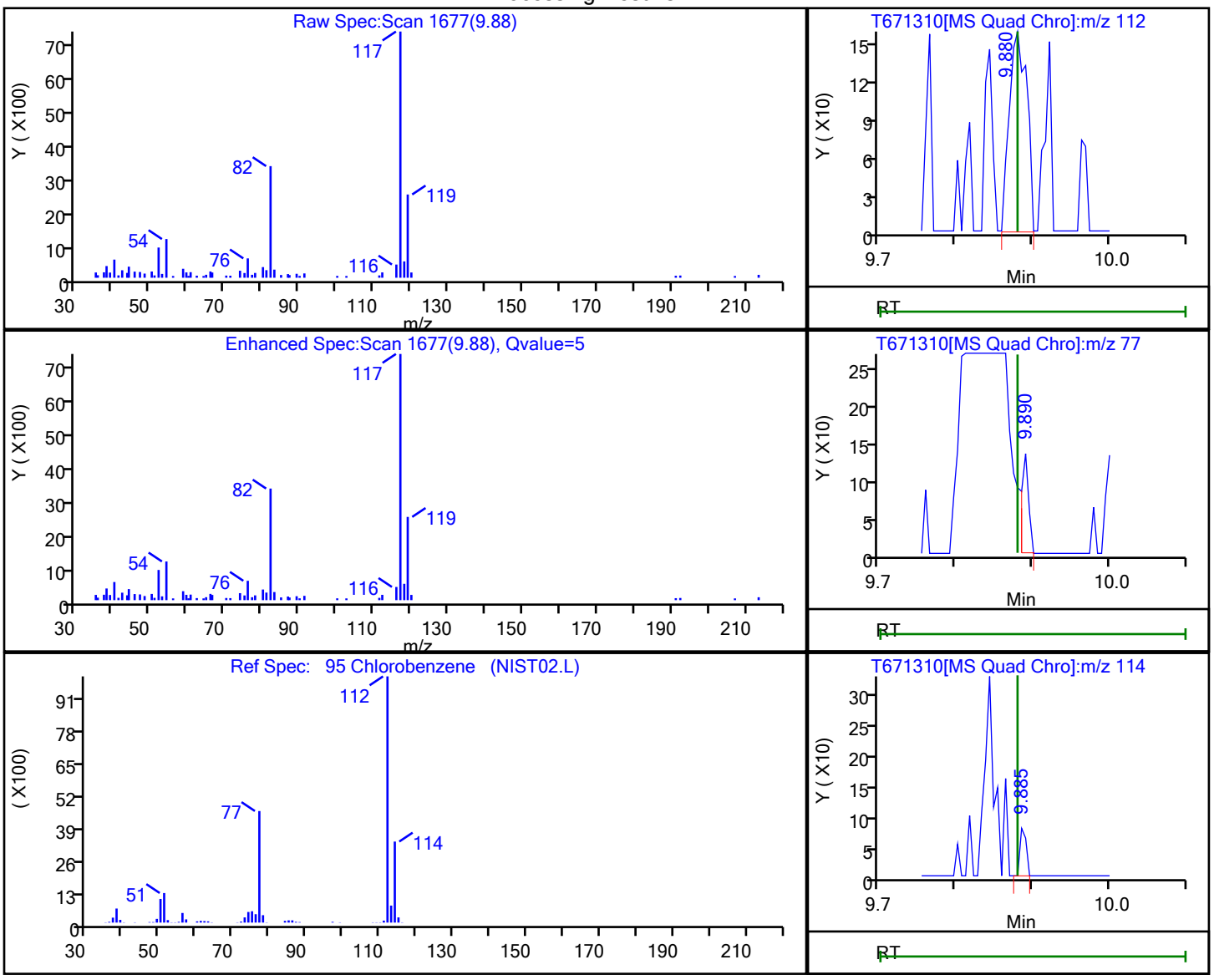
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.88	112.00	252	0.016002
9.89	77.00	84	
9.89	114.00	44	

Reviewer: W9CM, 27-Oct-2023 13:21:30 -04:00:00 (UTC)
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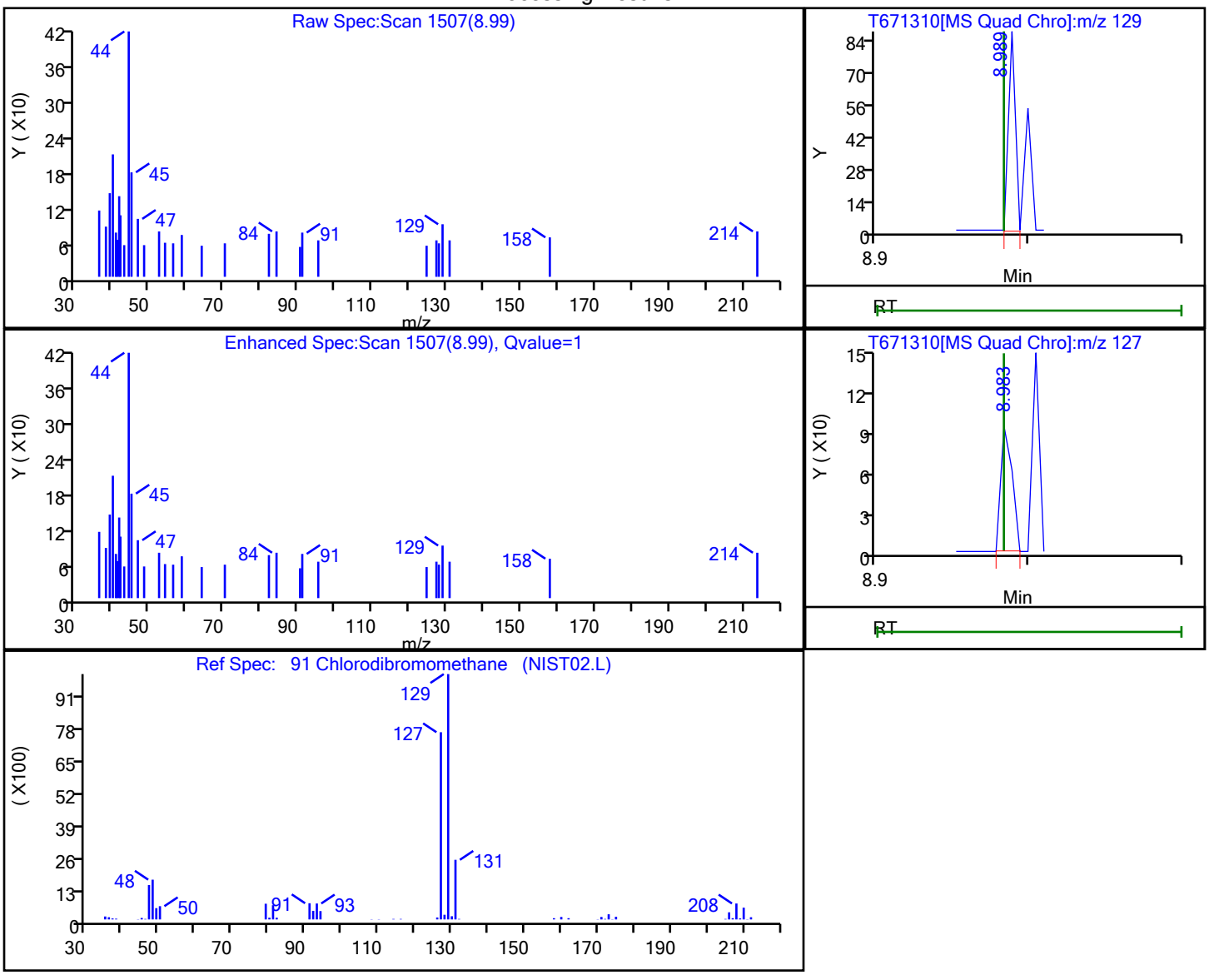
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
8.99	129.00	28	0.008531
8.98	127.00	49	

Reviewer: W9CM, 27-Oct-2023 13:21:28 -04:00:00 (UTC)
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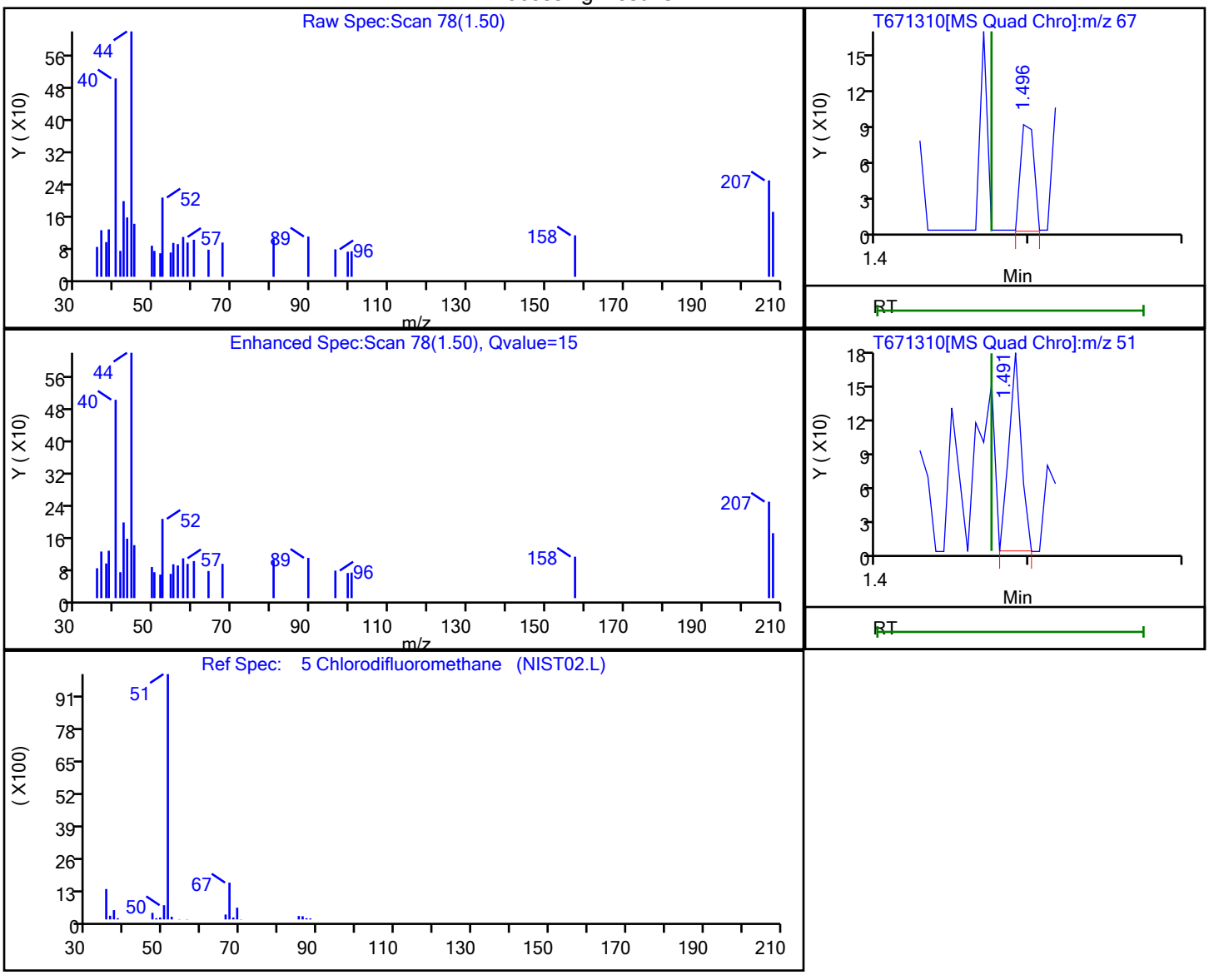
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.50	67.00	53	0.066985
1.49	51.00	97	

Reviewer: W9CM, 27-Oct-2023 13:19:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

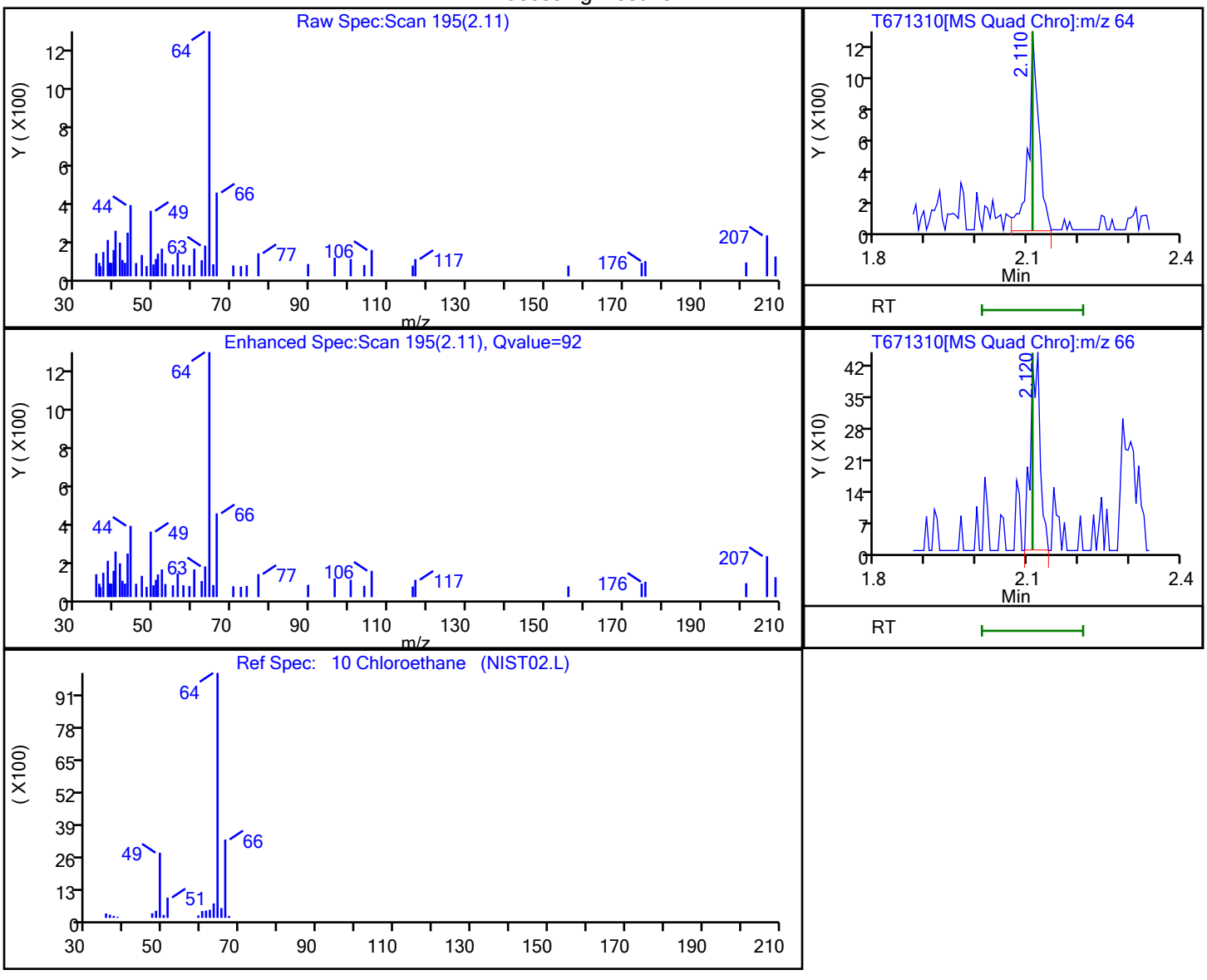
User Disabled Compound Report

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.11	64.00	1706	0.855799
2.12	66.00	582	

Reviewer: W9CM, 27-Oct-2023 13:19:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

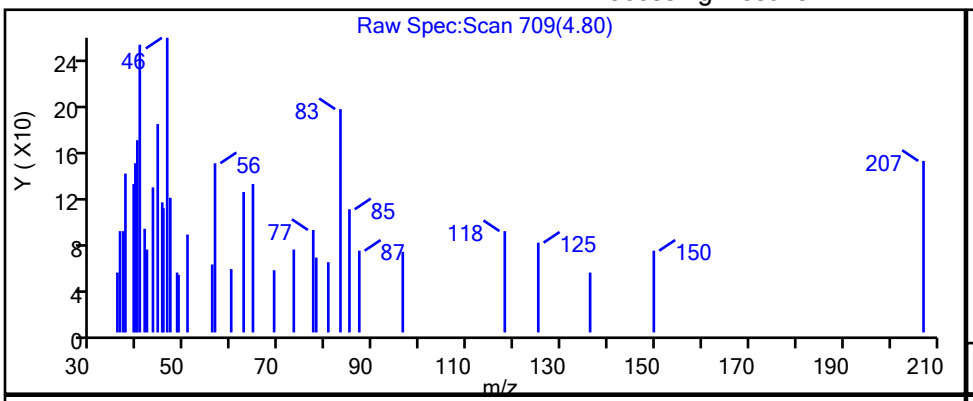
User Disabled Compound Report

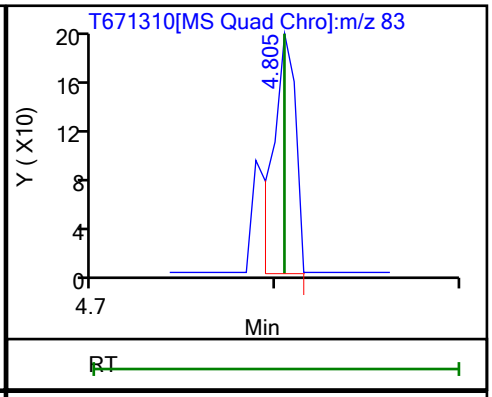
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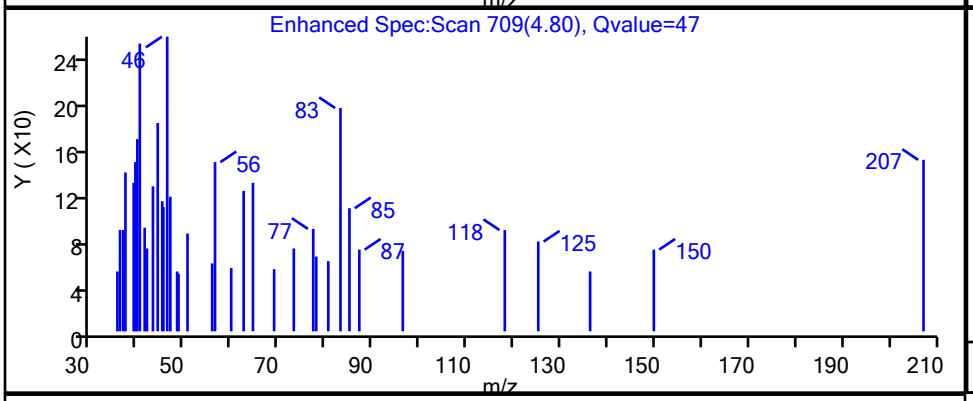
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

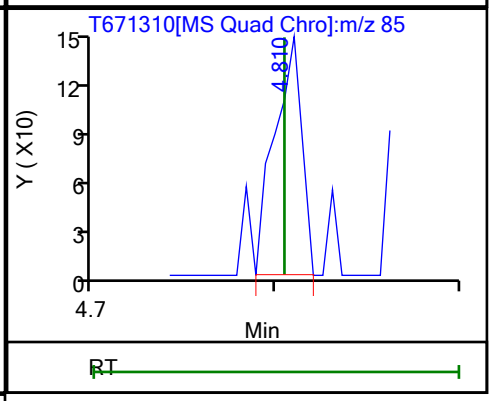
52 Chloroform, CAS: 67-66-3

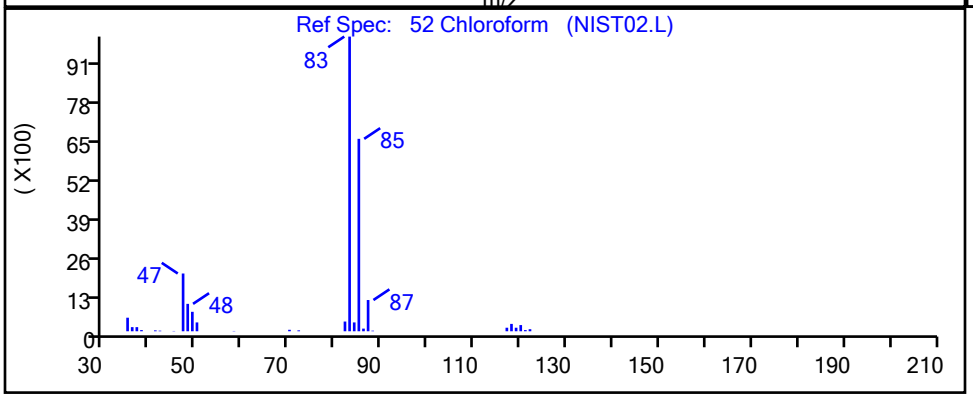
Processing Results











RT	Mass	Response	Amount
4.80	83.00	166	0.023301
4.81	85.00	150	

Reviewer: W9CM, 27-Oct-2023 13:20:42 -04:00:00 (UTC)
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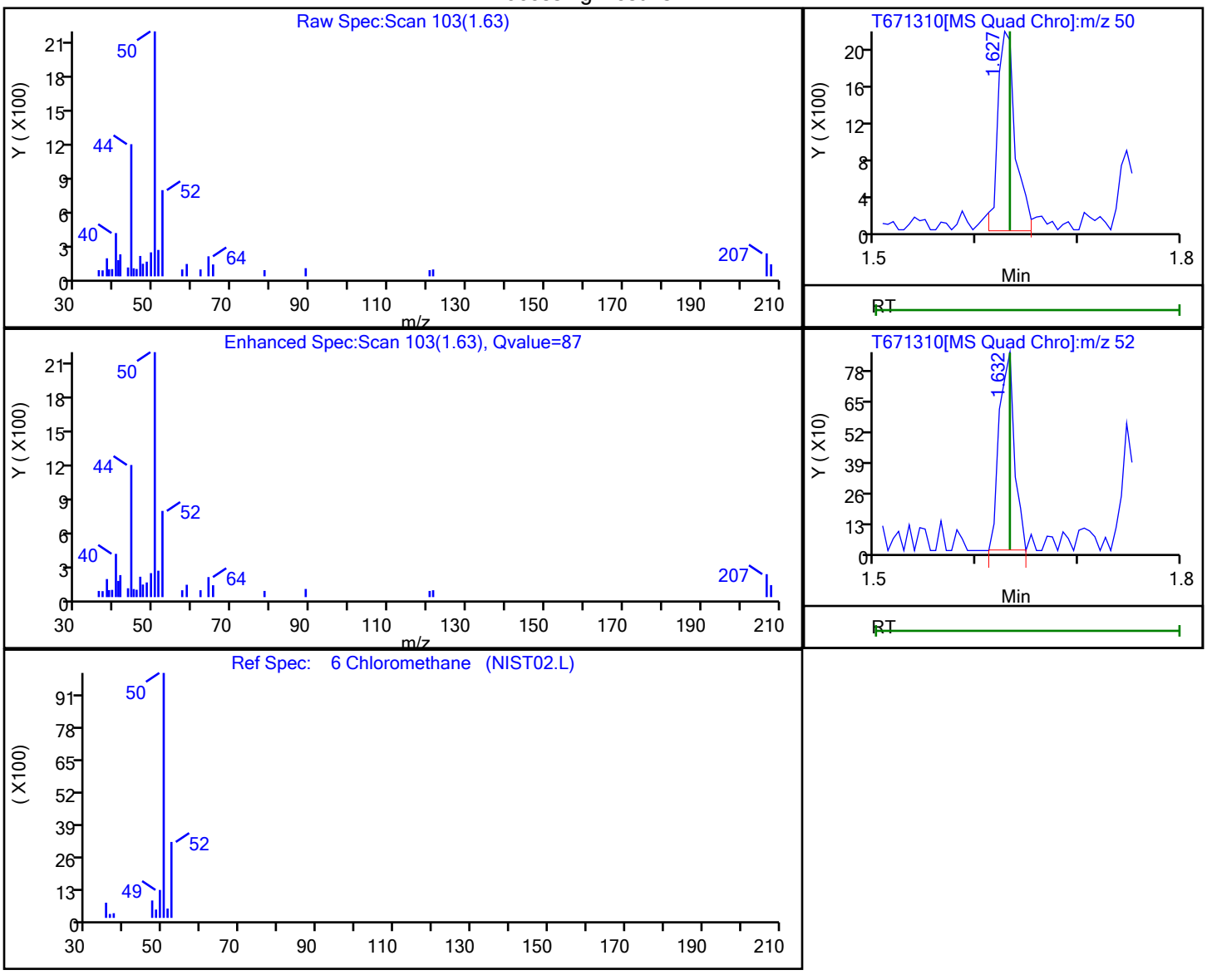
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.63	50.00	2515	0.250000
1.63	52.00	889	

Reviewer: W9CM, 27-Oct-2023 13:19:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

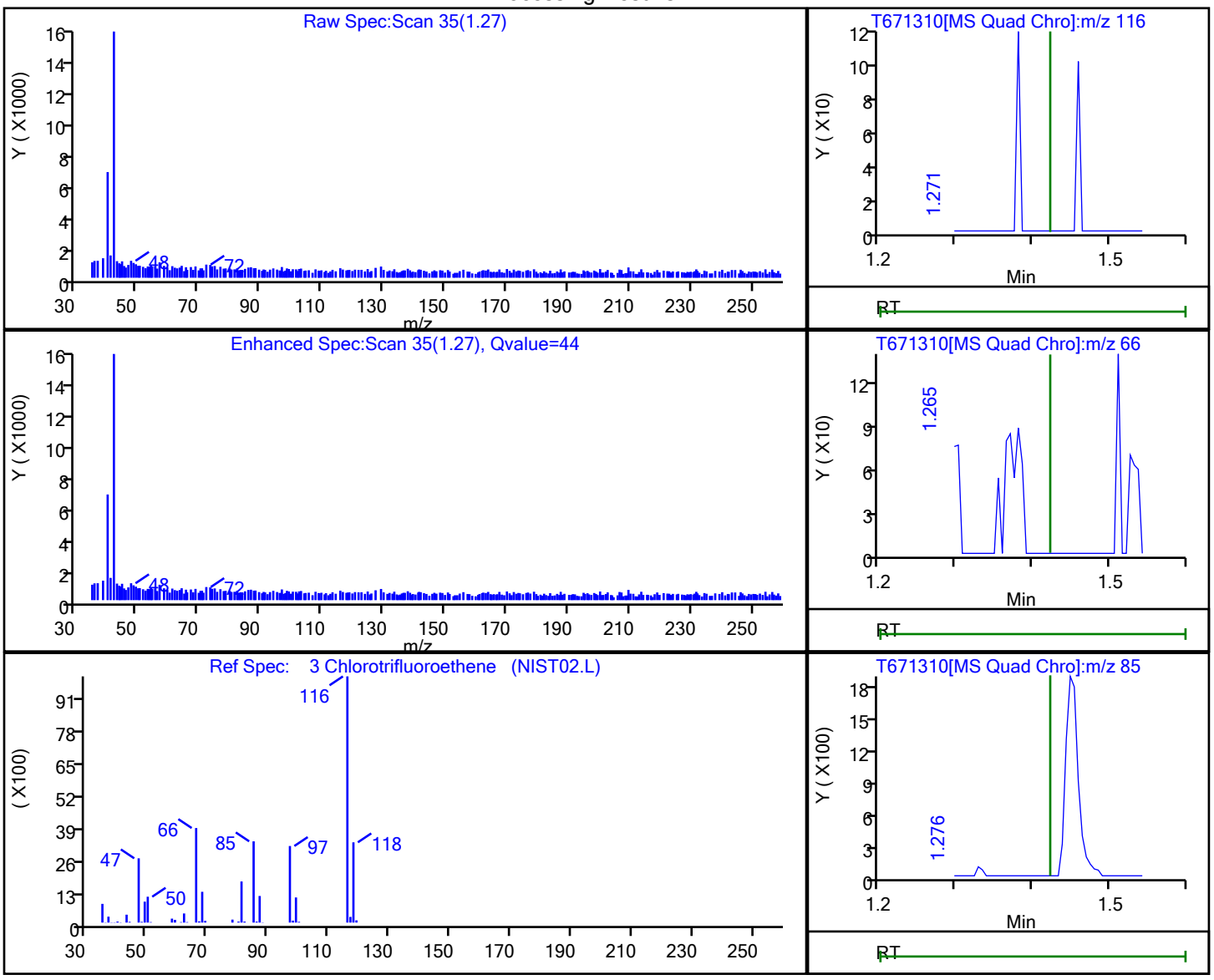
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.27	116.00	908	0.719311
1.27	66.00	766	
1.28	85.00	552	
1.27	118.00	582	

Reviewer: W9CM, 27-Oct-2023 13:19:13 -04:00:00 (UTC)
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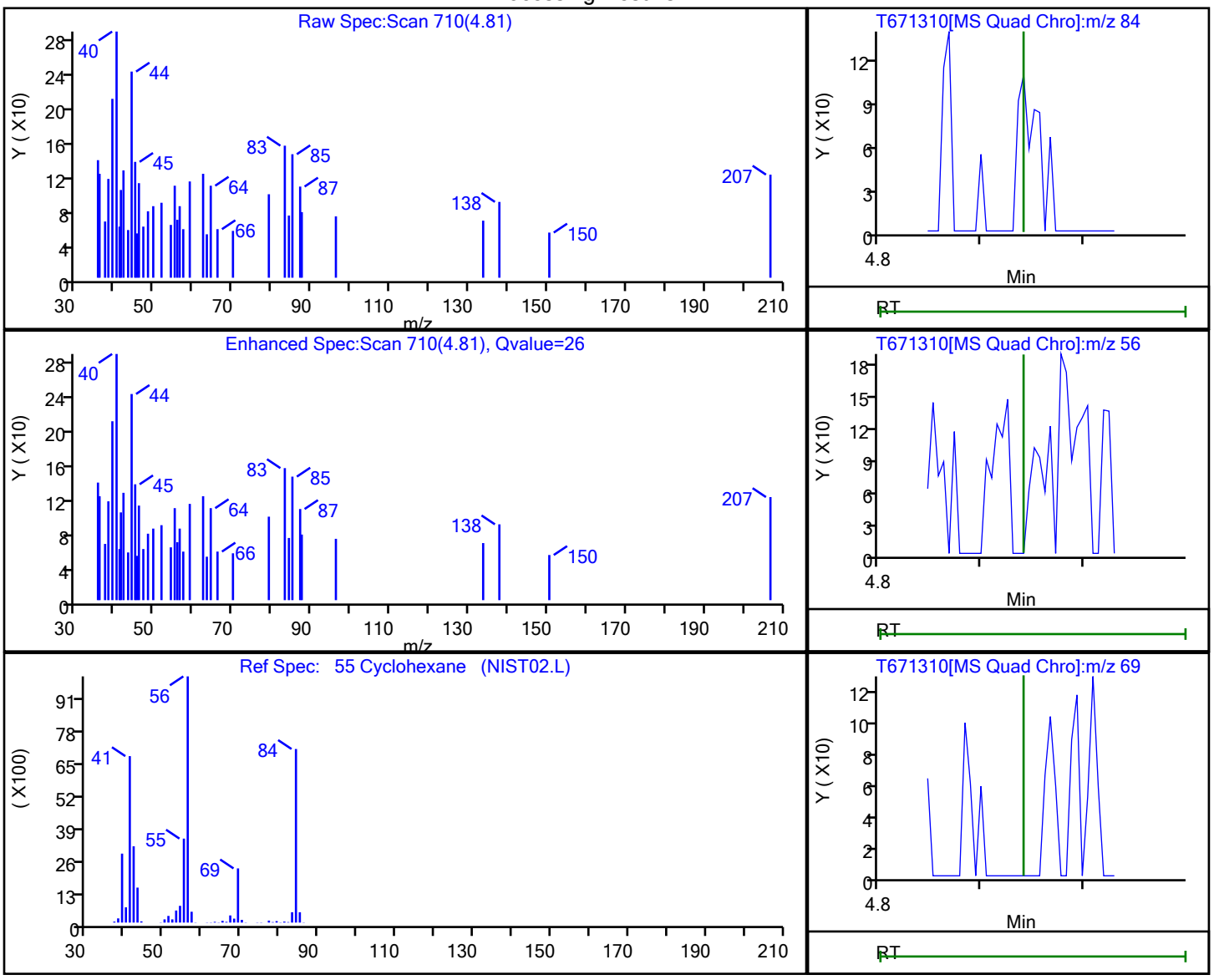
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.81	84.00	65	0.014222
4.80	56.00	73	
4.80	69.00	17	

Reviewer: W9CM, 27-Oct-2023 13:20:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

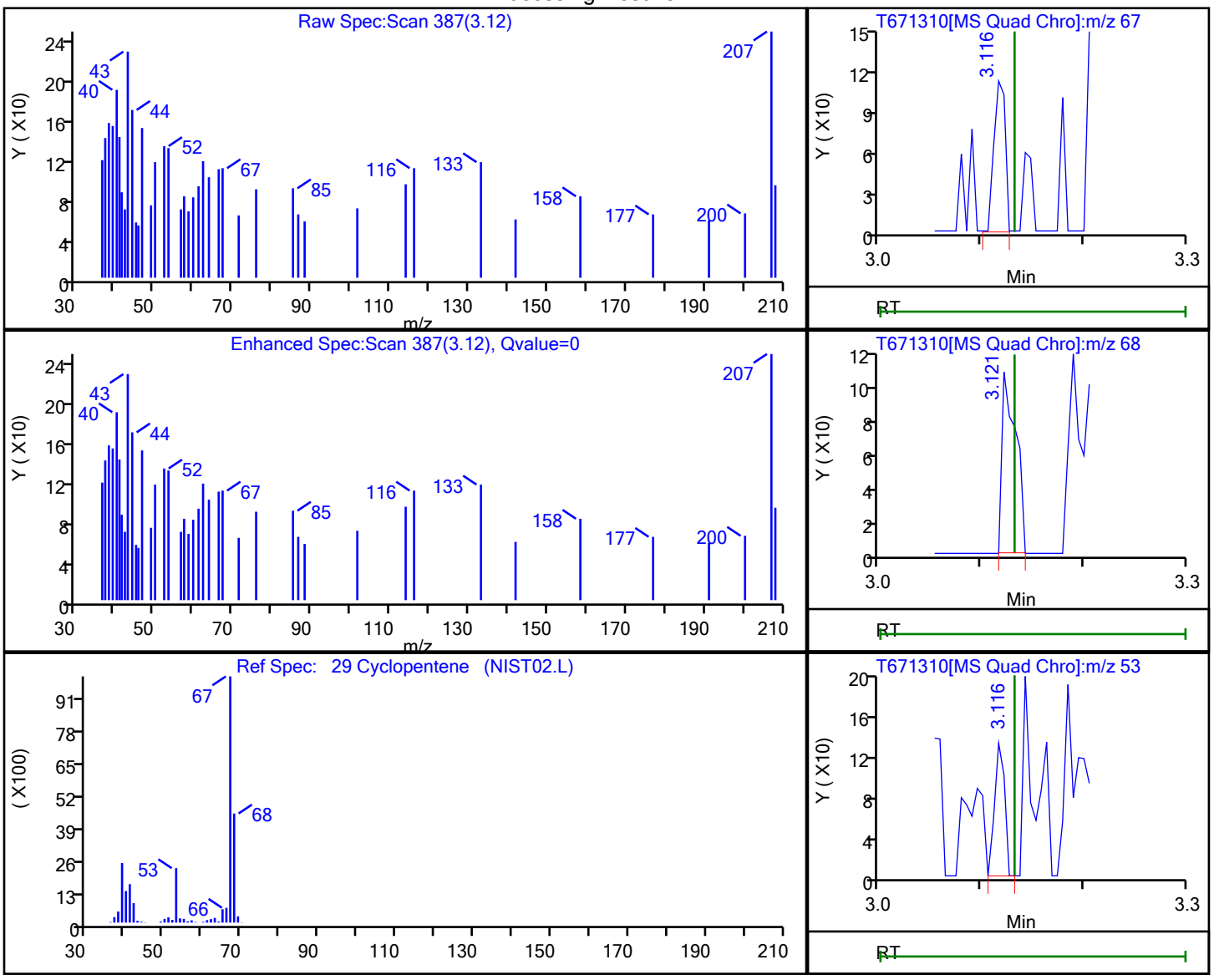
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.12	67.00	84	0.015549
3.12	68.00	97	
3.12	53.00	88	

Reviewer: W9CM, 27-Oct-2023 13:20:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

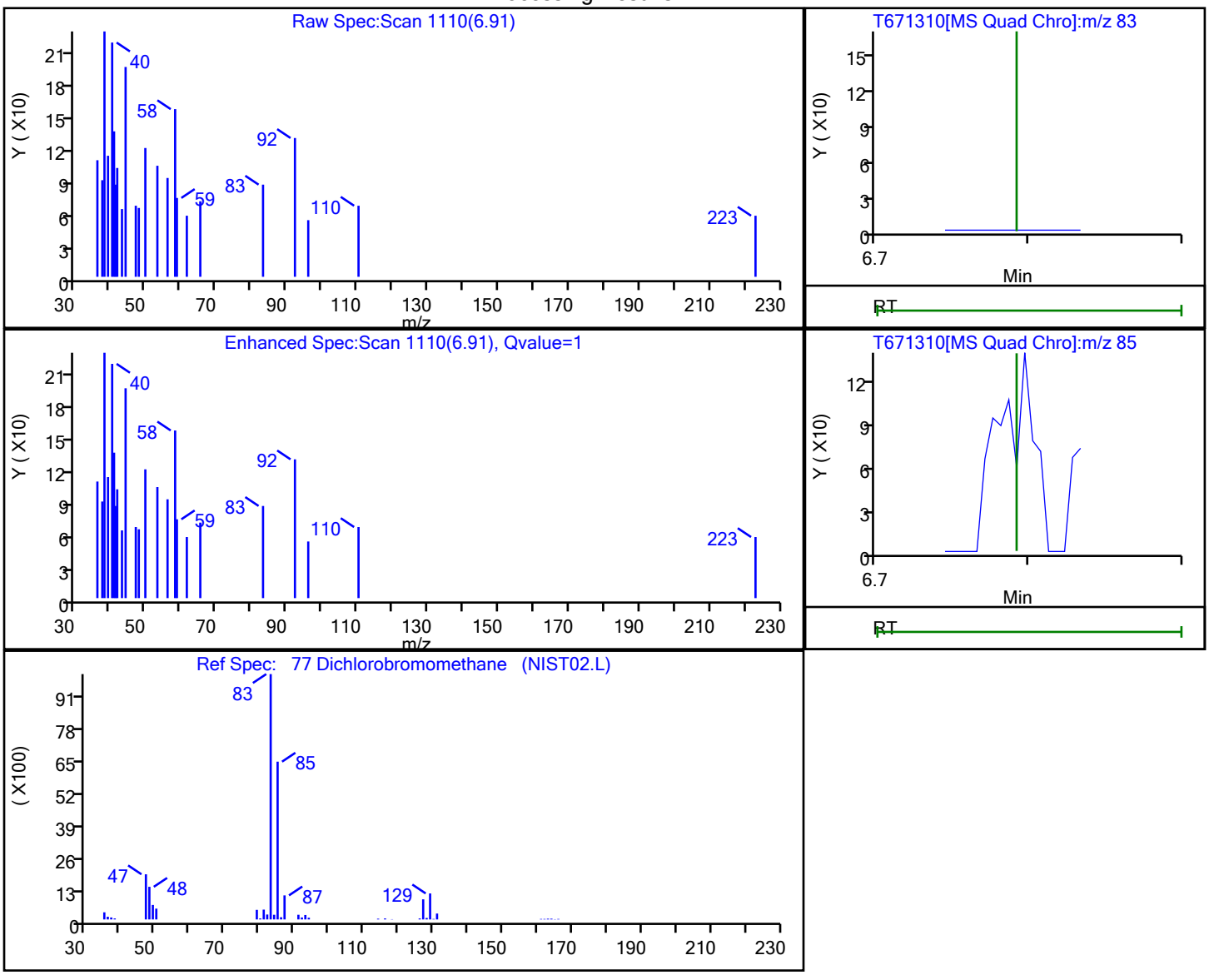
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
6.91	83.00	43	0.024873
6.91	85.00	48	

Reviewer: W9CM, 27-Oct-2023 13:21:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

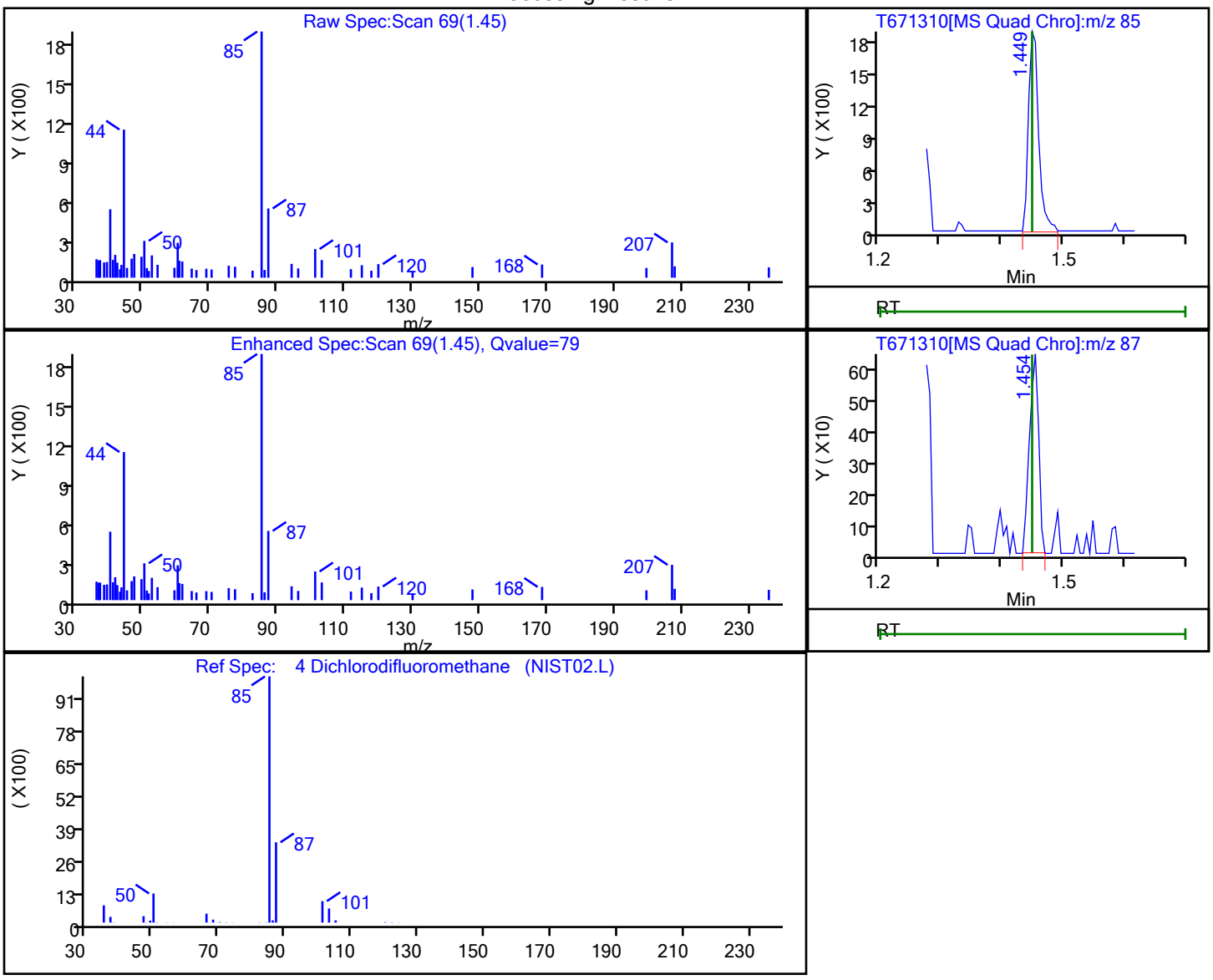
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.45	85.00	2159	0.250000
1.45	87.00	670	

Reviewer: W9CM, 27-Oct-2023 13:19:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

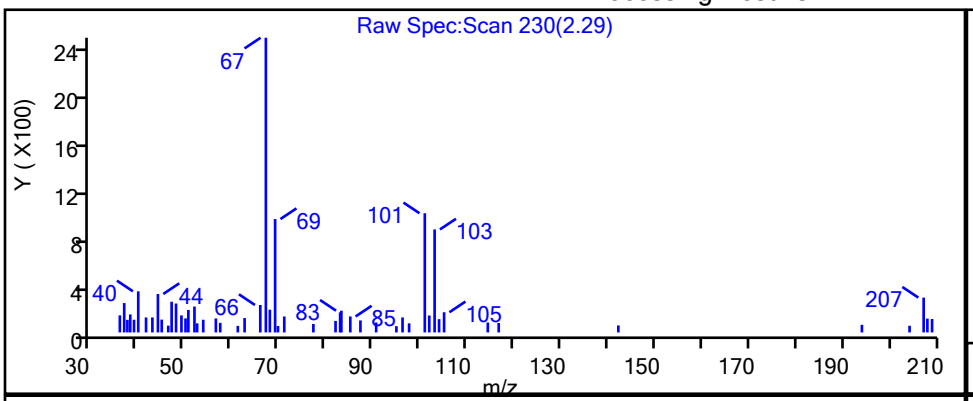
User Disabled Compound Report

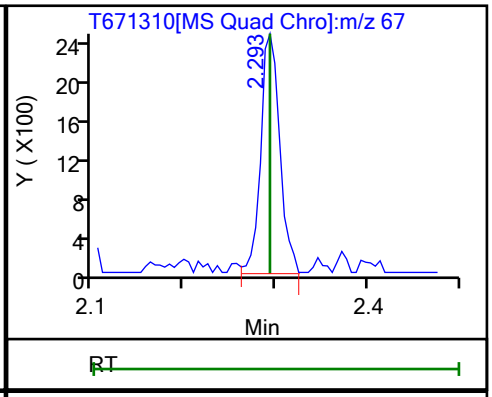
Eurofins Edison

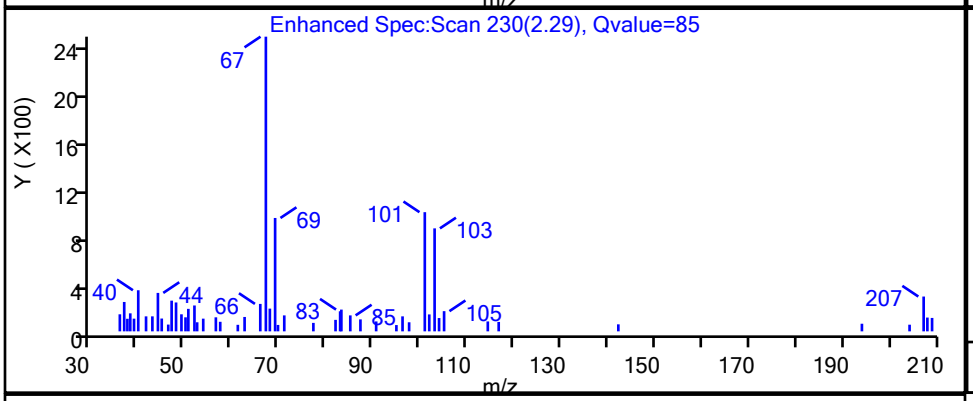
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

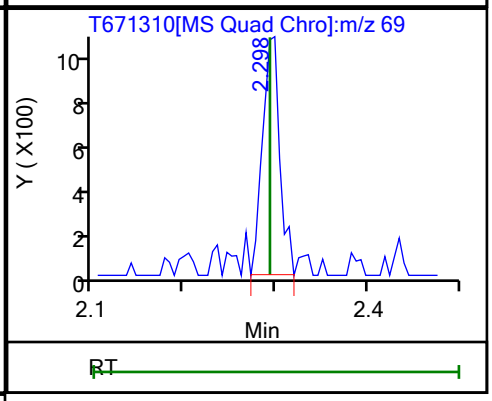
11 Dichlorofluoromethane, CAS: 75-43-4

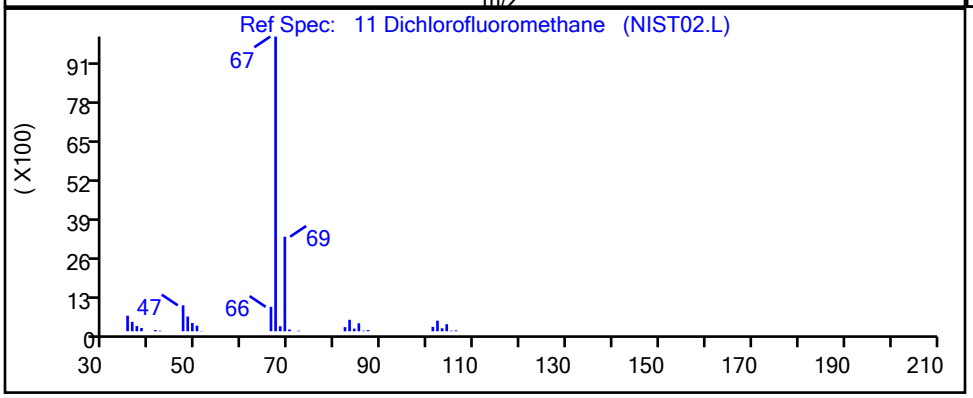
Processing Results











RT	Mass	Response	Amount
2.29	67.00	3511	0.250000
2.30	69.00	1324	

Reviewer: W9CM, 27-Oct-2023 13:19:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

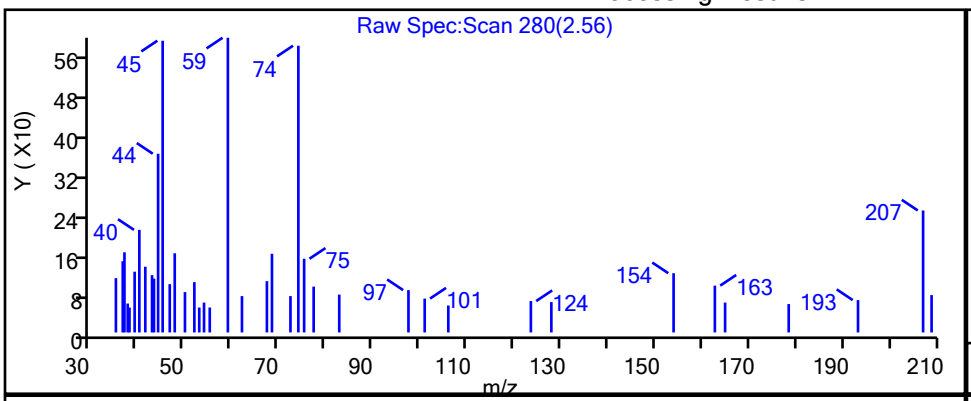
User Disabled Compound Report

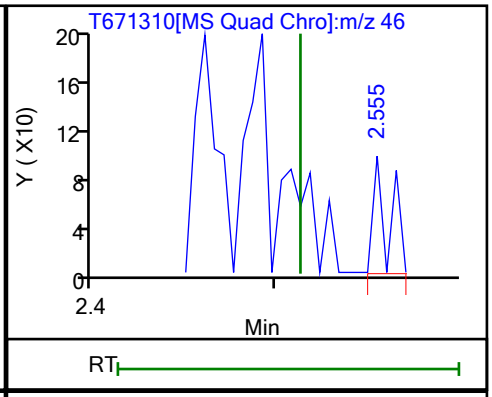
Eurofins Edison

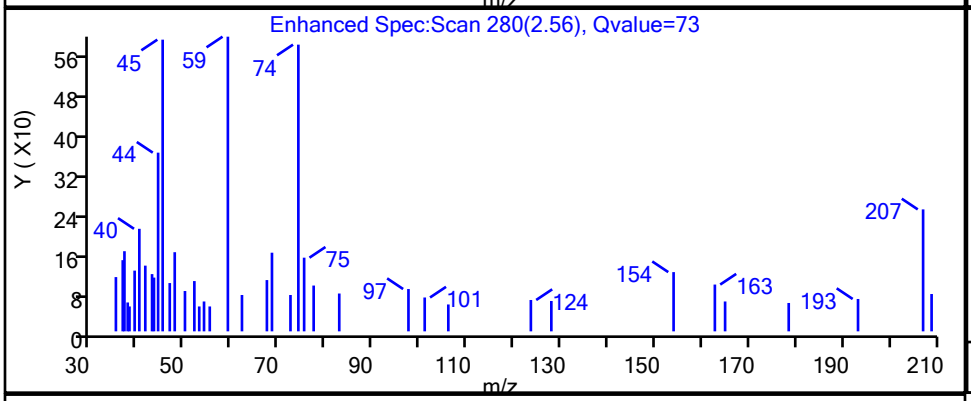
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

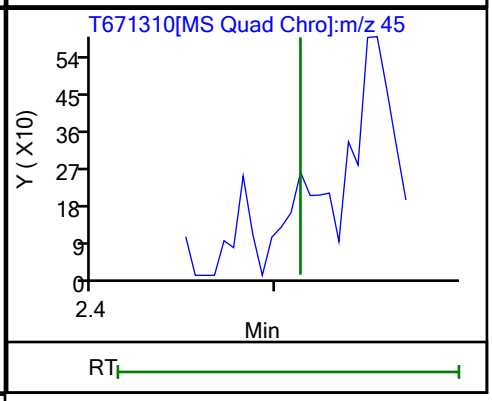
14 Ethanol, CAS: 64-17-5

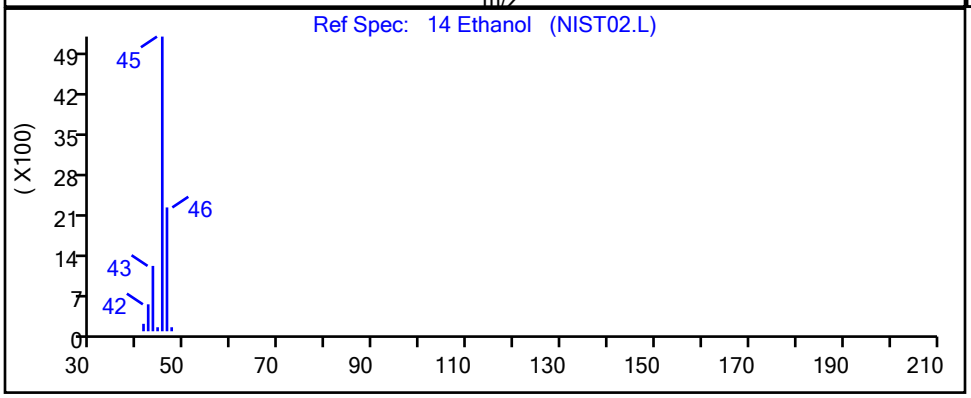
Processing Results











RT	Mass	Response	Amount
2.56	46.00	57	2.854533
2.56	45.00	1117	

Reviewer: W9CM, 27-Oct-2023 13:19:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

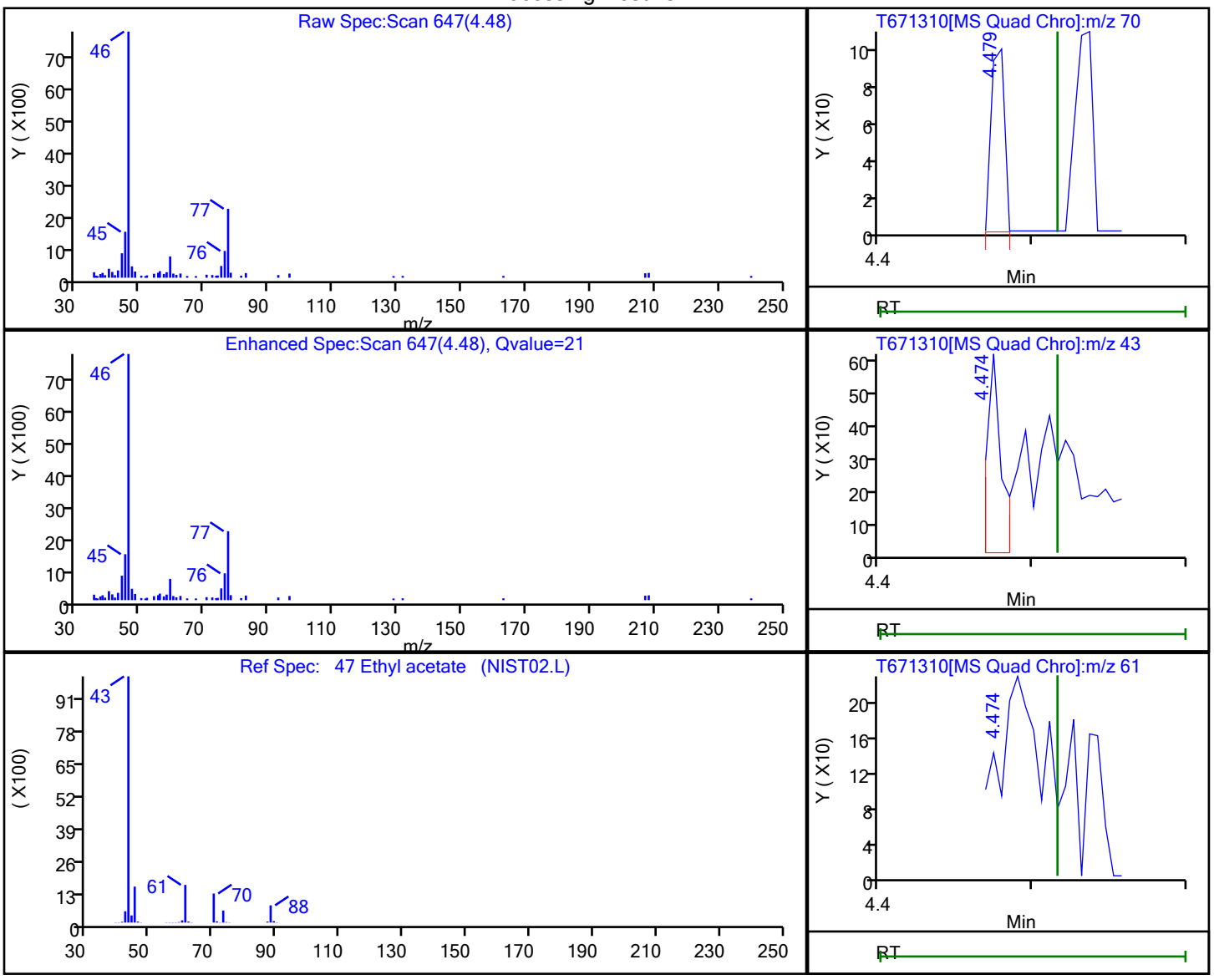
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.48	70.00	57	0.205917
4.47	43.00	409	
4.47	61.00	118	

Reviewer: W9CM, 27-Oct-2023 13:20:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

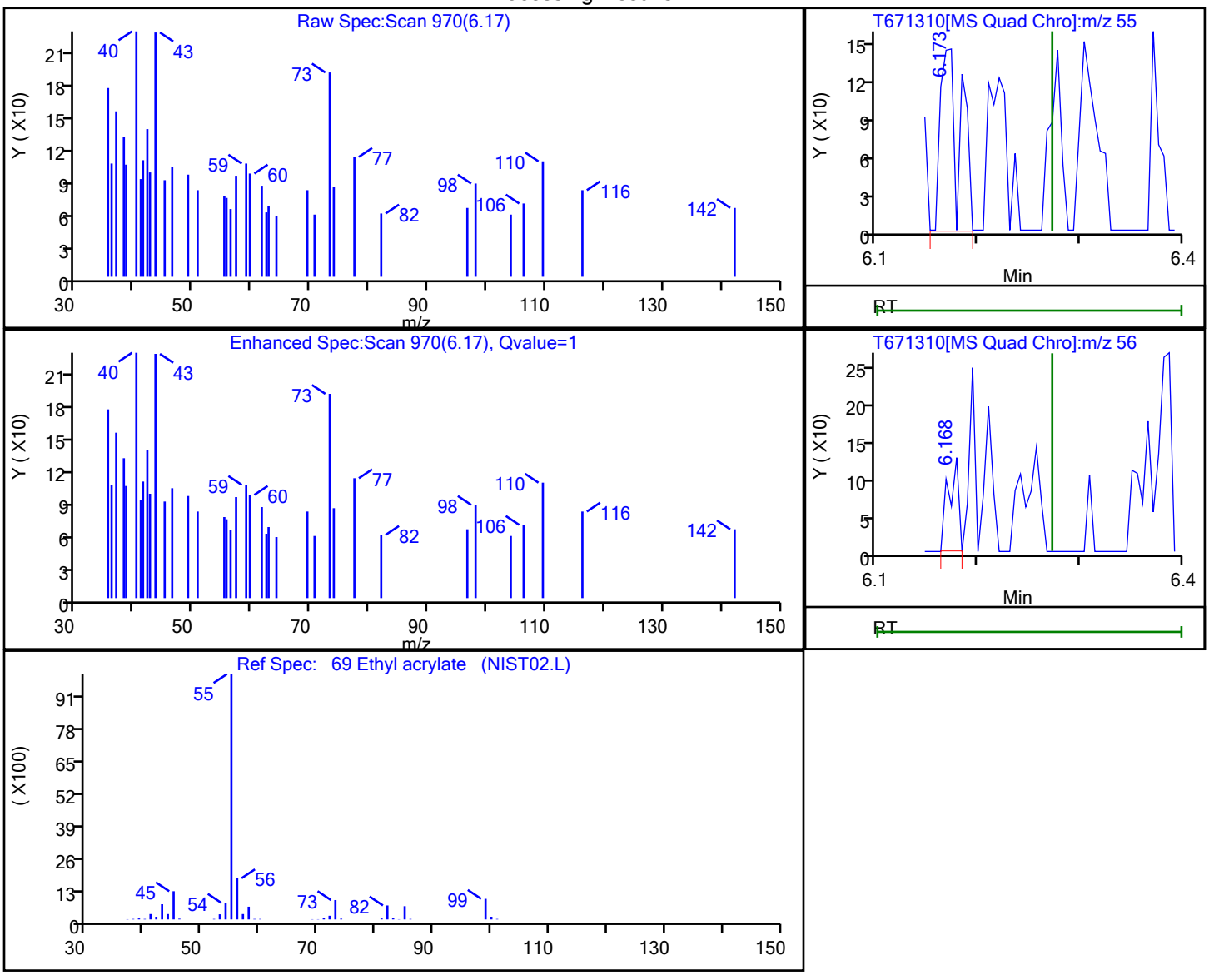
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
6.17	55.00	196	0.078781
6.17	56.00	89	

Reviewer: W9CM, 27-Oct-2023 13:21:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

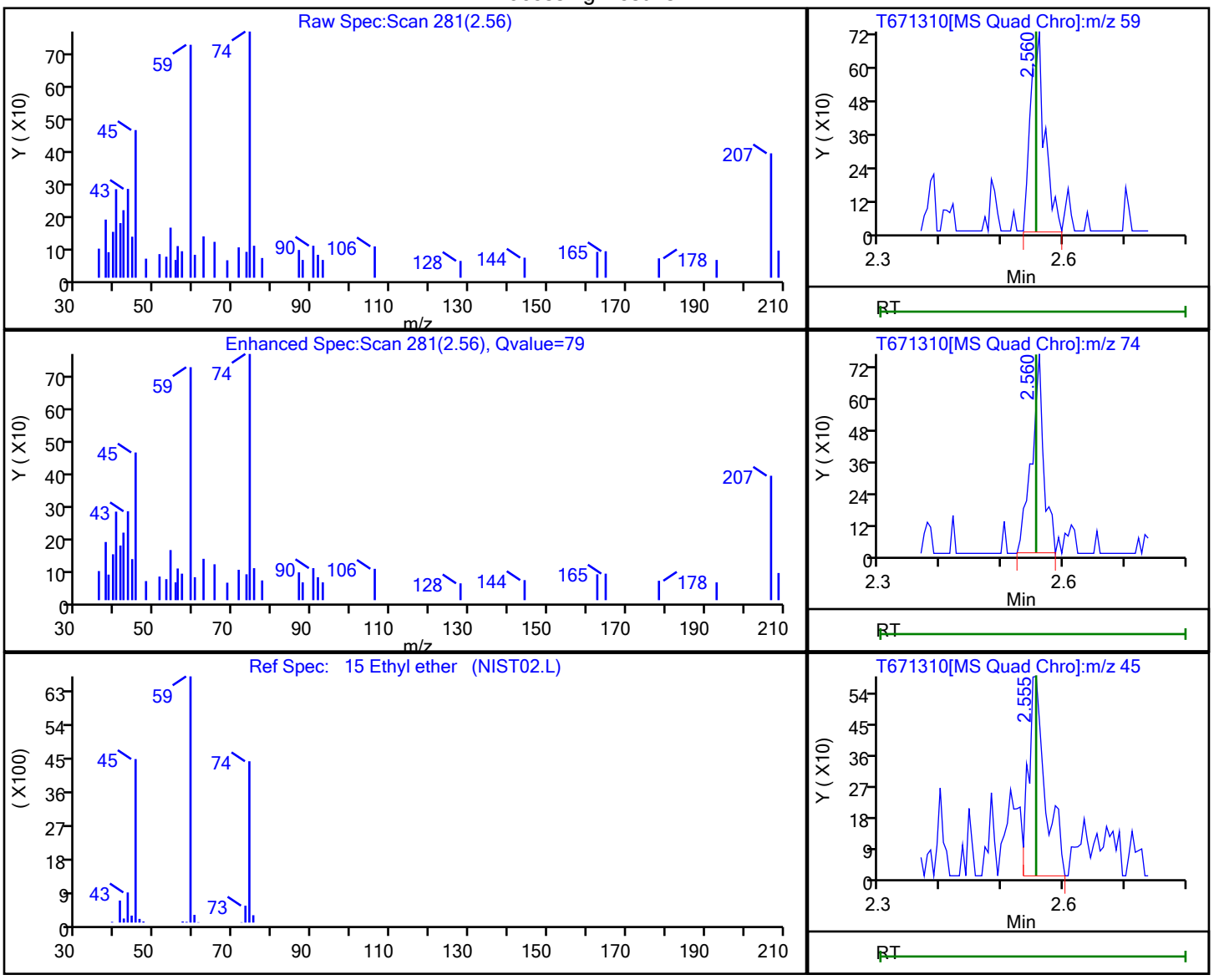
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.56	59.00	1149	-0.697873
2.56	74.00	1050	
2.56	45.00	1117	

Reviewer: W9CM, 27-Oct-2023 13:19:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

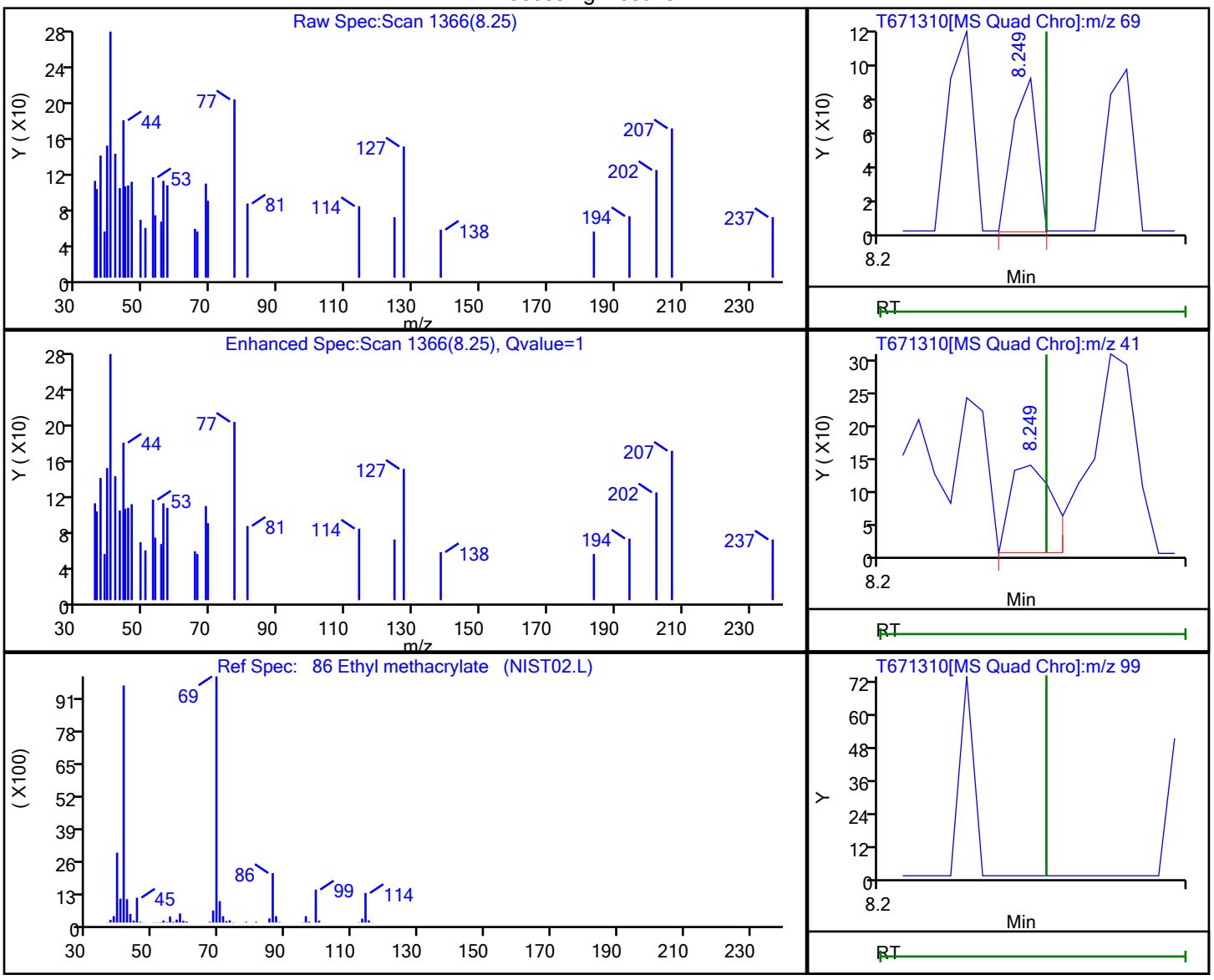
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.25	69.00	46	0.013343
8.25	41.00	136	
8.25	99.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

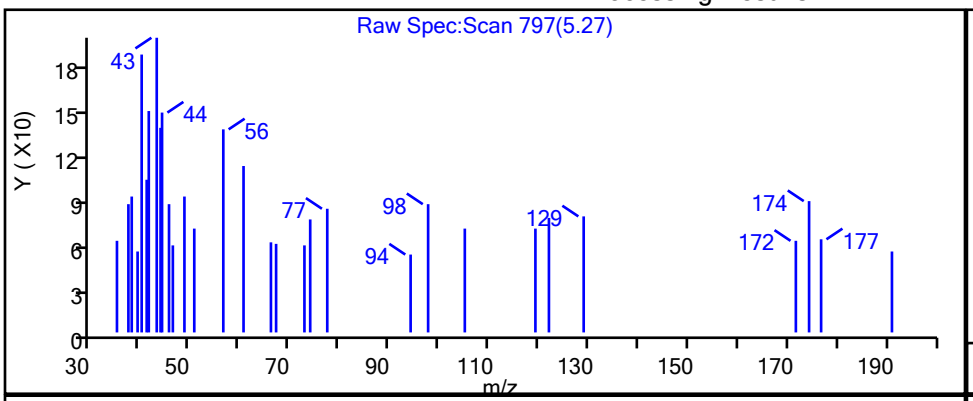
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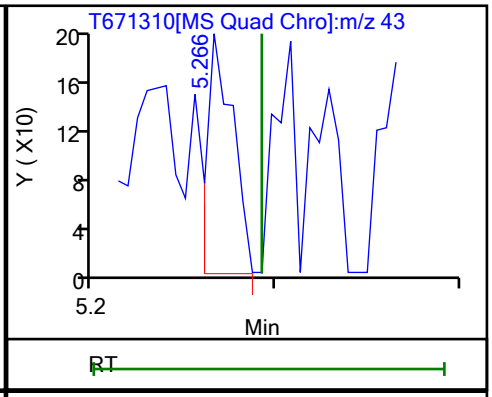
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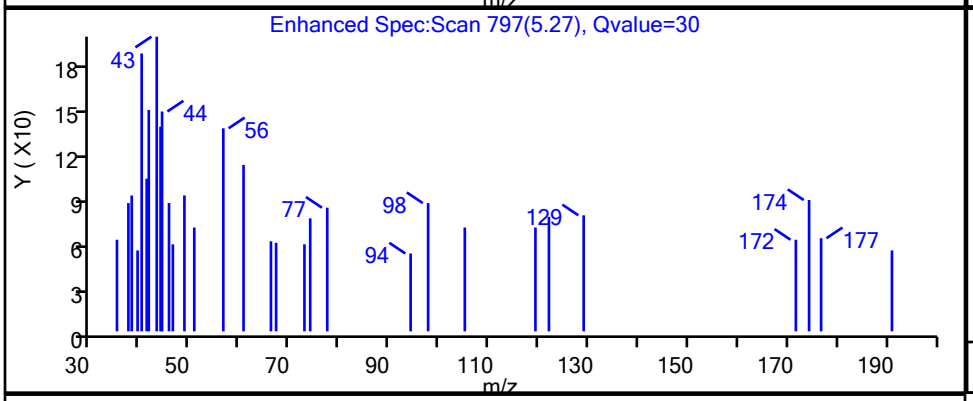
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

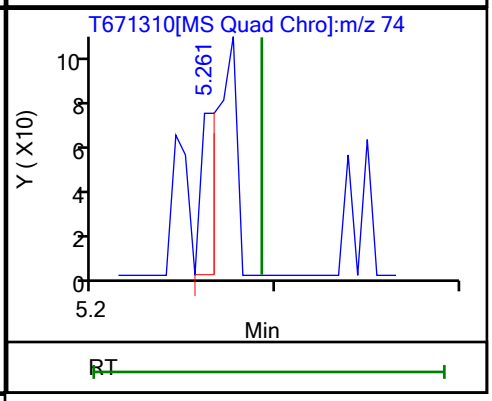
59 Isobutyl alcohol, CAS: 78-83-1

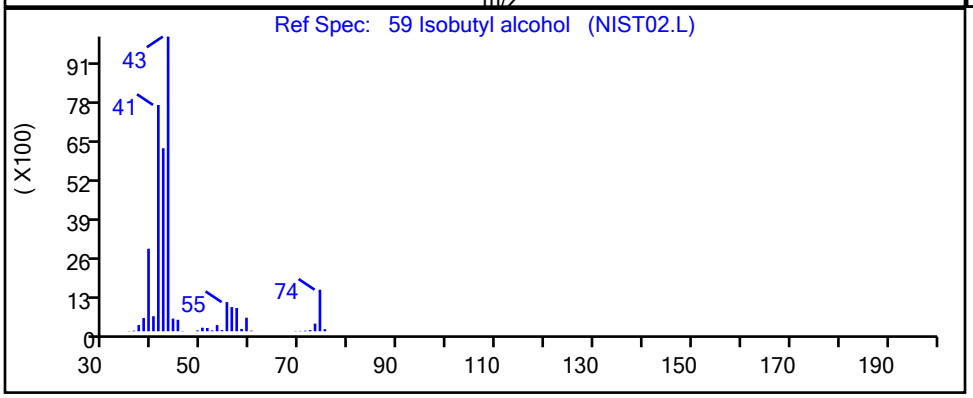
Processing Results











RT	Mass	Response	Amount
5.27	43.00	187	1.746501
5.26	74.00	47	

Reviewer: W9CM, 27-Oct-2023 13:20:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

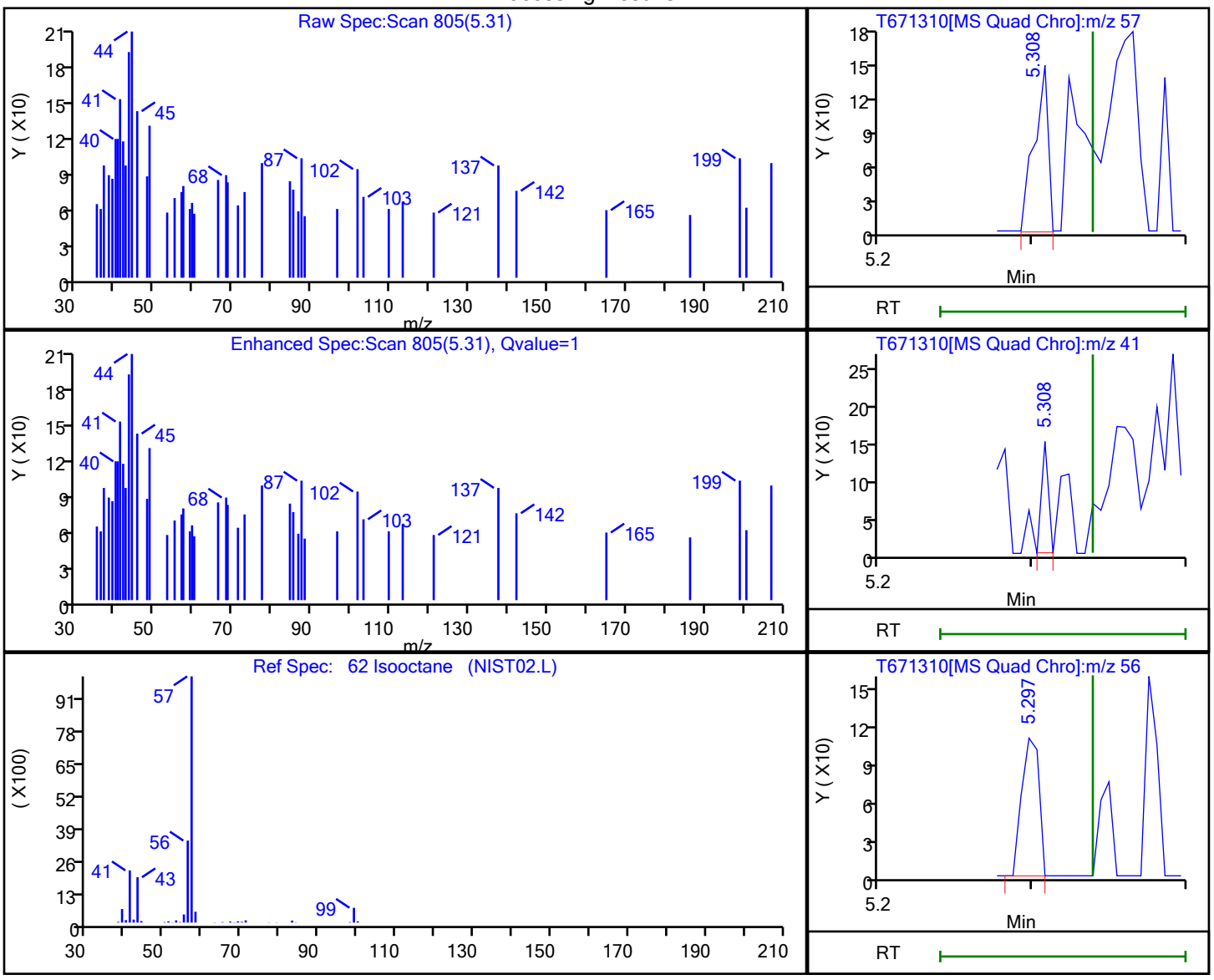
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.31	57.00	93	0.013794
5.31	41.00	47	
5.30	56.00	84	

Reviewer: W9CM, 27-Oct-2023 13:20:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

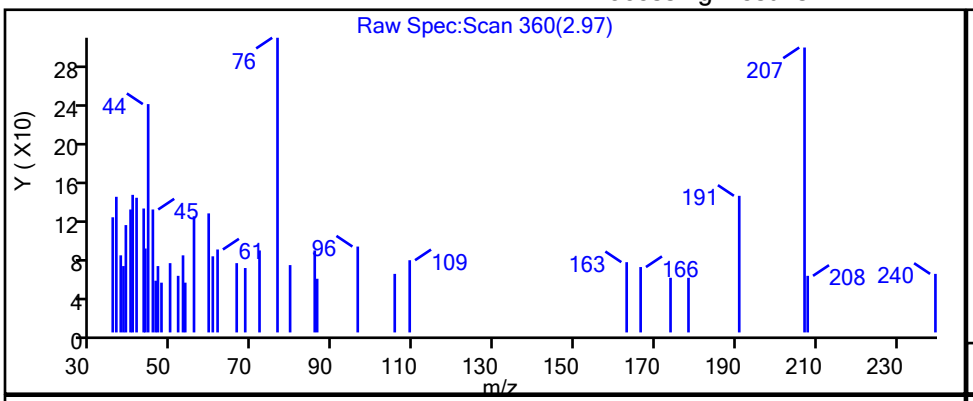
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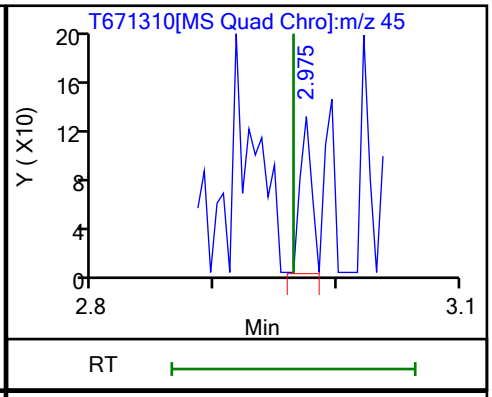
Eurofins Edison

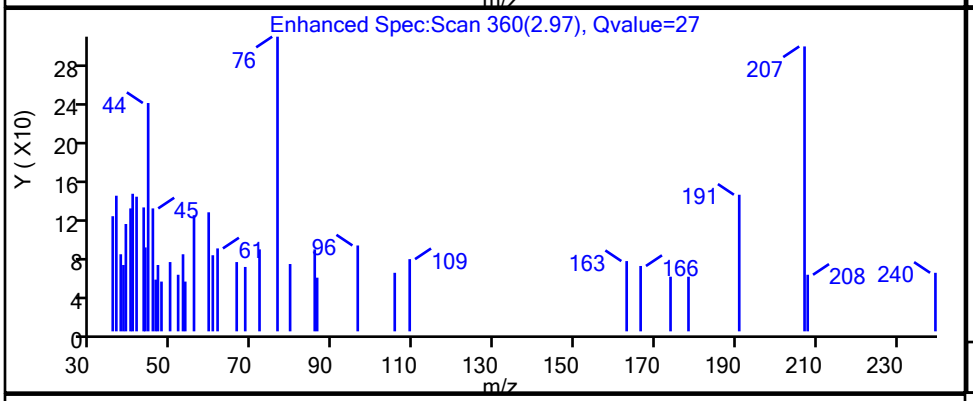
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

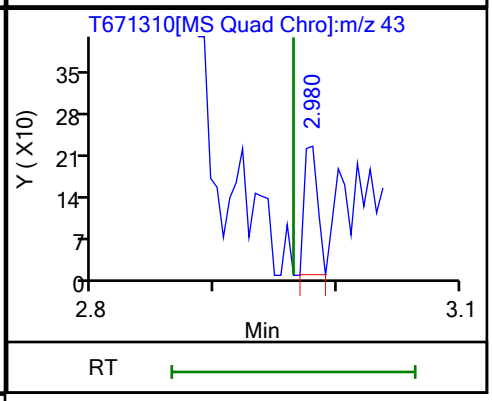
25 Isopropyl alcohol, CAS: 67-63-0

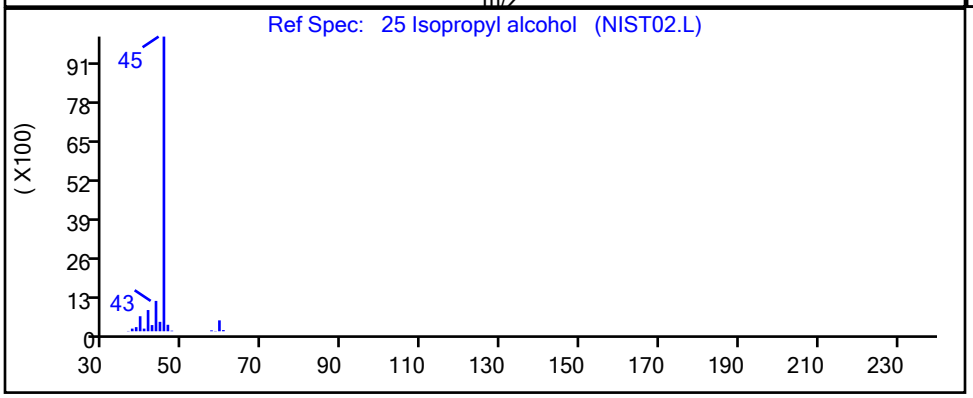
Processing Results











RT	Mass	Response	Amount
2.97	45.00	82	2.611586
2.98	43.00	167	

Reviewer: W9CM, 27-Oct-2023 13:20:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

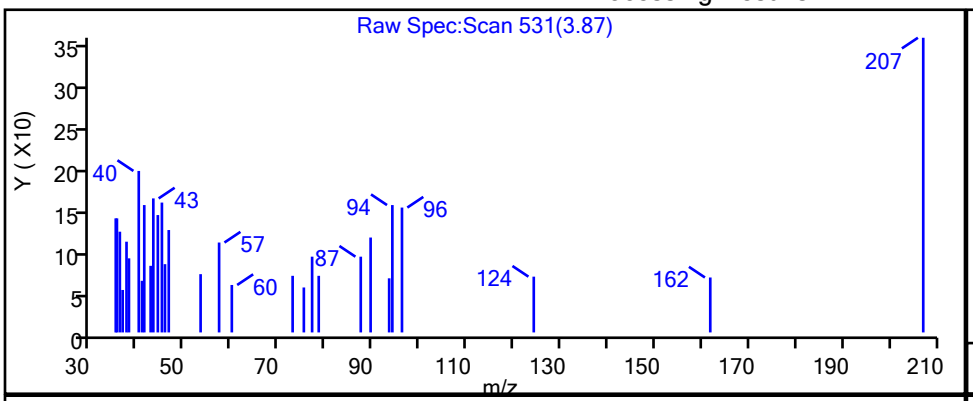
User Disabled Compound Report

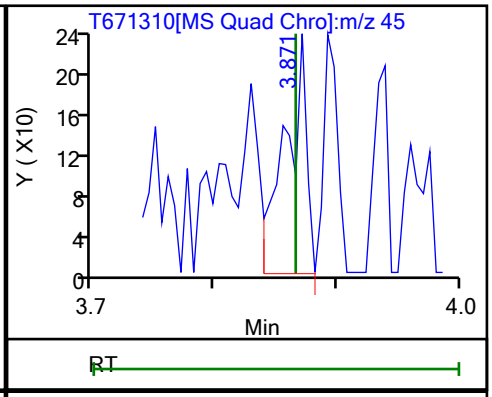
Eurofins Edison

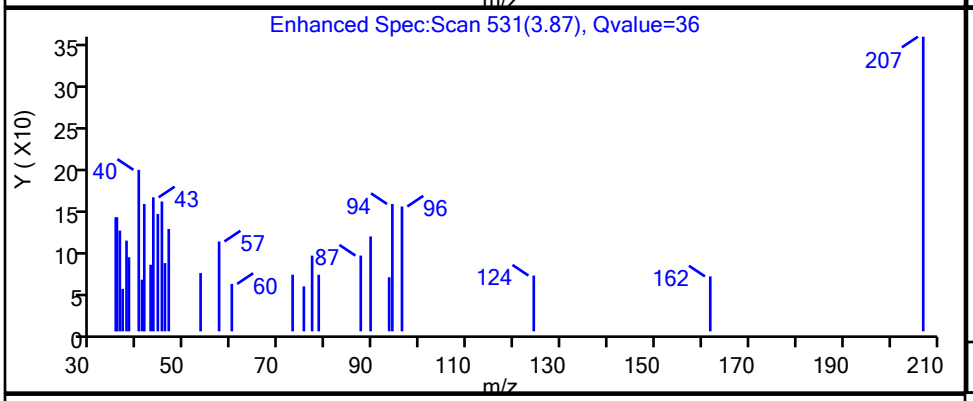
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

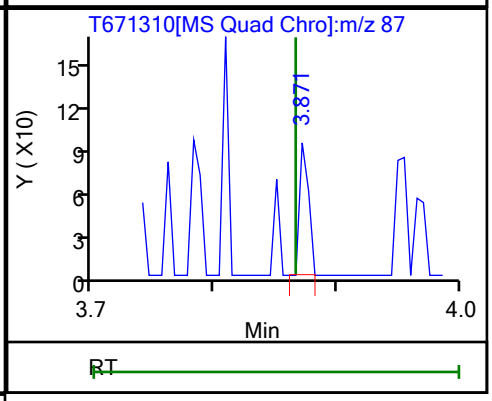
40 Isopropyl ether, CAS: 108-20-3

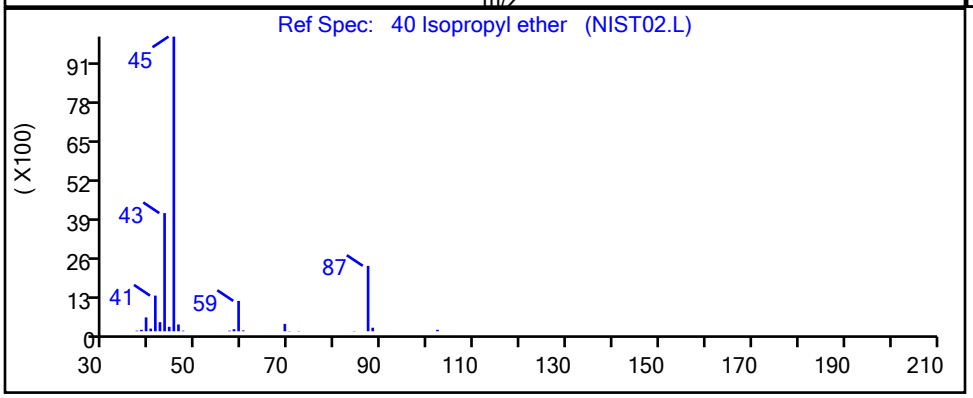
Processing Results











RT	Mass	Response	Amount
3.87	45.00	290	0.030861
3.87	87.00	47	

Reviewer: W9CM, 27-Oct-2023 13:20:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

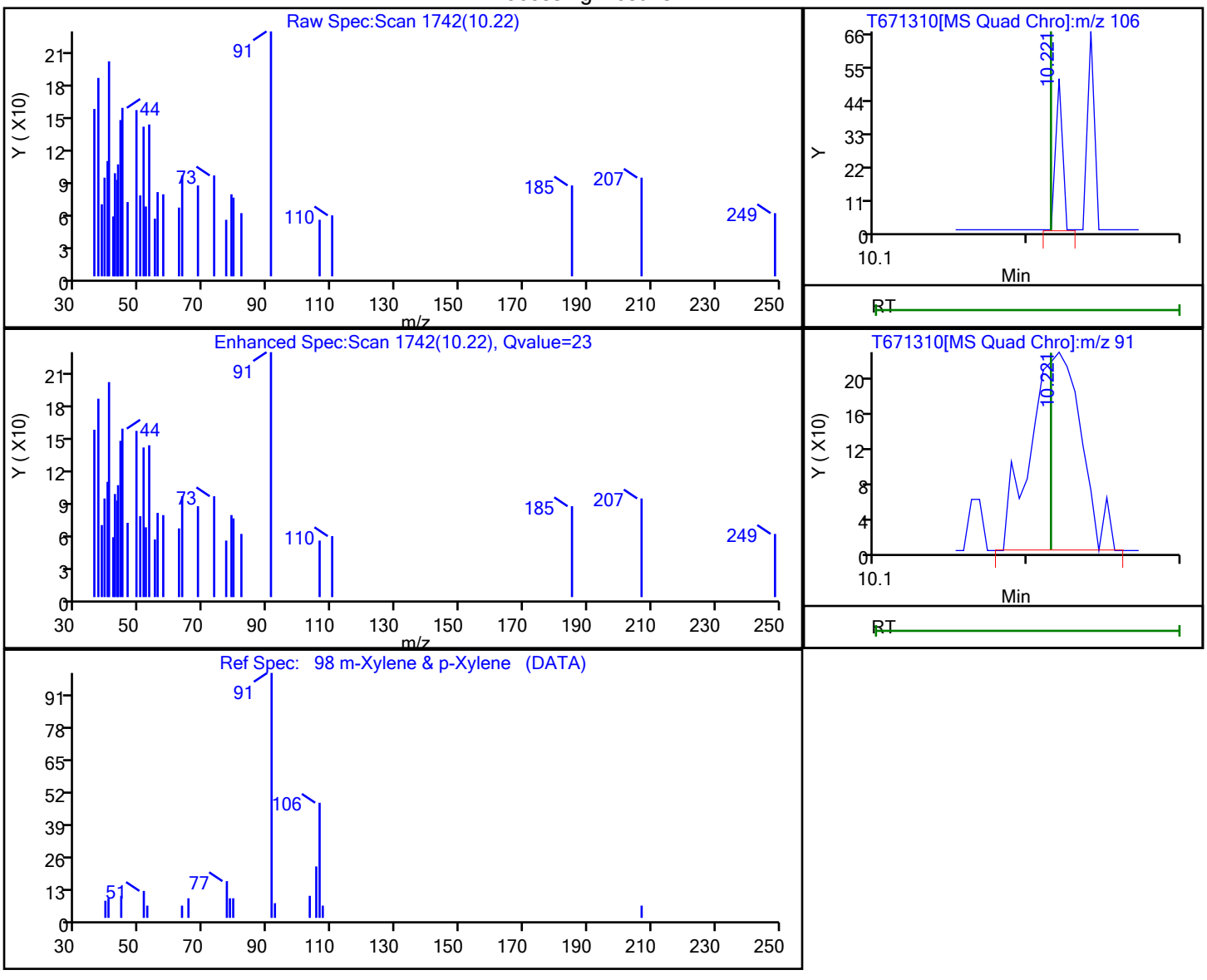
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
10.22	106.00	16	0.002354
10.22	91.00	515	

Reviewer: W9CM, 27-Oct-2023 13:21:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

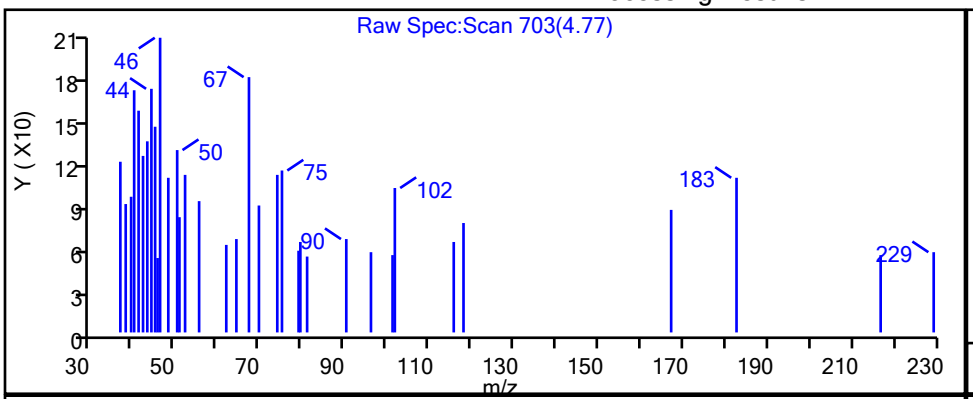
User Disabled Compound Report

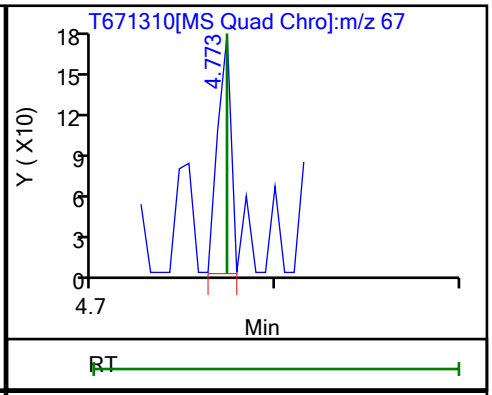
Eurofins Edison

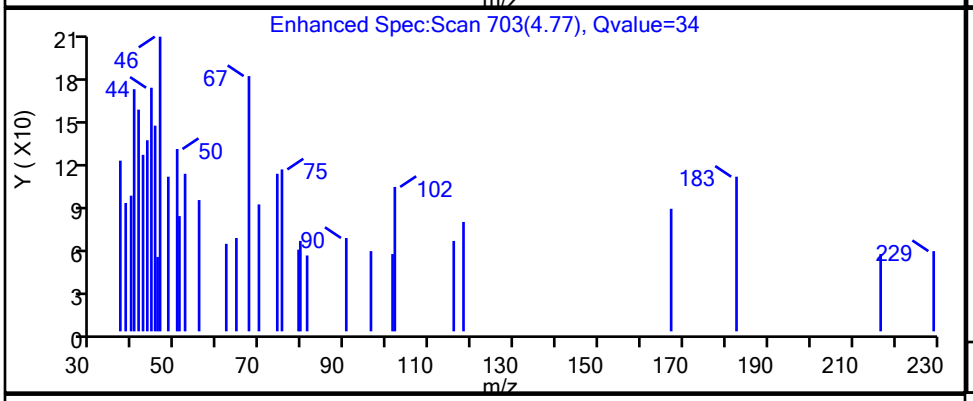
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

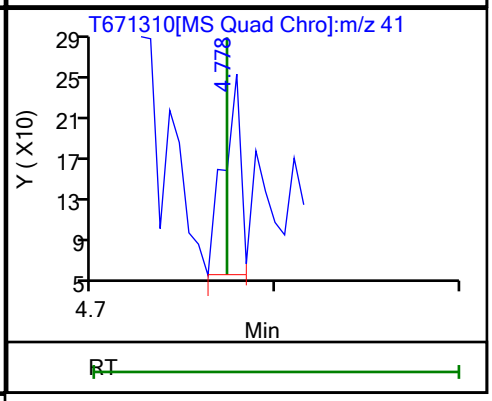
50 Methacrylonitrile, CAS: 126-98-7

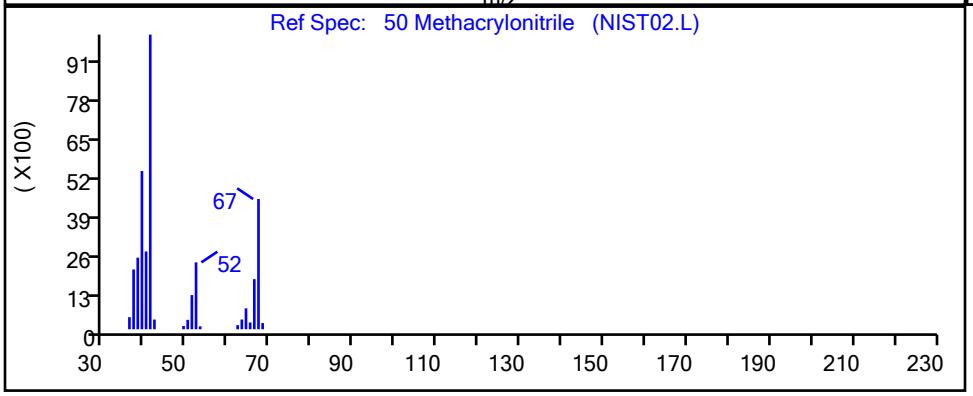
Processing Results











RT	Mass	Response	Amount
4.77	67.00	88	0.066918
4.78	41.00	128	

Reviewer: W9CM, 27-Oct-2023 13:20:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

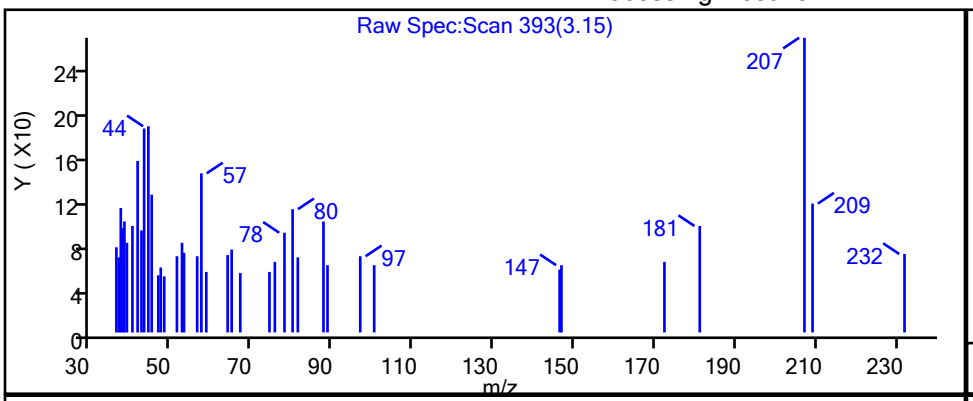
User Disabled Compound Report

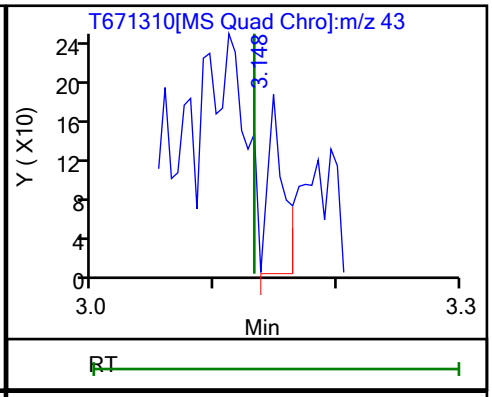
Eurofins Edison

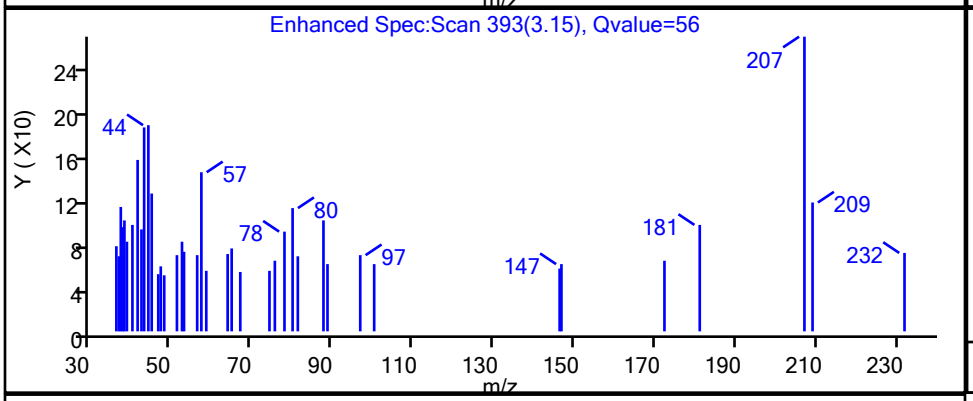
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

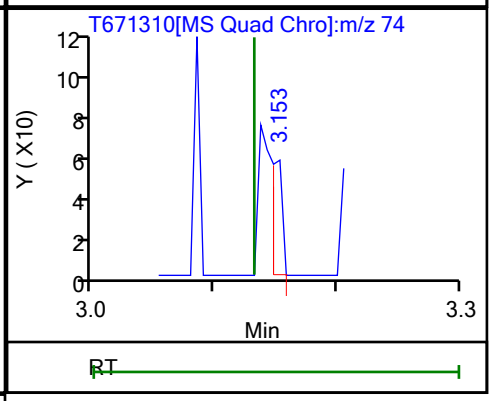
28 Methyl acetate, CAS: 79-20-9

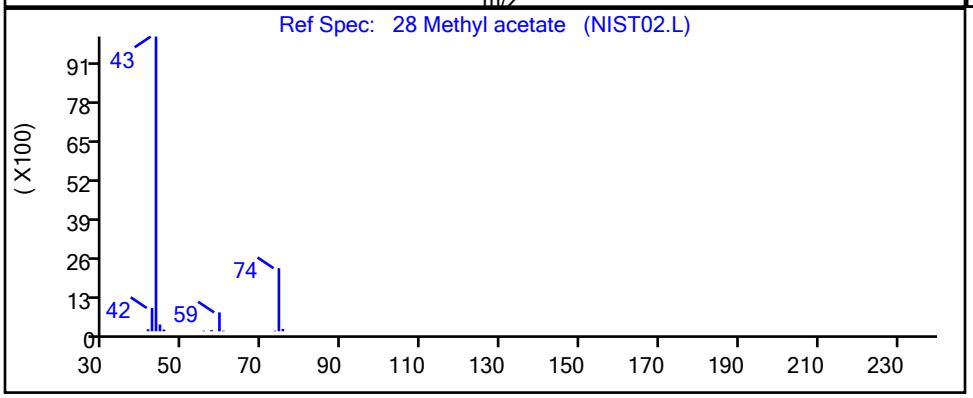
Processing Results











RT	Mass	Response	Amount
3.15	43.00	162	0.081661
3.15	74.00	35	

Reviewer: W9CM, 27-Oct-2023 13:20:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

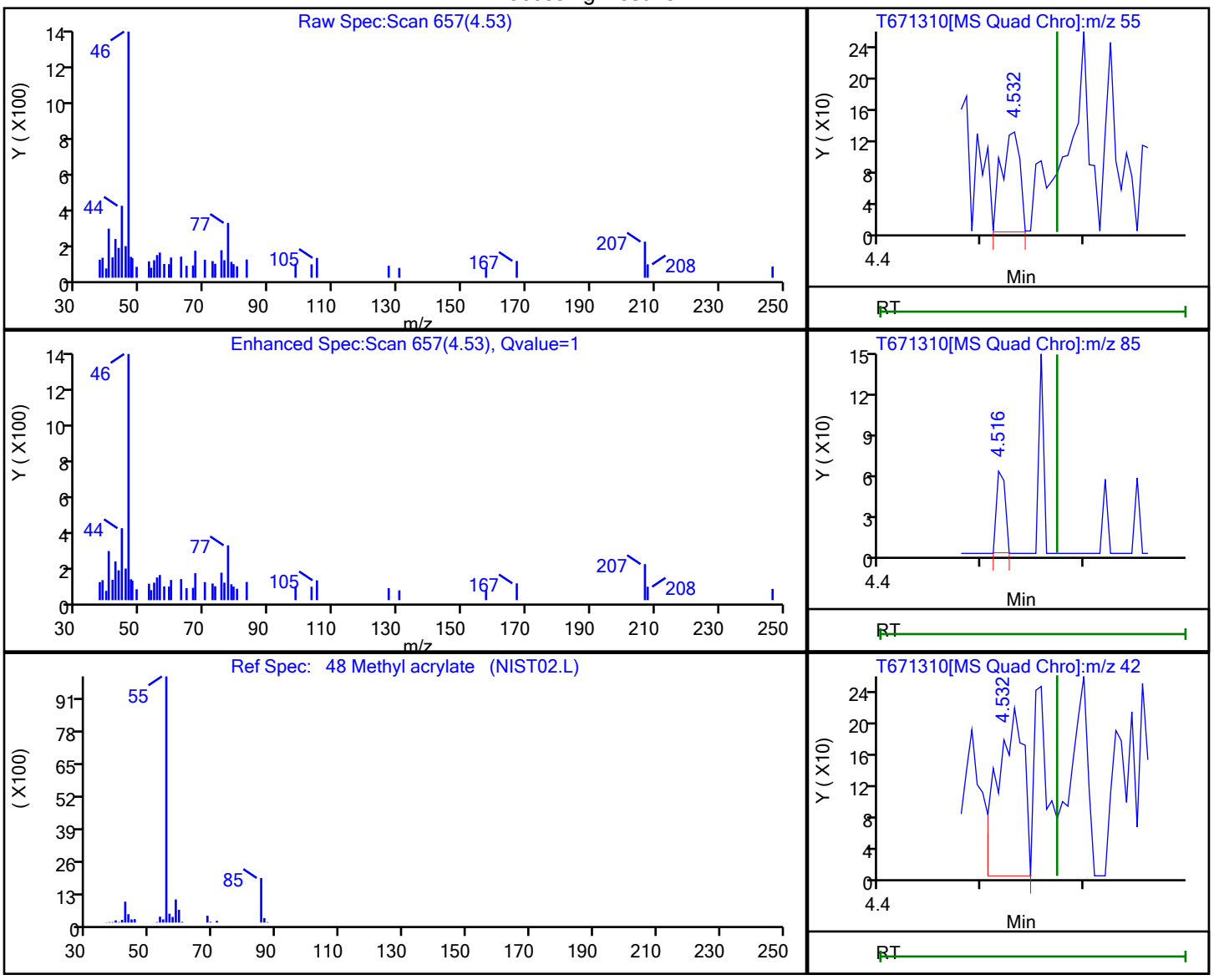
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.53	55.00	158	0.074754
4.52	85.00	36	
4.53	42.00	382	

Reviewer: W9CM, 27-Oct-2023 13:20:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

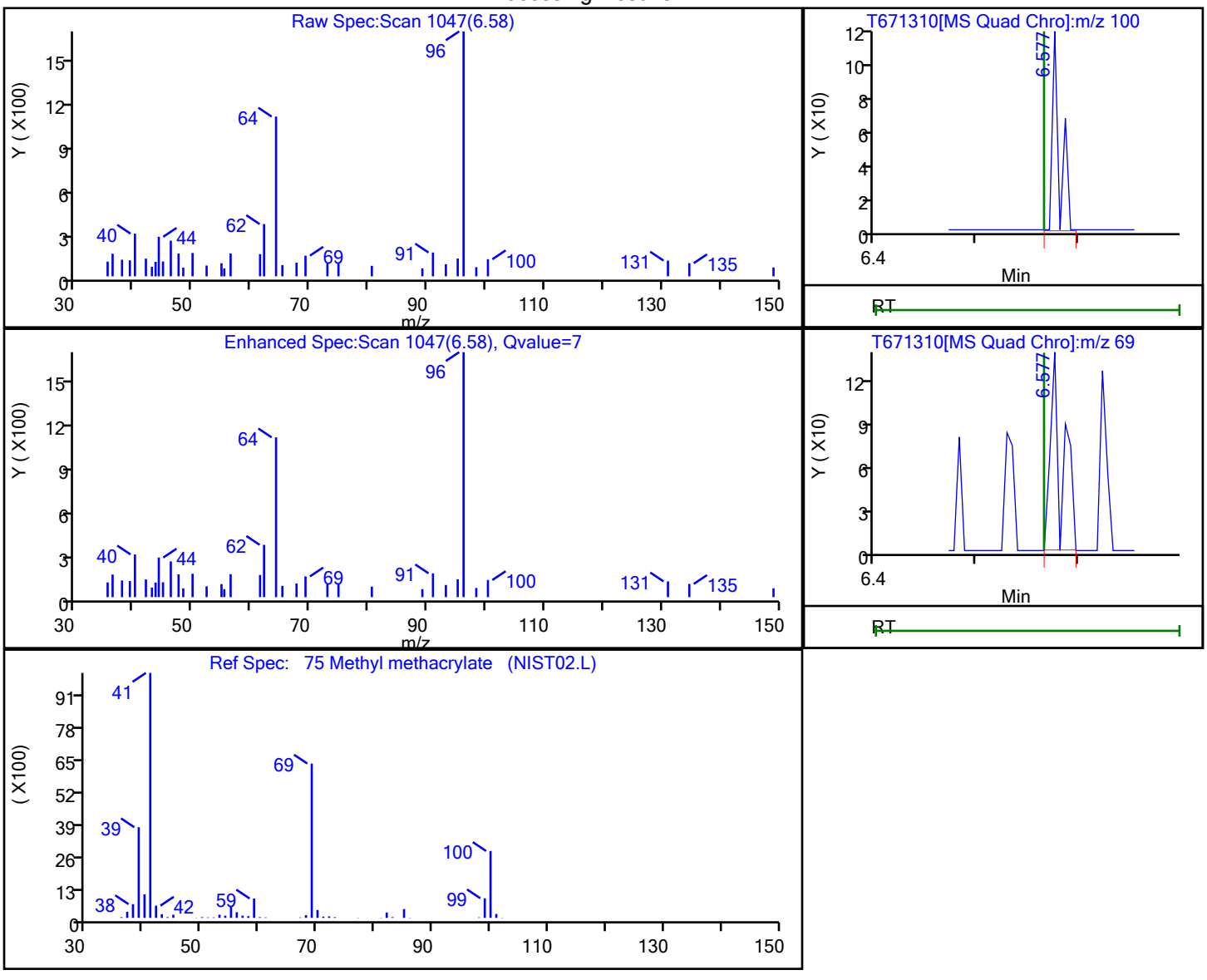
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
6.58	100.00	56	0.065256
6.58	69.00	114	

Reviewer: W9CM, 27-Oct-2023 13:21:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

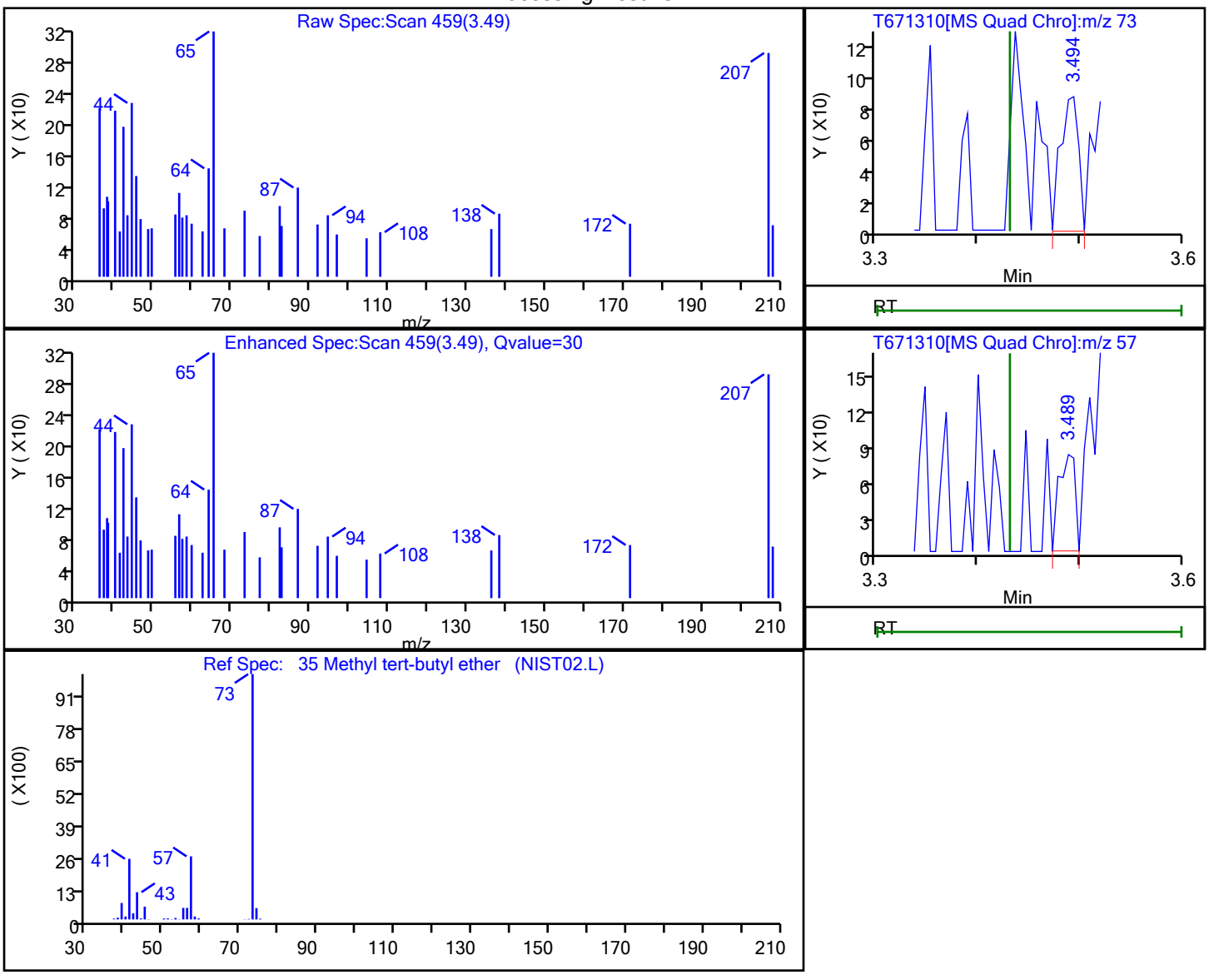
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.49	73.00	104	0.012563
3.49	57.00	88	

Reviewer: W9CM, 27-Oct-2023 13:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

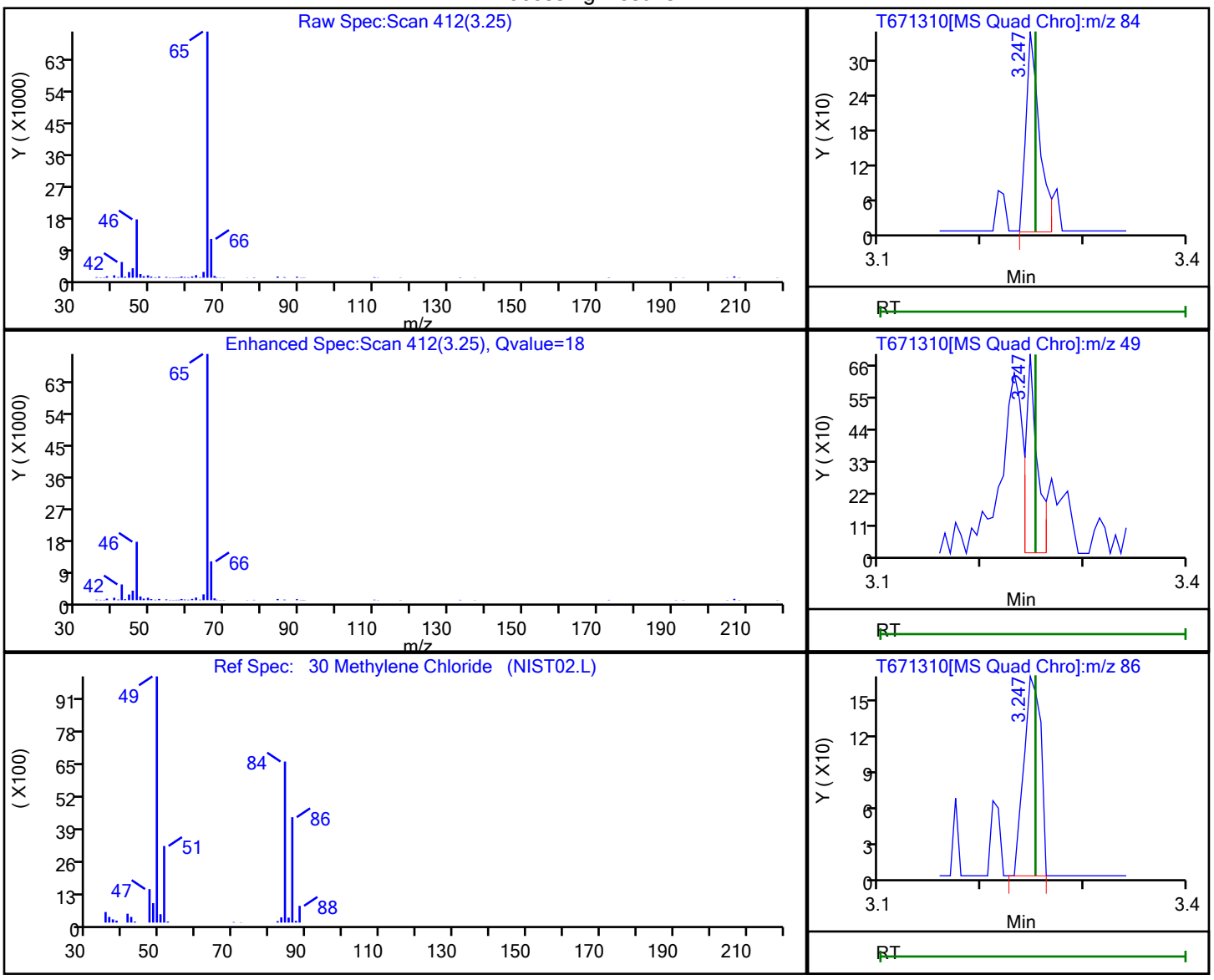
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
3.25	84.00	320	0.045194
3.25	49.00	557	
3.25	86.00	185	

Reviewer: W9CM, 27-Oct-2023 13:20:13 -04:00:00 (UTC)
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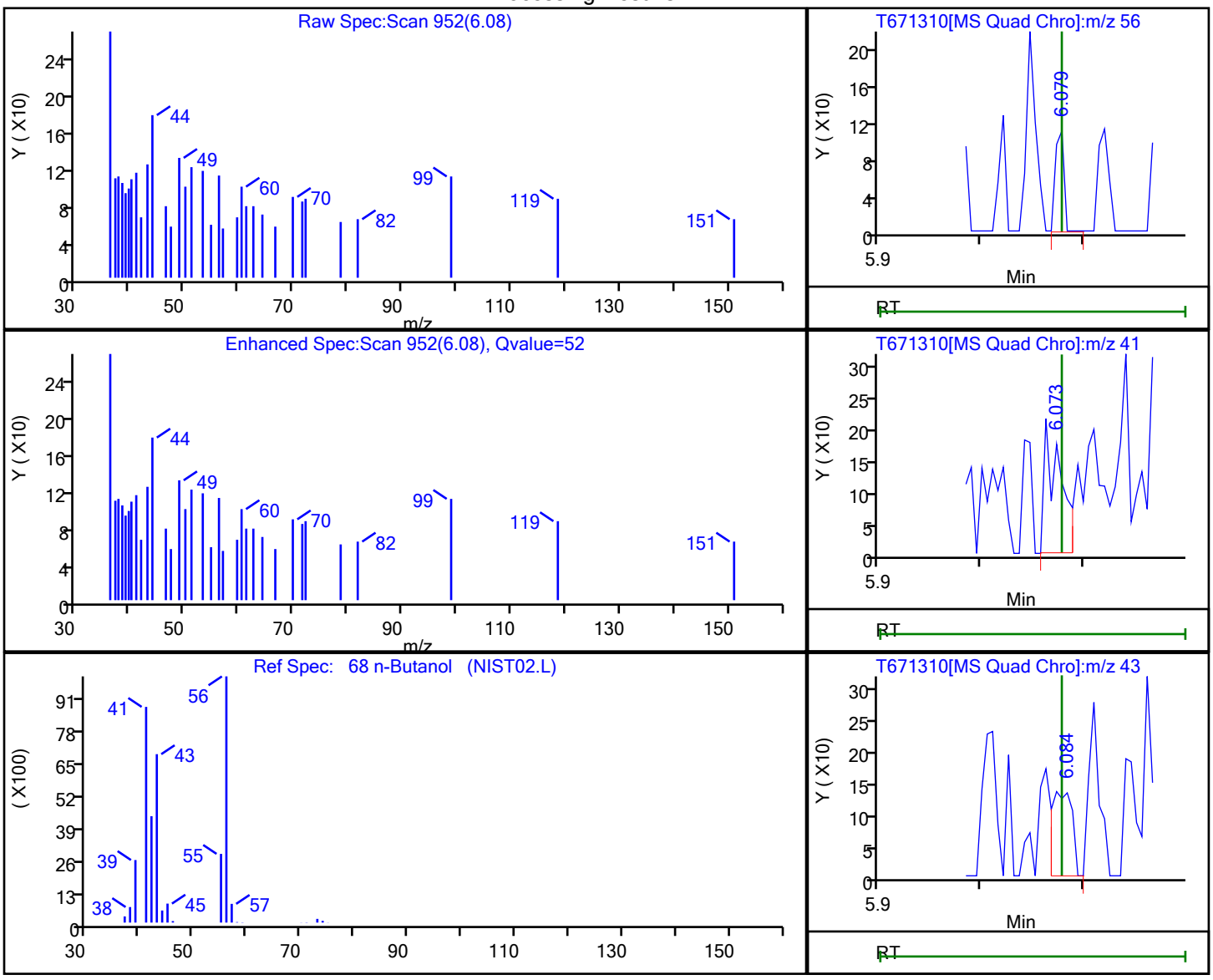
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
6.08	56.00	65	0.886397
6.07	41.00	235	
6.08	43.00	187	

Reviewer: W9CM, 27-Oct-2023 13:20:58 -04:00:00 (UTC)
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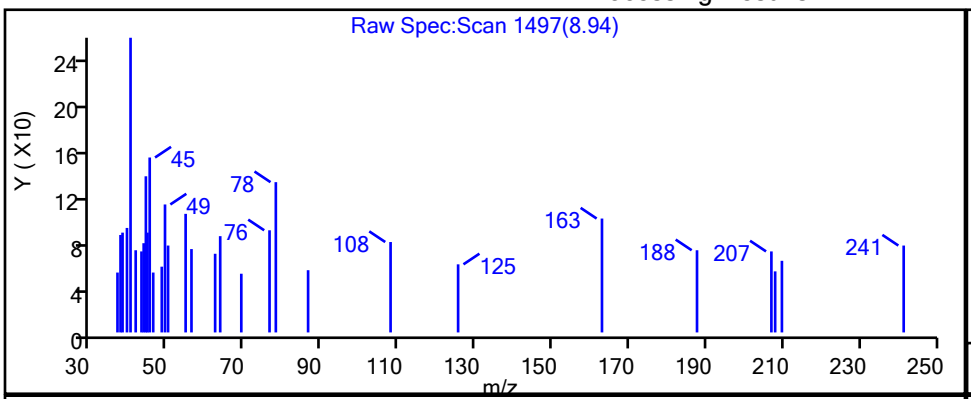
User Disabled Compound Report

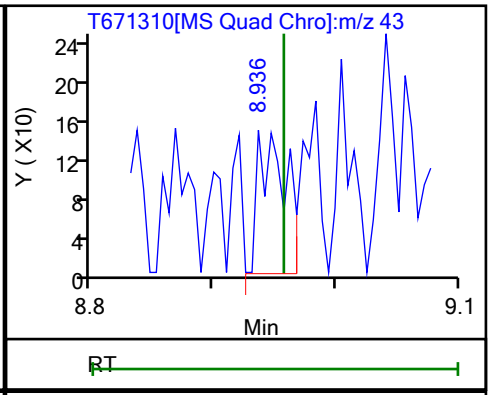
Eurofins Edison

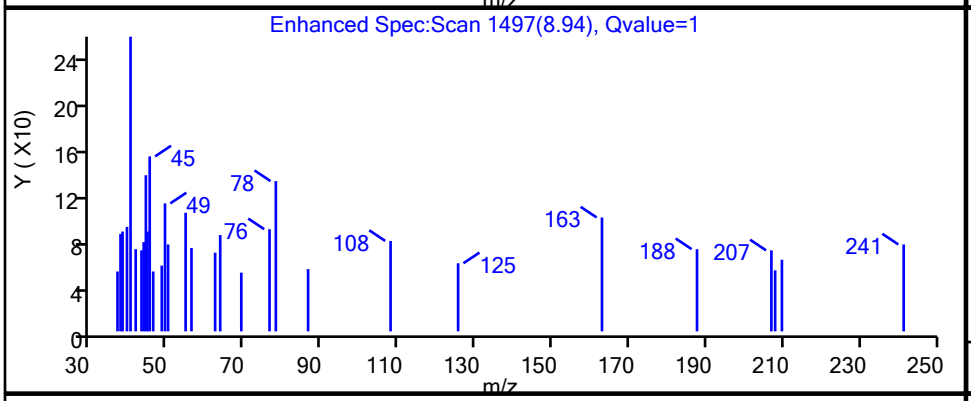
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

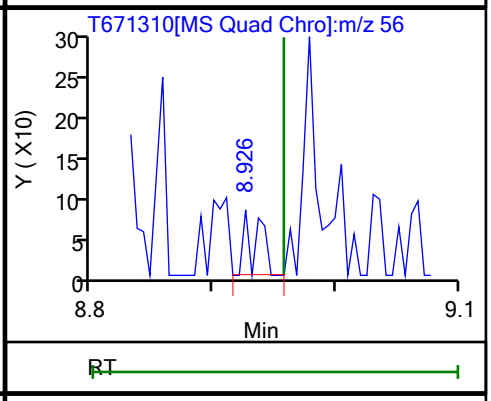
93 n-Butyl acetate, CAS: 123-86-4

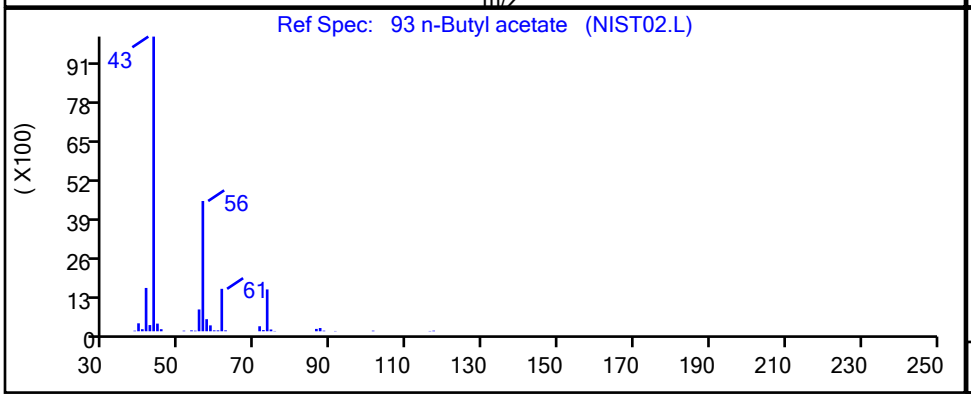
Processing Results

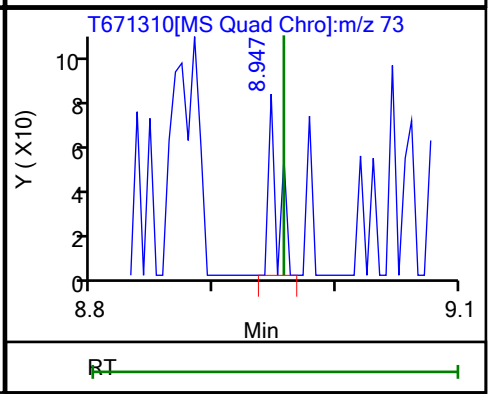












RT	Mass	Response	Amount
8.94	43.00	230	0.048062
8.93	56.00	67	
8.95	73.00	42	

Reviewer: W9CM, 27-Oct-2023 13:21:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

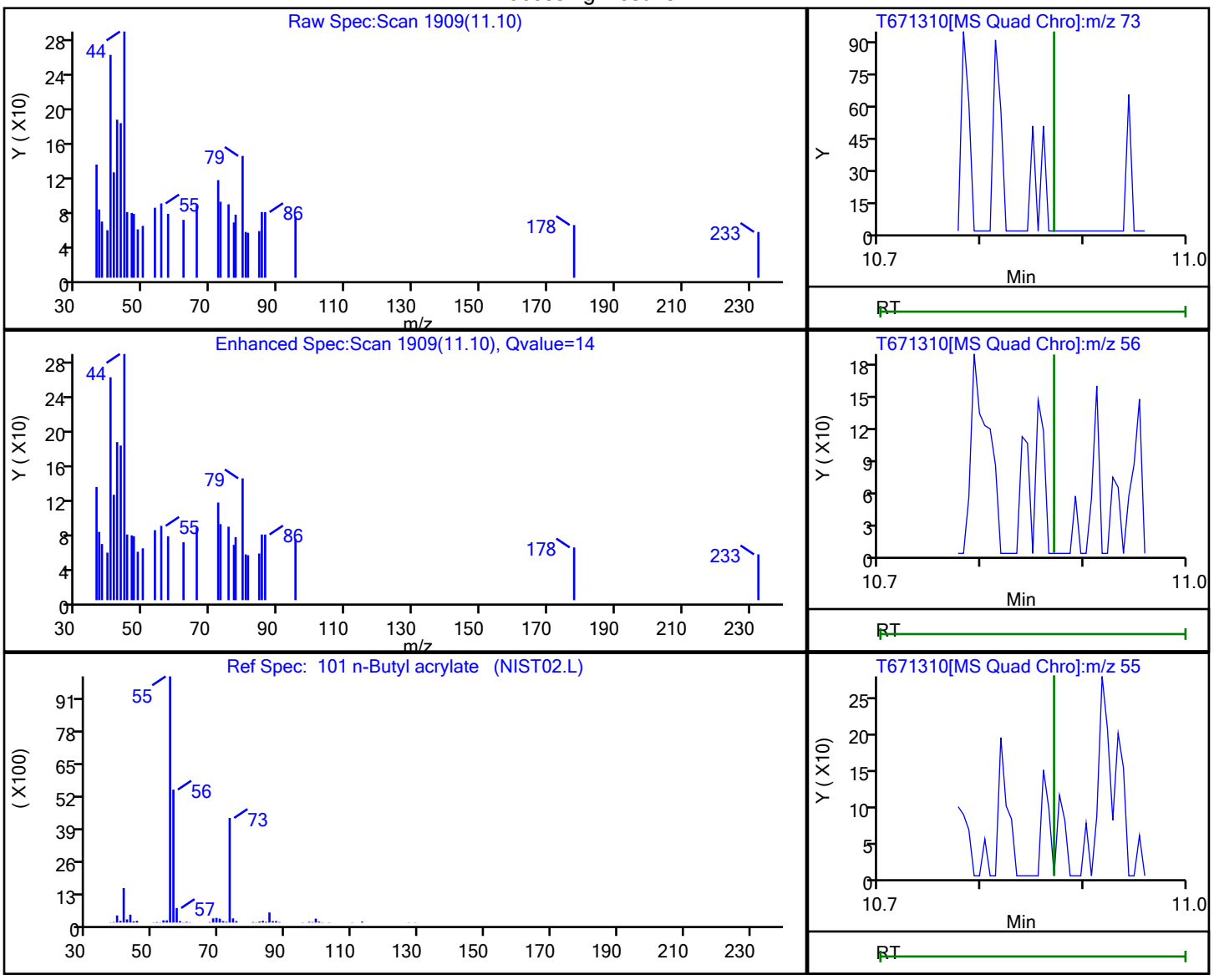
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
11.10	73.00	90	0.037708
11.10	56.00	91	
11.09	55.00	126	

Reviewer: W9CM, 27-Oct-2023 13:21:34 -04:00:00 (UTC)
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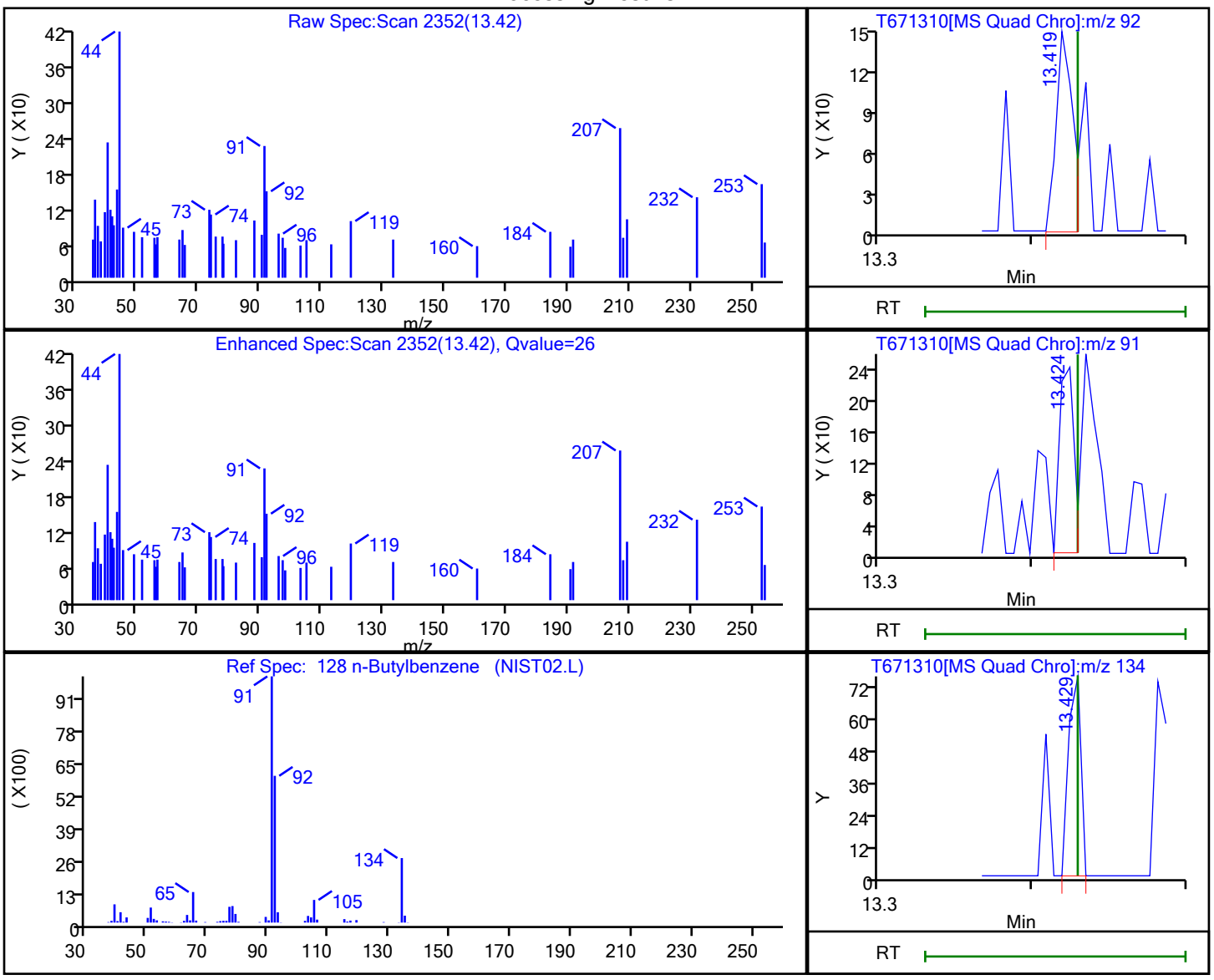
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.42	92.00	112	0.018617
13.42	91.00	162	
13.43	134.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:56 -04:00:00 (UTC)
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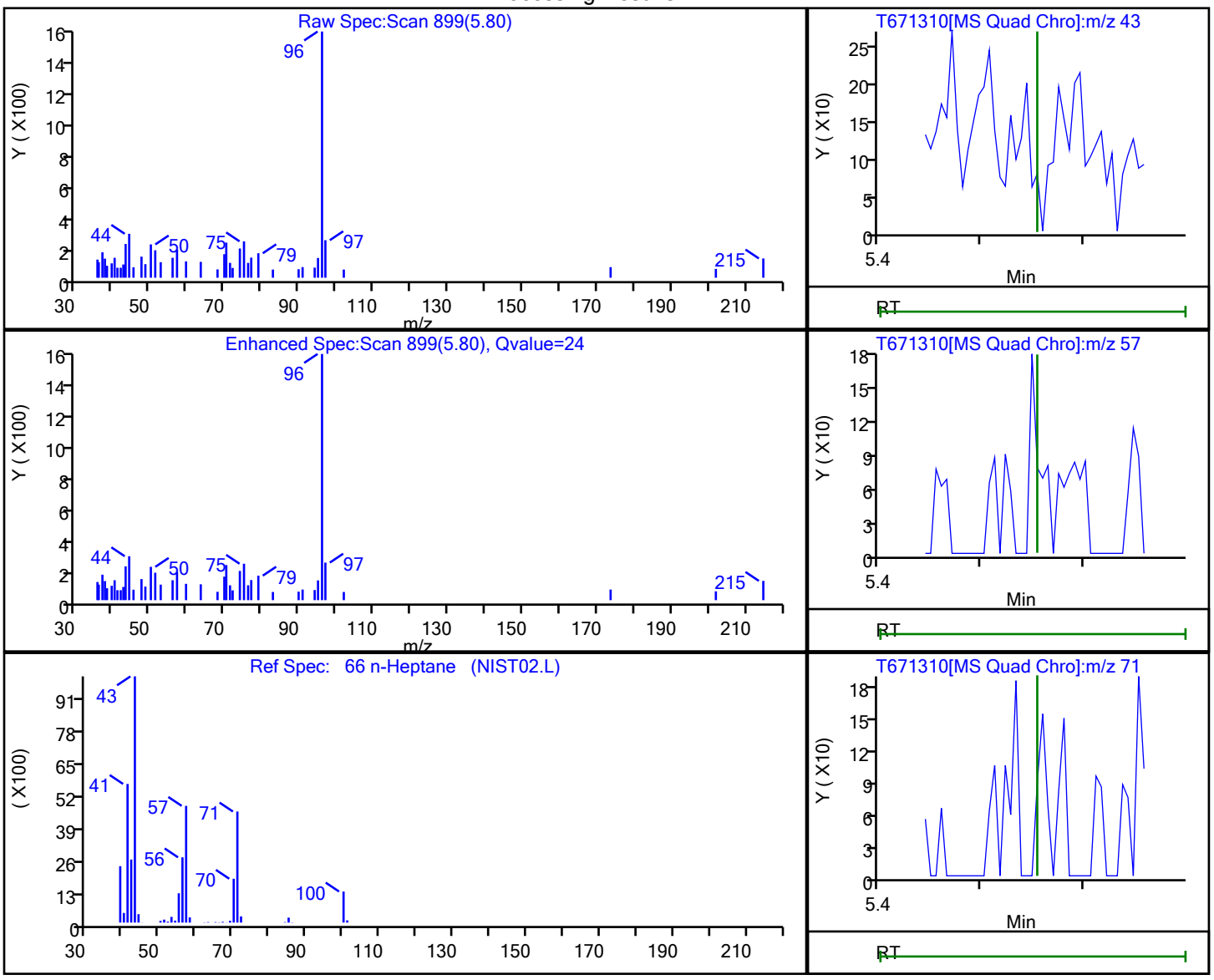
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.80	43.00	249	0.055263
5.80	57.00	124	
5.80	71.00	95	

Reviewer: W9CM, 27-Oct-2023 13:20:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

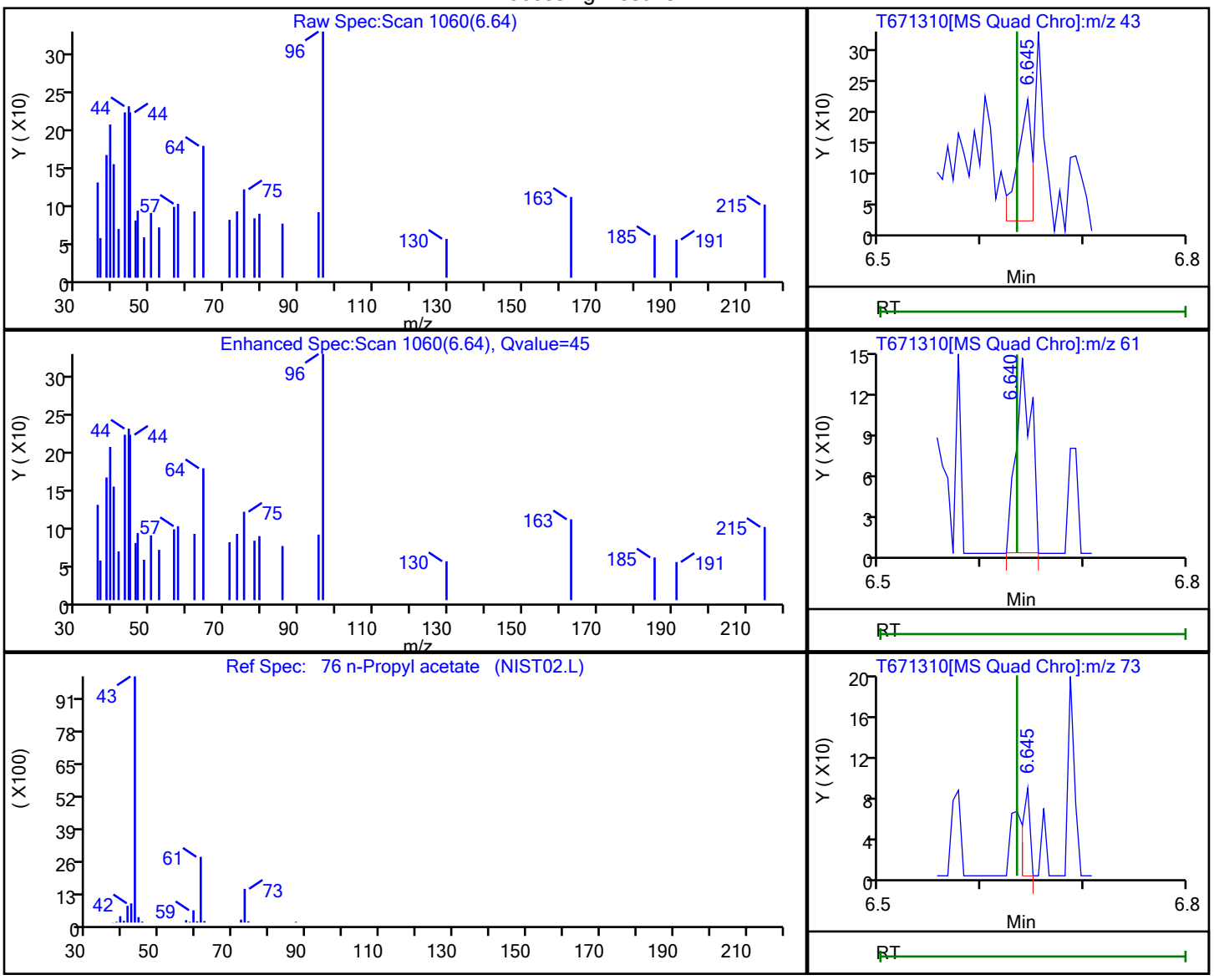
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
6.64	43.00	199	0.059926
6.64	61.00	152	
6.64	73.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

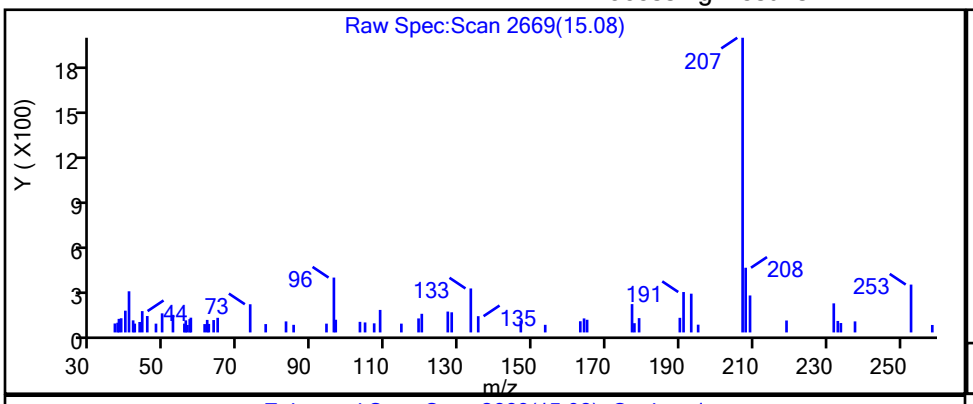
User Disabled Compound Report

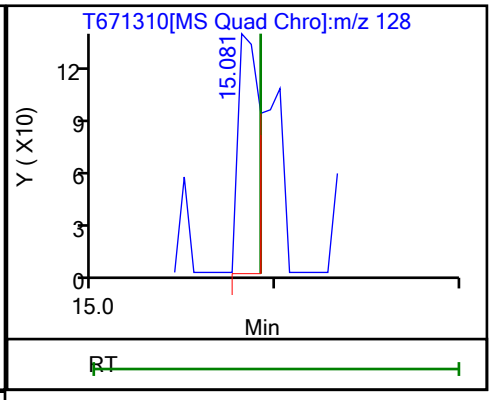
Eurofins Edison

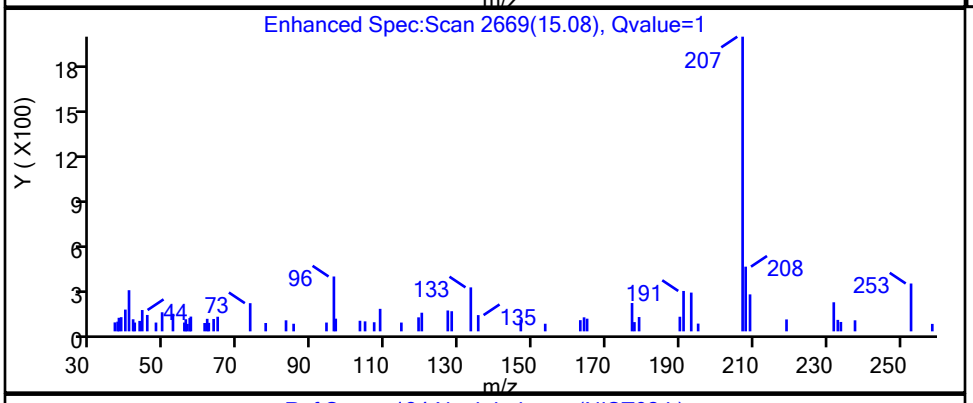
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Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

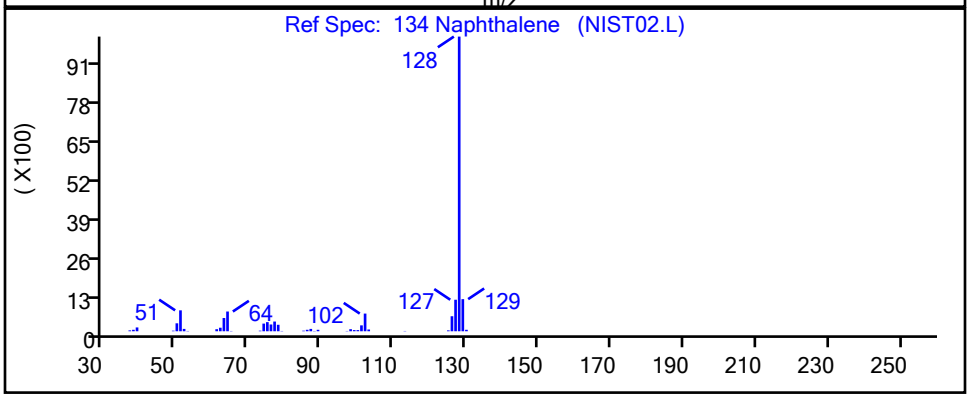
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.08	128.00	111	0.011151

Reviewer: W9CM, 27-Oct-2023 13:22:01 -04:00:00 (UTC)

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

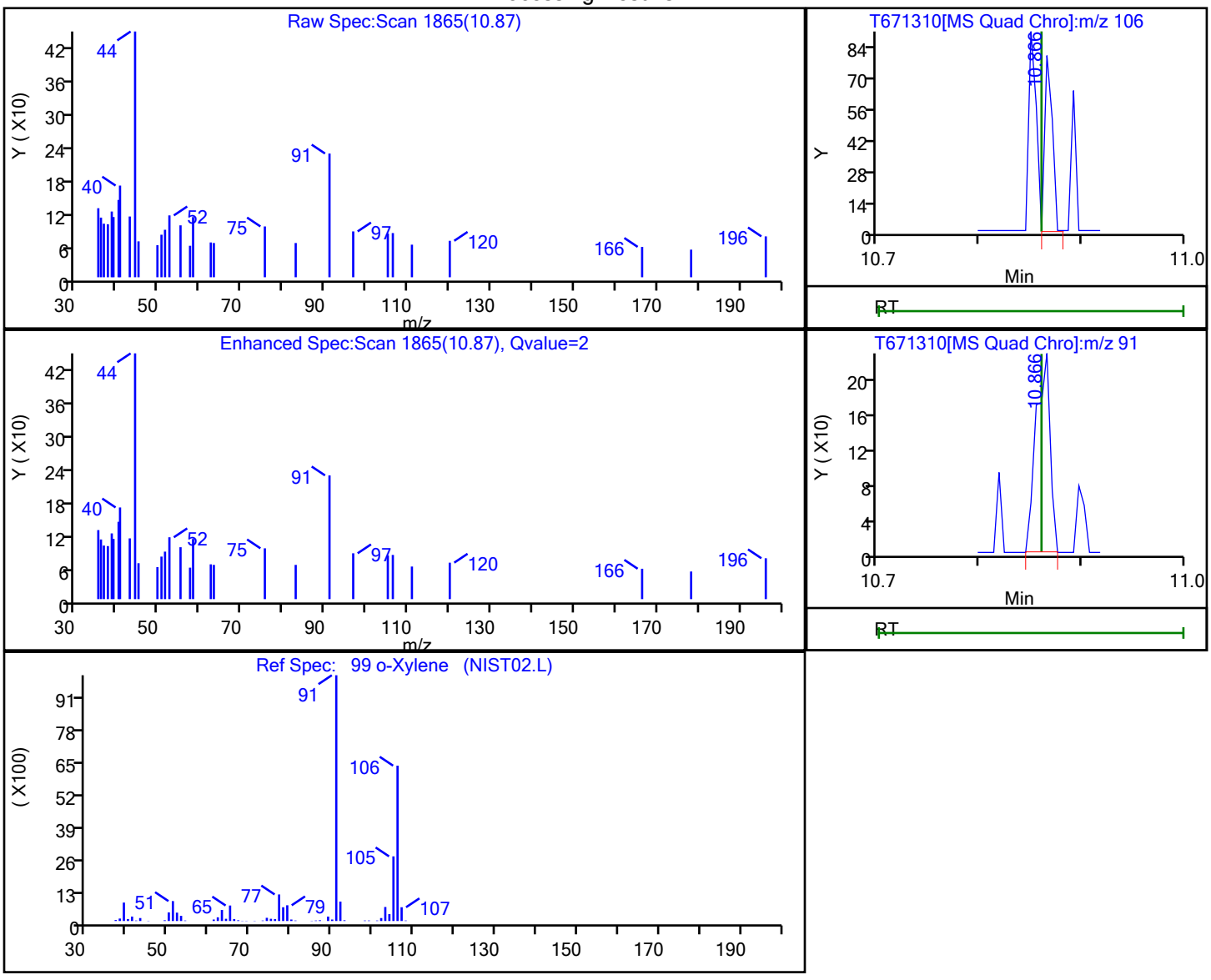
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
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Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
10.87	106.00	41	0.003568
10.87	91.00	215	

Reviewer: W9CM, 27-Oct-2023 13:21:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

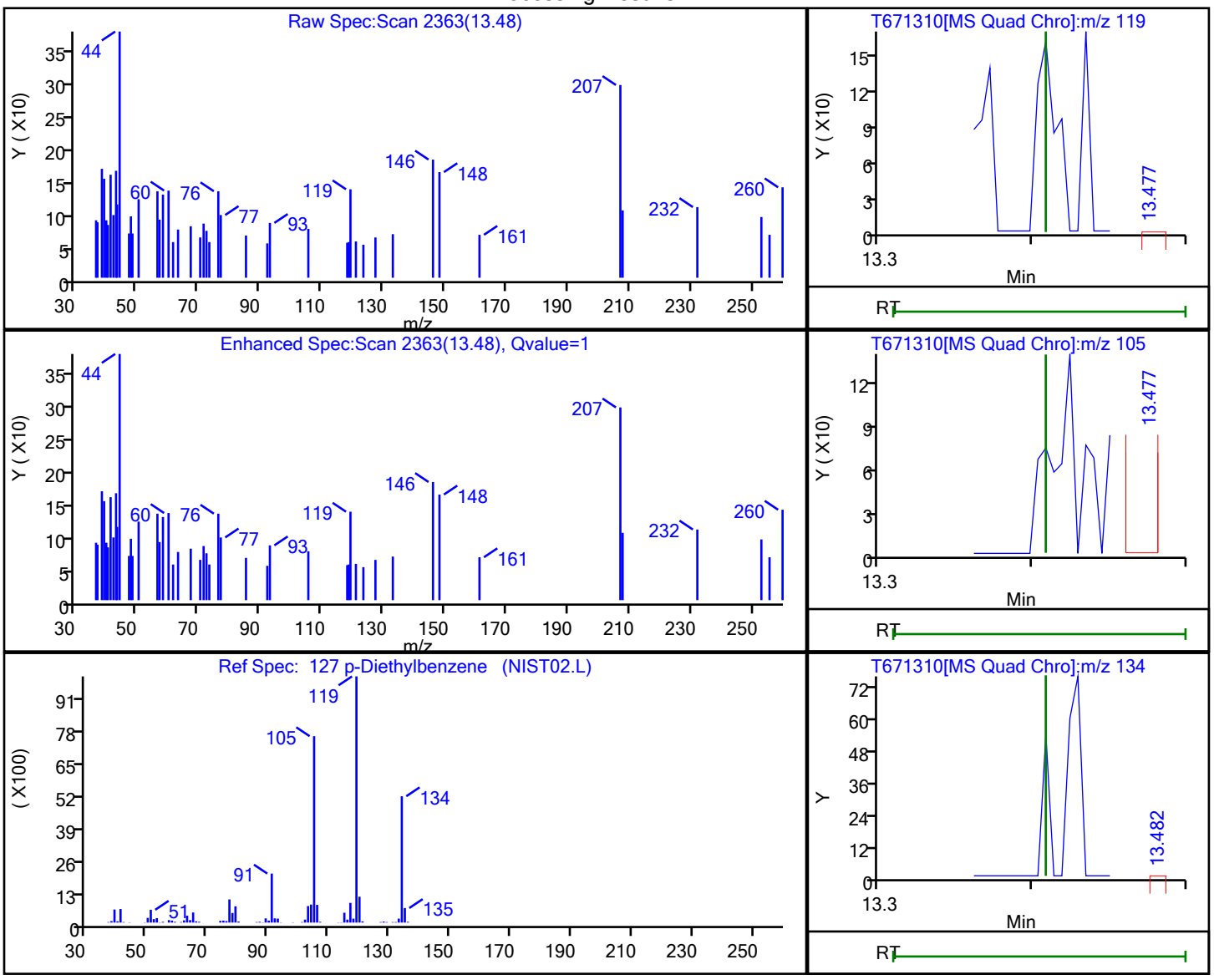
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.48	119.00	63	0.008605
13.48	105.00	46	
13.48	134.00	42	

Reviewer: W9CM, 27-Oct-2023 13:21:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

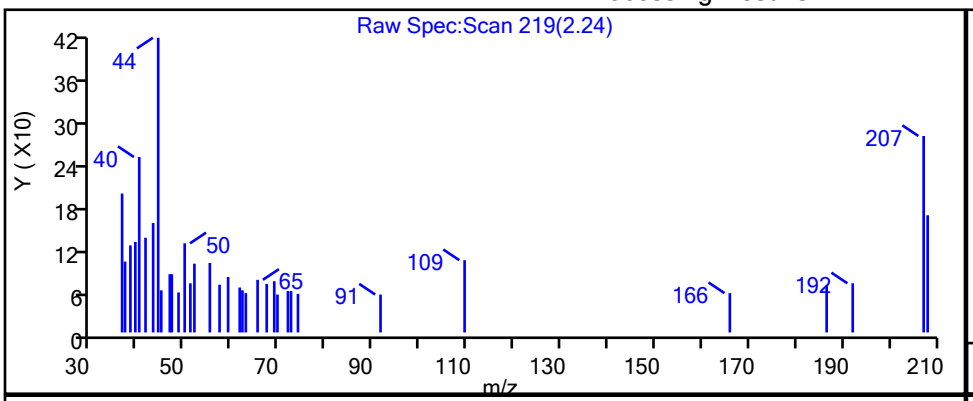
User Disabled Compound Report

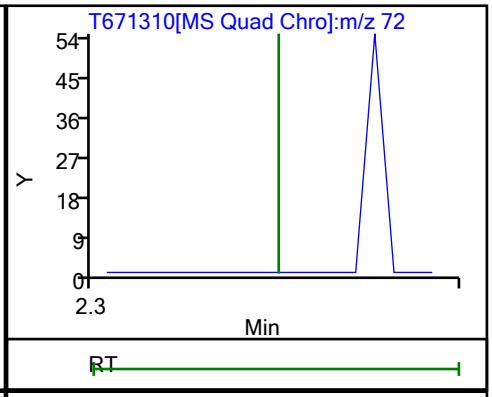
Eurofins Edison

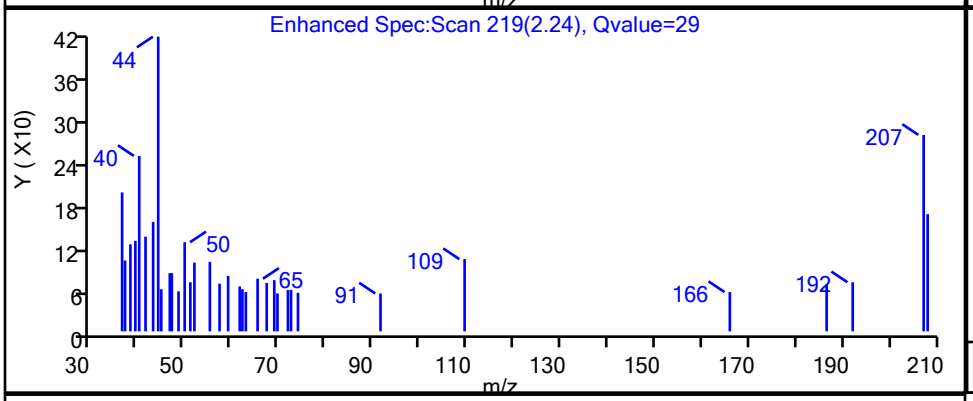
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

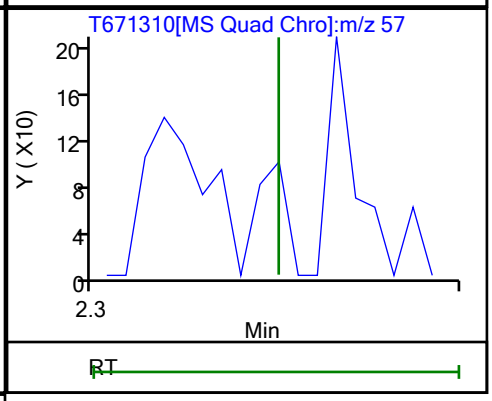
13 Pentane, CAS: 109-66-0

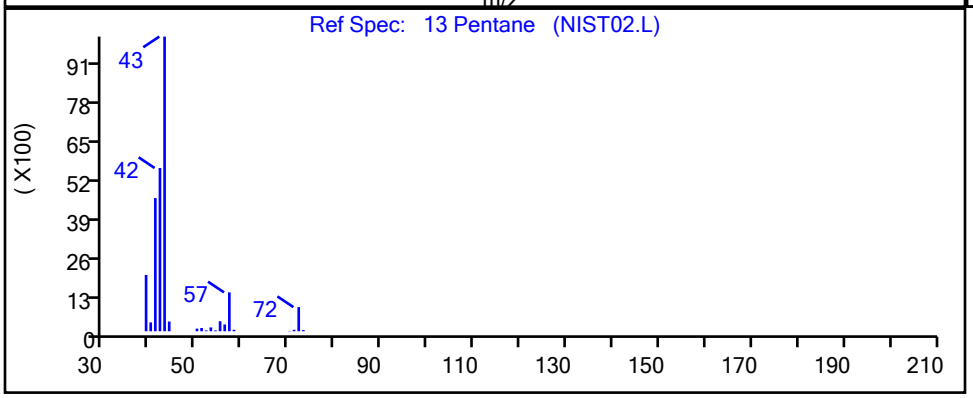
Processing Results











RT	Mass	Response	Amount
2.24	72.00	54	0.824682
2.24	57.00	41	

Reviewer: W9CM, 27-Oct-2023 13:19:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

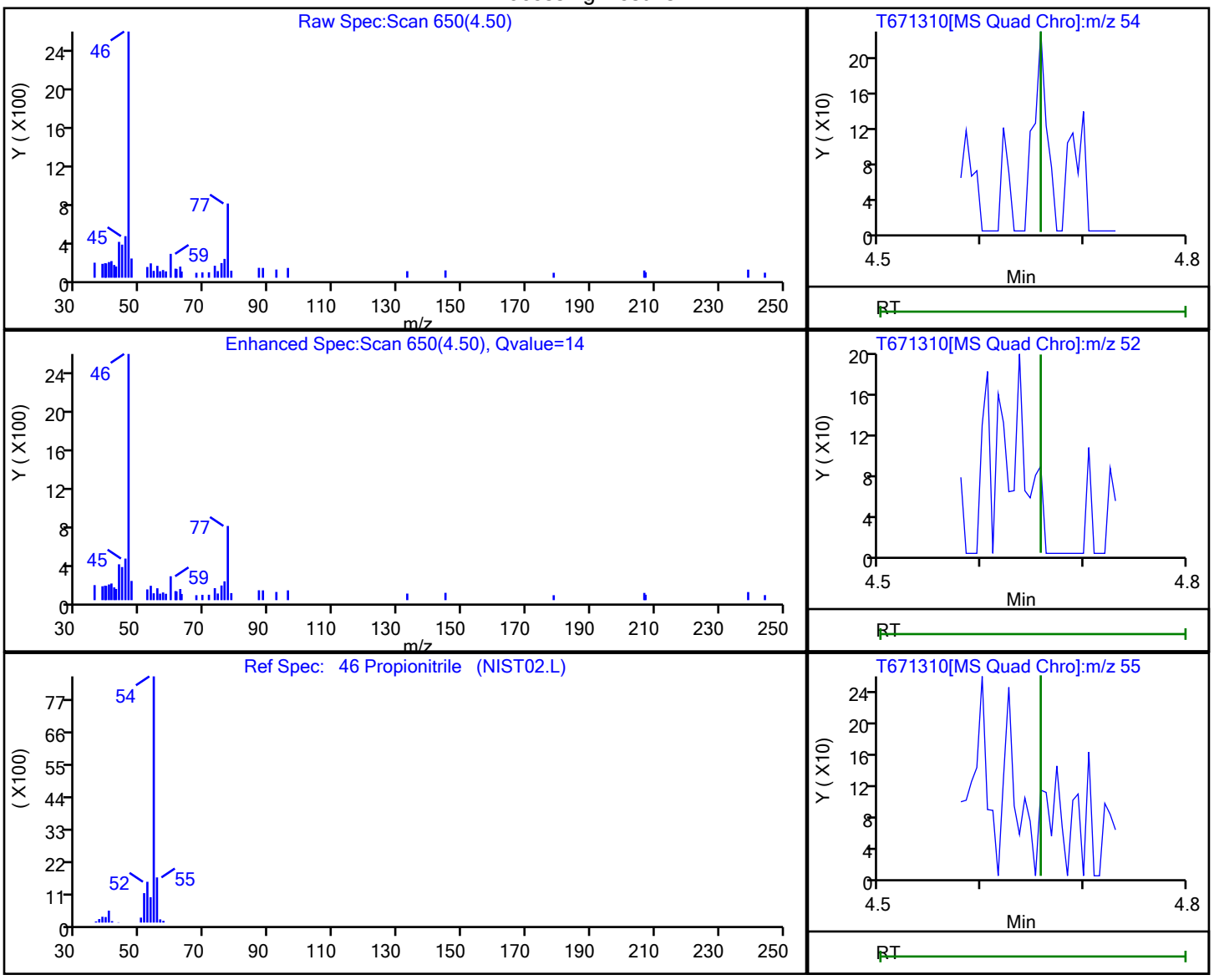
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.50	54.00	62	0.141176
4.50	52.00	70	
4.50	55.00	96	

Reviewer: W9CM, 27-Oct-2023 13:20:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

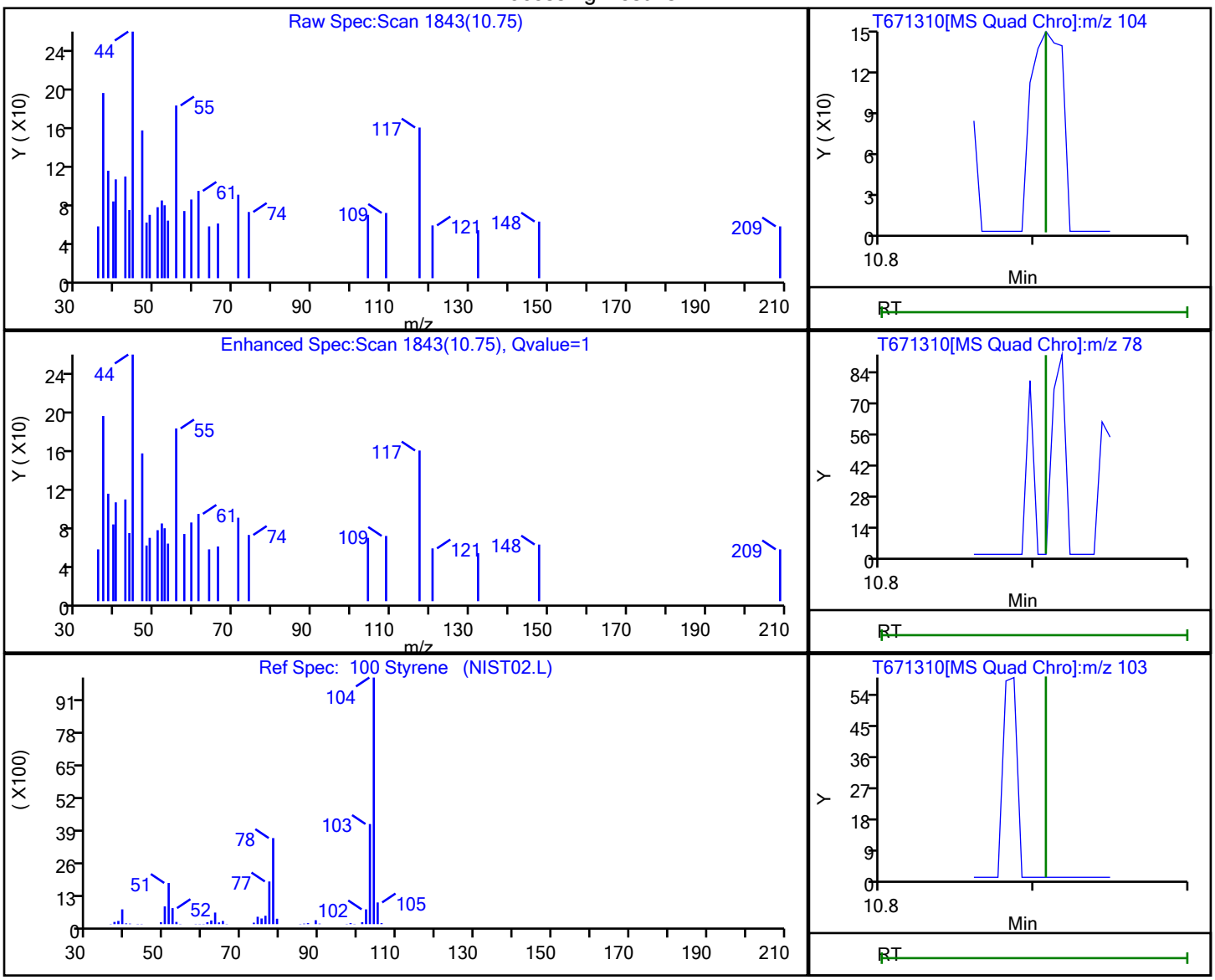
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
10.75	104.00	38	0.003639
10.74	78.00	37	
10.76	103.00	76	

Reviewer: W9CM, 27-Oct-2023 13:21:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

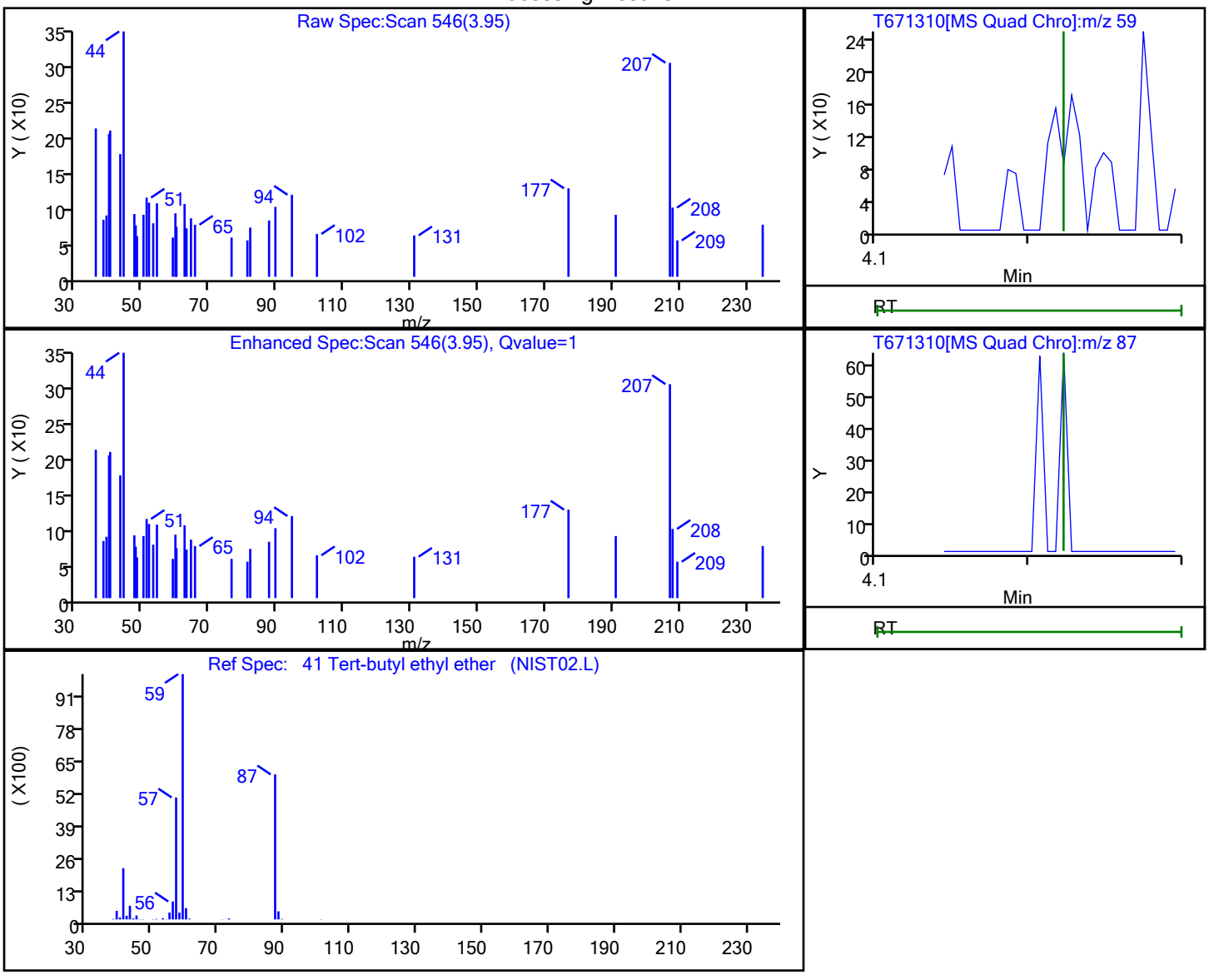
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.95	59.00	116	0.009561
3.96	87.00	50	

Reviewer: W9CM, 27-Oct-2023 13:20:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

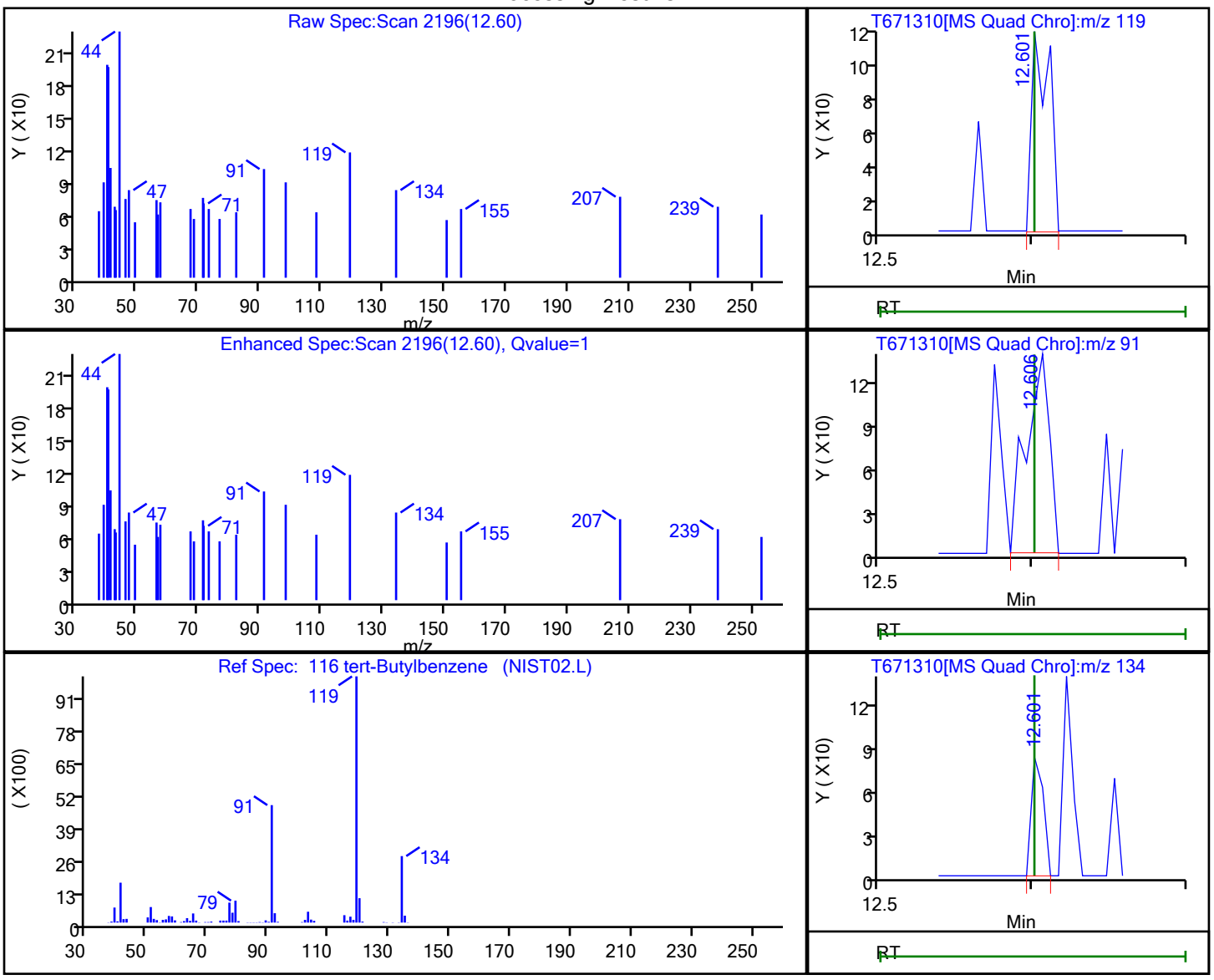
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
12.60	119.00	91	0.008383
12.61	91.00	139	
12.60	134.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

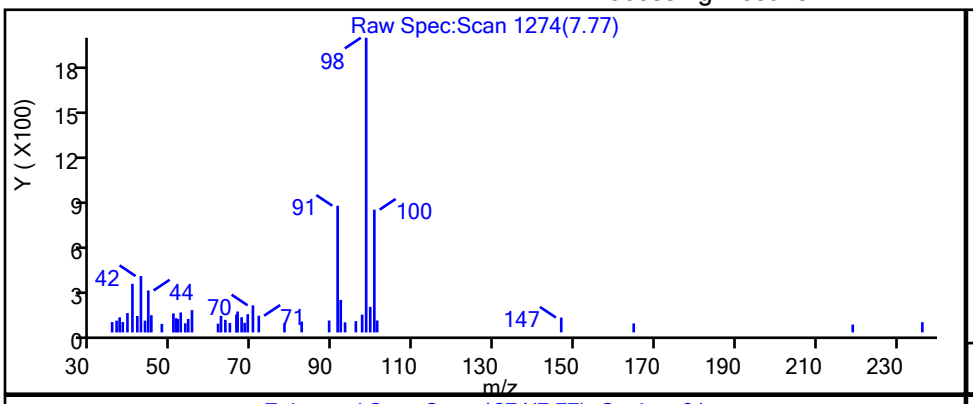
User Disabled Compound Report

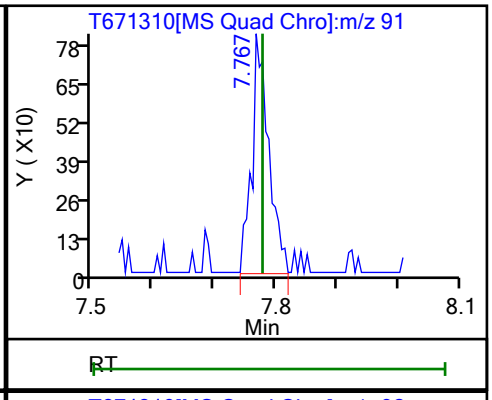
Eurofins Edison

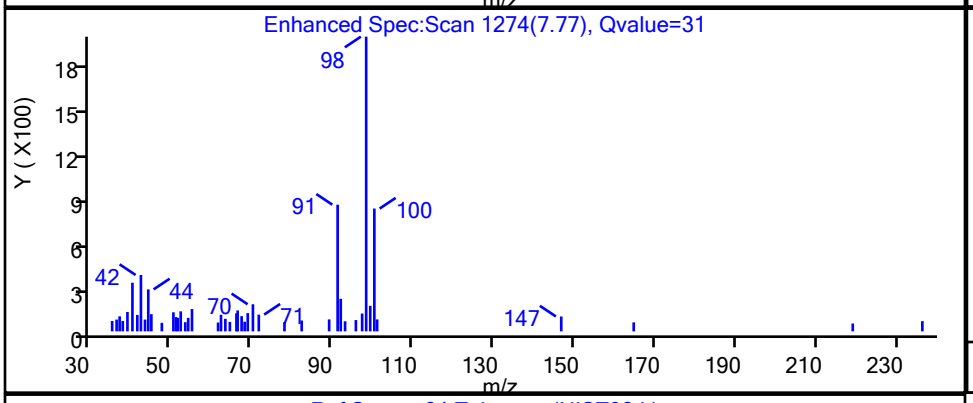
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

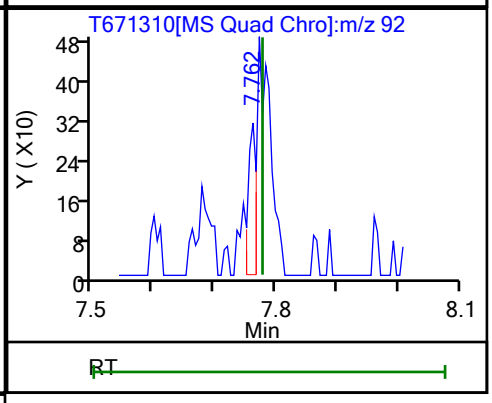
84 Toluene, CAS: 108-88-3

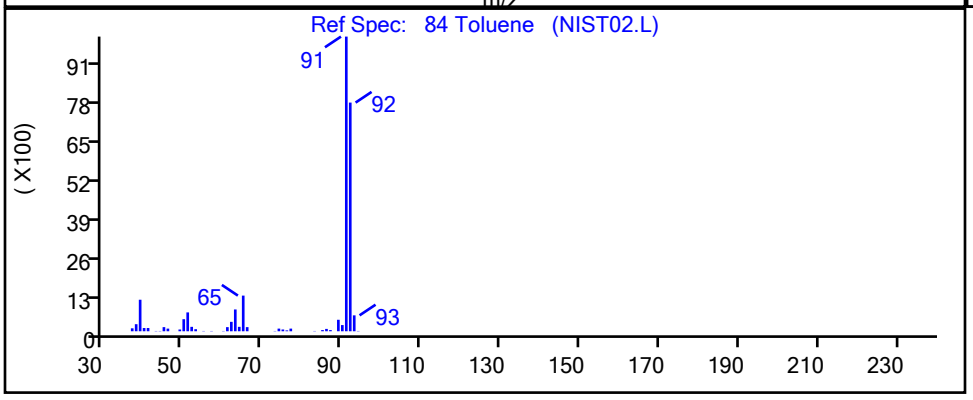
Processing Results











RT	Mass	Response	Amount
7.77	91.00	1559	0.106048
7.76	92.00	274	

Reviewer: W9CM, 27-Oct-2023 13:21:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

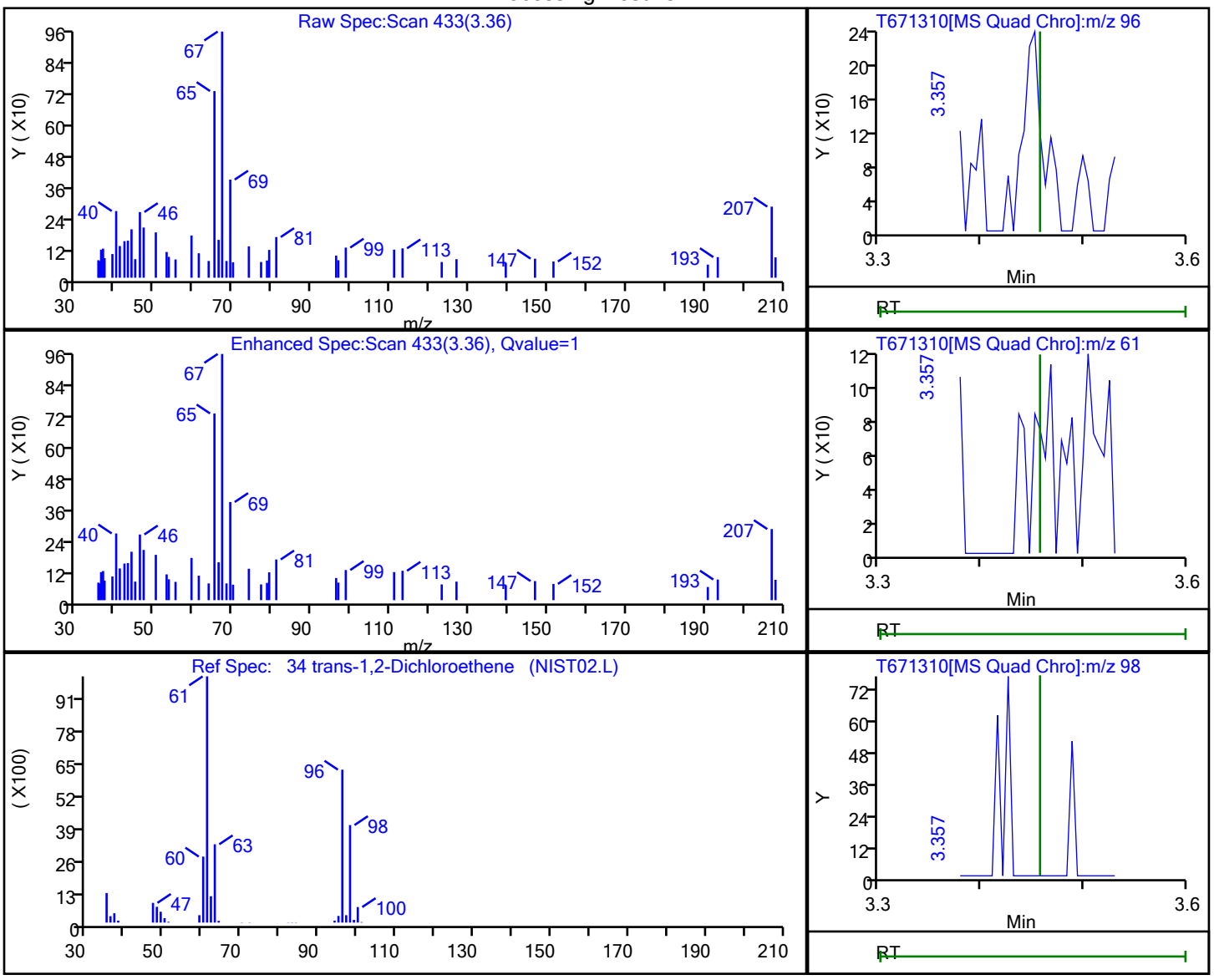
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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

Processing Results



RT	Mass	Response	Amount
3.36	96.00	118	0.019097
3.36	61.00	48	
3.36	98.00	81	

Reviewer: W9CM, 27-Oct-2023 13:20:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

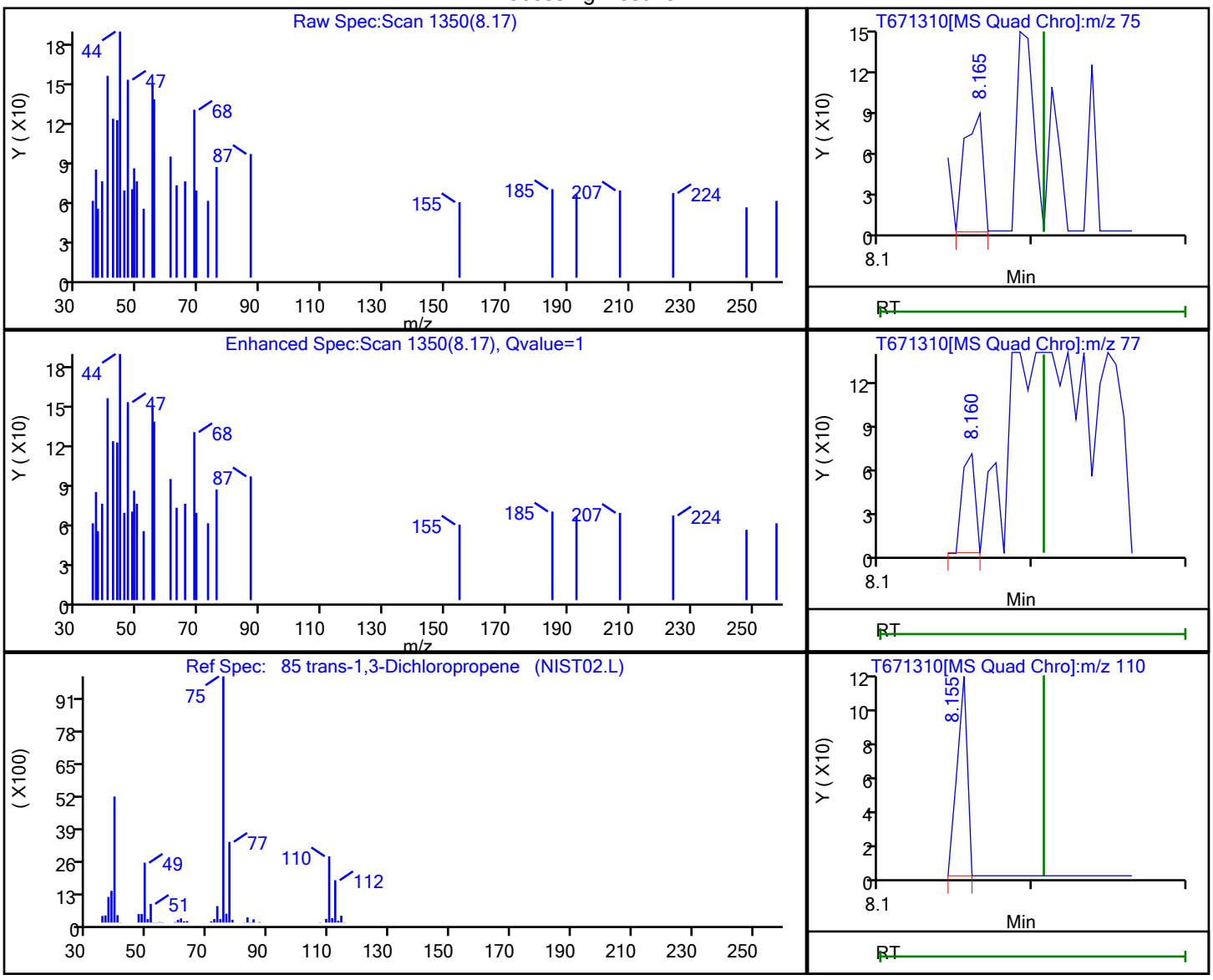
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
8.17	75.00	70	0.008147
8.16	77.00	39	
8.15	110.00	55	

Reviewer: W9CM, 27-Oct-2023 13:21:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

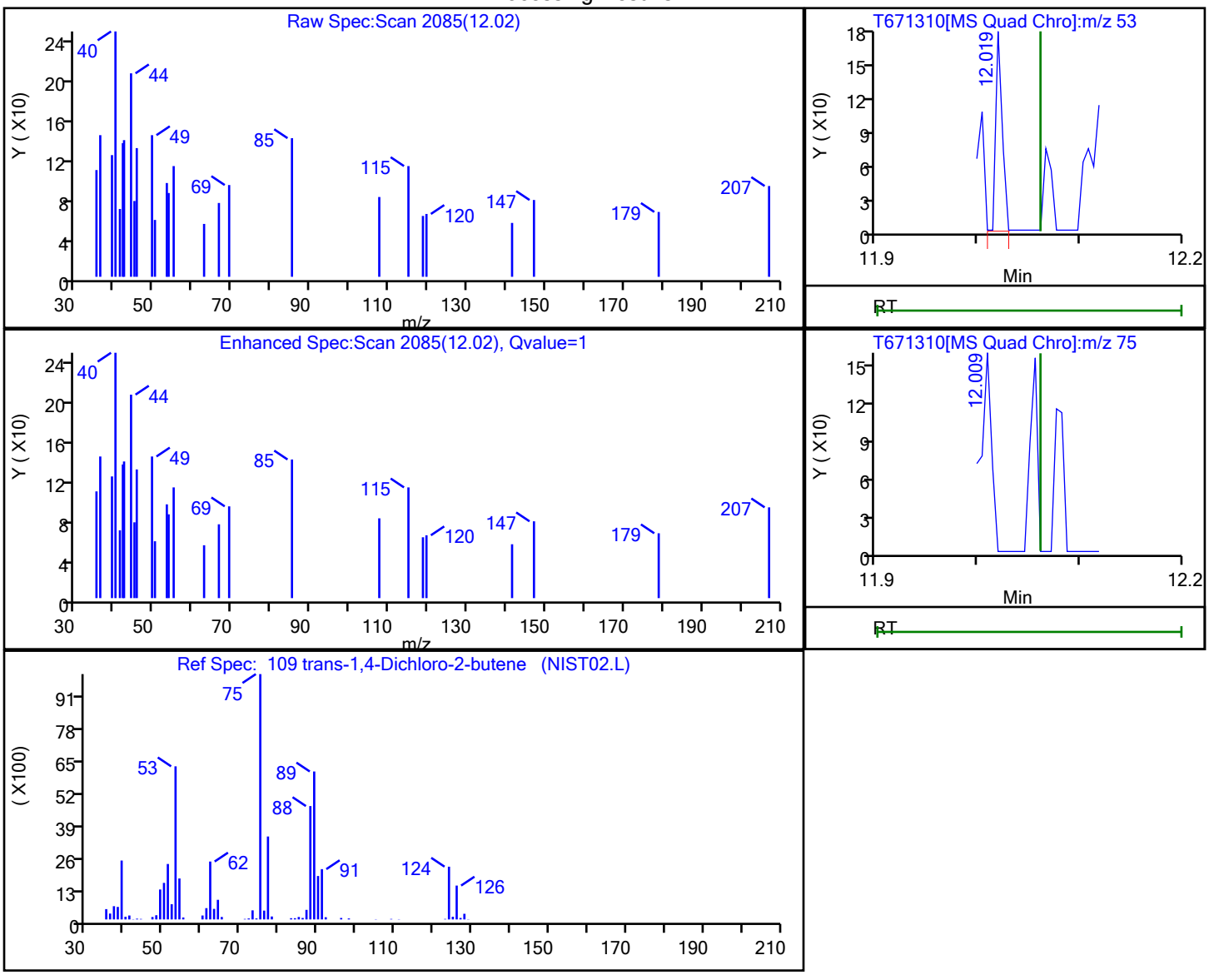
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
12.02	53.00	78	0.061747
12.01	75.00	115	

Reviewer: W9CM, 27-Oct-2023 13:21:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

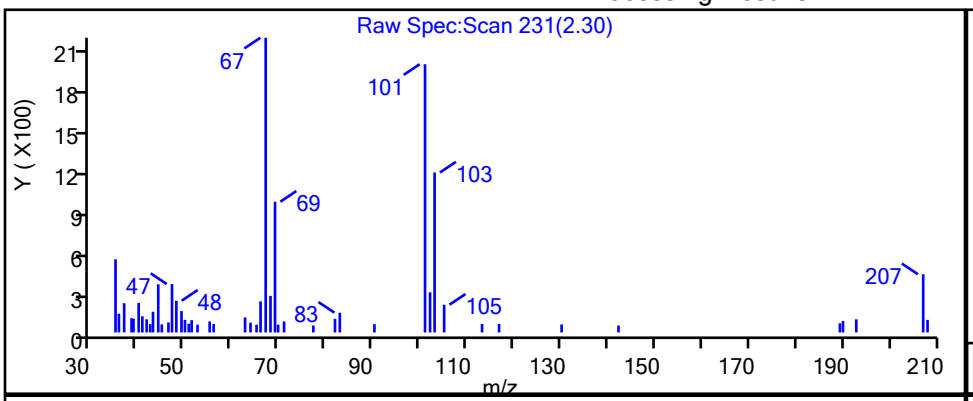
User Disabled Compound Report

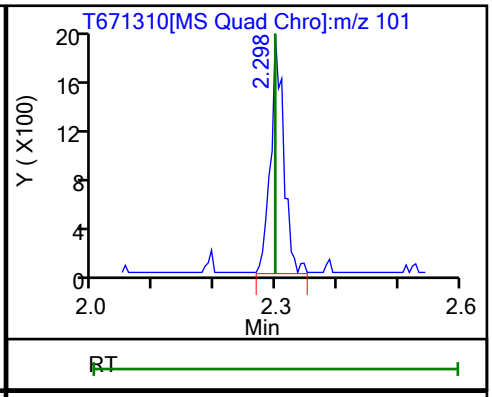
Eurofins Edison

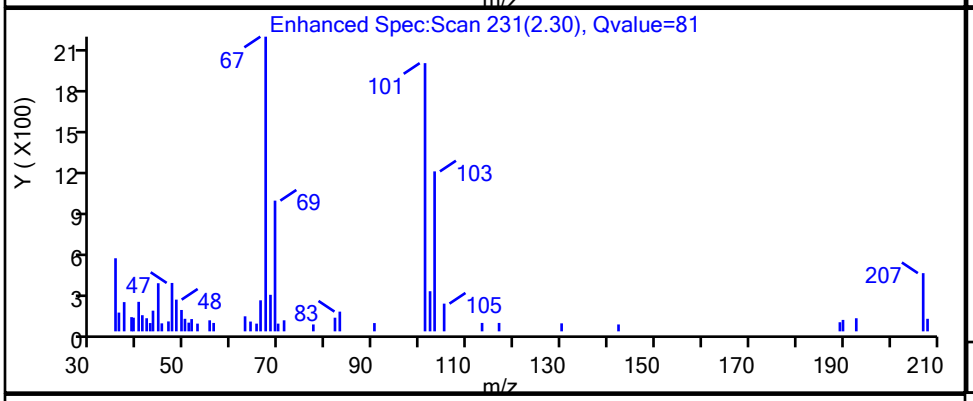
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

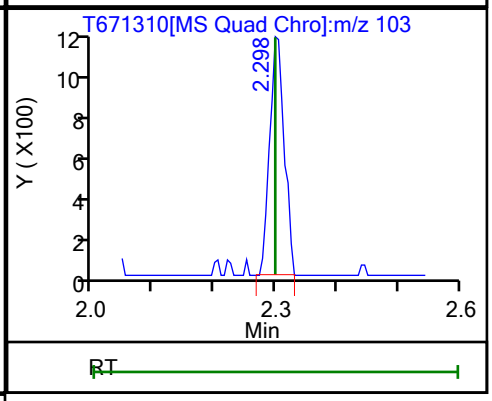
12 Trichlorofluoromethane, CAS: 75-69-4

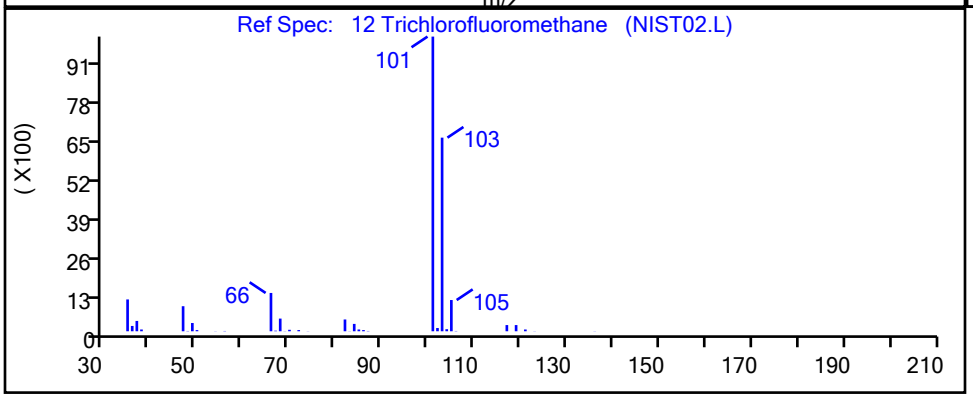
Processing Results











RT	Mass	Response	Amount
2.30	101.00	2856	0.250000
2.30	103.00	1931	

Reviewer: W9CM, 27-Oct-2023 13:19:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

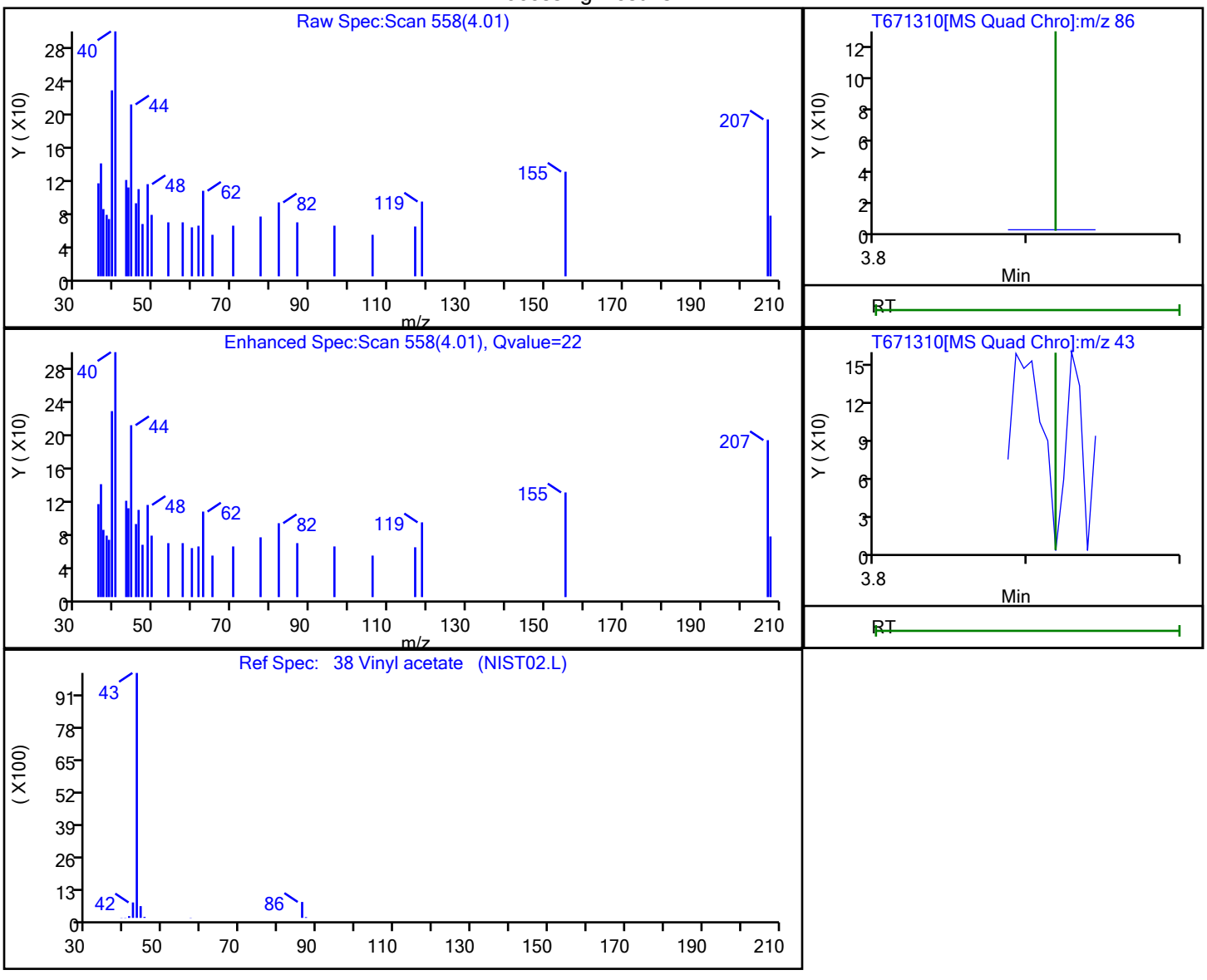
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
4.01	86.00	20	0.037671
4.02	43.00	225	

Reviewer: W9CM, 27-Oct-2023 13:20:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

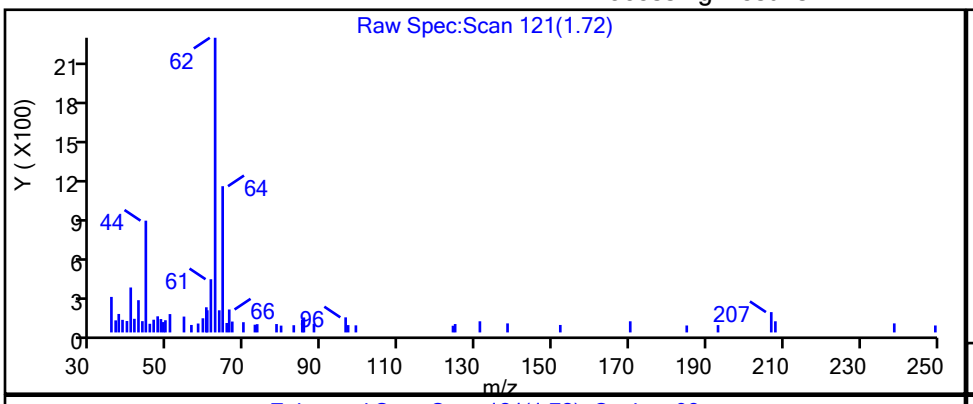
User Disabled Compound Report

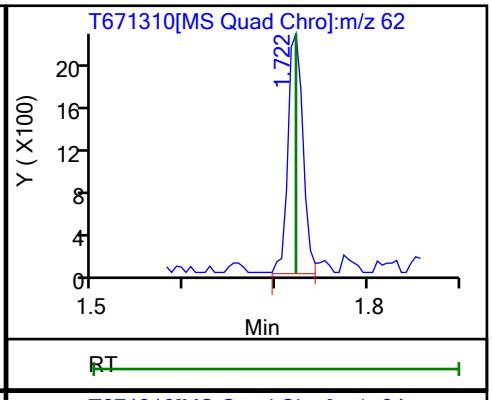
Eurofins Edison

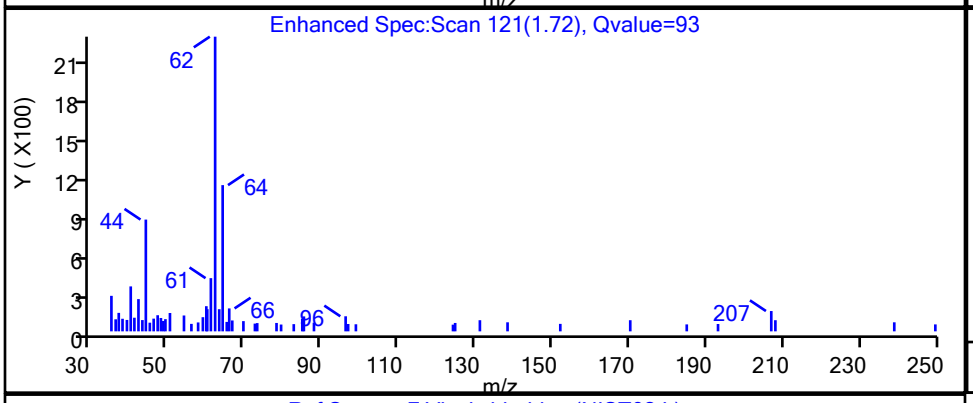
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

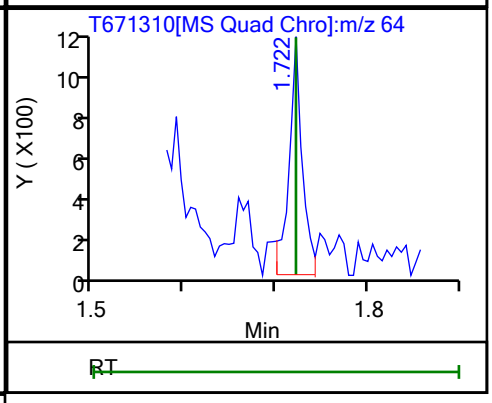
7 Vinyl chloride, CAS: 75-01-4

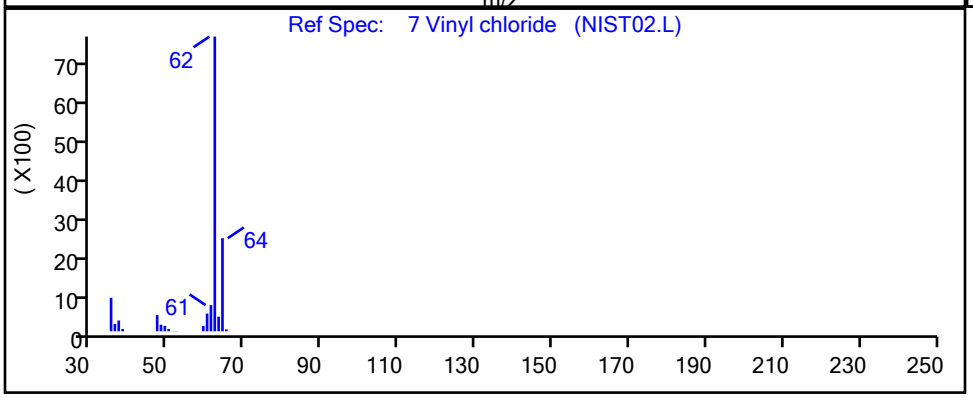
Processing Results











RT	Mass	Response	Amount
1.72	62.00	2549	0.250000
1.72	64.00	1132	

Reviewer: W9CM, 27-Oct-2023 13:19:21 -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\CVOAMS15\20231027-167990.b\T671312.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Oct-2023 12:54:58 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0167990-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:43:47 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: PUV6 Date: 27-Oct-2023 15:32:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	20	342	1.00	1.76	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	90	1335	1.00	1.48	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	91	1681	1.00	1.02	
4 Dichlorodifluoromethane	85	1.454	1.449	0.005	85	4417	1.00	0.9573	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	76	751	1.00	1.15	
6 Chloromethane	50	1.627	1.632	-0.005	97	4649	1.00	1.03	
7 Vinyl chloride	62	1.722	1.721	0.001	76	5769	1.00	1.01	
8 Butadiene	54	1.748	1.748	0.000	90	5755	1.00	0.8742	
9 Bromomethane	94	2.026	2.020	0.006	93	4108	1.00	1.15	
10 Chloroethane	64	2.110	2.109	0.001	89	2869	1.00	1.01	
11 Dichlorofluoromethane	67	2.298	2.293	0.005	86	7204	1.00	0.9289	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	91	6360	1.00	0.9709	
13 Pentane	72	2.351	2.351	0.000	88	906	2.00	2.15	
14 Ethanol	46	2.513	2.513	0.000	90	440	40.0	29.9	
15 Ethyl ether	59	2.555	2.555	0.000	82	3276	1.00	1.20	
17 2-Methyl-1,3-butadiene	53	2.581	2.576	0.005	87	2395	1.00	0.9666	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	83	3600	1.00	0.99	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.665	-0.005	92	5637	1.00	0.9882	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.733	0.001	83	3520	1.00	0.9802	
19 Acrolein	56	2.739	2.733	0.006	90	2224	4.00	4.05	
20 1,1-Dichloroethene	96	2.781	2.770	0.011	77	3529	1.00	1.13	a
22 Acetone	43	2.870	2.870	0.000	84	4258	5.00	5.32	
23 Iodomethane	142	2.933	2.933	0.000	95	2740	1.00	1.02	
24 Carbon disulfide	76	2.964	2.964	0.000	99	7055	1.00	1.05	
25 Isopropyl alcohol	45	2.969	2.964	0.005	33	1784	10.0	10.7	M
27 3-Chloro-1-propene	76	3.116	3.116	0.000	81	2036	1.00	1.01	
28 Methyl acetate	43	3.132	3.132	0.000	81	4145	2.00	2.01	
29 Cyclopentene	67	3.132	3.132	0.000	87	5358	1.00	0.9837	
26 Acetonitrile	41	3.184	3.190	-0.006	94	3168	10.0	9.76	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	97	34889	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	3.253	3.252	0.001	32	4171	1.00	1.03	
32 2-Methyl-2-propanol	59	3.316	3.315	0.001	85	3601	10.0	12.0	
35 Methyl tert-butyl ether	73	3.426	3.431	-0.005	92	8135	1.00	0.8808	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	79	3987	1.00	1.09	
33 Acrylonitrile	53	3.541	3.536	0.005	85	10318	10.0	9.32	M
36 Hexane	57	3.625	3.635	-0.010	86	2793	1.00	0.99	
40 Isopropyl ether	45	3.877	3.866	0.010	97	9146	1.00	0.9576	a
37 1,1-Dichloroethane	63	3.903	3.897	0.006	95	6437	1.00	1.02	
38 Vinyl acetate	86	3.913	3.918	-0.005	98	1070	2.00	1.71	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	83	2963	1.00	0.9465	
41 Tert-butyl ethyl ether	59	4.228	4.222	0.006	82	7856	1.00	0.8733	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	67	244521	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	46	1785	1.00	1.17	M
43 cis-1,2-Dichloroethene	96	4.490	4.485	0.005	73	4601	1.00	1.01	
45 2-Butanone (MEK)	72	4.511	4.506	0.005	97	1907	5.00	5.15	
47 Ethyl acetate	70	4.511	4.516	-0.005	94	792	2.00	2.50	
48 Methyl acrylate	55	4.569	4.574	-0.005	78	2329	1.00	0.8882	
46 Propionitrile	54	4.663	4.658	0.005	88	4426	10.0	9.90	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	2204	1.00	0.9483	
51 Tetrahydrofuran	72	4.752	4.742	0.010	46	1233	2.00	1.94	
50 Methacrylonitrile	67	4.778	4.773	0.005	85	12549	10.0	8.58	
52 Chloroform	83	4.805	4.804	0.001	88	6798	1.00	0.9572	
55 Cyclohexane	84	4.936	4.941	-0.005	84	4491	1.00	1.01	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	39	5786	1.00	0.9827	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	174136	50.0	50.4	
56 Carbon tetrachloride	117	5.098	5.098	0.000	95	5317	1.00	1.00	
57 1,1-Dichloropropene	75	5.135	5.140	-0.005	88	4546	1.00	0.9817	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	81	3991	25.0	25.6	M
62 Isooctane	57	5.334	5.339	-0.005	92	6689	1.00	0.9410	M
60 Benzene	78	5.371	5.365	0.006	50	14000	1.00	1.00	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.386	0.001	97	153697	50.0	50.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	81	7996	1.00	0.8487	
63 Isopropyl acetate	61	5.449	5.455	-0.006	84	1588	1.00	0.9444	a
61 1,2-Dichloroethane	62	5.470	5.476	-0.006	87	4790	1.00	1.13	
66 n-Heptane	43	5.549	5.554	-0.005	84	2172	1.00	0.9460	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	562411	50.0	50.0	
68 n-Butanol	56	6.084	6.079	0.006	76	1882	25.0	25.7	
67 Trichloroethene	95	6.121	6.120	0.001	88	3855	1.00	0.9660	
70 Methylcyclohexane	83	6.262	6.262	0.000	89	4852	1.00	1.02	
69 Ethyl acrylate	55	6.273	6.273	0.001	92	6171	1.00	0.9306	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	81	3696	1.00	0.9830	
* 73 1,4-Dioxane-d8	96	6.530	6.535	-0.005	1	30708	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.566	-0.005	71	1829	2.00	1.98	
74 1,4-Dioxane	88	6.608	6.603	0.005	55	1885	50.0	44.1	
72 Dibromomethane	93	6.608	6.608	0.000	86	2660	1.00	1.01	
76 n-Propyl acetate	43	6.640	6.634	0.006	91	3166	1.00	0.8704	
77 Dichlorobromomethane	83	6.797	6.792	0.005	91	5198	1.00	0.9776	
78 2-Nitropropane	41	7.201	7.201	0.000	96	1223	2.00	1.80	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	71	456	1.00	0.9764	
80 Epichlorohydrin	57	7.332	7.326	0.006	92	5469	20.0	20.6	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	72	6124	1.00	0.9830	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	92	10384	5.00	4.62	

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	7.683	7.683	0.000	98	588344	50.0	50.7	
84 Toluene	91	7.777	7.777	0.000	91	16913	1.00	1.06	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	85	4888	1.00	0.9043	
86 Ethyl methacrylate	69	8.260	8.254	0.006	71	3734	1.00	0.9673	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	87	2685	1.00	0.9071	
88 Tetrachloroethene	166	8.501	8.506	-0.005	82	4570	1.00	1.00	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	82	5359	1.00	0.9838	
90 2-Hexanone	43	8.805	8.810	-0.005	94	7754	5.00	4.93	
93 n-Butyl acetate	43	8.968	8.957	0.011	88	4240	1.00	1.08	a
91 Chlorodibromomethane	129	8.994	8.983	0.011	78	3972	1.00	0.9113	M
92 Ethylene Dibromide	107	9.177	9.167	0.010	72	3589	1.00	0.9860	M
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	464626	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	91	10284	1.00	0.9380	
97 Ethylbenzene	106	10.016	10.021	-0.005	95	5767	1.00	0.9819	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.037	0.000	51	4274	1.00	0.9764	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	95	6831	1.00	0.99	
99 o-Xylene	106	10.855	10.860	-0.005	89	6703	1.00	0.9633	M
101 n-Butyl acrylate	73	10.881	10.871	0.010	88	2478	1.00	0.9615	
100 Styrene	104	10.908	10.907	0.001	95	10072	1.00	0.8799	
102 Bromoform	173	11.227	11.222	0.005	66	2968	1.00	0.9705	
103 Amyl acetate (mixed isomers)	43	11.254	11.248	0.006	80	4307	1.00	0.9602	
104 Isopropylbenzene	105	11.427	11.432	-0.005	95	15973	1.00	0.9461	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	97	216926	50.0	52.2	
106 Bromobenzene	156	11.878	11.877	0.001	83	4688	1.00	0.9082	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.967	0.005	85	4041	1.00	0.9655	
110 N-Propylbenzene	91	11.998	11.998	0.000	98	19410	1.00	0.9491	
108 1,2,3-Trichloropropane	110	12.014	12.024	-0.010	56	1459	1.00	1.10	M
109 trans-1,4-Dichloro-2-butene	53	12.056	12.061	-0.005	74	843	1.00	0.9860	
111 2-Chlorotoluene	91	12.129	12.124	0.005	95	12275	1.00	0.9133	
112 4-Ethyltoluene	105	12.155	12.155	0.000	97	15781	1.00	0.9284	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	88	12250	1.00	0.8894	
113 4-Chlorotoluene	91	12.276	12.276	0.000	93	12414	1.00	0.9185	
115 Butyl Methacrylate	87	12.391	12.391	0.000	79	3919	1.00	0.8807	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	11162	1.00	0.9343	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	94	13431	1.00	0.9303	
118 sec-Butylbenzene	105	12.853	12.847	0.006	96	15347	1.00	0.9106	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	93	8057	1.00	0.8911	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	88	12931	1.00	0.8878	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	258131	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	63	7857	1.00	0.8658	
123 1,2,3-Trimethylbenzene	105	13.131	13.130	0.001	96	13096	1.00	0.9214	
124 Benzyl chloride	91	13.262	13.262	0.000	95	6677	1.00	0.8405	
125 2,3-Dihydroindene	117	13.330	13.324	0.006	91	12435	1.00	0.8829	
127 p-Diethylbenzene	119	13.408	13.408	0.000	89	7422	1.00	0.8603	
128 n-Butylbenzene	92	13.429	13.429	0.000	94	6397	1.00	0.9131	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	91	6920	1.00	0.8679	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.142	0.001	94	9746	1.00	0.8500	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	58	862	1.00	0.9391	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	89	4698	1.00	0.9073	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	83	3493	1.00	0.8772	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	42	1991	1.00	1.01	
134 Naphthalene	128	15.092	15.091	0.001	97	5950	1.00	0.7580	

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	15.280	15.280	0.000	73	2287	1.00	0.7999	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.10	
S 137 Xylenes, Total	100				0		2.00	1.95	
S 140 Total BTEX	1				0		5.00	5.00	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.89	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

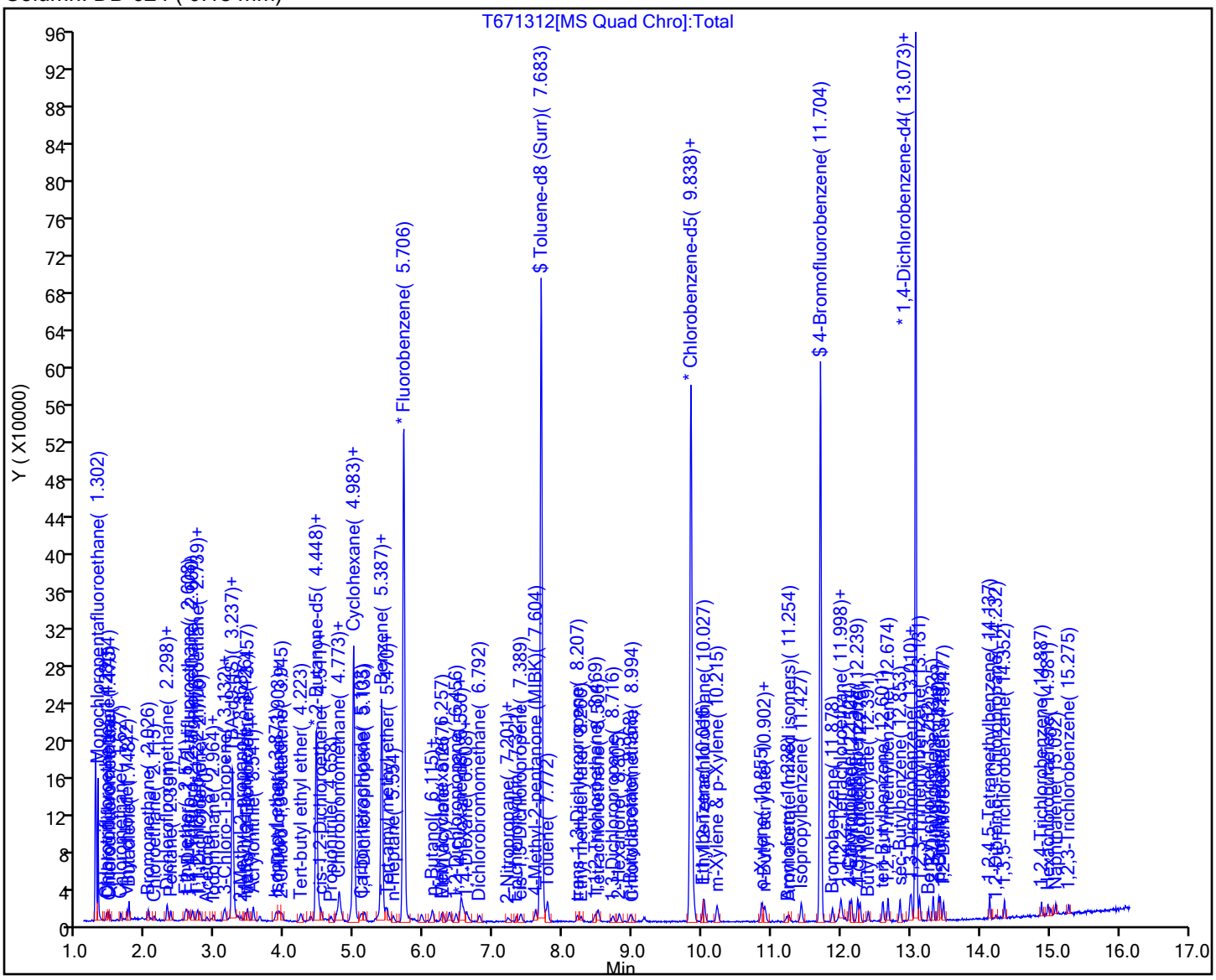
Reagents:

8260MIX1COMB_00177	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 10.00	Units: uL		
ACROLEIN W_00161	Amount Added: 4.00	Units: uL		
524FREONS_00009	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 10.00	Units: uL		
14DIOXINTER_00162	Amount Added: 30.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 28-Oct-2023 10:43:47 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

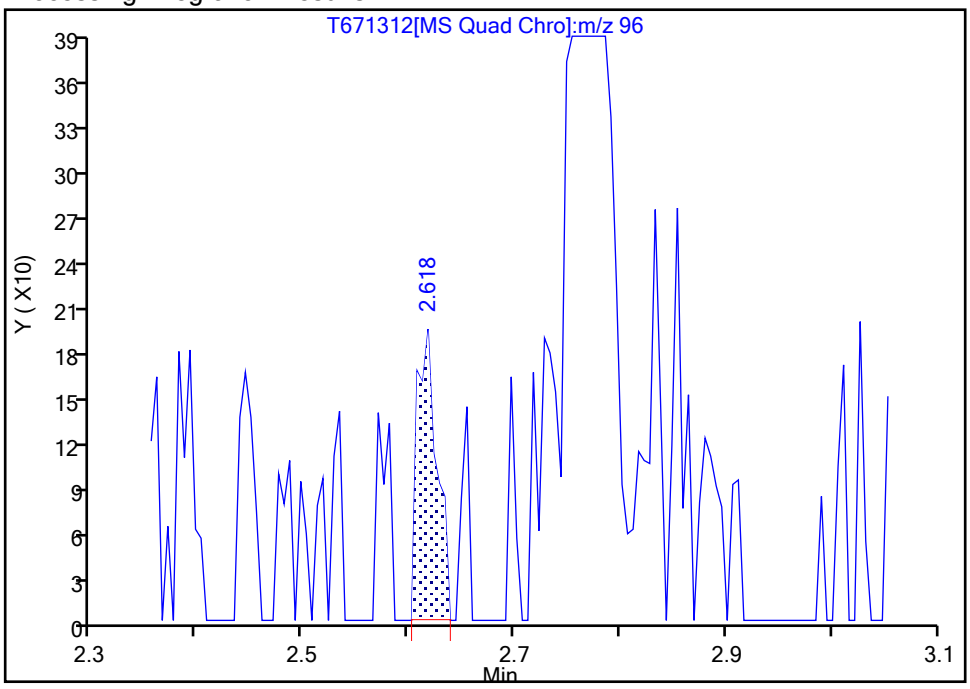
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

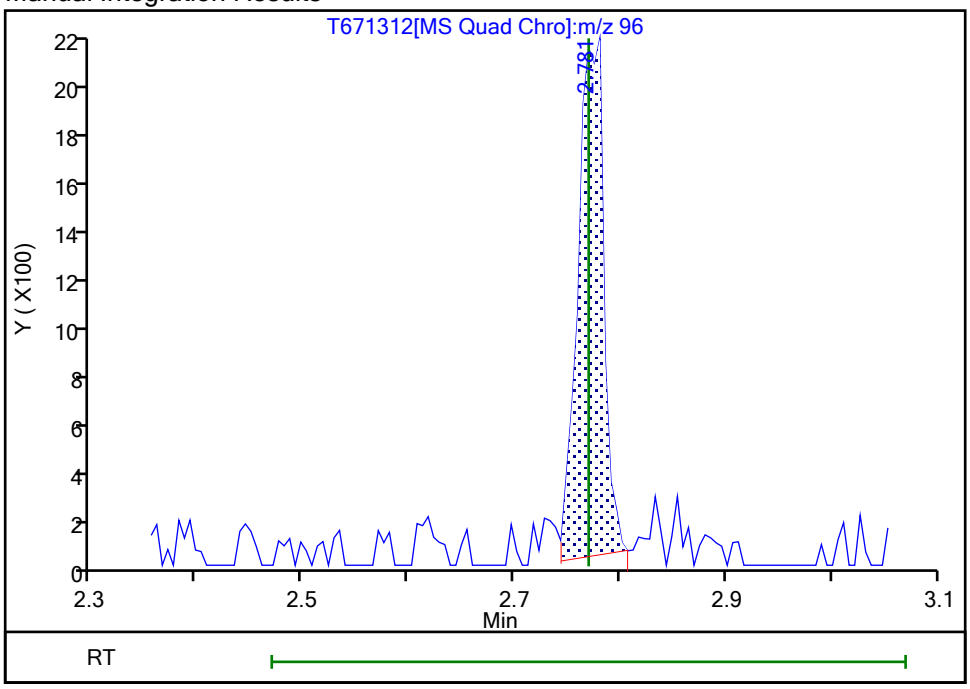
Processing Integration Results

RT: 2.62
Area: 254
Amount: 0.089369
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 3529
Amount: 1.134564
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:31:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

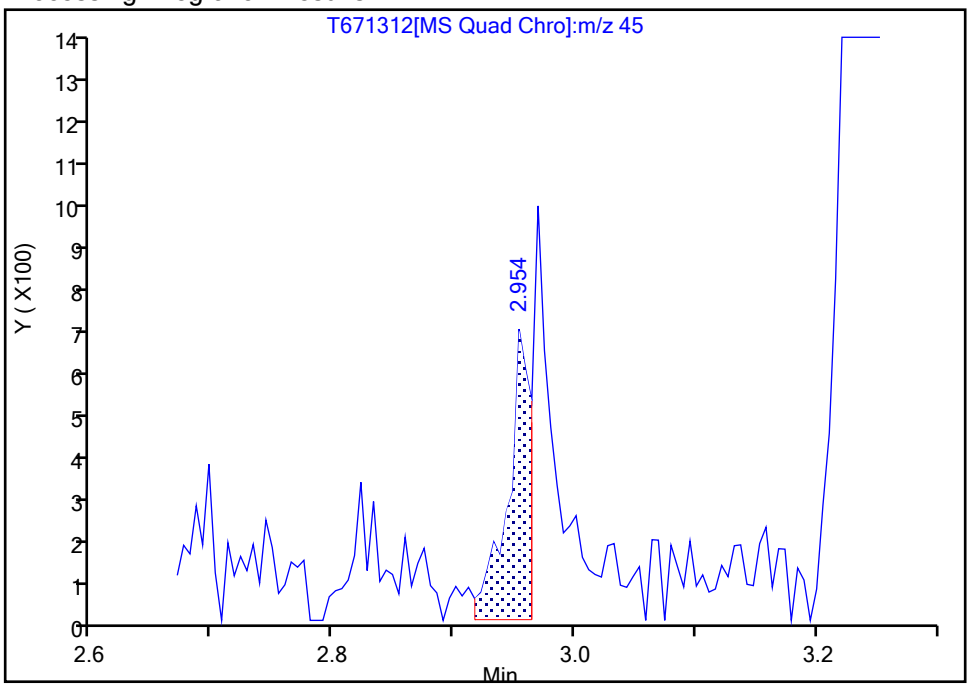
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

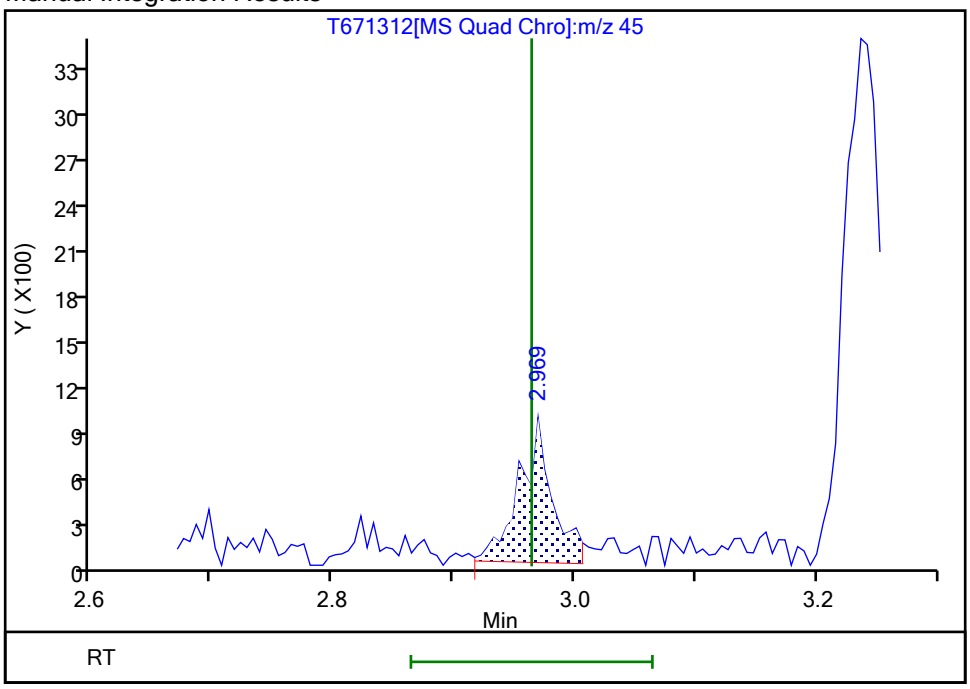
Processing Integration Results

RT: 2.95
Area: 913
Amount: 5.550614
Amount Units: ug/l



Manual Integration Results

RT: 2.97
Area: 1784
Amount: 10.683948
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:32:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

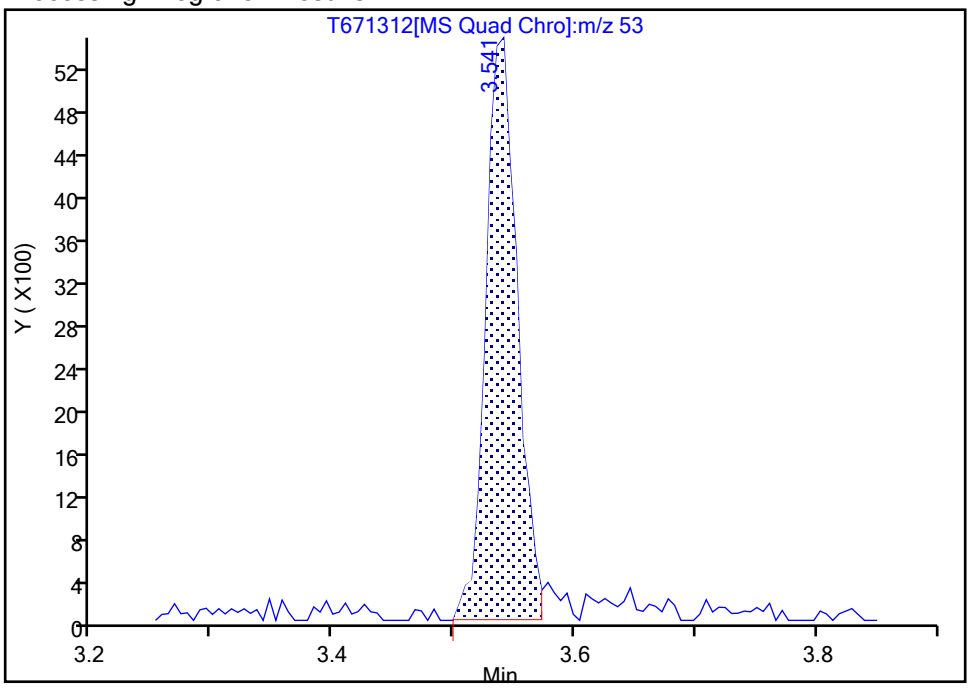
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

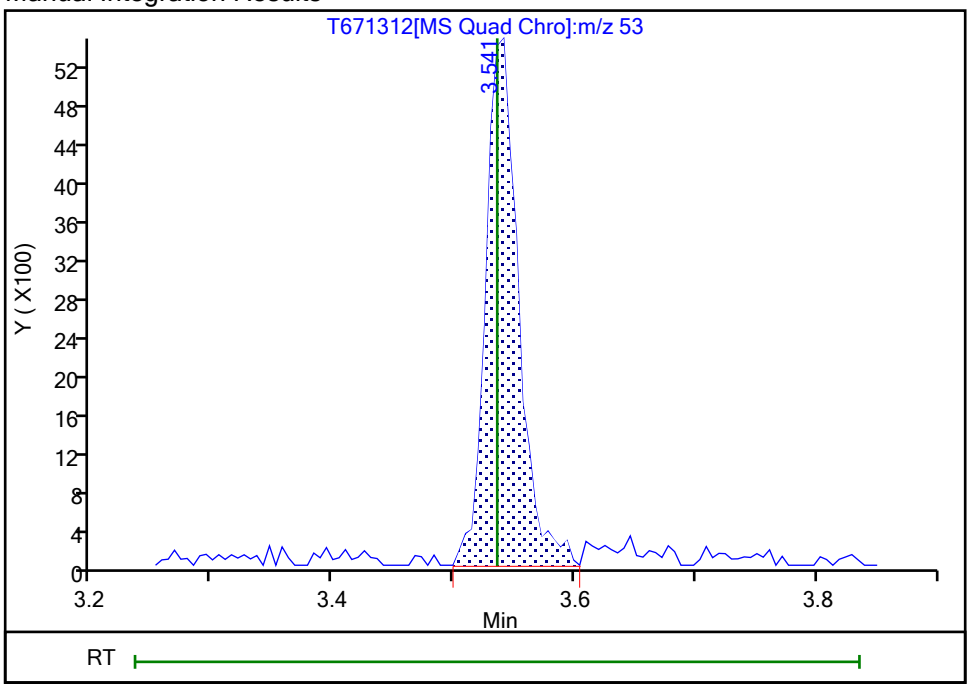
Processing Integration Results

RT: 3.54
Area: 9969
Amount: 9.000186
Amount Units: ug/l



Manual Integration Results

RT: 3.54
Area: 10318
Amount: 9.315155
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:32:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

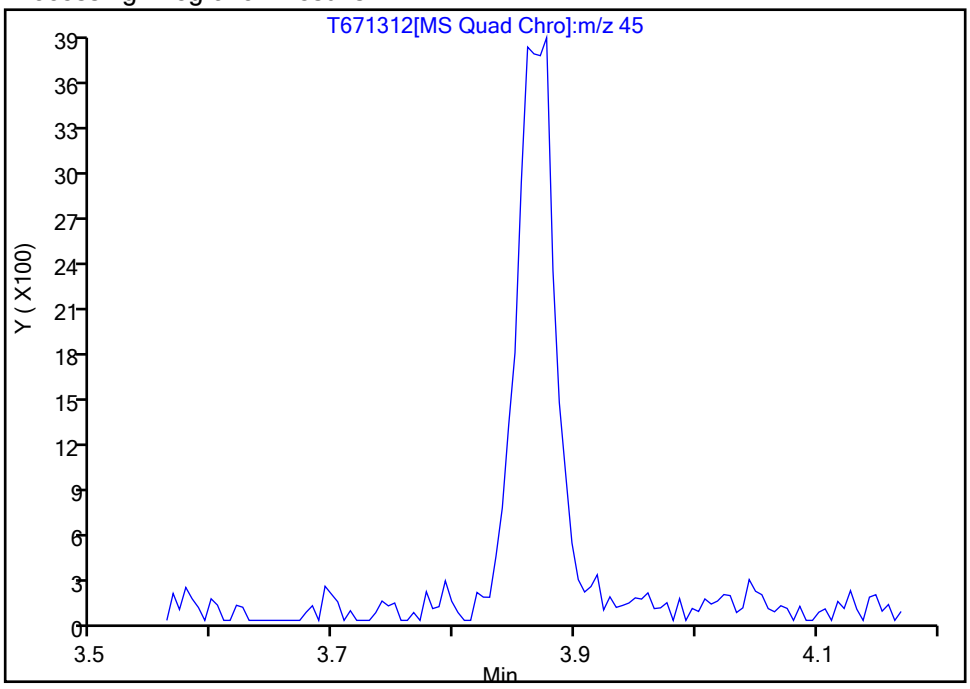
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 Isopropyl ether, CAS: 108-20-3

Signal: 1

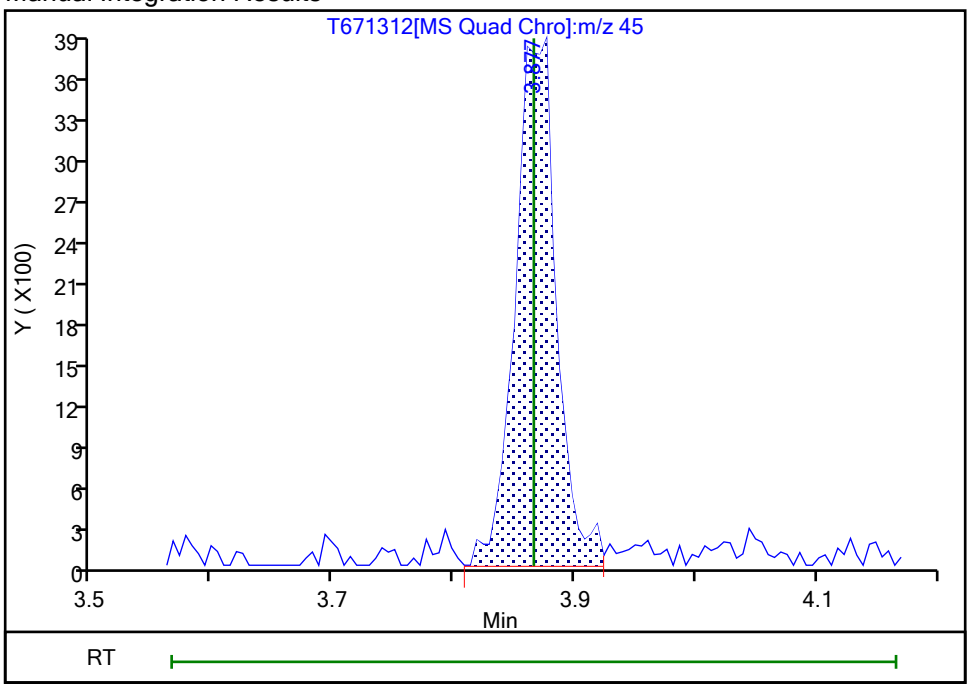
Not Detected
Expected RT: 3.87

Processing Integration Results



Manual Integration Results

RT: 3.88
Area: 9146
Amount: 0.957598
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:30:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

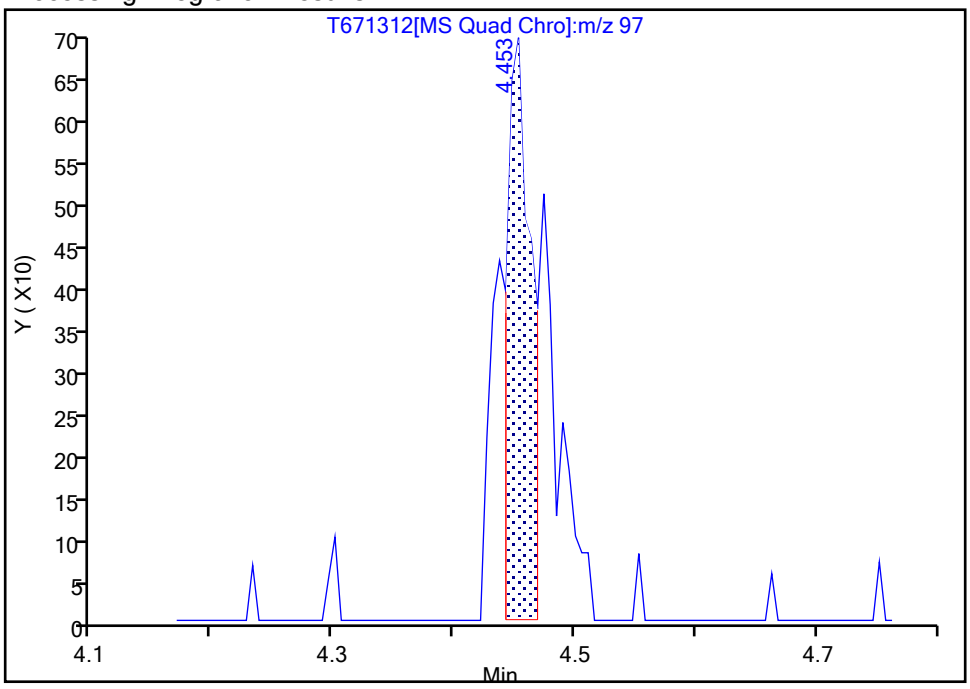
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

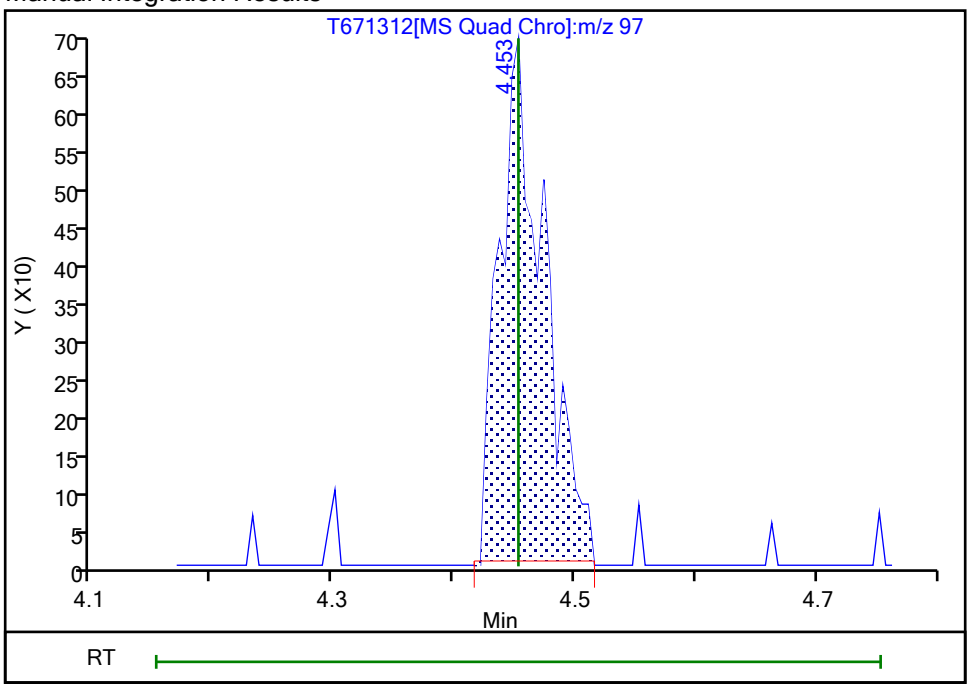
Processing Integration Results

RT: 4.45
Area: 960
Amount: 0.607765
Amount Units: ug/l



Manual Integration Results

RT: 4.45
Area: 1785
Amount: 1.165765
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:32:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

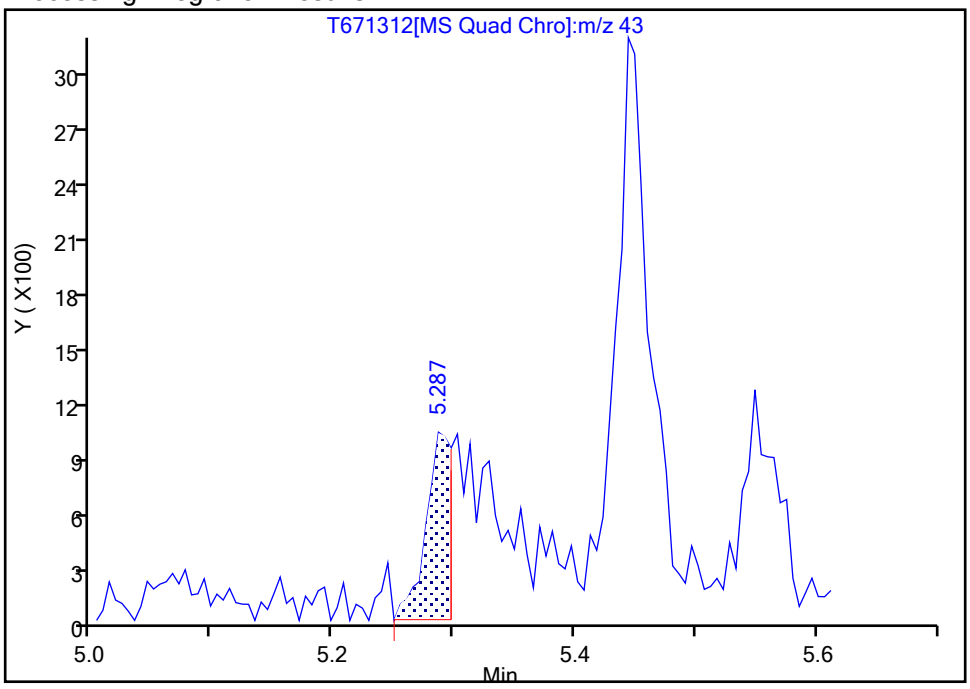
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

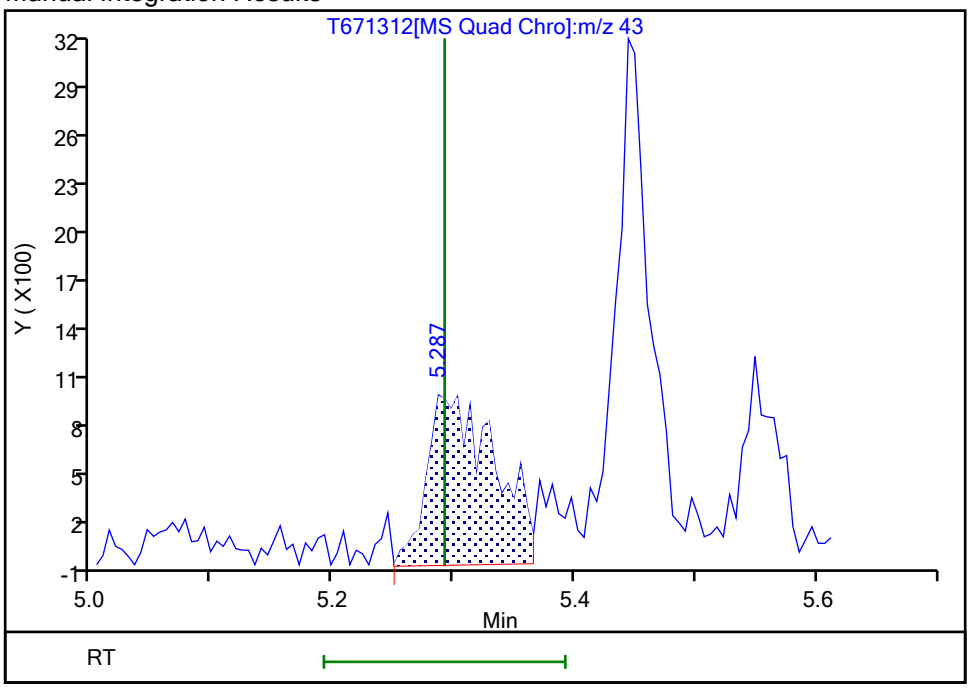
Processing Integration Results

RT: 5.29
Area: 1509
Amount: 11.439699
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 3991
Amount: 25.605401
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

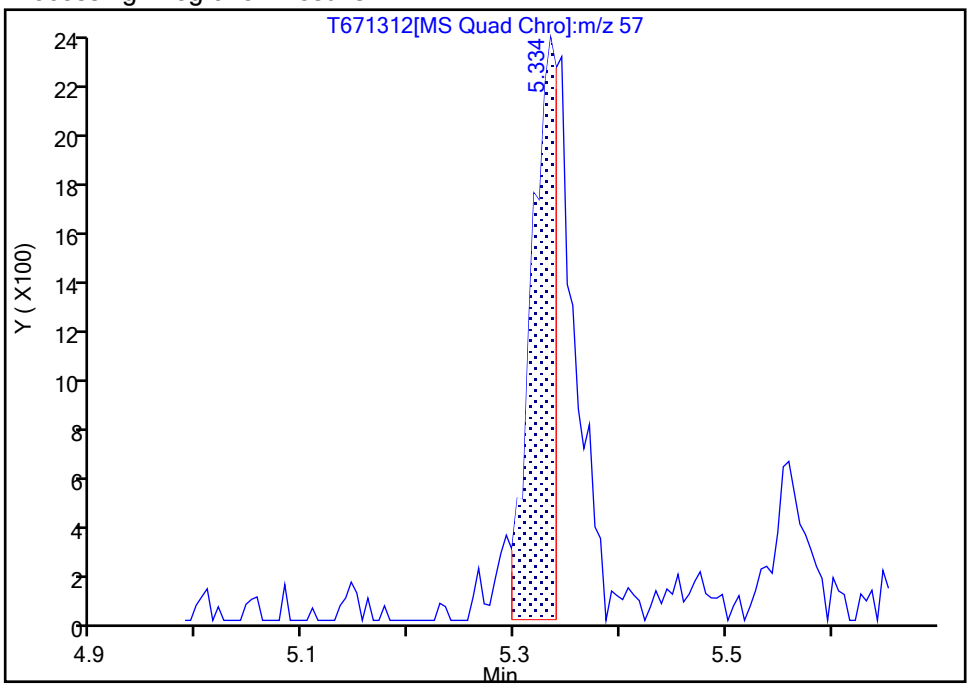
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

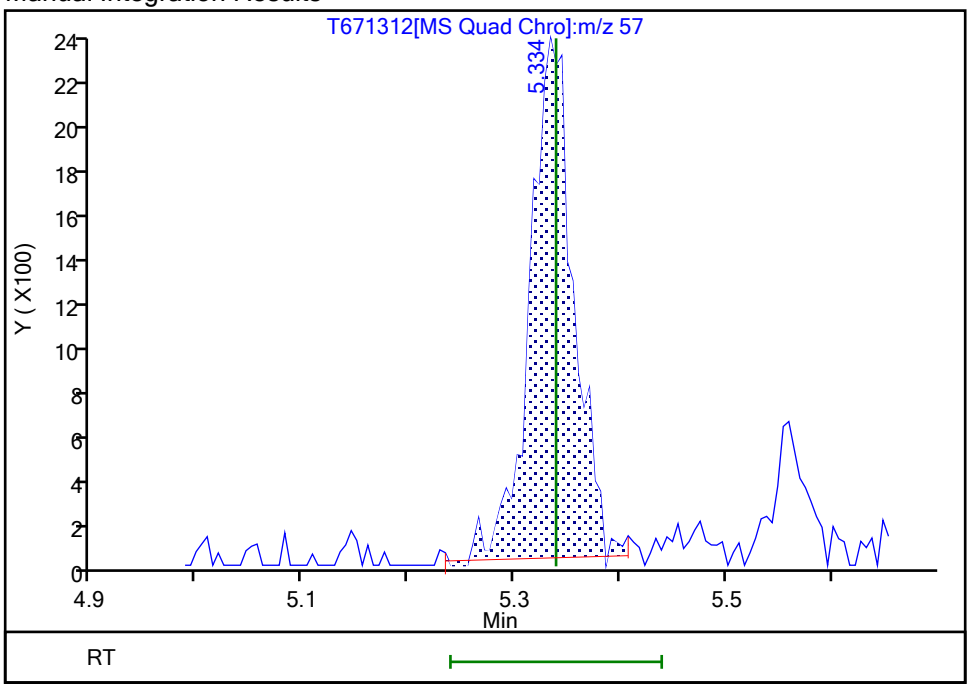
Processing Integration Results

RT: 5.33
Area: 3974
Amount: 0.567079
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 6689
Amount: 0.941010
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:30:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

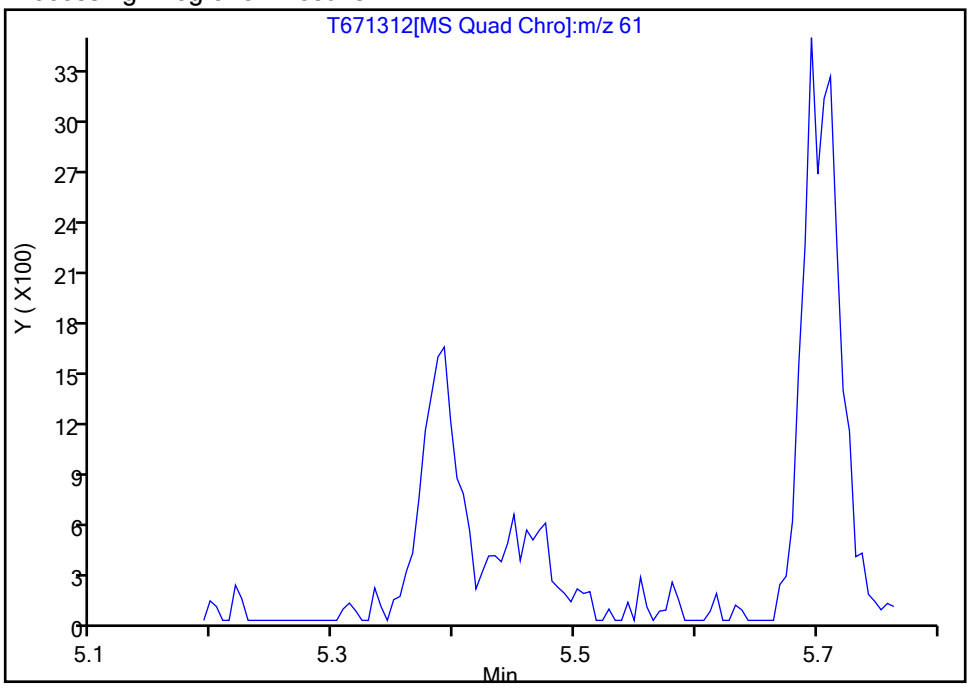
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

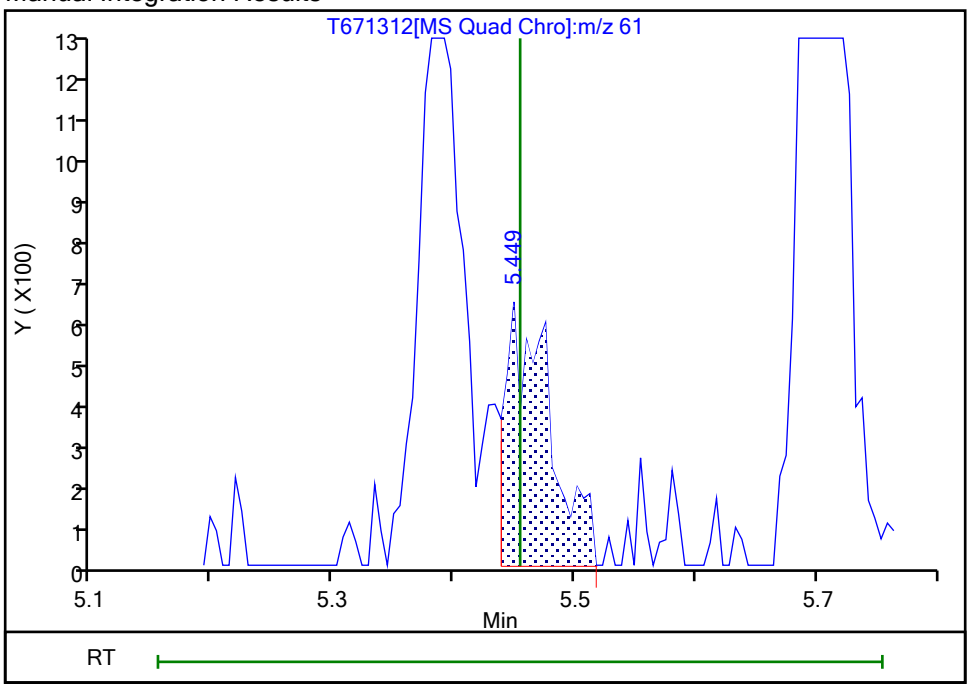
Not Detected
Expected RT: 5.45

Processing Integration Results



Manual Integration Results

RT: 5.45
Area: 1588
Amount: 0.944364
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:34:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

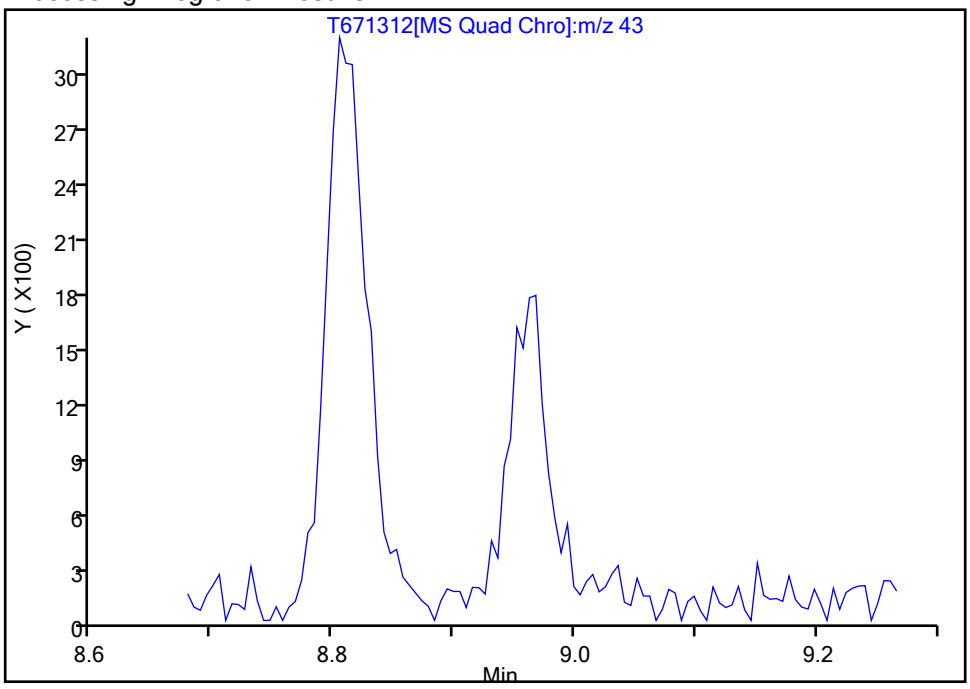
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

93 n-Butyl acetate, CAS: 123-86-4

Signal: 1

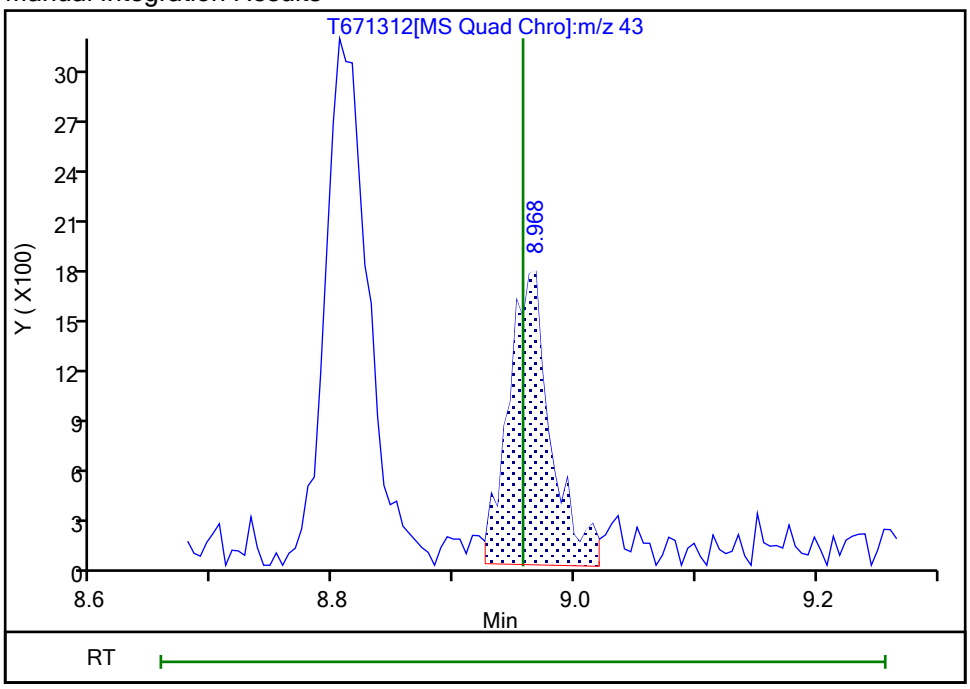
Not Detected
Expected RT: 8.96

Processing Integration Results



Manual Integration Results

RT: 8.97
Area: 4240
Amount: 1.084377
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

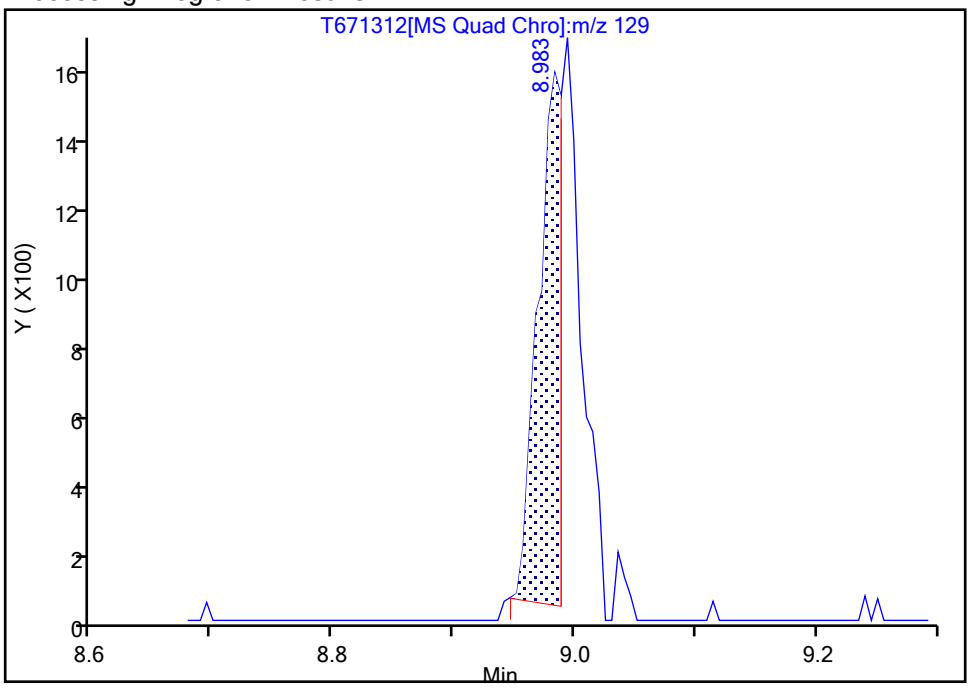
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

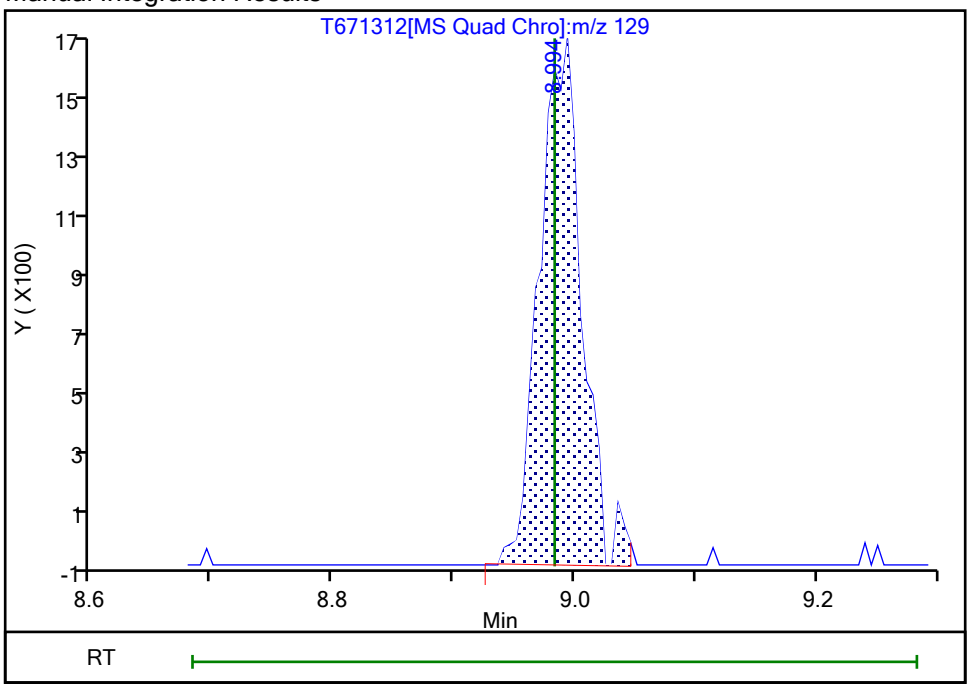
Processing Integration Results

RT: 8.98
Area: 2062
Amount: 0.490324
Amount Units: ug/l



Manual Integration Results

RT: 8.99
Area: 3972
Amount: 0.911296
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:29:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

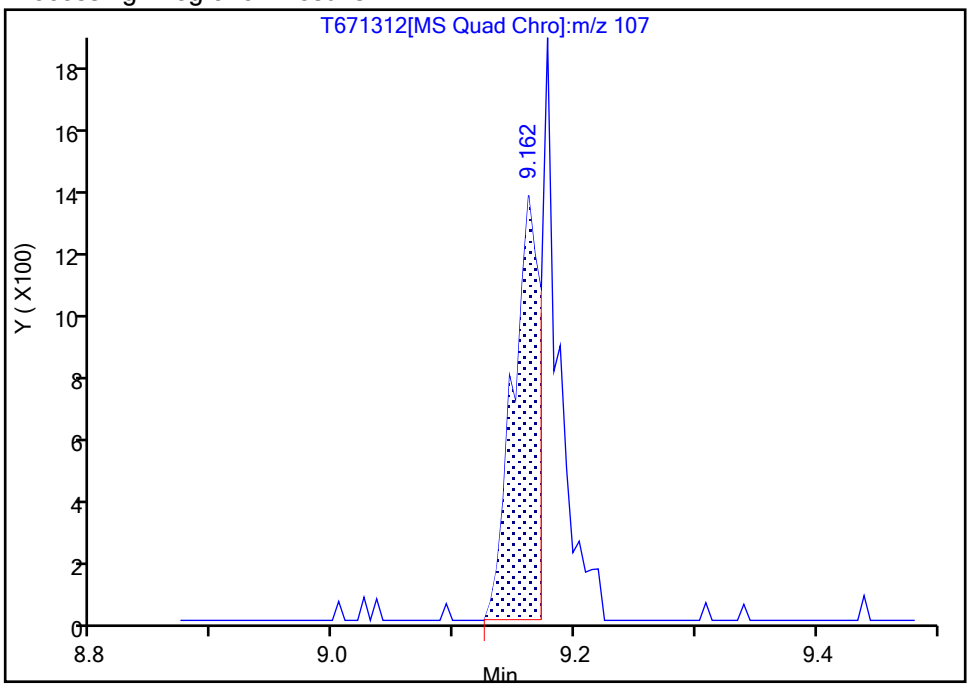
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

92 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

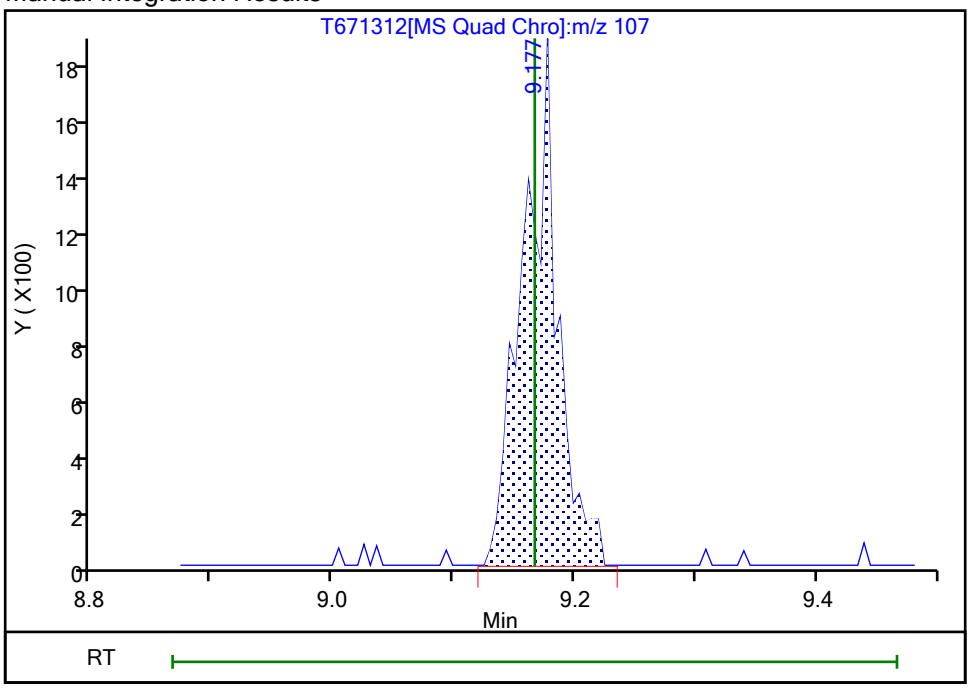
Processing Integration Results

RT: 9.16
Area: 2067
Amount: 0.590996
Amount Units: ug/l



Manual Integration Results

RT: 9.18
Area: 3589
Amount: 0.985964
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

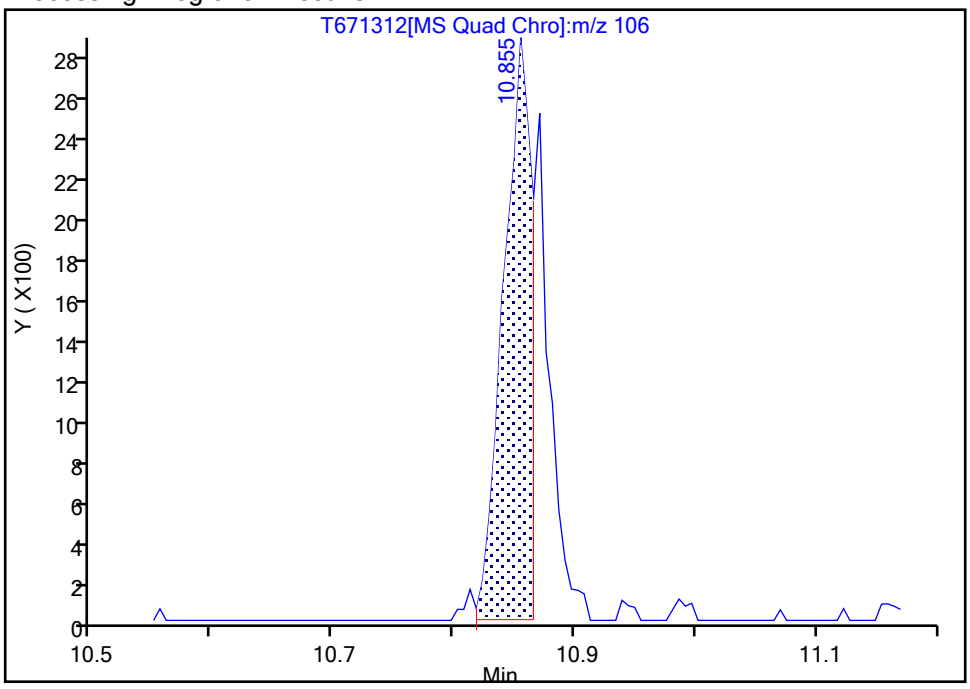
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

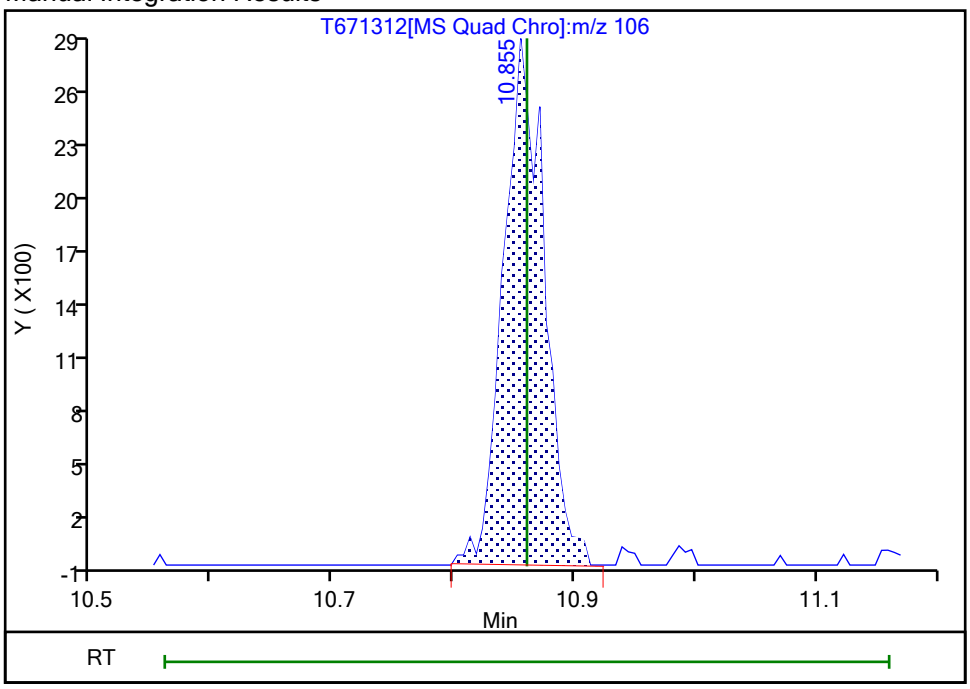
Processing Integration Results

RT: 10.86
Area: 4683
Amount: 0.676747
Amount Units: ug/l



Manual Integration Results

RT: 10.86
Area: 6703
Amount: 0.963265
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:29:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

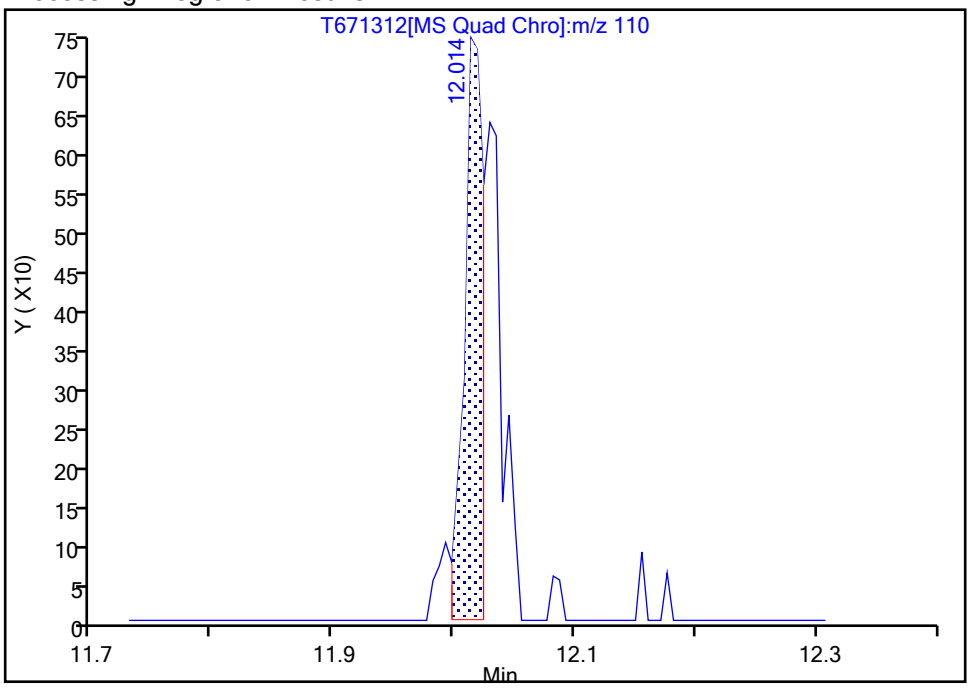
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

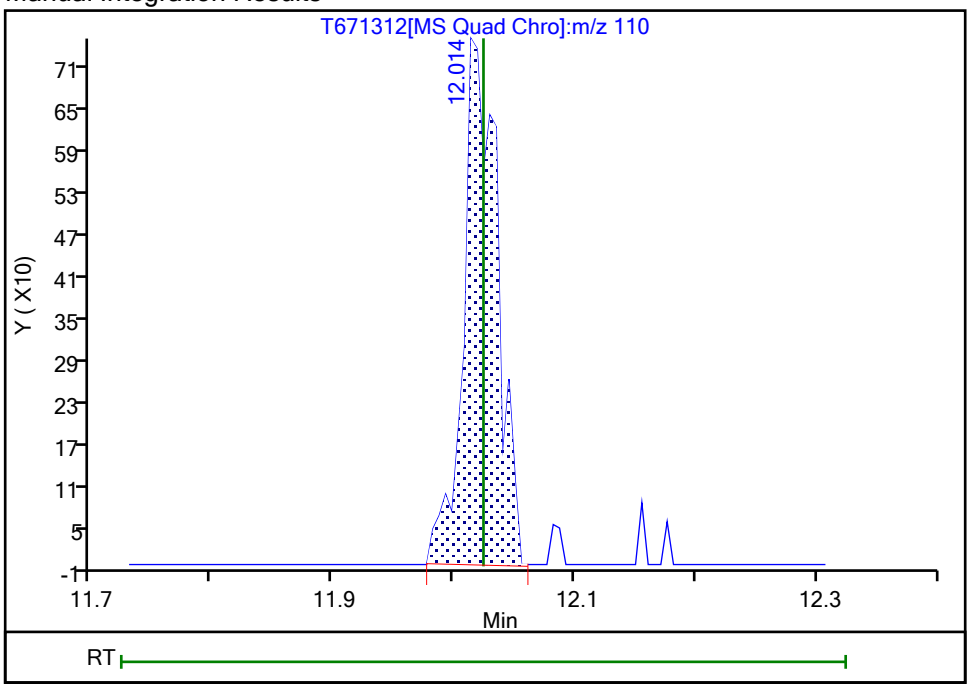
Processing Integration Results

RT: 12.01
Area: 824
Amount: 0.698894
Amount Units: ug/l



Manual Integration Results

RT: 12.01
Area: 1459
Amount: 1.099953
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 27-Oct-2023 13:17:34 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0167990-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:05 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: PUV6 Date: 27-Oct-2023 15:34:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	46	2001	5.00	10.1	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	91	7418	5.00	8.02	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	9717	5.00	5.77	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	24526	5.00	5.18	
5 Chlorodifluoromethane	67	1.480	1.475	0.005	76	3986	5.00	5.97	
6 Chloromethane	50	1.627	1.632	-0.005	99	25769	5.00	5.58	
7 Vinyl chloride	62	1.722	1.721	0.001	98	32086	5.00	5.49	
8 Butadiene	54	1.748	1.748	0.000	91	29365	5.00	5.38	
9 Bromomethane	94	2.020	2.020	0.000	98	21416	5.00	5.87	
10 Chloroethane	64	2.110	2.109	0.001	100	14735	5.00	4.89	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	42952	5.00	5.40	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	95	34400	5.00	5.12	
13 Pentane	72	2.346	2.351	-0.005	95	4386	10.0	10.1	
14 Ethanol	46	2.513	2.513	0.000	97	3759	200.0	255.5	
15 Ethyl ether	59	2.555	2.555	0.000	92	15477	5.00	5.53	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	96	11665	5.00	4.59	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	83	20257	5.00	5.46	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	95	32028	5.00	5.48	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.733	0.001	96	17795	5.00	4.83	
19 Acrolein	56	2.739	2.733	0.006	96	10931	20.0	19.4	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	97	15750	5.00	4.94	
22 Acetone	43	2.870	2.870	0.000	89	24011	25.0	28.2	
23 Iodomethane	142	2.933	2.933	0.000	97	18820	5.00	4.41	
24 Carbon disulfide	76	2.964	2.964	0.000	99	35649	5.00	5.18	
25 Isopropyl alcohol	45	2.964	2.964	0.000	41	9656	50.0	57.7	a
27 3-Chloro-1-propene	76	3.116	3.116	0.000	82	11340	5.00	5.47	
28 Methyl acetate	43	3.132	3.132	0.000	97	22830	10.0	10.8	
29 Cyclopentene	67	3.137	3.132	0.005	97	26558	5.00	4.76	
26 Acetonitrile	41	3.190	3.190	0.000	99	20658	50.0	59.9	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	96	34939	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	3.253	3.252	0.001	50	23638	5.00	5.71	
32 2-Methyl-2-propanol	59	3.316	3.315	0.001	96	18495	50.0	61.6	
35 Methyl tert-butyl ether	73	3.431	3.431	0.000	94	53238	5.00	5.62	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	83	19778	5.00	5.27	
33 Acrylonitrile	53	3.541	3.536	0.005	92	66333	50.0	58.3	
36 Hexane	57	3.630	3.635	-0.005	87	14291	5.00	4.94	
40 Isopropyl ether	45	3.866	3.866	0.000	94	53577	5.00	5.47	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	33668	5.00	5.18	
38 Vinyl acetate	86	3.924	3.918	0.006	99	7849	10.0	11.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	85	16090	5.00	5.01	
41 Tert-butyl ethyl ether	59	4.223	4.222	0.001	90	50893	5.00	5.52	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	81	259849	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	52	8189	5.00	5.22	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	90	24793	5.00	5.33	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	11702	25.0	29.7	
47 Ethyl acetate	70	4.516	4.516	0.000	96	3830	10.0	11.4	
48 Methyl acrylate	55	4.574	4.574	0.000	99	15393	5.00	5.73	
46 Propionitrile	54	4.658	4.658	0.000	98	26117	50.0	57.0	
49 Chlorobromomethane	128	4.736	4.742	-0.006	73	14121	5.00	5.93	
51 Tetrahydrofuran	72	4.752	4.742	0.010	47	5182	10.0	11.7	
50 Methacrylonitrile	67	4.773	4.773	0.000	87	81008	50.0	54.0	
52 Chloroform	83	4.805	4.804	0.001	98	39702	5.00	5.45	
55 Cyclohexane	84	4.951	4.941	0.010	83	22265	5.00	4.89	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	71	31472	5.00	5.21	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	175220	50.0	49.5	
56 Carbon tetrachloride	117	5.103	5.098	0.005	89	27232	5.00	4.99	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	94	24011	5.00	5.06	
59 Isobutyl alcohol	43	5.297	5.292	0.005	93	21175	125.0	135.7	M
62 Isooctane	57	5.329	5.339	-0.010	97	36501	5.00	5.01	a
60 Benzene	78	5.366	5.365	0.001	93	77855	5.00	5.44	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.386	0.001	96	156719	50.0	50.4	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	83	53934	5.00	5.58	
63 Isopropyl acetate	61	5.449	5.455	-0.006	85	9947	5.00	5.77	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	92	23510	5.00	5.40	
66 n-Heptane	43	5.554	5.554	0.000	84	12012	5.00	5.10	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	576577	50.0	50.0	
68 n-Butanol	56	6.073	6.079	-0.005	83	9928	125.0	135.2	
67 Trichloroethene	95	6.115	6.120	-0.005	92	21138	5.00	5.17	
70 Methylcyclohexane	83	6.262	6.262	0.000	87	23508	5.00	4.81	
69 Ethyl acrylate	55	6.273	6.273	0.001	95	35315	5.00	5.19	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	20906	5.00	5.42	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	31010	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.566	-0.005	82	10473	10.0	11.1	
74 1,4-Dioxane	88	6.608	6.603	0.005	40	4639	100.0	107.4	
72 Dibromomethane	93	6.608	6.608	0.000	92	15586	5.00	5.78	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	20664	5.00	5.54	
77 Dichlorobromomethane	83	6.792	6.792	0.000	93	29876	5.00	5.48	
78 2-Nitropropane	41	7.206	7.201	0.005	88	8474	10.0	12.2	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	81	2619	5.01	5.47	
80 Epichlorohydrin	57	7.326	7.326	0.000	97	33715	100.0	119.8	
81 cis-1,3-Dichloropropene	75	7.389	7.395	-0.006	83	35681	5.00	5.59	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	68286	25.0	28.6	

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	7.683	7.683	0.000	99	604831	50.0	50.9	
84 Toluene	91	7.772	7.777	-0.005	93	88113	5.00	5.39	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	91	31857	5.00	5.76	
86 Ethyl methacrylate	69	8.260	8.254	0.006	84	22143	5.00	5.60	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	93	18176	5.00	6.00	
88 Tetrachloroethene	166	8.501	8.506	-0.005	92	24947	5.00	5.33	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	86	32621	5.00	5.85	
90 2-Hexanone	43	8.805	8.810	-0.005	94	48378	25.0	29.0	
93 n-Butyl acetate	43	8.952	8.957	-0.005	97	22608	5.00	5.65	
91 Chlorodibromomethane	129	8.983	8.983	0.000	94	24855	5.00	5.57	
92 Ethylene Dibromide	107	9.167	9.167	0.000	92	21855	5.00	5.87	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	475610	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	63859	5.00	5.69	
97 Ethylbenzene	106	10.016	10.021	-0.005	97	32570	5.00	5.42	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.037	-0.005	51	24695	5.00	5.51	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	90	38721	5.00	5.49	
99 o-Xylene	106	10.855	10.860	-0.005	95	39047	5.00	5.48	
101 n-Butyl acrylate	73	10.876	10.871	0.005	87	14420	5.00	5.47	
100 Styrene	104	10.908	10.907	0.001	96	65104	5.00	5.56	
102 Bromoform	173	11.227	11.222	0.005	94	17228	5.00	5.50	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	25305	5.00	5.62	
104 Isopropylbenzene	105	11.432	11.432	0.000	95	94039	5.00	5.44	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	95	221164	50.0	52.0	
106 Bromobenzene	156	11.883	11.877	0.006	85	28790	5.00	5.55	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	92	23495	5.00	5.59	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	110442	5.00	5.38	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	7541	5.00	5.66	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	90	4678	5.00	5.45	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	74236	5.00	5.50	
112 4-Ethyltoluene	105	12.150	12.155	-0.005	99	92369	5.00	5.41	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	75838	5.00	5.48	
113 4-Chlorotoluene	91	12.271	12.276	-0.005	96	74627	5.00	5.50	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	23550	5.00	5.27	
116 tert-Butylbenzene	119	12.601	12.601	0.000	94	63256	5.00	5.27	
117 1,2,4-Trimethylbenzene	105	12.674	12.680	-0.006	97	77749	5.00	5.36	
118 sec-Butylbenzene	105	12.847	12.847	0.000	98	88653	5.00	5.24	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	47530	5.00	5.23	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	93	75620	5.00	5.17	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	259259	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	93	50760	5.00	5.57	
123 1,2,3-Trimethylbenzene	105	13.131	13.130	0.001	96	78116	5.00	5.47	
124 Benzyl chloride	91	13.262	13.262	0.000	99	44028	5.00	5.52	
125 2,3-Dihydroindene	117	13.330	13.324	0.006	90	77900	5.00	5.51	
127 p-Diethylbenzene	119	13.408	13.408	0.000	92	44495	5.00	5.14	
128 n-Butylbenzene	92	13.435	13.429	0.006	97	35702	5.00	5.07	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	44316	5.00	5.53	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.142	0.001	97	60320	5.00	5.24	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	78	5182	5.00	5.62	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	96	27242	5.00	5.24	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	20208	5.00	5.05	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	75	10049	5.00	5.06	
134 Naphthalene	128	15.092	15.091	0.001	99	41252	5.00	5.23	

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	15.280	15.280	0.000	94	15573	5.00	5.42	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 137 Xylenes, Total	100				0		10.0	11.0	
S 140 Total BTEX	1				0		25.0	27.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	11.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

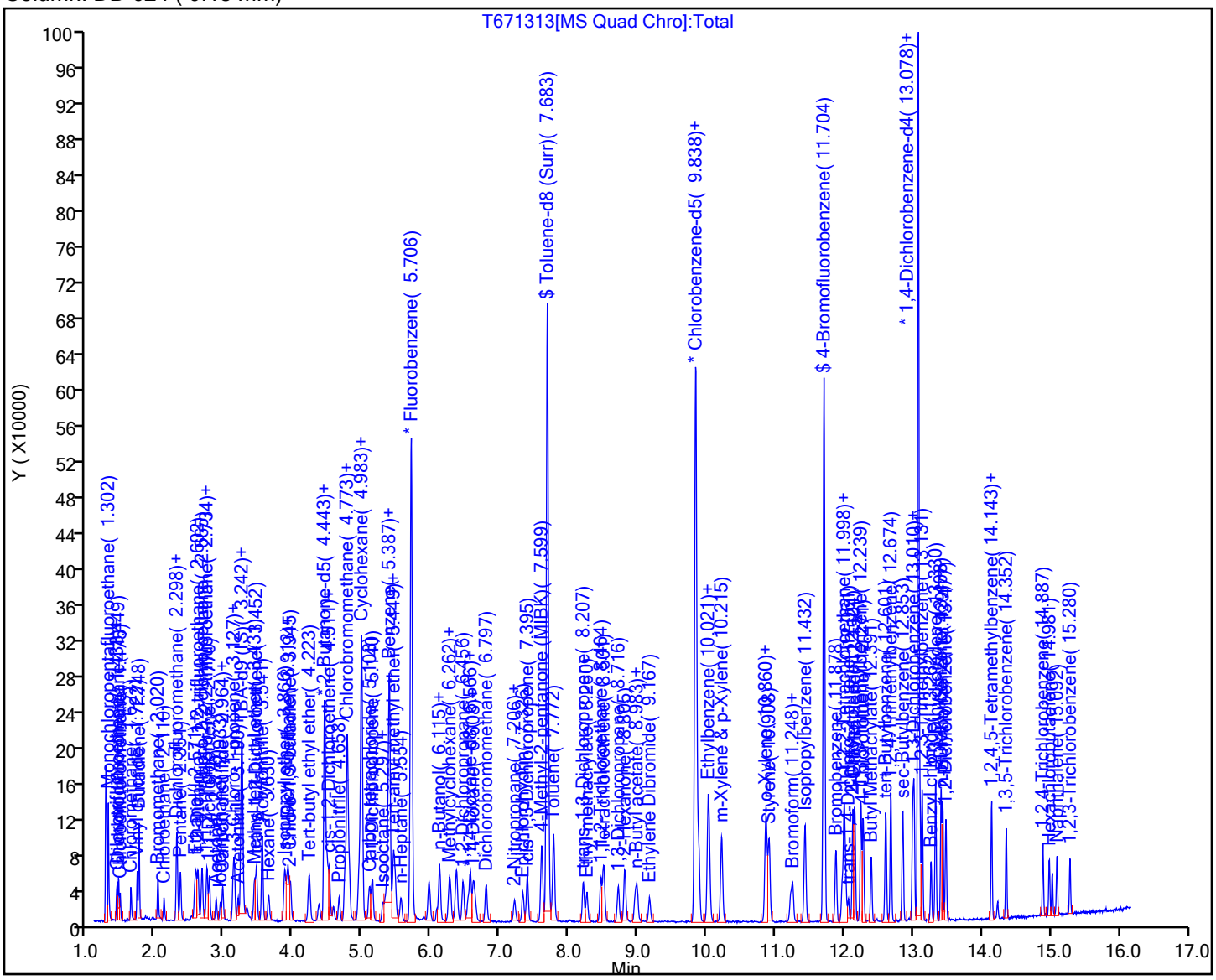
Reagents:

8260MIX1COMB_00177	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 10.00	Units: uL		
ACROLEIN W_00161	Amount Added: 4.00	Units: uL		
524FREONS_00009	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 10.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 28-Oct-2023 10:44:05 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

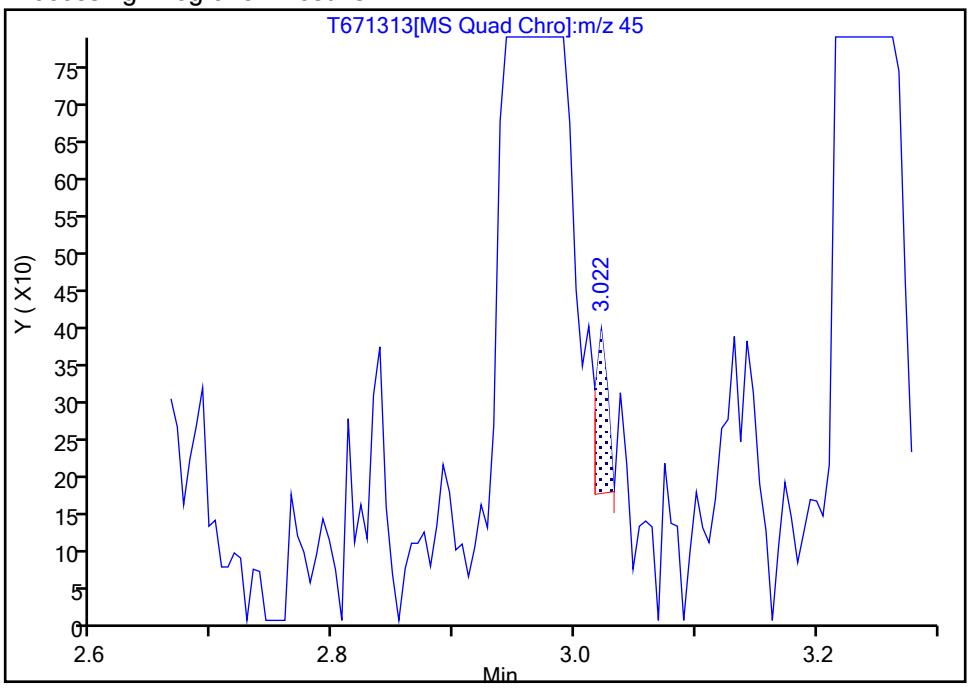
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

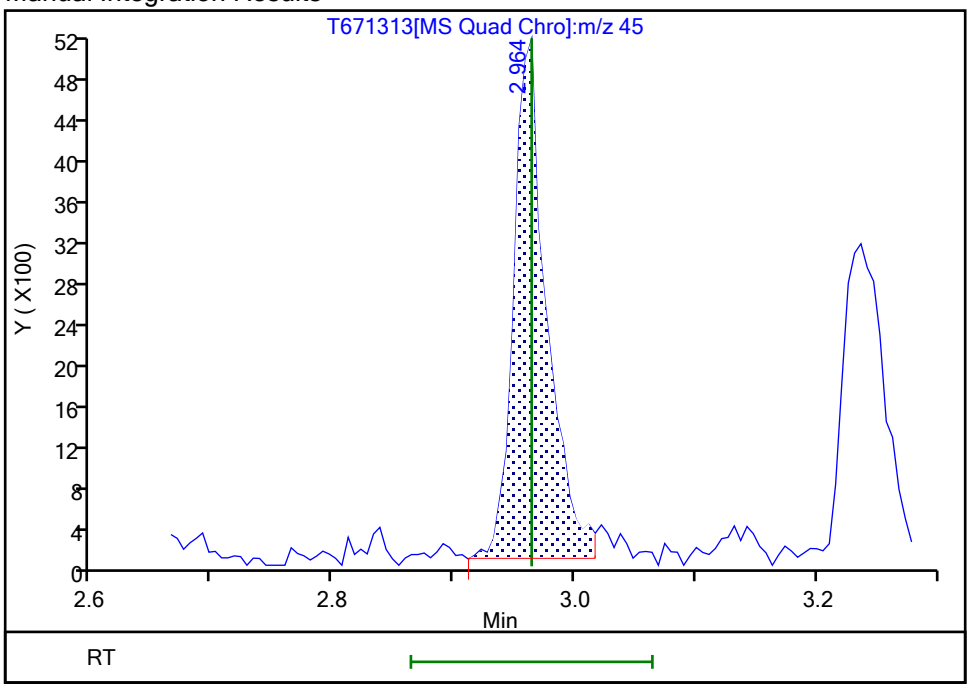
Processing Integration Results

RT: 3.02
Area: 158
Amount: 1.404660
Amount Units: ug/l



Manual Integration Results

RT: 2.96
Area: 9656
Amount: 57.744710
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:32:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

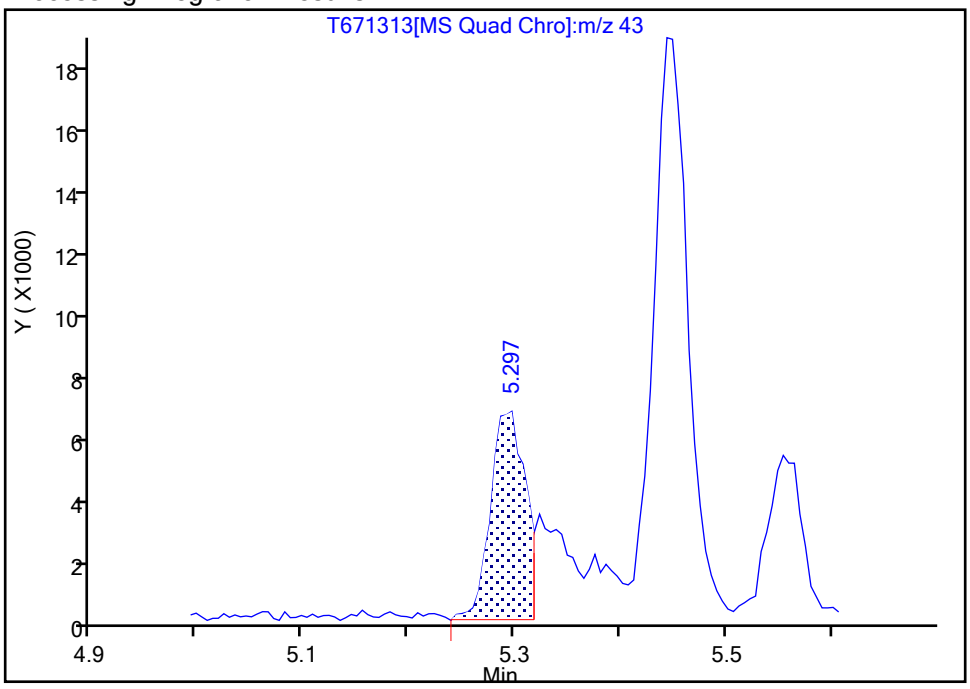
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

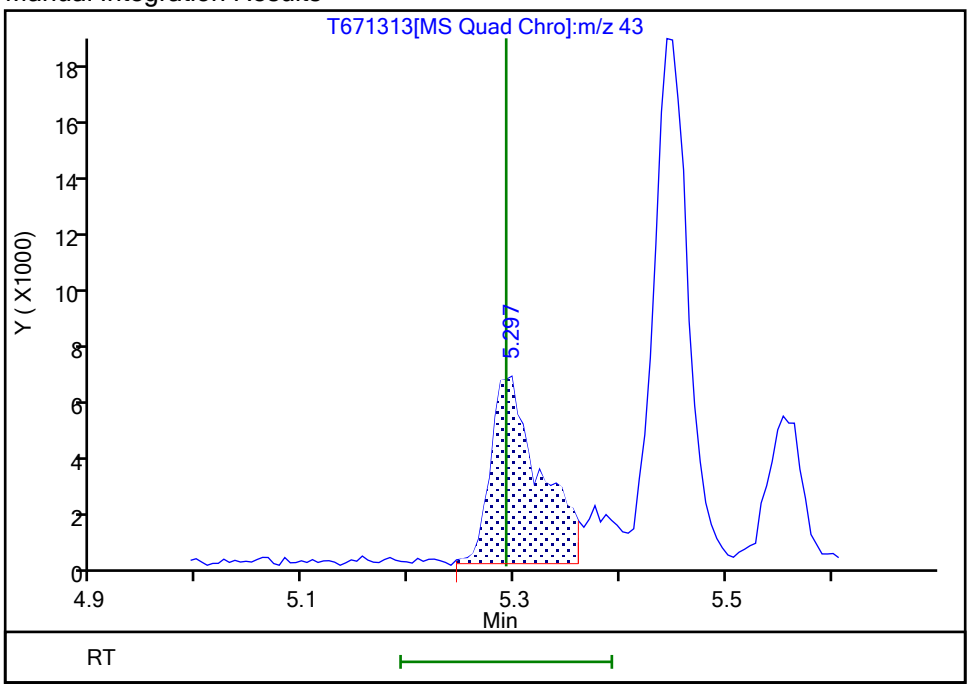
Processing Integration Results

RT: 5.30
Area: 15042
Amount: 107.2749
Amount Units: ug/l



Manual Integration Results

RT: 5.30
Area: 21175
Amount: 135.6598
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

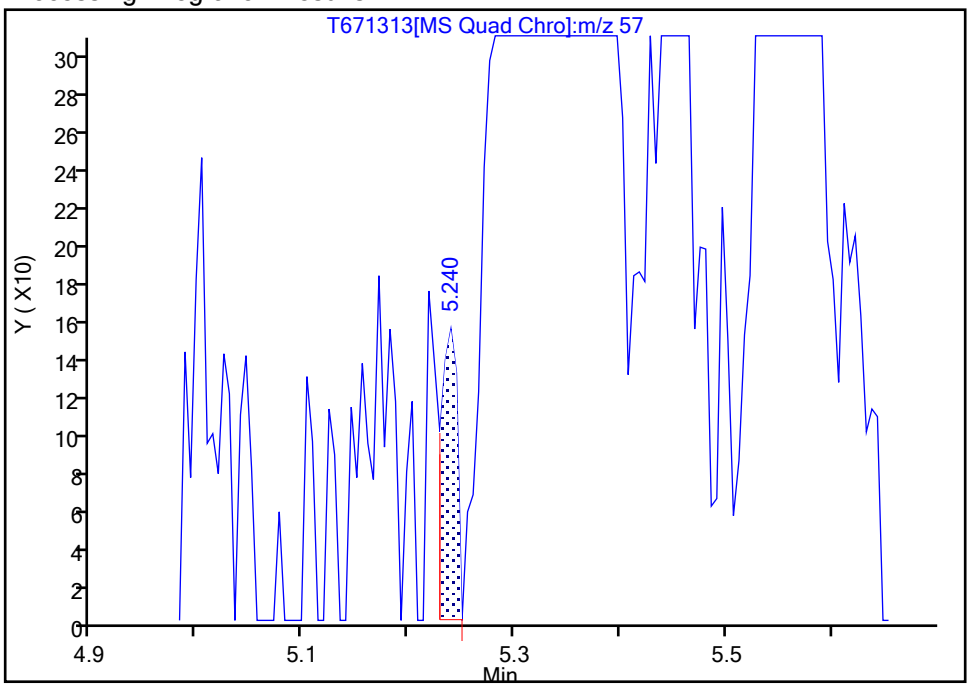
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

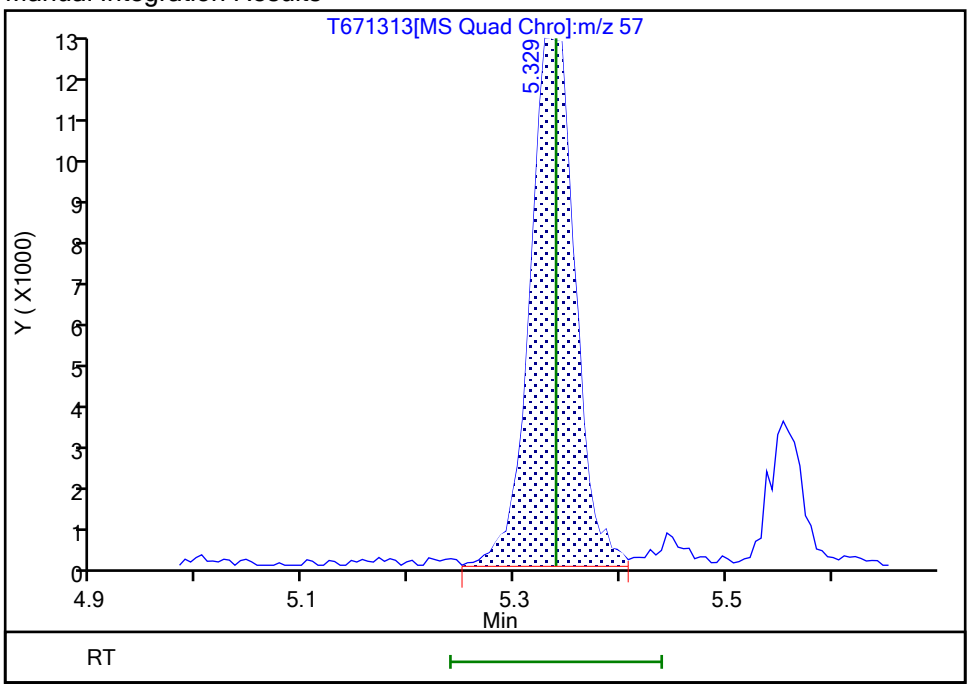
Processing Integration Results

RT: 5.24
Area: 163
Amount: 0.026747
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 36501
Amount: 5.008807
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:35:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 27-Oct-2023 13:40:15 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0167990-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:23 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:37:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	61	6427	20.0	31.4	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	92	27879	20.0	29.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	34768	20.0	19.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	92151	20.0	18.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	78	13873	20.0	20.0	
6 Chloromethane	50	1.632	1.632	0.000	99	88389	20.0	18.4	
7 Vinyl chloride	62	1.721	1.721	0.000	99	119730	20.0	19.7	
8 Butadiene	54	1.748	1.748	0.000	92	112959	20.0	20.6	
9 Bromomethane	94	2.020	2.020	0.000	98	74051	20.0	19.6	M
10 Chloroethane	64	2.109	2.109	0.000	96	59244	20.0	18.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	149714	20.0	18.1	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	94	132797	20.0	19.1	
13 Pentane	72	2.351	2.351	0.000	96	16927	40.0	37.7	
14 Ethanol	46	2.513	2.513	0.000	98	12975	800.0	784.0	
15 Ethyl ether	59	2.555	2.555	0.000	91	49942	20.0	17.2	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	93	49600	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	91	74024	20.0	19.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	88	114424	20.0	18.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	96	75754	20.0	19.8	
19 Acrolein	56	2.733	2.733	0.000	53	22194	40.0	37.9	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	97	60946	20.0	18.4	
22 Acetone	43	2.870	2.870	0.000	88	80825	100.0	88.6	
23 Iodomethane	142	2.933	2.933	0.000	98	92294	20.0	19.2	
24 Carbon disulfide	76	2.964	2.964	0.000	99	133056	20.0	18.6	
25 Isopropyl alcohol	45	2.964	2.964	0.000	37	34044	200.0	181.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	83	41773	20.0	19.4	
28 Methyl acetate	43	3.132	3.132	0.000	82	78103	40.0	35.6	
29 Cyclopentene	67	3.132	3.132	0.000	93	112602	20.0	19.4	
26 Acetonitrile	41	3.190	3.190	0.000	96	66720	200.0	180.3	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	97	39297	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	3.252	3.252	0.000	85	78573	20.0	18.3	
32 2-Methyl-2-propanol	59	3.315	3.315	0.000	98	59854	200.0	177.2	
35 Methyl tert-butyl ether	73	3.431	3.431	0.000	96	181448	20.0	18.5	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	77	71069	20.0	18.2	
33 Acrylonitrile	53	3.536	3.536	0.000	95	224201	200.0	189.1	
36 Hexane	57	3.635	3.635	0.000	89	59346	20.0	19.8	
40 Isopropyl ether	45	3.866	3.866	0.000	95	186980	20.0	18.4	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	94	123283	20.0	18.3	
38 Vinyl acetate	86	3.918	3.918	0.000	99	28953	40.0	40.6	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	62784	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.222	4.222	0.000	90	178591	20.0	18.7	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	89	278634	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	71	29210	20.0	17.9	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	89	88174	20.0	18.3	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	37645	100.0	89.2	
47 Ethyl acetate	70	4.516	4.516	0.000	96	12340	40.0	34.2	
48 Methyl acrylate	55	4.574	4.574	0.000	100	53486	20.0	19.2	
46 Propionitrile	54	4.658	4.658	0.000	98	90068	200.0	189.3	
49 Chlorobromomethane	128	4.742	4.742	0.000	75	46105	20.0	18.6	
51 Tetrahydrofuran	72	4.742	4.742	0.000	72	16693	40.0	37.9	
50 Methacrylonitrile	67	4.773	4.773	0.000	88	277597	200.0	178.4	
52 Chloroform	83	4.804	4.804	0.000	98	138381	20.0	18.3	
55 Cyclohexane	84	4.941	4.941	0.000	85	90169	20.0	19.1	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	116881	20.0	18.7	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	180807	50.0	49.2	
56 Carbon tetrachloride	117	5.098	5.098	0.000	97	109300	20.0	19.3	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	95	93975	20.0	19.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	96	80432	500.0	458.2	M
62 Isooctane	57	5.339	5.339	0.000	99	141957	20.0	18.8	
60 Benzene	78	5.365	5.365	0.000	96	282821	20.0	19.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.386	0.000	87	165003	50.0	51.2	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	81	182934	20.0	18.2	
63 Isopropyl acetate	61	5.455	5.455	0.000	83	32516	20.0	18.2	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	89	81215	20.0	18.0	
66 n-Heptane	43	5.554	5.554	0.000	88	48887	20.0	20.0	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	598469	50.0	50.0	
68 n-Butanol	56	6.079	6.079	0.000	85	36691	500.0	444.2	
67 Trichloroethene	95	6.120	6.120	0.000	95	78487	20.0	18.5	
70 Methylcyclohexane	83	6.262	6.262	0.000	87	97675	20.0	19.3	
69 Ethyl acrylate	55	6.273	6.273	0.000	96	132232	20.0	18.7	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	73303	20.0	18.3	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	31781	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	79	36622	40.0	37.3	
74 1,4-Dioxane	88	6.603	6.603	0.000	41	16326	400.0	369.0	
72 Dibromomethane	93	6.608	6.608	0.000	91	51281	20.0	18.3	
76 n-Propyl acetate	43	6.634	6.634	0.000	95	71795	20.0	18.5	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	103043	20.0	18.2	
78 2-Nitropropane	41	7.201	7.201	0.000	87	26636	40.0	36.8	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	79	9833	20.0	19.8	
80 Epichlorohydrin	57	7.326	7.326	0.000	99	116278	400.0	385.3	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	87	124410	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	241556	100.0	94.2	

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	7.683	7.683	0.000	98	623694	50.0	51.1	
84 Toluene	91	7.777	7.777	0.000	93	317525	20.0	18.9	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	108045	20.0	19.0	
86 Ethyl methacrylate	69	8.254	8.254	0.000	86	77238	20.0	19.0	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	94	60321	20.0	19.4	
88 Tetrachloroethene	166	8.506	8.506	0.000	97	93403	20.0	19.4	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	87	109563	20.0	19.1	
90 2-Hexanone	43	8.810	8.810	0.000	93	165084	100.0	92.2	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	76821	20.0	18.7	
91 Chlorodibromomethane	129	8.983	8.983	0.000	95	88192	20.0	19.2	
92 Ethylene Dibromide	107	9.167	9.167	0.000	97	74293	20.0	19.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	84	488492	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	220861	20.0	19.2	
97 Ethylbenzene	106	10.021	10.021	0.000	97	115422	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.037	0.000	60	86396	20.0	18.8	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	91	137465	20.0	19.0	
99 o-Xylene	106	10.860	10.860	0.000	95	136302	20.0	18.6	
101 n-Butyl acrylate	73	10.871	10.871	0.000	71	50550	20.0	18.7	
100 Styrene	104	10.907	10.907	0.000	97	231888	20.0	19.3	
102 Bromoform	173	11.222	11.222	0.000	95	59685	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	88449	20.0	19.0	
104 Isopropylbenzene	105	11.432	11.432	0.000	95	343726	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	224953	50.0	51.5	
106 Bromobenzene	156	11.877	11.877	0.000	87	100417	20.0	18.8	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	96	81909	20.0	18.9	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	406397	20.0	19.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	25618	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	95	16333	20.0	18.4	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	260828	20.0	18.7	
112 4-Ethyltoluene	105	12.155	12.155	0.000	99	338525	20.0	19.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	269045	20.0	18.9	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	263651	20.0	18.8	
115 Butyl Methacrylate	87	12.391	12.391	0.000	85	84387	20.0	18.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	233157	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	97	279110	20.0	18.7	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	334838	20.0	19.2	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	170823	20.0	18.2	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	281697	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	267442	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	173252	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.130	13.130	0.000	98	279449	20.0	19.0	
124 Benzyl chloride	91	13.262	13.262	0.000	99	158036	20.0	19.2	
125 2,3-Dihydroindene	117	13.324	13.324	0.000	90	271383	20.0	18.6	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	164936	20.0	18.5	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	133411	20.0	18.4	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	153421	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.142	0.000	97	216526	20.0	18.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	86	17187	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	97271	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	90	74111	20.0	18.0	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	80	36434	20.0	17.8	
134 Naphthalene	128	15.091	15.091	0.000	99	151122	20.0	18.6	

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	15.280	15.280	0.000	94	53838	20.0	18.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.5	
S 137 Xylenes, Total	100				0		40.0	37.6	
S 140 Total BTEX	1				0		100.0	94.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

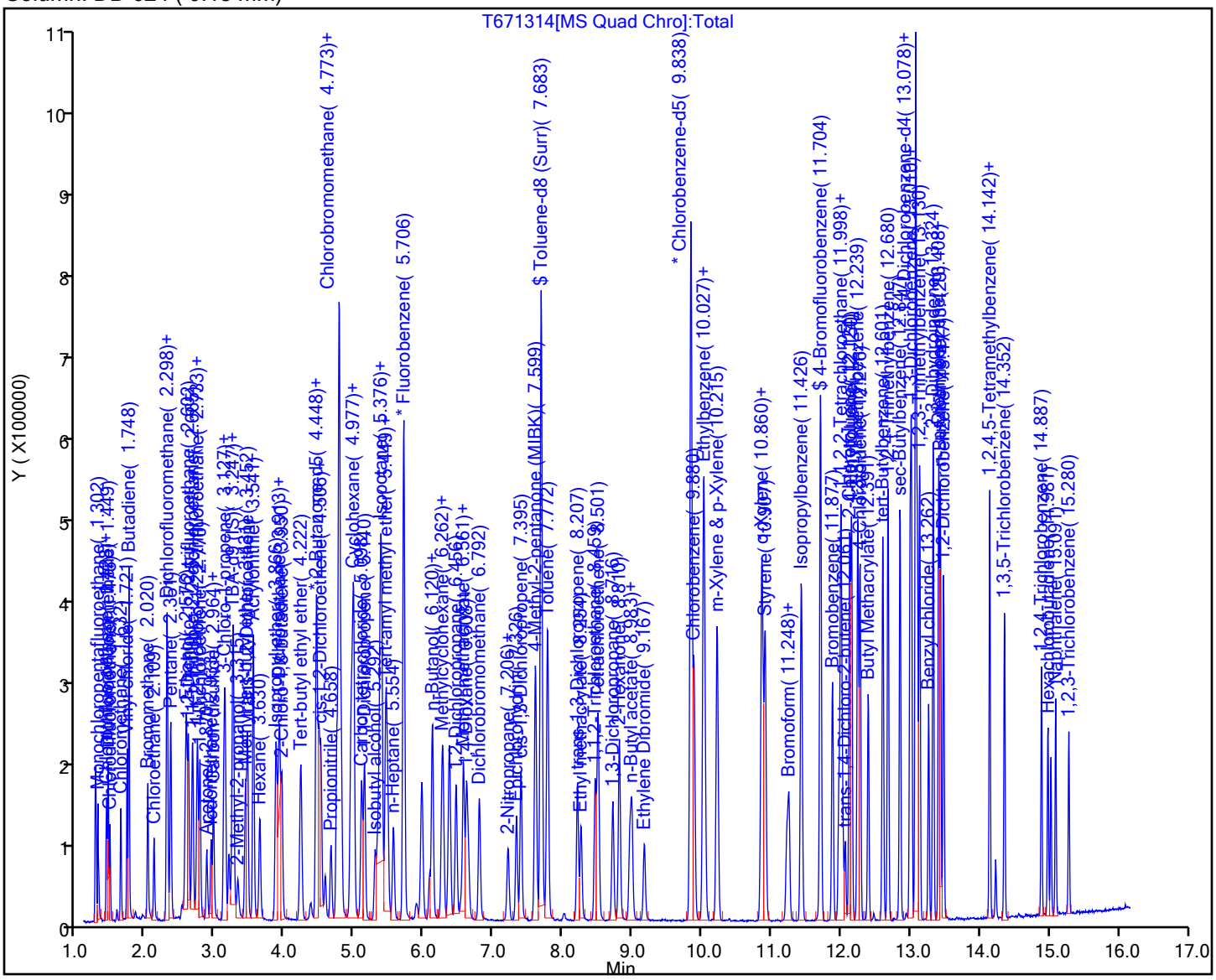
Reagents:

8260MIX1COMB_00177	Amount Added:	20.00	Units: uL	
GASES Li_00554	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00009	Amount Added:	20.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	20.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:44:23 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

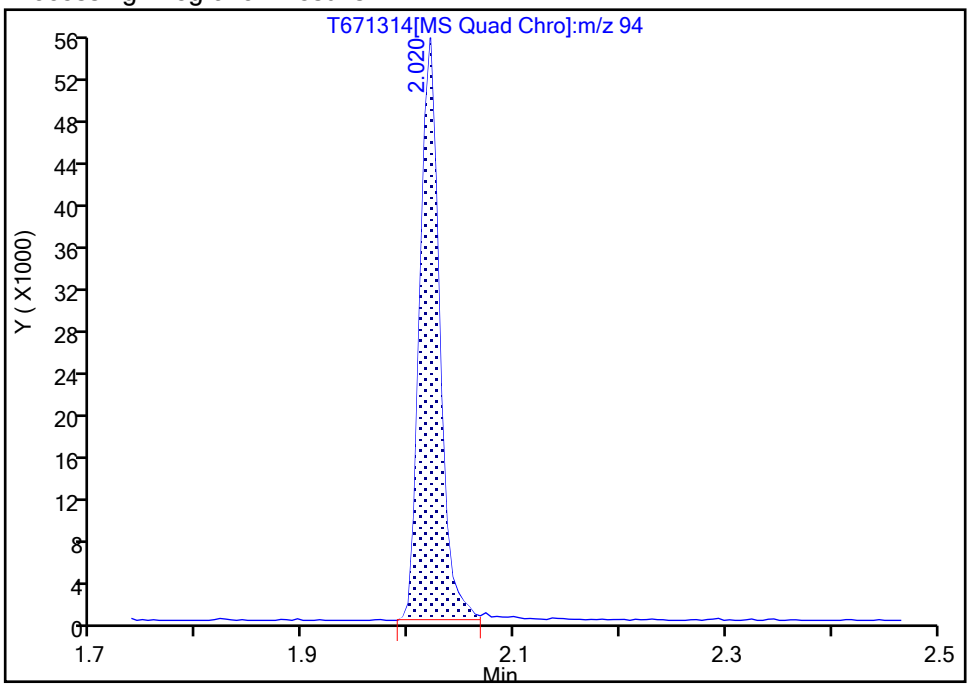
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Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

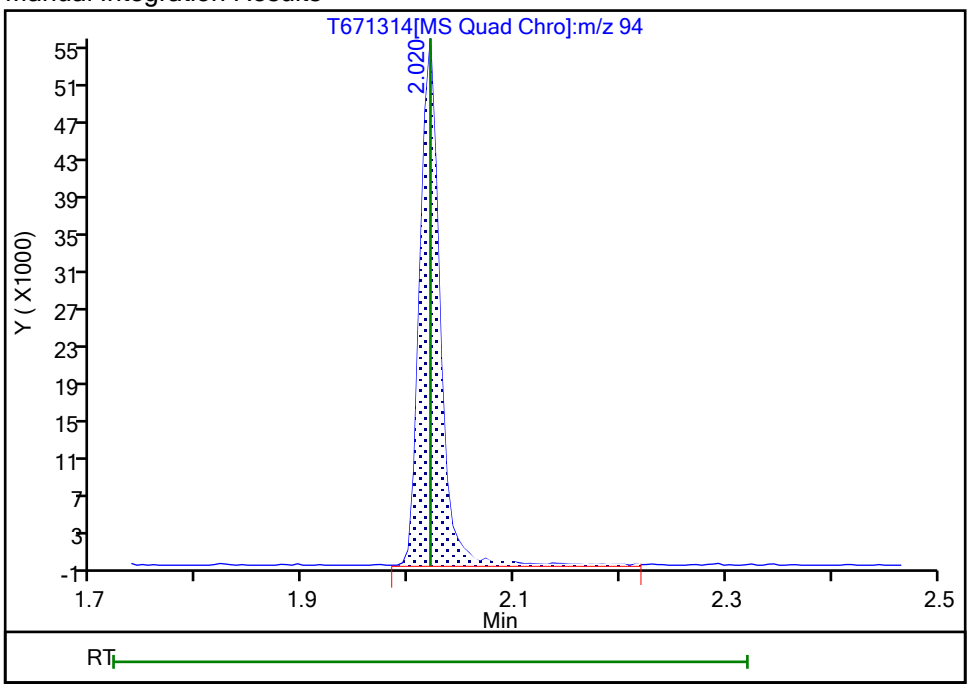
Processing Integration Results

RT: 2.02
Area: 72411
Amount: 26.534786
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 74051
Amount: 19.556465
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:45:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

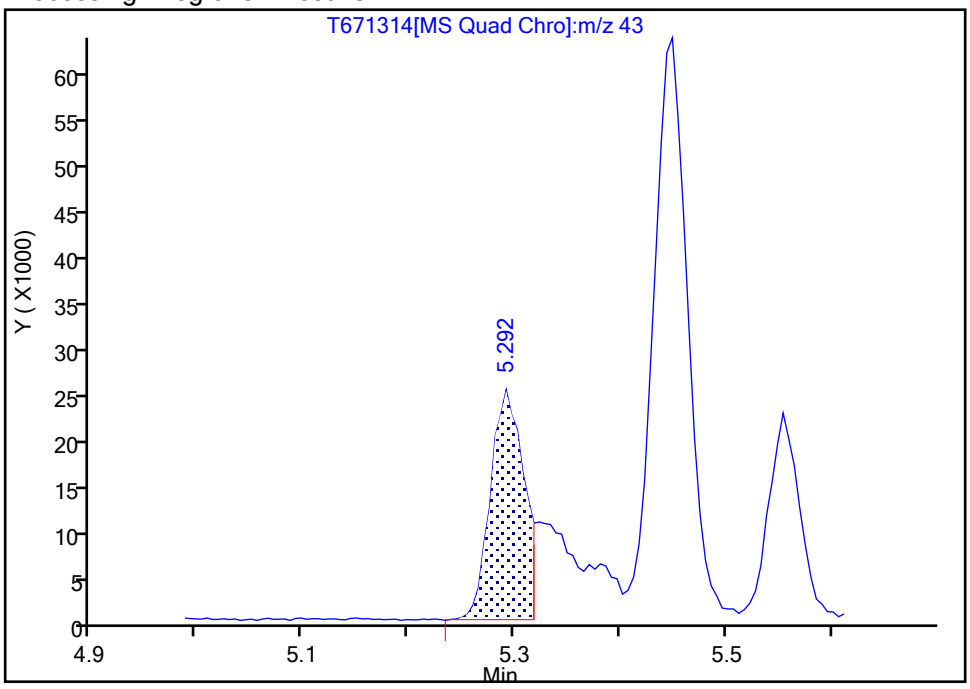
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Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

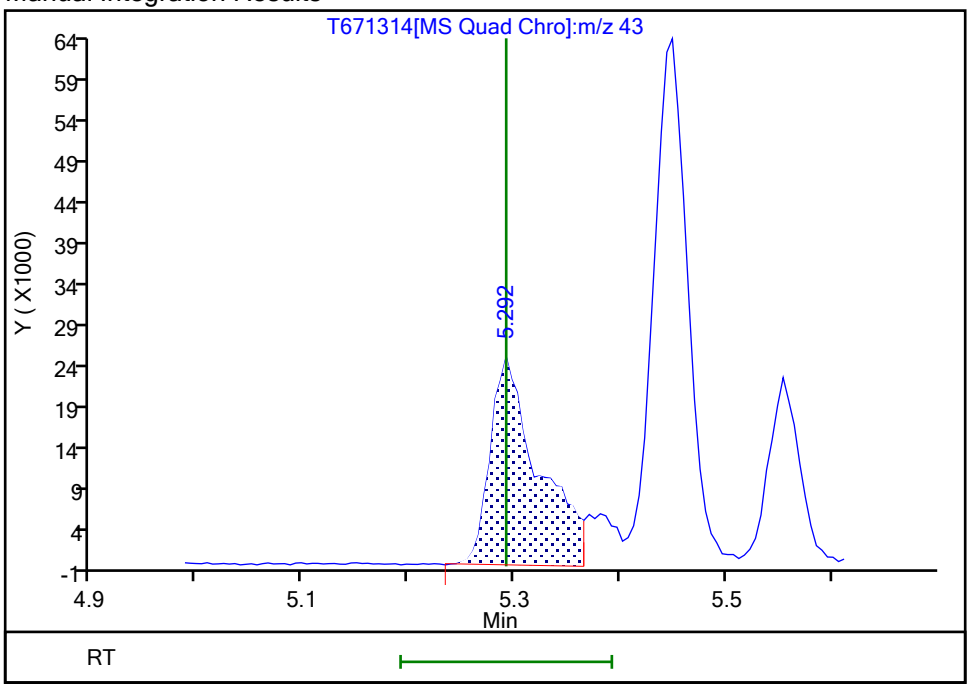
Processing Integration Results

RT: 5.29
Area: 56204
Amount: 374.9578
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 80432
Amount: 458.1502
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

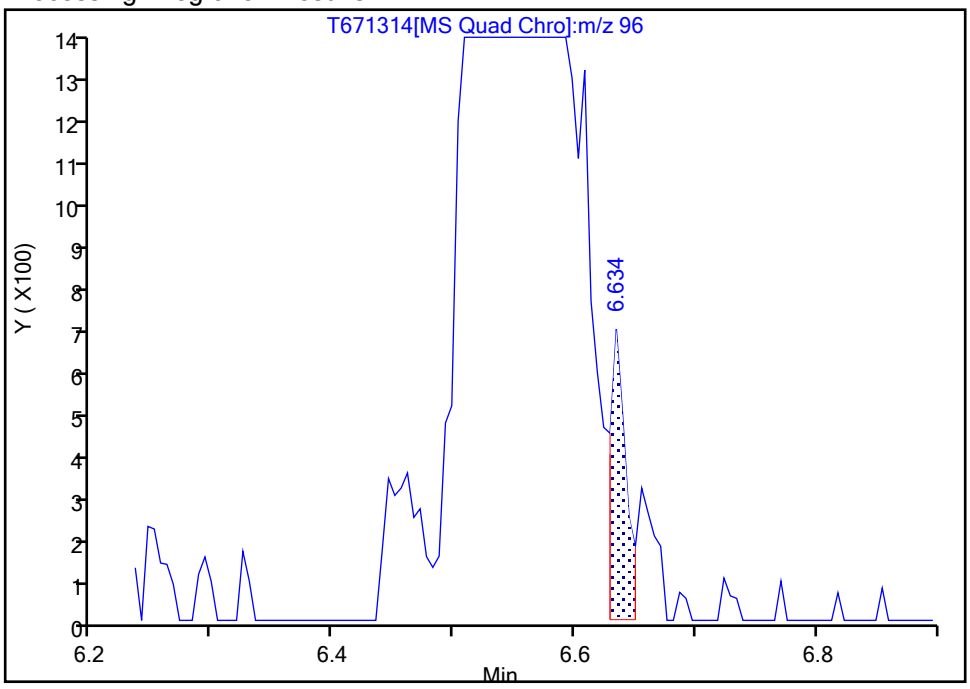
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Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

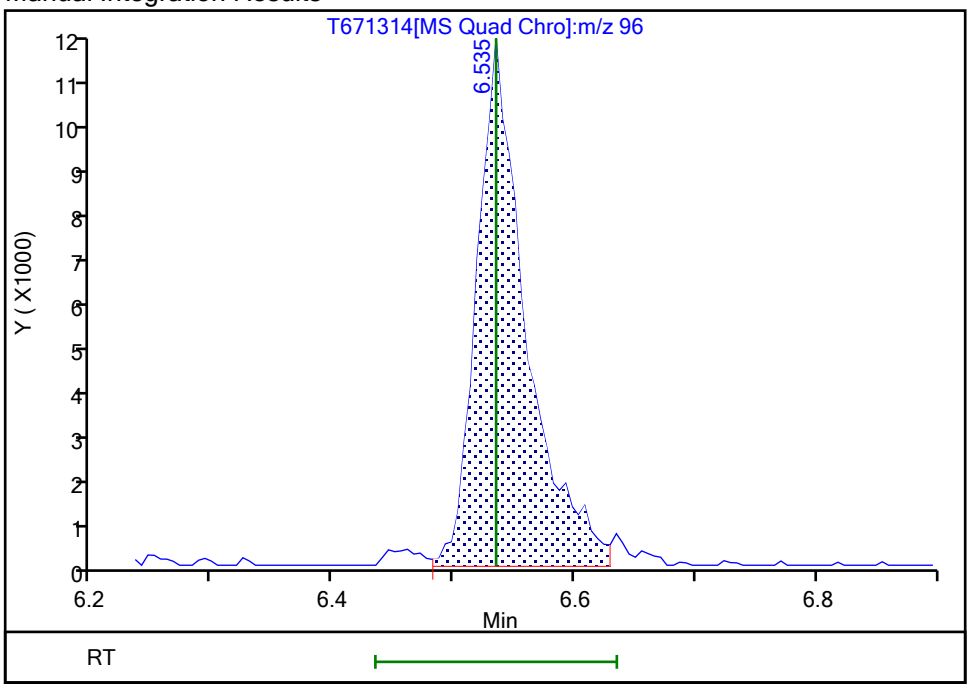
Processing Integration Results

RT: 6.63
Area: 628
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 31781
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:45:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671315.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Oct-2023 14:02:59 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0167990-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:41 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:38:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	88	15335	50.0	72.4	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	93	71932	50.0	71.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	92846	50.0	50.6	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	254309	50.0	49.3	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	33380	50.0	45.8	
6 Chloromethane	50	1.632	1.632	0.000	99	248355	50.0	49.4	
7 Vinyl chloride	62	1.722	1.722	0.000	99	321283	50.0	50.5	
8 Butadiene	54	1.748	1.748	0.000	92	303698	50.0	53.3	
9 Bromomethane	94	2.010	2.010	0.000	97	140452	50.0	35.3	M
10 Chloroethane	64	2.104	2.104	0.000	99	188913	50.0	55.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	430774	50.0	49.7	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	98	377789	50.0	51.6	
13 Pentane	72	2.351	2.351	0.000	95	46180	100.0	97.9	
14 Ethanol	46	2.513	2.513	0.000	100	32415	2000.0	1902.8	
15 Ethyl ether	59	2.555	2.555	0.000	91	132990	50.0	43.6	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	139618	50.0	50.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	83	200278	50.0	49.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	96	313914	50.0	49.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	97	204296	50.0	50.9	
19 Acrolein	56	2.734	2.734	0.000	52	57455	100.0	93.6	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	95	169123	50.0	48.7	
22 Acetone	43	2.870	2.870	0.000	88	216091	250.0	224.3	
23 Iodomethane	142	2.933	2.933	0.000	99	274312	50.0	53.6	
24 Carbon disulfide	76	2.964	2.964	0.000	99	370096	50.0	49.3	
25 Isopropyl alcohol	45	2.964	2.964	0.000	36	90119	500.0	465.5	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	85	113849	50.0	50.4	
28 Methyl acetate	43	3.127	3.127	0.000	89	218530	100.0	94.9	
29 Cyclopentene	67	3.132	3.132	0.000	93	304979	50.0	50.1	
26 Acetonitrile	41	3.190	3.190	0.000	99	177923	500.0	455.2	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	93	40451	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	3.253	3.253	0.000	85	213402	50.0	47.3	
32 2-Methyl-2-propanol	59	3.321	3.321	0.000	98	156280	500.0	449.6	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	507494	50.0	49.2	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	90	193046	50.0	47.2	
33 Acrylonitrile	53	3.541	3.541	0.000	94	606324	500.0	482.6	
36 Hexane	57	3.630	3.630	0.000	89	164649	50.0	52.2	
40 Isopropyl ether	45	3.866	3.866	0.000	95	516041	50.0	48.4	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	340767	50.0	48.2	
38 Vinyl acetate	86	3.918	3.918	0.000	99	74464	100.0	98.9	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	175383	50.0	50.1	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	90	497429	50.0	49.5	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	78	294353	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	89	79591	50.0	46.5	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	93	242658	50.0	47.9	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	100542	250.0	225.5	
47 Ethyl acetate	70	4.516	4.516	0.000	96	33985	100.0	89.3	
48 Methyl acrylate	55	4.574	4.574	0.000	99	142783	50.0	48.7	
46 Propionitrile	54	4.658	4.658	0.000	98	238164	500.0	476.9	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	122930	50.0	47.3	
51 Tetrahydrofuran	72	4.742	4.742	0.000	74	43483	100.0	95.4	
50 Methacrylonitrile	67	4.773	4.773	0.000	87	779196	500.0	477.0	
52 Chloroform	83	4.805	4.805	0.000	100	379796	50.0	47.9	
55 Cyclohexane	84	4.946	4.946	0.000	87	252284	50.0	50.8	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	93	328471	50.0	49.9	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	191220	50.0	49.6	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	296539	50.0	49.9	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	258380	50.0	49.9	
59 Isobutyl alcohol	43	5.292	5.292	0.000	96	208737	1250.0	1155.1	
62 Isooctane	57	5.334	5.334	0.000	99	401017	50.0	50.5	
60 Benzene	78	5.366	5.366	0.000	95	774476	50.0	49.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	74	166148	50.0	49.1	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	83	520795	50.0	49.5	
63 Isopropyl acetate	61	5.449	5.449	0.000	83	87225	50.0	46.4	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	217888	50.0	45.9	
66 n-Heptane	43	5.554	5.554	0.000	87	129536	50.0	50.5	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	628301	50.0	50.0	
68 n-Butanol	56	6.079	6.079	0.000	84	99517	1250.0	1170.4	
67 Trichloroethene	95	6.115	6.115	0.000	95	219529	50.0	49.2	
70 Methylcyclohexane	83	6.262	6.262	0.000	88	269339	50.0	50.6	
69 Ethyl acrylate	55	6.273	6.273	0.000	97	367335	50.0	49.6	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	206040	50.0	49.1	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35260	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	81	95211	100.0	92.4	
74 1,4-Dioxane	88	6.598	6.598	0.000	43	42731	1000.0	870.4	
72 Dibromomethane	93	6.608	6.608	0.000	93	139008	50.0	47.3	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	201265	50.0	49.5	
77 Dichlorobromomethane	83	6.792	6.792	0.000	95	286808	50.0	48.3	
78 2-Nitropropane	41	7.201	7.201	0.000	87	71160	100.0	93.7	
79 2-Chloroethyl vinyl ether	106	7.216	7.216	0.000	85	25599	50.1	49.1	
80 Epichlorohydrin	57	7.326	7.326	0.000	99	312893	1000.0	982.3	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	89	347641	50.0	49.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	669299	250.0	247.1	

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	7.683	7.683	0.000	98	665659	50.0	51.1	
84 Toluene	91	7.772	7.772	0.000	92	875850	50.0	48.8	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	93	300844	50.0	49.6	
86 Ethyl methacrylate	69	8.255	8.255	0.000	86	213164	50.0	49.2	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	98	163003	50.0	49.0	
88 Tetrachloroethene	166	8.501	8.501	0.000	92	256794	50.0	50.1	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	300204	50.0	49.1	
90 2-Hexanone	43	8.805	8.805	0.000	94	450967	250.0	238.4	
93 n-Butyl acetate	43	8.957	8.957	0.000	97	211419	50.0	48.2	
91 Chlorodibromomethane	129	8.989	8.989	0.000	96	247392	50.0	50.6	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	199632	50.0	48.8	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	521667	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	607441	50.0	49.3	
97 Ethylbenzene	106	10.021	10.021	0.000	97	318108	50.0	48.2	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	50	240121	50.0	48.9	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	91	383359	50.0	49.6	
99 o-Xylene	106	10.855	10.855	0.000	95	380789	50.0	48.7	
101 n-Butyl acrylate	73	10.871	10.871	0.000	71	139493	50.0	48.2	
100 Styrene	104	10.908	10.908	0.000	96	641497	50.0	49.9	
102 Bromoform	173	11.222	11.222	0.000	97	167335	50.0	48.7	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	241680	50.0	48.9	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	955961	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	236557	50.0	50.7	
106 Bromobenzene	156	11.877	11.877	0.000	87	278309	50.0	49.0	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	220591	50.0	47.9	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	1131607	50.0	50.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	67413	50.0	46.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	44218	50.0	47.0	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	724043	50.0	48.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	99	935358	50.0	50.0	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	752537	50.0	49.6	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	731650	50.0	49.2	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	246125	50.0	50.2	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	646586	50.0	49.1	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	779621	50.0	49.0	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	934612	50.0	50.4	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	482089	50.0	48.4	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	800168	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	93	284267	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	487475	50.0	48.8	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	777528	50.0	49.7	
124 Benzyl chloride	91	13.262	13.262	0.000	99	444006	50.0	50.8	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	772349	50.0	49.8	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	467373	50.0	49.2	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	382596	50.0	49.6	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	422874	50.0	48.2	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	626155	50.0	49.6	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	87	48969	50.0	48.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	283855	50.0	49.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	215884	50.0	49.2	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	104787	50.0	48.1	
134 Naphthalene	128	15.092	15.092	0.000	99	436947	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	154223	50.0	49.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	95.1	
S 137 Xylenes, Total	100				0		100.0	98.3	
S 140 Total BTEX	1				0		250.0	244.7	
S 139 1,3-Dichloropropene, Total	1				0		100.0	99.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00177	Amount Added:	50.00	Units: uL	
GASES Li_00554	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	10.00	Units: uL	
524FREONS_00009	Amount Added:	50.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	50.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:44:41 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671315.D

Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15

Lims ID: STD50

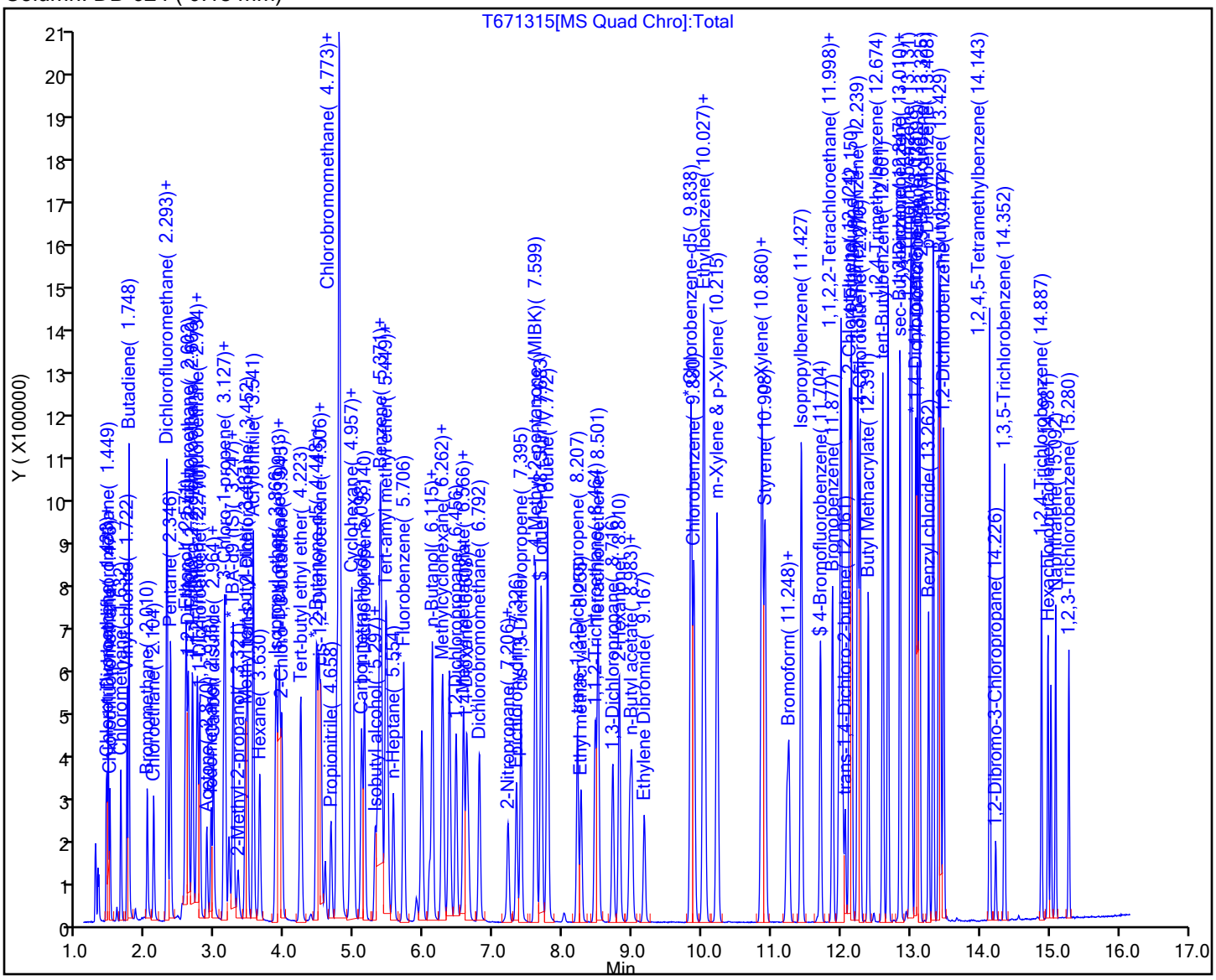
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

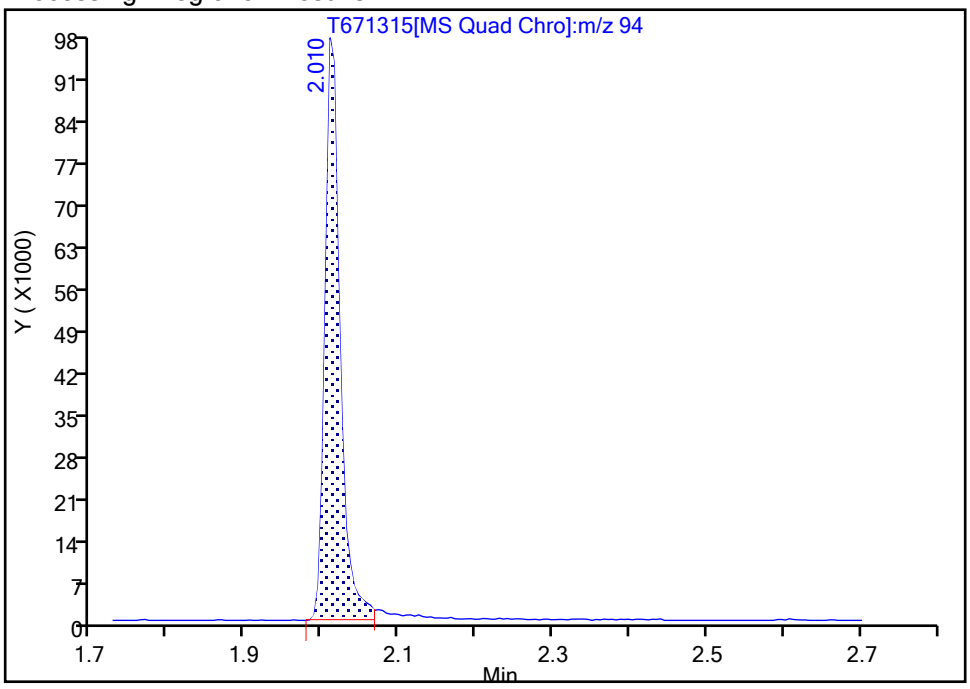
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Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

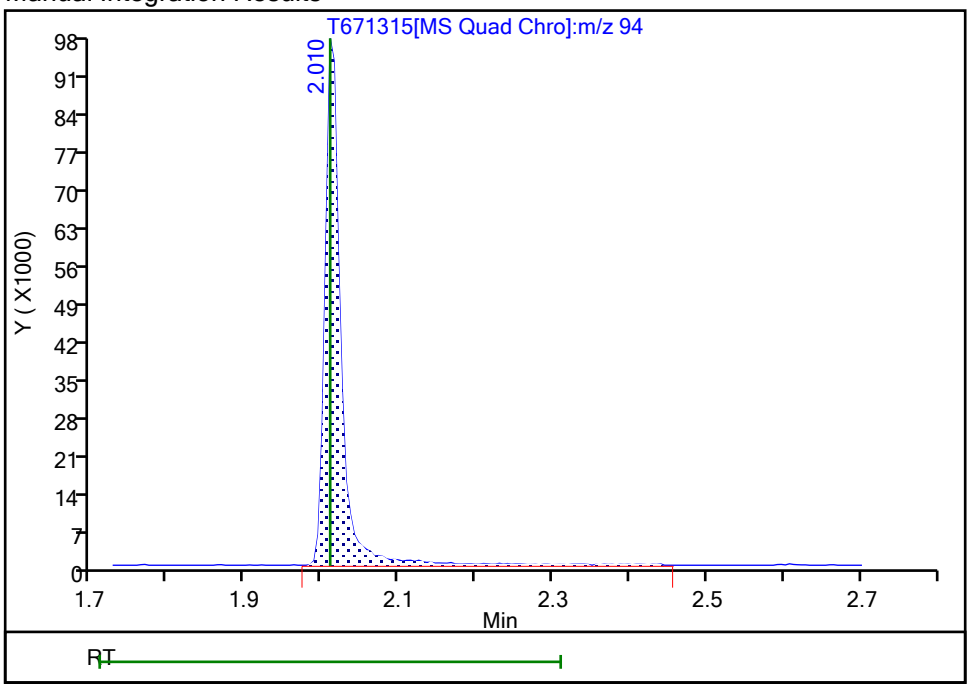
Processing Integration Results

RT: 2.01
Area: 132492
Amount: 34.277201
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 140452
Amount: 35.331435
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:46:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

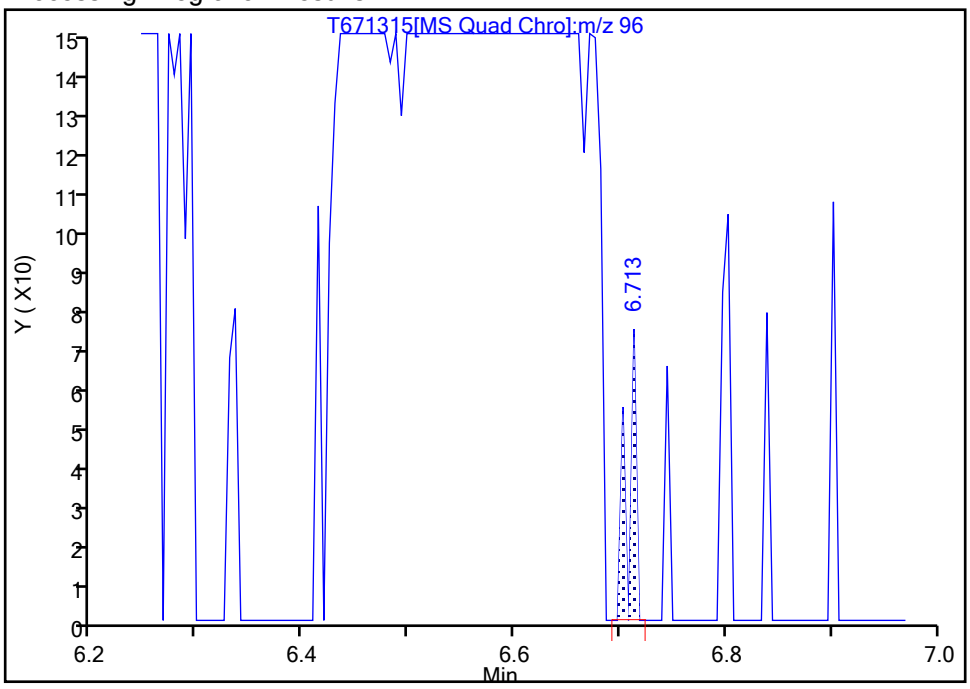
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Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

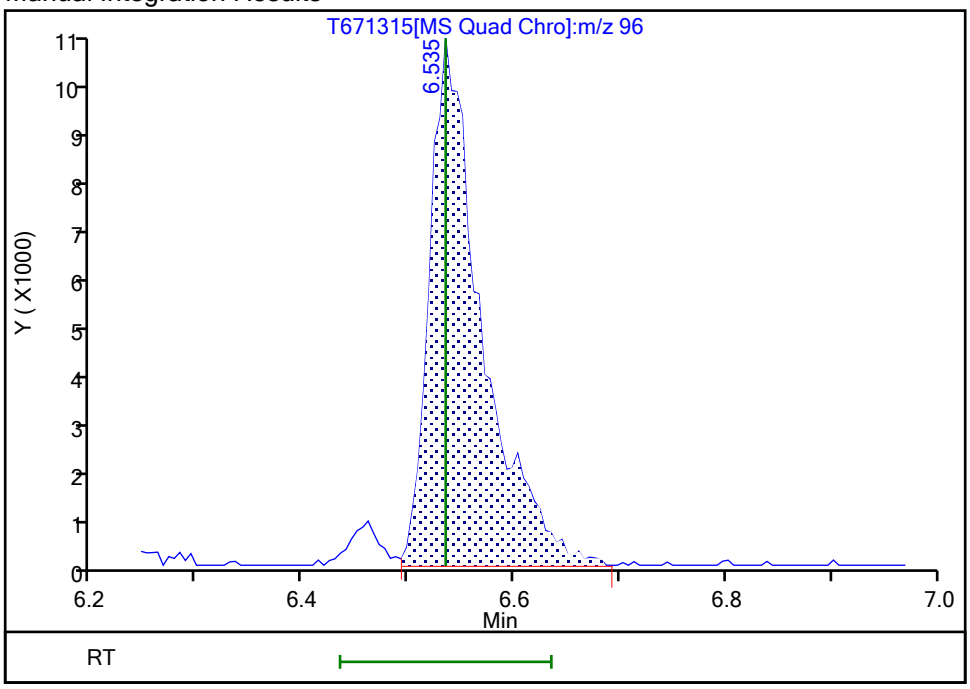
Processing Integration Results

RT: 6.71
Area: 39
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 35260
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:44:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671316.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Oct-2023 14:25:42 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0167990-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:45:00 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:44:40

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.318	1.318	0.000	90	40017	200.0	188.5	
3	Chlorotrifluoroethene	116	1.423	1.423	0.000	93	196745	200.0	190.1	
2	1,1-Difluoroethane	65	1.433	1.433	0.000	95	330753	200.0	173.4	
4	Dichlorodifluoromethane	85	1.449	1.449	0.000	100	1062953	200.0	198.3	
5	Chlorodifluoromethane	67	1.475	1.475	0.000	98	127880	200.0	168.9	
6	Chloromethane	50	1.627	1.632	-0.005	99	940014	200.0	179.7	
7	Vinyl chloride	62	1.721	1.722	-0.001	98	1218469	200.0	184.0	
8	Butadiene	54	1.748	1.748	0.000	92	1102088	200.0	186.6	
9	Bromomethane	94	2.015	2.010	0.005	98	815999	200.0	197.4	M
10	Chloroethane	64	2.109	2.104	0.005	99	659689	200.0	178.9	
11	Dichlorofluoromethane	67	2.293	2.293	0.000	97	1746662	200.0	193.9	
12	Trichlorofluoromethane	101	2.298	2.298	0.000	85	1420483	200.0	186.7	
13	Pentane	72	2.351	2.351	0.000	96	185793	400.0	378.7	
14	Ethanol	46	2.513	2.513	0.000	100	135398	8000.0	7346.5	
15	Ethyl ether	59	2.555	2.555	0.000	91	583609	200.0	184.0	
17	2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	581737	200.0	202.1	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	92	799630	200.0	190.1	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	96	1267163	200.0	191.2	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	98	817353	200.0	195.9	
19	Acrolein	56	2.739	2.734	0.005	43	129771	200.0	203.2	
20	1,1-Dichloroethene	96	2.770	2.770	0.000	96	688512	200.0	190.5	
22	Acetone	43	2.870	2.870	0.000	89	1063162	1000.0	1020.9	
23	Iodomethane	142	2.933	2.933	0.000	98	1158888	200.0	216.5	
24	Carbon disulfide	76	2.964	2.964	0.000	99	1491493	200.0	191.1	
25	Isopropyl alcohol	45	2.964	2.964	0.000	36	373189	2000.0	1781.8	
27	3-Chloro-1-propene	76	3.116	3.116	0.000	86	448792	200.0	191.0	
28	Methyl acetate	43	3.132	3.127	0.005	84	942933	400.0	393.7	
29	Cyclopentene	67	3.132	3.132	0.000	92	1269711	200.0	200.7	
26	Acetonitrile	41	3.190	3.190	0.000	99	848484	2000.0	2008.0	
* 31	TBA-d9 (IS)	66	3.247	3.242	0.005	40	43763	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	3.252	3.253	-0.001	85	895001	200.0	190.7	
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	652445	2000.0	1734.9	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	2148851	200.0	200.3	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	90	799946	200.0	188.1	
33 Acrylonitrile	53	3.541	3.541	0.000	94	2750880	2000.0	2007.2	
36 Hexane	57	3.630	3.630	0.000	89	636511	200.0	194.2	
40 Isopropyl ether	45	3.866	3.866	0.000	95	2193097	200.0	197.7	
37 1,1-Dichloroethane	63	3.903	3.897	0.006	99	1473316	200.0	200.2	
38 Vinyl acetate	86	3.918	3.918	0.000	99	323798	400.0	397.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	729295	200.0	200.5	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	90	2121888	200.0	203.0	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	56	318236	250.0	250.0	
44 2,2-Dichloropropane	97	4.458	4.453	0.005	92	337035	200.0	189.5	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	96	1038047	200.0	197.0	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	479092	1000.0	994.0	
47 Ethyl acetate	70	4.516	4.516	0.000	96	149915	400.0	364.3	
48 Methyl acrylate	55	4.574	4.574	0.000	100	606731	200.0	199.2	
46 Propionitrile	54	4.658	4.658	0.000	99	986715	2000.0	1900.0	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	525601	200.0	194.7	
51 Tetrahydrofuran	72	4.742	4.742	0.000	73	191494	400.0	392.8	
50 Methacrylonitrile	67	4.778	4.773	0.005	86	3568233	2000.0	2100.4	
52 Chloroform	83	4.804	4.805	-0.001	100	1654036	200.0	200.5	
55 Cyclohexane	84	4.946	4.946	0.000	87	1008330	200.0	195.4	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	1346344	200.0	196.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	55	199323	50.0	49.7	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	1215486	200.0	196.5	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	1070871	200.0	199.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	97	926111	5000.0	4736.9	
62 Isooctane	57	5.339	5.334	0.005	99	1689488	200.0	204.6	
60 Benzene	78	5.365	5.366	-0.001	95	3365736	200.0	196.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	46	167983	50.0	47.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	82	2254421	200.0	206.0	
63 Isopropyl acetate	61	5.449	5.449	0.000	84	387974	200.0	198.6	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	948071	200.0	192.2	
66 n-Heptane	43	5.554	5.554	0.000	88	531472	200.0	199.3	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	653365	50.0	50.0	
68 n-Butanol	56	6.079	6.079	-0.001	83	432964	5000.0	4706.8	
67 Trichloroethene	95	6.115	6.115	0.000	96	925416	200.0	199.6	
70 Methylcyclohexane	83	6.262	6.262	0.000	88	1098560	200.0	198.4	
69 Ethyl acrylate	55	6.273	6.273	-0.001	96	1560586	200.0	202.6	
71 1,2-Dichloropropane	63	6.461	6.456	0.005	94	867434	200.0	198.6	
* 73 1,4-Dioxane-d8	96	6.540	6.535	0.005	9	30057	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	81	423921	400.0	395.6	
74 1,4-Dioxane	88	6.603	6.598	0.005	40	183982	4000.0	4396.4	
72 Dibromomethane	93	6.608	6.608	0.000	92	595334	200.0	194.8	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	861829	200.0	203.9	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	1234118	200.0	199.8	
78 2-Nitropropane	41	7.201	7.201	0.000	86	307225	400.0	389.1	
79 2-Chloroethyl vinyl ether	106	7.211	7.216	-0.005	80	105212	200.5	193.9	
80 Epichlorohydrin	57	7.332	7.326	0.006	99	1374326	4000.0	4008.2	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	1501890	200.0	196.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	94	2976113	1000.0	1016.4	

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	7.683	7.683	0.000	99	700419	50.0	49.3	
84 Toluene	91	7.777	7.772	0.005	93	3823082	200.0	195.4	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	1334808	200.0	201.6	
86 Ethyl methacrylate	69	8.260	8.255	0.006	86	939525	200.0	198.7	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	97	713908	200.0	196.9	
88 Tetrachloroethene	166	8.506	8.501	0.005	98	1093699	200.0	195.4	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	1299053	200.0	194.7	
90 2-Hexanone	43	8.810	8.805	0.005	93	2051566	1000.0	1003.0	
93 n-Butyl acetate	43	8.957	8.957	0.000	99	904815	200.0	188.9	
91 Chlorodibromomethane	129	8.988	8.989	-0.001	97	1075296	200.0	201.4	
92 Ethylene Dibromide	107	9.172	9.167	0.005	98	862395	200.0	193.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	58	569078	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	98	2665662	200.0	198.5	
97 Ethylbenzene	106	10.021	10.021	0.000	97	1426281	200.0	198.3	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	56	1065077	200.0	198.7	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	96	1641646	200.0	194.6	
99 o-Xylene	106	10.860	10.855	0.005	95	1688302	200.0	198.1	
101 n-Butyl acrylate	73	10.876	10.871	0.005	86	636427	200.0	201.6	
100 Styrene	104	10.907	10.908	-0.001	97	2883431	200.0	205.7	
102 Bromoform	173	11.222	11.222	0.000	97	751217	200.0	200.6	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	1036434	200.0	191.4	
104 Isopropylbenzene	105	11.432	11.427	0.005	95	4140794	200.0	200.2	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	244333	50.0	48.0	
106 Bromobenzene	156	11.877	11.877	0.000	87	1231953	200.0	197.7	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	978684	200.0	193.7	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	4907946	200.0	198.8	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	296254	200.0	185.0	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	95	204132	200.0	197.8	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	3228321	200.0	199.0	
112 4-Ethyltoluene	105	12.155	12.150	0.005	98	4056931	200.0	197.7	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	93	3357260	200.0	201.9	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	3254337	200.0	199.5	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	1103714	200.0	205.5	
116 tert-Butylbenzene	119	12.606	12.601	0.005	93	2888558	200.0	200.3	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	97	3553102	200.0	203.9	
118 sec-Butylbenzene	105	12.853	12.847	0.006	99	4181536	200.0	205.5	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	2266954	200.0	207.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	3684154	200.0	209.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	311600	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	97	2244970	200.0	204.9	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	97	3429293	200.0	199.9	
124 Benzyl chloride	91	13.262	13.262	0.000	99	1932610	200.0	201.5	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	3502539	200.0	206.0	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	2187332	200.0	210.0	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	1753150	200.0	207.3	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	2001237	200.0	207.9	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	2922318	200.0	211.1	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	86	220785	200.0	199.3	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	1256887	200.0	201.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	1006665	200.0	209.4	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	488032	200.0	204.5	
134 Naphthalene	128	15.091	15.092	-0.001	99	2060268	200.0	217.4	

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	15.280	15.280	0.000	96	732254	200.0	212.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	385.2	
S 137 Xylenes, Total	100				0		400.0	392.7	
S 140 Total BTEX	1				0		1000.0	982.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	398.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00161	Amount Added:	20.00	Units: uL	
GAS Hi_00454	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	20.00	Units: uL	
MIX I Hi_00169	Amount Added:	20.00	Units: uL	
7 Freons Hi_00007	Amount Added:	20.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	20.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:45:01 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671316.D

Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15

Lims ID: STD200

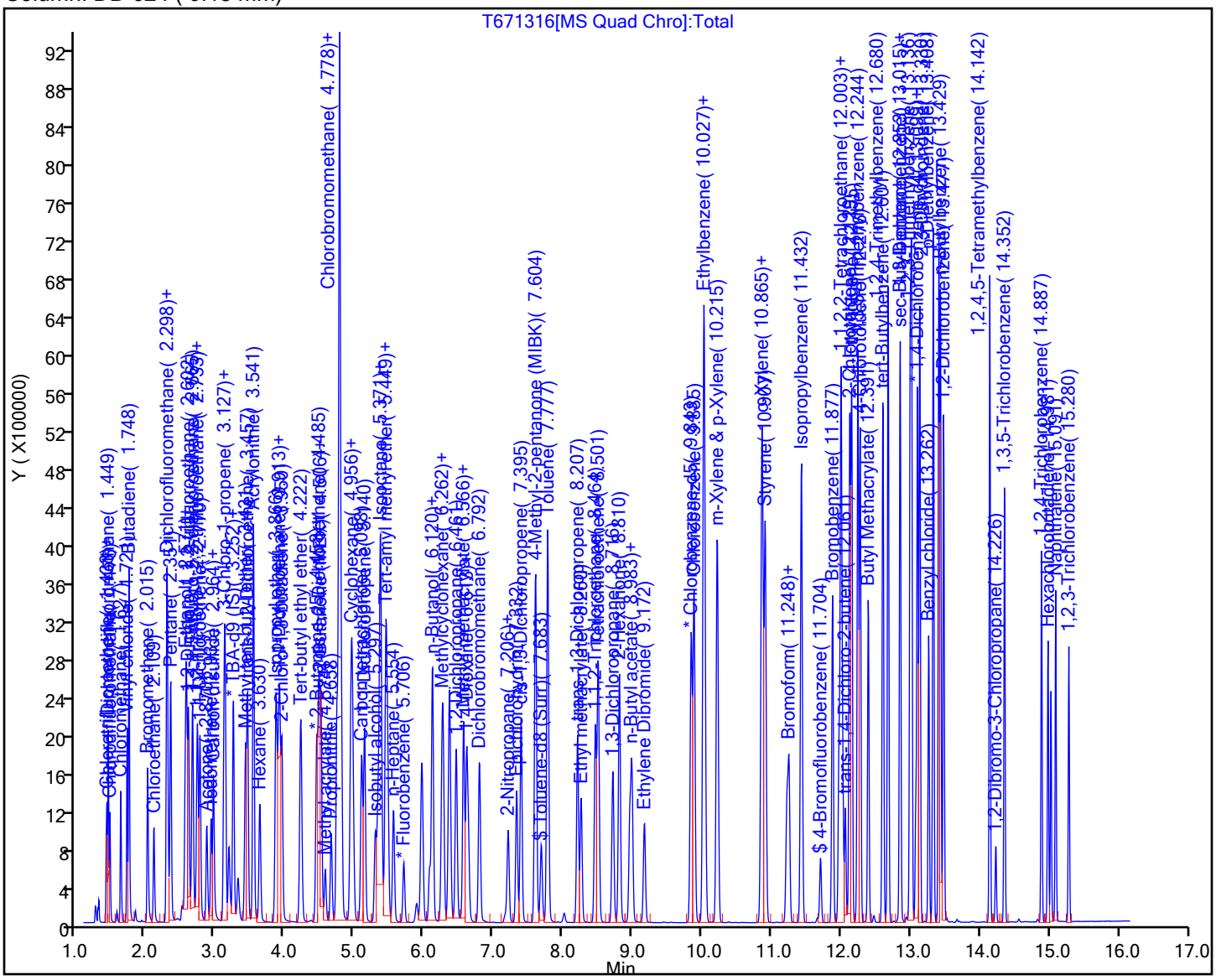
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

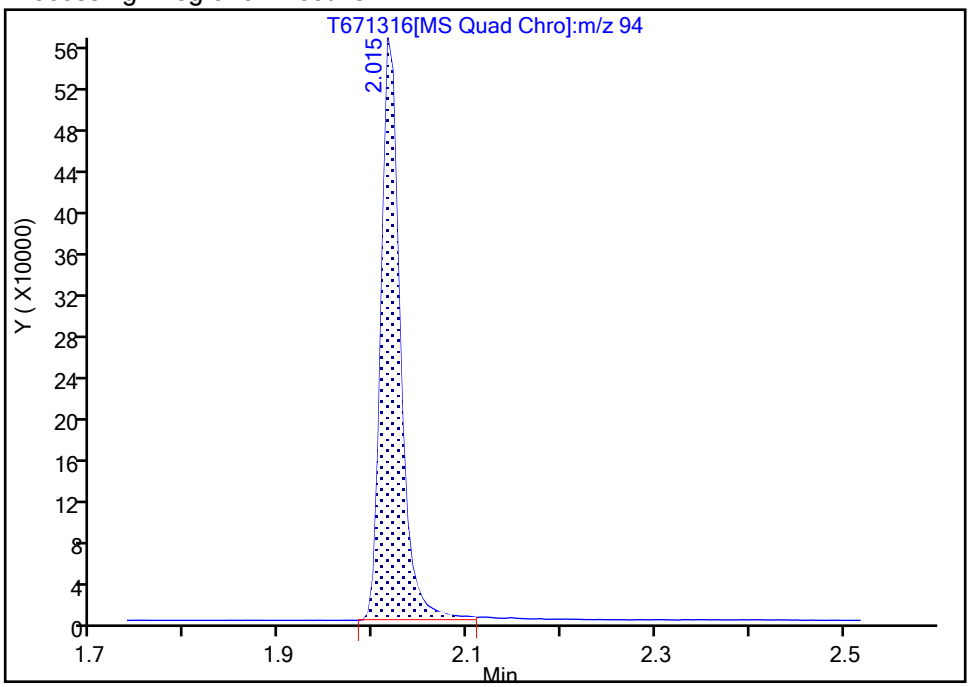
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Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

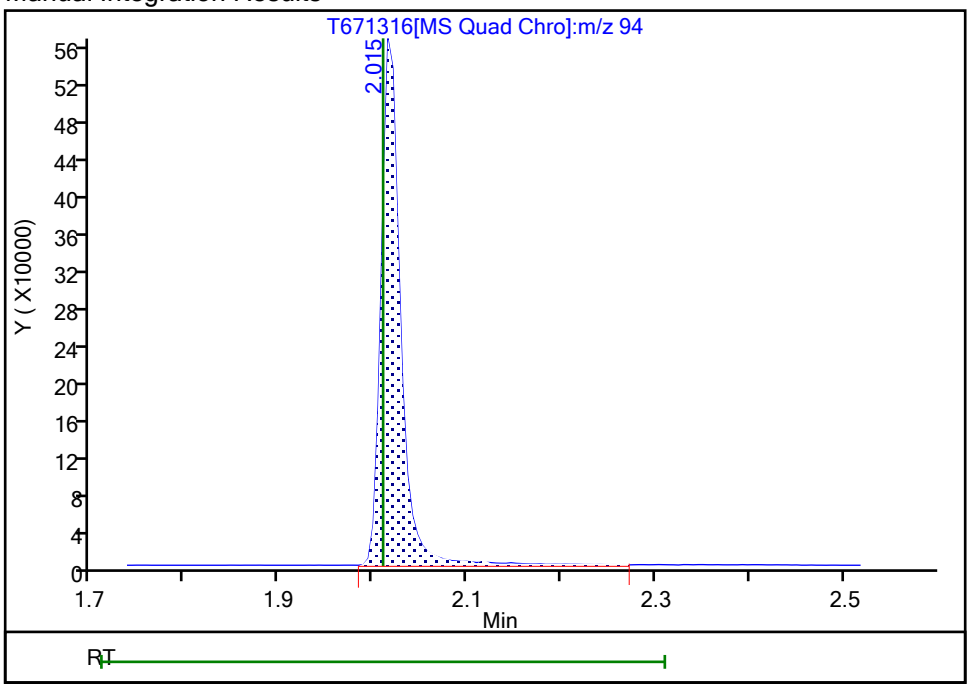
Processing Integration Results

RT: 2.02
Area: 802379
Amount: 194.7413
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 815999
Amount: 197.3944
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:17:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

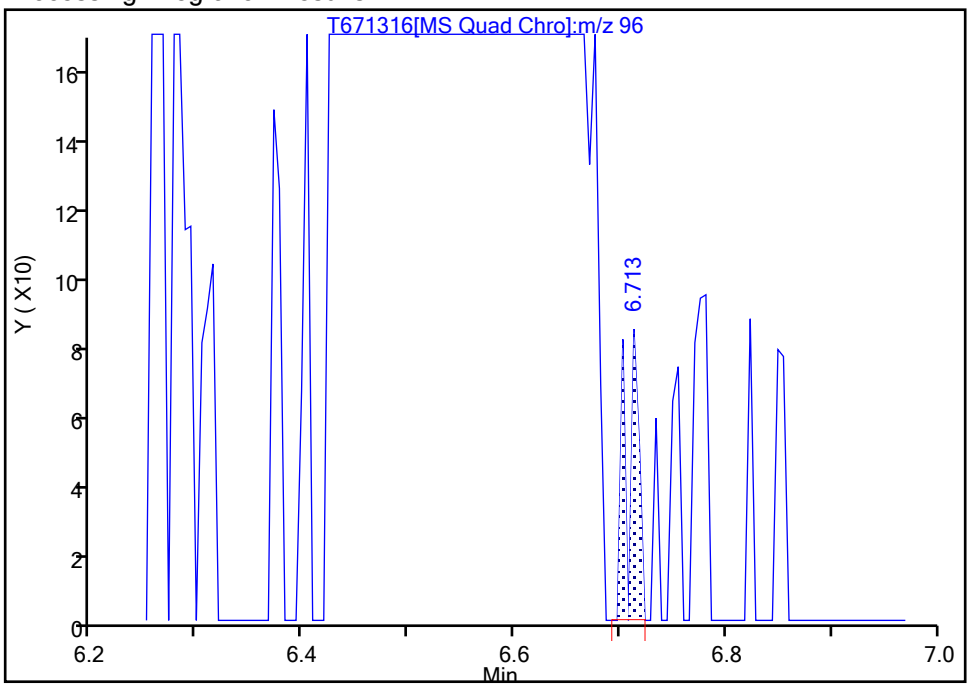
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Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

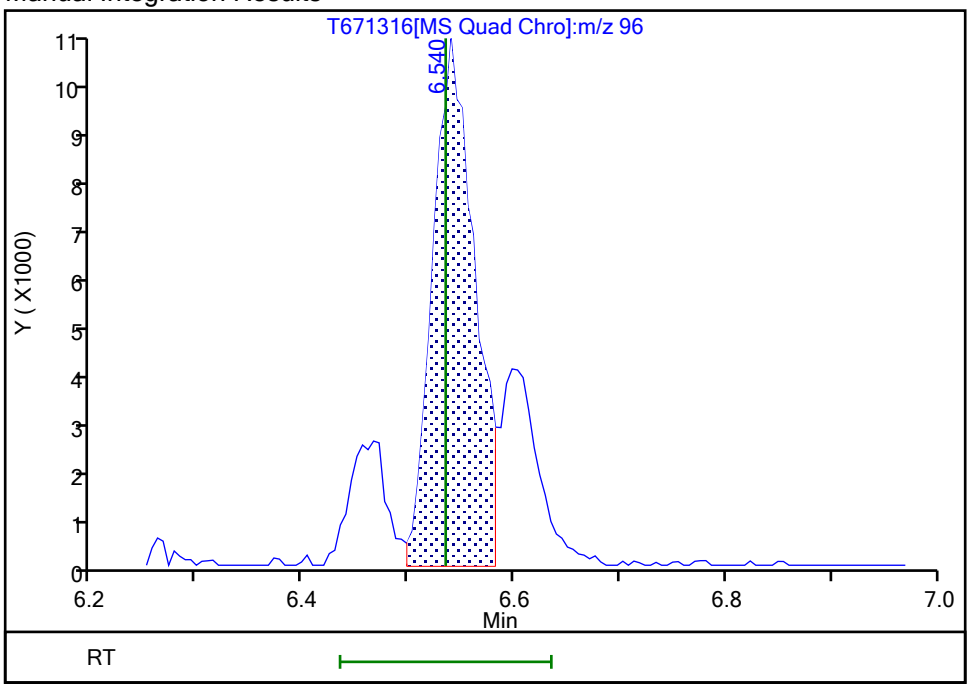
Processing Integration Results

RT: 6.71
Area: 69
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.54
Area: 30057
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:44:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Oct-2023 14:48:16 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0167990-012
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:45:18 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:48:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.318	-0.005	95	103498	500.0	502.0	
3 Chlorotrifluoroethene	116	1.418	1.423	-0.005	95	549283	500.0	501.4	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	979737	500.0	474.2	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	3161330	500.0	544.6	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	366233	500.0	446.7	
6 Chloromethane	50	1.627	1.632	-0.005	99	2952450	500.0	521.3	
7 Vinyl chloride	62	1.722	1.722	0.000	98	3491006	500.0	486.9	
8 Butadiene	54	1.748	1.748	0.000	92	3169368	500.0	495.9	
9 Bromomethane	94	2.010	2.010	0.000	97	1007819	500.0	225.1	M
10 Chloroethane	64	2.099	2.104	-0.005	99	2325861	500.0	544.3	
11 Dichlorofluoromethane	67	2.288	2.293	-0.005	97	5461965	500.0	559.9	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	97	4475632	500.0	543.1	
13 Pentane	72	2.346	2.351	-0.005	96	555801	1000.0	1046.4	
14 Ethanol	46	2.519	2.513	0.006	100	420178	20000	22486	a
15 Ethyl ether	59	2.555	2.555	0.000	91	1789249	500.0	521.0	
17 2-Methyl-1,3-butadiene	53	2.571	2.576	-0.005	95	1799904	500.0	577.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.001	92	2309194	500.0	506.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	97	3704672	500.0	516.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.734	-0.006	98	2402570	500.0	531.9	
19 Acrolein	56	2.739	2.734	0.005	41	309111	400.0	447.1	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	95	2016668	500.0	515.4	
22 Acetone	43	2.870	2.870	0.000	88	3021458	2500.0	2503.5	
23 Iodomethane	142	2.928	2.933	-0.005	99	2843725	500.0	490.0	
24 Carbon disulfide	76	2.964	2.964	0.000	99	4406476	500.0	521.4	
25 Isopropyl alcohol	45	2.975	2.964	0.011	42	1114647	5000.0	5249.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	86	1230718	500.0	483.6	
28 Methyl acetate	43	3.132	3.127	0.005	85	2832054	1000.0	1091.9	
29 Cyclopentene	67	3.132	3.132	0.000	93	3726332	500.0	543.9	
26 Acetonitrile	41	3.190	3.190	0.000	98	2474742	5000.0	5053.3	
* 31 TBA-d9 (IS)	66	3.253	3.242	0.011	30	44370	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	3.253	3.253	0.000	85	2570342	500.0	505.9	
32 2-Methyl-2-propanol	59	3.326	3.321	0.005	98	1742808	5000.0	4570.8	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	96	6311419	500.0	543.2	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	89	2437438	500.0	529.4	
33 Acrylonitrile	53	3.546	3.541	0.005	94	8097217	5000.0	4999.2	
36 Hexane	57	3.630	3.630	0.000	90	1804067	500.0	508.4	
40 Isopropyl ether	45	3.866	3.866	0.000	95	6443545	500.0	536.3	
37 1,1-Dichloroethane	63	3.903	3.897	0.006	99	4255034	500.0	534.0	
38 Vinyl acetate	86	3.924	3.918	0.006	99	910507	1000.0	965.0	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	2171358	500.0	551.4	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	91	6140019	500.0	542.6	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	50	368826	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	94	979035	500.0	508.3	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	95	3030768	500.0	531.2	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	98	1386545	2500.0	2482.1	
47 Ethyl acetate	70	4.516	4.516	0.000	96	452461	1000.0	948.6	
48 Methyl acrylate	55	4.574	4.574	0.000	100	1710892	500.0	518.7	
46 Propionitrile	54	4.668	4.658	0.010	98	2867257	5000.0	5098.7	
49 Chlorobromomethane	128	4.747	4.742	0.005	76	1482386	500.0	507.0	
51 Tetrahydrofuran	72	4.747	4.742	0.005	73	551065	1000.0	977.3	
50 Methacrylonitrile	67	4.789	4.773	0.016	82	10716072	5000.0	5825.4	
52 Chloroform	83	4.810	4.805	0.005	99	4810811	500.0	538.5	
55 Cyclohexane	84	4.946	4.946	0.000	86	2968247	500.0	531.3	
54 1,1,1-Trichloroethane	97	4.967	4.962	0.005	97	3922059	500.0	529.5	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	37	221694	50.0	51.0	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	3545744	500.0	529.4	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	3083577	500.0	529.4	
59 Isobutyl alcohol	43	5.308	5.292	0.016	93	2732406	12500	13785	
62 Isooctane	57	5.339	5.334	0.005	97	4855115	500.0	543.0	a
60 Benzene	78	5.371	5.366	0.005	95	9588875	500.0	491.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.387	0.005	43	189094	50.0	49.6	
64 Tert-amyl methyl ether	73	5.450	5.449	0.001	82	6532881	500.0	551.2	
63 Isopropyl acetate	61	5.455	5.449	0.006	83	1133146	500.0	535.7	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	2703571	500.0	506.2	
66 n-Heptane	43	5.554	5.554	0.000	88	1482189	500.0	513.2	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	707480	50.0	50.0	
68 n-Butanol	56	6.084	6.079	0.005	84	1312465	12500	14073	
67 Trichloroethene	95	6.121	6.115	0.006	95	2744695	500.0	546.8	
70 Methylcyclohexane	83	6.262	6.262	0.000	90	3154926	500.0	526.3	
69 Ethyl acrylate	55	6.273	6.273	0.000	96	4540953	500.0	544.4	
71 1,2-Dichloropropane	63	6.461	6.456	0.005	93	2464316	500.0	521.0	
* 73 1,4-Dioxane-d8	96	6.556	6.535	0.021	22	33576	1000.0	1000.0	a
75 Methyl methacrylate	100	6.572	6.566	0.006	80	1225023	1000.0	1055.7	
74 1,4-Dioxane	88	6.608	6.598	0.010	40	538491	10000	11519	
72 Dibromomethane	93	6.614	6.608	0.006	92	1649897	500.0	498.6	
76 n-Propyl acetate	43	6.640	6.634	0.006	97	2479494	500.0	541.9	
77 Dichlorobromomethane	83	6.797	6.792	0.005	98	3515086	500.0	525.5	
78 2-Nitropropane	41	7.206	7.201	0.005	85	900174	1000.0	1053.0	
79 2-Chloroethyl vinyl ether	106	7.216	7.216	0.000	80	294908	501.2	502.0	
80 Epichlorohydrin	57	7.337	7.326	0.011	99	3939031	10000	9998.9	
81 cis-1,3-Dichloropropene	75	7.400	7.395	0.005	88	4219850	500.0	485.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	93	8375202	2500.0	2468.0	

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	7.688	7.683	0.005	99	746156	50.0	46.0	
84 Toluene	91	7.777	7.772	0.005	94	10772574	500.0	482.9	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	3750113	500.0	496.9	
86 Ethyl methacrylate	69	8.260	8.255	0.006	86	2649492	500.0	491.6	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	97	1980158	500.0	479.2	
88 Tetrachloroethene	166	8.506	8.501	0.005	98	3136539	500.0	491.6	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	3552128	500.0	467.1	
90 2-Hexanone	43	8.816	8.805	0.011	93	5787412	2500.0	2441.3	
93 n-Butyl acetate	43	8.962	8.957	0.005	98	2576025	500.0	471.9	
91 Chlorodibromomethane	129	8.994	8.989	0.005	97	3024720	500.0	497.1	
92 Ethylene Dibromide	107	9.172	9.167	0.005	99	2353733	500.0	463.1	
* 94 Chlorobenzene-d5	117	9.843	9.838	0.005	42	648689	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	98	7552022	500.0	493.3	
97 Ethylbenzene	106	10.027	10.021	0.006	97	4280467	500.0	522.0	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	50	3093484	500.0	506.2	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	95	4791677	500.0	498.3	
99 o-Xylene	106	10.866	10.855	0.011	96	5069715	500.0	521.8	
101 n-Butyl acrylate	73	10.876	10.871	0.005	74	1871169	500.0	520.0	
100 Styrene	104	10.913	10.908	0.005	96	8141024	500.0	509.4	
102 Bromoform	173	11.222	11.222	0.000	97	2184423	500.0	511.6	
103 Amyl acetate (mixed isomers)	43	11.254	11.248	0.006	91	2964275	500.0	514.6	
104 Isopropylbenzene	105	11.432	11.427	0.005	95	11641852	500.0	493.9	
$ 105 4-Bromofluorobenzene	174	11.710	11.704	0.006	96	262231	50.0	45.2	
106 Bromobenzene	156	11.883	11.877	0.006	85	3561774	500.0	537.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	2812099	500.0	523.2	
110 N-Propylbenzene	91	12.003	11.998	0.005	98	13361322	500.0	508.8	
108 1,2,3-Trichloropropane	110	12.030	12.024	0.006	96	841255	500.0	493.9	
109 trans-1,4-Dichloro-2-butene	53	12.066	12.061	0.005	95	589831	500.0	537.2	
111 2-Chlorotoluene	91	12.129	12.124	0.005	95	9292992	500.0	538.4	
112 4-Ethyltoluene	105	12.155	12.150	0.005	96	11356398	500.0	520.3	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	9459727	500.0	534.8	
113 4-Chlorotoluene	91	12.281	12.276	0.005	95	9200095	500.0	530.1	
115 Butyl Methacrylate	87	12.397	12.391	0.006	83	3195465	500.0	559.2	
116 tert-Butylbenzene	119	12.606	12.601	0.005	92	8324538	500.0	542.6	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	96	9866624	500.0	532.2	
118 sec-Butylbenzene	105	12.853	12.847	0.006	97	11341852	500.0	524.1	
119 1,3-Dichlorobenzene	146	13.000	12.994	0.006	97	6640419	500.0	571.9	
122 4-Isopropyltoluene	119	13.021	13.015	0.006	94	10280439	500.0	549.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	331486	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	95	6403339	500.0	549.5	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	96	9515792	500.0	521.3	
124 Benzyl chloride	91	13.267	13.262	0.005	100	5472880	500.0	536.5	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	91	9585517	500.0	530.0	
127 p-Diethylbenzene	119	13.409	13.408	0.001	94	6403883	500.0	578.0	
128 n-Butylbenzene	92	13.435	13.429	0.006	98	5059785	500.0	562.4	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	98	5601667	500.0	547.1	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	98	8419176	500.0	571.8	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	87	629536	500.0	534.1	
131 1,3,5-Trichlorobenzene	180	14.358	14.352	0.006	96	3782217	500.0	568.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	3023673	500.0	591.3	
133 Hexachlorobutadiene	225	14.982	14.981	0.001	81	1402806	500.0	552.7	
134 Naphthalene	128	15.092	15.092	0.000	99	5890503	500.0	584.3	

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	15.280	15.280	0.000	96	2141751	500.0	583.3	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1060.7	
S 137 Xylenes, Total	100				0		1000.0	1020.1	
S 140 Total BTEX	1				0		2500.0	2516.0	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	982.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons Hi_00007	Amount Added:	50.00	Units: uL	
MIX I Hi_00169	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	50.00	Units: uL	
Ethanol mix_00082	Amount Added:	50.00	Units: uL	
GAS Hi_00454	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	40.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	50.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:45:19 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15

Lims ID: STD500

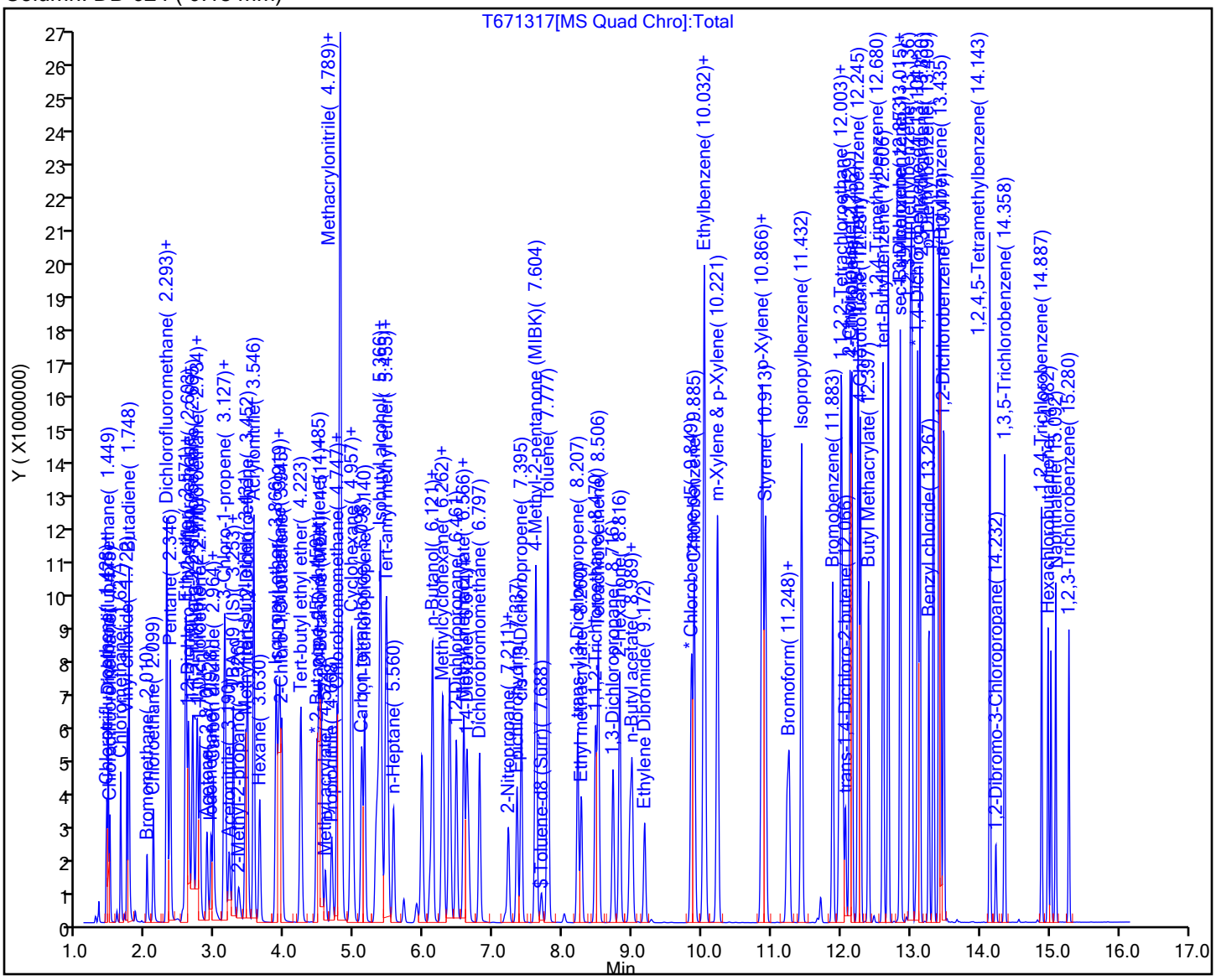
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

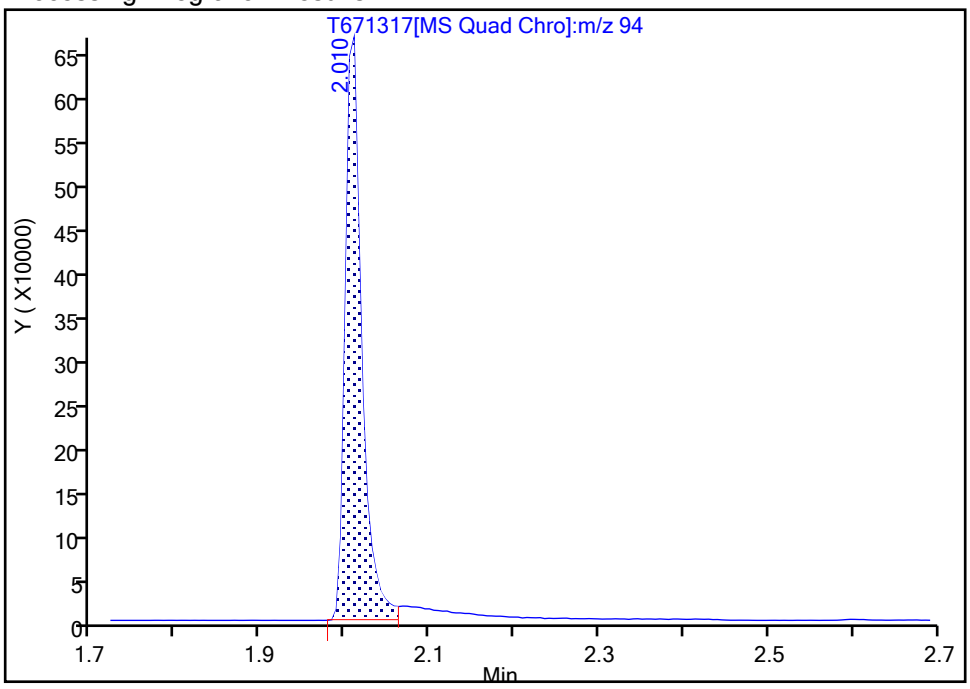
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

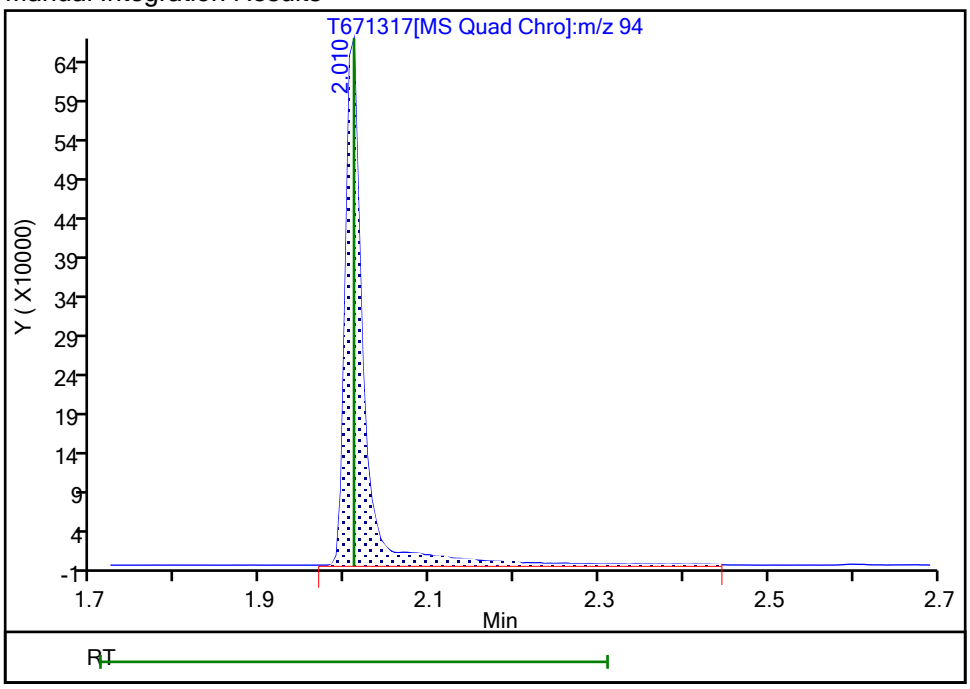
Processing Integration Results

RT: 2.01
Area: 905056
Amount: 235.7830
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 1007819
Amount: 225.1487
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:38:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

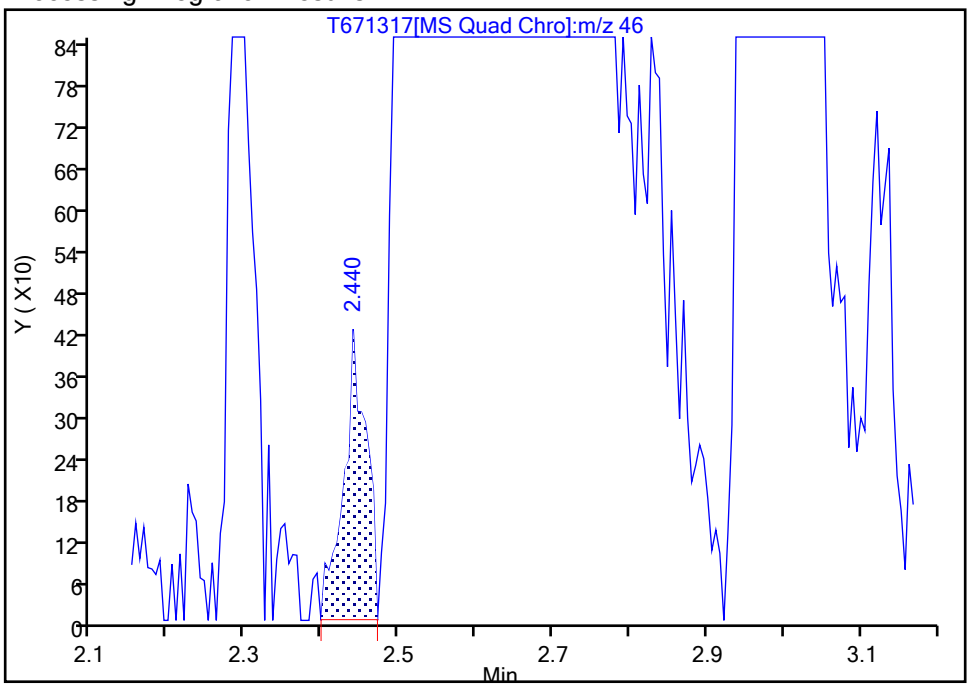
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

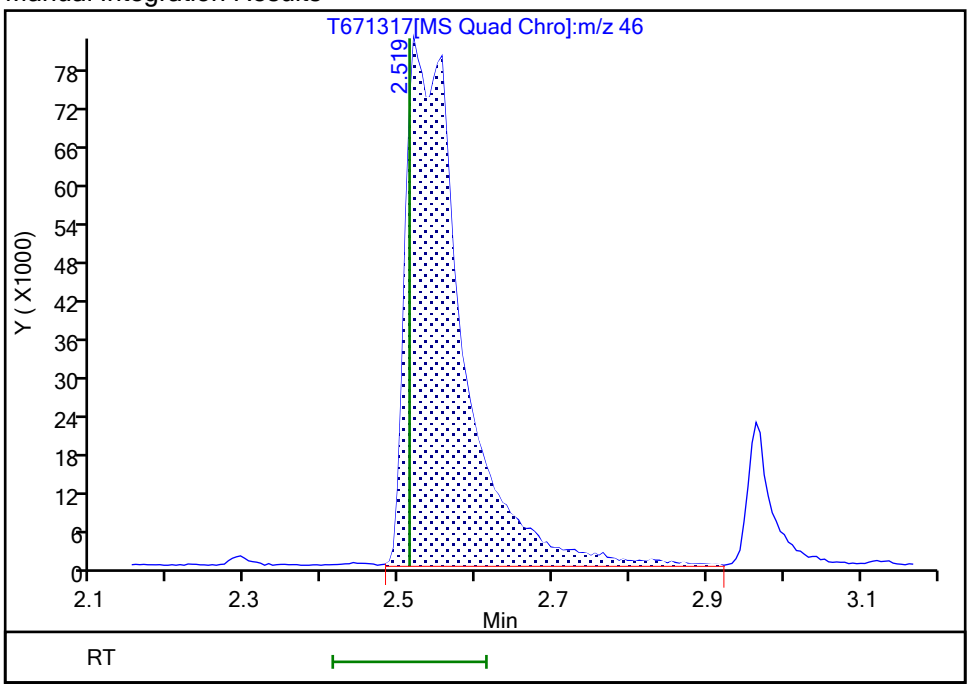
Processing Integration Results

RT: 2.44
Area: 860
Amount: 38.344777
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 420178
Amount: 22486
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

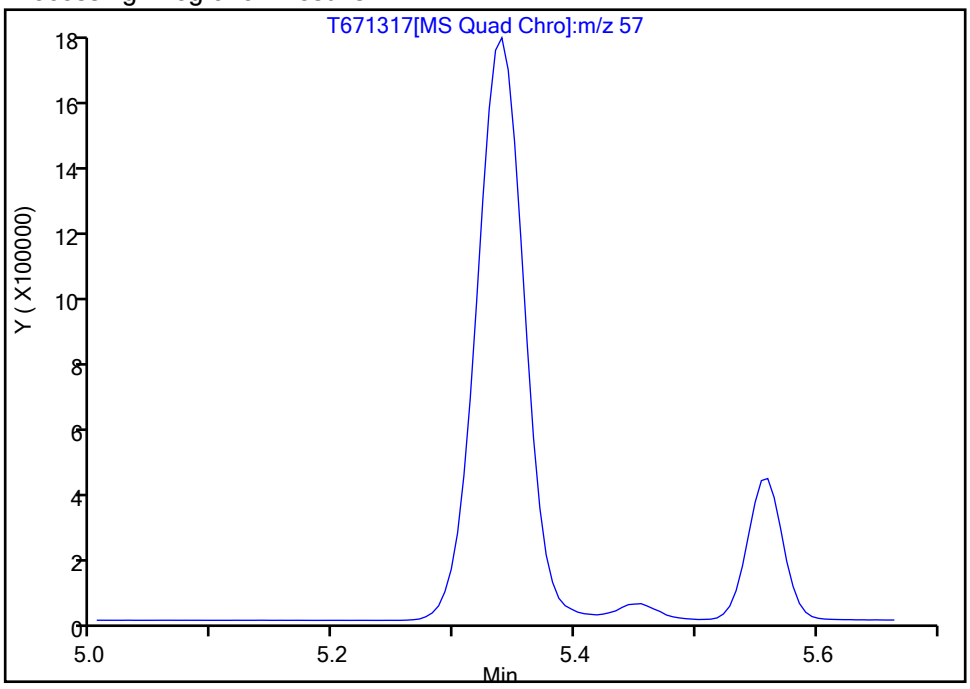
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

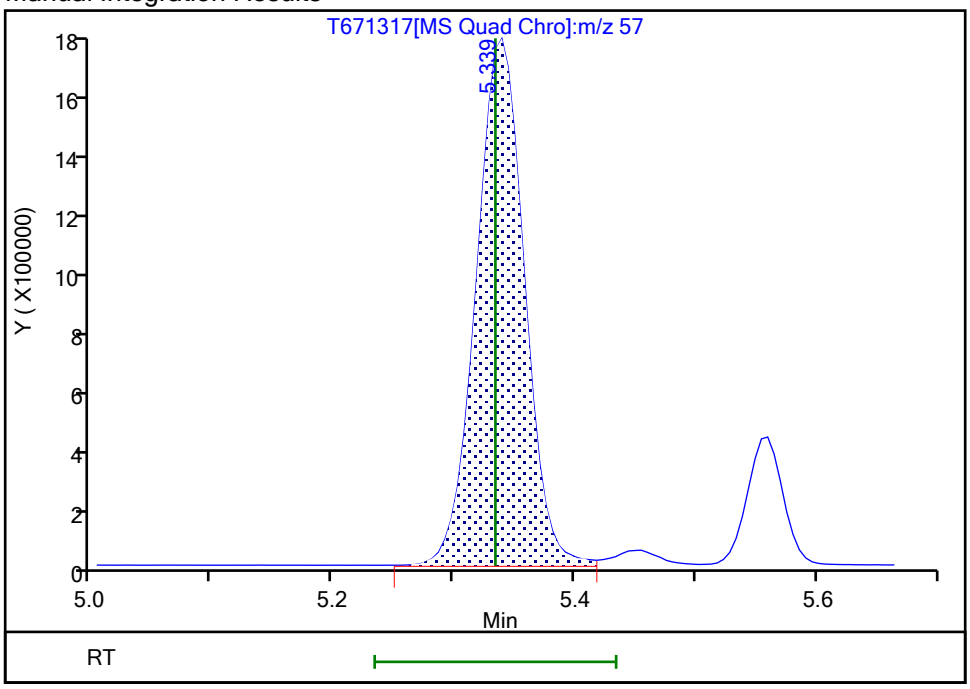
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 4855115
Amount: 542.9655
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

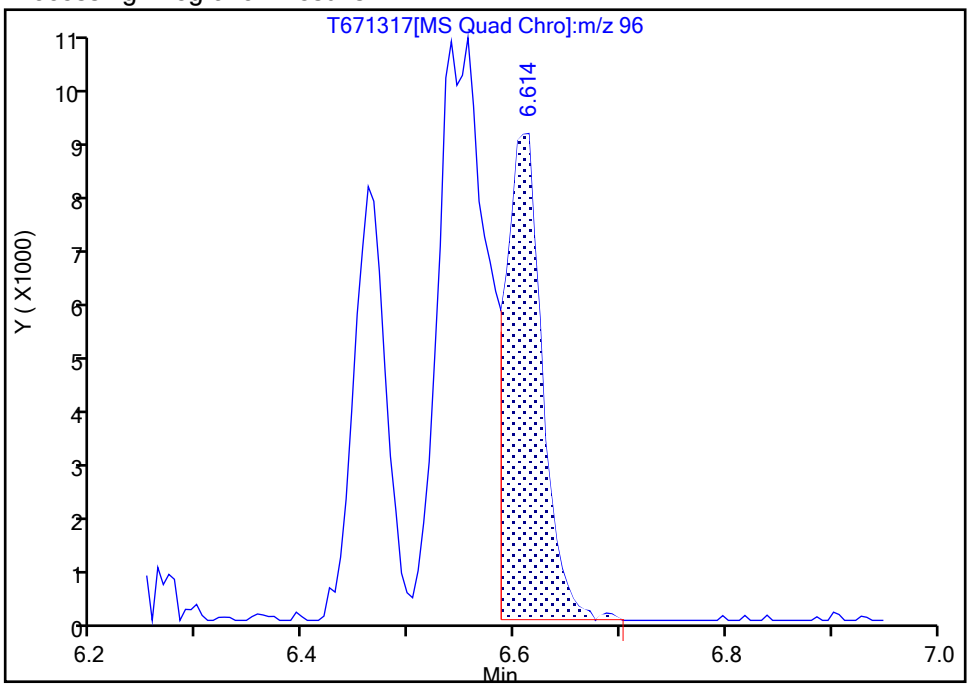
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

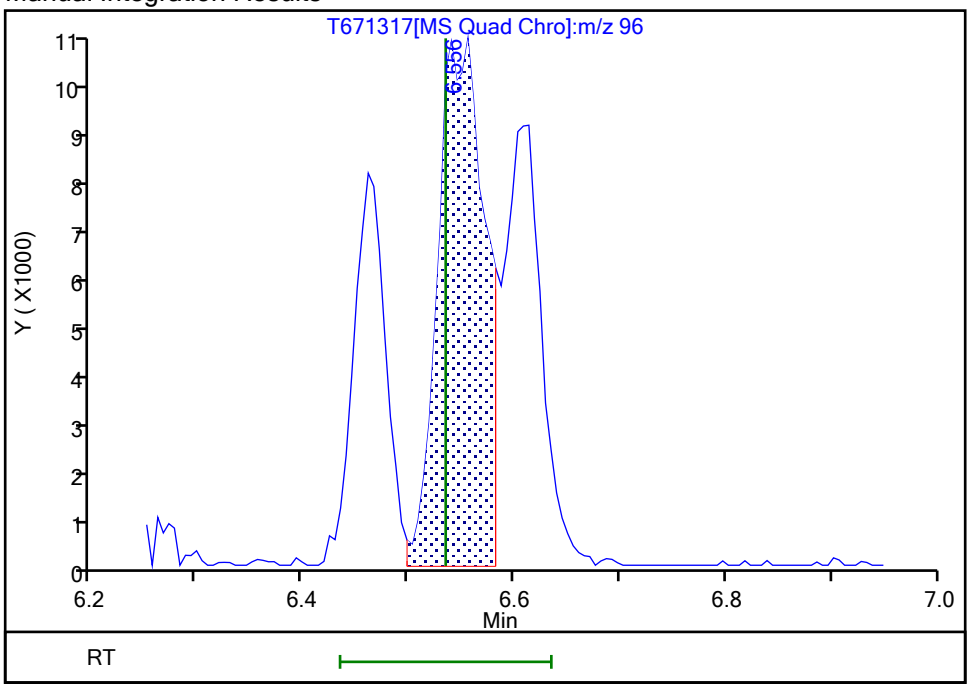
Processing Integration Results

RT: 6.61
Area: 21797
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.56
Area: 33576
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

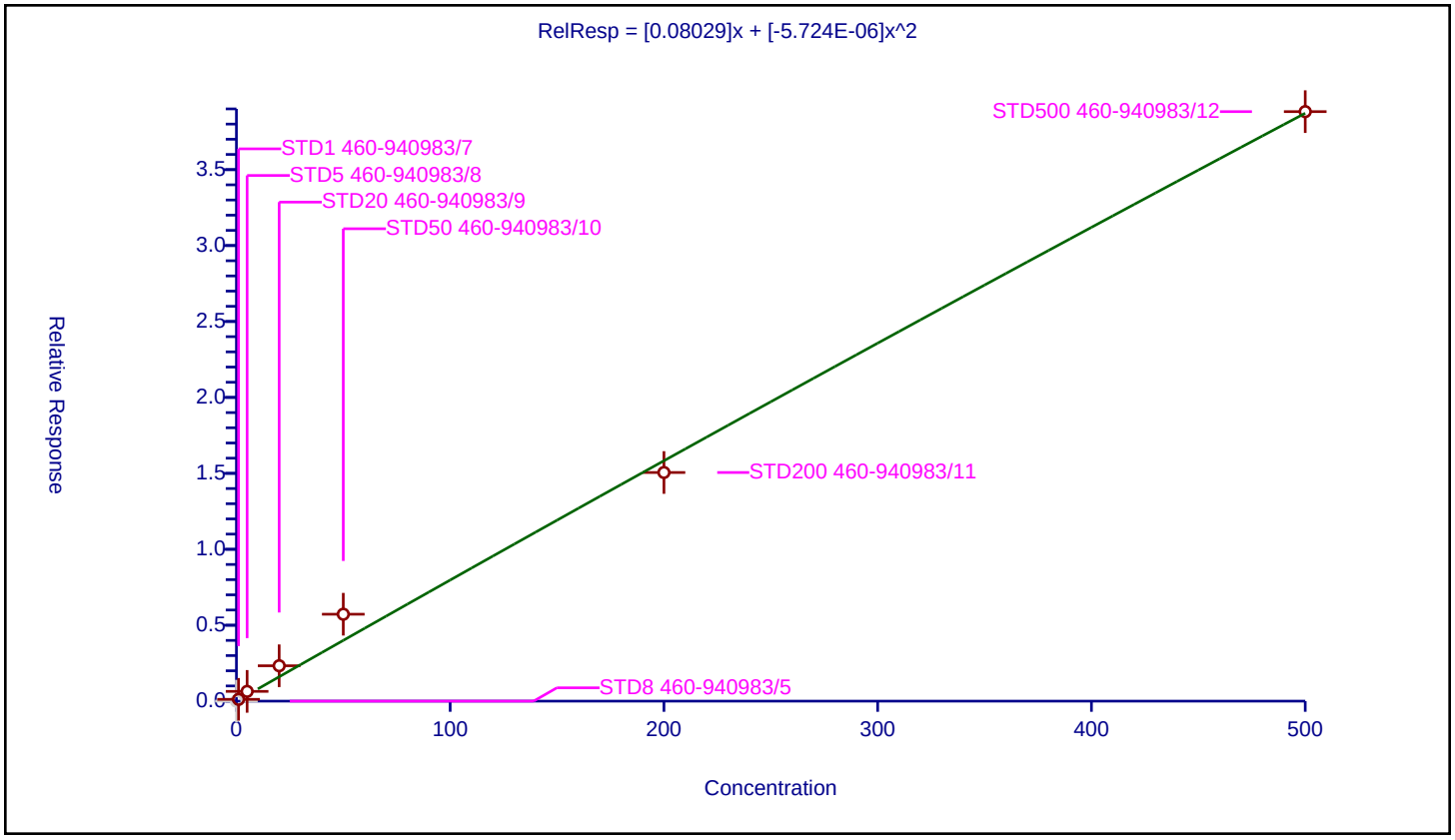
Curve Coefficients

Intercept:	0
Slope:	0.08029
Second Order:	-5.724E-06

Error Coefficients

Standard Error:	294000
Relative Standard Error:	49.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.118685	50.0	562411.0	0.118685	Y
3	STD5 460-940983/8	5.0	0.643279	50.0	576577.0	0.128656	Y
4	STD20 460-940983/9	20.0	2.329193	50.0	598469.0	0.11646	Y
5	STD50 460-940983/10	50.0	5.724326	50.0	628301.0	0.114487	Y
6	STD200 460-940983/11	200.0	15.056286	50.0	653365.0	0.075281	Y
7	STD500 460-940983/12	500.0	38.819684	50.0	707480.0	0.077639	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

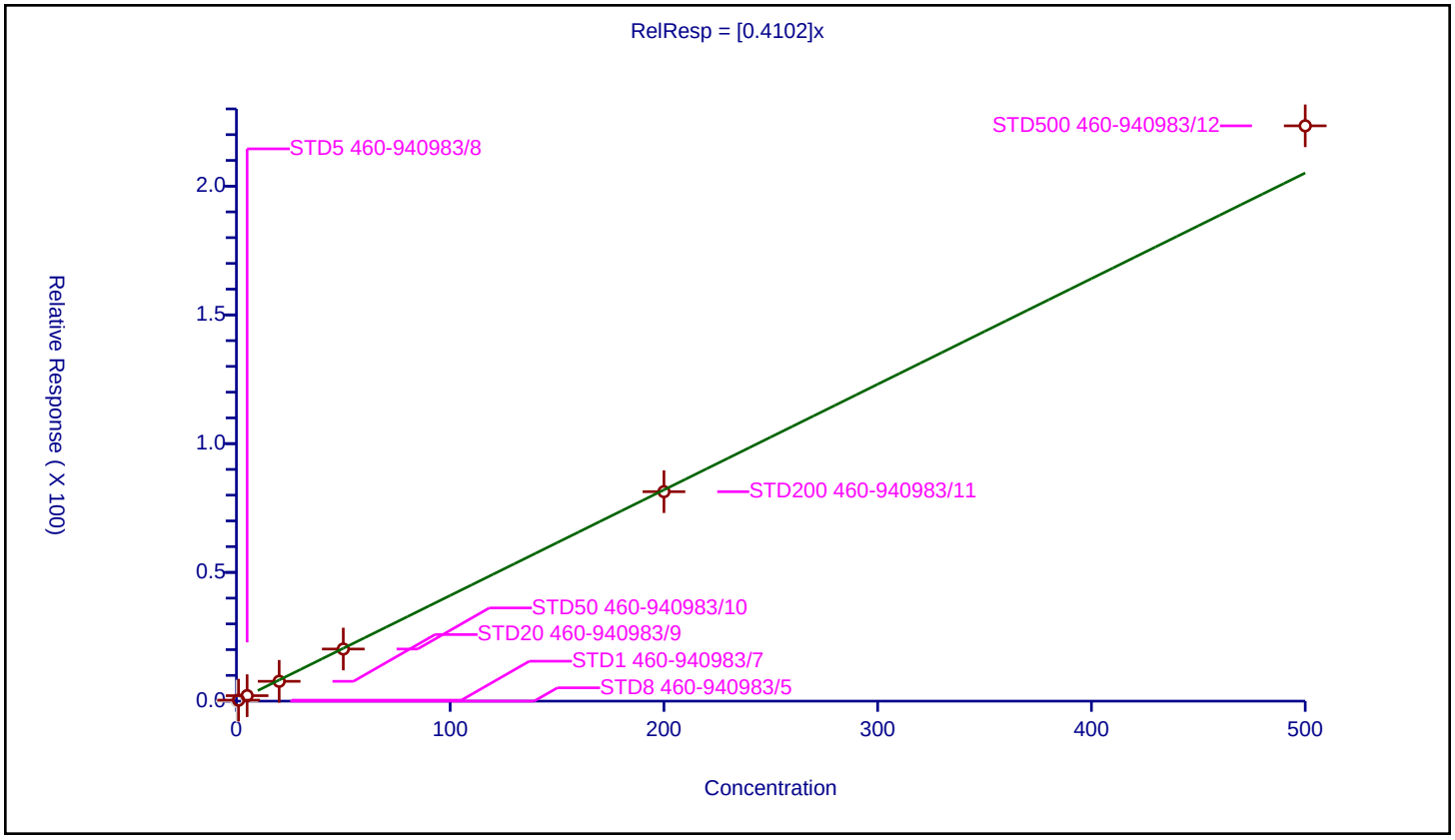
Curve Coefficients

Intercept:	0
Slope:	0.4102

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	5.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.392684	50.0	562411.0	0.392684	Y
3	STD5 460-940983/8	5.0	2.126863	50.0	576577.0	0.425373	Y
4	STD20 460-940983/9	20.0	7.698895	50.0	598469.0	0.384945	Y
5	STD50 460-940983/10	50.0	20.237832	50.0	628301.0	0.404757	Y
6	STD200 460-940983/11	200.0	81.344501	50.0	653365.0	0.406723	Y
7	STD500 460-940983/12	500.0	223.421864	50.0	707480.0	0.446844	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

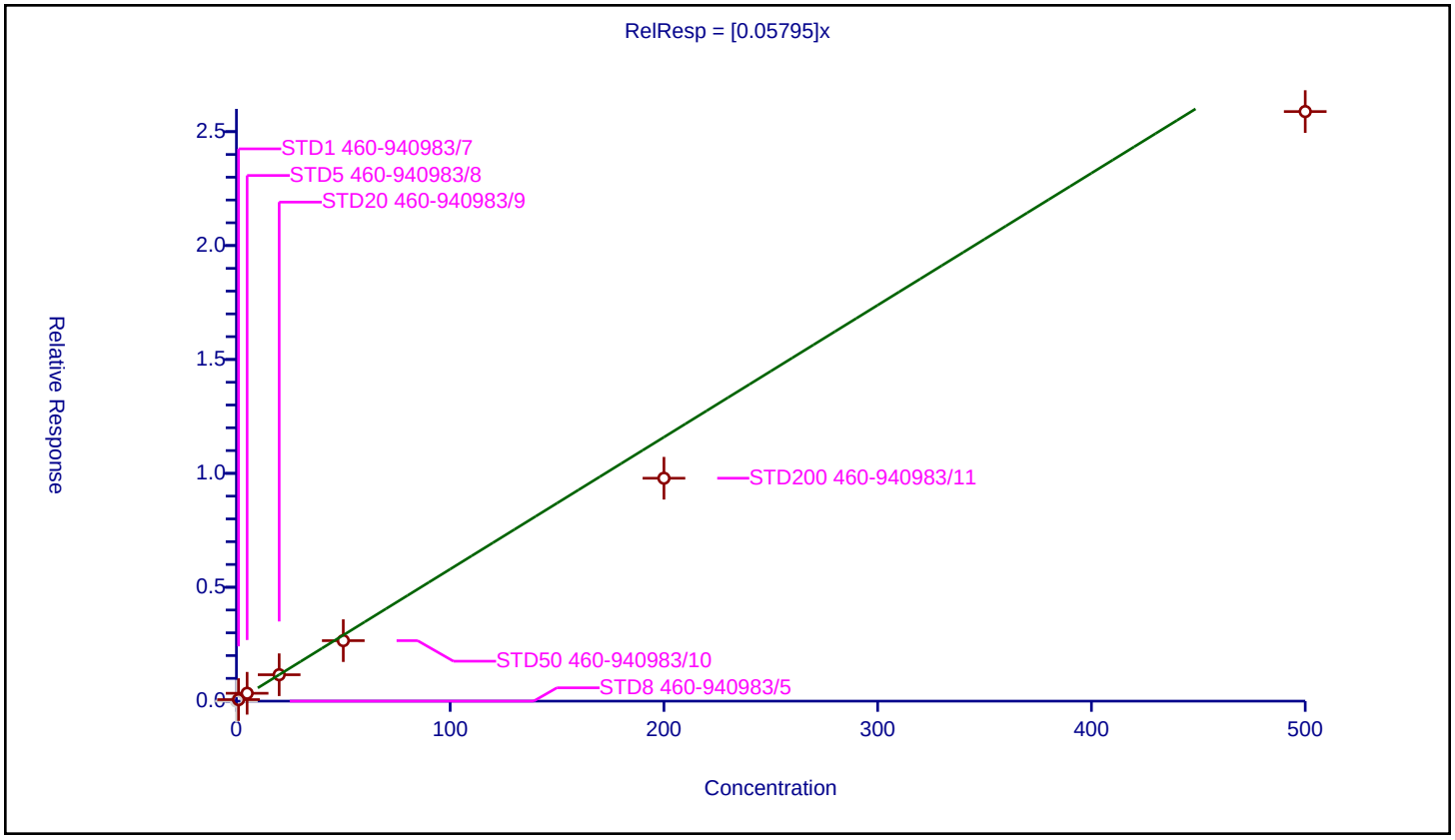
Curve Coefficients

Intercept:	0
Slope:	0.05795

Error Coefficients

Standard Error:	174000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.066766	50.0	562411.0	0.066766	Y
3	STD5 460-940983/8	5.0	0.345661	50.0	576577.0	0.069132	Y
4	STD20 460-940983/9	20.0	1.159041	50.0	598469.0	0.057952	Y
5	STD50 460-940983/10	50.0	2.65637	50.0	628301.0	0.053127	Y
6	STD200 460-940983/11	200.0	9.78626	50.0	653365.0	0.048931	Y
7	STD500 460-940983/12	500.0	25.882922	50.0	707480.0	0.051766	Y



11/10/2023
2:16 PM

Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

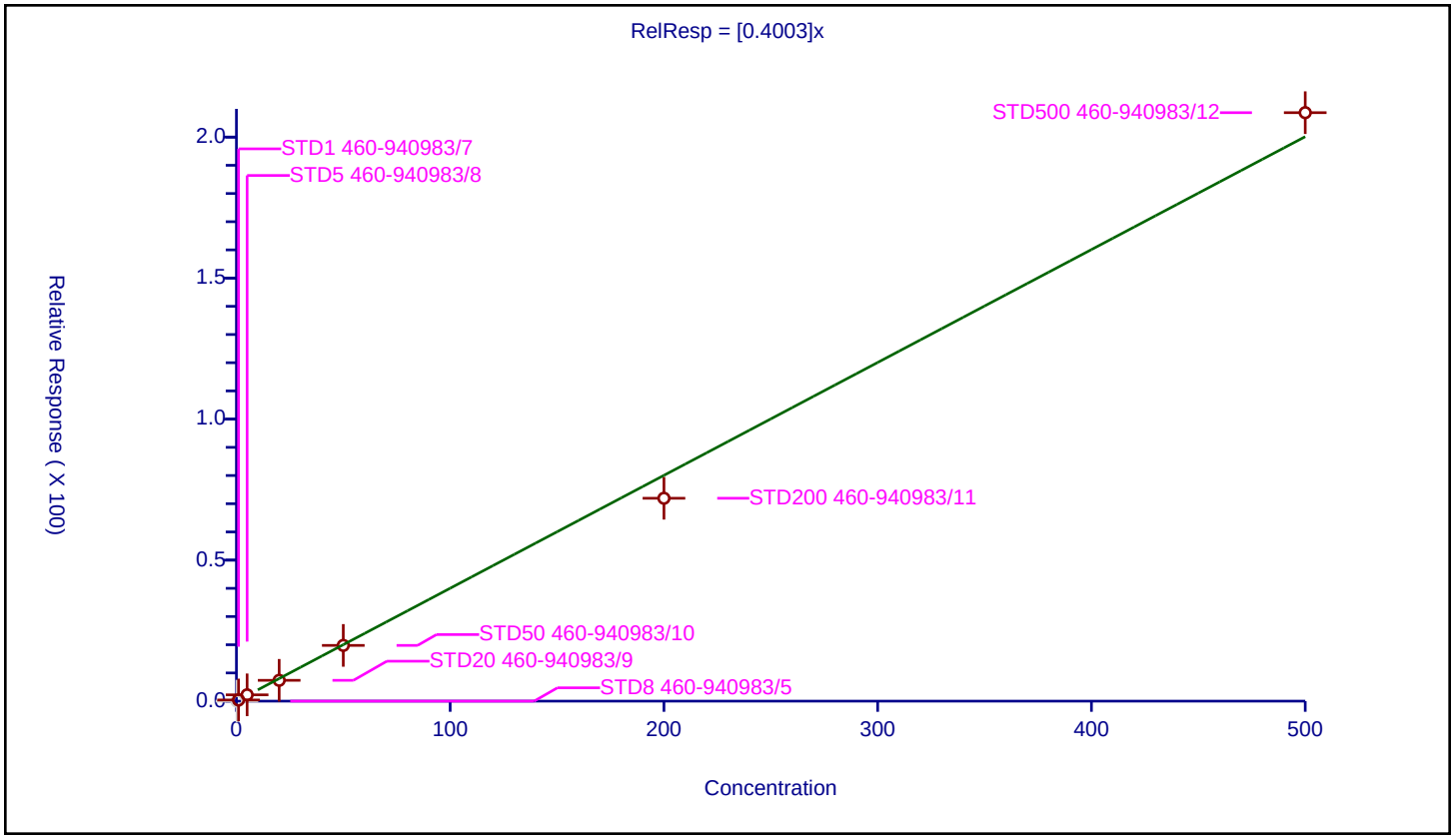
Curve Coefficients

Intercept:	0
Slope:	0.4003

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	8.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.41331	50.0	562411.0	0.41331	Y
3	STD5 460-940983/8	5.0	2.234654	50.0	576577.0	0.446931	Y
4	STD20 460-940983/9	20.0	7.384593	50.0	598469.0	0.36923	Y
5	STD50 460-940983/10	50.0	19.764014	50.0	628301.0	0.39528	Y
6	STD200 460-940983/11	200.0	71.93636	50.0	653365.0	0.359682	Y
7	STD500 460-940983/12	500.0	208.659609	50.0	707480.0	0.417319	Y



11/10/2023
2:16 PM

Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

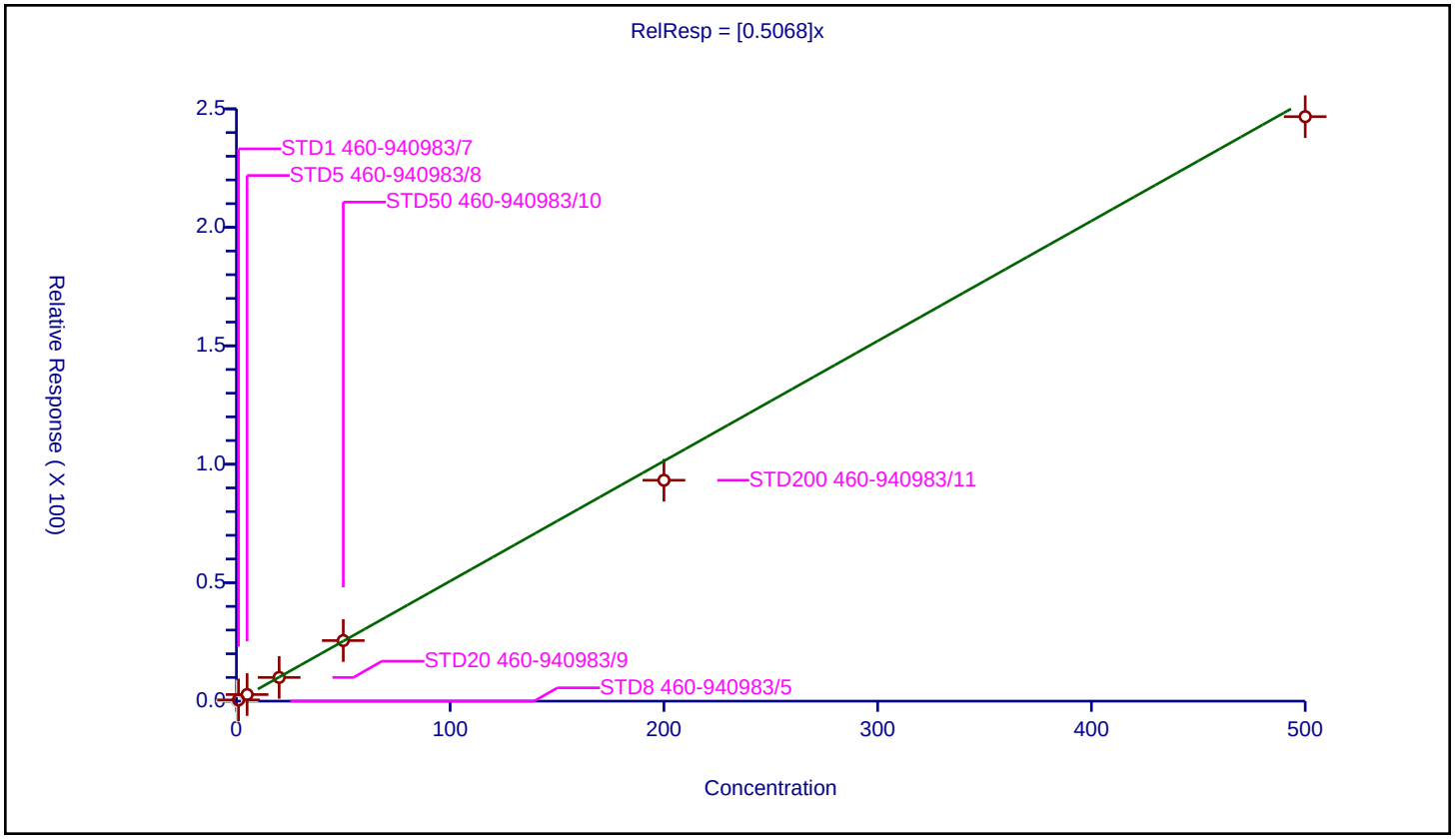
Curve Coefficients

Intercept:	0
Slope:	0.5068

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.512881	50.0	562411.0	0.512881	Y
3	STD5 460-940983/8	5.0	2.782456	50.0	576577.0	0.556491	Y
4	STD20 460-940983/9	20.0	10.003024	50.0	598469.0	0.500151	Y
5	STD50 460-940983/10	50.0	25.567602	50.0	628301.0	0.511352	Y
6	STD200 460-940983/11	200.0	93.245659	50.0	653365.0	0.466228	Y
7	STD500 460-940983/12	500.0	246.721179	50.0	707480.0	0.493442	Y



11/10/2023
2:16 PM

Calibration / Butadiene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

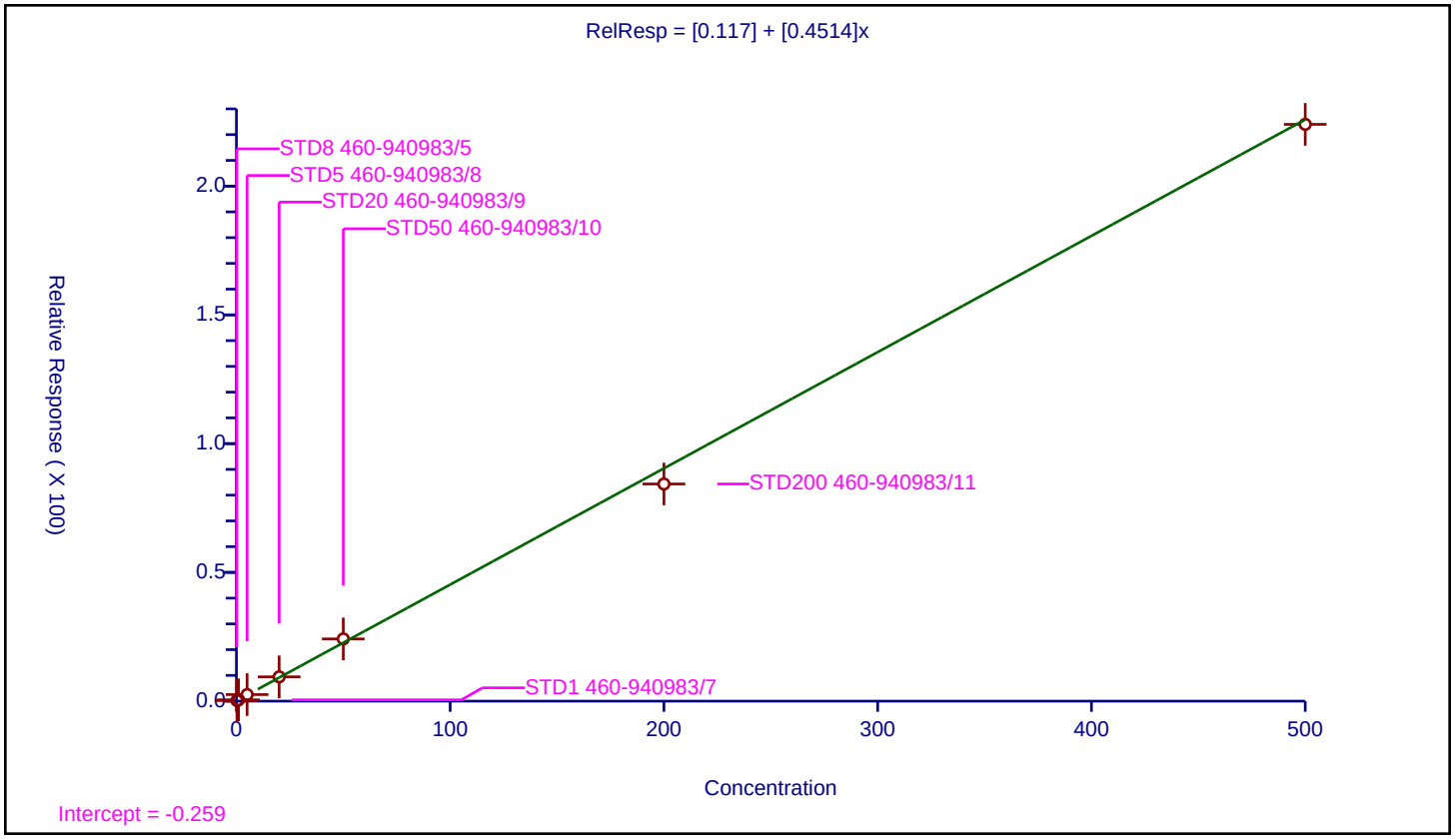
Curve Coefficients

Intercept:	0.117
Slope:	0.4514

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.232914	50.0	510919.0	0.931655	Y
2	STD1 460-940983/7	1.0	0.511637	50.0	562411.0	0.511637	Y
3	STD5 460-940983/8	5.0	2.546494	50.0	576577.0	0.509299	Y
4	STD20 460-940983/9	20.0	9.437331	50.0	598469.0	0.471867	Y
5	STD50 460-940983/10	50.0	24.168193	50.0	628301.0	0.483364	Y
6	STD200 460-940983/11	200.0	84.339382	50.0	653365.0	0.421697	Y
7	STD500 460-940983/12	500.0	223.989936	50.0	707480.0	0.44798	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

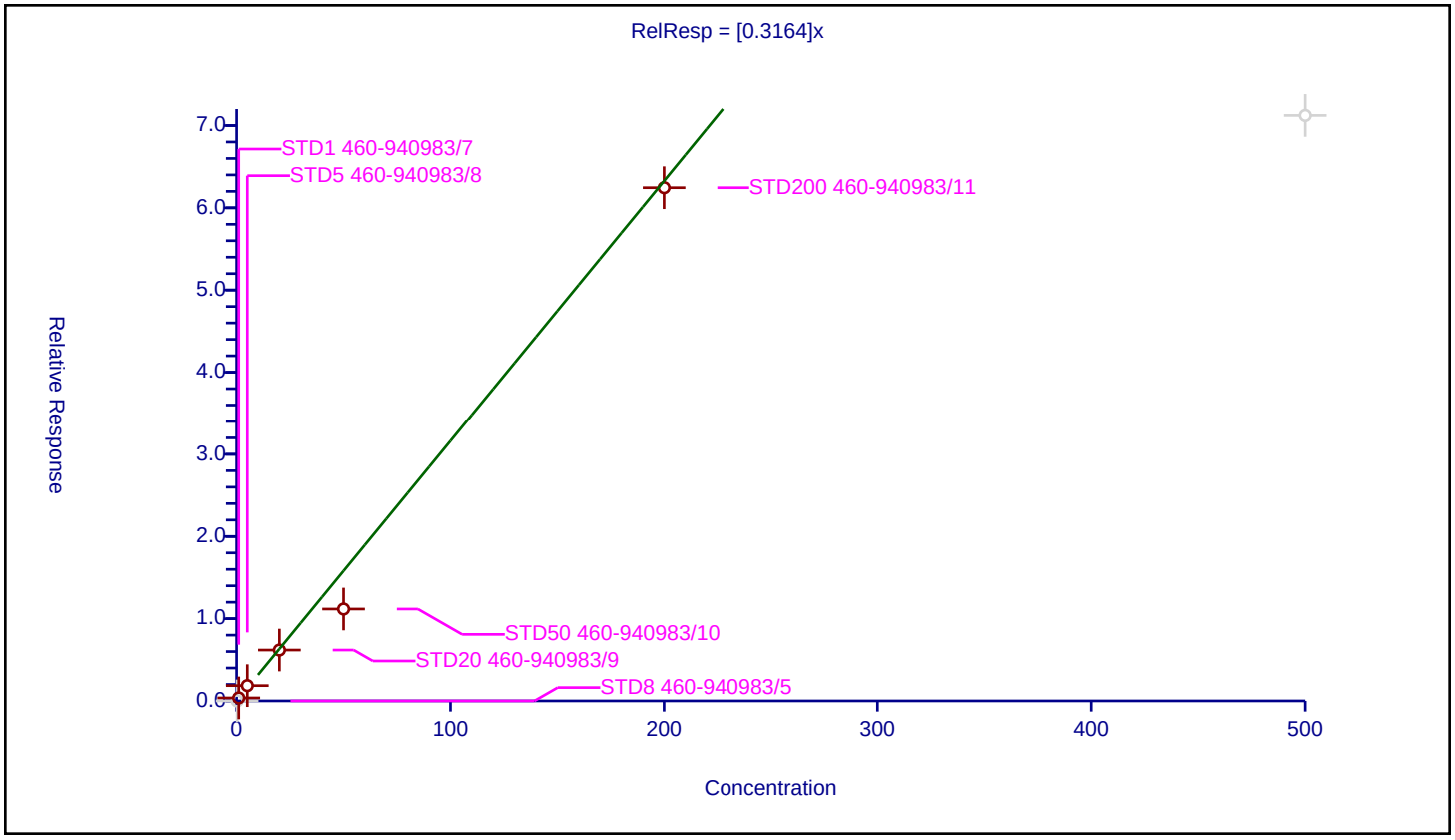
Curve Coefficients

Intercept:	0
Slope:	0.3164

Error Coefficients

Standard Error:	416000
Relative Standard Error:	18.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.365213	50.0	562411.0	0.365213	Y
3	STD5 460-940983/8	5.0	1.857167	50.0	576577.0	0.371433	Y
4	STD20 460-940983/9	20.0	6.186703	50.0	598469.0	0.309335	Y
5	STD50 460-940983/10	50.0	11.177127	50.0	628301.0	0.223543	Y
6	STD200 460-940983/11	200.0	62.445876	50.0	653365.0	0.312229	Y
7	STD500 460-940983/12	500.0	71.225971	50.0	707480.0	0.142452	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

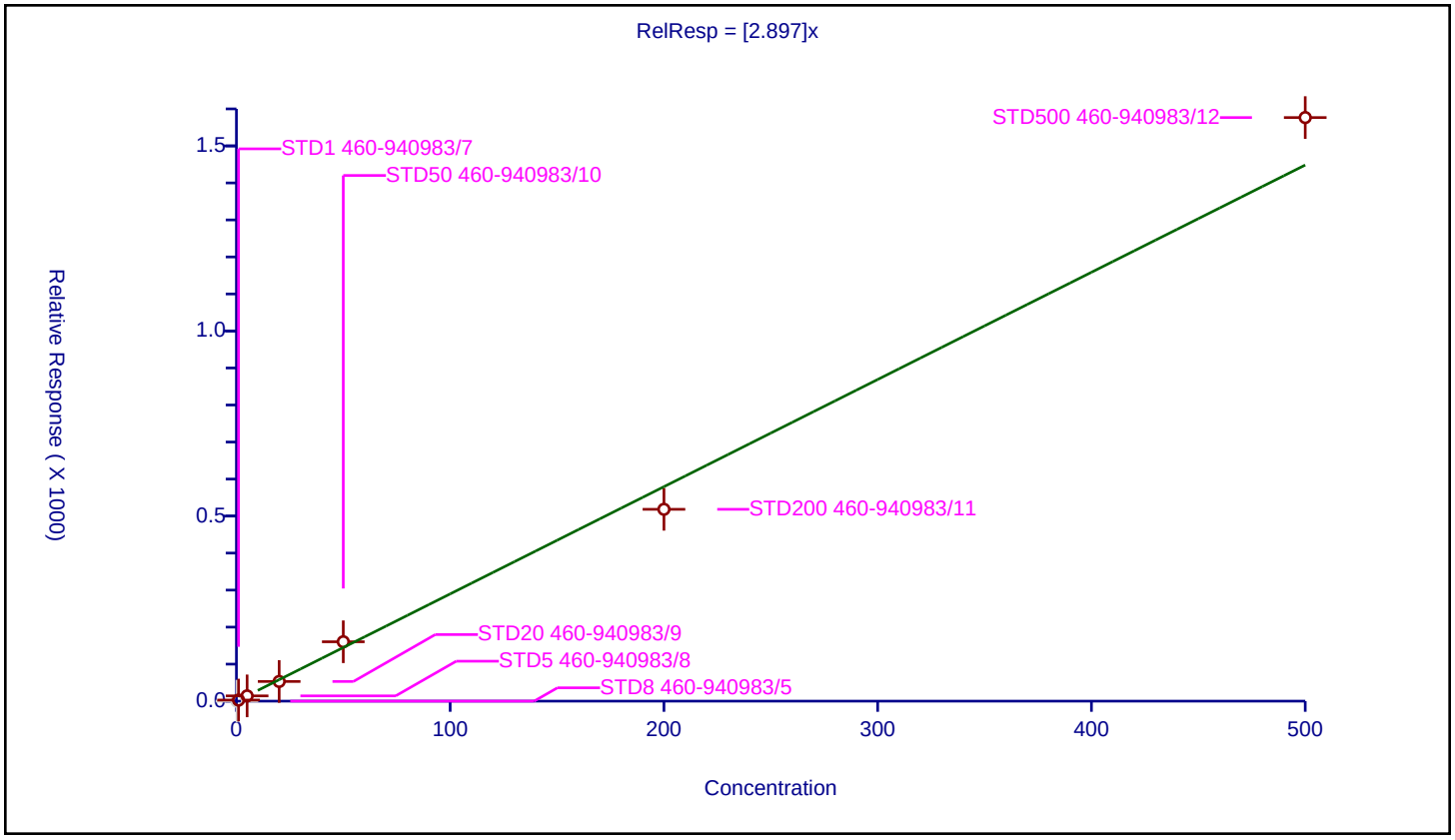
Curve Coefficients

Intercept:	0
Slope:	2.897

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	8.7
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	250.0	230633.0	0.0	N
2	STD1 460-940983/7	1.0	2.933286	250.0	244521.0	2.933286	Y
3	STD5 460-940983/8	5.0	14.176503	250.0	259849.0	2.835301	Y
4	STD20 460-940983/9	20.0	53.155753	250.0	278634.0	2.657788	Y
5	STD50 460-940983/10	50.0	160.44766	250.0	294353.0	3.208953	Y
6	STD200 460-940983/11	200.0	518.238823	250.0	318236.0	2.591194	Y
7	STD500 460-940983/12	500.0	1576.52999	250.0	368826.0	3.15306	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

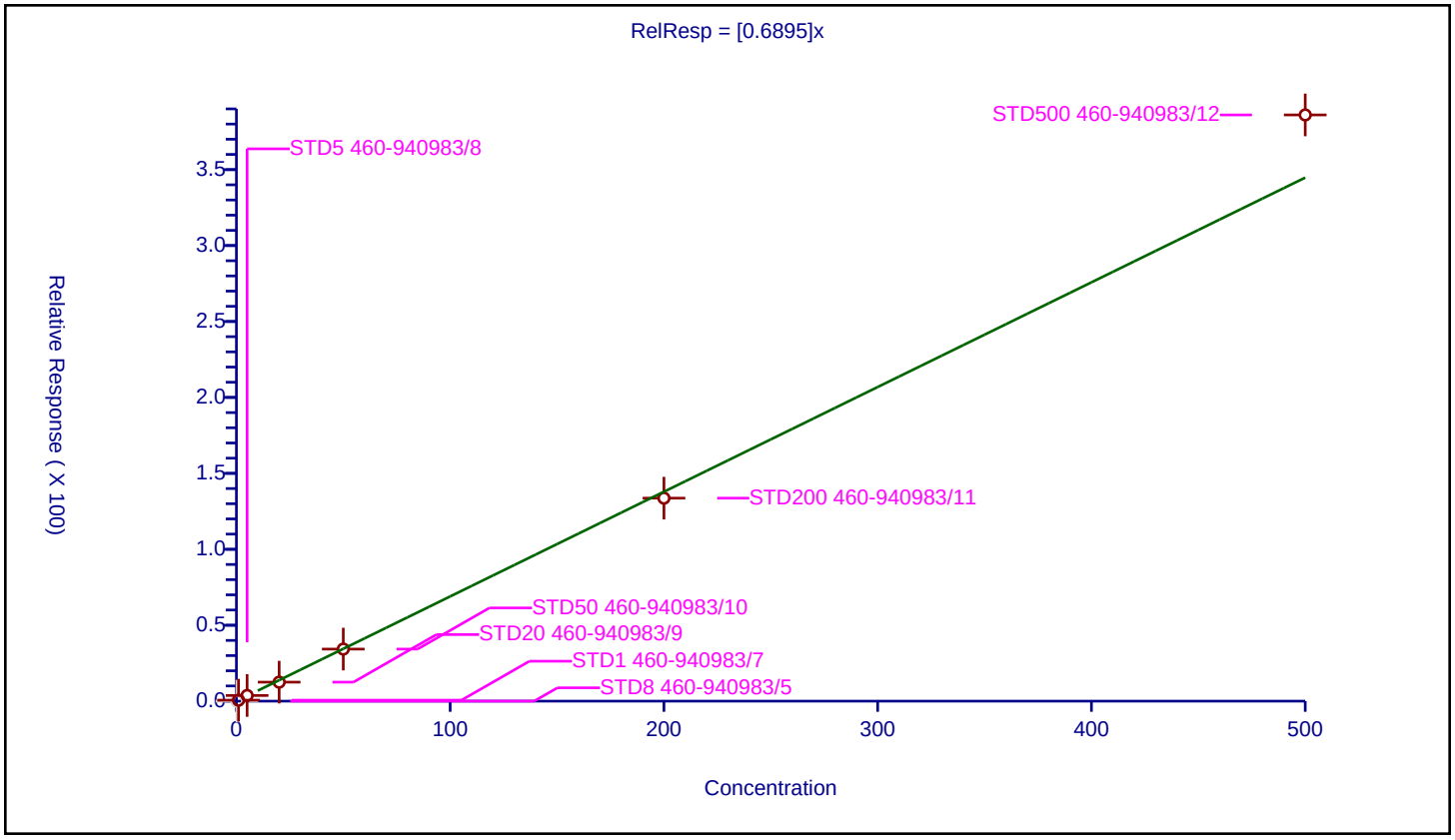
Curve Coefficients

Intercept:	0
Slope:	0.6895

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.640457	50.0	562411.0	0.640457	Y
3	STD5 460-940983/8	5.0	3.724741	50.0	576577.0	0.744948	Y
4	STD20 460-940983/9	20.0	12.508083	50.0	598469.0	0.625404	Y
5	STD50 460-940983/10	50.0	34.280862	50.0	628301.0	0.685617	Y
6	STD200 460-940983/11	200.0	133.666634	50.0	653365.0	0.668333	Y
7	STD500 460-940983/12	500.0	386.015506	50.0	707480.0	0.772031	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

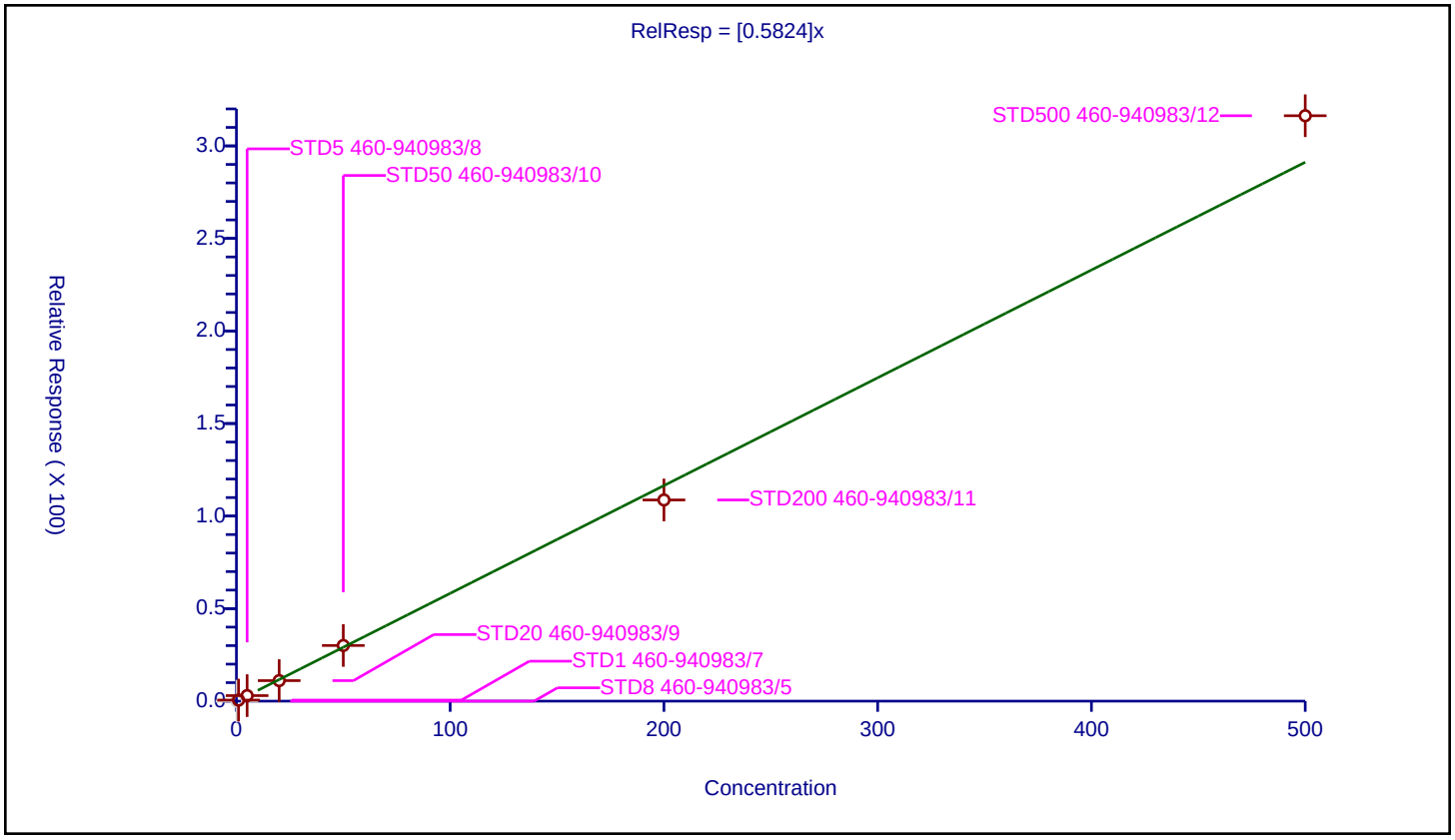
Curve Coefficients

Intercept:	0
Slope:	0.5824

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	5.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.565423	50.0	562411.0	0.565423	Y
3	STD5 460-940983/8	5.0	2.983123	50.0	576577.0	0.596625	Y
4	STD20 460-940983/9	20.0	11.094727	50.0	598469.0	0.554736	Y
5	STD50 460-940983/10	50.0	30.064332	50.0	628301.0	0.601287	Y
6	STD200 460-940983/11	200.0	108.705165	50.0	653365.0	0.543526	Y
7	STD500 460-940983/12	500.0	316.308023	50.0	707480.0	0.632616	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

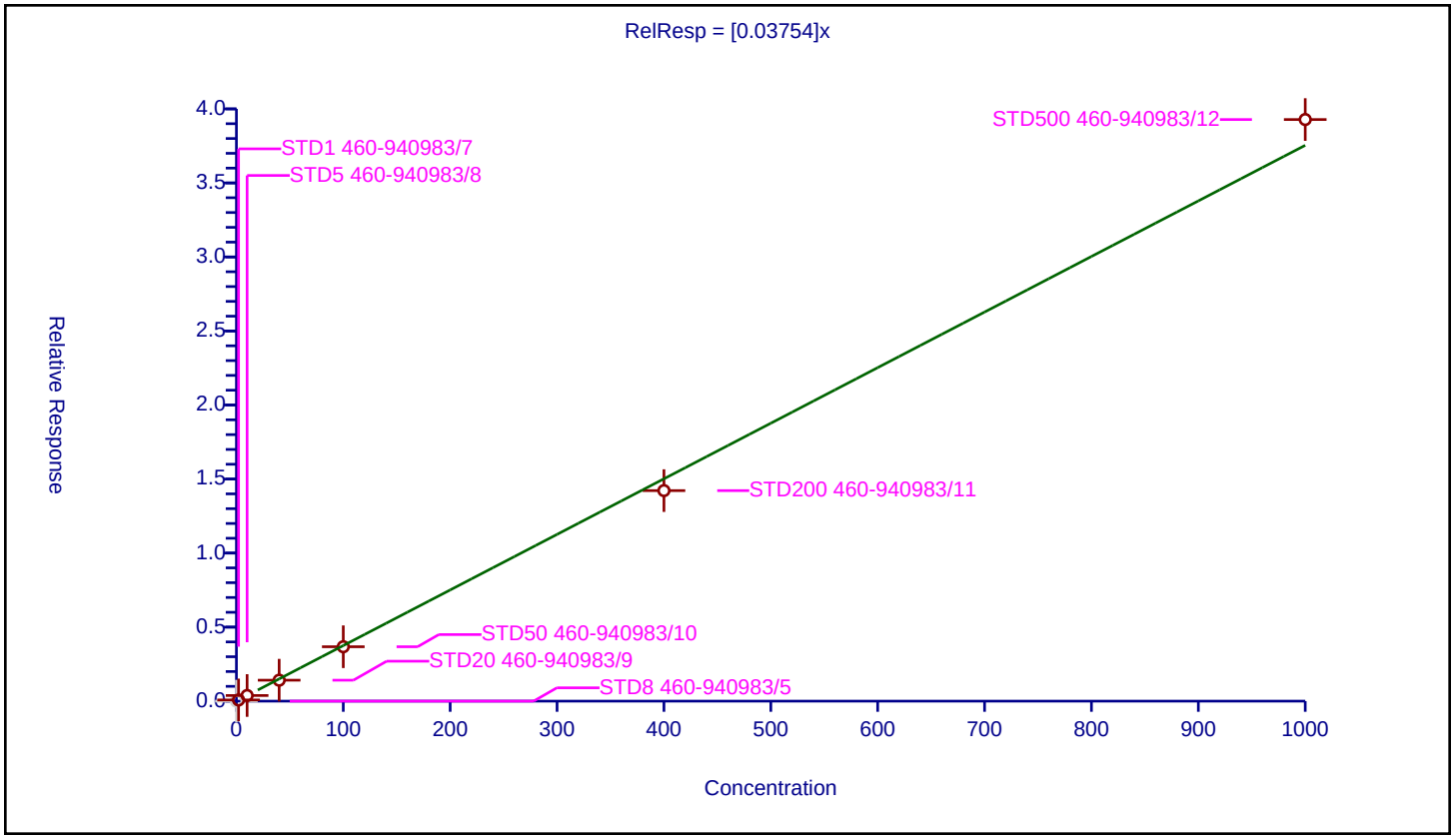
Curve Coefficients

Intercept:	0
Slope:	0.03754

Error Coefficients

Standard Error:	263000
Relative Standard Error:	5.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.080546	50.0	562411.0	0.040273	Y
3	STD5 460-940983/8	10.0	0.380348	50.0	576577.0	0.038035	Y
4	STD20 460-940983/9	40.0	1.414192	50.0	598469.0	0.035355	Y
5	STD50 460-940983/10	100.0	3.67499	50.0	628301.0	0.03675	Y
6	STD200 460-940983/11	400.0	14.218163	50.0	653365.0	0.035545	Y
7	STD500 460-940983/12	1000.0	39.280333	50.0	707480.0	0.03928	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

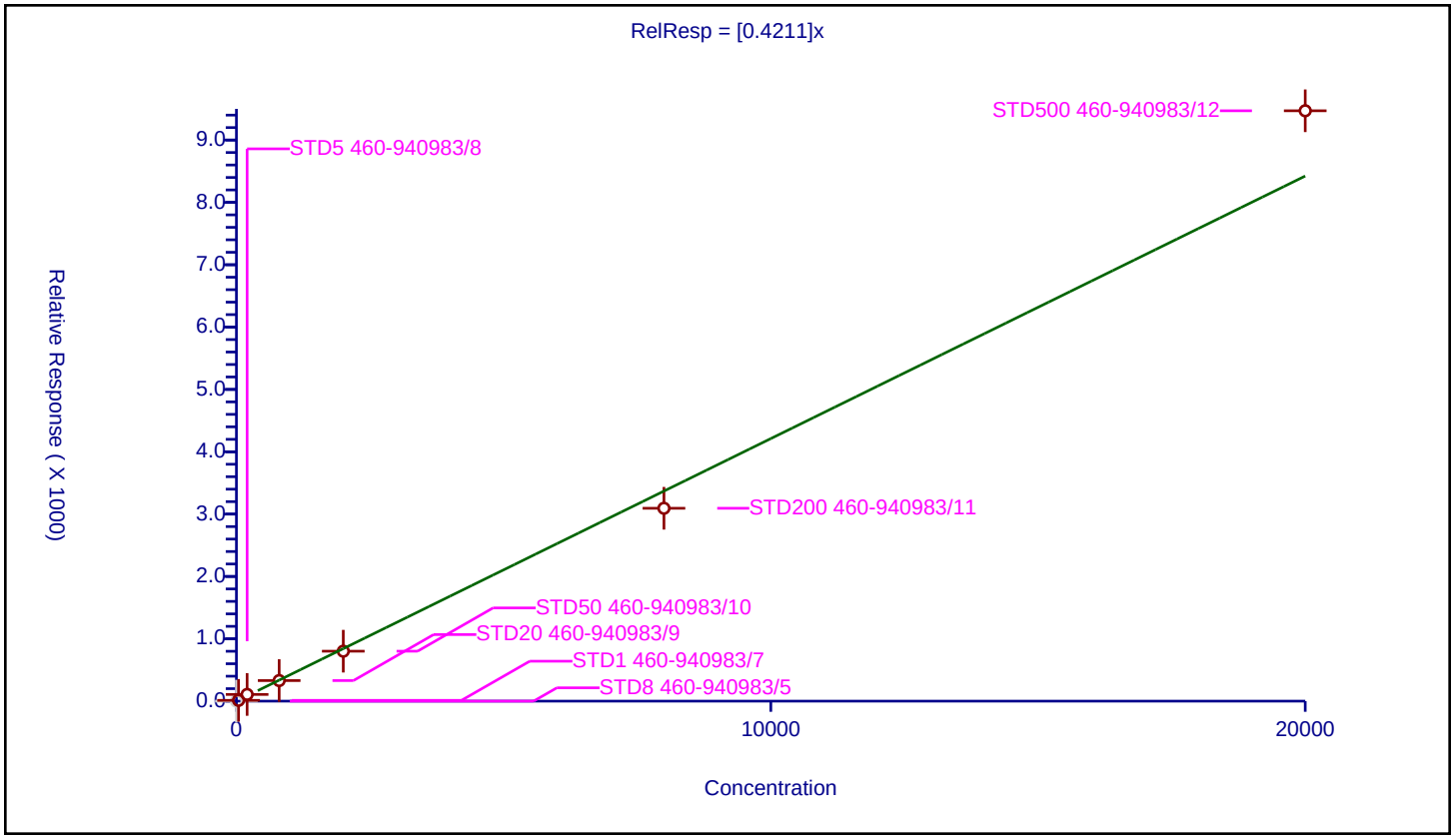
Curve Coefficients

Intercept:	0
Slope:	0.4211

Error Coefficients

Standard Error:	194000
Relative Standard Error:	18.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	40.0	12.611425	1000.0	34889.0	0.315286	Y
3	STD5 460-940983/8	200.0	107.58751	1000.0	34939.0	0.537938	Y
4	STD20 460-940983/9	800.0	330.177876	1000.0	39297.0	0.412722	Y
5	STD50 460-940983/10	2000.0	801.339893	1000.0	40451.0	0.40067	Y
6	STD200 460-940983/11	8000.0	3093.892101	1000.0	43763.0	0.386737	Y
7	STD500 460-940983/12	20000.0	9469.867027	1000.0	44370.0	0.473493	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

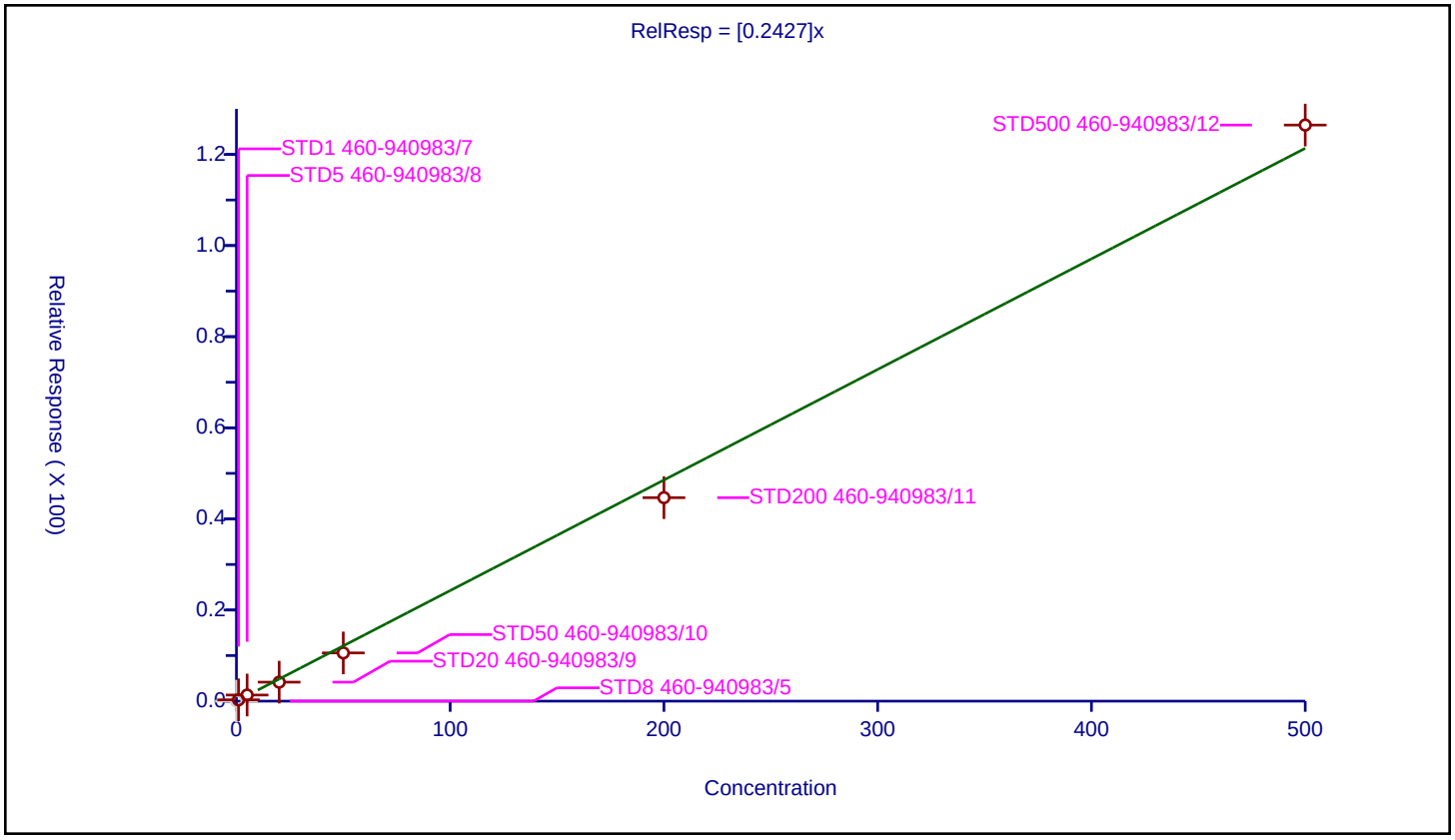
Curve Coefficients

Intercept:	0
Slope:	0.2427

Error Coefficients

Standard Error:	844000
Relative Standard Error:	13.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.291246	50.0	562411.0	0.291246	Y
3	STD5 460-940983/8	5.0	1.342145	50.0	576577.0	0.268429	Y
4	STD20 460-940983/9	20.0	4.17248	50.0	598469.0	0.208624	Y
5	STD50 460-940983/10	50.0	10.583303	50.0	628301.0	0.211666	Y
6	STD200 460-940983/11	200.0	44.661789	50.0	653365.0	0.223309	Y
7	STD500 460-940983/12	500.0	126.452267	50.0	707480.0	0.252905	Y



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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

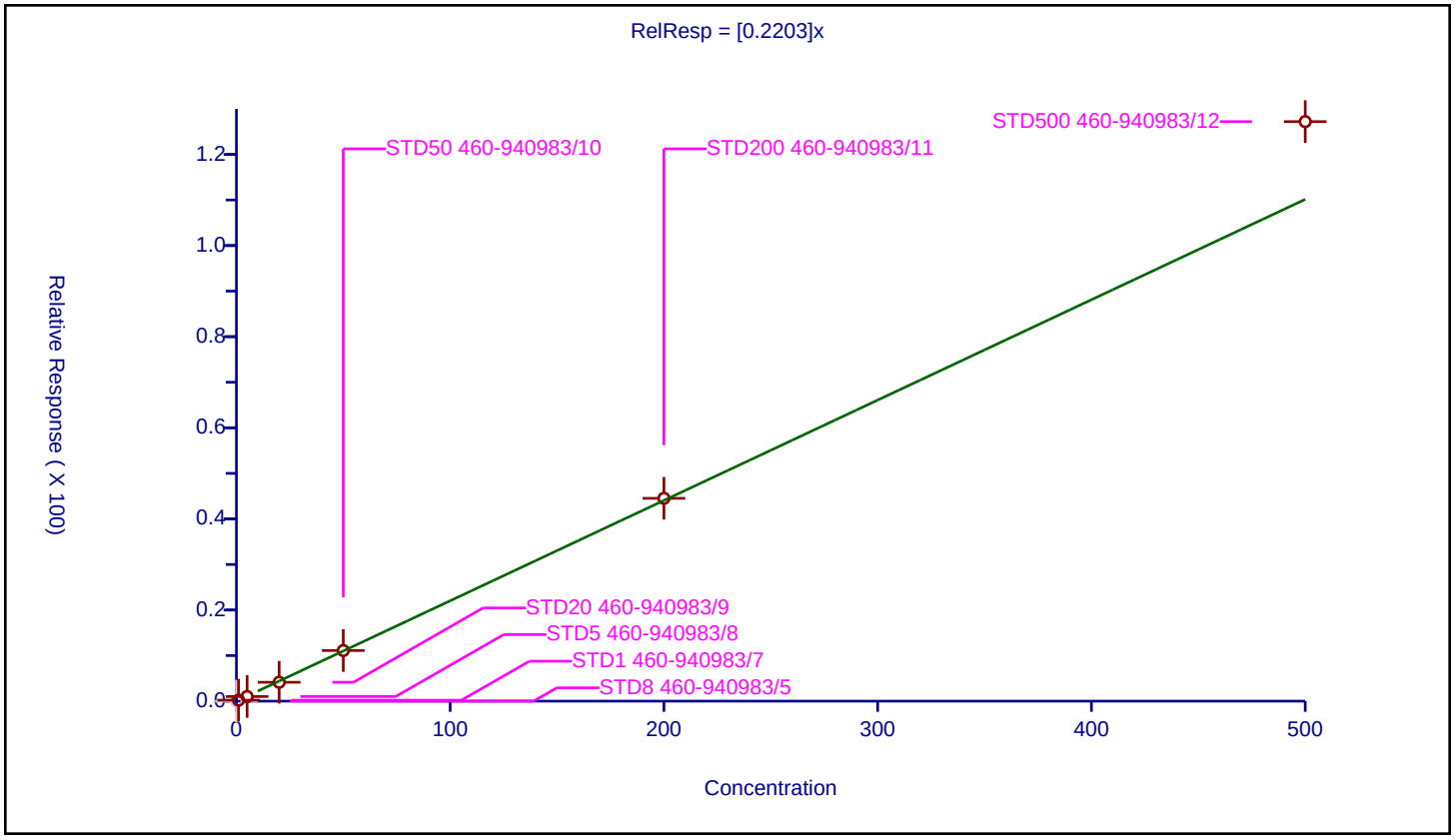
Curve Coefficients

Intercept:	0
Slope:	0.2203

Error Coefficients

Standard Error:	848000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.212923	50.0	562411.0	0.212923	Y
3	STD5 460-940983/8	5.0	1.011573	50.0	576577.0	0.202315	Y
4	STD20 460-940983/9	20.0	4.143907	50.0	598469.0	0.207195	Y
5	STD50 460-940983/10	50.0	11.110757	50.0	628301.0	0.222215	Y
6	STD200 460-940983/11	200.0	44.518531	50.0	653365.0	0.222593	Y
7	STD500 460-940983/12	500.0	127.205292	50.0	707480.0	0.254411	Y



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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

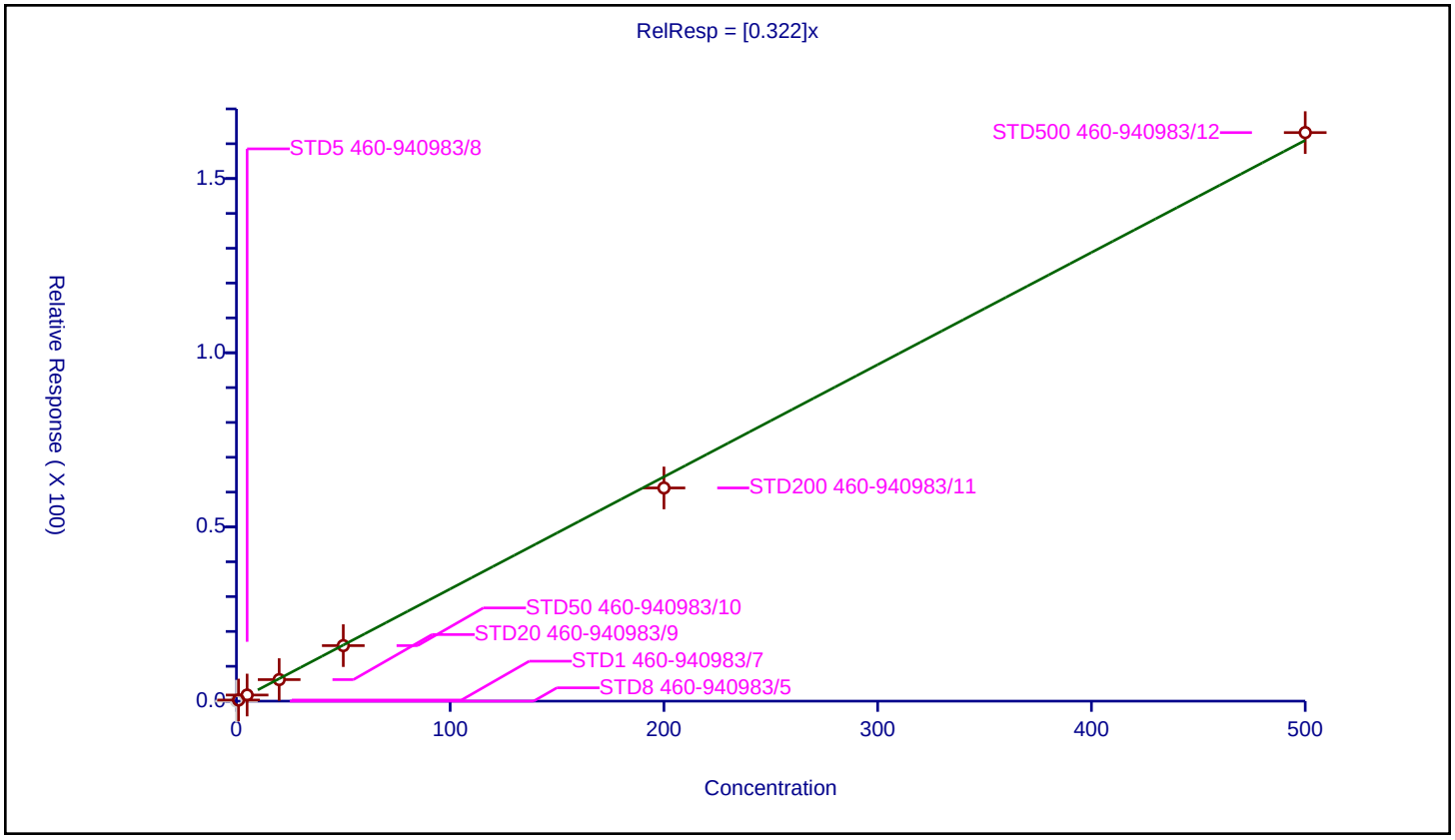
Curve Coefficients

Intercept:	0
Slope:	0.322

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.320051	50.0	562411.0	0.320051	Y
3	STD5 460-940983/8	5.0	1.75666	50.0	576577.0	0.351332	Y
4	STD20 460-940983/9	20.0	6.184447	50.0	598469.0	0.309222	Y
5	STD50 460-940983/10	50.0	15.938062	50.0	628301.0	0.318761	Y
6	STD200 460-940983/11	200.0	61.193207	50.0	653365.0	0.305966	Y
7	STD500 460-940983/12	500.0	163.198536	50.0	707480.0	0.326397	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

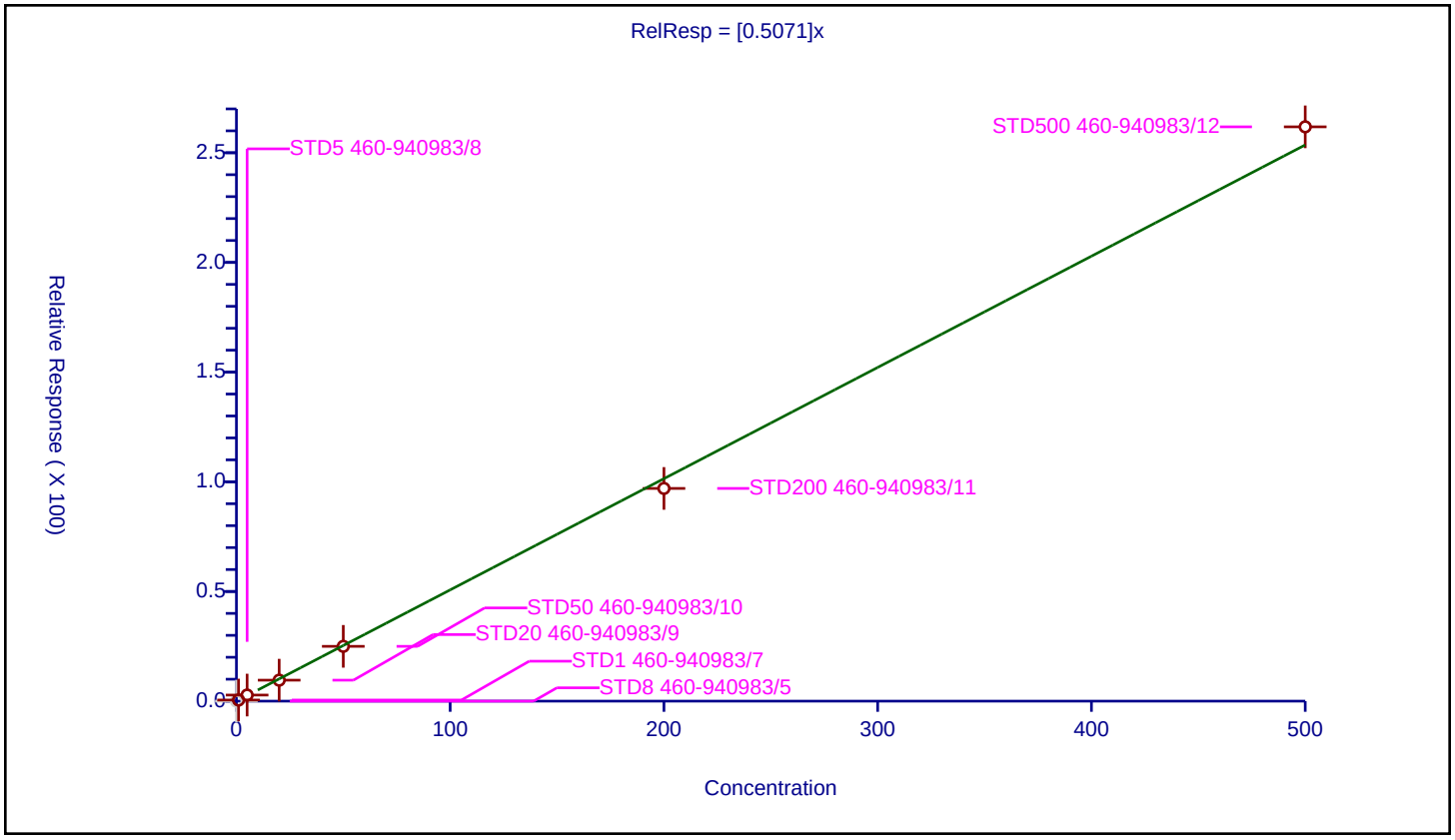
Curve Coefficients

Intercept:	0
Slope:	0.5071

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.501146	50.0	562411.0	0.501146	Y
3	STD5 460-940983/8	5.0	2.777426	50.0	576577.0	0.555485	Y
4	STD20 460-940983/9	20.0	9.559727	50.0	598469.0	0.477986	Y
5	STD50 460-940983/10	50.0	24.981179	50.0	628301.0	0.499624	Y
6	STD200 460-940983/11	200.0	96.97206	50.0	653365.0	0.48486	Y
7	STD500 460-940983/12	500.0	261.821677	50.0	707480.0	0.523643	Y



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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

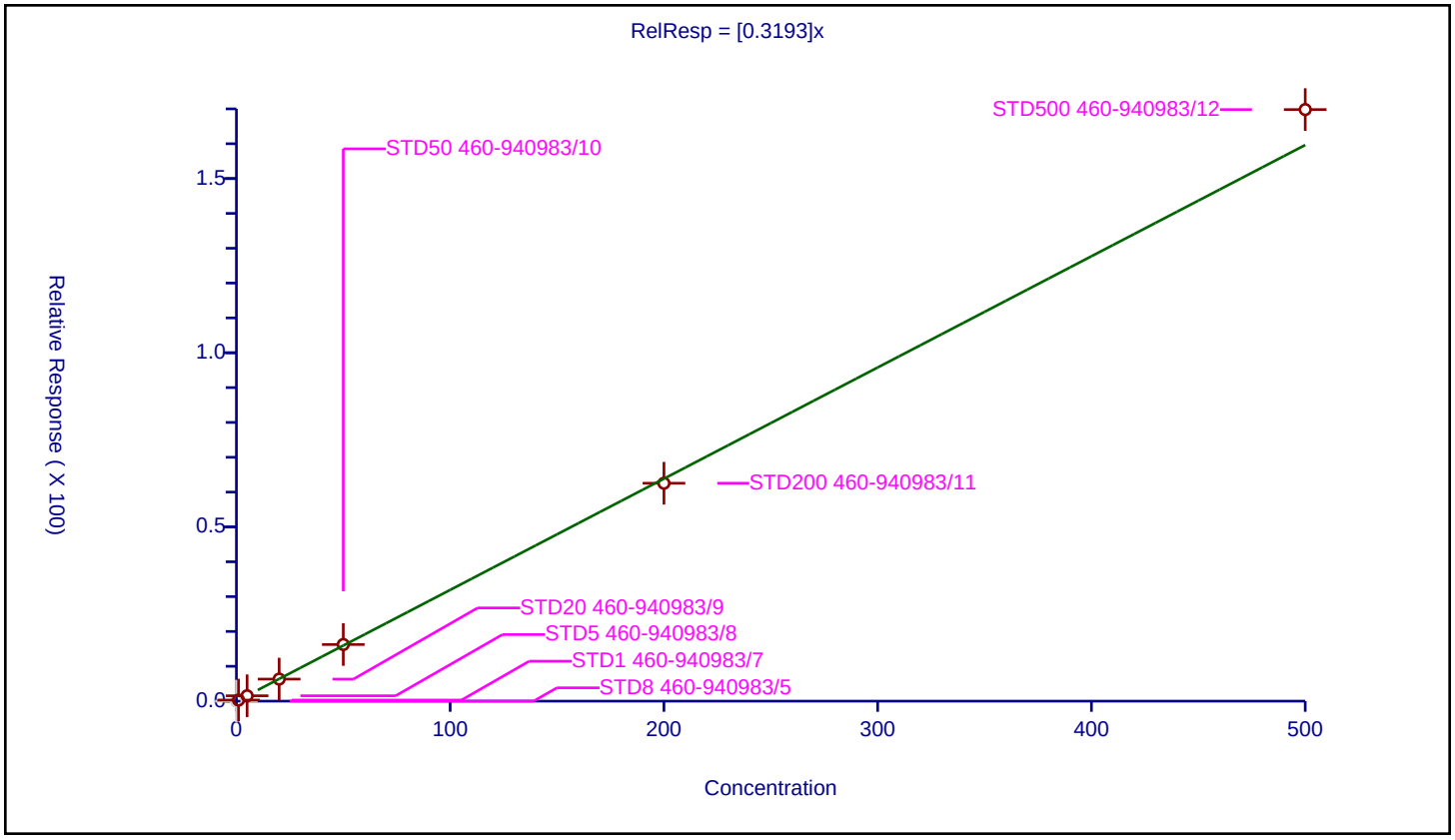
Curve Coefficients

Intercept:	0
Slope:	0.3193

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.312938	50.0	562411.0	0.312938	Y
3	STD5 460-940983/8	5.0	1.543159	50.0	576577.0	0.308632	Y
4	STD20 460-940983/9	20.0	6.328983	50.0	598469.0	0.316449	Y
5	STD50 460-940983/10	50.0	16.257813	50.0	628301.0	0.325156	Y
6	STD200 460-940983/11	200.0	62.549494	50.0	653365.0	0.312747	Y
7	STD500 460-940983/12	500.0	169.797733	50.0	707480.0	0.339595	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

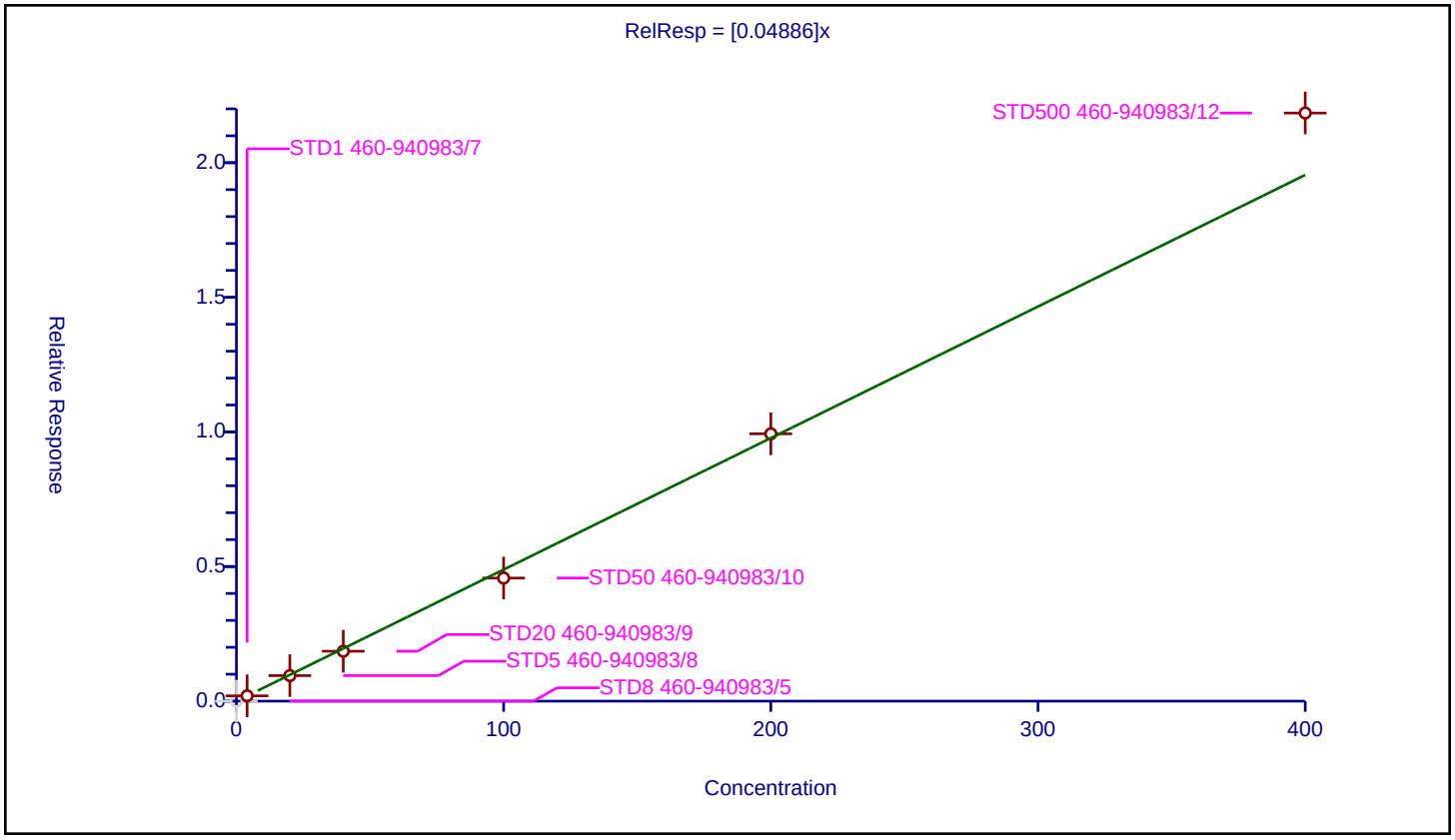
Curve Coefficients

Intercept:	0
Slope:	0.04886

Error Coefficients

Standard Error:	153000
Relative Standard Error:	6.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	4.0	0.19772	50.0	562411.0	0.04943	Y
3	STD5 460-940983/8	20.0	0.947922	50.0	576577.0	0.047396	Y
4	STD20 460-940983/9	40.0	1.854231	50.0	598469.0	0.046356	Y
5	STD50 460-940983/10	100.0	4.572251	50.0	628301.0	0.045723	Y
6	STD200 460-940983/11	200.0	9.930973	50.0	653365.0	0.049655	Y
7	STD500 460-940983/12	400.0	21.845918	50.0	707480.0	0.054615	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

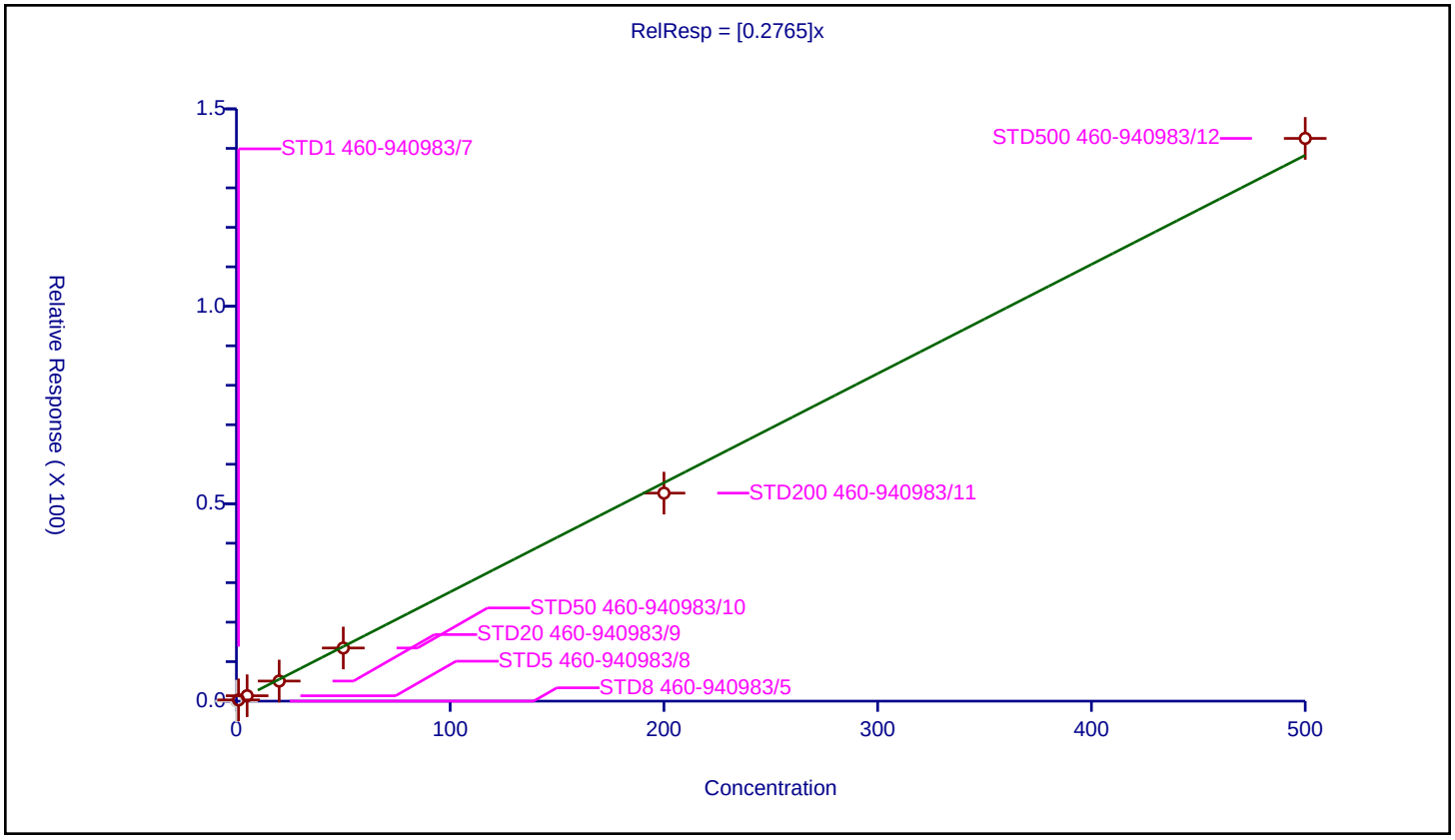
Curve Coefficients

Intercept:	0
Slope:	0.2765

Error Coefficients

Standard Error:	956000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.313739	50.0	562411.0	0.313739	Y
3	STD5 460-940983/8	5.0	1.365819	50.0	576577.0	0.273164	Y
4	STD20 460-940983/9	20.0	5.091826	50.0	598469.0	0.254591	Y
5	STD50 460-940983/10	50.0	13.458756	50.0	628301.0	0.269175	Y
6	STD200 460-940983/11	200.0	52.689691	50.0	653365.0	0.263448	Y
7	STD500 460-940983/12	500.0	142.524736	50.0	707480.0	0.285049	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

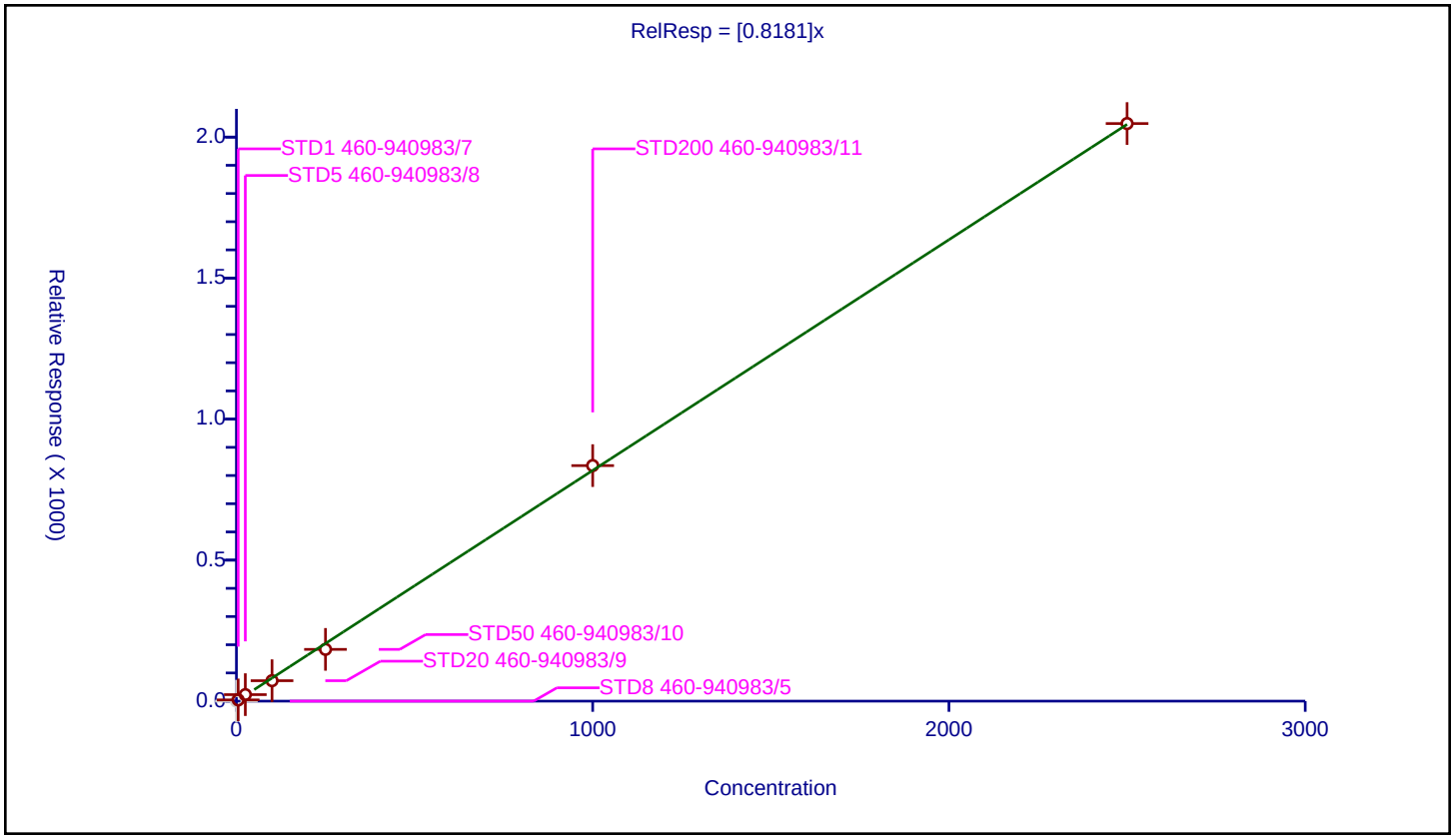
Curve Coefficients

Intercept:	0
Slope:	0.8181

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	4.353409	250.0	244521.0	0.870682	Y
3	STD5 460-940983/8	25.0	23.100916	250.0	259849.0	0.924037	Y
4	STD20 460-940983/9	100.0	72.518968	250.0	278634.0	0.72519	Y
5	STD50 460-940983/10	250.0	183.530489	250.0	294353.0	0.734122	Y
6	STD200 460-940983/11	1000.0	835.199349	250.0	318236.0	0.835199	Y
7	STD500 460-940983/12	2500.0	2048.024	250.0	368826.0	0.81921	Y



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Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

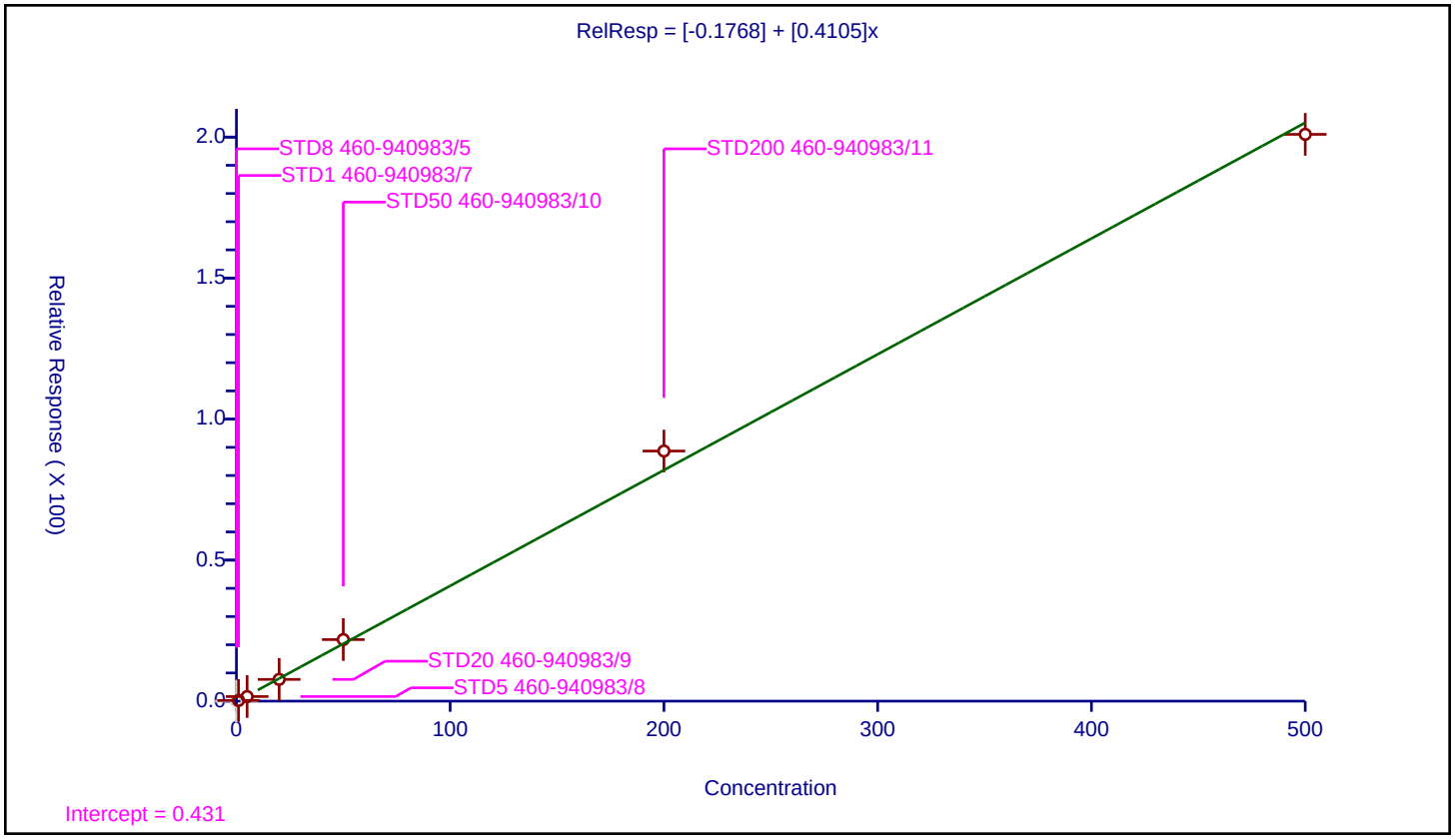
Curve Coefficients

Intercept:	-0.1768
Slope:	0.4105

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.243594	50.0	562411.0	0.243594	Y
3	STD5 460-940983/8	5.0	1.632046	50.0	576577.0	0.326409	Y
4	STD20 460-940983/9	20.0	7.710842	50.0	598469.0	0.385542	Y
5	STD50 460-940983/10	50.0	21.829664	50.0	628301.0	0.436593	Y
6	STD200 460-940983/11	200.0	88.68611	50.0	653365.0	0.443431	Y
7	STD500 460-940983/12	500.0	200.975646	50.0	707480.0	0.401951	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

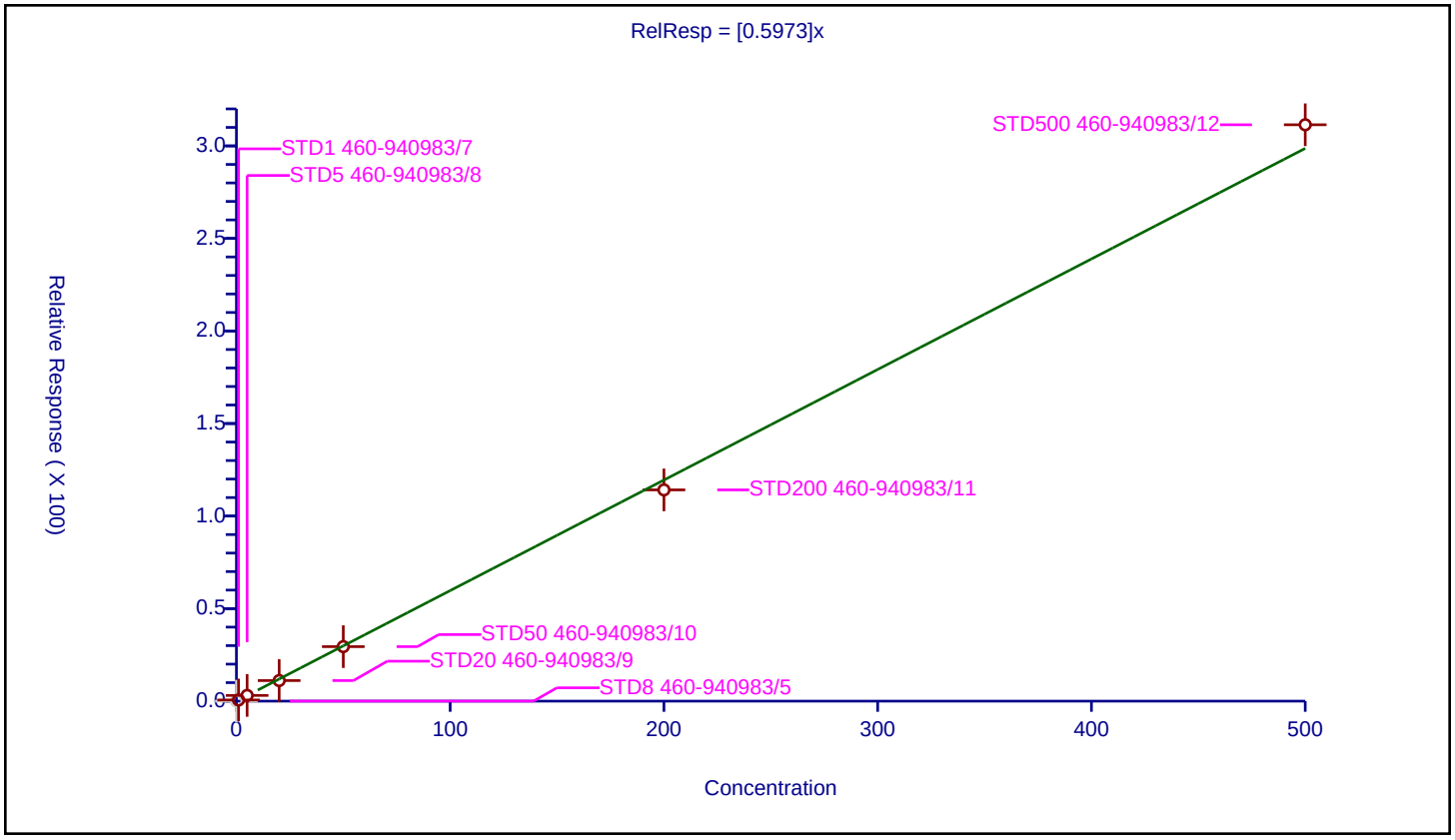
Curve Coefficients

Intercept:	0
Slope:	0.5973

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.62721	50.0	562411.0	0.62721	Y
3	STD5 460-940983/8	5.0	3.091434	50.0	576577.0	0.618287	Y
4	STD20 460-940983/9	20.0	11.116365	50.0	598469.0	0.555818	Y
5	STD50 460-940983/10	50.0	29.452126	50.0	628301.0	0.589043	Y
6	STD200 460-940983/11	200.0	114.13934	50.0	653365.0	0.570697	Y
7	STD500 460-940983/12	500.0	311.420535	50.0	707480.0	0.622841	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

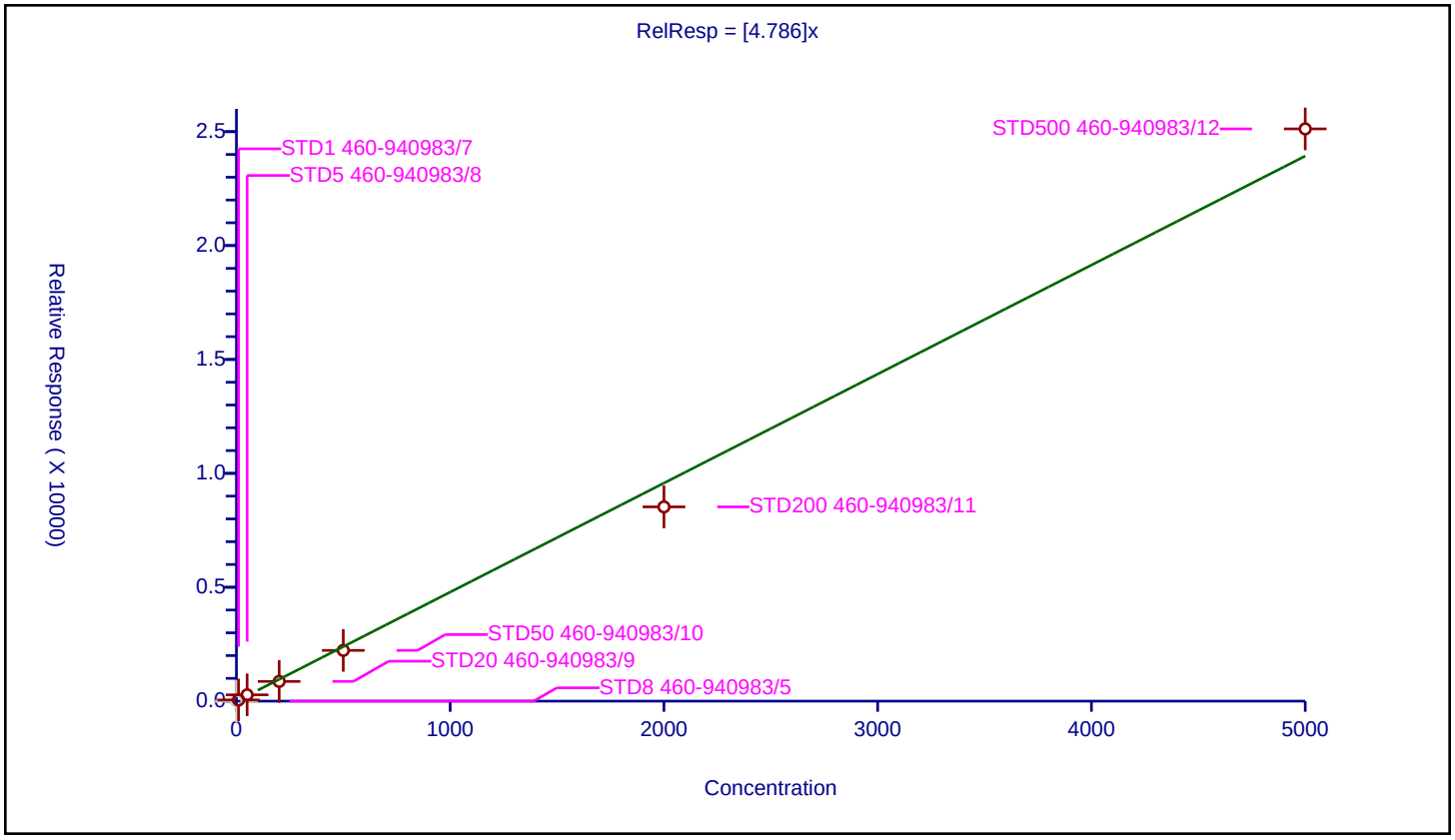
Curve Coefficients

Intercept:	0
Slope:	4.786

Error Coefficients

Standard Error:	516000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	10.0	51.133595	1000.0	34889.0	5.11336	Y
3	STD5 460-940983/8	50.0	276.367383	1000.0	34939.0	5.527348	Y
4	STD20 460-940983/9	200.0	866.325674	1000.0	39297.0	4.331628	Y
5	STD50 460-940983/10	500.0	2227.855924	1000.0	40451.0	4.455712	Y
6	STD200 460-940983/11	2000.0	8527.5004	1000.0	43763.0	4.26375	Y
7	STD500 460-940983/12	5000.0	25121.636241	1000.0	44370.0	5.024327	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

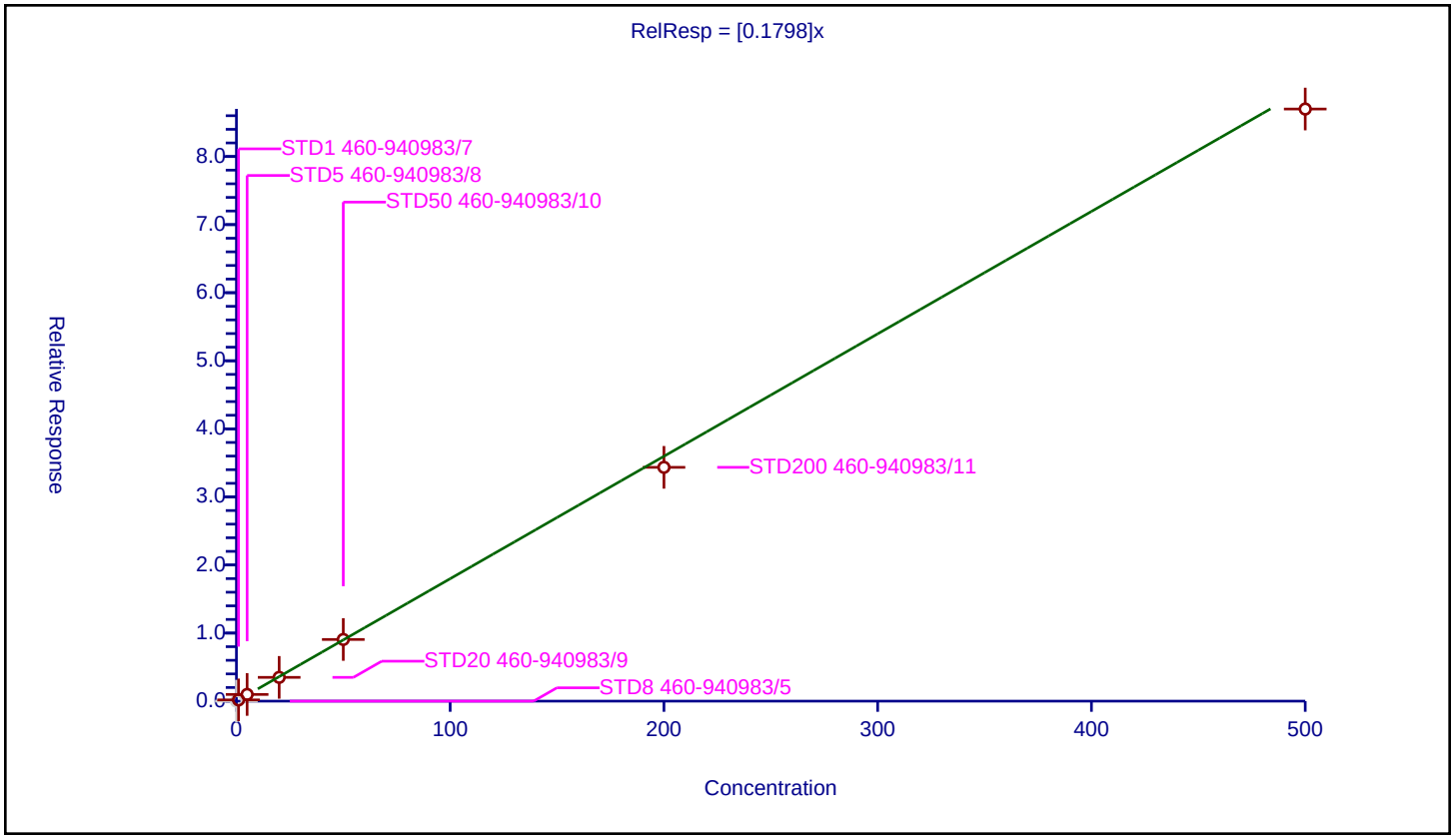
Curve Coefficients

Intercept:	0
Slope:	0.1798

Error Coefficients

Standard Error:	588000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.181006	50.0	562411.0	0.181006	Y
3	STD5 460-940983/8	5.0	0.98339	50.0	576577.0	0.196678	Y
4	STD20 460-940983/9	20.0	3.489989	50.0	598469.0	0.174499	Y
5	STD50 460-940983/10	50.0	9.060068	50.0	628301.0	0.181201	Y
6	STD200 460-940983/11	200.0	34.344662	50.0	653365.0	0.171723	Y
7	STD500 460-940983/12	500.0	86.978996	50.0	707480.0	0.173958	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

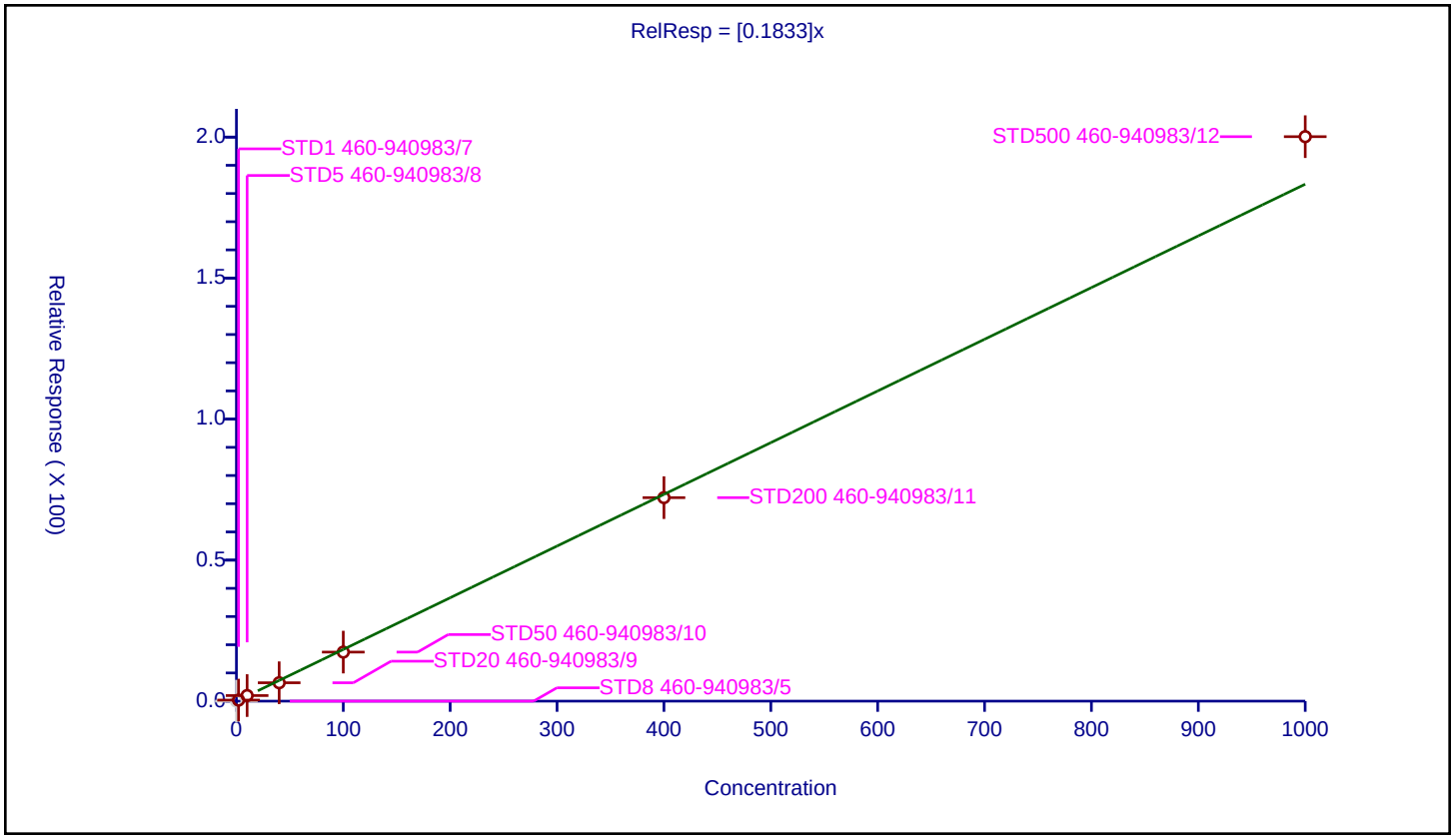
Curve Coefficients

Intercept:	0
Slope:	0.1833

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	7.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.368503	50.0	562411.0	0.184251	Y
3	STD5 460-940983/8	10.0	1.979788	50.0	576577.0	0.197979	Y
4	STD20 460-940983/9	40.0	6.525234	50.0	598469.0	0.163131	Y
5	STD50 460-940983/10	100.0	17.39055	50.0	628301.0	0.173906	Y
6	STD200 460-940983/11	400.0	72.159742	50.0	653365.0	0.180399	Y
7	STD500 460-940983/12	1000.0	200.150817	50.0	707480.0	0.200151	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

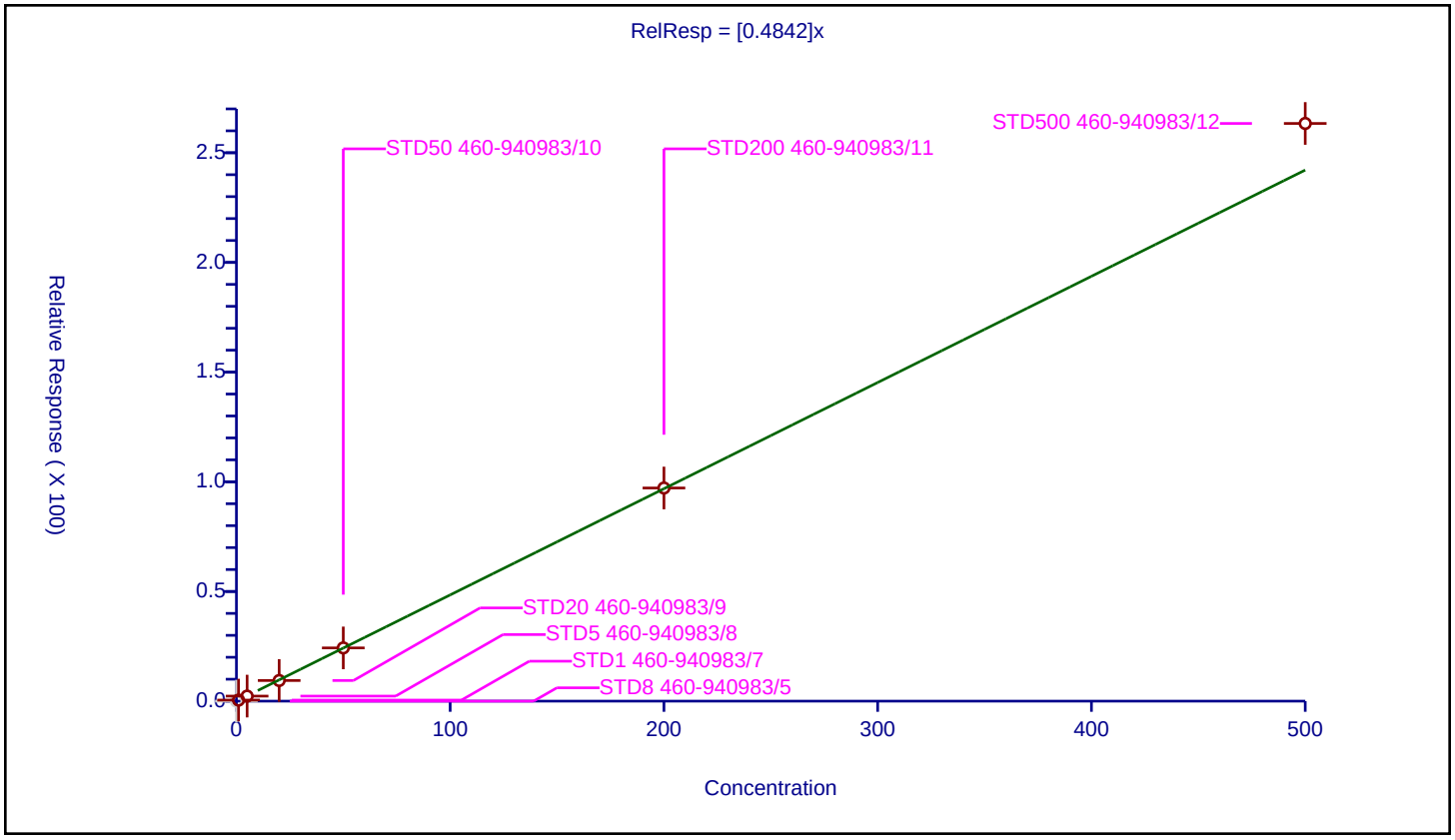
Curve Coefficients

Intercept:	0
Slope:	0.4842

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.476342	50.0	562411.0	0.476342	Y
3	STD5 460-940983/8	5.0	2.303075	50.0	576577.0	0.460615	Y
4	STD20 460-940983/9	20.0	9.407505	50.0	598469.0	0.470375	Y
5	STD50 460-940983/10	50.0	24.270135	50.0	628301.0	0.485403	Y
6	STD200 460-940983/11	200.0	97.167051	50.0	653365.0	0.485835	Y
7	STD500 460-940983/12	500.0	263.352462	50.0	707480.0	0.526705	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

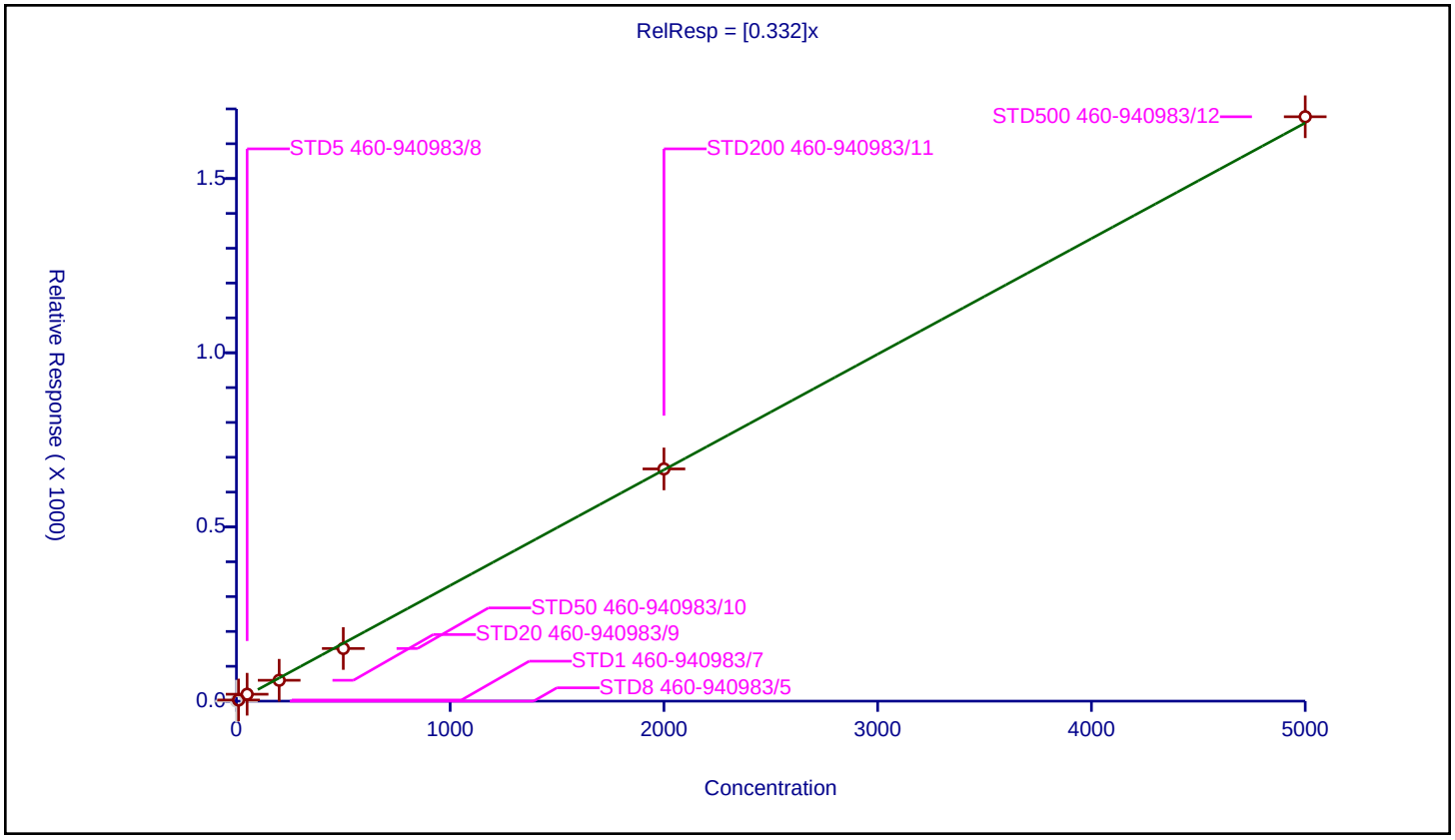
Curve Coefficients

Intercept:	0
Slope:	0.332

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	10.0	3.238986	250.0	244521.0	0.323899	Y
3	STD5 460-940983/8	50.0	19.875004	250.0	259849.0	0.3975	Y
4	STD20 460-940983/9	200.0	59.863477	250.0	278634.0	0.299317	Y
5	STD50 460-940983/10	500.0	151.113629	250.0	294353.0	0.302227	Y
6	STD200 460-940983/11	2000.0	666.552496	250.0	318236.0	0.333276	Y
7	STD500 460-940983/12	5000.0	1677.445462	250.0	368826.0	0.335489	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

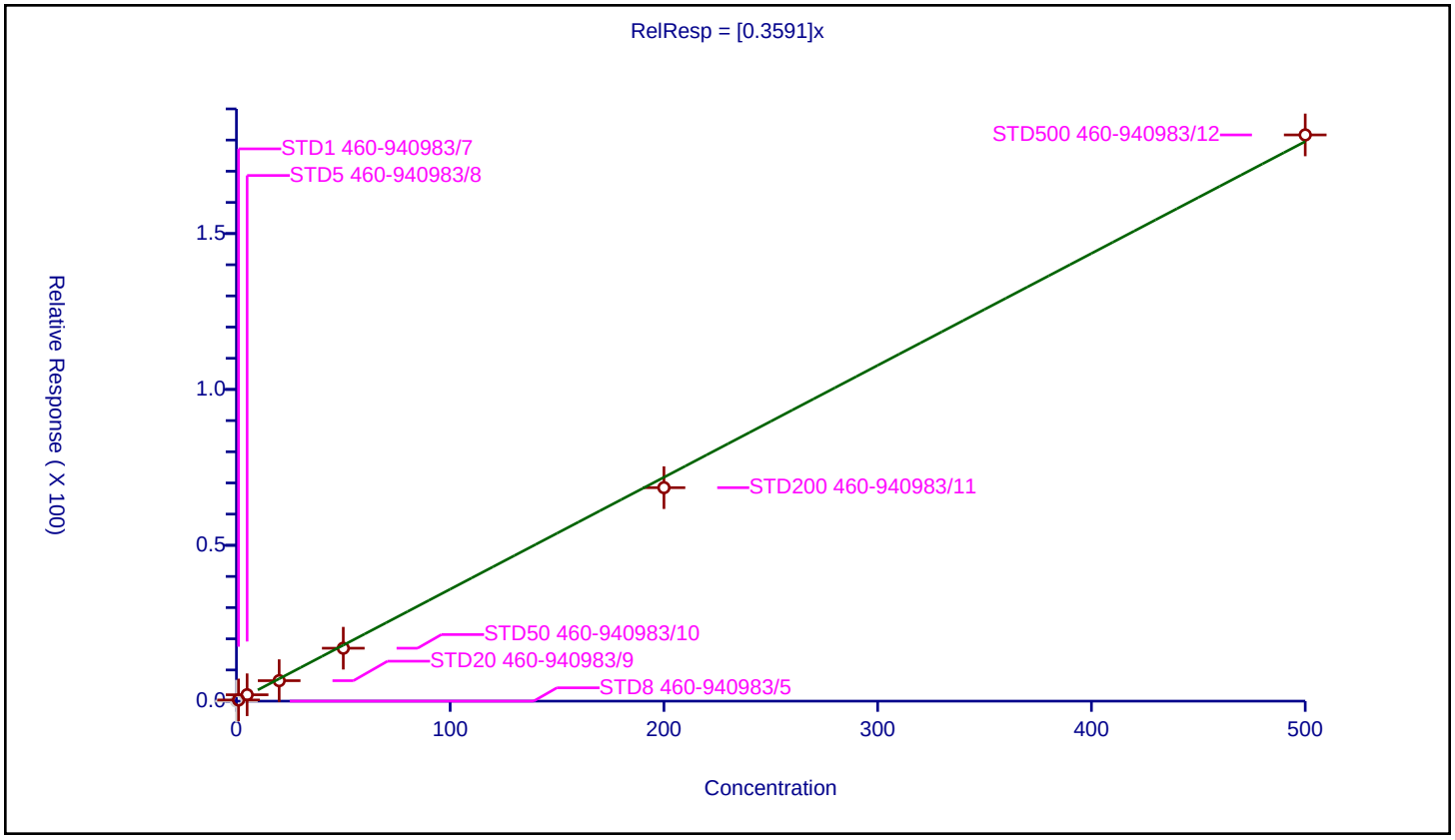
Curve Coefficients

Intercept:	0
Slope:	0.3591

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.370814	50.0	562411.0	0.370814	Y
3	STD5 460-940983/8	5.0	2.049856	50.0	576577.0	0.409971	Y
4	STD20 460-940983/9	20.0	6.5645	50.0	598469.0	0.328225	Y
5	STD50 460-940983/10	50.0	16.982465	50.0	628301.0	0.339649	Y
6	STD200 460-940983/11	200.0	68.491655	50.0	653365.0	0.342458	Y
7	STD500 460-940983/12	500.0	181.654746	50.0	707480.0	0.363309	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

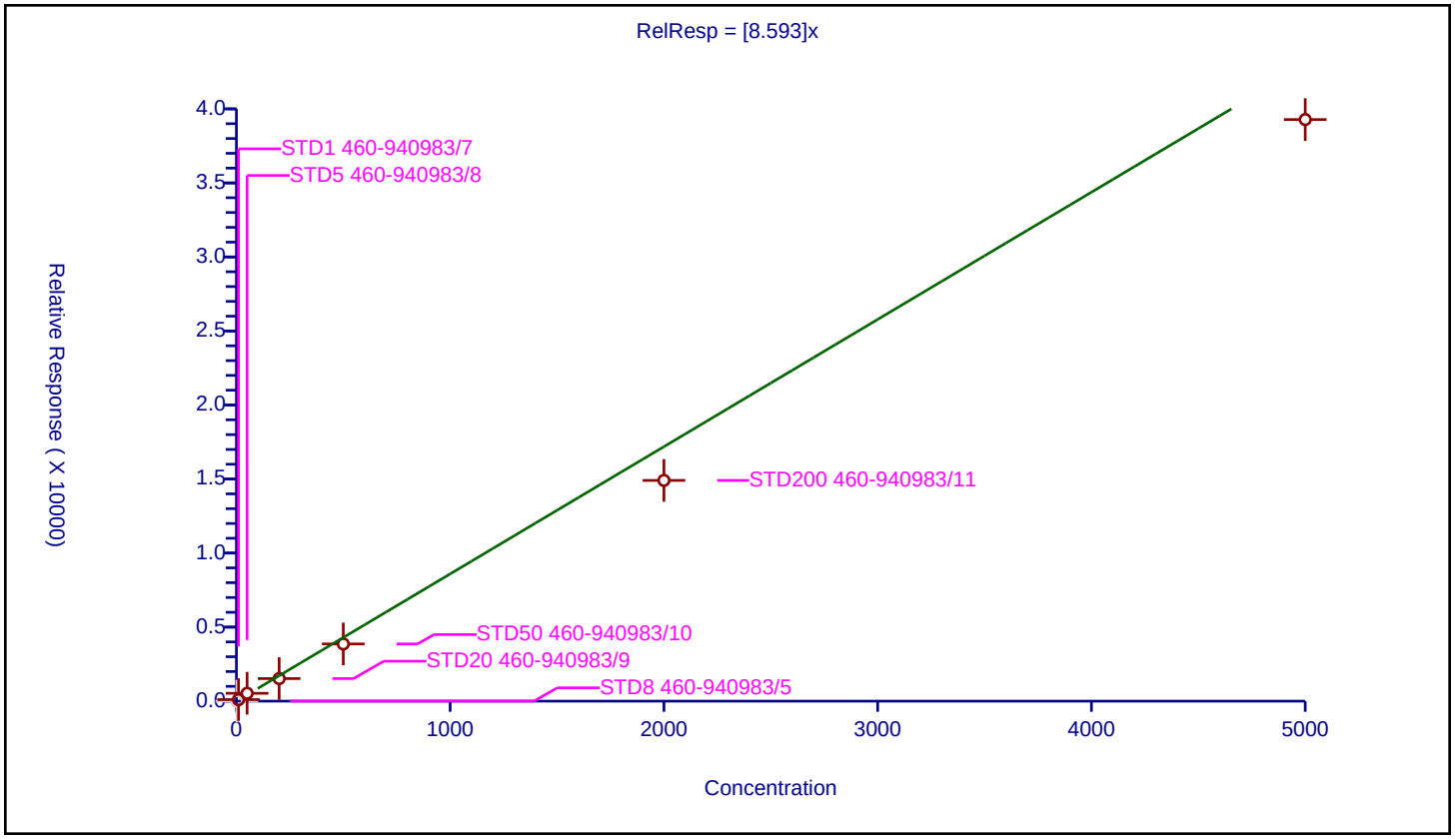
Curve Coefficients

Intercept:	0
Slope:	8.593

Error Coefficients

Standard Error:	815000
Relative Standard Error:	16.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	2.0	0.0	1000.0	30418.0	0.0	N
2	STD1 460-940983/7	10.0	103.213047	1000.0	34889.0	10.321305	Y
3	STD5 460-940983/8	50.0	529.351155	1000.0	34939.0	10.587023	Y
4	STD20 460-940983/9	200.0	1523.118813	1000.0	39297.0	7.615594	Y
5	STD50 460-940983/10	500.0	3863.439717	1000.0	40451.0	7.726879	Y
6	STD200 460-940983/11	2000.0	14908.598588	1000.0	43763.0	7.454299	Y
7	STD500 460-940983/12	5000.0	39278.972279	1000.0	44370.0	7.855794	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

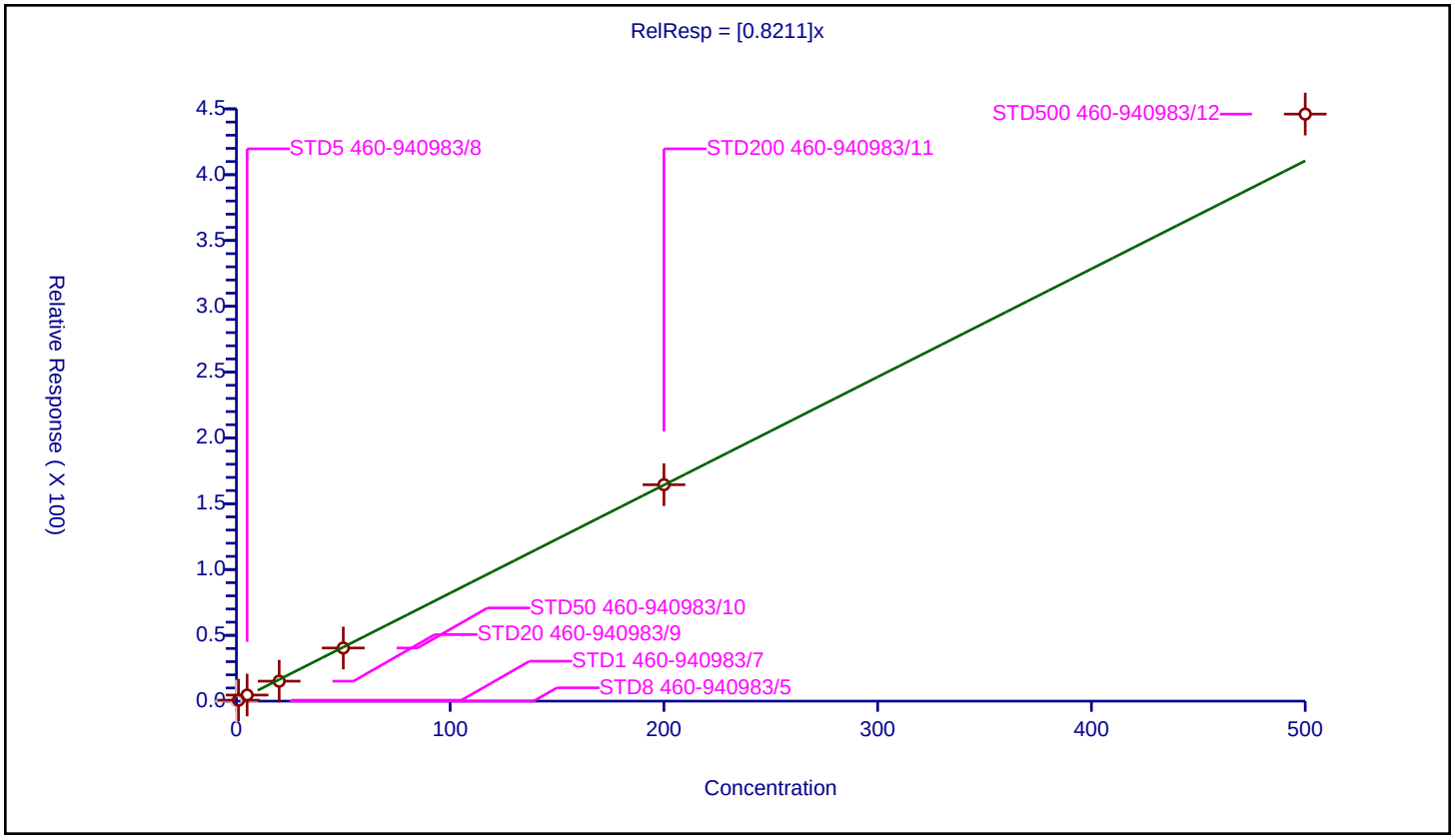
Curve Coefficients

Intercept:	0
Slope:	0.8211

Error Coefficients

Standard Error:	2990000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.723226	50.0	562411.0	0.723226	Y
3	STD5 460-940983/8	5.0	4.616729	50.0	576577.0	0.923346	Y
4	STD20 460-940983/9	20.0	15.159348	50.0	598469.0	0.757967	Y
5	STD50 460-940983/10	50.0	40.386216	50.0	628301.0	0.807724	Y
6	STD200 460-940983/11	200.0	164.444912	50.0	653365.0	0.822225	Y
7	STD500 460-940983/12	500.0	446.049288	50.0	707480.0	0.892099	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

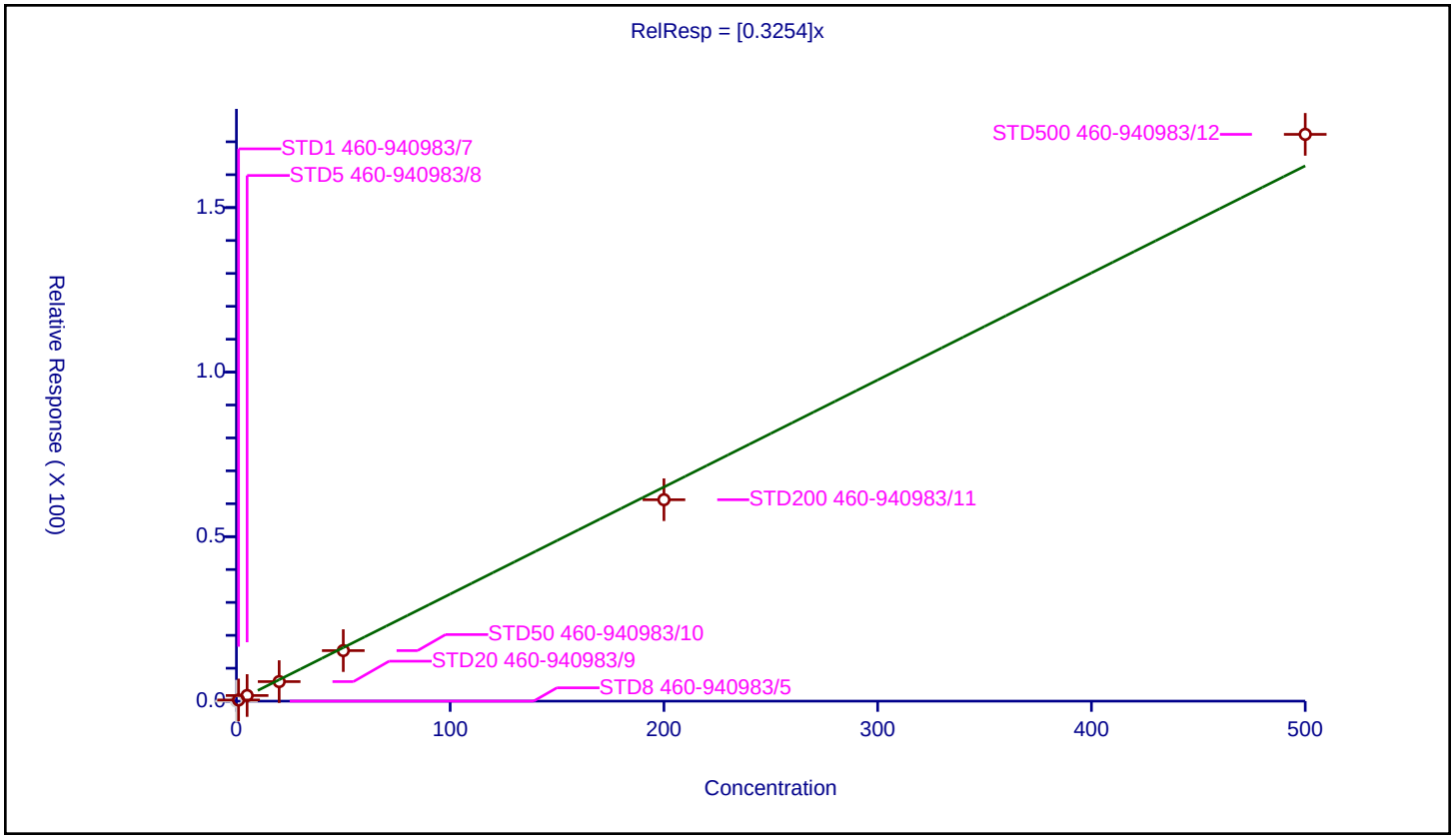
Curve Coefficients

Intercept:	0
Slope:	0.3254

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	7.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.354456	50.0	562411.0	0.354456	Y
3	STD5 460-940983/8	5.0	1.715122	50.0	576577.0	0.343024	Y
4	STD20 460-940983/9	20.0	5.937567	50.0	598469.0	0.296878	Y
5	STD50 460-940983/10	50.0	15.362541	50.0	628301.0	0.307251	Y
6	STD200 460-940983/11	200.0	61.21739	50.0	653365.0	0.306087	Y
7	STD500 460-940983/12	500.0	172.261972	50.0	707480.0	0.344524	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

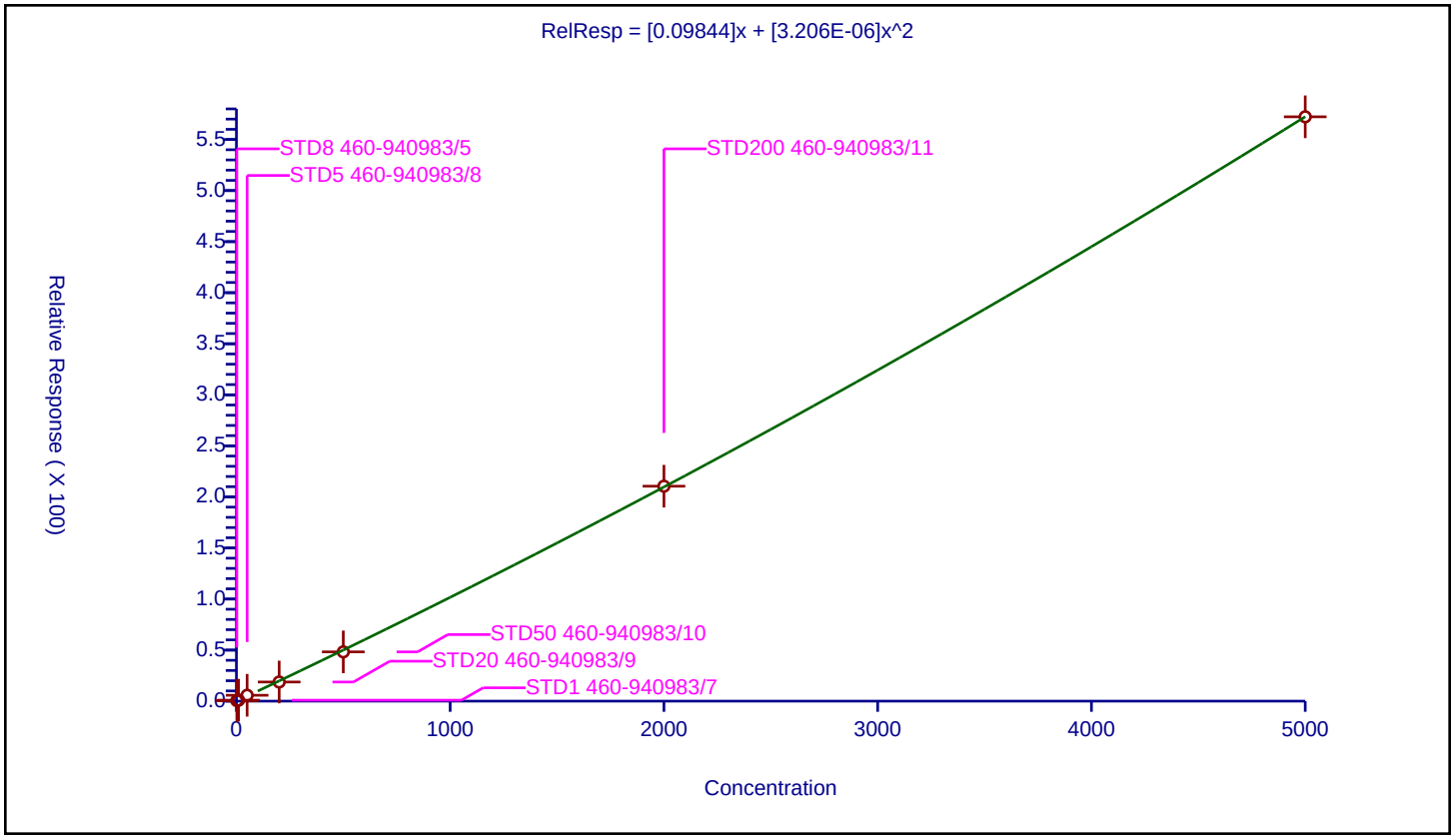
Curve Coefficients

Intercept:	0
Slope:	0.09844
Second Order:	3.206E-06

Error Coefficients

Standard Error:	3840000
Relative Standard Error:	59.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	2.0	0.454084	50.0	510919.0	0.227042	Y
2	STD1 460-940983/7	10.0	0.917301	50.0	562411.0	0.09173	Y
3	STD5 460-940983/8	50.0	5.752311	50.0	576577.0	0.115046	Y
4	STD20 460-940983/9	200.0	18.731212	50.0	598469.0	0.093656	Y
5	STD50 460-940983/10	500.0	48.251077	50.0	628301.0	0.096502	Y
6	STD200 460-940983/11	2000.0	210.516327	50.0	653365.0	0.105258	Y
7	STD500 460-940983/12	5000.0	572.257661	50.0	707480.0	0.114452	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

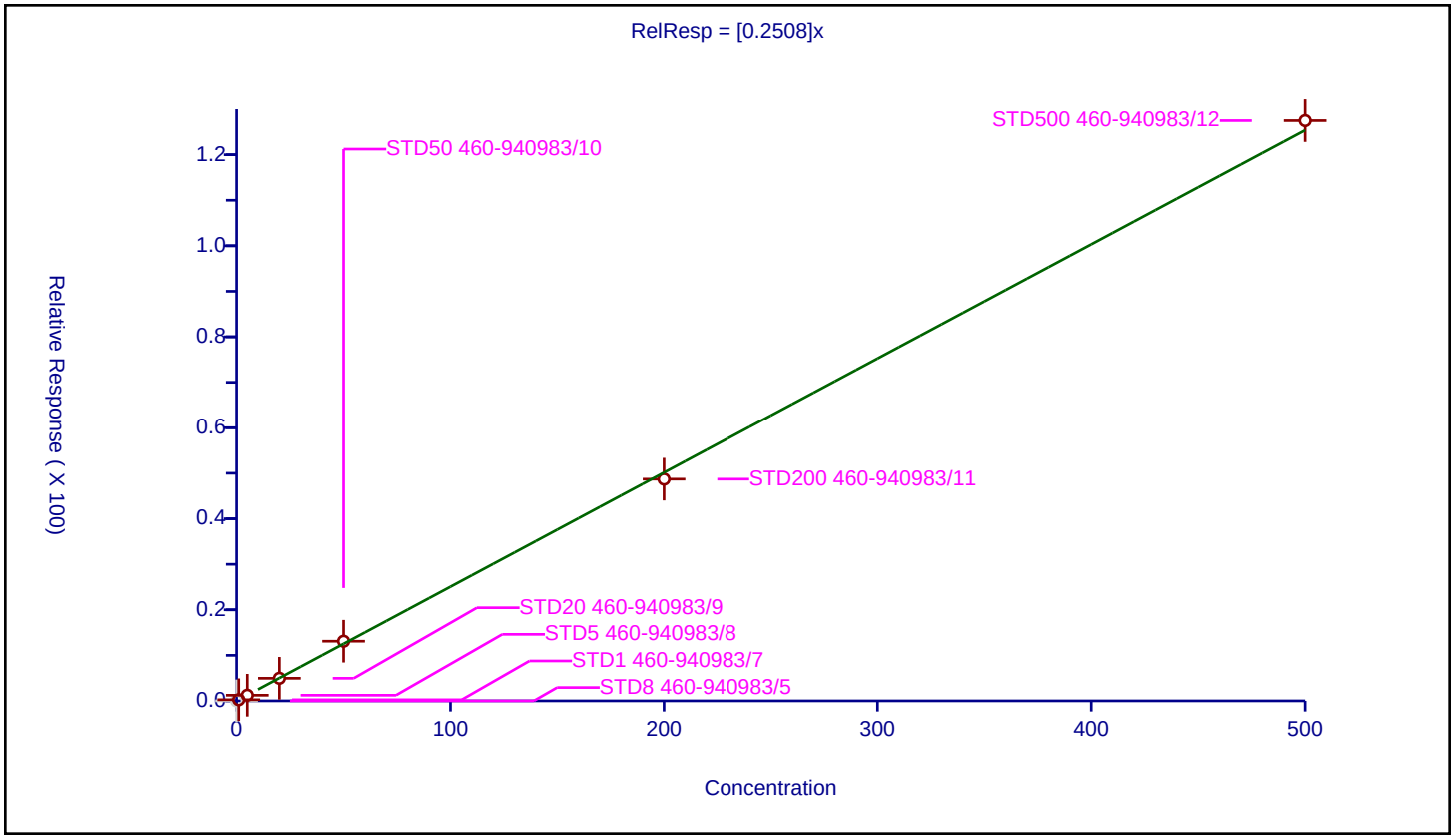
Curve Coefficients

Intercept:	0
Slope:	0.2508

Error Coefficients

Standard Error:	859000
Relative Standard Error:	2.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.248306	50.0	562411.0	0.248306	Y
3	STD5 460-940983/8	5.0	1.239297	50.0	576577.0	0.247859	Y
4	STD20 460-940983/9	20.0	4.958152	50.0	598469.0	0.247908	Y
5	STD50 460-940983/10	50.0	13.102717	50.0	628301.0	0.262054	Y
6	STD200 460-940983/11	200.0	48.710216	50.0	653365.0	0.243551	Y
7	STD500 460-940983/12	500.0	127.499505	50.0	707480.0	0.254999	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

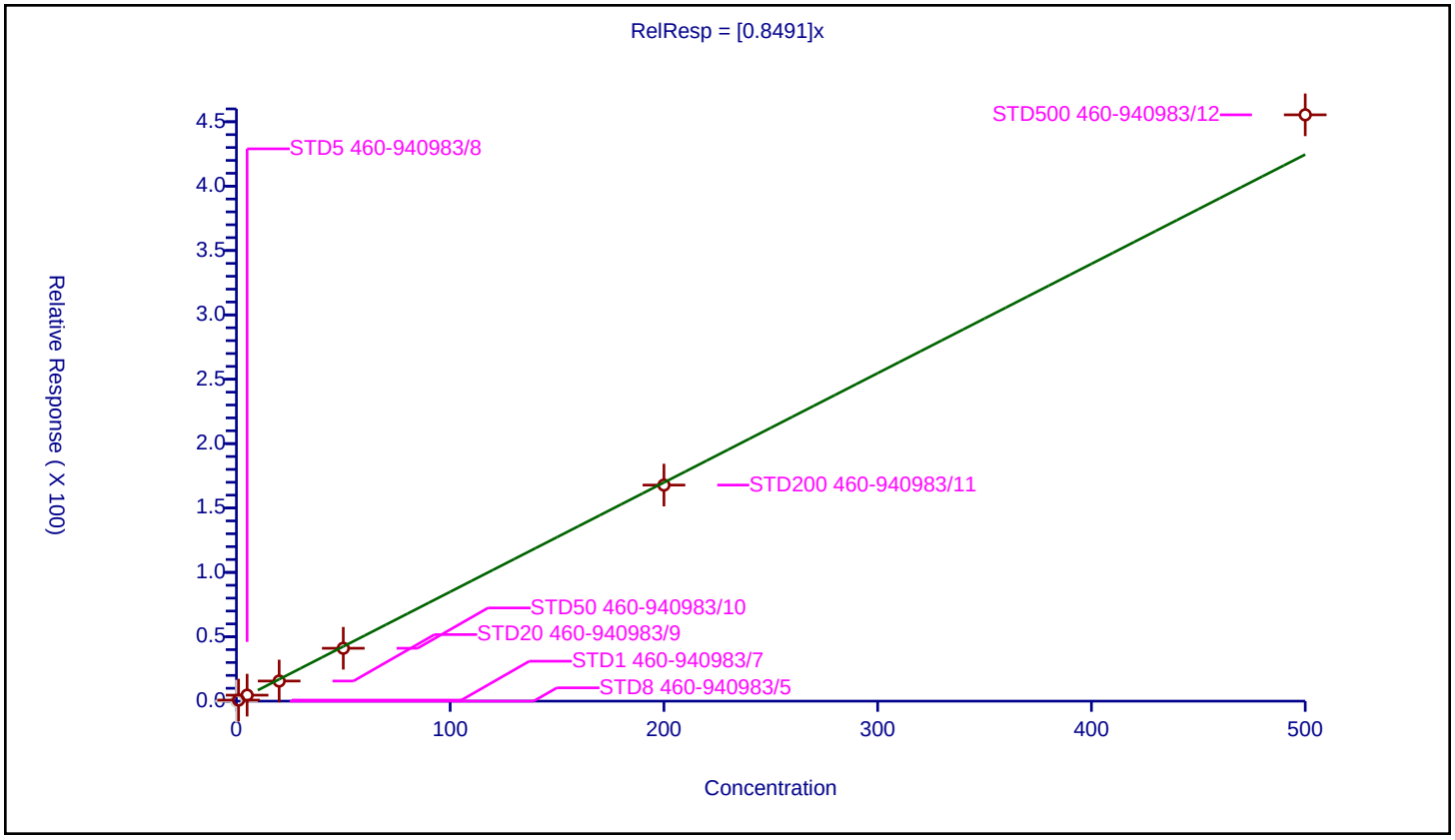
Curve Coefficients

Intercept:	0
Slope:	0.8491

Error Coefficients

Standard Error:	3050000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.813106	50.0	562411.0	0.813106	Y
3	STD5 460-940983/8	5.0	4.646127	50.0	576577.0	0.929225	Y
4	STD20 460-940983/9	20.0	15.621528	50.0	598469.0	0.781076	Y
5	STD50 460-940983/10	50.0	41.066384	50.0	628301.0	0.821328	Y
6	STD200 460-940983/11	200.0	167.830921	50.0	653365.0	0.839155	Y
7	STD500 460-940983/12	500.0	455.387078	50.0	707480.0	0.910774	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

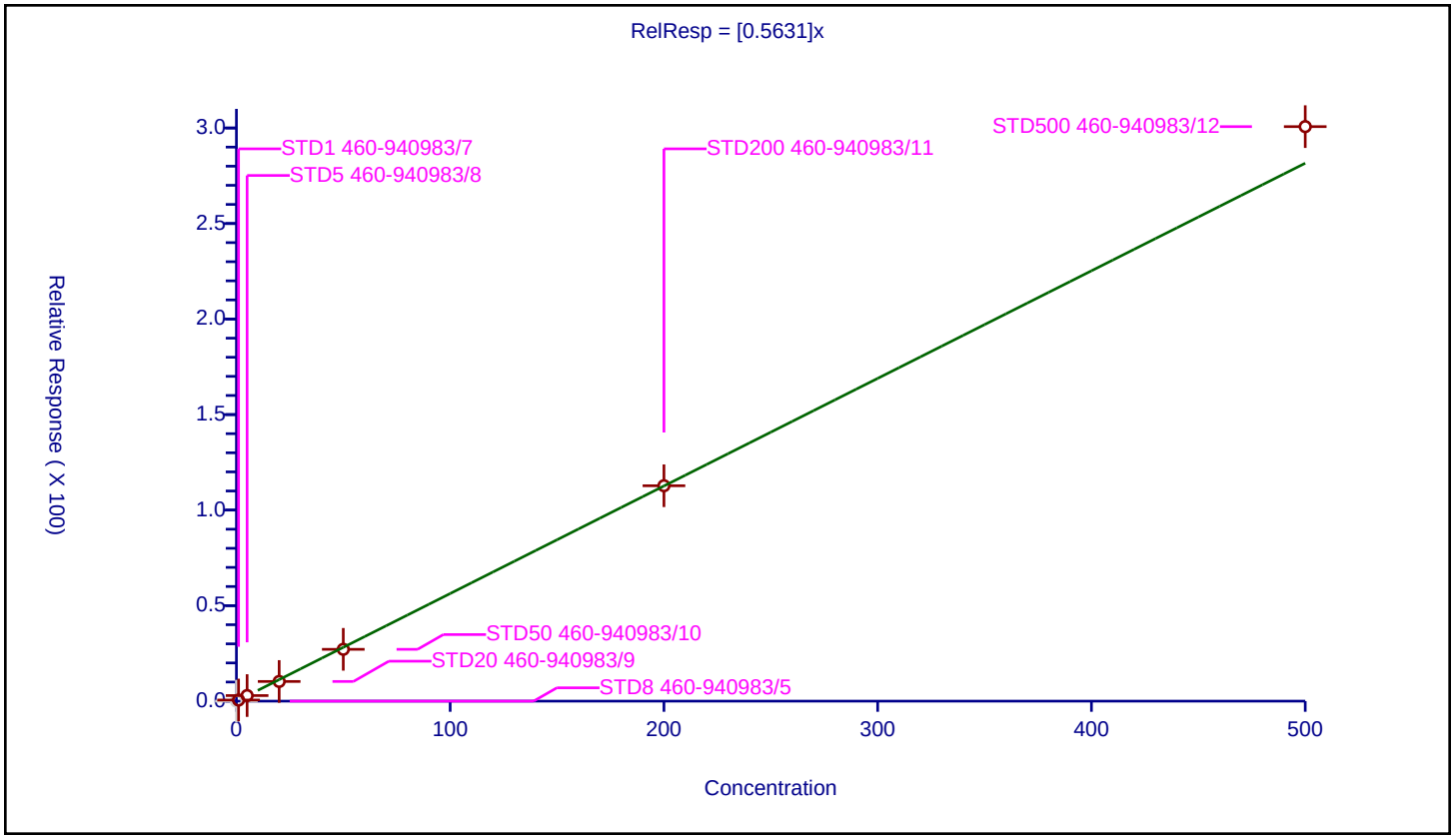
Curve Coefficients

Intercept:	0
Slope:	0.5631

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.572268	50.0	562411.0	0.572268	Y
3	STD5 460-940983/8	5.0	2.919645	50.0	576577.0	0.583929	Y
4	STD20 460-940983/9	20.0	10.299865	50.0	598469.0	0.514993	Y
5	STD50 460-940983/10	50.0	27.118133	50.0	628301.0	0.542363	Y
6	STD200 460-940983/11	200.0	112.748311	50.0	653365.0	0.563742	Y
7	STD500 460-940983/12	500.0	300.717617	50.0	707480.0	0.601435	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

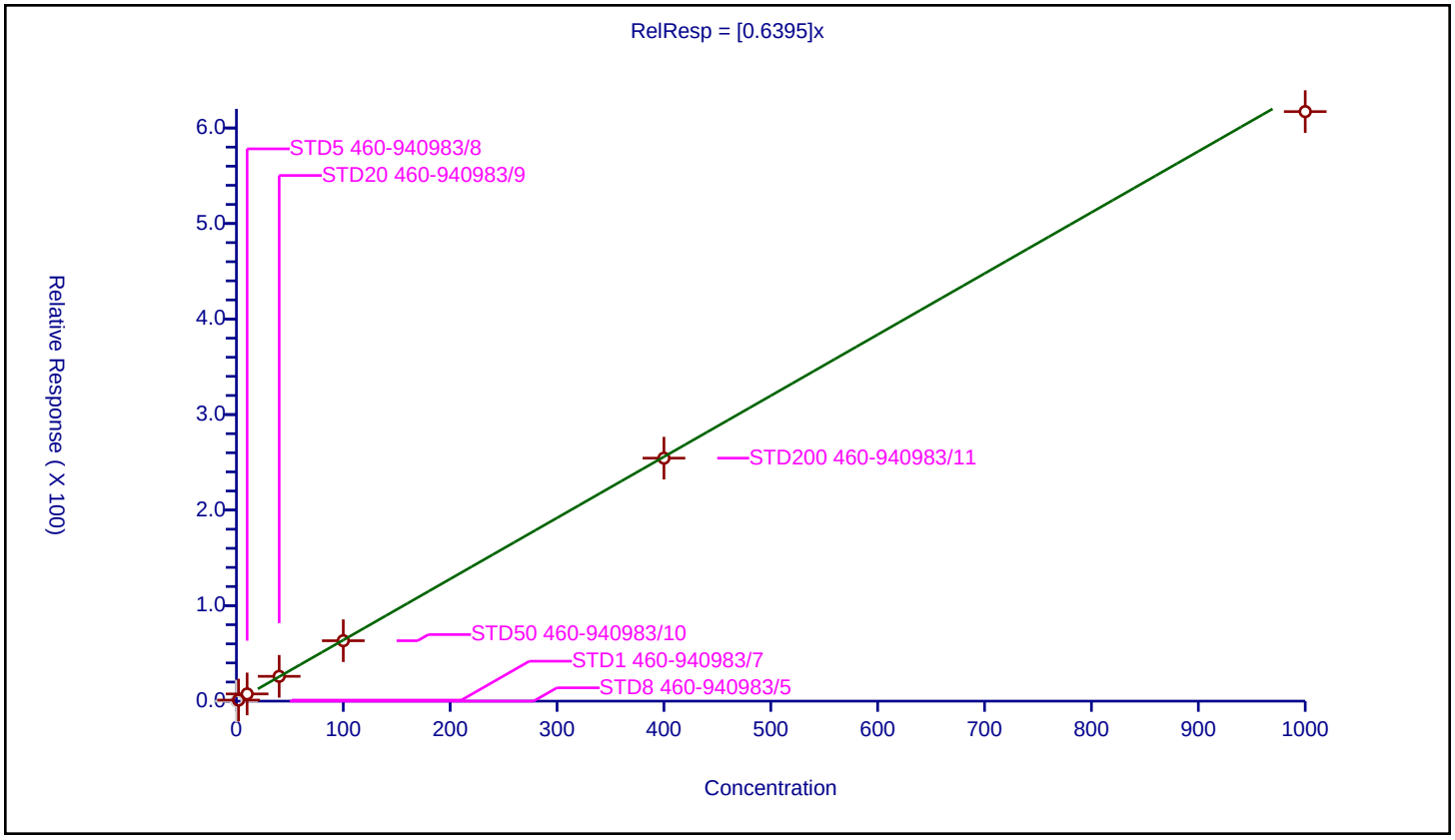
Curve Coefficients

Intercept:	0
Slope:	0.6395

Error Coefficients

Standard Error:	433000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	1.093976	250.0	244521.0	0.546988	Y
3	STD5 460-940983/8	10.0	7.551501	250.0	259849.0	0.75515	Y
4	STD20 460-940983/9	40.0	25.977627	250.0	278634.0	0.649441	Y
5	STD50 460-940983/10	100.0	63.243792	250.0	294353.0	0.632438	Y
6	STD200 460-940983/11	400.0	254.369399	250.0	318236.0	0.635923	Y
7	STD500 460-940983/12	1000.0	617.165682	250.0	368826.0	0.617166	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

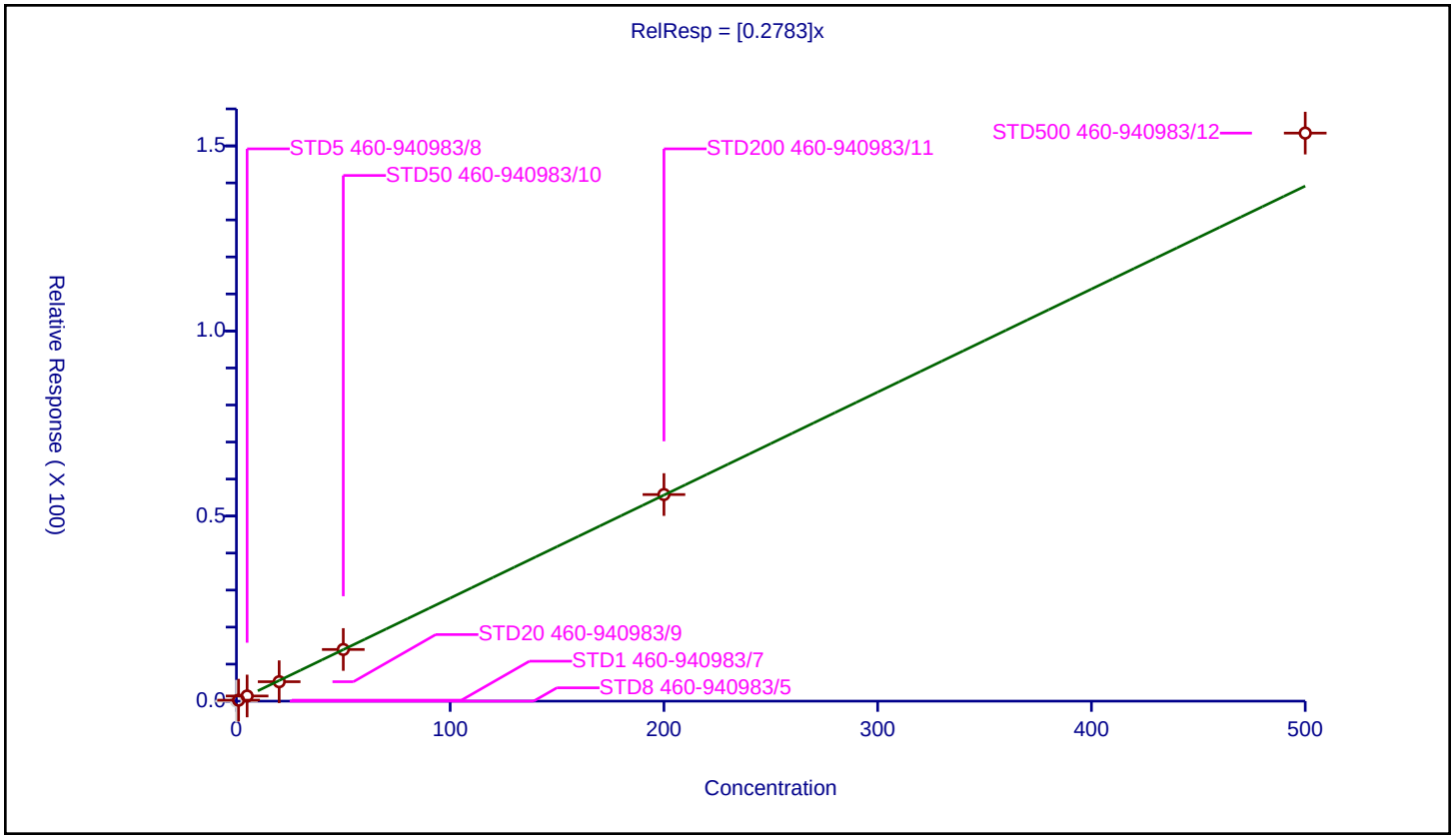
Curve Coefficients

Intercept:	0
Slope:	0.2783

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.263419	50.0	562411.0	0.263419	Y
3	STD5 460-940983/8	5.0	1.395304	50.0	576577.0	0.279061	Y
4	STD20 460-940983/9	20.0	5.245384	50.0	598469.0	0.262269	Y
5	STD50 460-940983/10	50.0	13.956925	50.0	628301.0	0.279139	Y
6	STD200 460-940983/11	200.0	55.810688	50.0	653365.0	0.279053	Y
7	STD500 460-940983/12	500.0	153.4572	50.0	707480.0	0.306914	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

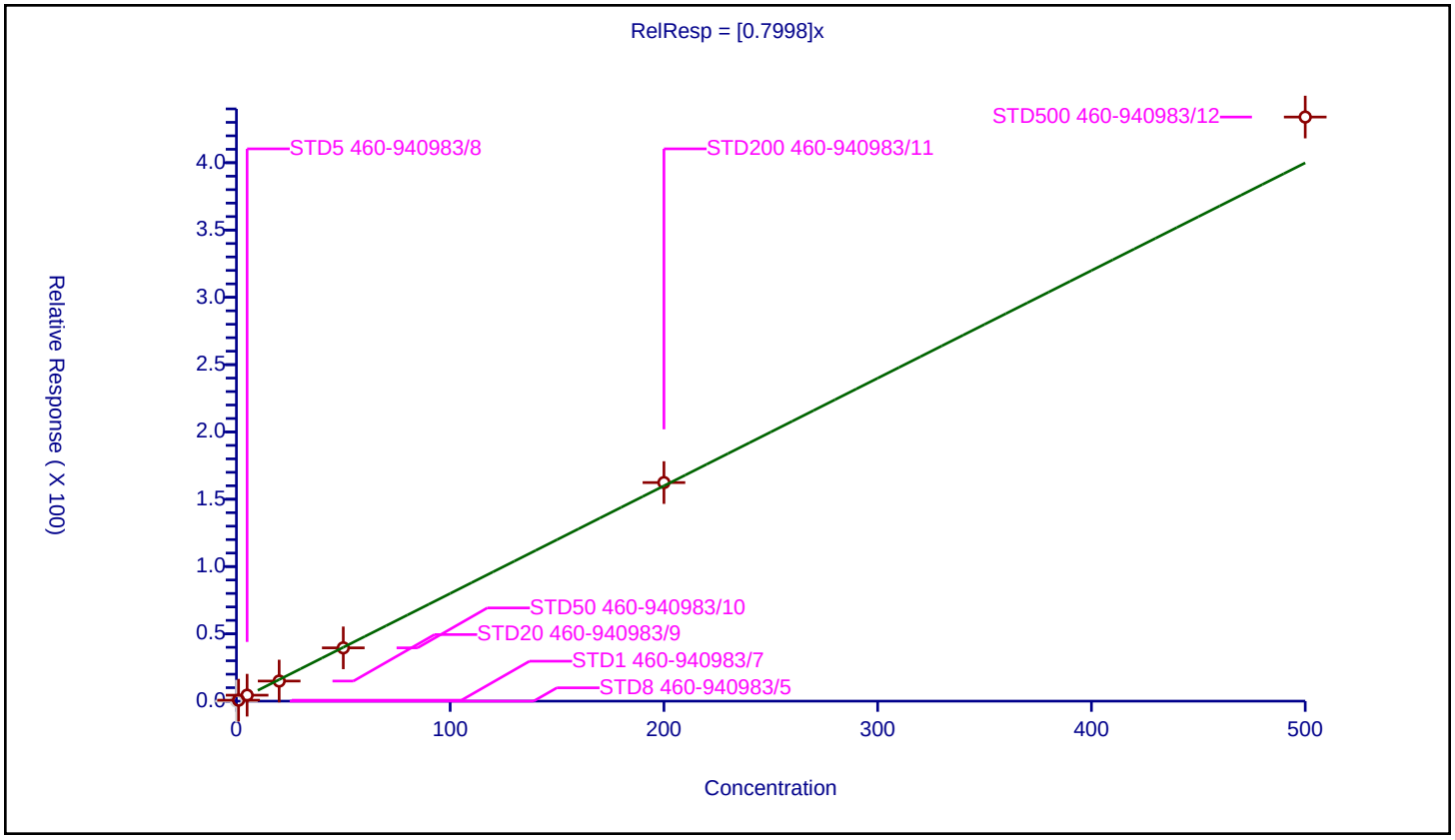
Curve Coefficients

Intercept:	0
Slope:	0.7998

Error Coefficients

Standard Error:	2910000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.698422	50.0	562411.0	0.698422	Y
3	STD5 460-940983/8	5.0	4.413374	50.0	576577.0	0.882675	Y
4	STD20 460-940983/9	20.0	14.920656	50.0	598469.0	0.746033	Y
5	STD50 460-940983/10	50.0	39.585247	50.0	628301.0	0.791705	Y
6	STD200 460-940983/11	200.0	162.381517	50.0	653365.0	0.811908	Y
7	STD500 460-940983/12	500.0	433.935871	50.0	707480.0	0.867872	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

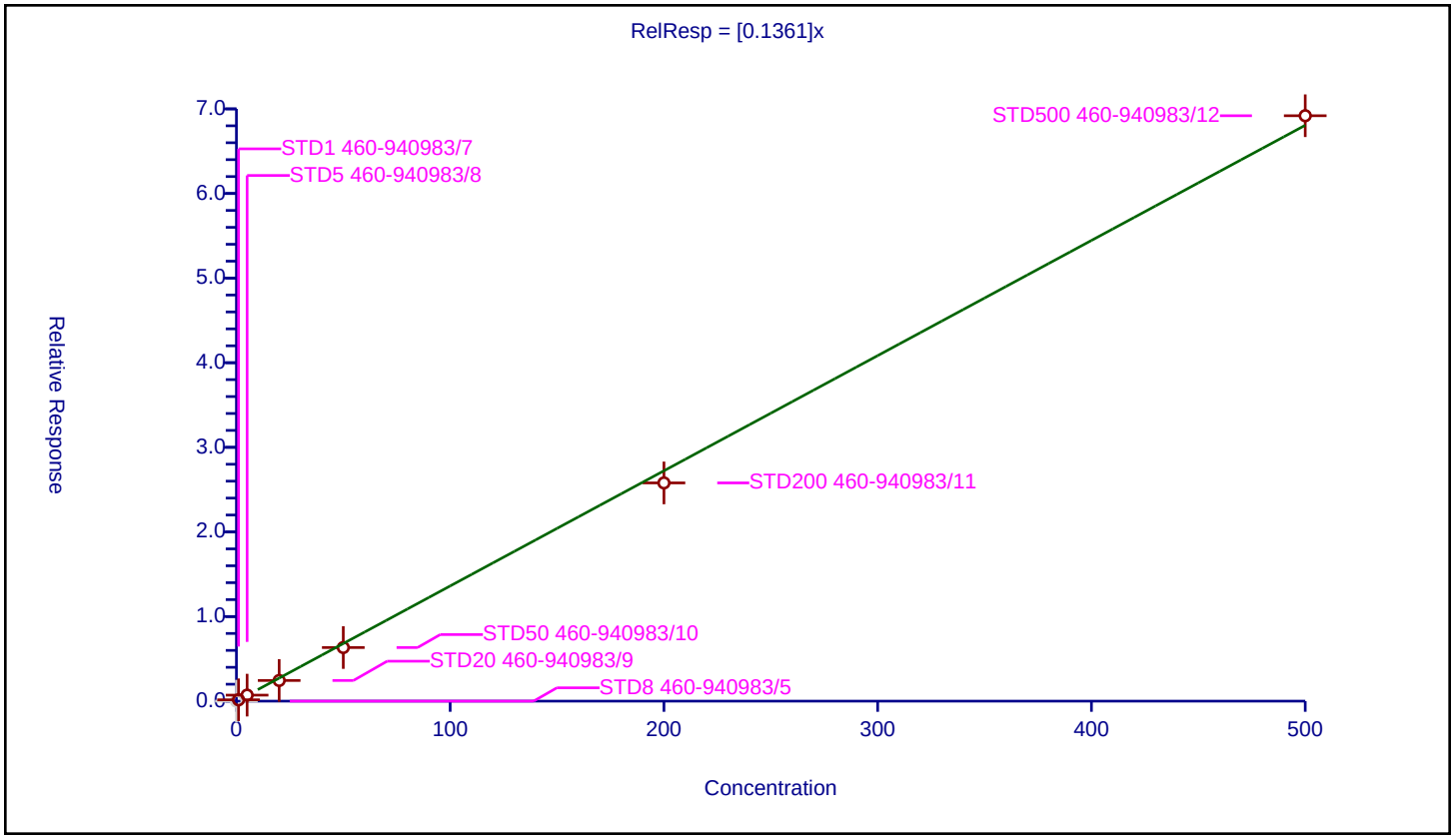
Curve Coefficients

Intercept:	0
Slope:	0.1361

Error Coefficients

Standard Error:	465000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.158692	50.0	562411.0	0.158692	Y
3	STD5 460-940983/8	5.0	0.710139	50.0	576577.0	0.142028	Y
4	STD20 460-940983/9	20.0	2.440394	50.0	598469.0	0.12202	Y
5	STD50 460-940983/10	50.0	6.333827	50.0	628301.0	0.126677	Y
6	STD200 460-940983/11	200.0	25.792245	50.0	653365.0	0.128961	Y
7	STD500 460-940983/12	500.0	69.191709	50.0	707480.0	0.138383	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

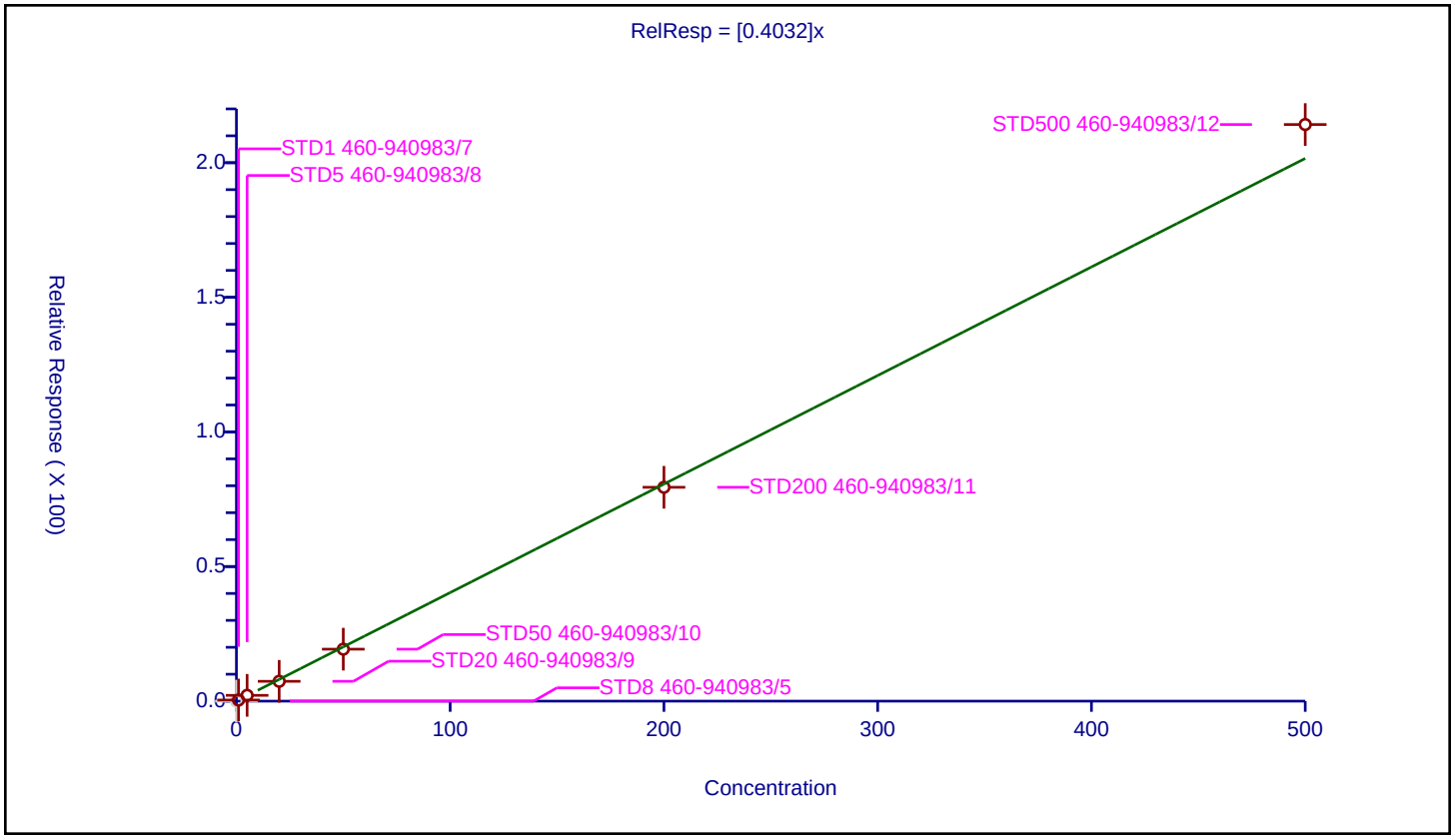
Curve Coefficients

Intercept:	0
Slope:	0.4032

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.409042	50.0	562411.0	0.409042	Y
3	STD5 460-940983/8	5.0	2.150016	50.0	576577.0	0.430003	Y
4	STD20 460-940983/9	20.0	7.366631	50.0	598469.0	0.368332	Y
5	STD50 460-940983/10	50.0	19.310649	50.0	628301.0	0.386213	Y
6	STD200 460-940983/11	200.0	79.438522	50.0	653365.0	0.397193	Y
7	STD500 460-940983/12	500.0	214.194606	50.0	707480.0	0.428389	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

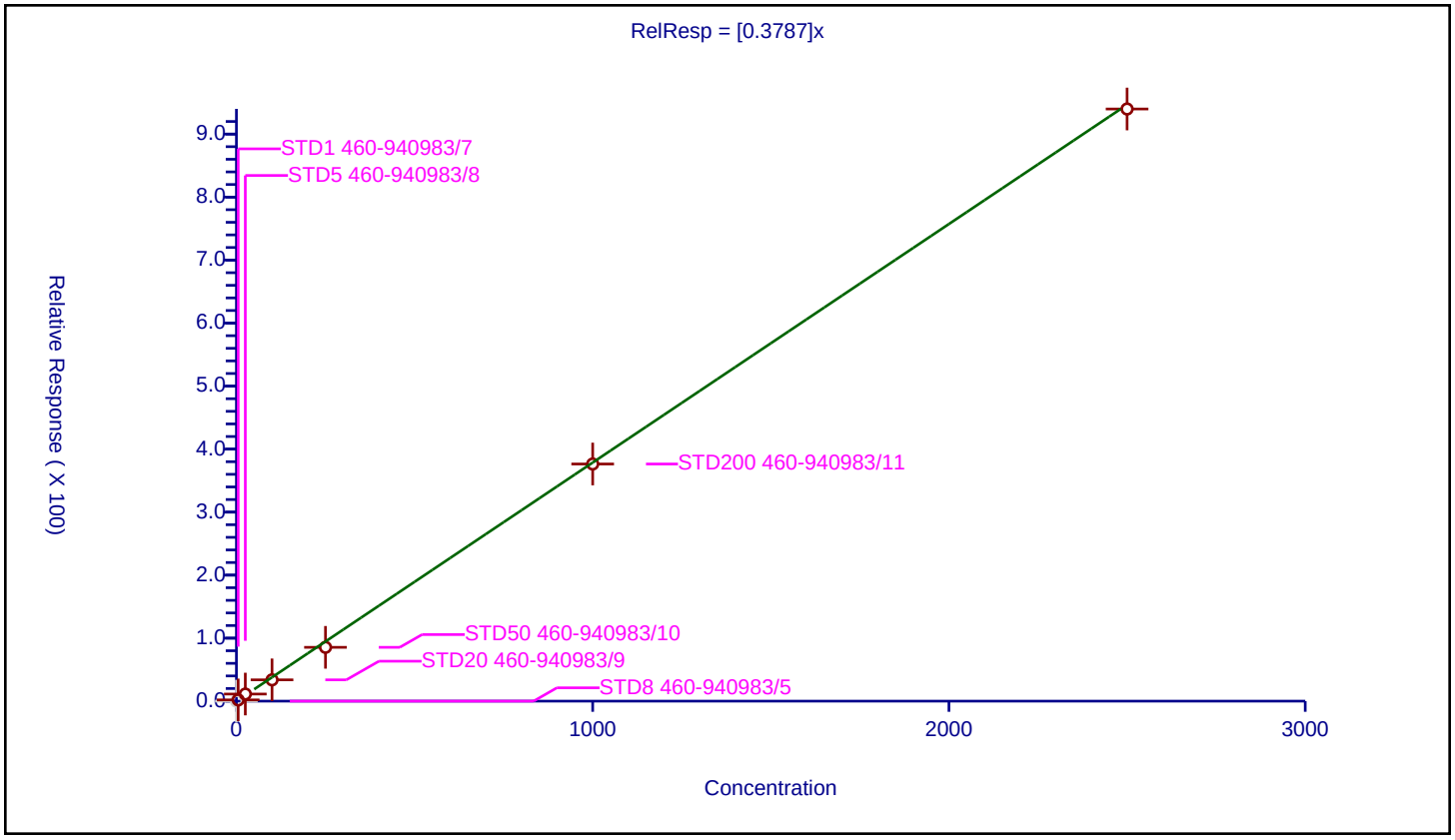
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Standard Error:	657000
Relative Standard Error:	10.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	1.94973	250.0	244521.0	0.389946	Y
3	STD5 460-940983/8	25.0	11.258462	250.0	259849.0	0.450338	Y
4	STD20 460-940983/9	100.0	33.776388	250.0	278634.0	0.337764	Y
5	STD50 460-940983/10	250.0	85.392369	250.0	294353.0	0.341569	Y
6	STD200 460-940983/11	1000.0	376.365339	250.0	318236.0	0.376365	Y
7	STD500 460-940983/12	2500.0	939.836807	250.0	368826.0	0.375935	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

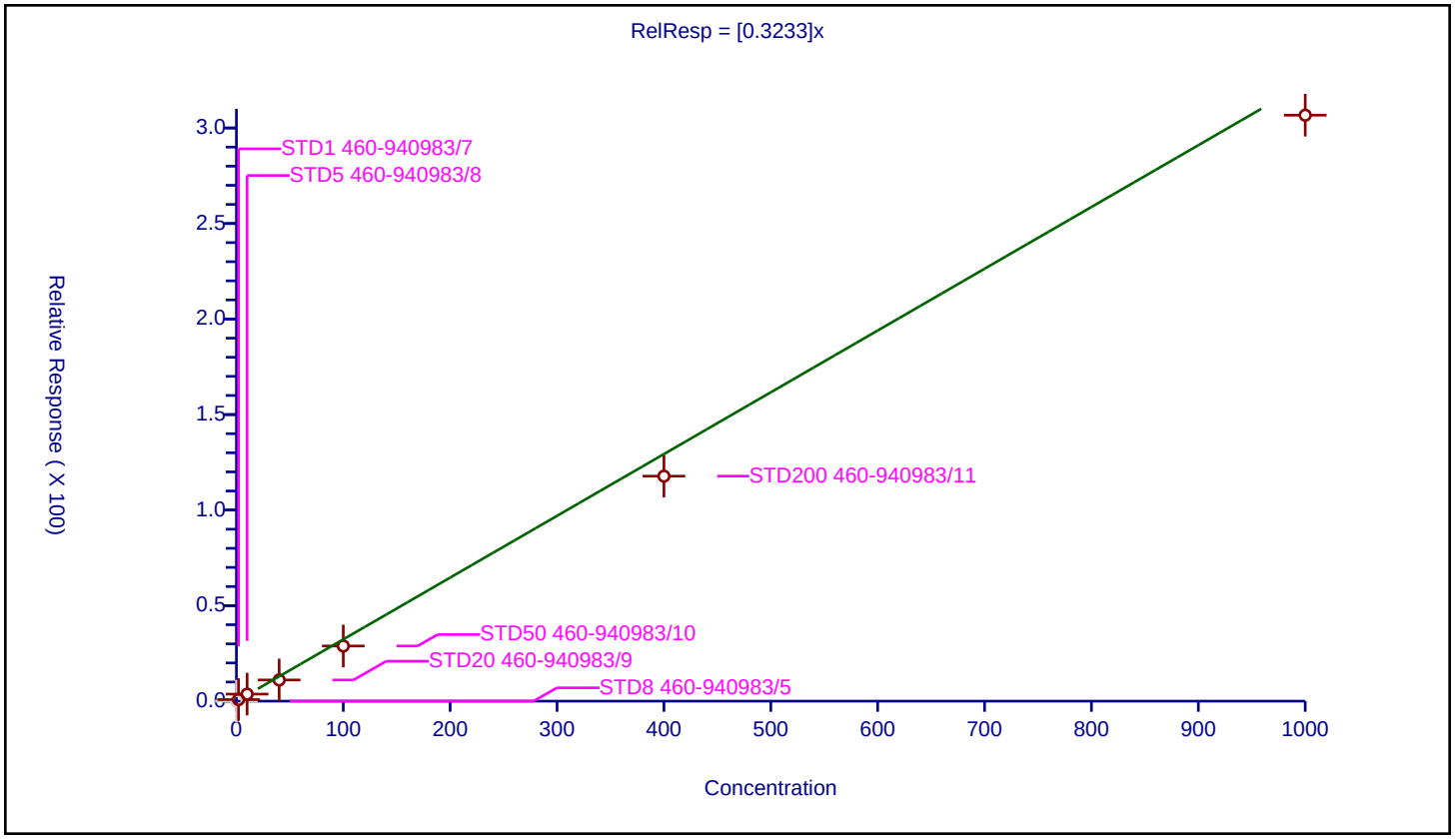
Curve Coefficients

Intercept:	0
Slope:	0.3233

Error Coefficients

Standard Error:	214000
Relative Standard Error:	15.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	0.809746	250.0	244521.0	0.404873	Y
3	STD5 460-940983/8	10.0	3.684832	250.0	259849.0	0.368483	Y
4	STD20 460-940983/9	40.0	11.071872	250.0	278634.0	0.276797	Y
5	STD50 460-940983/10	100.0	28.864153	250.0	294353.0	0.288642	Y
6	STD200 460-940983/11	400.0	117.770303	250.0	318236.0	0.294426	Y
7	STD500 460-940983/12	1000.0	306.690011	250.0	368826.0	0.30669	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

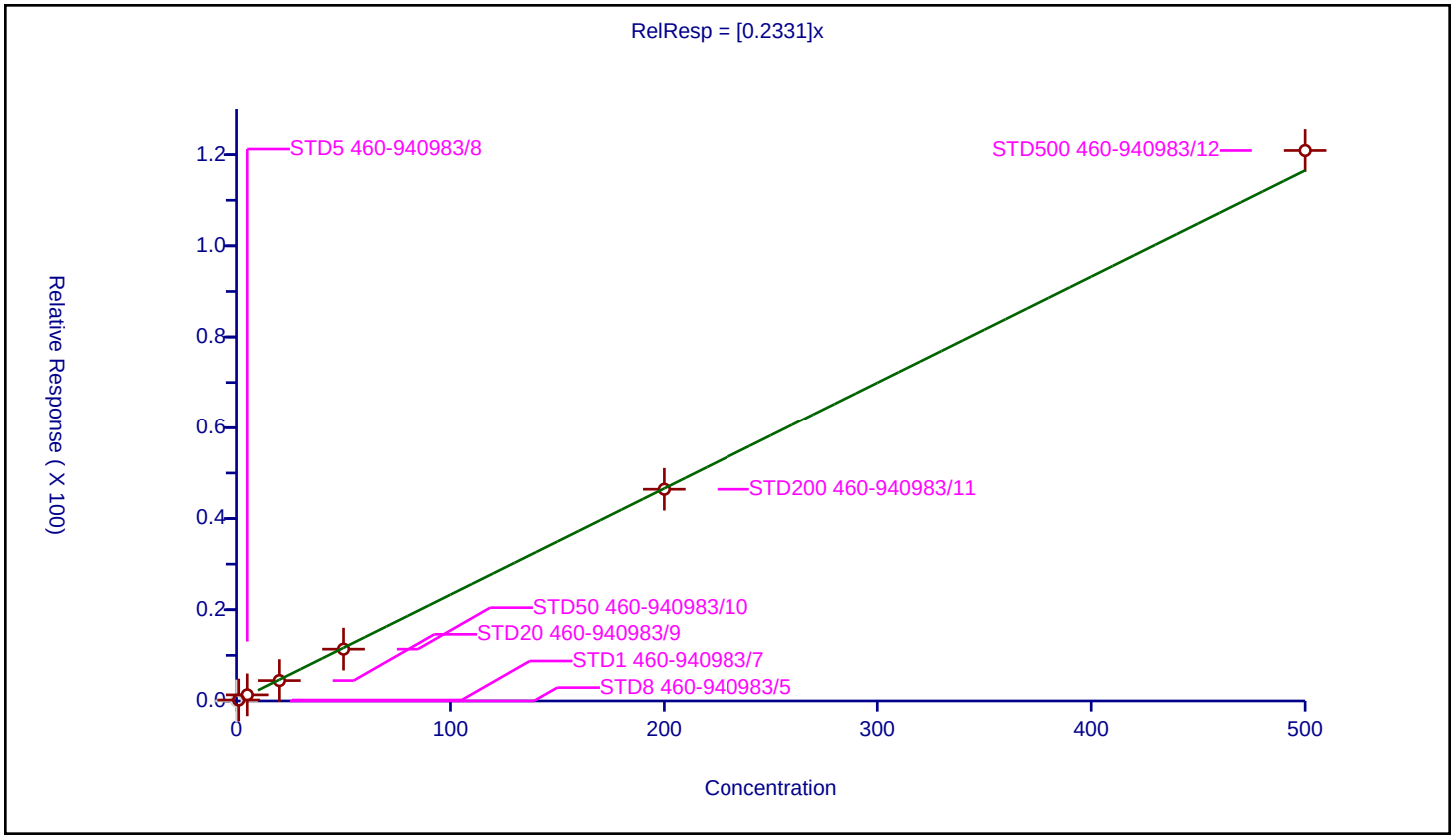
Curve Coefficients

Intercept:	0
Slope:	0.2331

Error Coefficients

Standard Error:	815000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.207055	50.0	562411.0	0.207055	Y
3	STD5 460-940983/8	5.0	1.334861	50.0	576577.0	0.266972	Y
4	STD20 460-940983/9	20.0	4.468569	50.0	598469.0	0.223428	Y
5	STD50 460-940983/10	50.0	11.362627	50.0	628301.0	0.227253	Y
6	STD200 460-940983/11	200.0	46.431244	50.0	653365.0	0.232156	Y
7	STD500 460-940983/12	500.0	120.914513	50.0	707480.0	0.241829	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

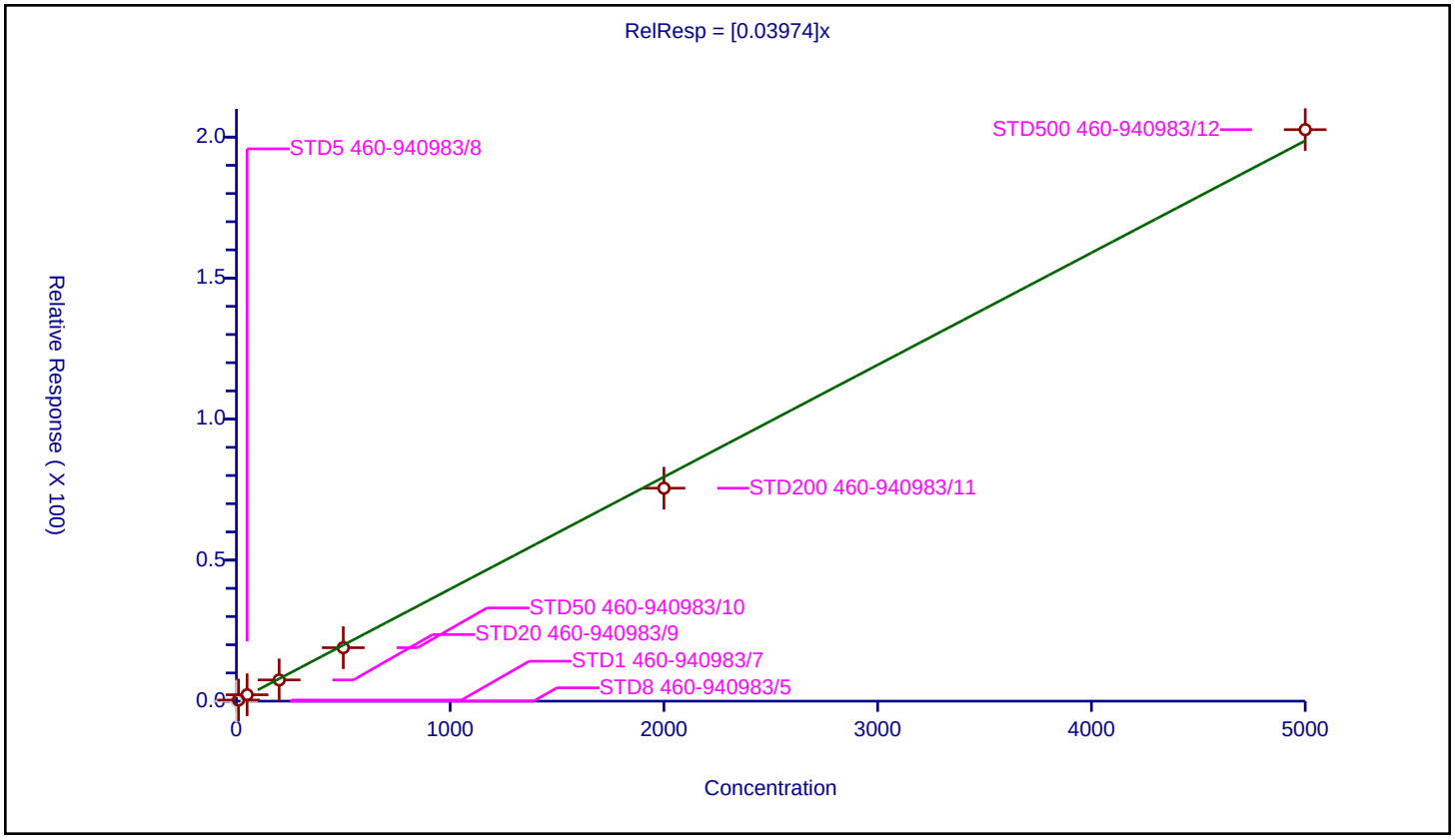
Curve Coefficients

Intercept:	0
Slope:	0.03974

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	7.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	10.0	0.393484	50.0	562411.0	0.039348	Y
3	STD5 460-940983/8	50.0	2.264832	50.0	576577.0	0.045297	Y
4	STD20 460-940983/9	200.0	7.524868	50.0	598469.0	0.037624	Y
5	STD50 460-940983/10	500.0	18.953018	50.0	628301.0	0.037906	Y
6	STD200 460-940983/11	2000.0	75.510243	50.0	653365.0	0.037755	Y
7	STD500 460-940983/12	5000.0	202.638732	50.0	707480.0	0.040528	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

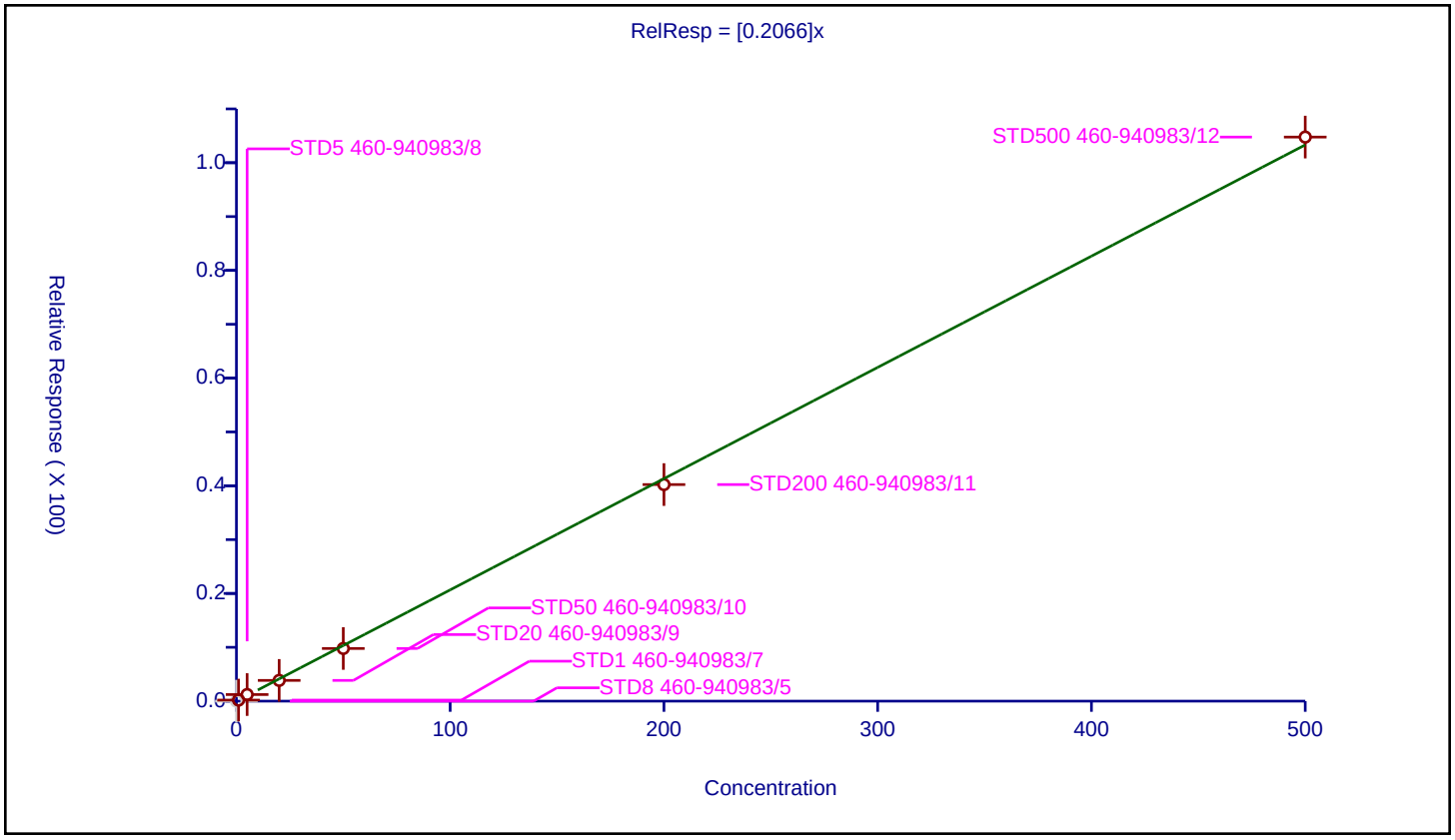
Curve Coefficients

Intercept:	0
Slope:	0.2066

Error Coefficients

Standard Error:	706000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.195942	50.0	562411.0	0.195942	Y
3	STD5 460-940983/8	5.0	1.224555	50.0	576577.0	0.244911	Y
4	STD20 460-940983/9	20.0	3.851912	50.0	598469.0	0.192596	Y
5	STD50 460-940983/10	50.0	9.782732	50.0	628301.0	0.195655	Y
6	STD200 460-940983/11	200.0	40.222617	50.0	653365.0	0.201113	Y
7	STD500 460-940983/12	500.0	104.765223	50.0	707480.0	0.20953	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

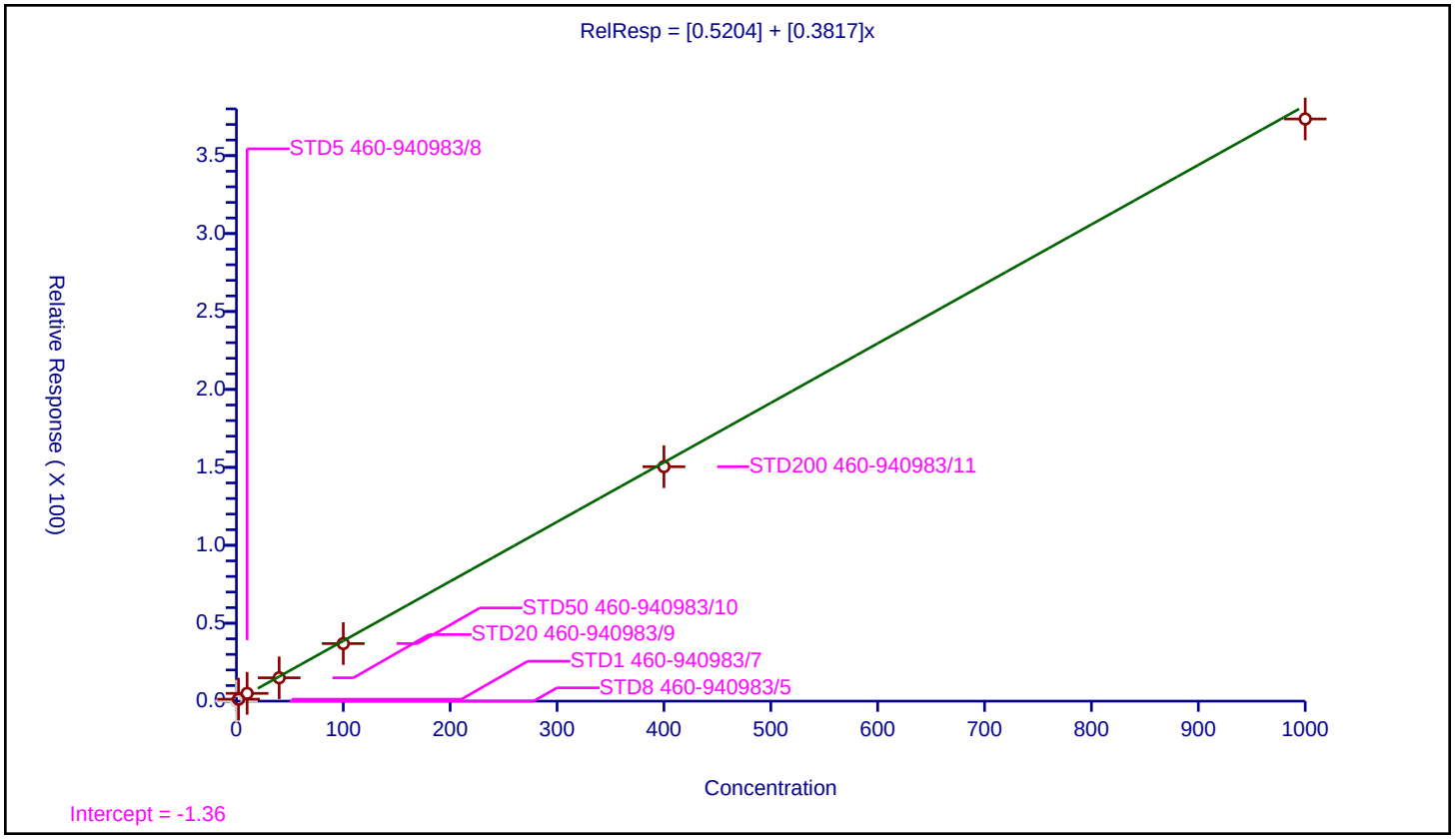
Curve Coefficients

Intercept:	0.5204
Slope:	0.3817

Error Coefficients

Standard Error:	292000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	1.260628	250.0	244521.0	0.630314	Y
3	STD5 460-940983/8	10.0	4.985588	250.0	259849.0	0.498559	Y
4	STD20 460-940983/9	40.0	14.977533	250.0	278634.0	0.374438	Y
5	STD50 460-940983/10	100.0	36.930998	250.0	294353.0	0.36931	Y
6	STD200 460-940983/11	400.0	150.433955	250.0	318236.0	0.376085	Y
7	STD500 460-940983/12	1000.0	373.526405	250.0	368826.0	0.373526	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

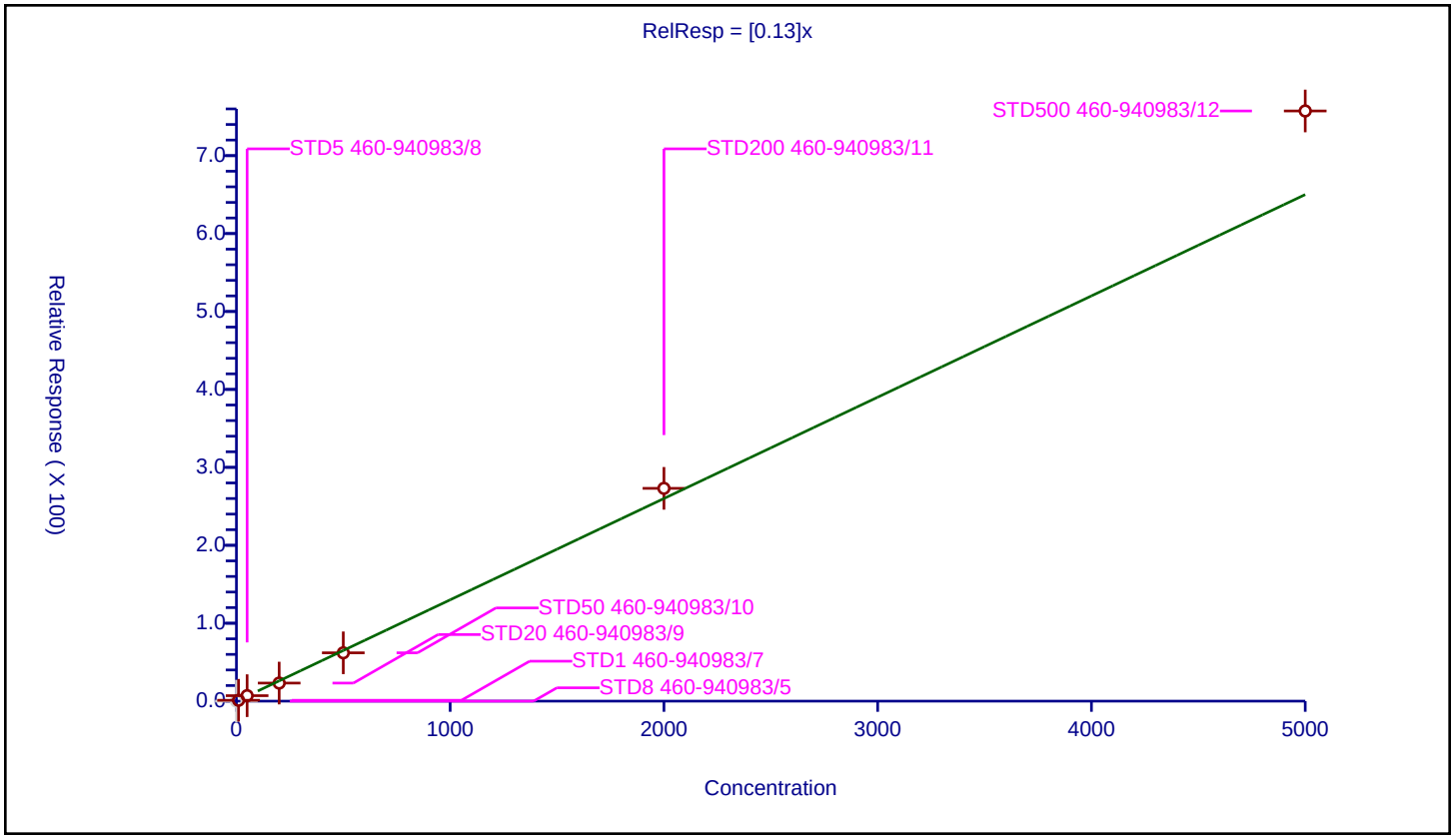
Curve Coefficients

Intercept:	0
Slope:	0.13

Error Coefficients

Standard Error:	5060000
Relative Standard Error:	11.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	10.0	1.115643	50.0	562411.0	0.111564	Y
3	STD5 460-940983/8	50.0	7.024907	50.0	576577.0	0.140498	Y
4	STD20 460-940983/9	200.0	23.192262	50.0	598469.0	0.115961	Y
5	STD50 460-940983/10	500.0	62.008178	50.0	628301.0	0.124016	Y
6	STD200 460-940983/11	2000.0	273.065821	50.0	653365.0	0.136533	Y
7	STD500 460-940983/12	5000.0	757.340985	50.0	707480.0	0.151468	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

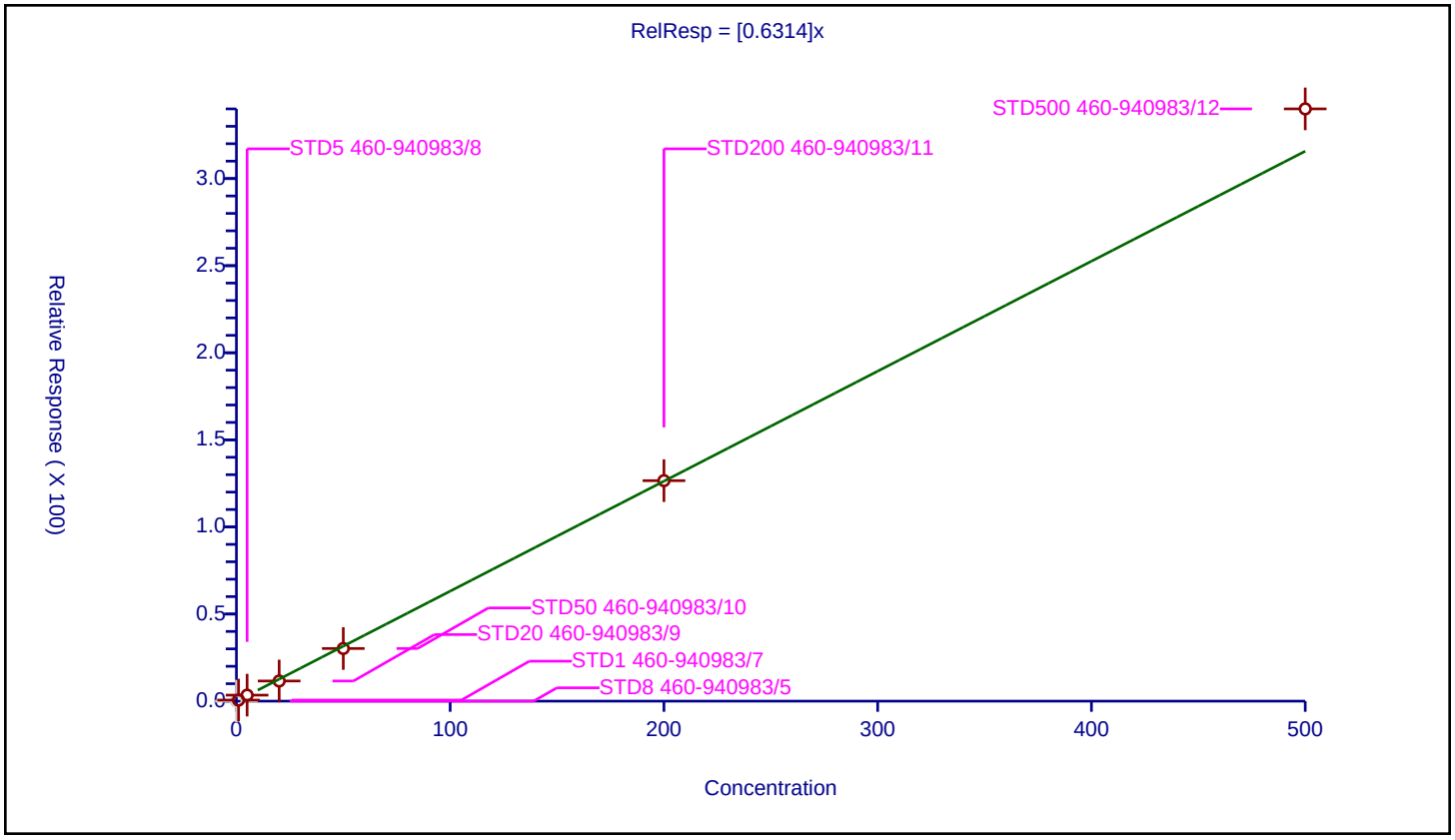
Curve Coefficients

Intercept:	0
Slope:	0.6314

Error Coefficients

Standard Error:	2280000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.604362	50.0	562411.0	0.604362	Y
3	STD5 460-940983/8	5.0	3.442905	50.0	576577.0	0.688581	Y
4	STD20 460-940983/9	20.0	11.56125	50.0	598469.0	0.578063	Y
5	STD50 460-940983/10	50.0	30.224049	50.0	628301.0	0.604481	Y
6	STD200 460-940983/11	200.0	126.578253	50.0	653365.0	0.632891	Y
7	STD500 460-940983/12	500.0	339.996254	50.0	707480.0	0.679993	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

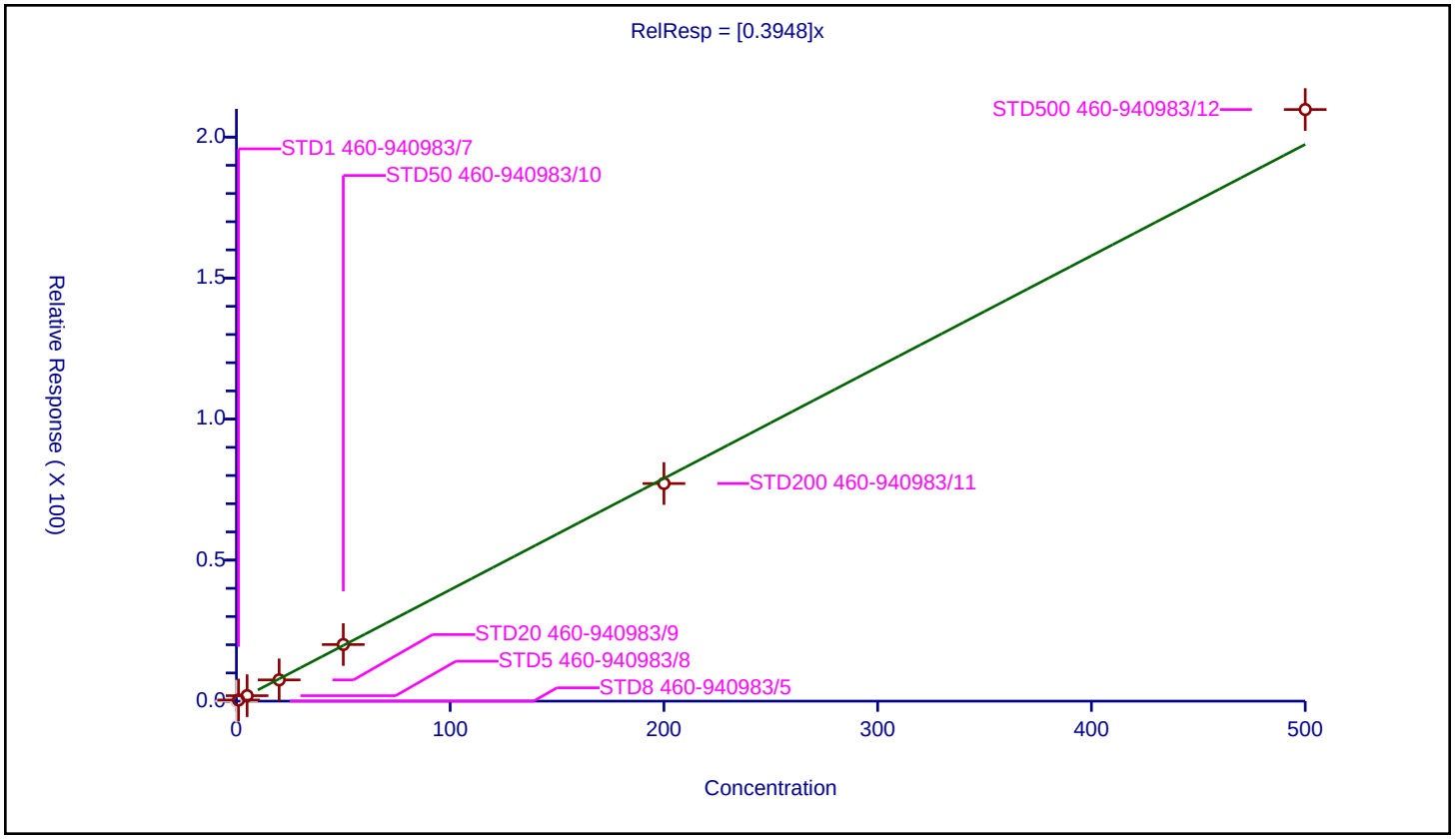
Curve Coefficients

Intercept:	0
Slope:	0.3948

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.399263	50.0	562411.0	0.399263	Y
3	STD5 460-940983/8	5.0	1.930792	50.0	576577.0	0.386158	Y
4	STD20 460-940983/9	20.0	7.533306	50.0	598469.0	0.376665	Y
5	STD50 460-940983/10	50.0	20.076683	50.0	628301.0	0.401534	Y
6	STD200 460-940983/11	200.0	77.164372	50.0	653365.0	0.385822	Y
7	STD500 460-940983/12	500.0	209.776036	50.0	707480.0	0.419552	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

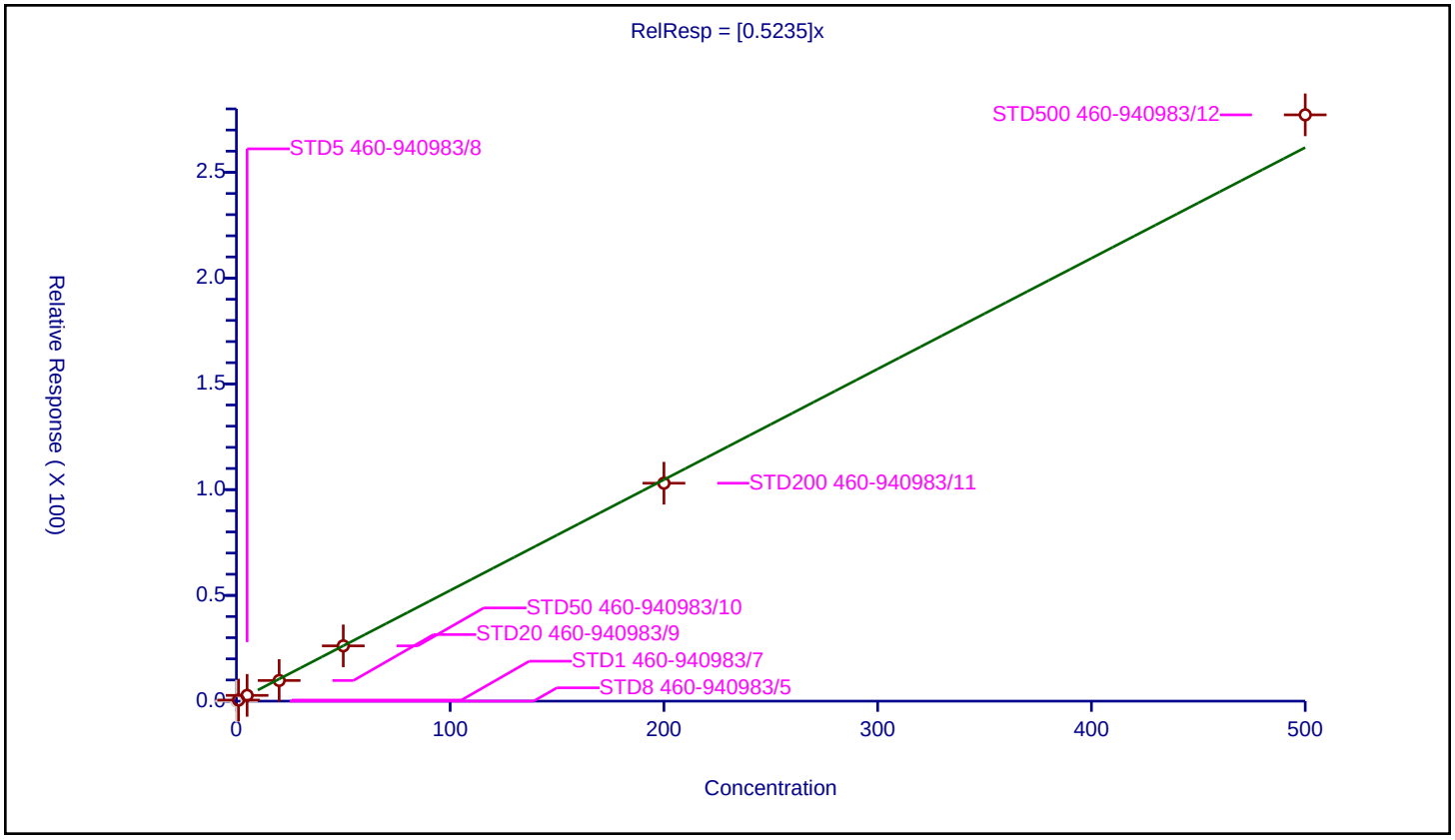
Curve Coefficients

Intercept:	0
Slope:	0.5235

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.514392	50.0	562411.0	0.514392	Y
3	STD5 460-940983/8	5.0	2.72921	50.0	576577.0	0.545842	Y
4	STD20 460-940983/9	20.0	9.765	50.0	598469.0	0.48825	Y
5	STD50 460-940983/10	50.0	26.139621	50.0	628301.0	0.522792	Y
6	STD200 460-940983/11	200.0	103.031537	50.0	653365.0	0.515158	Y
7	STD500 460-940983/12	500.0	277.18515	50.0	707480.0	0.55437	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

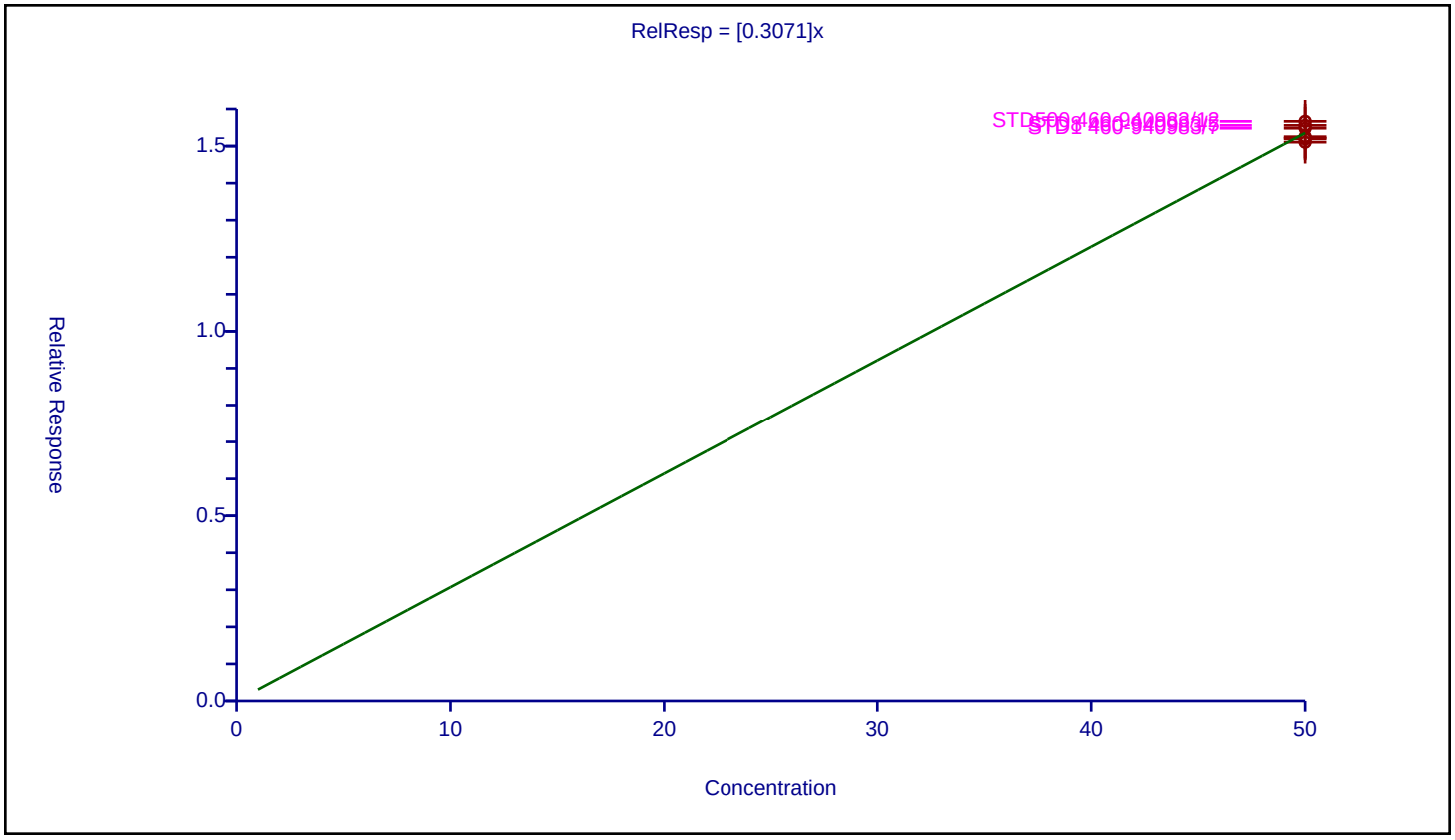
Curve Coefficients

Intercept:	0
Slope:	0.3071

Error Coefficients

Standard Error:	202000
Relative Standard Error:	1.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	15.559218	50.0	510919.0	0.311184	Y
2	STD1 460-940983/7	50.0	15.481205	50.0	562411.0	0.309624	Y
3	STD5 460-940983/8	50.0	15.194848	50.0	576577.0	0.303897	Y
4	STD20 460-940983/9	50.0	15.105795	50.0	598469.0	0.302116	Y
5	STD50 460-940983/10	50.0	15.217229	50.0	628301.0	0.304345	Y
6	STD200 460-940983/11	50.0	15.253572	50.0	653365.0	0.305071	Y
7	STD500 460-940983/12	50.0	15.667863	50.0	707480.0	0.313357	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

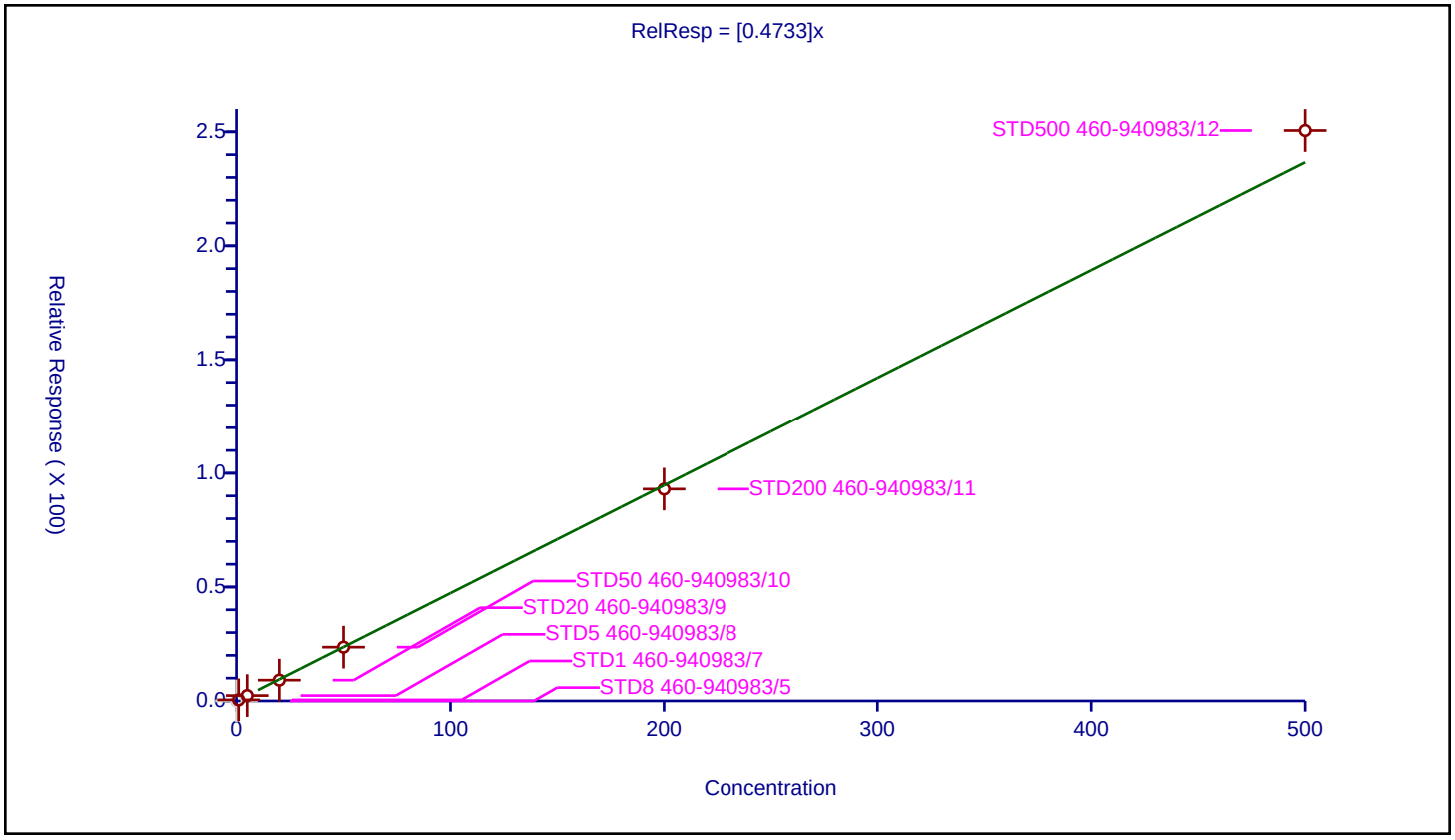
Curve Coefficients

Intercept:	0
Slope:	0.4733

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	3.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.472697	50.0	562411.0	0.472697	Y
3	STD5 460-940983/8	5.0	2.361523	50.0	576577.0	0.472305	Y
4	STD20 460-940983/9	20.0	9.131634	50.0	598469.0	0.456582	Y
5	STD50 460-940983/10	50.0	23.598482	50.0	628301.0	0.47197	Y
6	STD200 460-940983/11	200.0	93.017379	50.0	653365.0	0.465087	Y
7	STD500 460-940983/12	500.0	250.589699	50.0	707480.0	0.501179	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

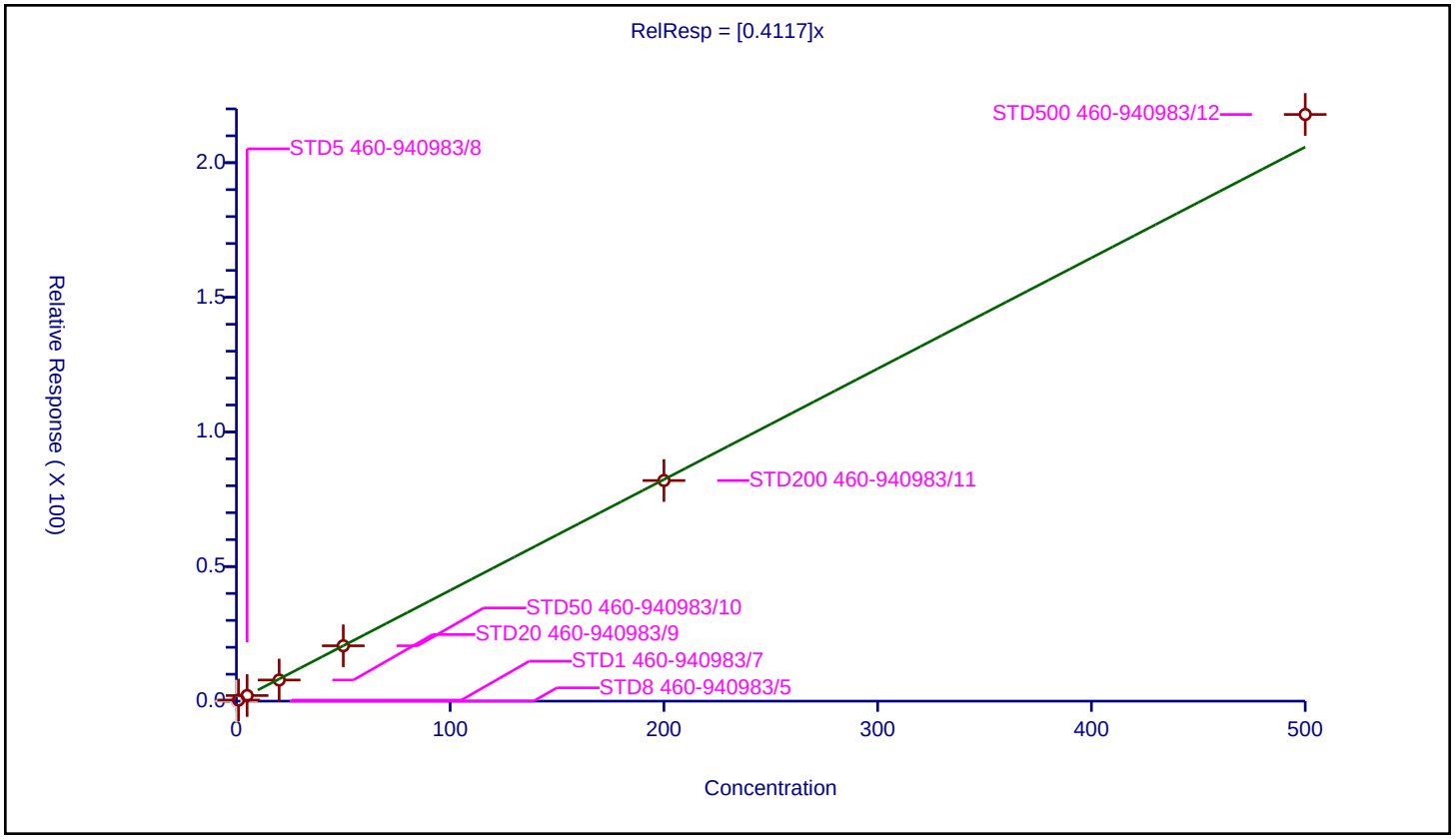
Curve Coefficients

Intercept:	0
Slope:	0.4117

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.404153	50.0	562411.0	0.404153	Y
3	STD5 460-940983/8	5.0	2.082202	50.0	576577.0	0.41644	Y
4	STD20 460-940983/9	20.0	7.851284	50.0	598469.0	0.392564	Y
5	STD50 460-940983/10	50.0	20.561801	50.0	628301.0	0.411236	Y
6	STD200 460-940983/11	200.0	81.950441	50.0	653365.0	0.409752	Y
7	STD500 460-940983/12	500.0	217.926797	50.0	707480.0	0.435854	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

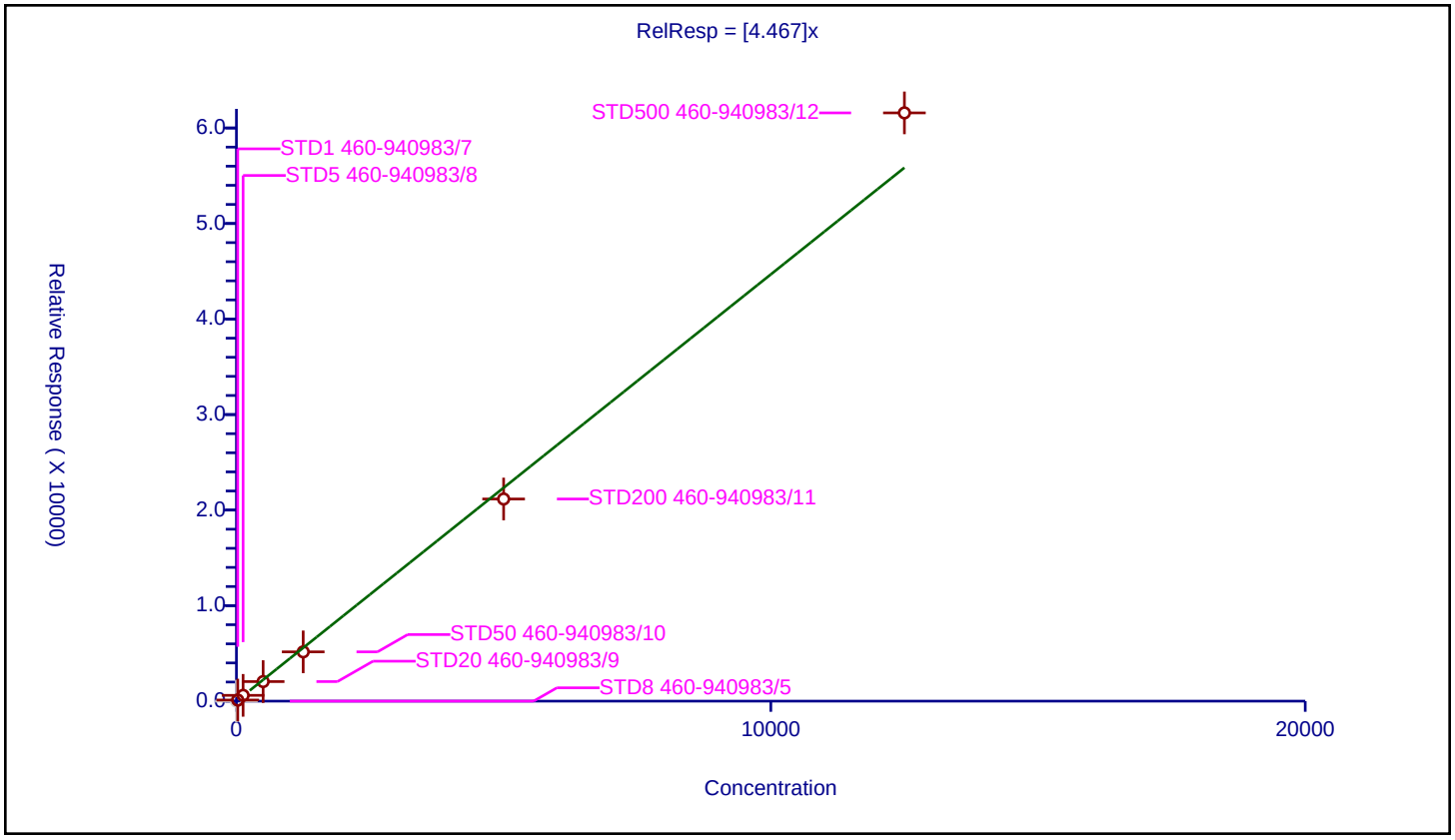
Curve Coefficients

Intercept:	0
Slope:	4.467

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	8.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	25.0	114.391355	1000.0	34889.0	4.575654	Y
3	STD5 460-940983/8	125.0	606.056269	1000.0	34939.0	4.84845	Y
4	STD20 460-940983/9	500.0	2046.772018	1000.0	39297.0	4.093544	Y
5	STD50 460-940983/10	1250.0	5160.243257	1000.0	40451.0	4.128195	Y
6	STD200 460-940983/11	5000.0	21161.963302	1000.0	43763.0	4.232393	Y
7	STD500 460-940983/12	12500.0	61582.285328	1000.0	44370.0	4.926583	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

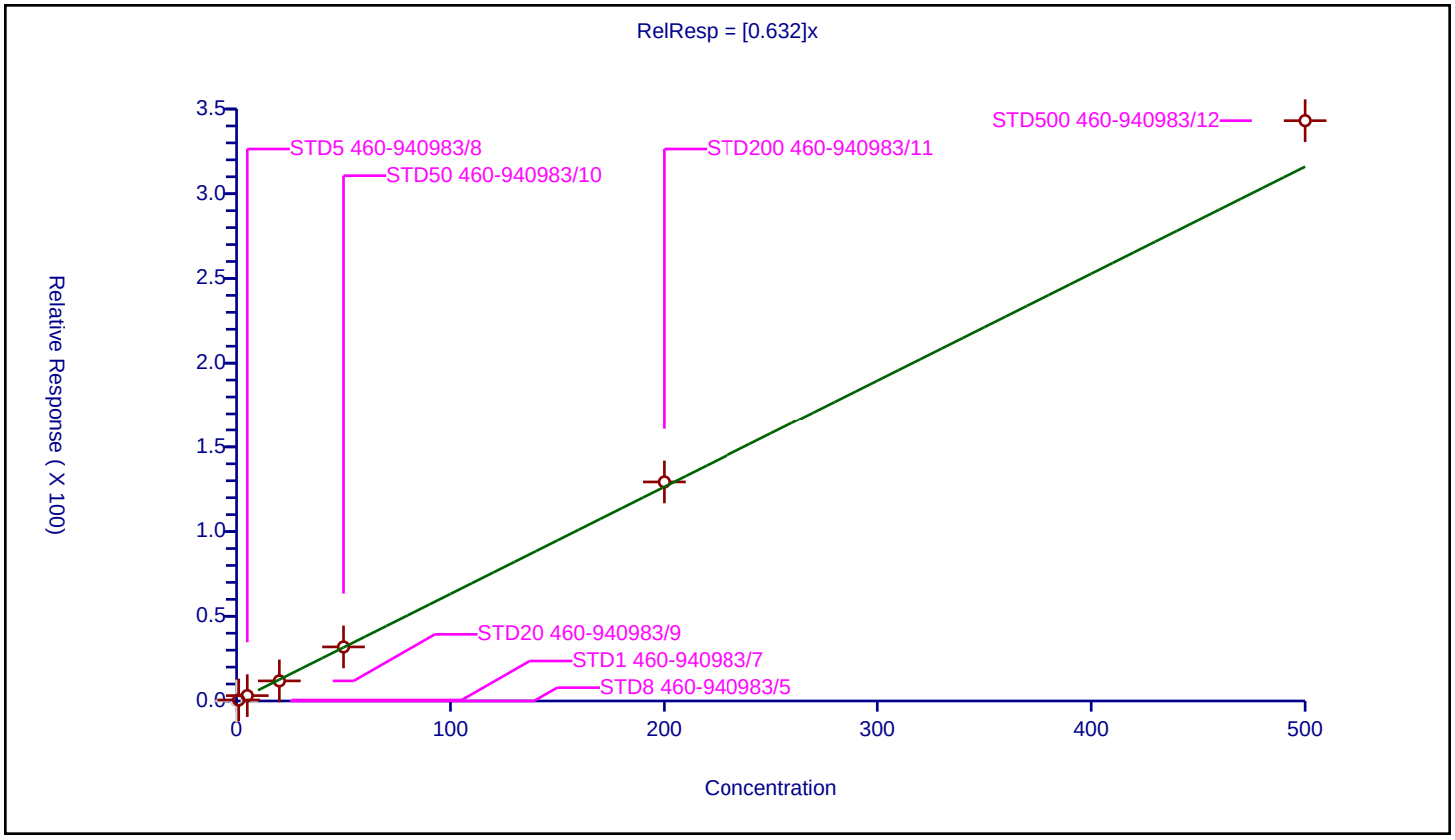
Curve Coefficients

Intercept:	0
Slope:	0.632

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.594672	50.0	562411.0	0.594672	Y
3	STD5 460-940983/8	5.0	3.165319	50.0	576577.0	0.633064	Y
4	STD20 460-940983/9	20.0	11.860013	50.0	598469.0	0.593001	Y
5	STD50 460-940983/10	50.0	31.912809	50.0	628301.0	0.638256	Y
6	STD200 460-940983/11	200.0	129.291284	50.0	653365.0	0.646456	Y
7	STD500 460-940983/12	500.0	343.127368	50.0	707480.0	0.686255	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

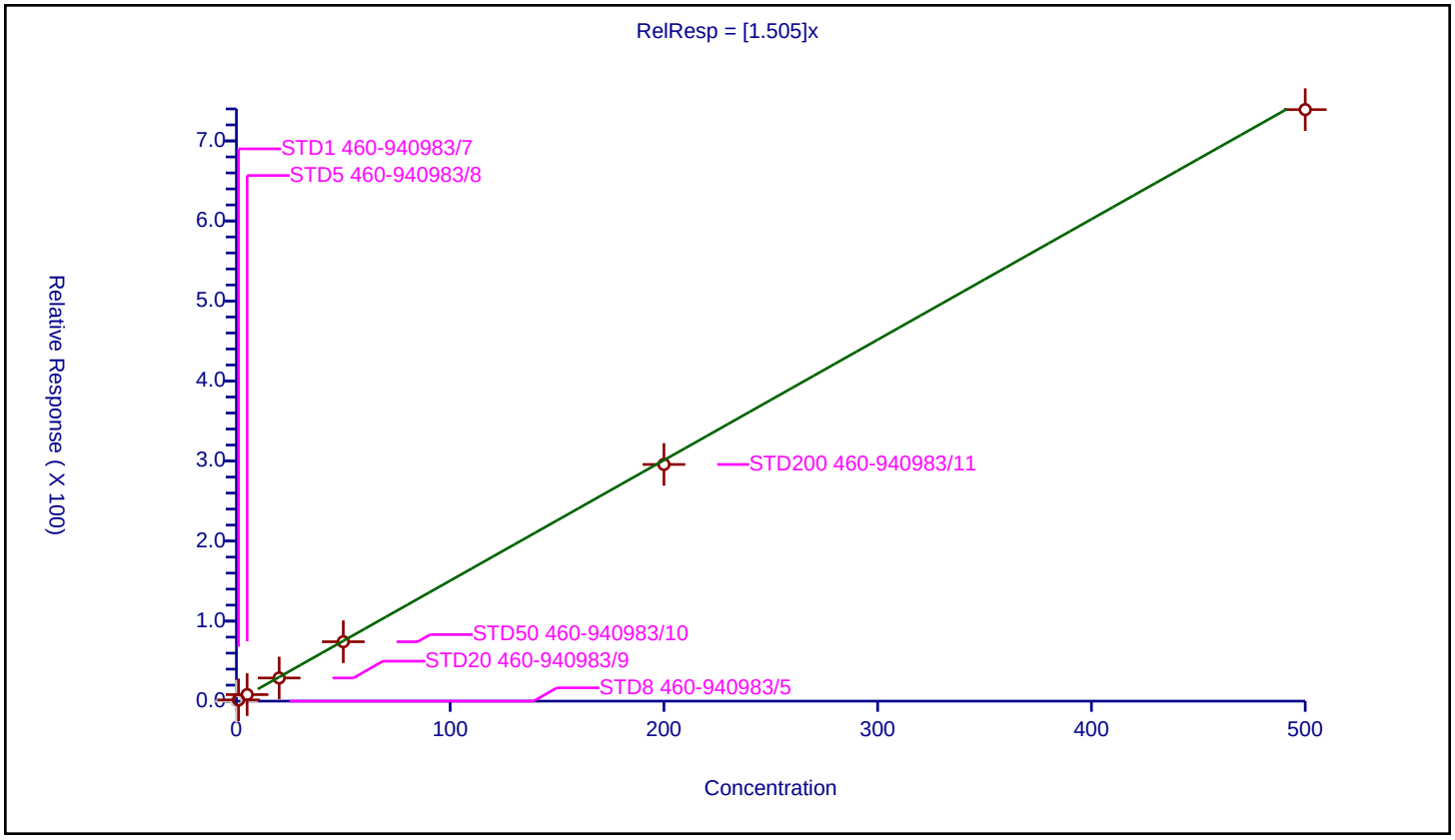
Curve Coefficients

Intercept:	0
Slope:	1.505

Error Coefficients

Standard Error:	4560000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.506588	50.0	464626.0	1.506588	Y
3	STD5 460-940983/8	5.0	8.184752	50.0	475610.0	1.63695	Y
4	STD20 460-940983/9	20.0	28.948376	50.0	488492.0	1.447419	Y
5	STD50 460-940983/10	50.0	74.230879	50.0	521667.0	1.484618	Y
6	STD200 460-940983/11	200.0	295.718337	50.0	569078.0	1.478592	Y
7	STD500 460-940983/12	500.0	739.09647	50.0	648689.0	1.478193	Y



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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

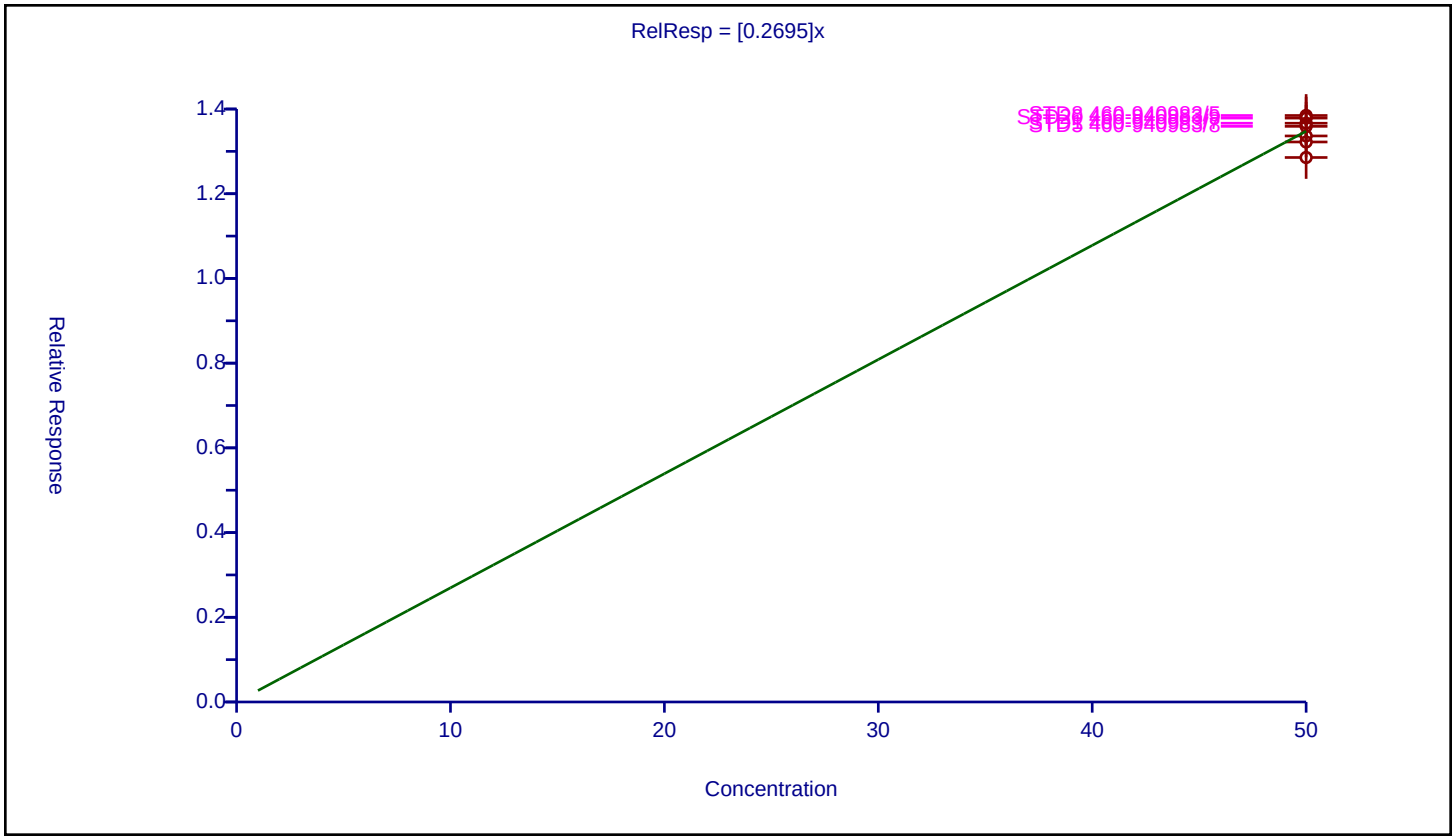
Curve Coefficients

Intercept:	0
Slope:	0.2695

Error Coefficients

Standard Error:	177000
Relative Standard Error:	2.6
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	13.847205	50.0	510919.0	0.276944	Y
2	STD1 460-940983/7	50.0	13.664118	50.0	562411.0	0.273282	Y
3	STD5 460-940983/8	50.0	13.590466	50.0	576577.0	0.271809	Y
4	STD20 460-940983/9	50.0	13.785426	50.0	598469.0	0.275709	Y
5	STD50 460-940983/10	50.0	13.222007	50.0	628301.0	0.26444	Y
6	STD200 460-940983/11	50.0	12.855219	50.0	653365.0	0.257104	Y
7	STD500 460-940983/12	50.0	13.363911	50.0	707480.0	0.267278	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

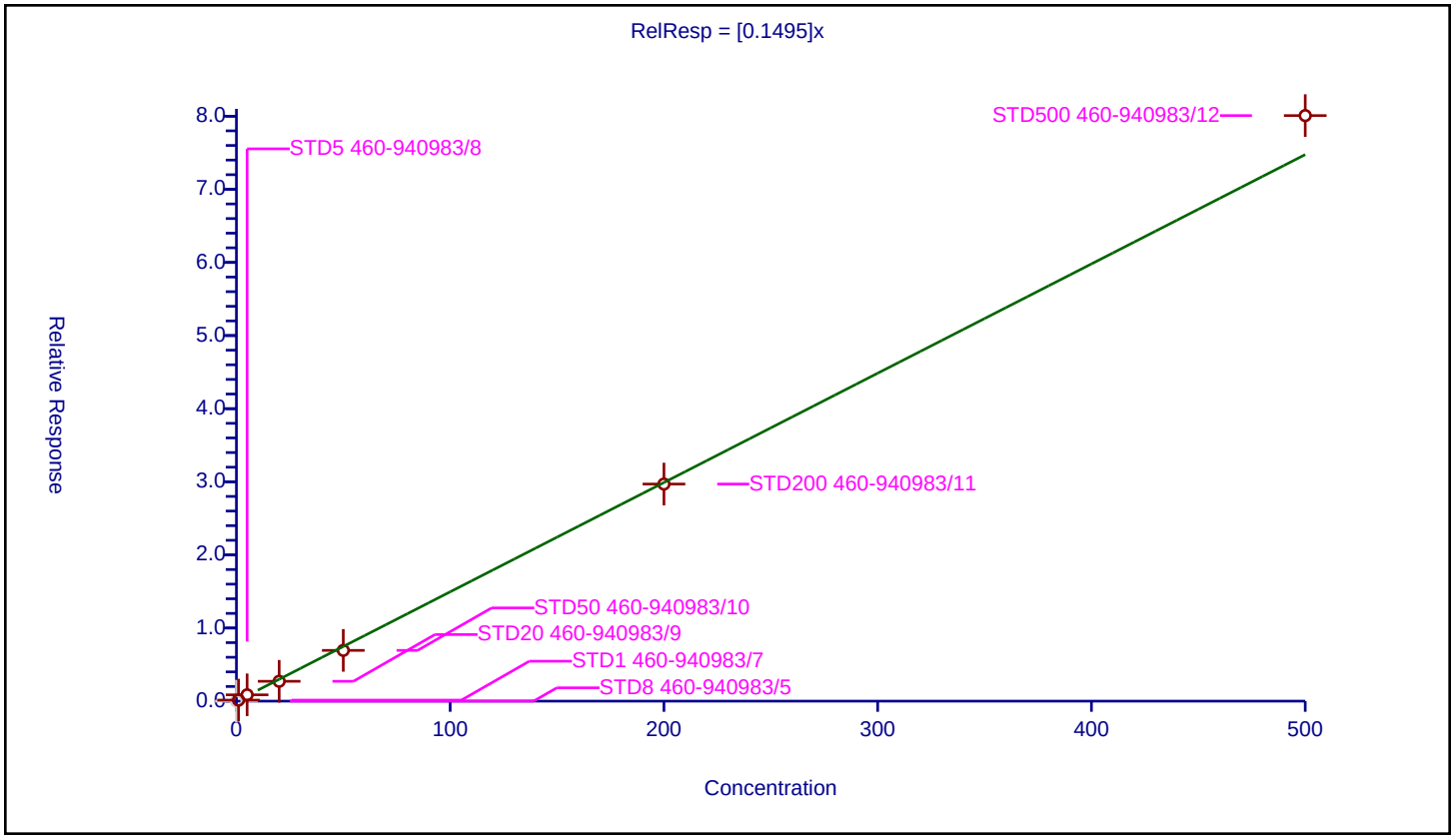
Curve Coefficients

Intercept:	0
Slope:	0.1495

Error Coefficients

Standard Error:	537000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.141178	50.0	562411.0	0.141178	Y
3	STD5 460-940983/8	5.0	0.862591	50.0	576577.0	0.172518	Y
4	STD20 460-940983/9	20.0	2.716599	50.0	598469.0	0.13583	Y
5	STD50 460-940983/10	50.0	6.941339	50.0	628301.0	0.138827	Y
6	STD200 460-940983/11	200.0	29.690449	50.0	653365.0	0.148452	Y
7	STD500 460-940983/12	500.0	80.083253	50.0	707480.0	0.160167	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

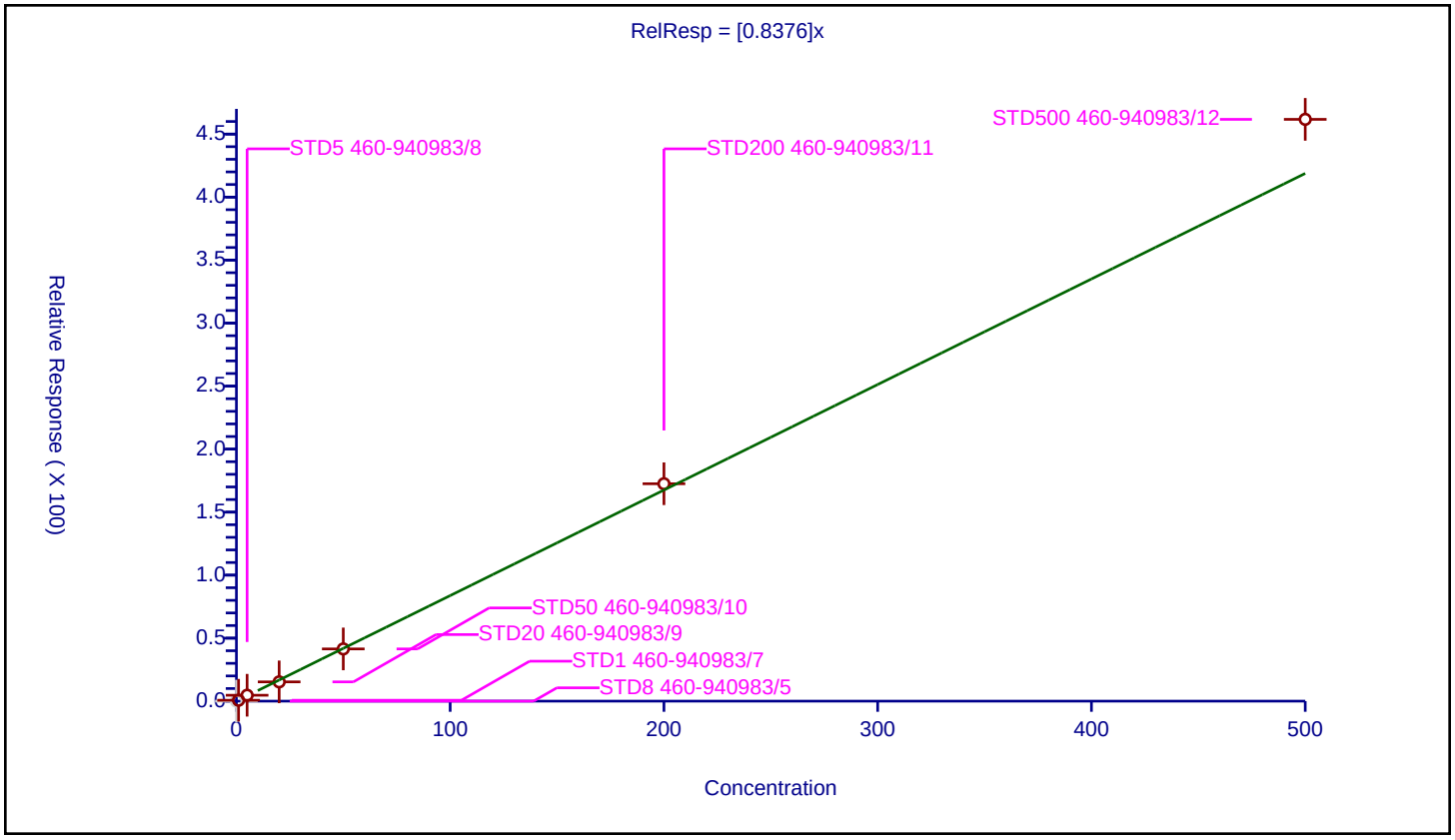
Curve Coefficients

Intercept:	0
Slope:	0.8376

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.710868	50.0	562411.0	0.710868	Y
3	STD5 460-940983/8	5.0	4.677086	50.0	576577.0	0.935417	Y
4	STD20 460-940983/9	20.0	15.283498	50.0	598469.0	0.764175	Y
5	STD50 460-940983/10	50.0	41.444706	50.0	628301.0	0.828894	Y
6	STD200 460-940983/11	200.0	172.523857	50.0	653365.0	0.862619	Y
7	STD500 460-940983/12	500.0	461.700755	50.0	707480.0	0.923402	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

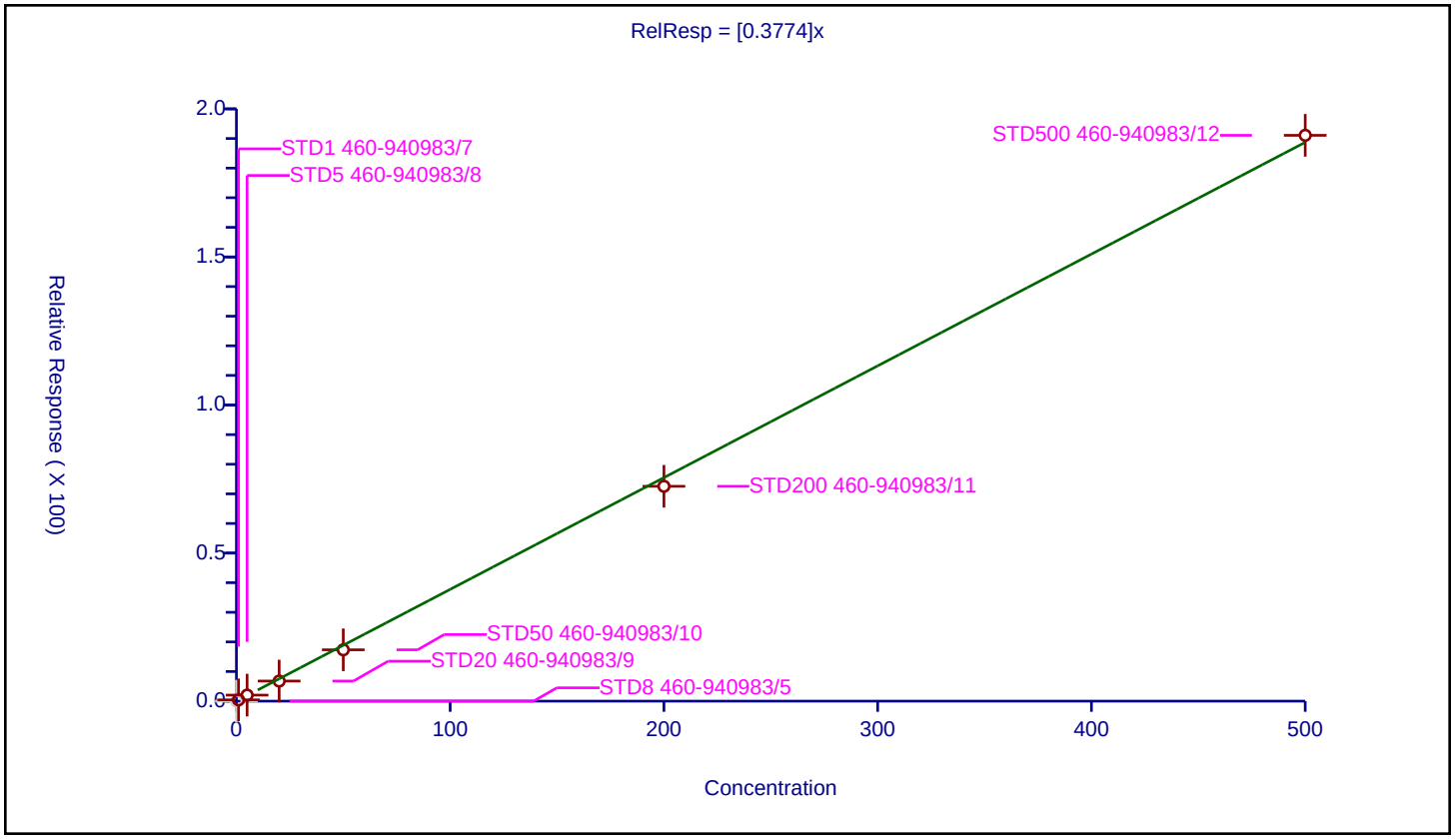
Curve Coefficients

Intercept:	0
Slope:	0.3774

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.425845	50.0	562411.0	0.425845	Y
3	STD5 460-940983/8	5.0	2.038756	50.0	576577.0	0.407751	Y
4	STD20 460-940983/9	20.0	6.78523	50.0	598469.0	0.339262	Y
5	STD50 460-940983/10	50.0	17.33946	50.0	628301.0	0.346789	Y
6	STD200 460-940983/11	200.0	72.552937	50.0	653365.0	0.362765	Y
7	STD500 460-940983/12	500.0	191.07049	50.0	707480.0	0.382141	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

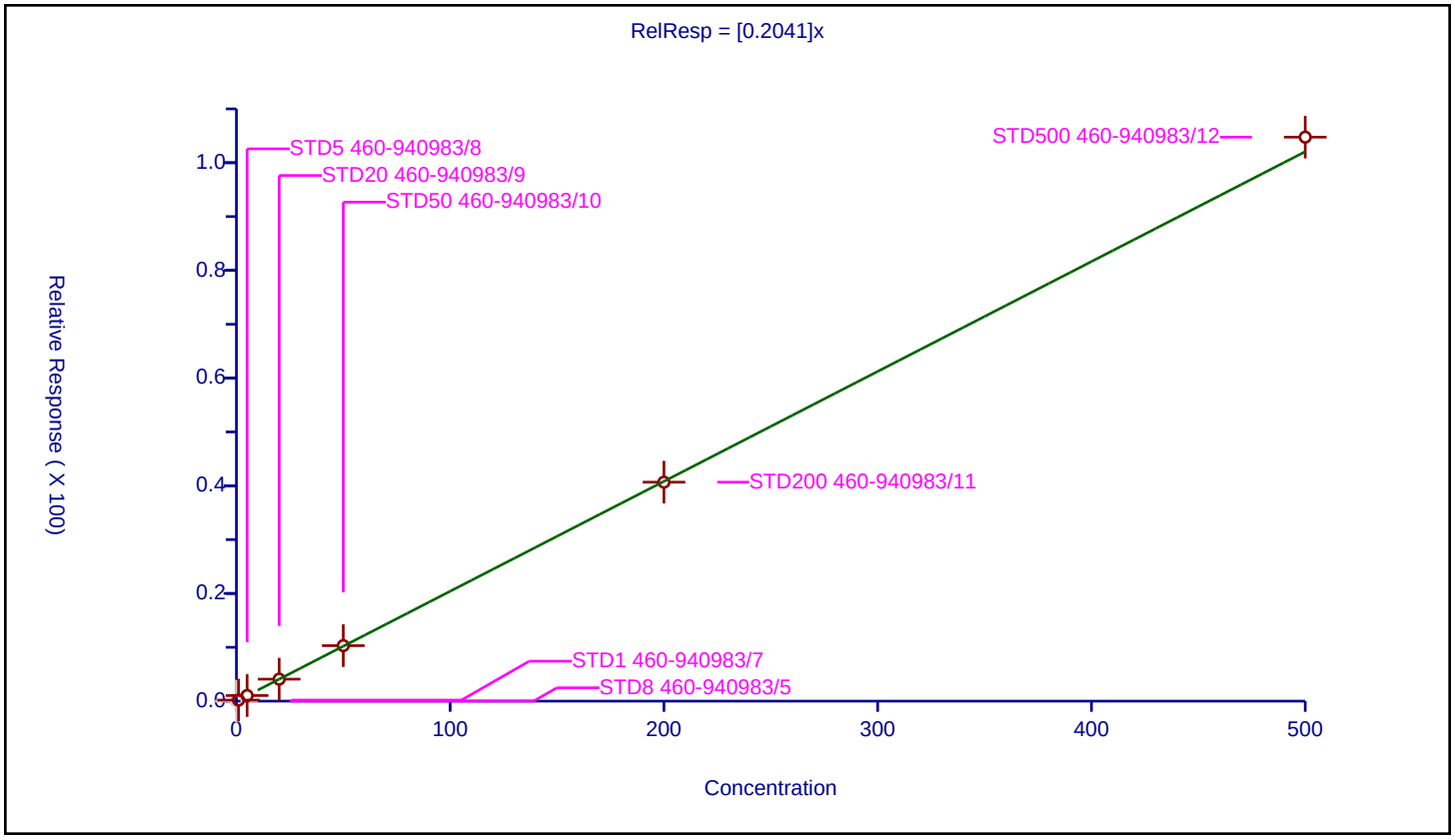
Curve Coefficients

Intercept:	0
Slope:	0.2041

Error Coefficients

Standard Error:	707000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.193097	50.0	562411.0	0.193097	Y
3	STD5 460-940983/8	5.0	1.041665	50.0	576577.0	0.208333	Y
4	STD20 460-940983/9	20.0	4.084339	50.0	598469.0	0.204217	Y
5	STD50 460-940983/10	50.0	10.308435	50.0	628301.0	0.206169	Y
6	STD200 460-940983/11	200.0	40.671906	50.0	653365.0	0.20336	Y
7	STD500 460-940983/12	500.0	104.7513	50.0	707480.0	0.209503	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

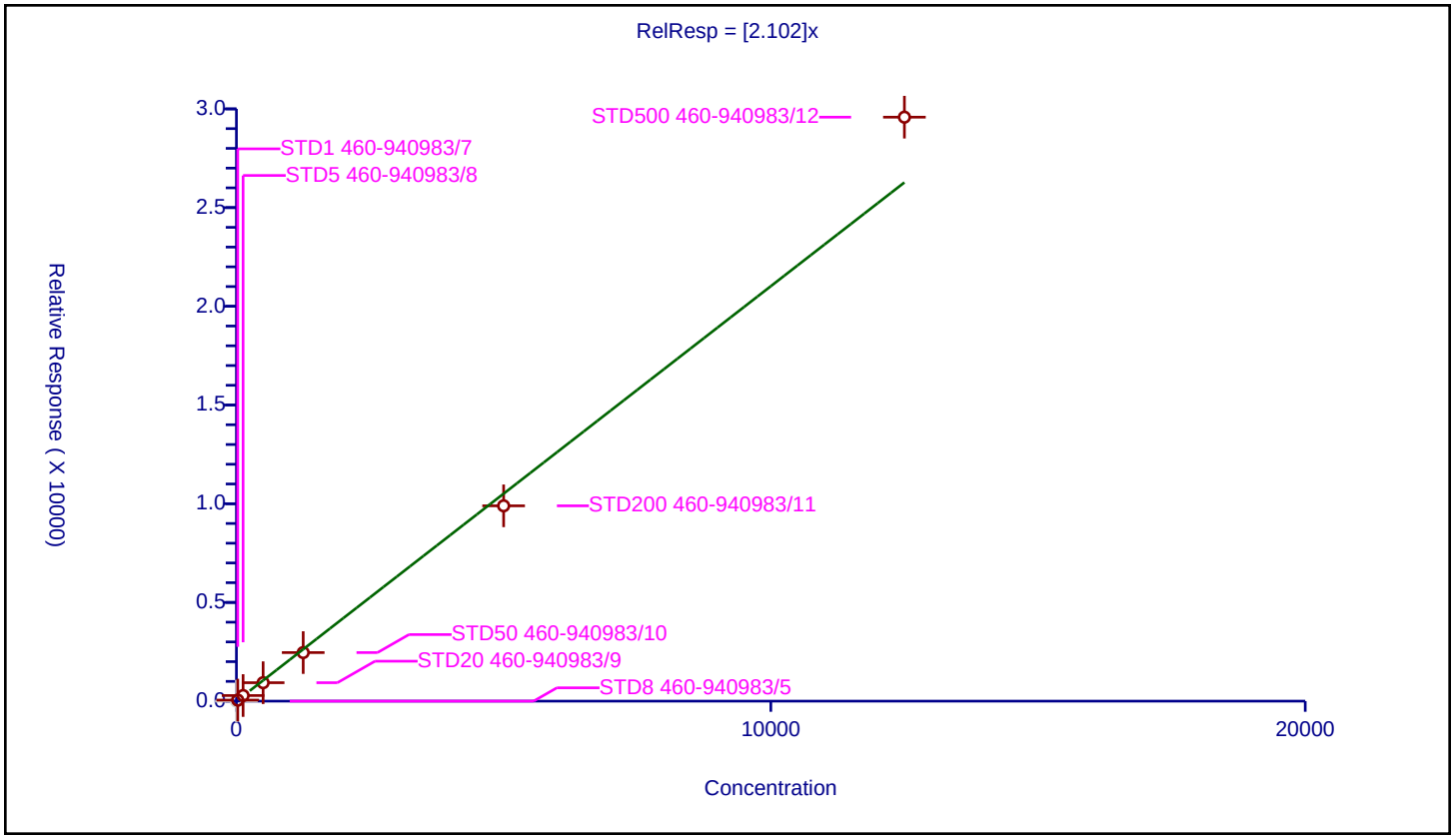
Curve Coefficients

Intercept:	0
Slope:	2.102

Error Coefficients

Standard Error:	607000
Relative Standard Error:	9.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	25.0	53.942503	1000.0	34889.0	2.1577	Y
3	STD5 460-940983/8	125.0	284.15238	1000.0	34939.0	2.273219	Y
4	STD20 460-940983/9	500.0	933.684505	1000.0	39297.0	1.867369	Y
5	STD50 460-940983/10	1250.0	2460.186398	1000.0	40451.0	1.968149	Y
6	STD200 460-940983/11	5000.0	9893.380253	1000.0	43763.0	1.978676	Y
7	STD500 460-940983/12	12500.0	29580.009015	1000.0	44370.0	2.366401	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

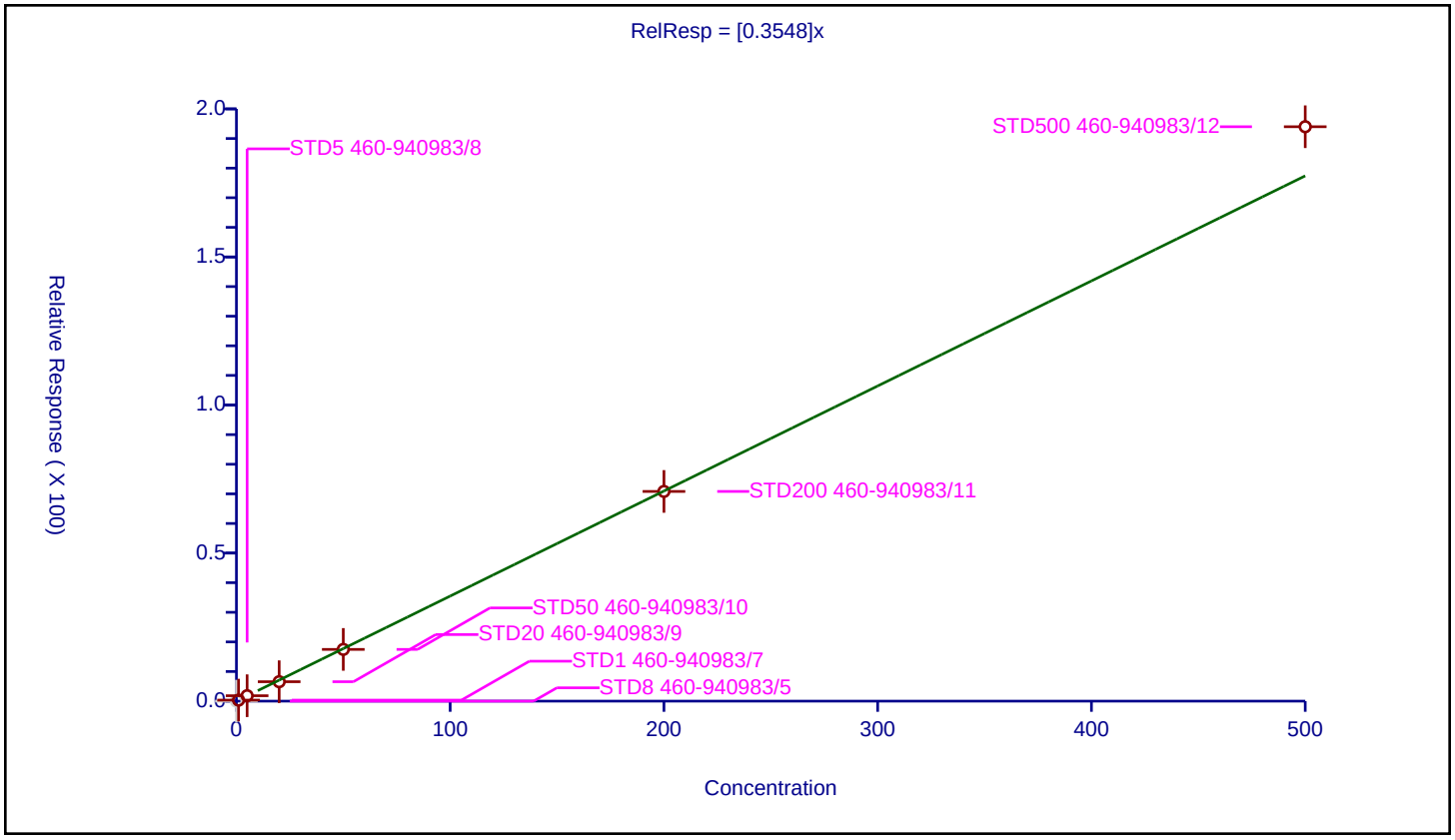
Curve Coefficients

Intercept:	0
Slope:	0.3548

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.342721	50.0	562411.0	0.342721	Y
3	STD5 460-940983/8	5.0	1.83306	50.0	576577.0	0.366612	Y
4	STD20 460-940983/9	20.0	6.557315	50.0	598469.0	0.327866	Y
5	STD50 460-940983/10	50.0	17.47005	50.0	628301.0	0.349401	Y
6	STD200 460-940983/11	200.0	70.81922	50.0	653365.0	0.354096	Y
7	STD500 460-940983/12	500.0	193.976862	50.0	707480.0	0.387954	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

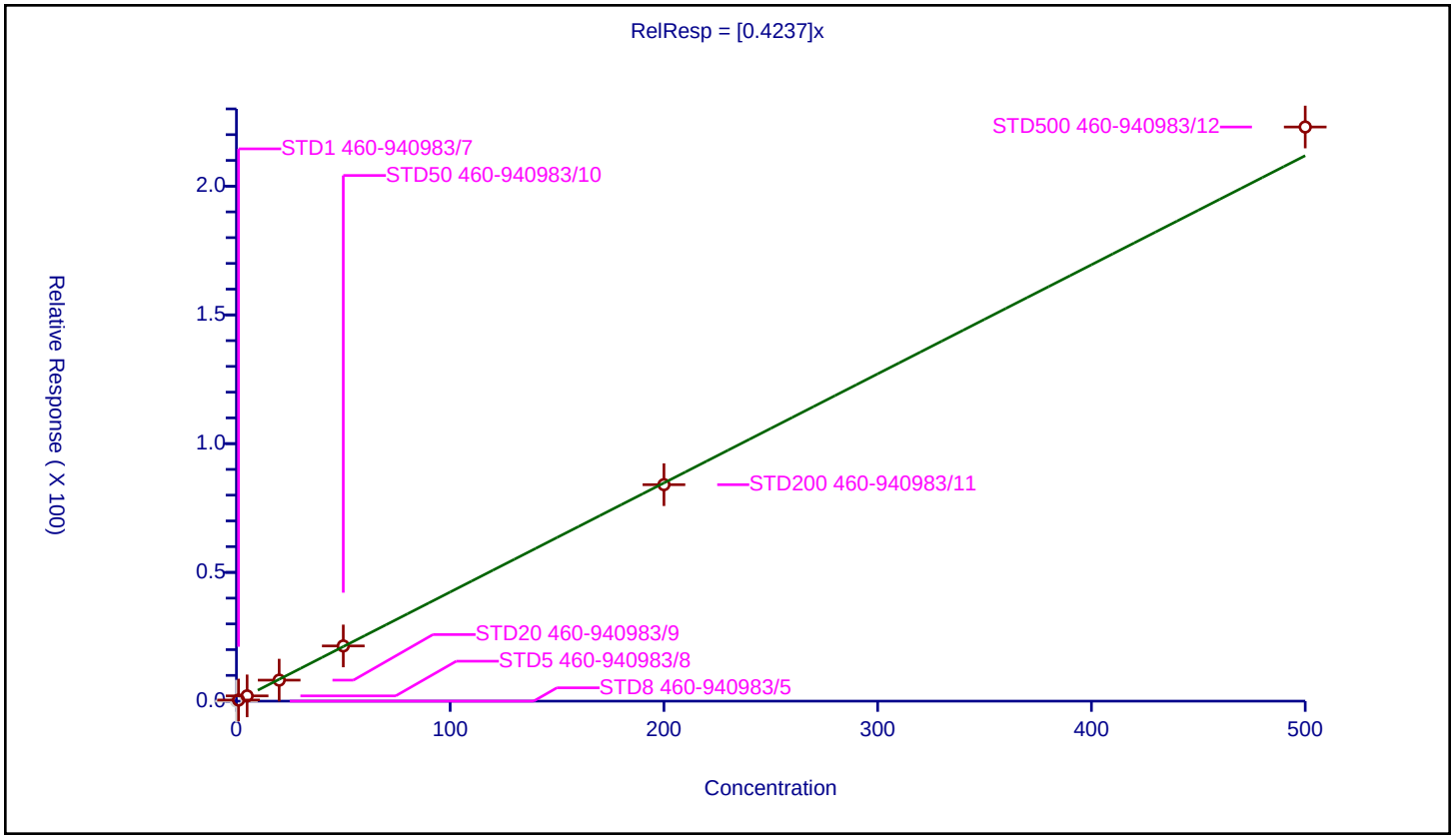
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.431357	50.0	562411.0	0.431357	Y
3	STD5 460-940983/8	5.0	2.038583	50.0	576577.0	0.407717	Y
4	STD20 460-940983/9	20.0	8.160406	50.0	598469.0	0.40802	Y
5	STD50 460-940983/10	50.0	21.433915	50.0	628301.0	0.428678	Y
6	STD200 460-940983/11	200.0	84.069395	50.0	653365.0	0.420347	Y
7	STD500 460-940983/12	500.0	222.969271	50.0	707480.0	0.445939	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

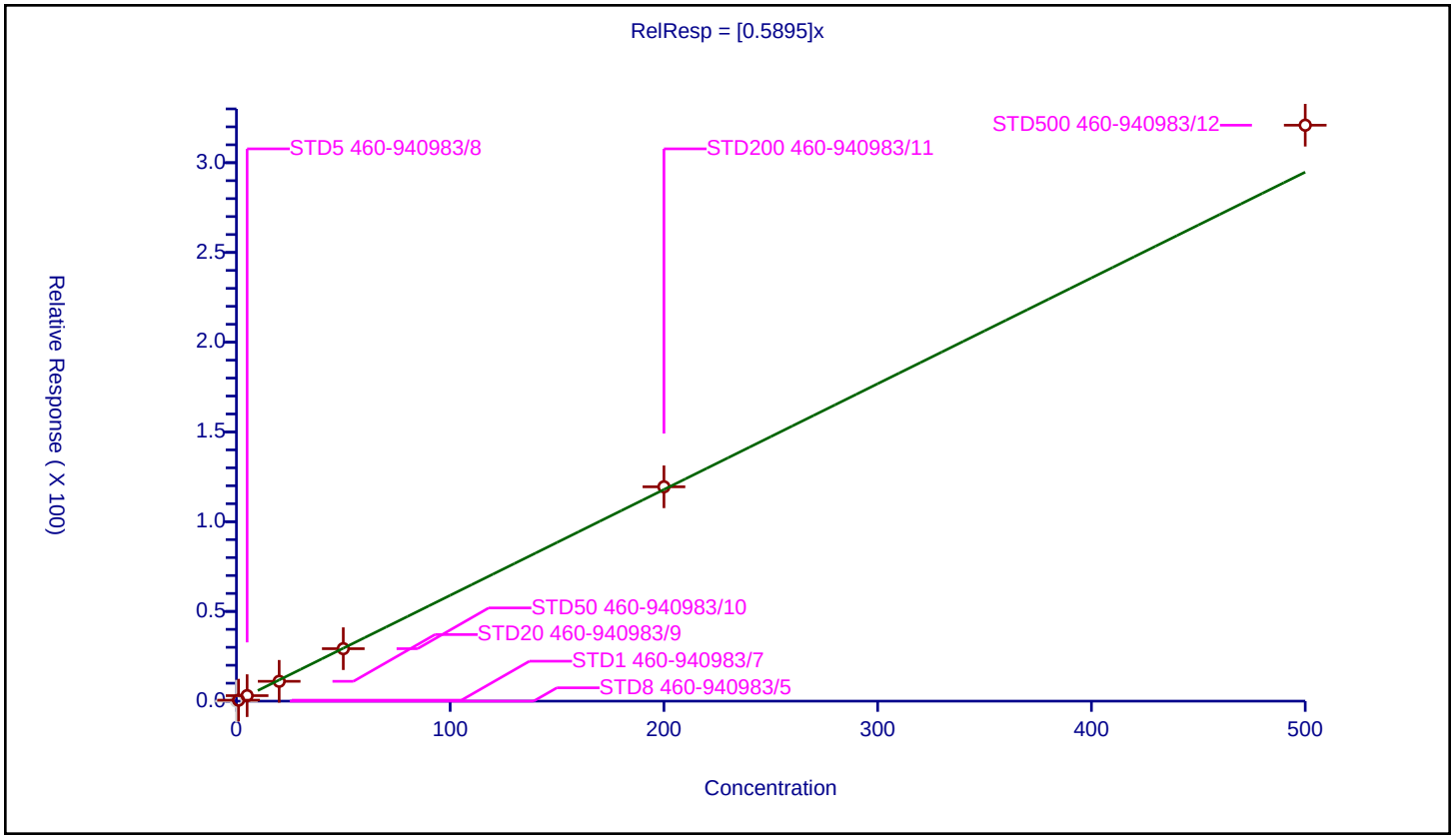
Curve Coefficients

Intercept:	0
Slope:	0.5895

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	6.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.54862	50.0	562411.0	0.54862	Y
3	STD5 460-940983/8	5.0	3.06247	50.0	576577.0	0.612494	Y
4	STD20 460-940983/9	20.0	11.047523	50.0	598469.0	0.552376	Y
5	STD50 460-940983/10	50.0	29.232406	50.0	628301.0	0.584648	Y
6	STD200 460-940983/11	200.0	119.426813	50.0	653365.0	0.597134	Y
7	STD500 460-940983/12	500.0	320.924478	50.0	707480.0	0.641849	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

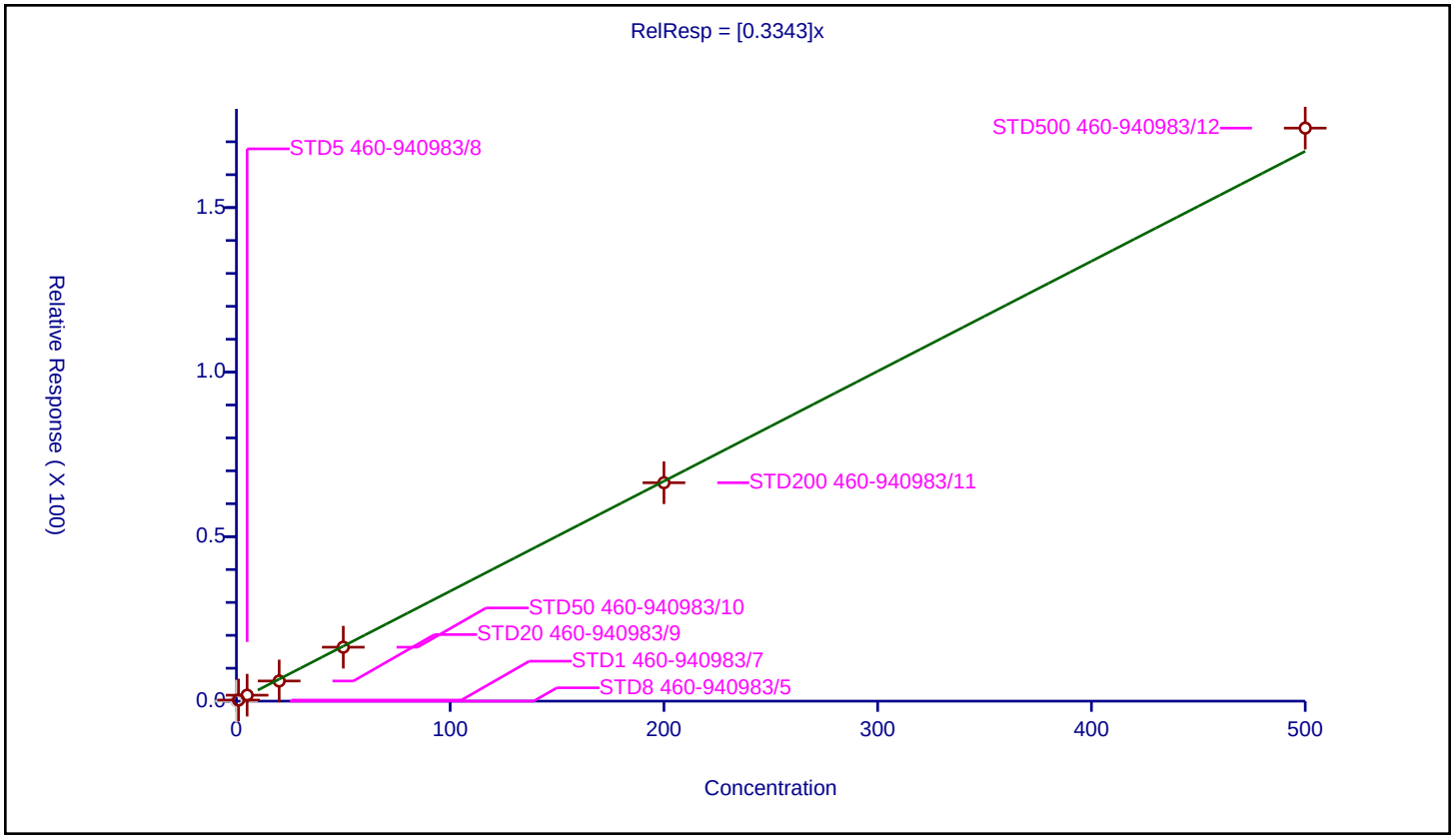
Curve Coefficients

Intercept:	0
Slope:	0.3343

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.328585	50.0	562411.0	0.328585	Y
3	STD5 460-940983/8	5.0	1.812941	50.0	576577.0	0.362588	Y
4	STD20 460-940983/9	20.0	6.12421	50.0	598469.0	0.306211	Y
5	STD50 460-940983/10	50.0	16.3966	50.0	628301.0	0.327932	Y
6	STD200 460-940983/11	200.0	66.382038	50.0	653365.0	0.33191	Y
7	STD500 460-940983/12	500.0	174.161531	50.0	707480.0	0.348323	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

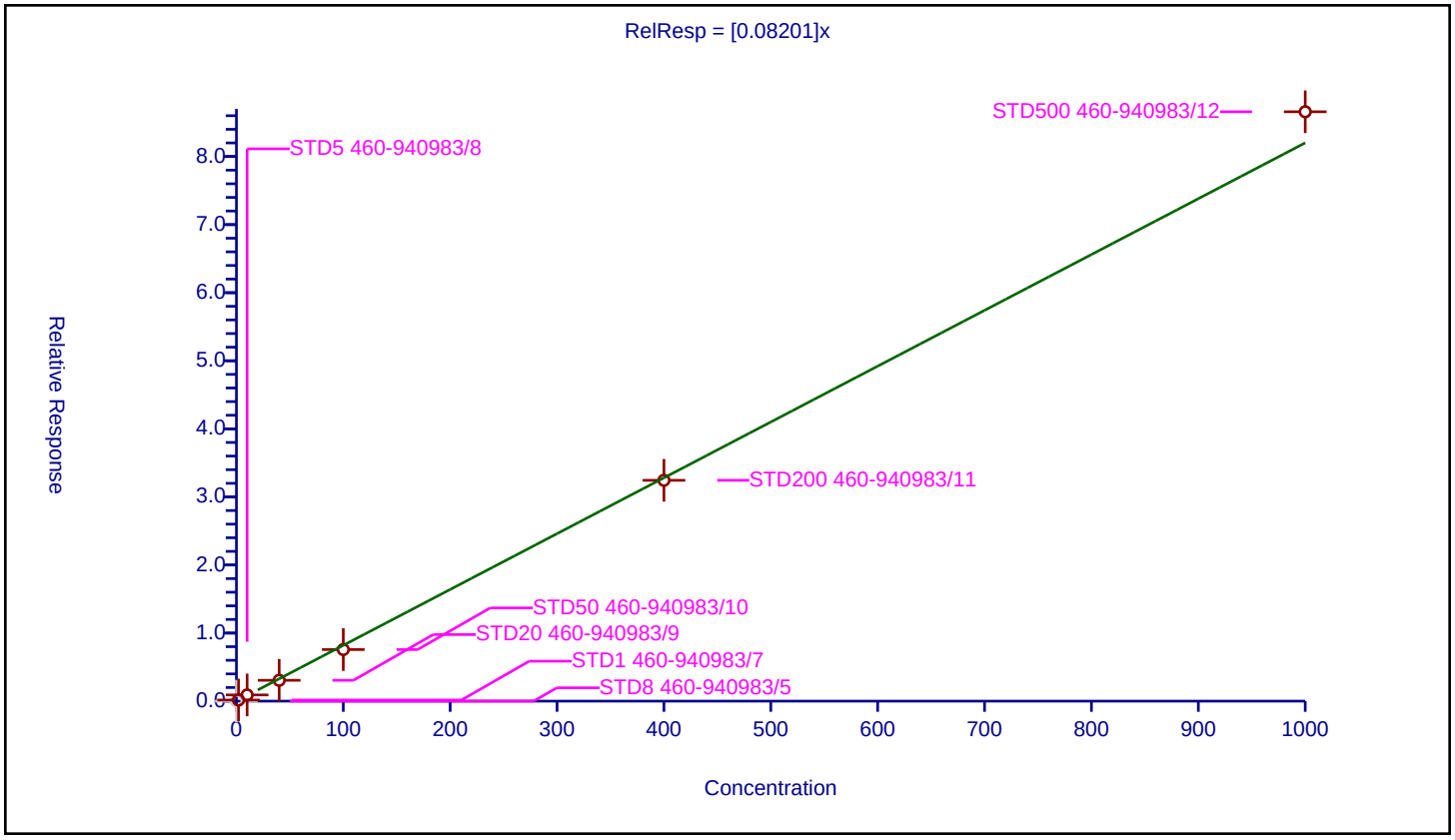
Curve Coefficients

Intercept:	0
Slope:	0.08201

Error Coefficients

Standard Error:	581000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.162604	50.0	562411.0	0.081302	Y
3	STD5 460-940983/8	10.0	0.908205	50.0	576577.0	0.09082	Y
4	STD20 460-940983/9	40.0	3.059641	50.0	598469.0	0.076491	Y
5	STD50 460-940983/10	100.0	7.576862	50.0	628301.0	0.075769	Y
6	STD200 460-940983/11	400.0	32.441361	50.0	653365.0	0.081103	Y
7	STD500 460-940983/12	1000.0	86.576511	50.0	707480.0	0.086577	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

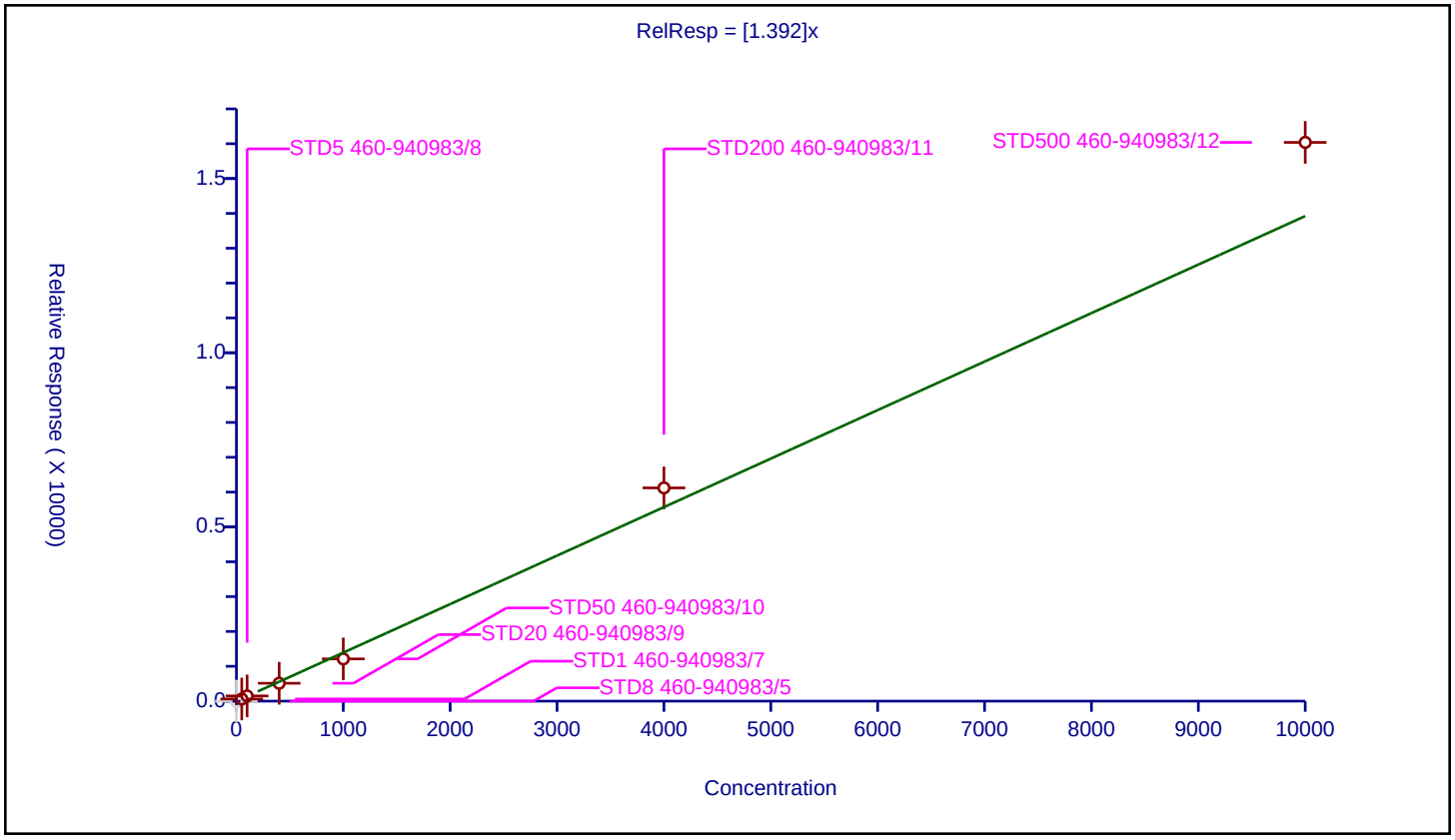
Curve Coefficients

Intercept:	0
Slope:	1.392

Error Coefficients

Standard Error:	249000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	27211.0	NaN	N
2	STD1 460-940983/7	50.000062	61.384655	1000.0	30708.0	1.227692	Y
3	STD5 460-940983/8	100.0	149.596904	1000.0	31010.0	1.495969	Y
4	STD20 460-940983/9	400.0	513.703156	1000.0	31781.0	1.284258	Y
5	STD50 460-940983/10	1000.0	1211.883154	1000.0	35260.0	1.211883	Y
6	STD200 460-940983/11	4000.0	6121.103237	1000.0	30057.0	1.530276	Y
7	STD500 460-940983/12	10000.0	16037.973553	1000.0	33576.0	1.603797	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

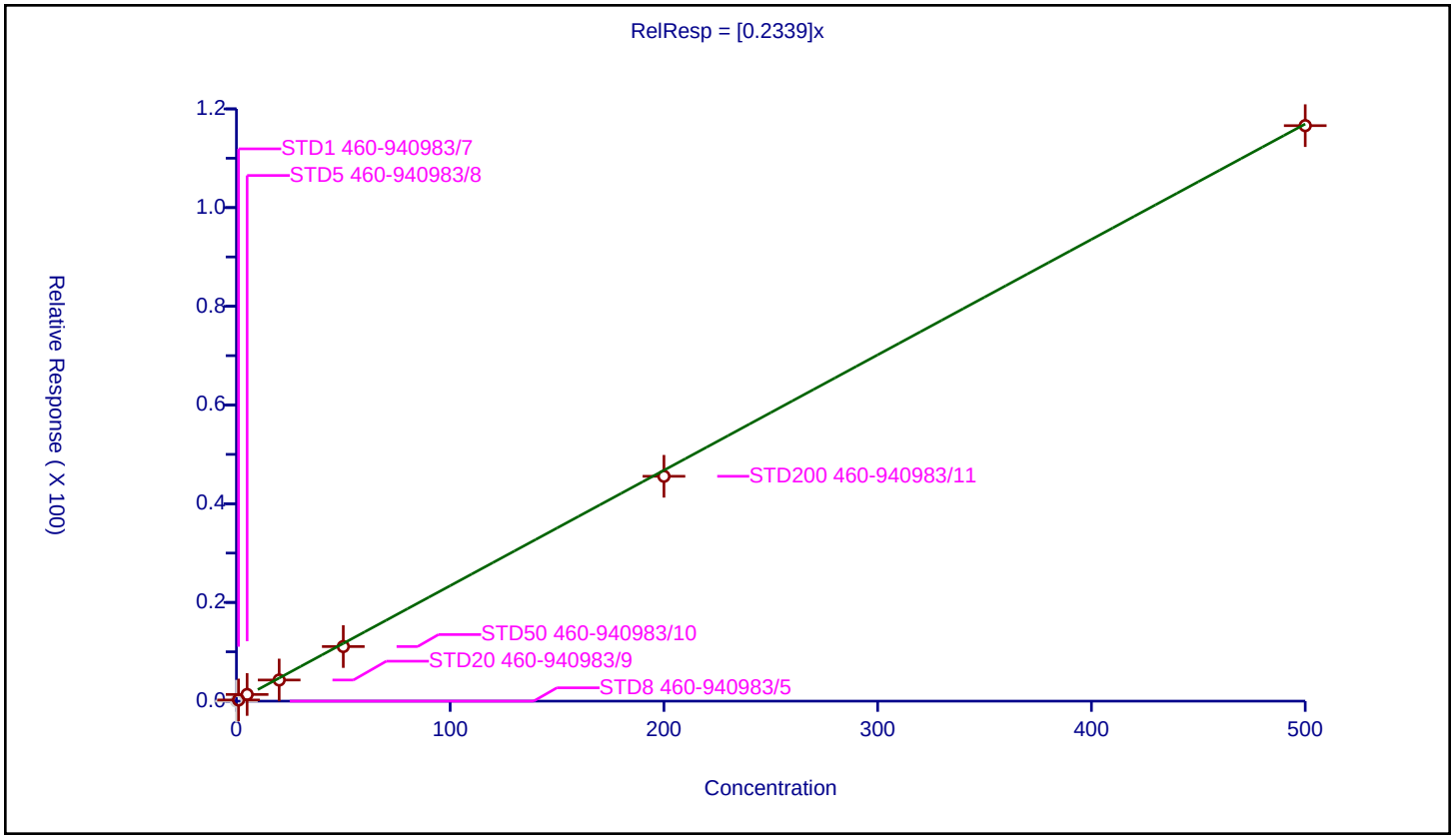
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Standard Error:	787000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.236482	50.0	562411.0	0.236482	Y
3	STD5 460-940983/8	5.0	1.351597	50.0	576577.0	0.270319	Y
4	STD20 460-940983/9	20.0	4.284349	50.0	598469.0	0.214217	Y
5	STD50 460-940983/10	50.0	11.062214	50.0	628301.0	0.221244	Y
6	STD200 460-940983/11	200.0	45.559067	50.0	653365.0	0.227795	Y
7	STD500 460-940983/12	500.0	116.603791	50.0	707480.0	0.233208	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

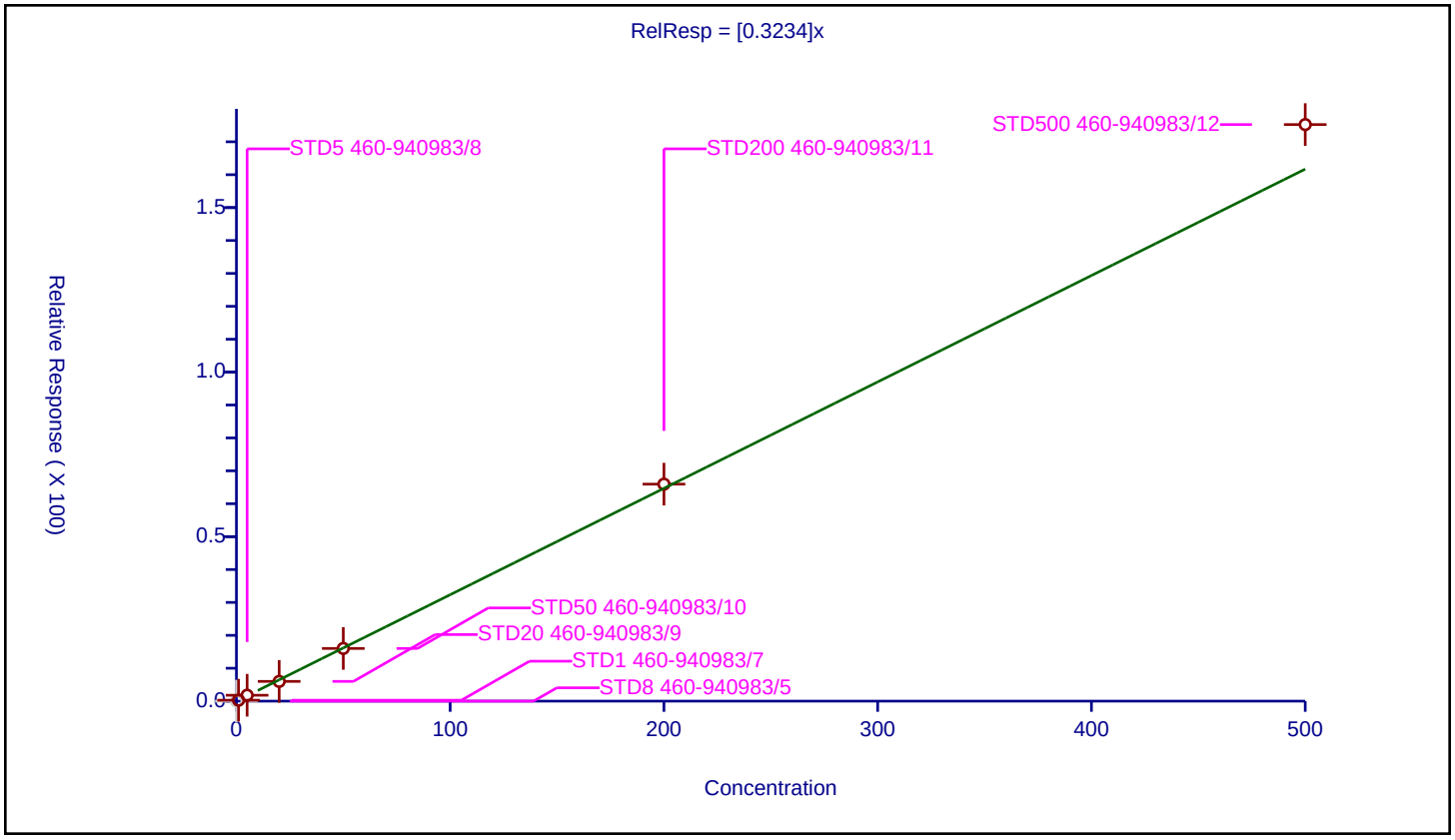
Curve Coefficients

Intercept:	0
Slope:	0.3234

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.281467	50.0	562411.0	0.281467	Y
3	STD5 460-940983/8	5.0	1.791955	50.0	576577.0	0.358391	Y
4	STD20 460-940983/9	20.0	5.998222	50.0	598469.0	0.299911	Y
5	STD50 460-940983/10	50.0	16.016607	50.0	628301.0	0.320332	Y
6	STD200 460-940983/11	200.0	65.953104	50.0	653365.0	0.329766	Y
7	STD500 460-940983/12	500.0	175.234212	50.0	707480.0	0.350468	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

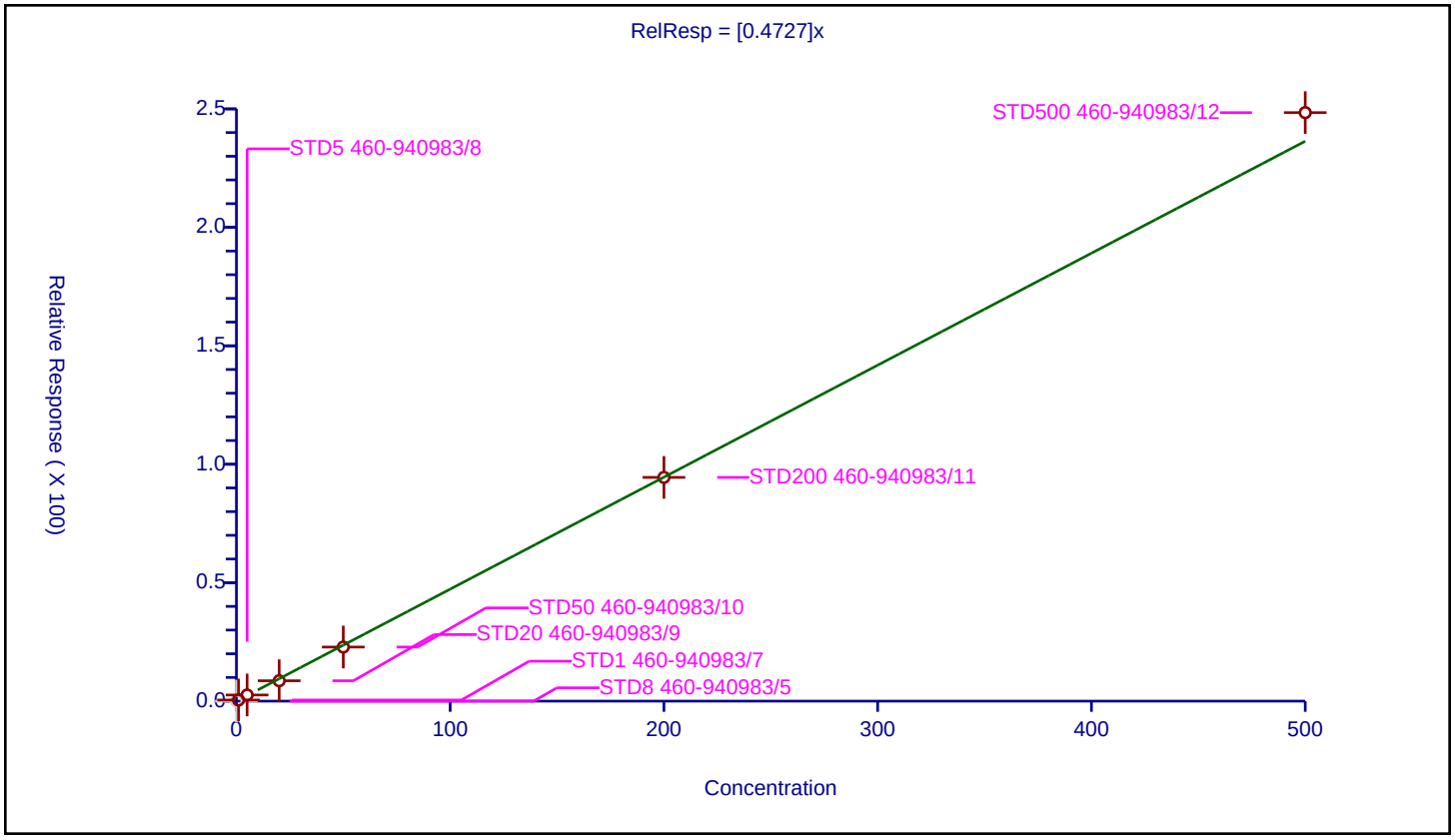
Curve Coefficients

Intercept:	0
Slope:	0.4727

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.462118	50.0	562411.0	0.462118	Y
3	STD5 460-940983/8	5.0	2.590807	50.0	576577.0	0.518161	Y
4	STD20 460-940983/9	20.0	8.608884	50.0	598469.0	0.430444	Y
5	STD50 460-940983/10	50.0	22.824092	50.0	628301.0	0.456482	Y
6	STD200 460-940983/11	200.0	94.443229	50.0	653365.0	0.472216	Y
7	STD500 460-940983/12	500.0	248.422994	50.0	707480.0	0.496846	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

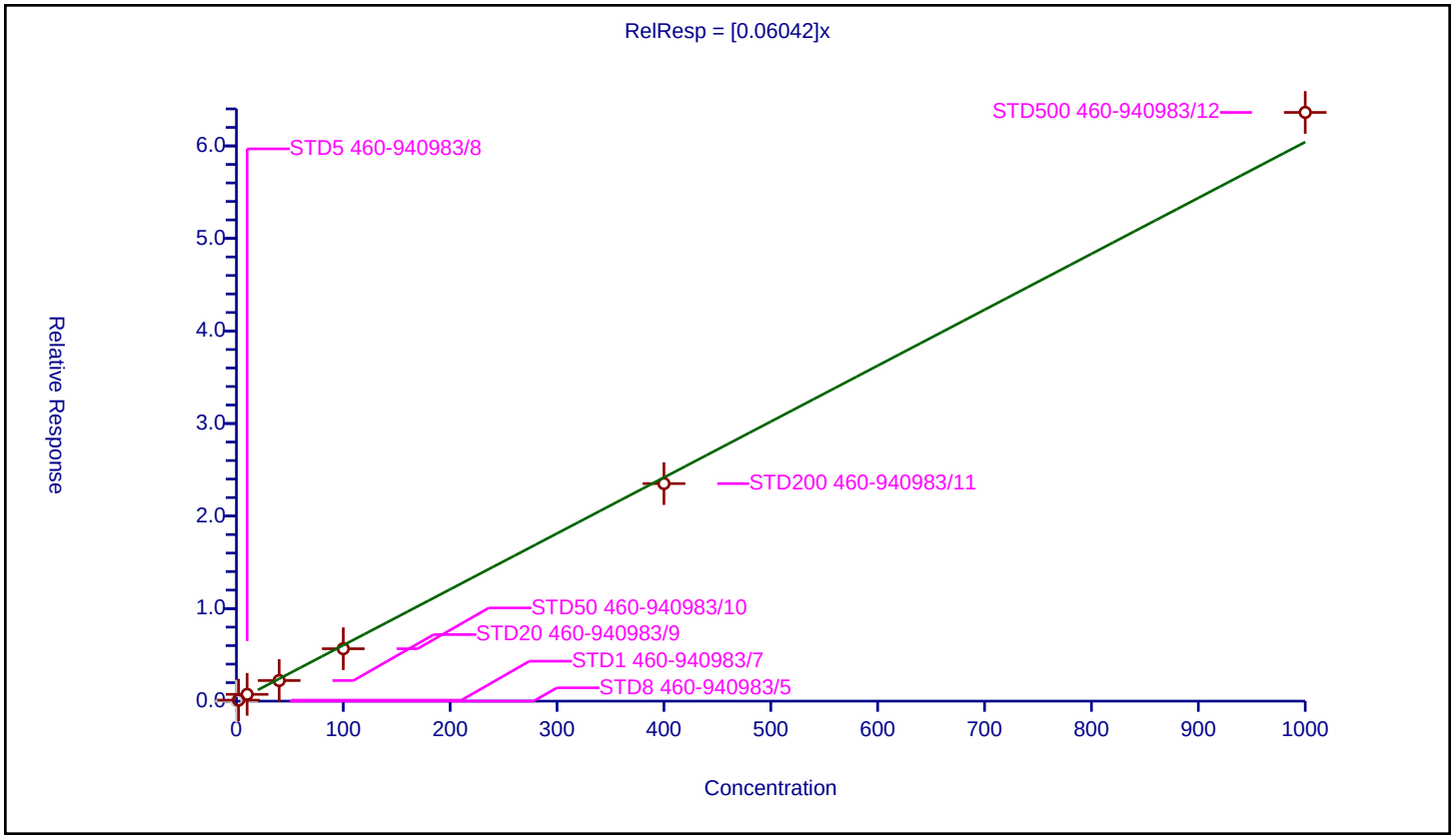
Curve Coefficients

Intercept:	0
Slope:	0.06042

Error Coefficients

Standard Error:	427000
Relative Standard Error:	11.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.108728	50.0	562411.0	0.054364	Y
3	STD5 460-940983/8	10.0	0.734854	50.0	576577.0	0.073485	Y
4	STD20 460-940983/9	40.0	2.225345	50.0	598469.0	0.055634	Y
5	STD50 460-940983/10	100.0	5.662891	50.0	628301.0	0.056629	Y
6	STD200 460-940983/11	400.0	23.510978	50.0	653365.0	0.058777	Y
7	STD500 460-940983/12	1000.0	63.618336	50.0	707480.0	0.063618	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

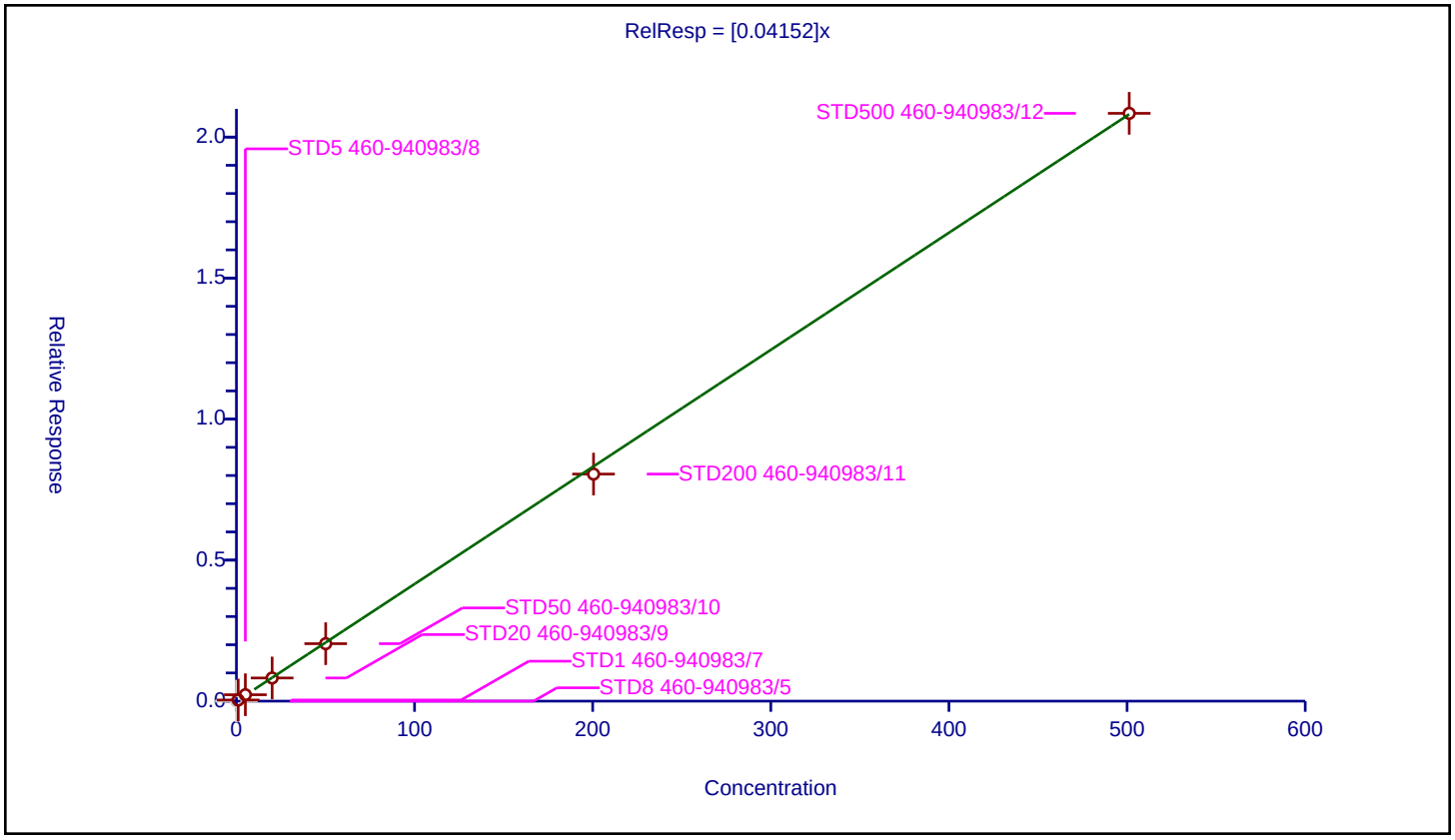
Curve Coefficients

Intercept:	0
Slope:	0.04152

Error Coefficients

Standard Error:	141000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0024	0.04054	50.0	562411.0	0.040443	Y
3	STD5 460-940983/8	5.012	0.227116	50.0	576577.0	0.045314	Y
4	STD20 460-940983/9	20.048	0.821513	50.0	598469.0	0.040977	Y
5	STD50 460-940983/10	50.12	2.037161	50.0	628301.0	0.040646	Y
6	STD200 460-940983/11	200.48	8.051549	50.0	653365.0	0.040161	Y
7	STD500 460-940983/12	501.2	20.842144	50.0	707480.0	0.041584	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

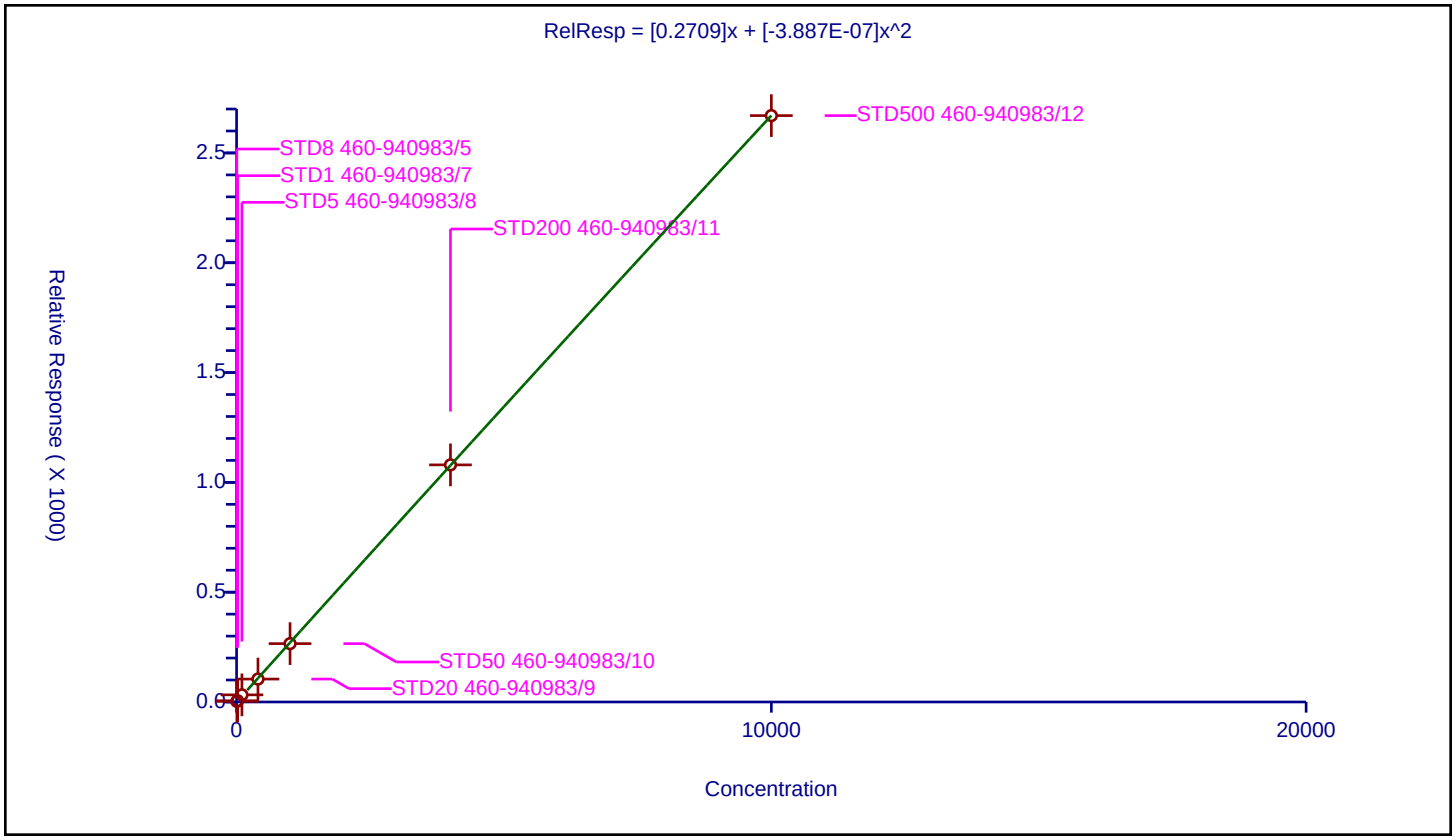
Curve Coefficients

Intercept:	0
Slope:	0.2709
Second Order:	-3.887E-07

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	52.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	5.000009	2.909384	250.0	230633.0	0.581876	Y
2	STD1 460-940983/7	20.000035	5.591544	250.0	244521.0	0.279577	Y
3	STD5 460-940983/8	100.000173	32.437108	250.0	259849.0	0.324371	Y
4	STD20 460-940983/9	400.000692	104.328617	250.0	278634.0	0.260821	Y
5	STD50 460-940983/10	1000.00173	265.7464	250.0	294353.0	0.265746	Y
6	STD200 460-940983/11	4000.00692	1079.643724	250.0	318236.0	0.26991	Y
7	STD500 460-940983/12	10000.0173	2669.979204	250.0	368826.0	0.266997	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

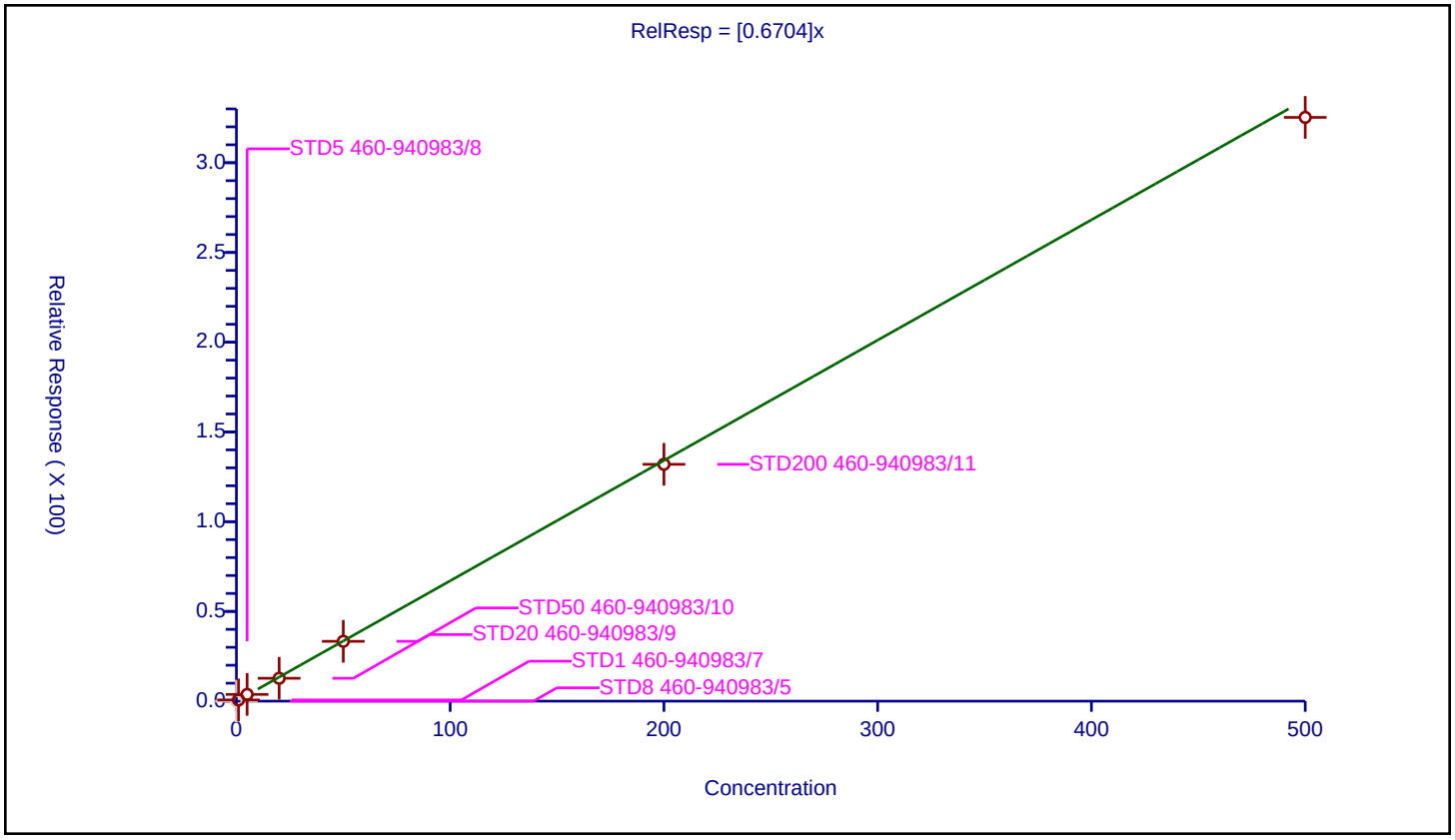
Curve Coefficients

Intercept:	0
Slope:	0.6704

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.659025	50.0	464626.0	0.659025	Y
3	STD5 460-940983/8	5.0	3.751078	50.0	475610.0	0.750216	Y
4	STD20 460-940983/9	20.0	12.734088	50.0	488492.0	0.636704	Y
5	STD50 460-940983/10	50.0	33.320202	50.0	521667.0	0.666404	Y
6	STD200 460-940983/11	200.0	131.958185	50.0	569078.0	0.659791	Y
7	STD500 460-940983/12	500.0	325.25987	50.0	648689.0	0.65052	Y



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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

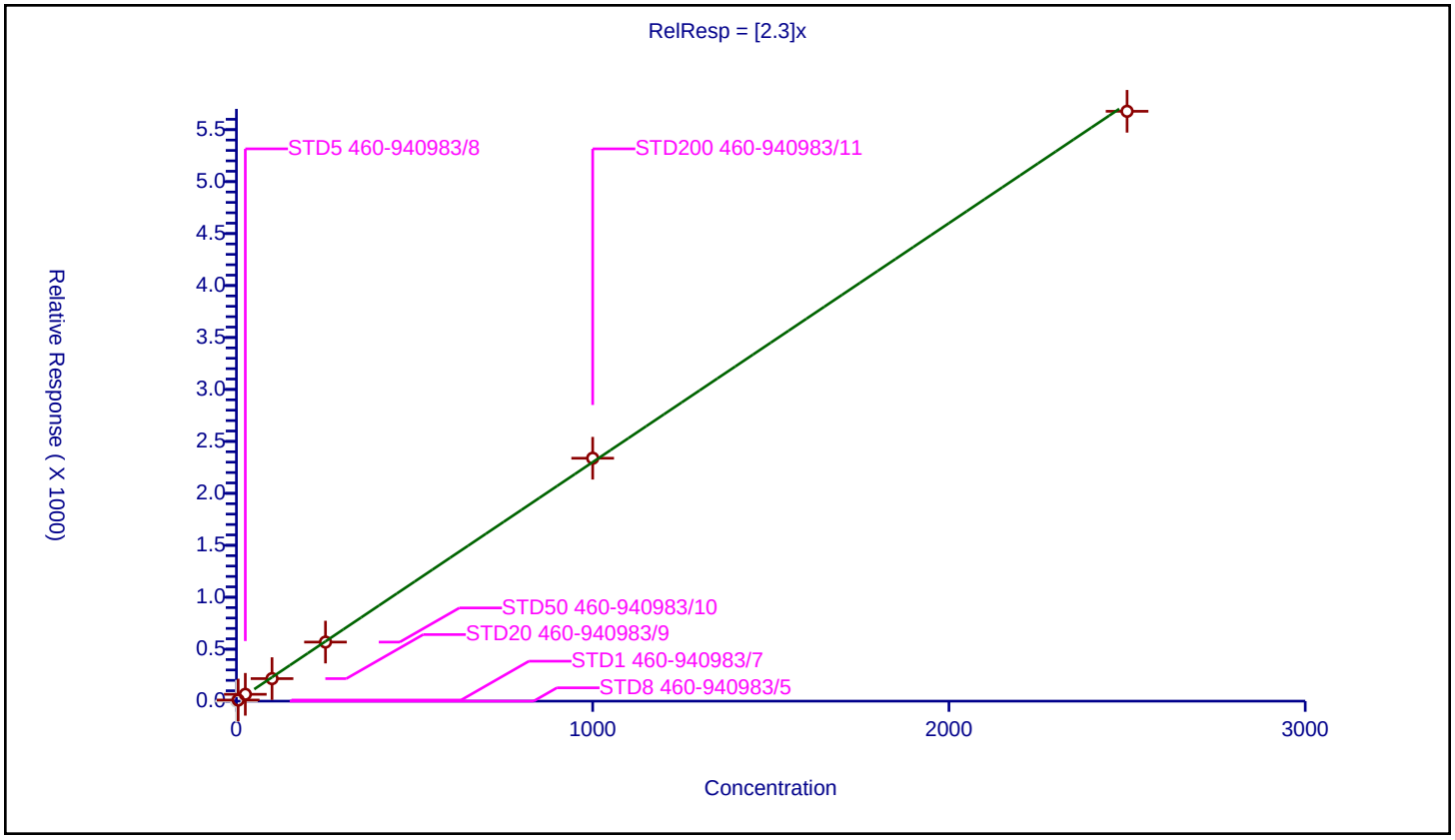
Curve Coefficients

Intercept:	0
Slope:	2.3

Error Coefficients

Standard Error:	3990000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	10.616675	250.0	244521.0	2.123335	Y
3	STD5 460-940983/8	25.0	65.697771	250.0	259849.0	2.627911	Y
4	STD20 460-940983/9	100.0	216.732344	250.0	278634.0	2.167323	Y
5	STD50 460-940983/10	250.0	568.449277	250.0	294353.0	2.273797	Y
6	STD200 460-940983/11	1000.0	2337.976376	250.0	318236.0	2.337976	Y
7	STD500 460-940983/12	2500.0	5676.933025	250.0	368826.0	2.270773	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

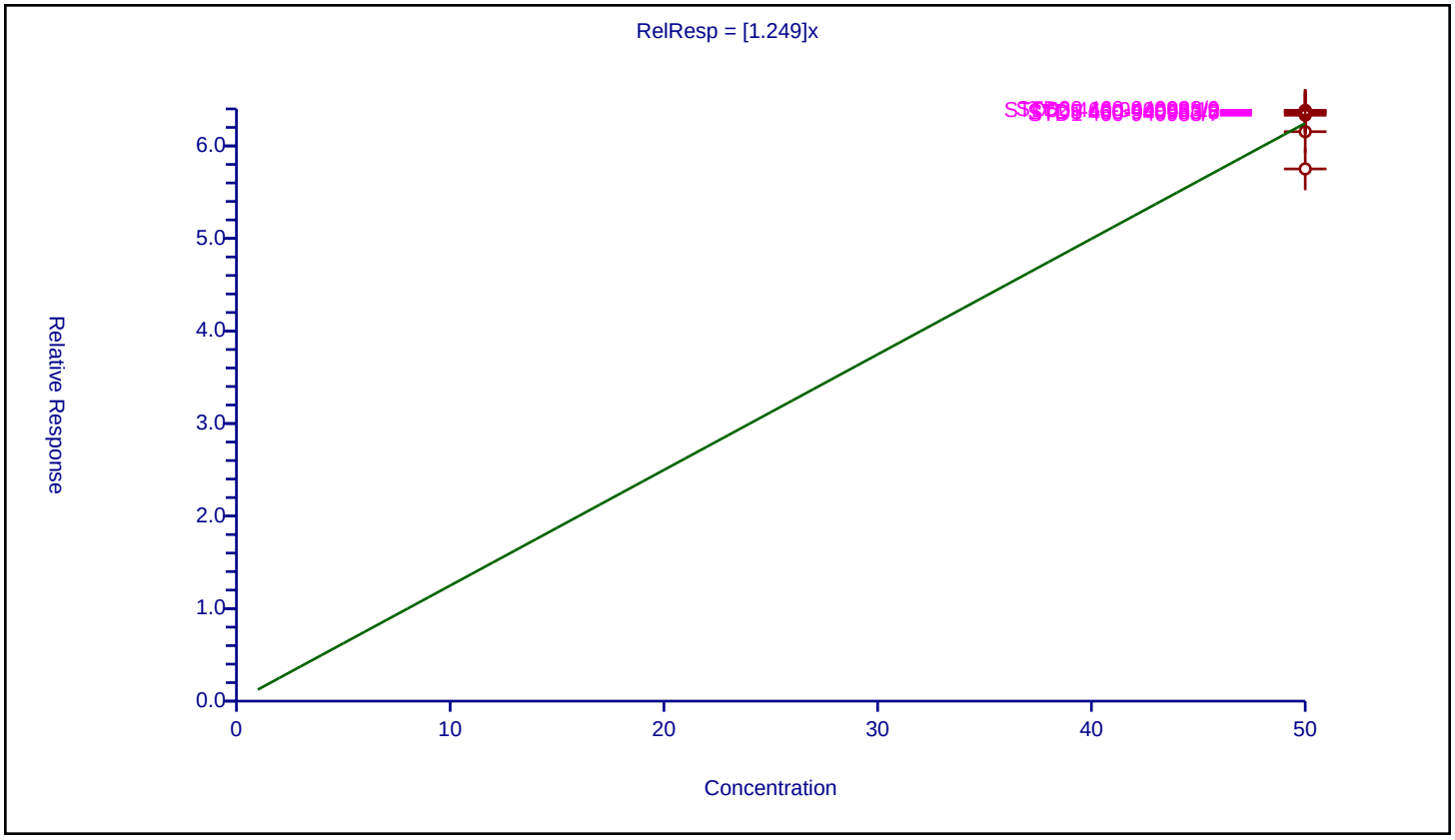
Curve Coefficients

Intercept:	0
Slope:	1.249

Error Coefficients

Standard Error:	692000
Relative Standard Error:	3.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	63.565864	50.0	420246.0	1.271317	Y
2	STD1 460-940983/7	50.0	63.313719	50.0	464626.0	1.266274	Y
3	STD5 460-940983/8	50.0	63.584765	50.0	475610.0	1.271695	Y
4	STD20 460-940983/9	50.0	63.838712	50.0	488492.0	1.276774	Y
5	STD50 460-940983/10	50.0	63.801141	50.0	521667.0	1.276023	Y
6	STD200 460-940983/11	50.0	61.539806	50.0	569078.0	1.230796	Y
7	STD500 460-940983/12	50.0	57.512614	50.0	648689.0	1.150252	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

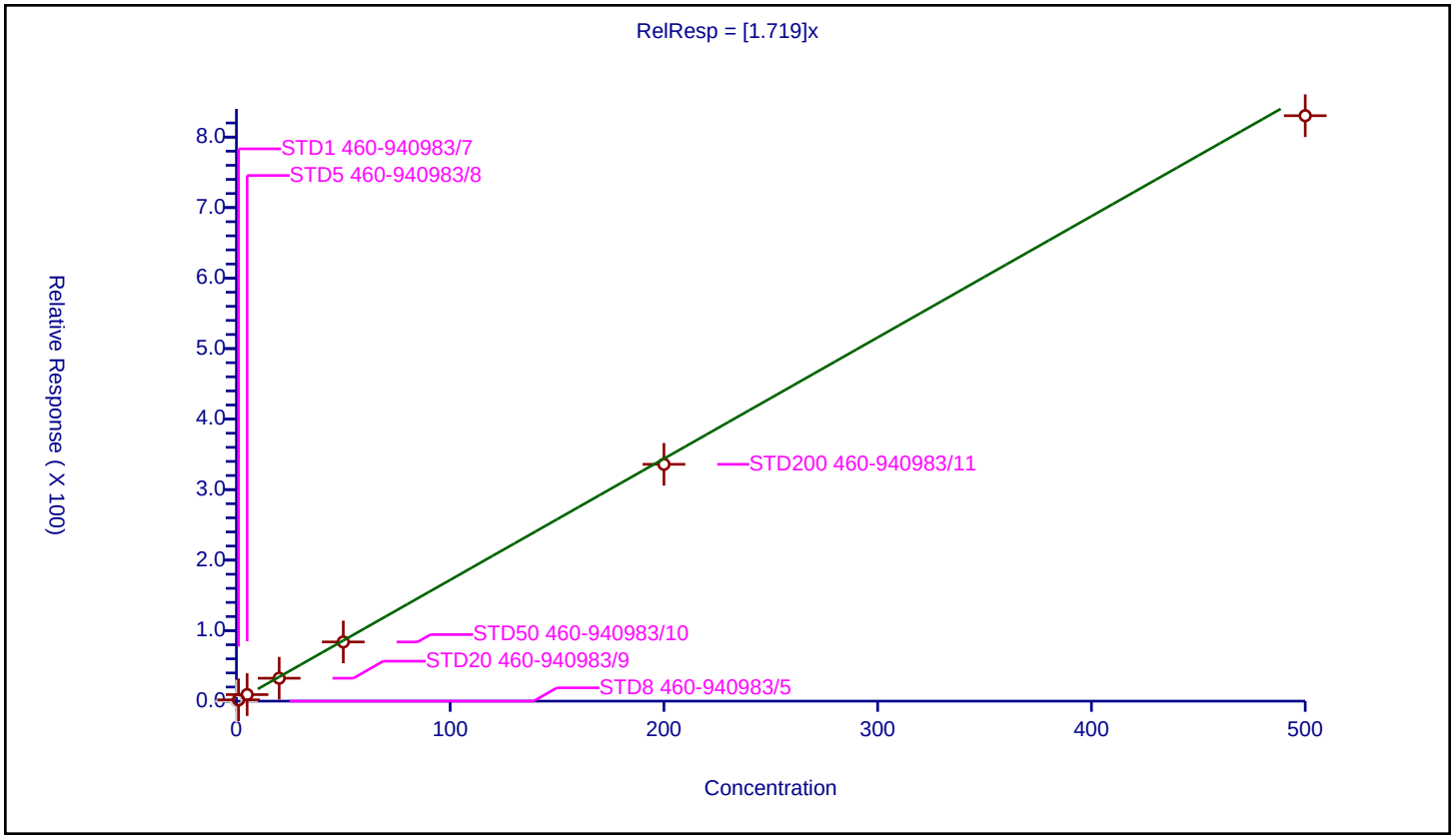
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Standard Error:	5130000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.820066	50.0	464626.0	1.820066	Y
3	STD5 460-940983/8	5.0	9.263157	50.0	475610.0	1.852631	Y
4	STD20 460-940983/9	20.0	32.500532	50.0	488492.0	1.625027	Y
5	STD50 460-940983/10	50.0	83.947231	50.0	521667.0	1.678945	Y
6	STD200 460-940983/11	200.0	335.901405	50.0	569078.0	1.679507	Y
7	STD500 460-940983/12	500.0	830.334259	50.0	648689.0	1.660669	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

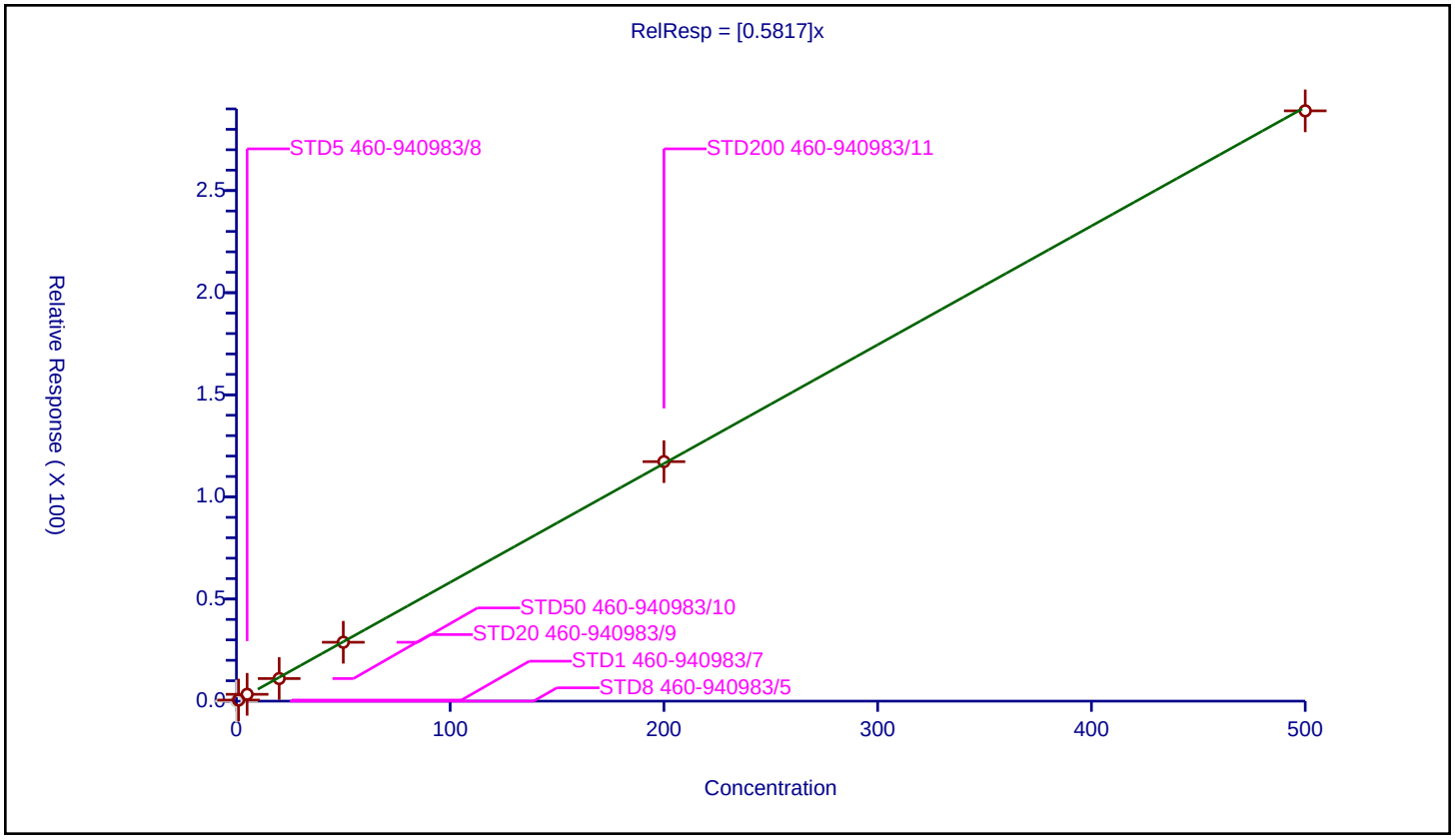
Curve Coefficients

Intercept:	0
Slope:	0.5817

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.526014	50.0	464626.0	0.526014	Y
3	STD5 460-940983/8	5.0	3.349068	50.0	475610.0	0.669814	Y
4	STD20 460-940983/9	20.0	11.059035	50.0	488492.0	0.552952	Y
5	STD50 460-940983/10	50.0	28.83487	50.0	521667.0	0.576697	Y
6	STD200 460-940983/11	200.0	117.278124	50.0	569078.0	0.586391	Y
7	STD500 460-940983/12	500.0	289.053229	50.0	648689.0	0.578106	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

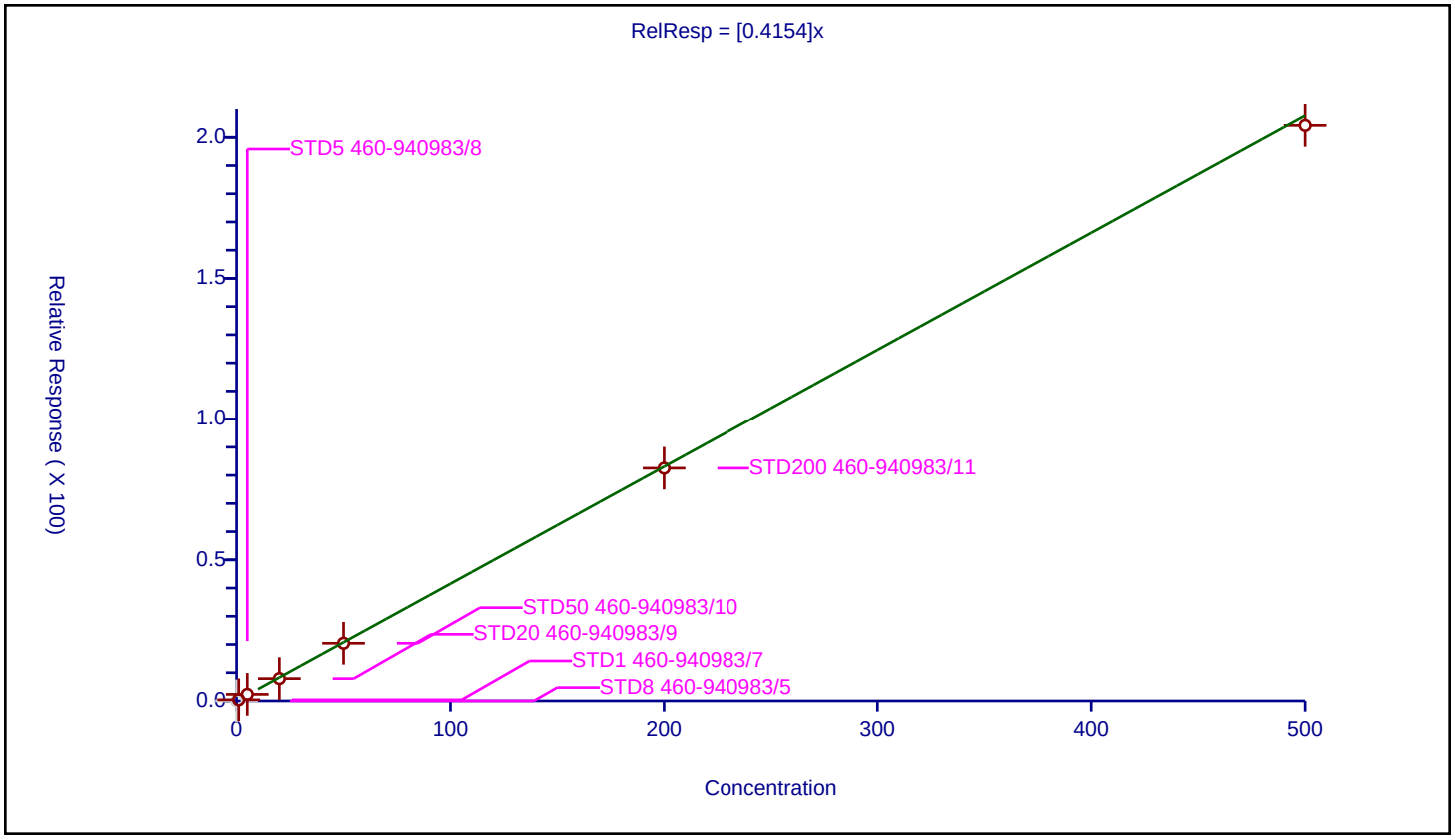
Curve Coefficients

Intercept:	0
Slope:	0.4154

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.401829	50.0	464626.0	0.401829	Y
3	STD5 460-940983/8	5.0	2.327853	50.0	475610.0	0.465571	Y
4	STD20 460-940983/9	20.0	7.905759	50.0	488492.0	0.395288	Y
5	STD50 460-940983/10	50.0	20.431041	50.0	521667.0	0.408621	Y
6	STD200 460-940983/11	200.0	82.547999	50.0	569078.0	0.41274	Y
7	STD500 460-940983/12	500.0	204.218971	50.0	648689.0	0.408438	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

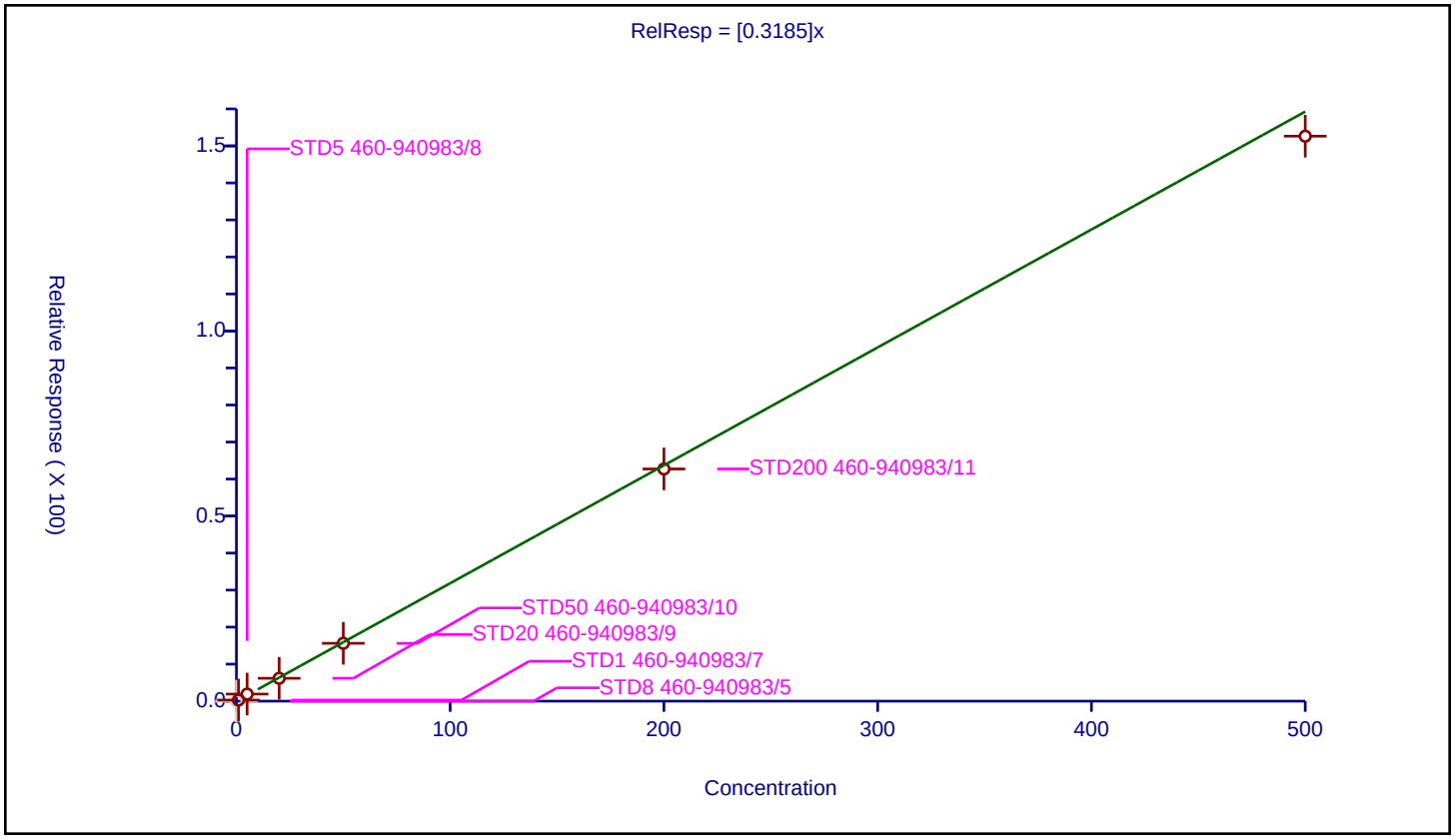
Curve Coefficients

Intercept:	0
Slope:	0.3185

Error Coefficients

Standard Error:	945000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.288942	50.0	464626.0	0.288942	Y
3	STD5 460-940983/8	5.0	1.910809	50.0	475610.0	0.382162	Y
4	STD20 460-940983/9	20.0	6.174206	50.0	488492.0	0.30871	Y
5	STD50 460-940983/10	50.0	15.623281	50.0	521667.0	0.312466	Y
6	STD200 460-940983/11	200.0	62.724969	50.0	569078.0	0.313625	Y
7	STD500 460-940983/12	500.0	152.627684	50.0	648689.0	0.305255	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

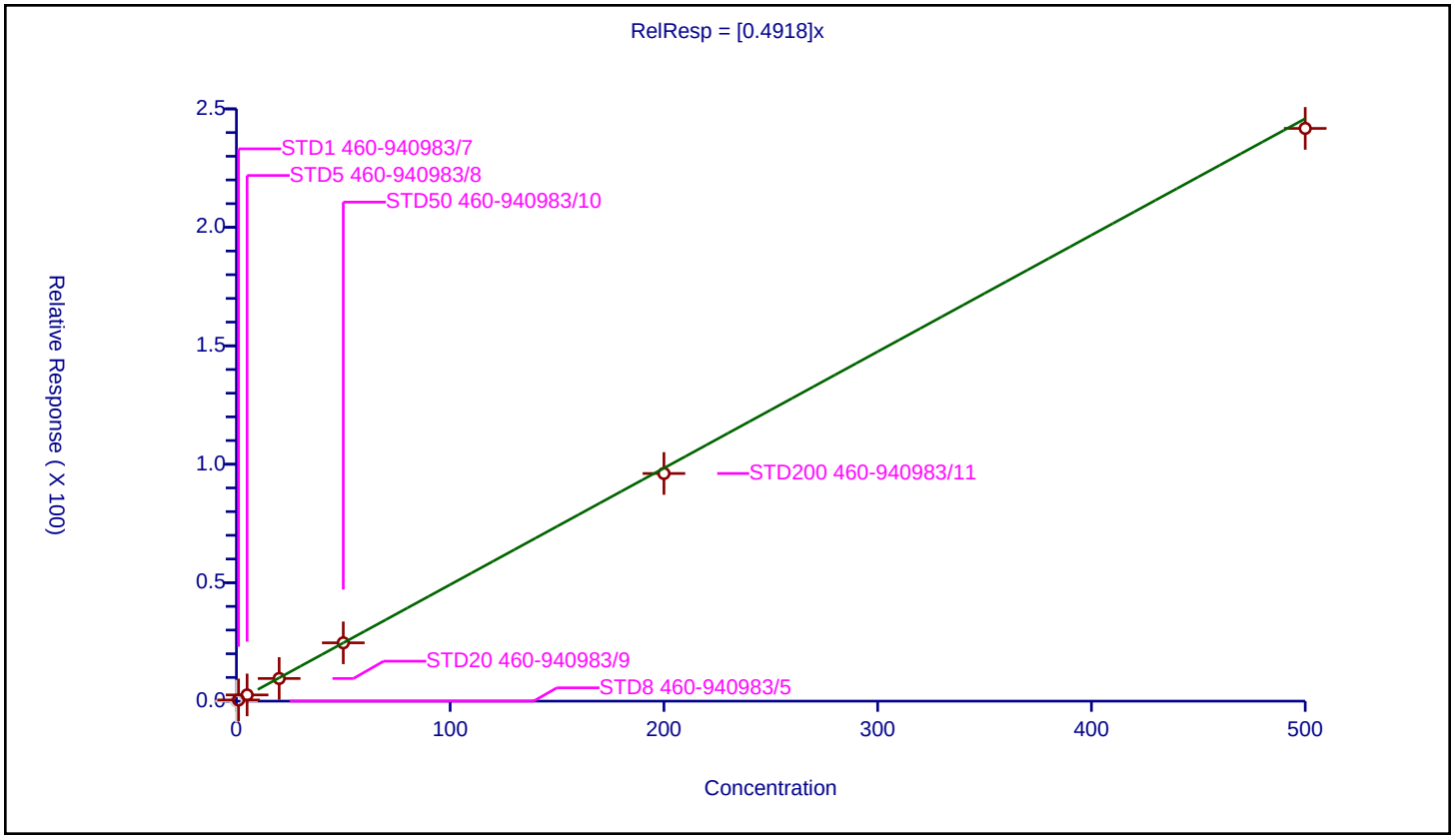
Curve Coefficients

Intercept:	0
Slope:	0.4918

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.491793	50.0	464626.0	0.491793	Y
3	STD5 460-940983/8	5.0	2.622632	50.0	475610.0	0.524526	Y
4	STD20 460-940983/9	20.0	9.560341	50.0	488492.0	0.478017	Y
5	STD50 460-940983/10	50.0	24.612828	50.0	521667.0	0.492257	Y
6	STD200 460-940983/11	200.0	96.093945	50.0	569078.0	0.48047	Y
7	STD500 460-940983/12	500.0	241.759842	50.0	648689.0	0.48352	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

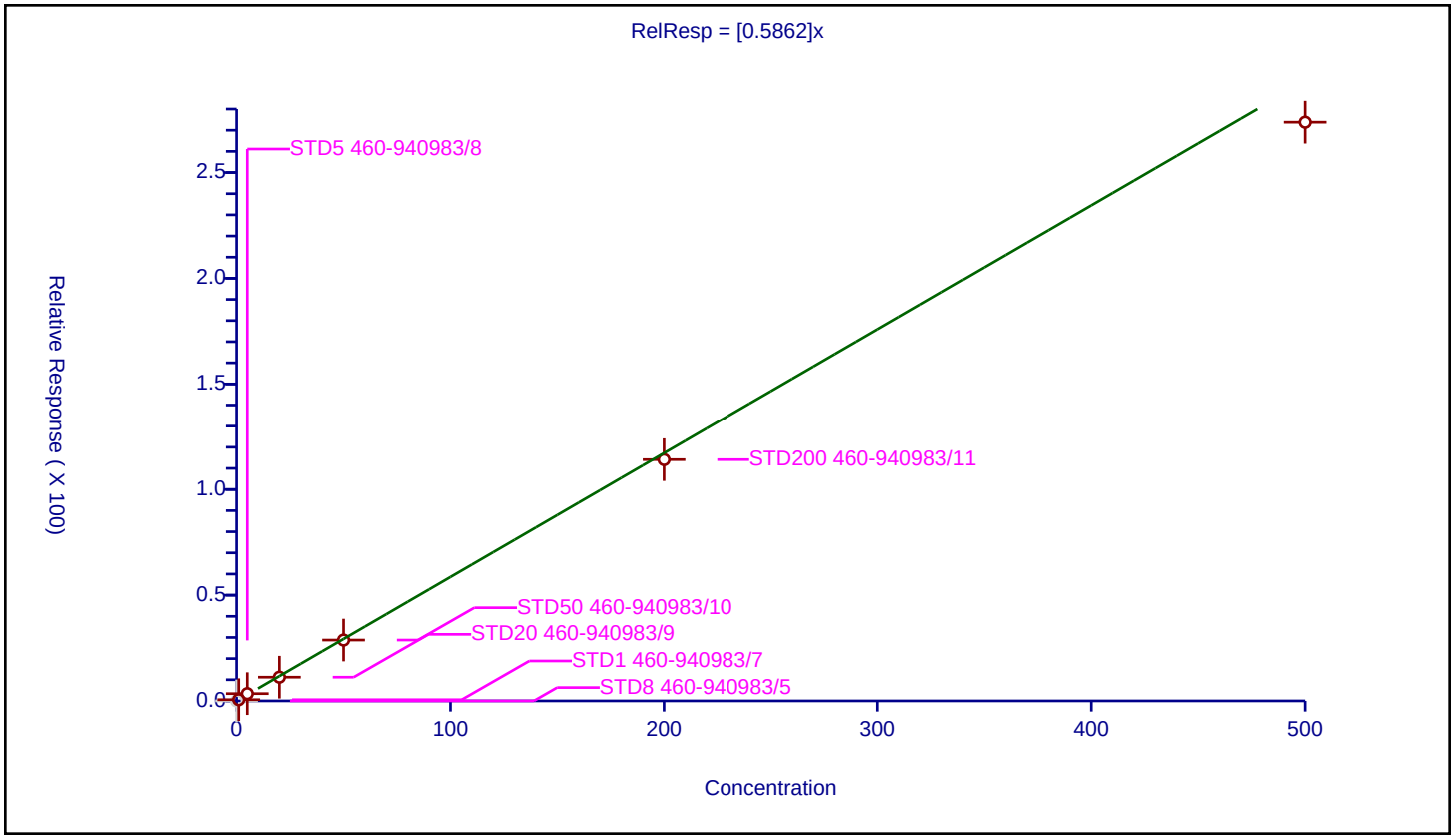
Curve Coefficients

Intercept:	0
Slope:	0.5862

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.5767	50.0	464626.0	0.5767	Y
3	STD5 460-940983/8	5.0	3.429385	50.0	475610.0	0.685877	Y
4	STD20 460-940983/9	20.0	11.214411	50.0	488492.0	0.560721	Y
5	STD50 460-940983/10	50.0	28.773528	50.0	521667.0	0.575471	Y
6	STD200 460-940983/11	200.0	114.136639	50.0	569078.0	0.570683	Y
7	STD500 460-940983/12	500.0	273.792834	50.0	648689.0	0.547586	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

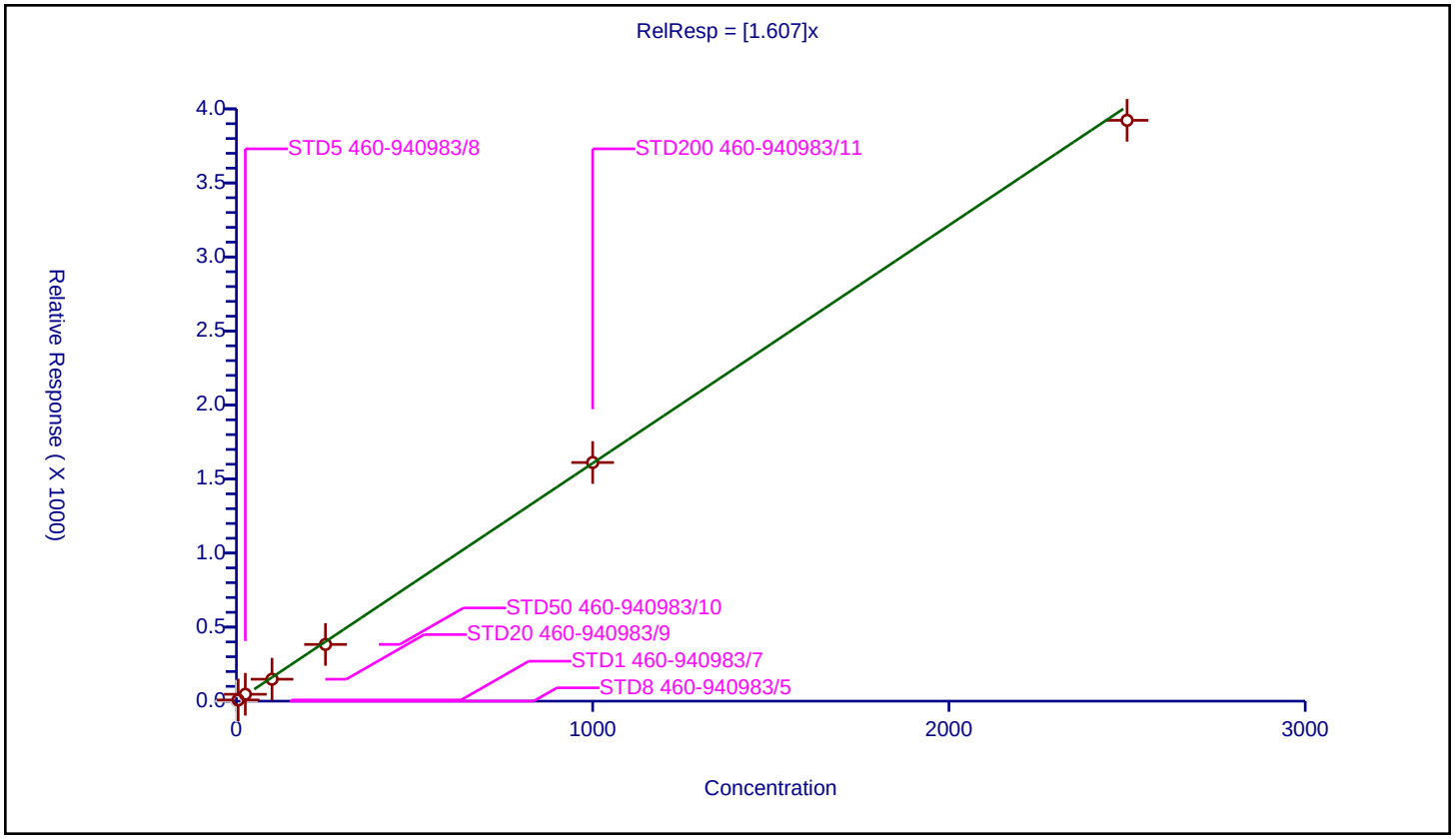
Curve Coefficients

Intercept:	0
Slope:	1.607

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	7.927744	250.0	244521.0	1.585549	Y
3	STD5 460-940983/8	25.0	46.544339	250.0	259849.0	1.861774	Y
4	STD20 460-940983/9	100.0	148.119038	250.0	278634.0	1.48119	Y
5	STD50 460-940983/10	250.0	383.015461	250.0	294353.0	1.532062	Y
6	STD200 460-940983/11	1000.0	1611.67027	250.0	318236.0	1.61167	Y
7	STD500 460-940983/12	2500.0	3922.860644	250.0	368826.0	1.569144	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

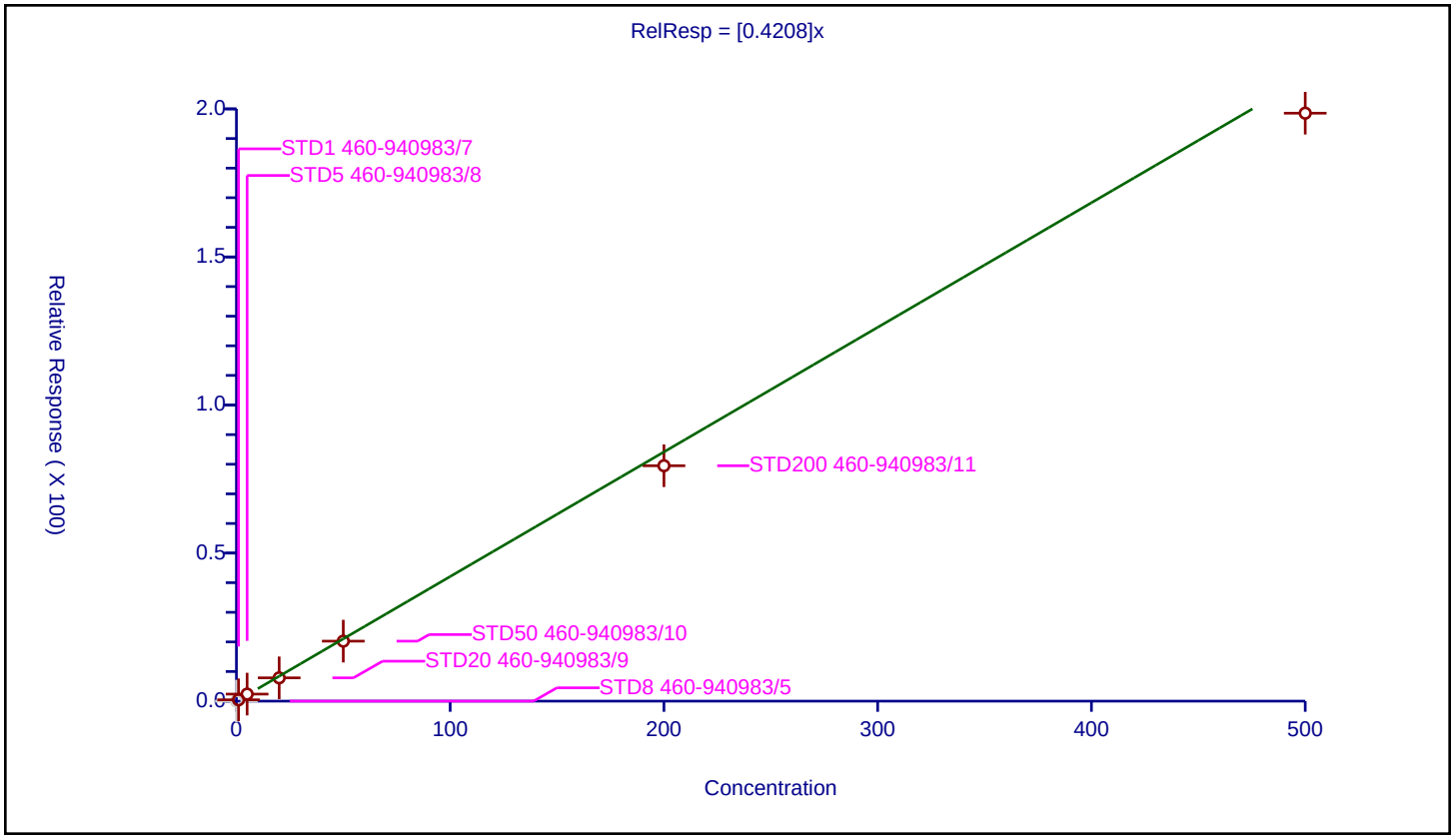
Curve Coefficients

Intercept:	0
Slope:	0.4208

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.456281	50.0	464626.0	0.456281	Y
3	STD5 460-940983/8	5.0	2.376737	50.0	475610.0	0.475347	Y
4	STD20 460-940983/9	20.0	7.863077	50.0	488492.0	0.393154	Y
5	STD50 460-940983/10	50.0	20.263789	50.0	521667.0	0.405276	Y
6	STD200 460-940983/11	200.0	79.498329	50.0	569078.0	0.397492	Y
7	STD500 460-940983/12	500.0	198.556242	50.0	648689.0	0.397112	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

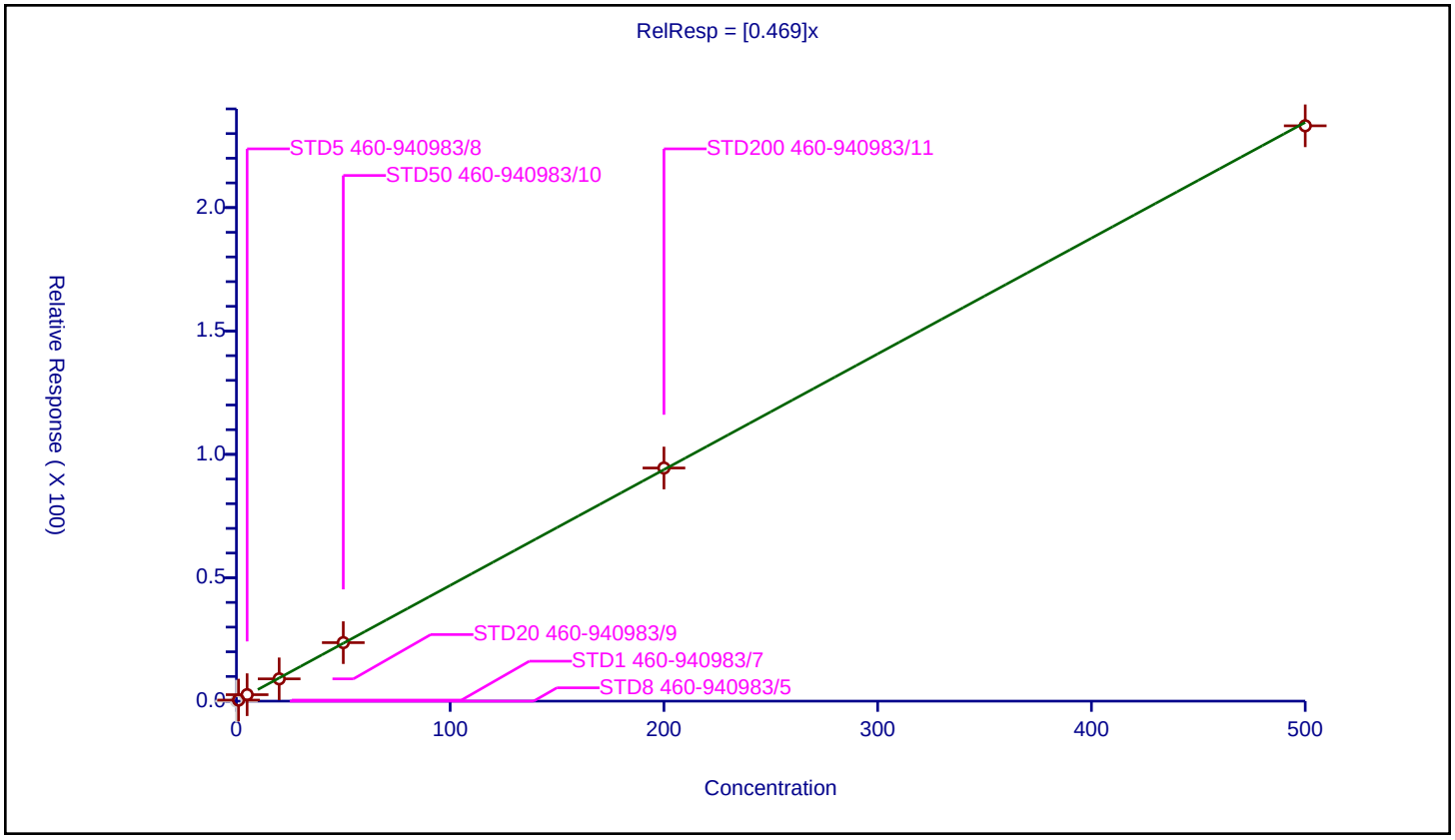
Curve Coefficients

Intercept:	0
Slope:	0.469

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.427441	50.0	464626.0	0.427441	Y
3	STD5 460-940983/8	5.0	2.61296	50.0	475610.0	0.522592	Y
4	STD20 460-940983/9	20.0	9.026965	50.0	488492.0	0.451348	Y
5	STD50 460-940983/10	50.0	23.711678	50.0	521667.0	0.474234	Y
6	STD200 460-940983/11	200.0	94.477031	50.0	569078.0	0.472385	Y
7	STD500 460-940983/12	500.0	233.140997	50.0	648689.0	0.466282	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

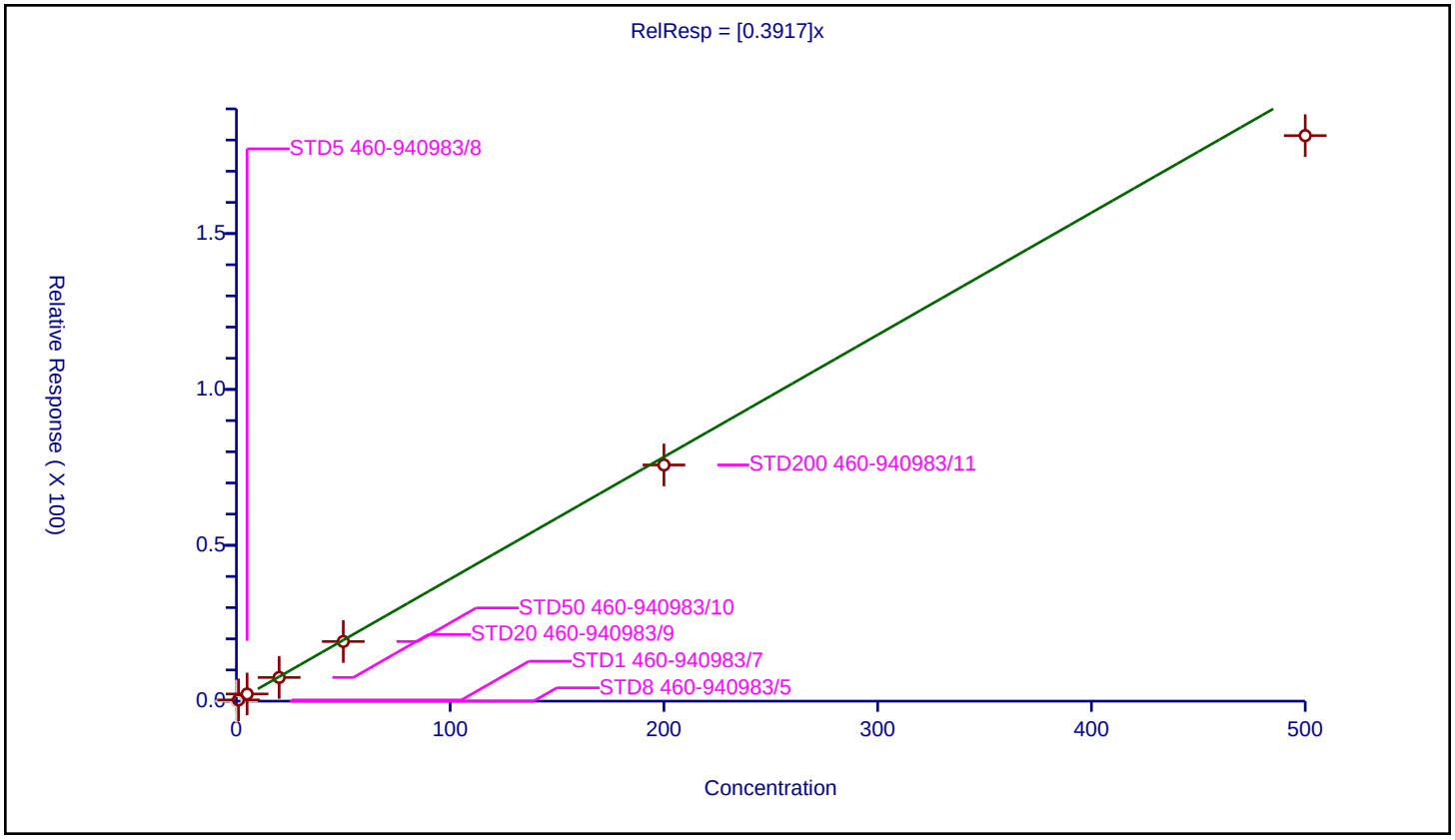
Curve Coefficients

Intercept:	0
Slope:	0.3917

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.386225	50.0	464626.0	0.386225	Y
3	STD5 460-940983/8	5.0	2.297576	50.0	475610.0	0.459515	Y
4	STD20 460-940983/9	20.0	7.604321	50.0	488492.0	0.380216	Y
5	STD50 460-940983/10	50.0	19.134045	50.0	521667.0	0.382681	Y
6	STD200 460-940983/11	200.0	75.771248	50.0	569078.0	0.378856	Y
7	STD500 460-940983/12	500.0	181.422299	50.0	648689.0	0.362845	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

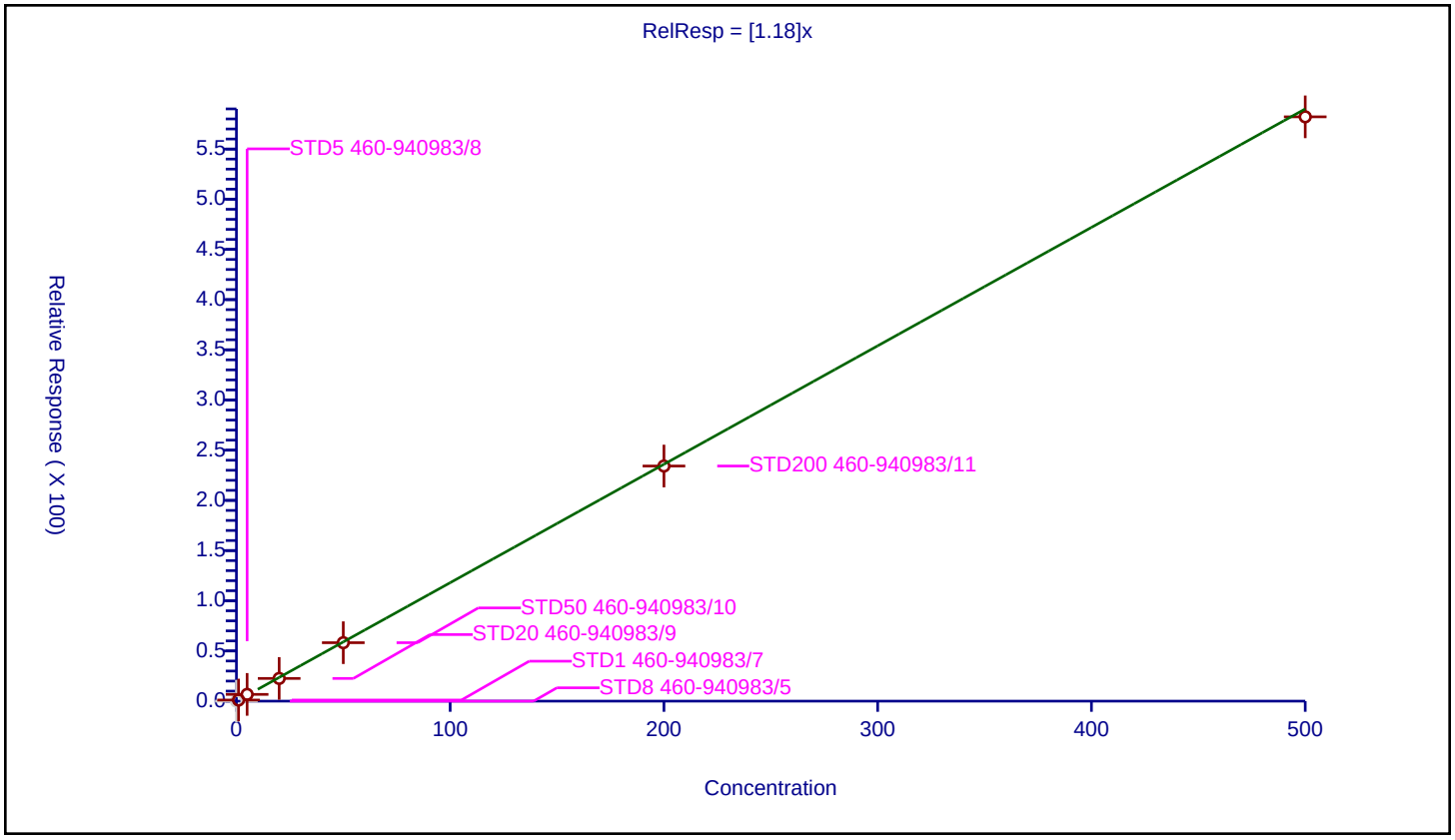
Curve Coefficients

Intercept:	0
Slope:	1.18

Error Coefficients

Standard Error:	3590000
Relative Standard Error:	7.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.106697	50.0	464626.0	1.106697	Y
3	STD5 460-940983/8	5.0	6.713379	50.0	475610.0	1.342676	Y
4	STD20 460-940983/9	20.0	22.606409	50.0	488492.0	1.13032	Y
5	STD50 460-940983/10	50.0	58.221145	50.0	521667.0	1.164423	Y
6	STD200 460-940983/11	200.0	234.208843	50.0	569078.0	1.171044	Y
7	STD500 460-940983/12	500.0	582.098818	50.0	648689.0	1.164198	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

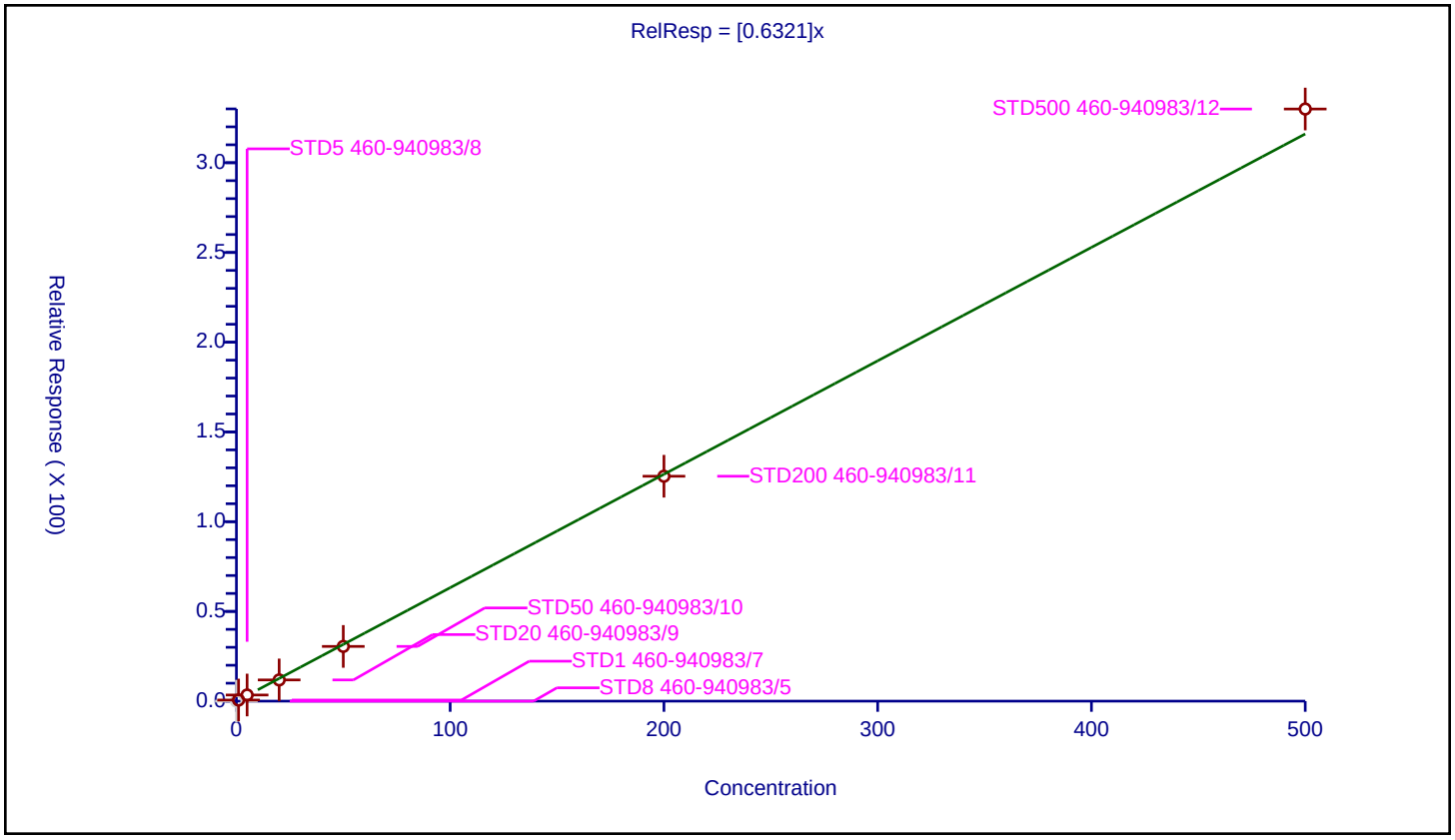
Curve Coefficients

Intercept:	0
Slope:	0.6321

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.620607	50.0	464626.0	0.620607	Y
3	STD5 460-940983/8	5.0	3.424024	50.0	475610.0	0.684805	Y
4	STD20 460-940983/9	20.0	11.814114	50.0	488492.0	0.590706	Y
5	STD50 460-940983/10	50.0	30.489565	50.0	521667.0	0.609791	Y
6	STD200 460-940983/11	200.0	125.315071	50.0	569078.0	0.626575	Y
7	STD500 460-940983/12	500.0	329.93214	50.0	648689.0	0.659864	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

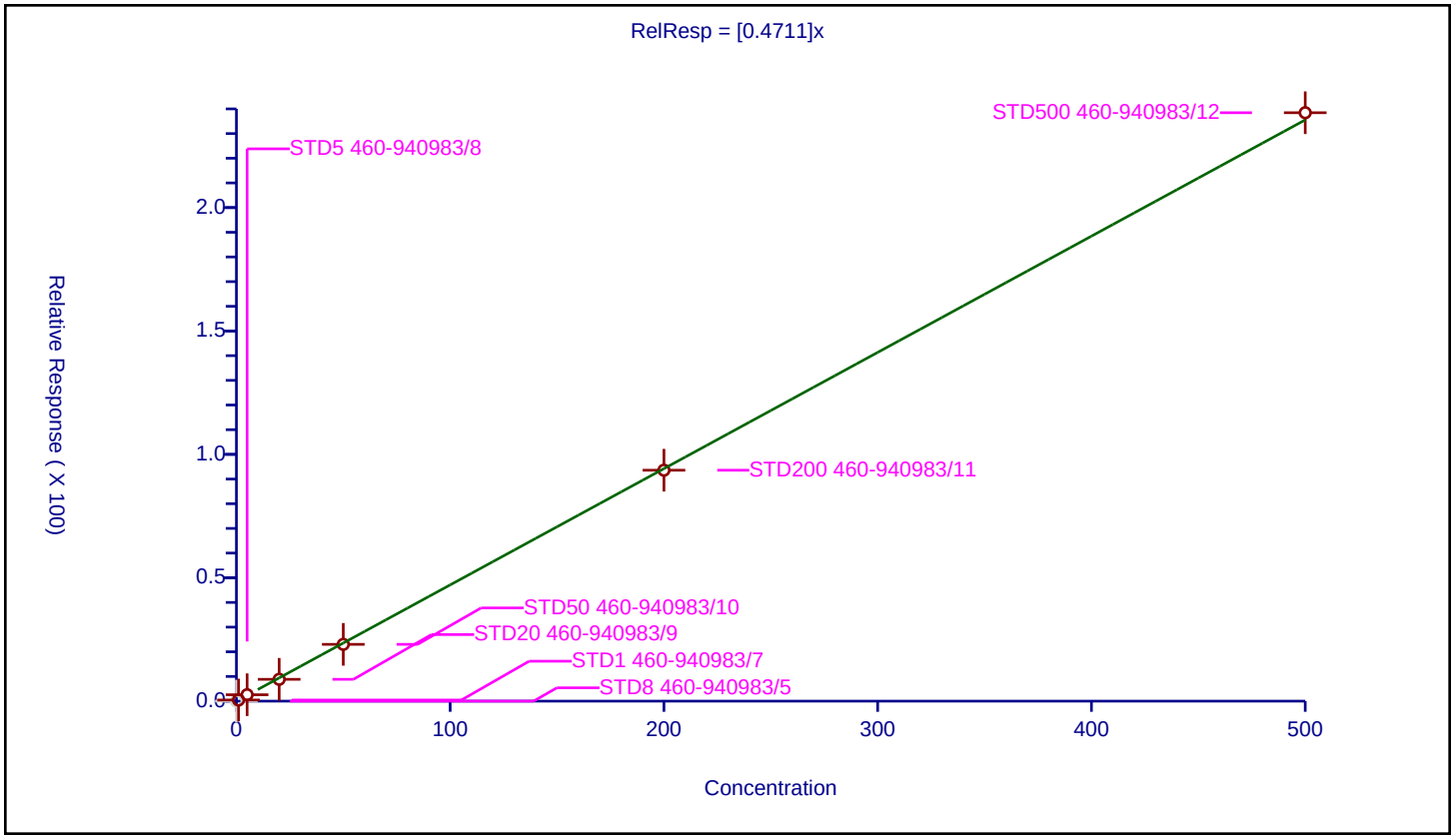
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.45994	50.0	464626.0	0.45994	Y
3	STD5 460-940983/8	5.0	2.59614	50.0	475610.0	0.519228	Y
4	STD20 460-940983/9	20.0	8.843134	50.0	488492.0	0.442157	Y
5	STD50 460-940983/10	50.0	23.014778	50.0	521667.0	0.460296	Y
6	STD200 460-940983/11	200.0	93.579175	50.0	569078.0	0.467896	Y
7	STD500 460-940983/12	500.0	238.441225	50.0	648689.0	0.476882	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

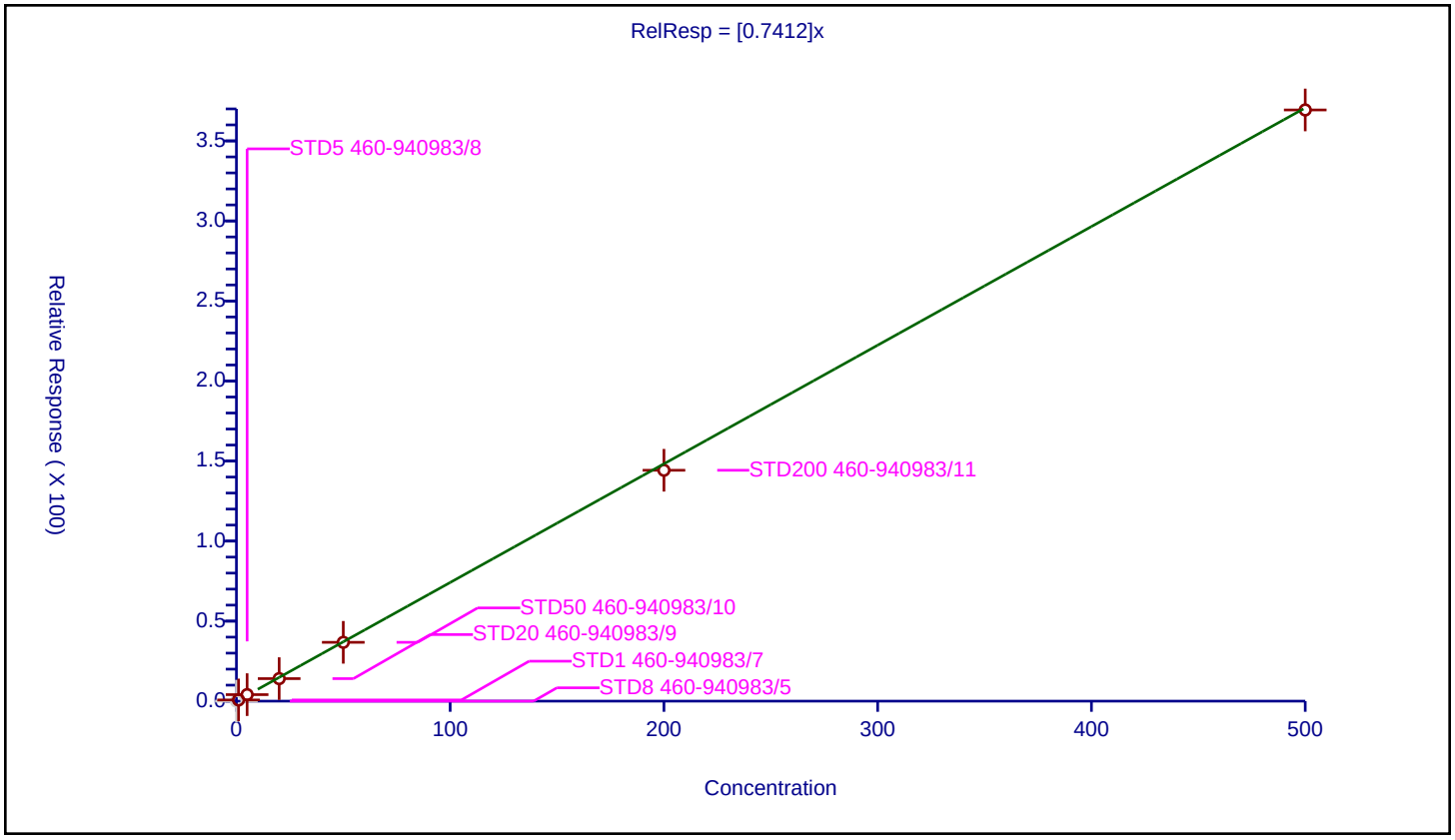
Curve Coefficients

Intercept:	0
Slope:	0.7412

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	5.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.735107	50.0	464626.0	0.735107	Y
3	STD5 460-940983/8	5.0	4.070667	50.0	475610.0	0.814133	Y
4	STD20 460-940983/9	20.0	14.070343	50.0	488492.0	0.703517	Y
5	STD50 460-940983/10	50.0	36.743651	50.0	521667.0	0.734873	Y
6	STD200 460-940983/11	200.0	144.237345	50.0	569078.0	0.721187	Y
7	STD500 460-940983/12	500.0	369.33546	50.0	648689.0	0.738671	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

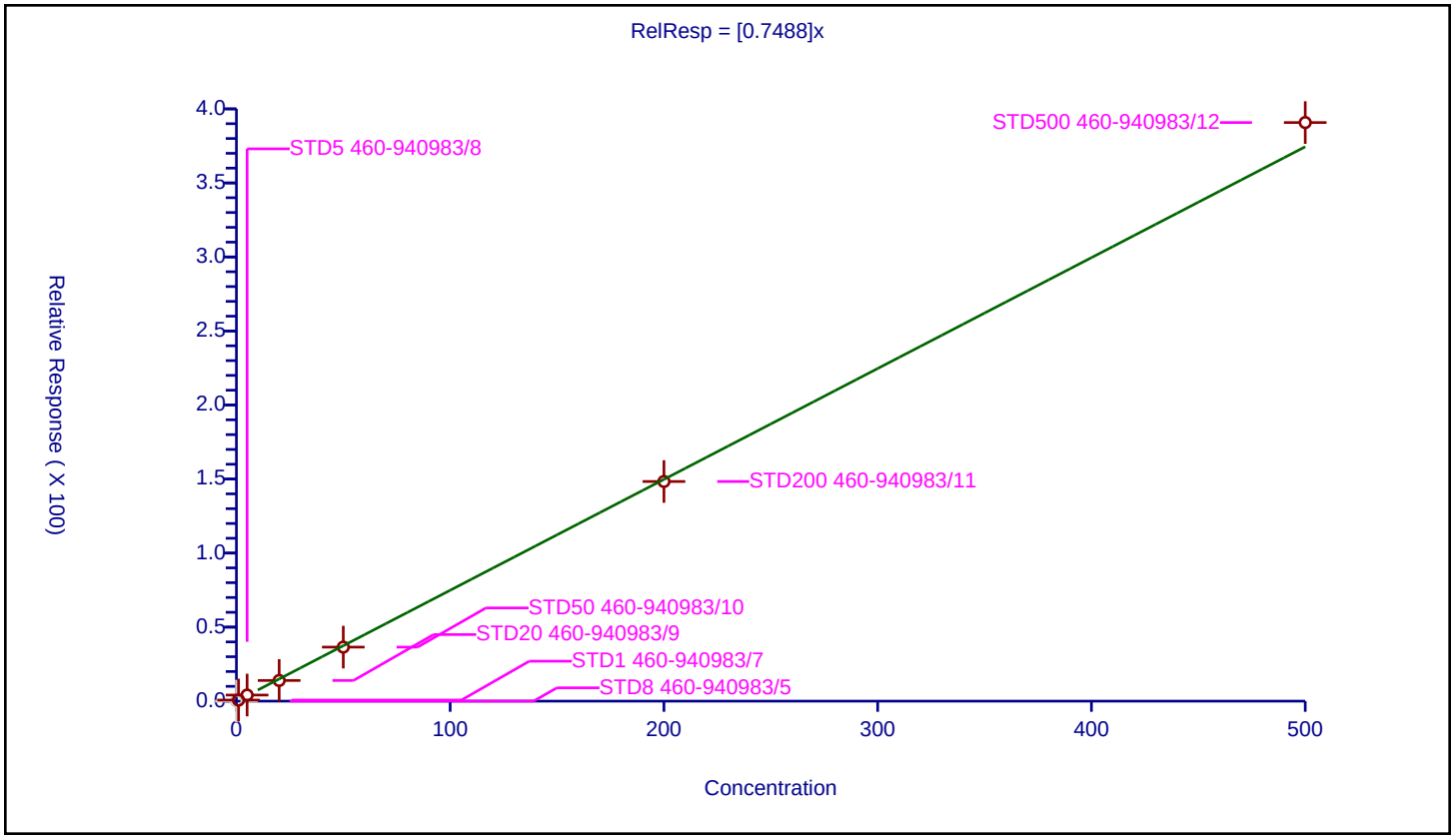
Curve Coefficients

Intercept:	0
Slope:	0.7488

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	6.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.721333	50.0	464626.0	0.721333	Y
3	STD5 460-940983/8	5.0	4.104939	50.0	475610.0	0.820988	Y
4	STD20 460-940983/9	20.0	13.951303	50.0	488492.0	0.697565	Y
5	STD50 460-940983/10	50.0	36.497325	50.0	521667.0	0.729946	Y
6	STD200 460-940983/11	200.0	148.336608	50.0	569078.0	0.741683	Y
7	STD500 460-940983/12	500.0	390.766222	50.0	648689.0	0.781532	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

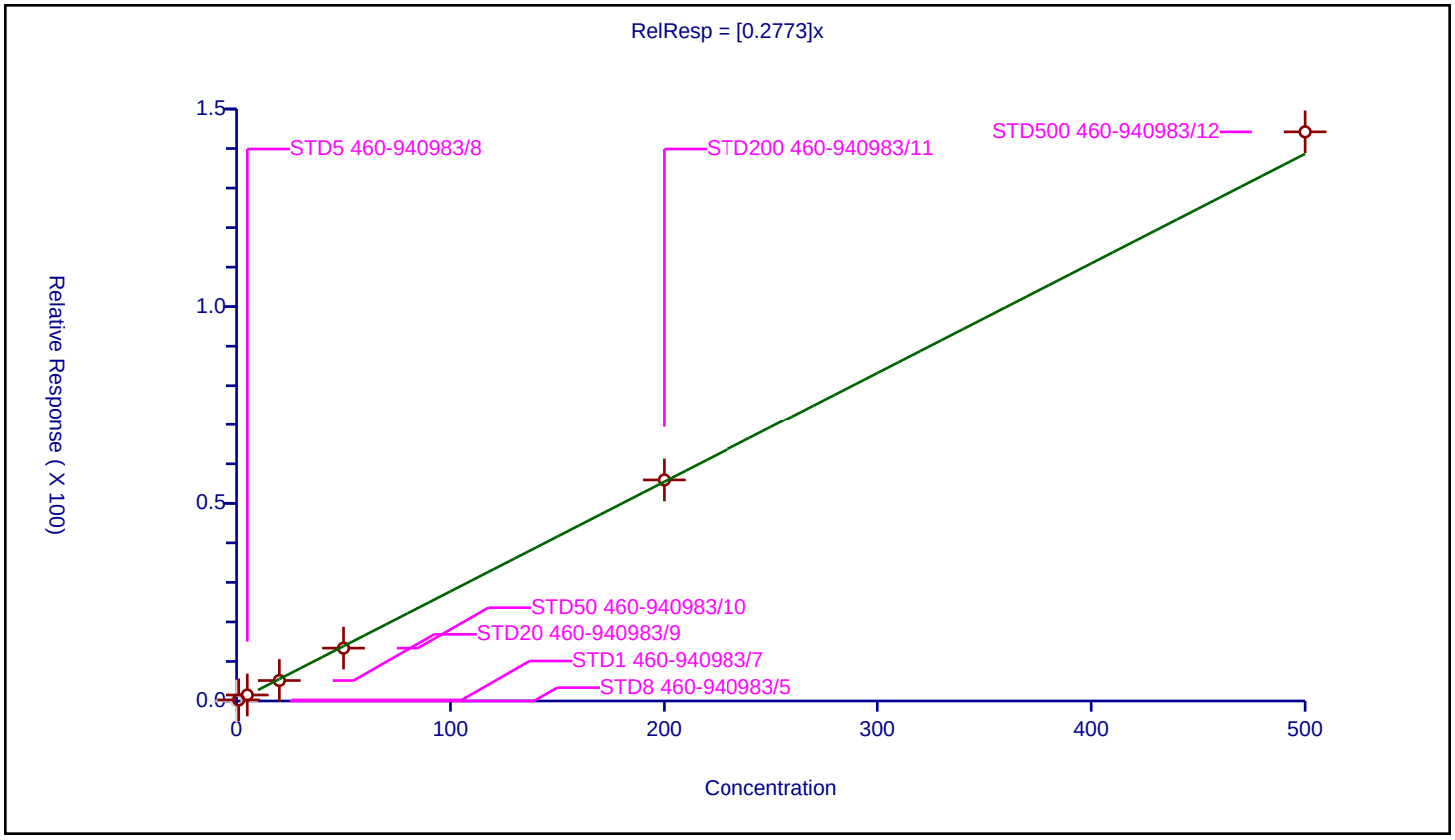
Curve Coefficients

Intercept:	0
Slope:	0.2773

Error Coefficients

Standard Error:	886000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.266666	50.0	464626.0	0.266666	Y
3	STD5 460-940983/8	5.0	1.515948	50.0	475610.0	0.30319	Y
4	STD20 460-940983/9	20.0	5.174087	50.0	488492.0	0.258704	Y
5	STD50 460-940983/10	50.0	13.369928	50.0	521667.0	0.267399	Y
6	STD200 460-940983/11	200.0	55.917379	50.0	569078.0	0.279587	Y
7	STD500 460-940983/12	500.0	144.226972	50.0	648689.0	0.288454	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

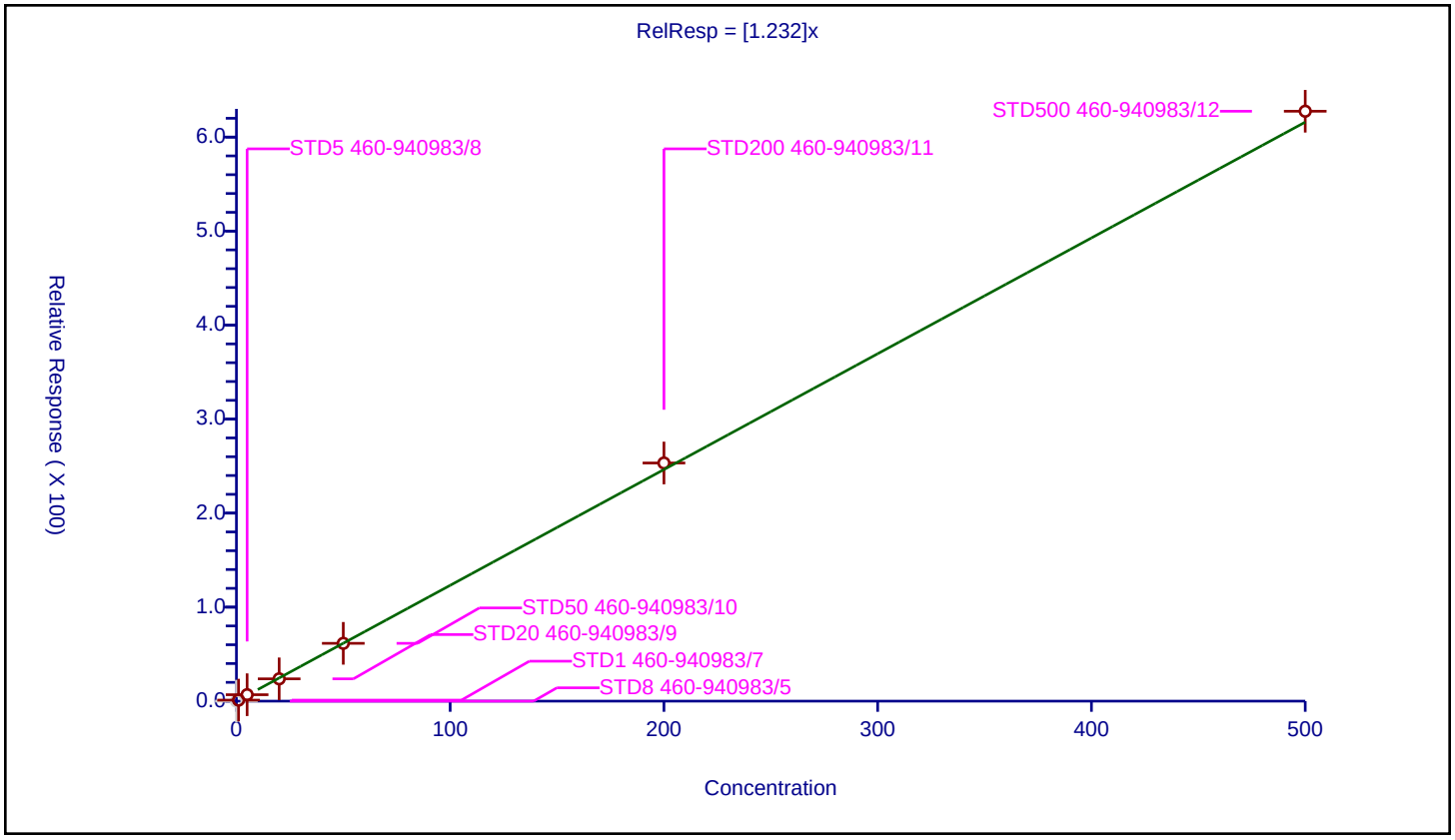
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.083883	50.0	464626.0	1.083883	Y
3	STD5 460-940983/8	5.0	6.844263	50.0	475610.0	1.368853	Y
4	STD20 460-940983/9	20.0	23.735087	50.0	488492.0	1.186754	Y
5	STD50 460-940983/10	50.0	61.485296	50.0	521667.0	1.229706	Y
6	STD200 460-940983/11	200.0	253.342336	50.0	569078.0	1.266712	Y
7	STD500 460-940983/12	500.0	627.498231	50.0	648689.0	1.254996	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

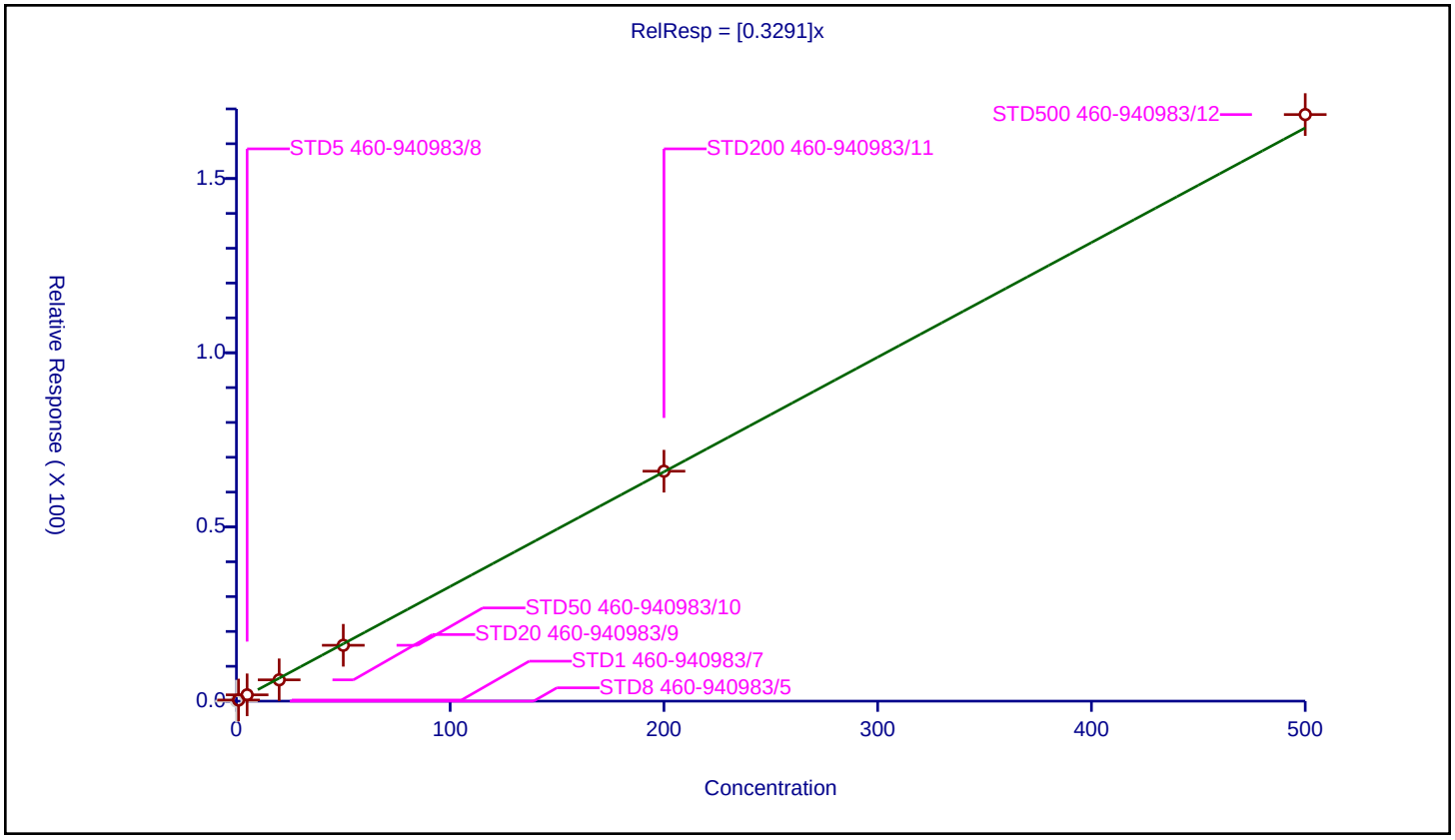
Curve Coefficients

Intercept:	0
Slope:	0.3291

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.319397	50.0	464626.0	0.319397	Y
3	STD5 460-940983/8	5.0	1.811148	50.0	475610.0	0.36223	Y
4	STD20 460-940983/9	20.0	6.109107	50.0	488492.0	0.305455	Y
5	STD50 460-940983/10	50.0	16.038488	50.0	521667.0	0.32077	Y
6	STD200 460-940983/11	200.0	66.002991	50.0	569078.0	0.330015	Y
7	STD500 460-940983/12	500.0	168.372132	50.0	648689.0	0.336744	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

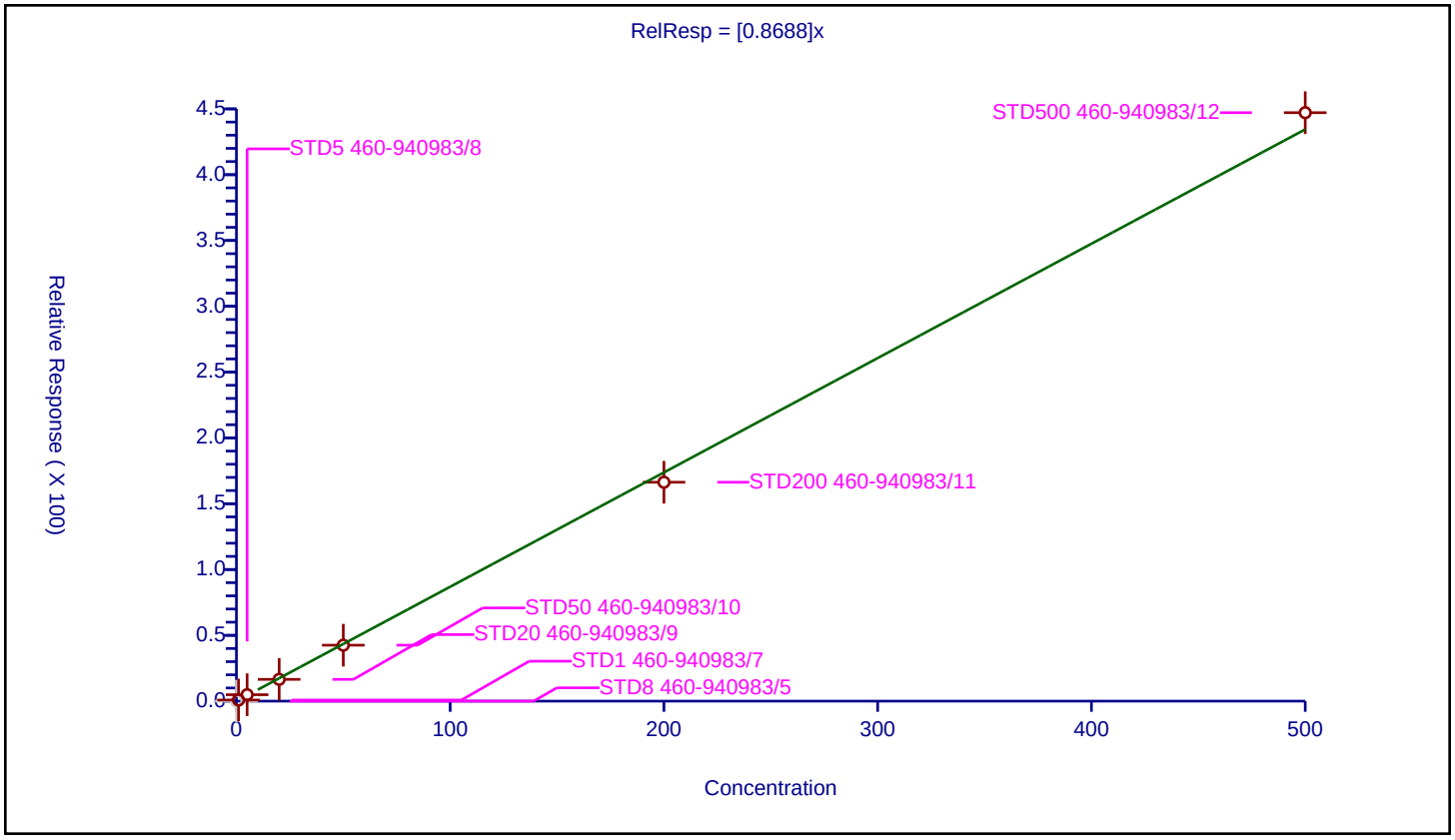
Curve Coefficients

Intercept:	0
Slope:	0.8688

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.834266	50.0	258131.0	0.834266	Y
3	STD5 460-940983/8	5.0	4.880255	50.0	259259.0	0.976051	Y
4	STD20 460-940983/9	20.0	16.536109	50.0	267442.0	0.826805	Y
5	STD50 460-940983/10	50.0	42.509331	50.0	284267.0	0.850187	Y
6	STD200 460-940983/11	200.0	166.308408	50.0	311600.0	0.831542	Y
7	STD500 460-940983/12	500.0	447.119185	50.0	331486.0	0.894238	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

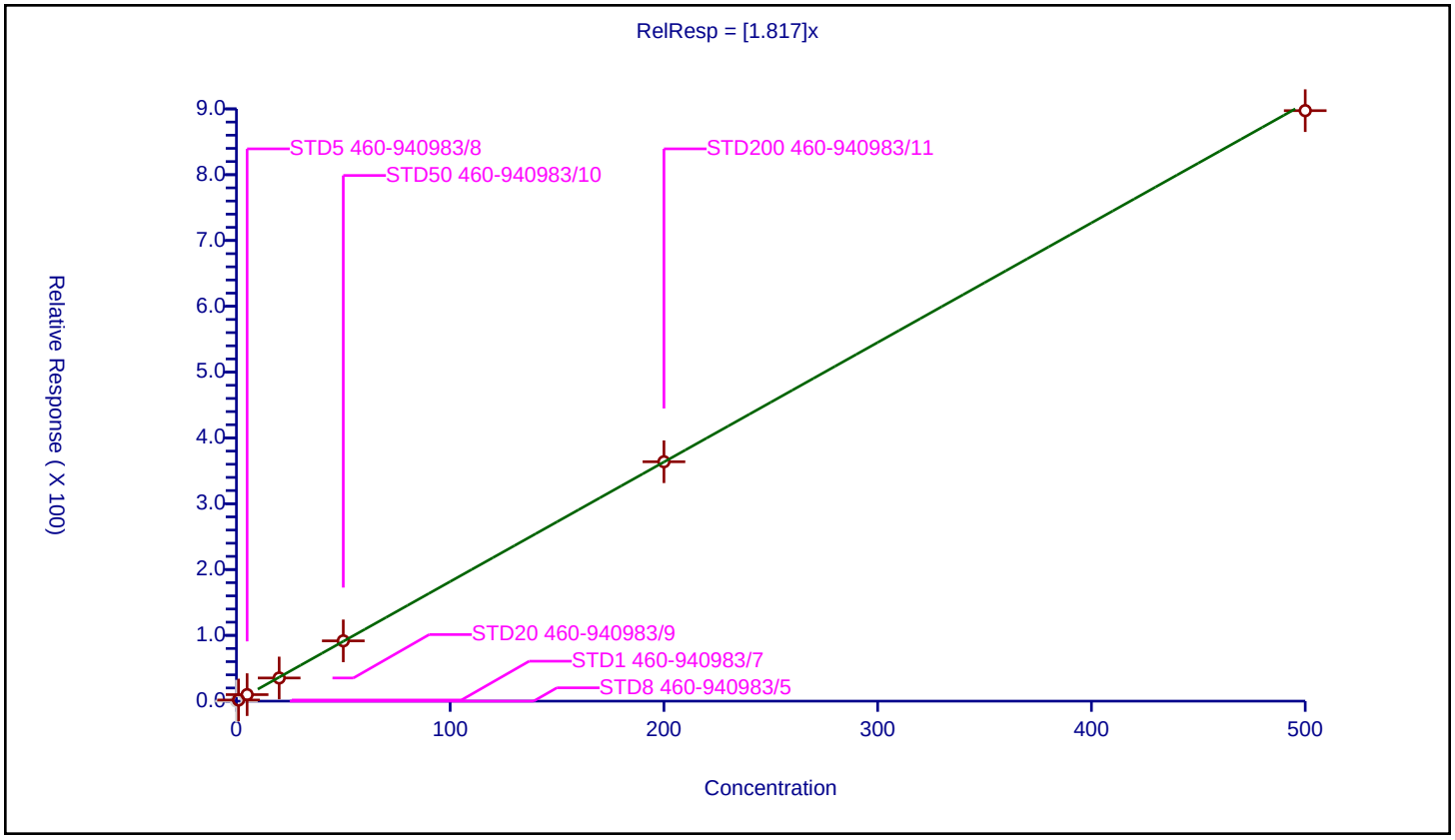
Curve Coefficients

Intercept:	0
Slope:	1.817

Error Coefficients

Standard Error:	5540000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.718909	50.0	464626.0	1.718909	Y
3	STD5 460-940983/8	5.0	9.886146	50.0	475610.0	1.977229	Y
4	STD20 460-940983/9	20.0	35.182357	50.0	488492.0	1.759118	Y
5	STD50 460-940983/10	50.0	91.625596	50.0	521667.0	1.832512	Y
6	STD200 460-940983/11	200.0	363.816032	50.0	569078.0	1.81908	Y
7	STD500 460-940983/12	500.0	897.336936	50.0	648689.0	1.794674	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

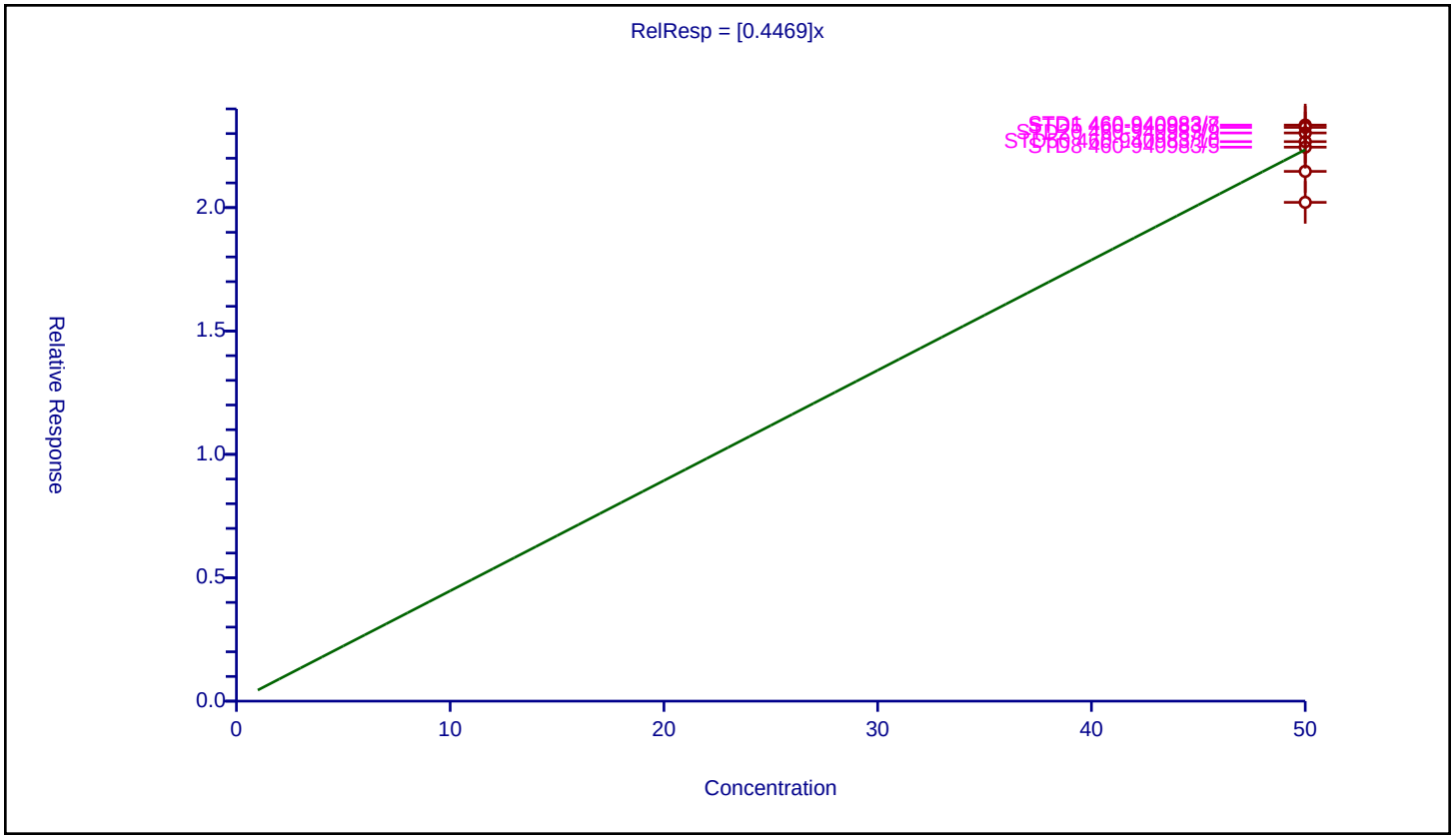
Curve Coefficients

Intercept:	0
Slope:	0.4469

Error Coefficients

Standard Error:	247000
Relative Standard Error:	5.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	22.448518	50.0	420246.0	0.44897	Y
2	STD1 460-940983/7	50.0	23.344152	50.0	464626.0	0.466883	Y
3	STD5 460-940983/8	50.0	23.250562	50.0	475610.0	0.465011	Y
4	STD20 460-940983/9	50.0	23.025249	50.0	488492.0	0.460505	Y
5	STD50 460-940983/10	50.0	22.67318	50.0	521667.0	0.453464	Y
6	STD200 460-940983/11	50.0	21.467444	50.0	569078.0	0.429349	Y
7	STD500 460-940983/12	50.0	20.212382	50.0	648689.0	0.404248	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

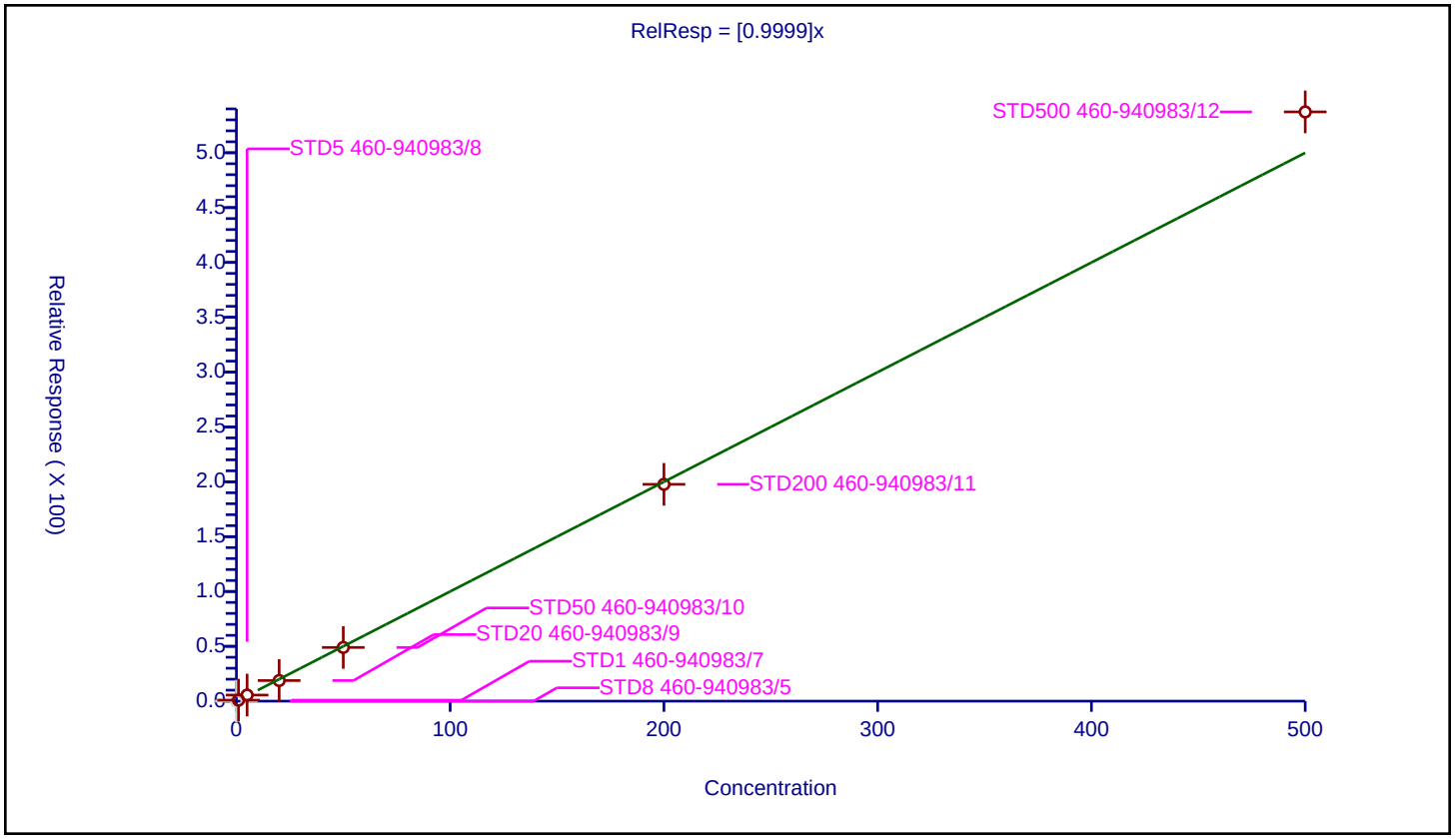
Curve Coefficients

Intercept:	0
Slope:	0.9999

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.908066	50.0	258131.0	0.908066	Y
3	STD5 460-940983/8	5.0	5.552363	50.0	259259.0	1.110473	Y
4	STD20 460-940983/9	20.0	18.773603	50.0	267442.0	0.93868	Y
5	STD50 460-940983/10	50.0	48.952042	50.0	284267.0	0.979041	Y
6	STD200 460-940983/11	200.0	197.681804	50.0	311600.0	0.988409	Y
7	STD500 460-940983/12	500.0	537.243503	50.0	331486.0	1.074487	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

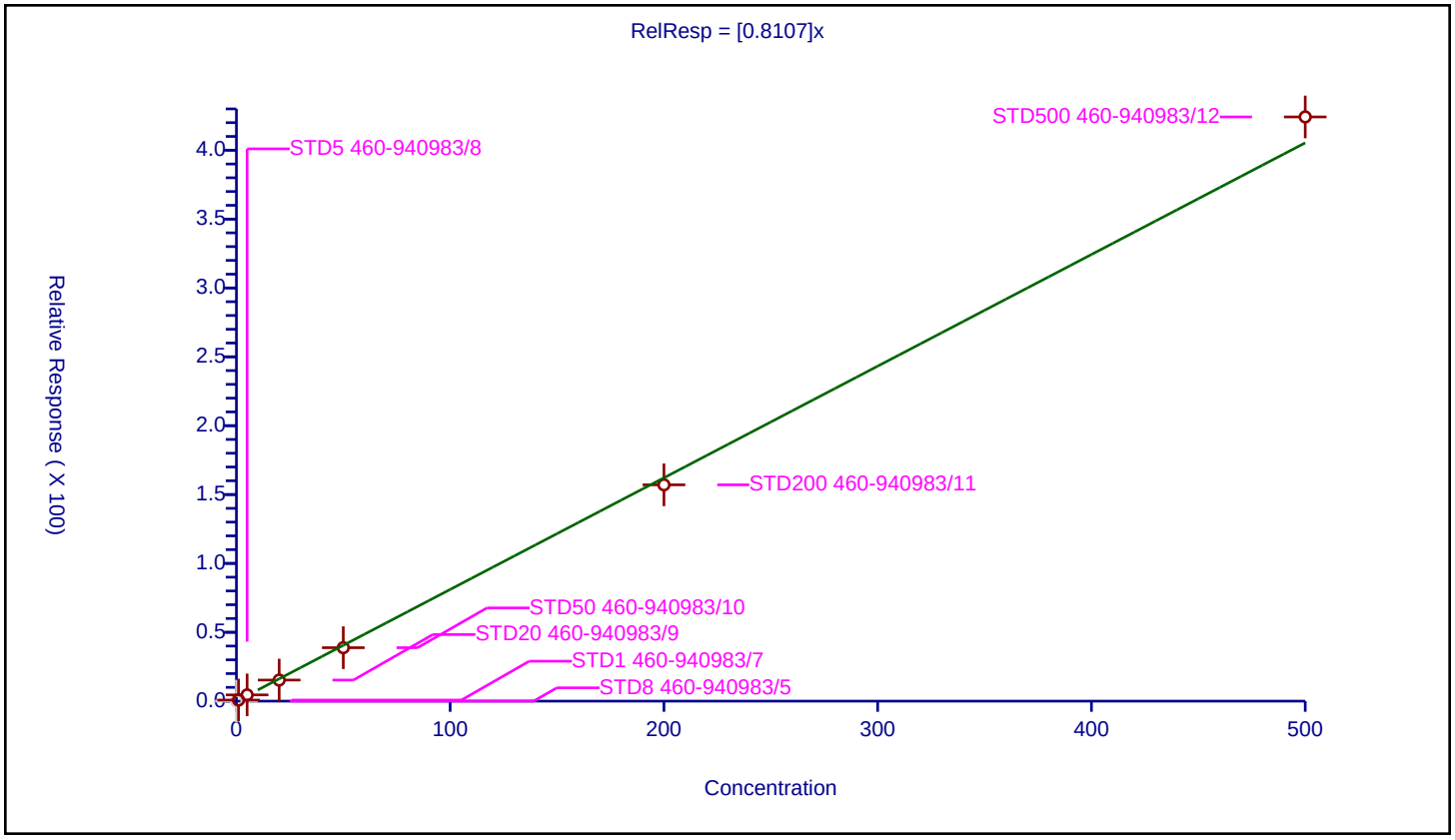
Curve Coefficients

Intercept:	0
Slope:	0.8107

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.782742	50.0	258131.0	0.782742	Y
3	STD5 460-940983/8	5.0	4.531183	50.0	259259.0	0.906237	Y
4	STD20 460-940983/9	20.0	15.313414	50.0	267442.0	0.765671	Y
5	STD50 460-940983/10	50.0	38.799966	50.0	284267.0	0.775999	Y
6	STD200 460-940983/11	200.0	157.04172	50.0	311600.0	0.785209	Y
7	STD500 460-940983/12	500.0	424.165576	50.0	331486.0	0.848331	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

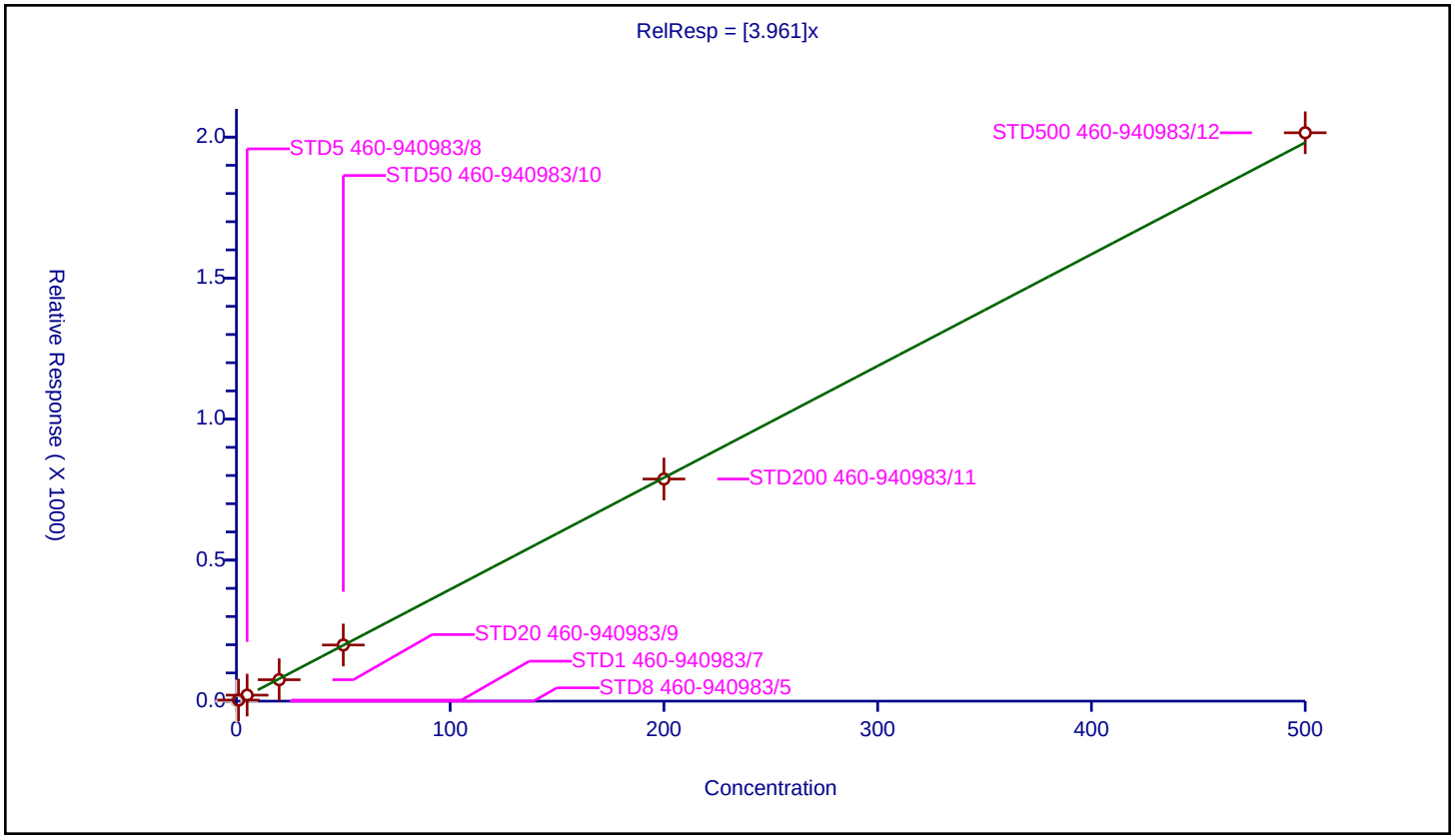
Curve Coefficients

Intercept:	0
Slope:	3.961

Error Coefficients

Standard Error:	6390000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	3.759719	50.0	258131.0	3.759719	Y
3	STD5 460-940983/8	5.0	21.29955	50.0	259259.0	4.25991	Y
4	STD20 460-940983/9	20.0	75.97853	50.0	267442.0	3.798926	Y
5	STD50 460-940983/10	50.0	199.039459	50.0	284267.0	3.980789	Y
6	STD200 460-940983/11	200.0	787.539474	50.0	311600.0	3.937697	Y
7	STD500 460-940983/12	500.0	2015.367466	50.0	331486.0	4.030735	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

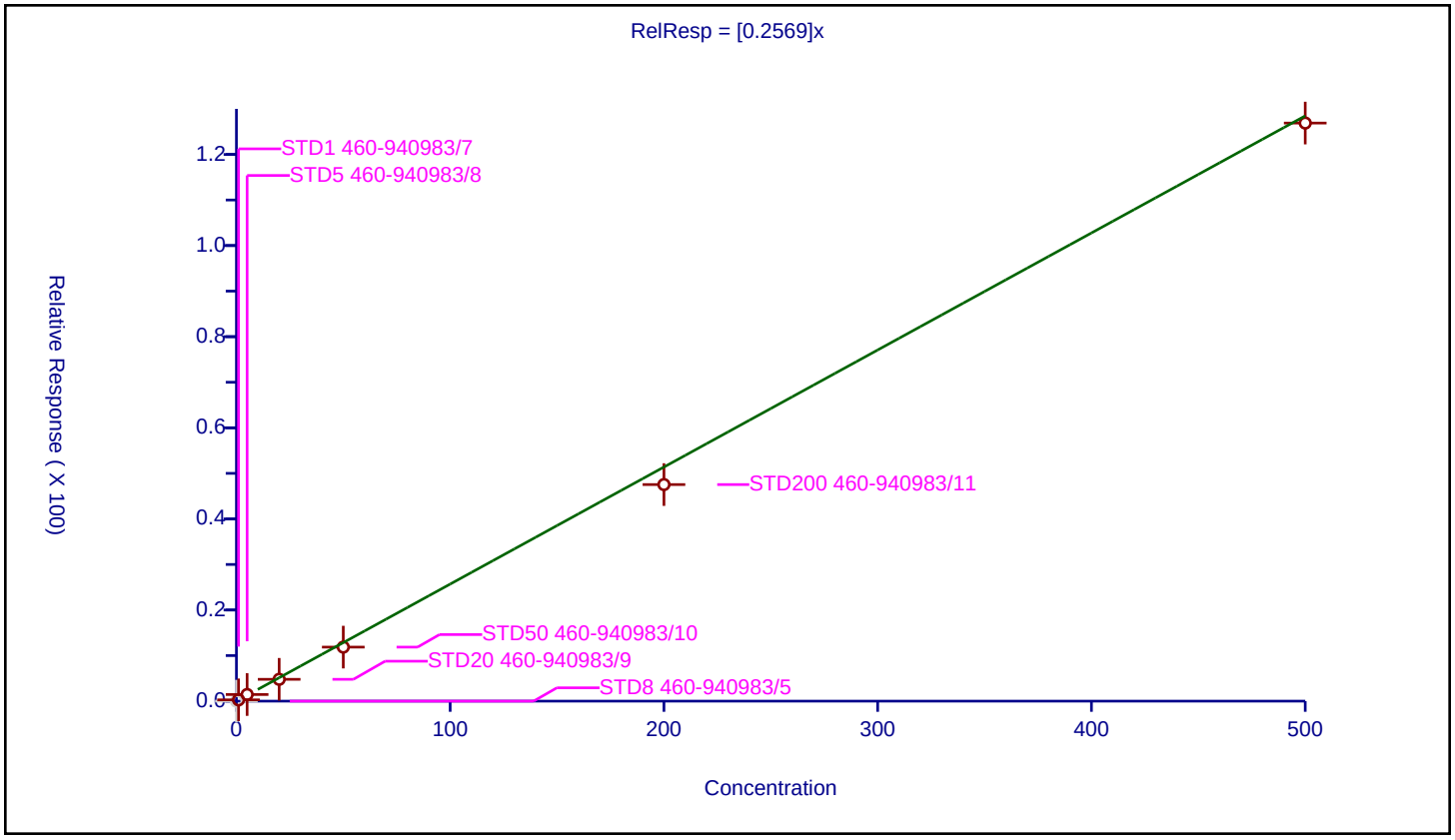
Curve Coefficients

Intercept:	0
Slope:	0.2569

Error Coefficients

Standard Error:	400000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.282608	50.0	258131.0	0.282608	Y
3	STD5 460-940983/8	5.0	1.454337	50.0	259259.0	0.290867	Y
4	STD20 460-940983/9	20.0	4.78945	50.0	267442.0	0.239472	Y
5	STD50 460-940983/10	50.0	11.857338	50.0	284267.0	0.237147	Y
6	STD200 460-940983/11	200.0	47.537548	50.0	311600.0	0.237688	Y
7	STD500 460-940983/12	500.0	126.891483	50.0	331486.0	0.253783	Y



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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

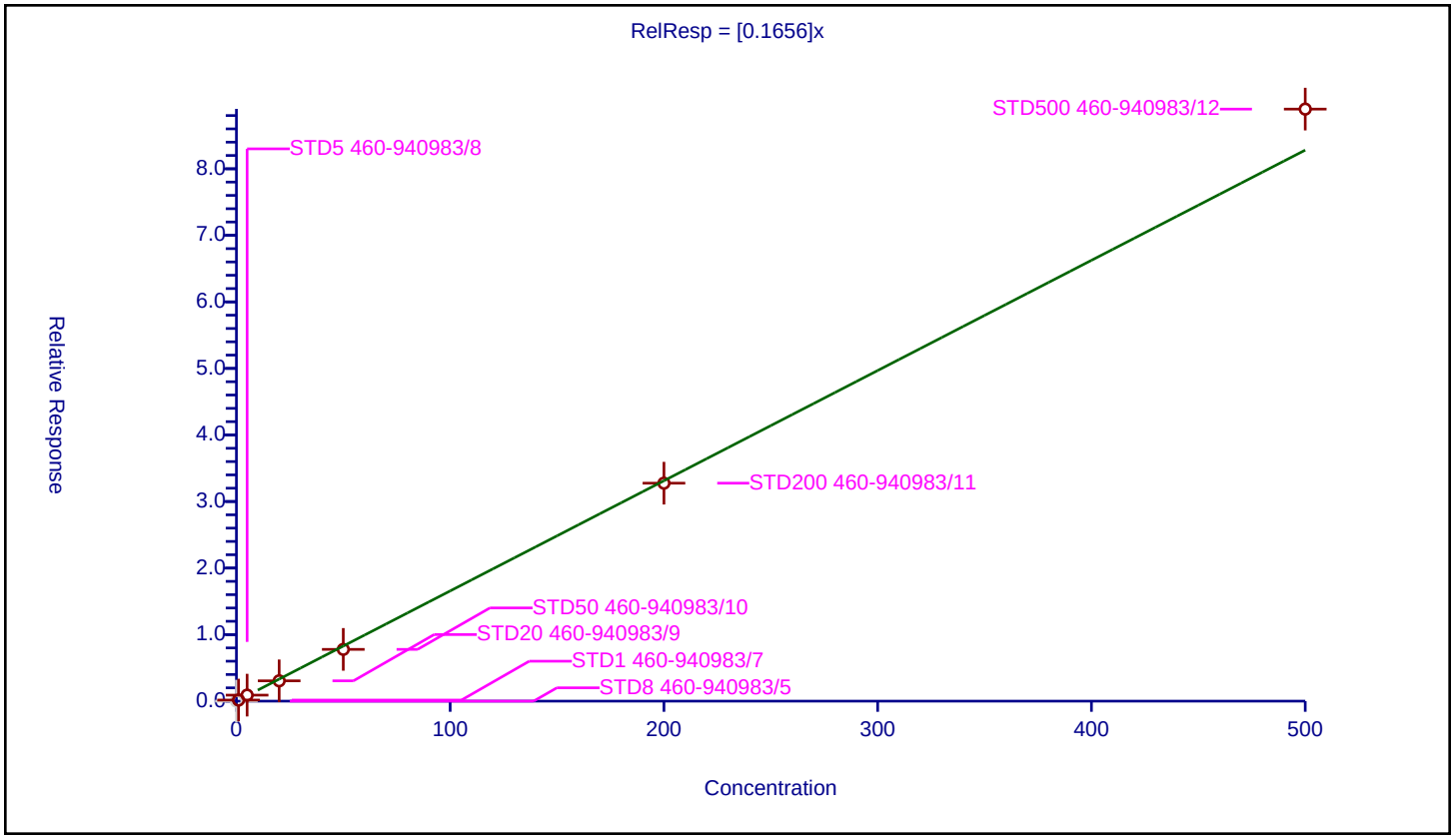
Curve Coefficients

Intercept:	0
Slope:	0.1656

Error Coefficients

Standard Error:	280000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.163289	50.0	258131.0	0.163289	Y
3	STD5 460-940983/8	5.0	0.902187	50.0	259259.0	0.180437	Y
4	STD20 460-940983/9	20.0	3.053559	50.0	267442.0	0.152678	Y
5	STD50 460-940983/10	50.0	7.777547	50.0	284267.0	0.155551	Y
6	STD200 460-940983/11	200.0	32.755456	50.0	311600.0	0.163777	Y
7	STD500 460-940983/12	500.0	88.967709	50.0	331486.0	0.177935	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

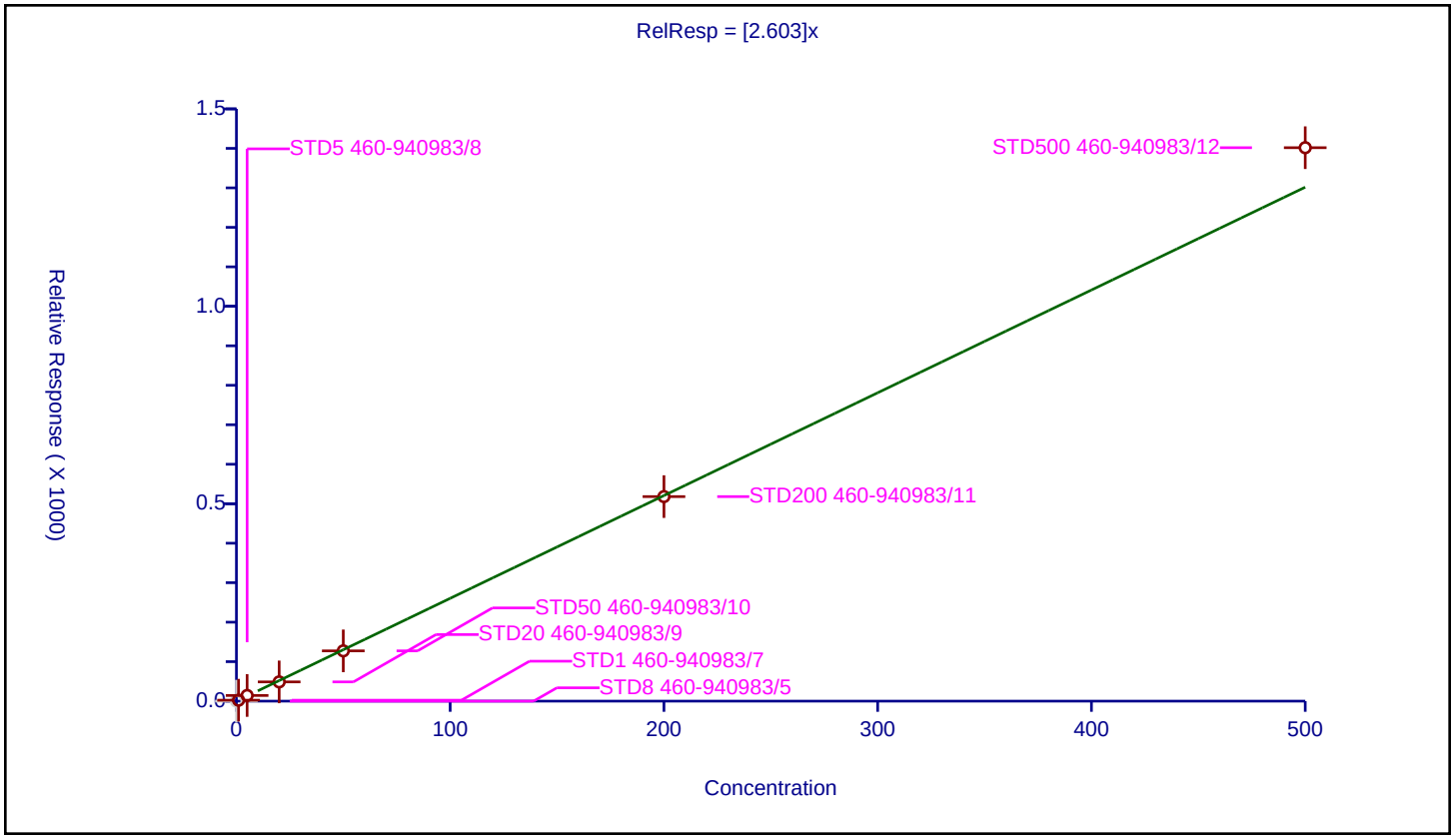
Curve Coefficients

Intercept:	0
Slope:	2.603

Error Coefficients

Standard Error:	4410000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.377669	50.0	258131.0	2.377669	Y
3	STD5 460-940983/8	5.0	14.316957	50.0	259259.0	2.863391	Y
4	STD20 460-940983/9	20.0	48.76347	50.0	267442.0	2.438174	Y
5	STD50 460-940983/10	50.0	127.35263	50.0	284267.0	2.547053	Y
6	STD200 460-940983/11	200.0	518.023267	50.0	311600.0	2.590116	Y
7	STD500 460-940983/12	500.0	1401.717116	50.0	331486.0	2.803434	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

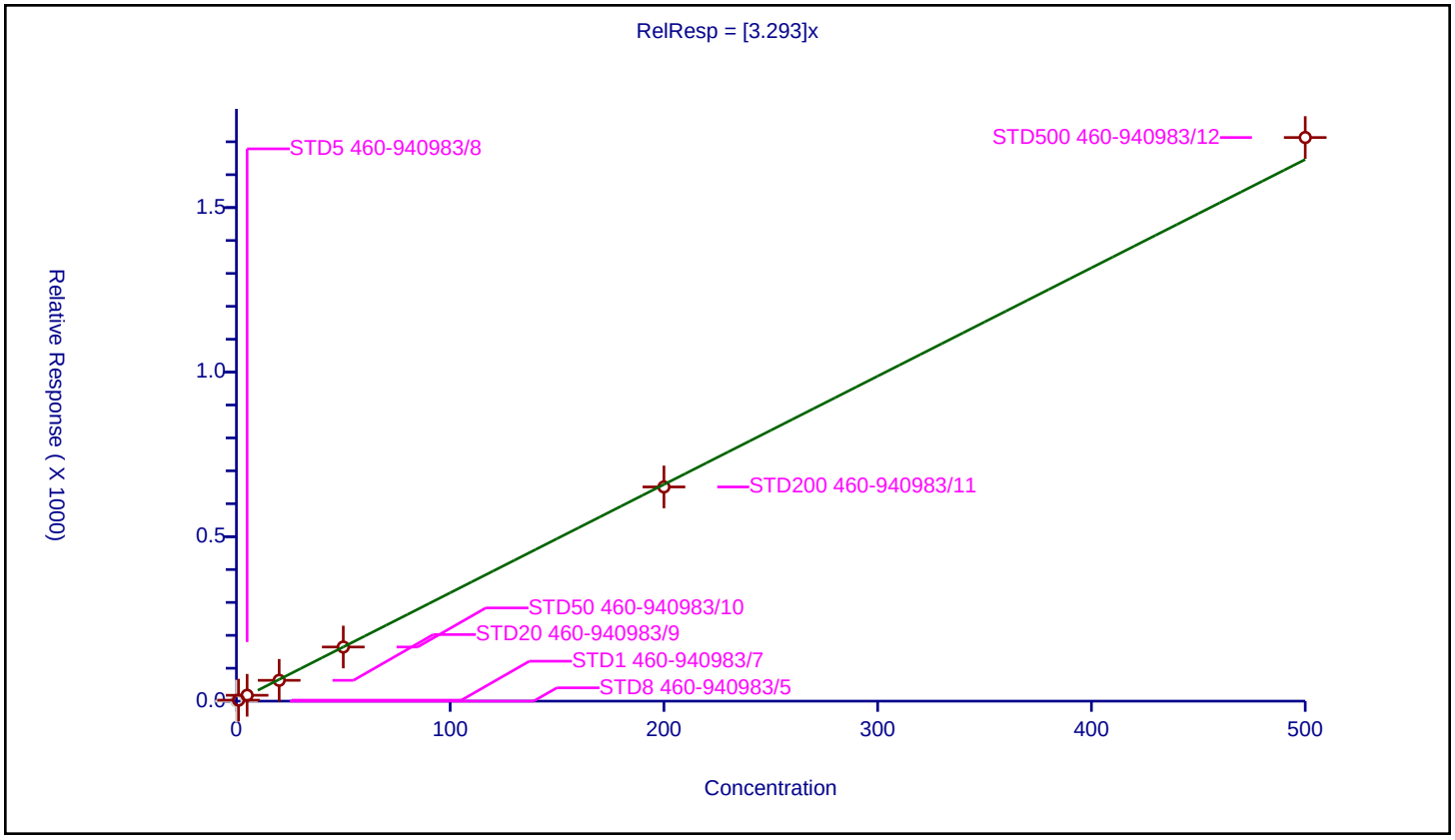
Curve Coefficients

Intercept:	0
Slope:	3.293

Error Coefficients

Standard Error:	5410000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	3.056781	50.0	258131.0	3.056781	Y
3	STD5 460-940983/8	5.0	17.814039	50.0	259259.0	3.562808	Y
4	STD20 460-940983/9	20.0	63.289424	50.0	267442.0	3.164471	Y
5	STD50 460-940983/10	50.0	164.521031	50.0	284267.0	3.290421	Y
6	STD200 460-940983/11	200.0	650.983793	50.0	311600.0	3.254919	Y
7	STD500 460-940983/12	500.0	1712.952885	50.0	331486.0	3.425906	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

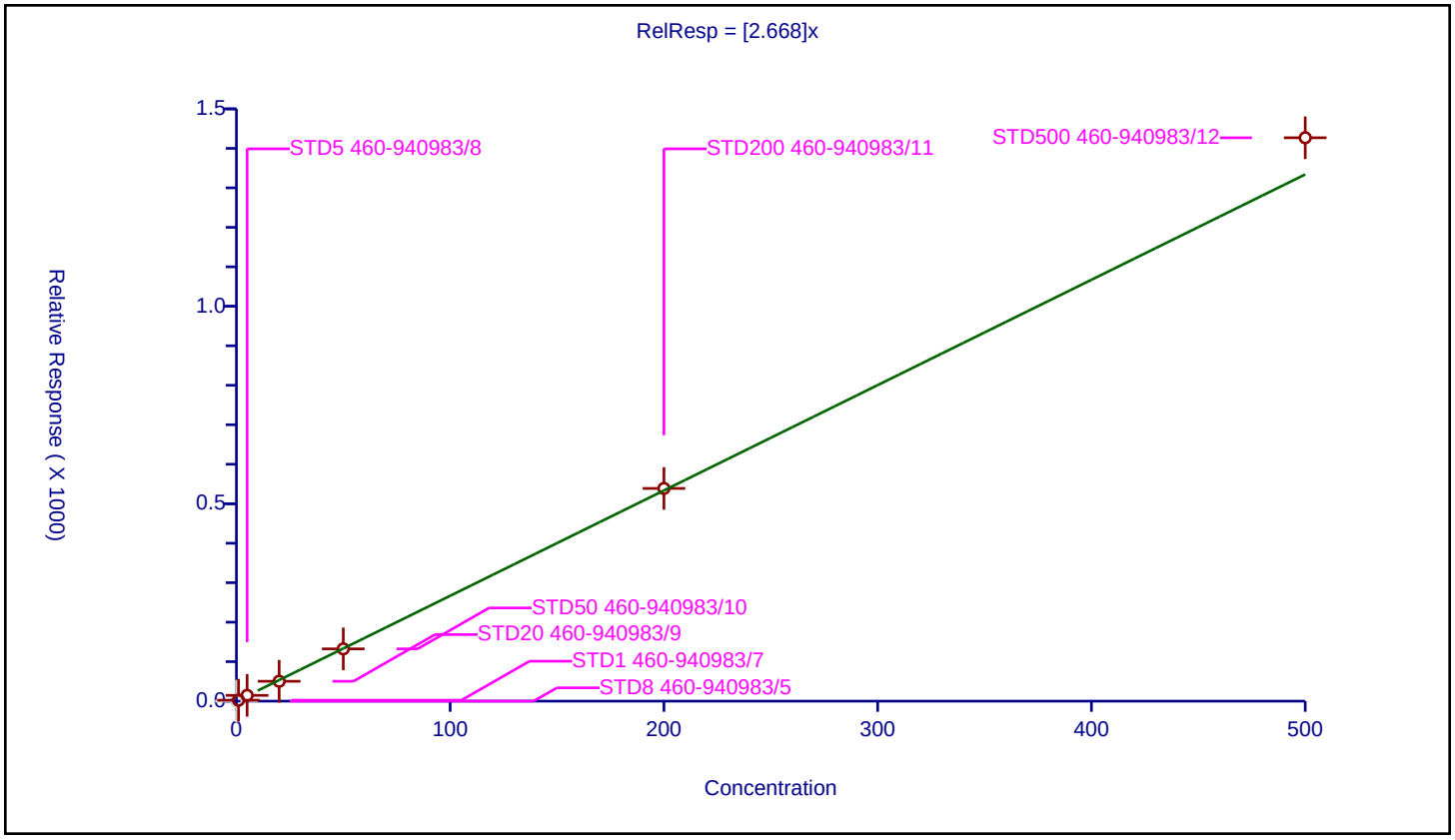
Curve Coefficients

Intercept:	0
Slope:	2.668

Error Coefficients

Standard Error:	4500000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.372826	50.0	258131.0	2.372826	Y
3	STD5 460-940983/8	5.0	14.625915	50.0	259259.0	2.925183	Y
4	STD20 460-940983/9	20.0	50.299691	50.0	267442.0	2.514985	Y
5	STD50 460-940983/10	50.0	132.364467	50.0	284267.0	2.647289	Y
6	STD200 460-940983/11	200.0	538.713094	50.0	311600.0	2.693565	Y
7	STD500 460-940983/12	500.0	1426.866746	50.0	331486.0	2.853733	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

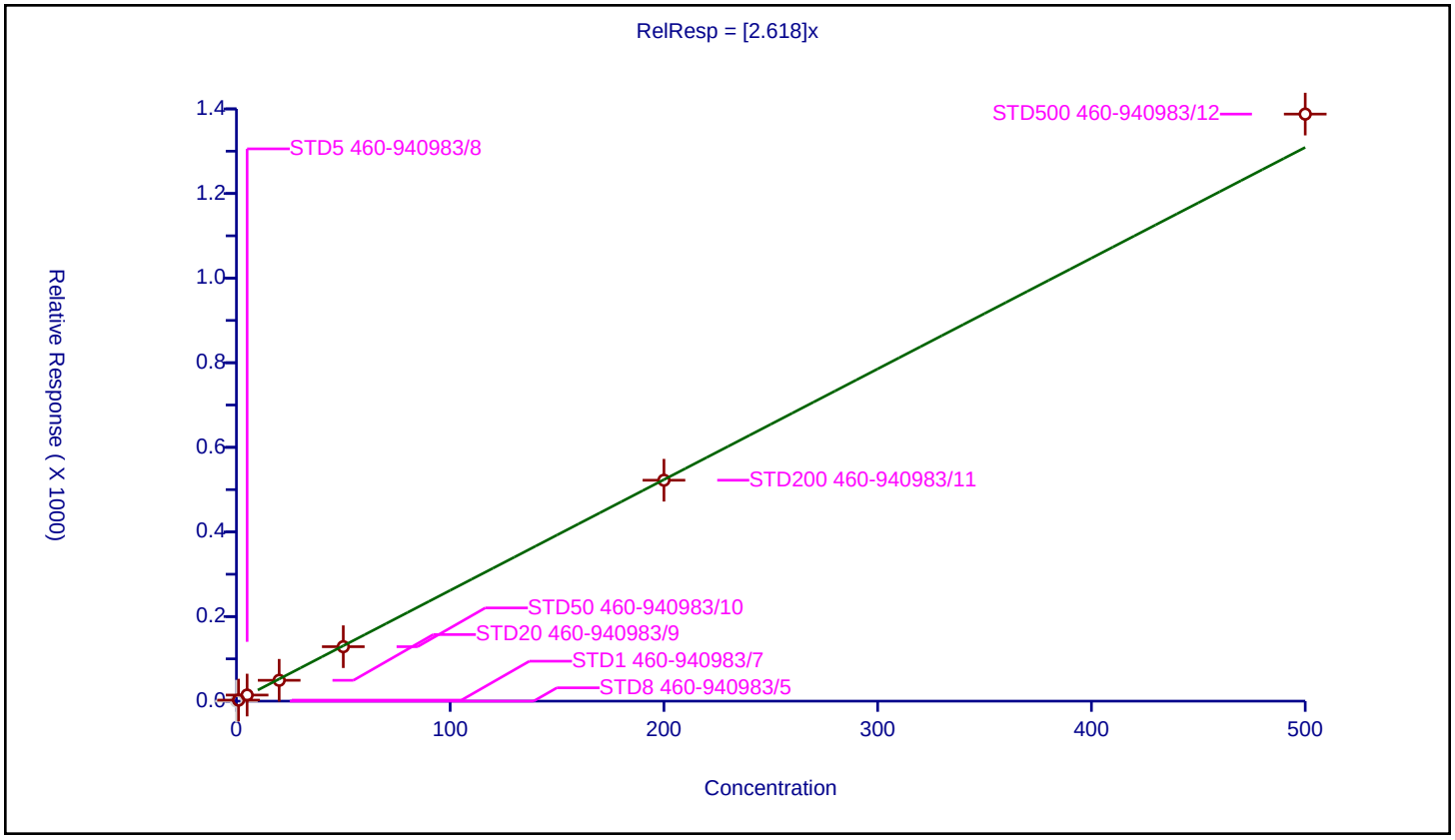
Curve Coefficients

Intercept:	0
Slope:	2.618

Error Coefficients

Standard Error:	4380000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.404593	50.0	258131.0	2.404593	Y
3	STD5 460-940983/8	5.0	14.392364	50.0	259259.0	2.878473	Y
4	STD20 460-940983/9	20.0	49.291248	50.0	267442.0	2.464562	Y
5	STD50 460-940983/10	50.0	128.690632	50.0	284267.0	2.573813	Y
6	STD200 460-940983/11	200.0	522.19785	50.0	311600.0	2.610989	Y
7	STD500 460-940983/12	500.0	1387.704911	50.0	331486.0	2.77541	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

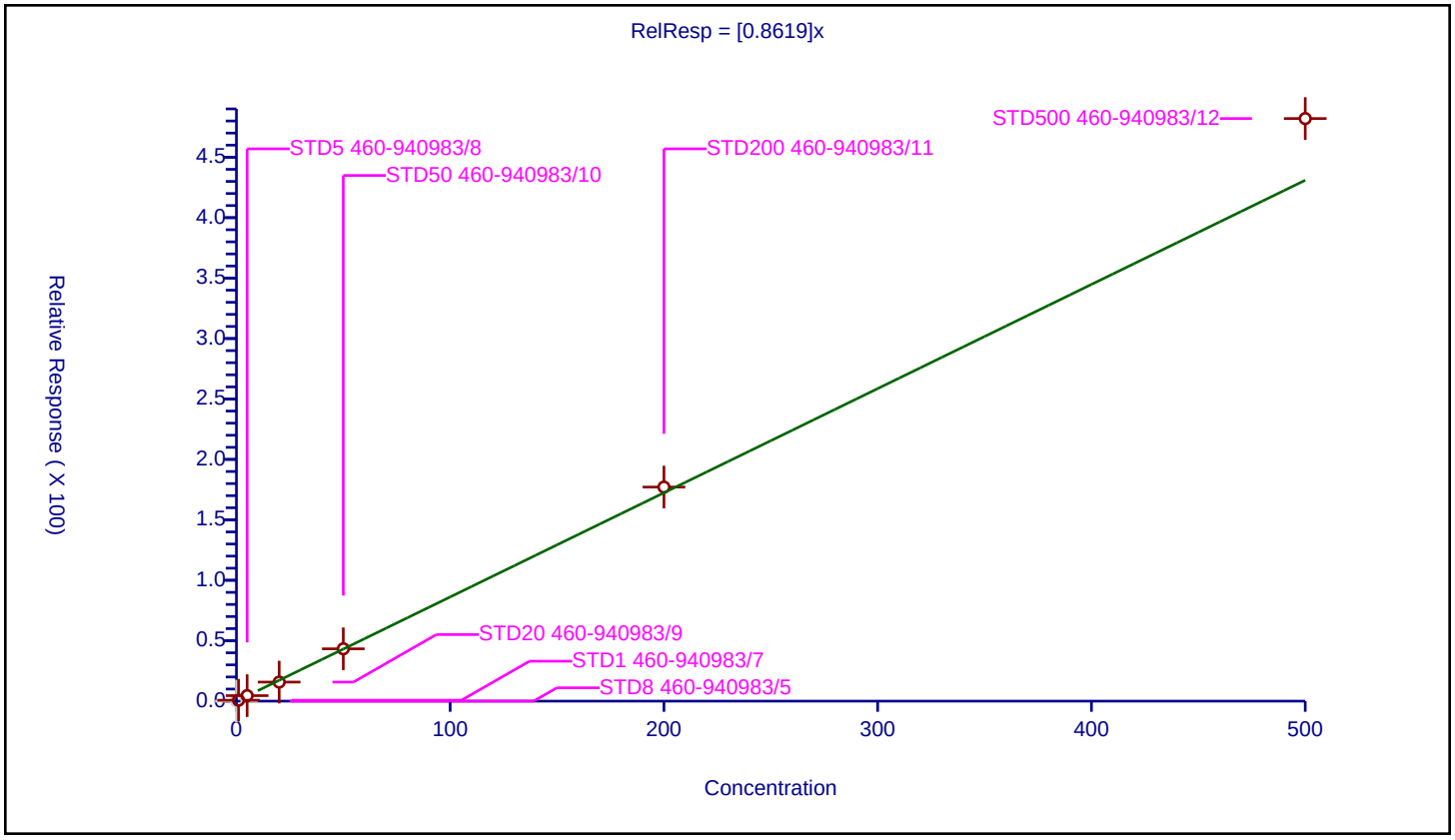
Curve Coefficients

Intercept:	0
Slope:	0.8619

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.759111	50.0	258131.0	0.759111	Y
3	STD5 460-940983/8	5.0	4.54179	50.0	259259.0	0.908358	Y
4	STD20 460-940983/9	20.0	15.776692	50.0	267442.0	0.788835	Y
5	STD50 460-940983/10	50.0	43.291166	50.0	284267.0	0.865823	Y
6	STD200 460-940983/11	200.0	177.1043	50.0	311600.0	0.885522	Y
7	STD500 460-940983/12	500.0	481.990944	50.0	331486.0	0.963982	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

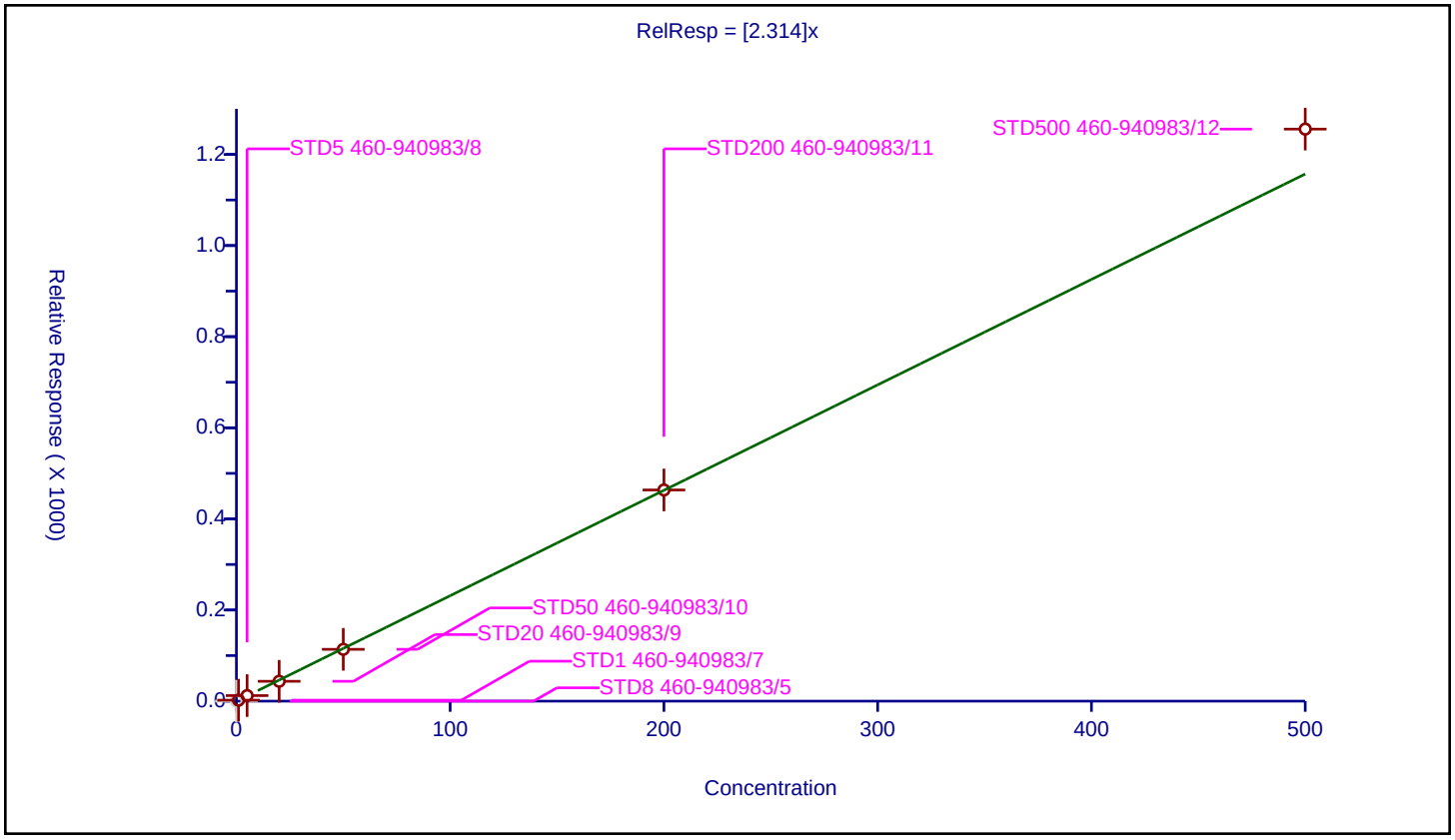
Curve Coefficients

Intercept:	0
Slope:	2.314

Error Coefficients

Standard Error:	3950000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.16208	50.0	258131.0	2.16208	Y
3	STD5 460-940983/8	5.0	12.199384	50.0	259259.0	2.439877	Y
4	STD20 460-940983/9	20.0	43.590199	50.0	267442.0	2.17951	Y
5	STD50 460-940983/10	50.0	113.728642	50.0	284267.0	2.274573	Y
6	STD200 460-940983/11	200.0	463.504172	50.0	311600.0	2.317521	Y
7	STD500 460-940983/12	500.0	1255.639454	50.0	331486.0	2.511279	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

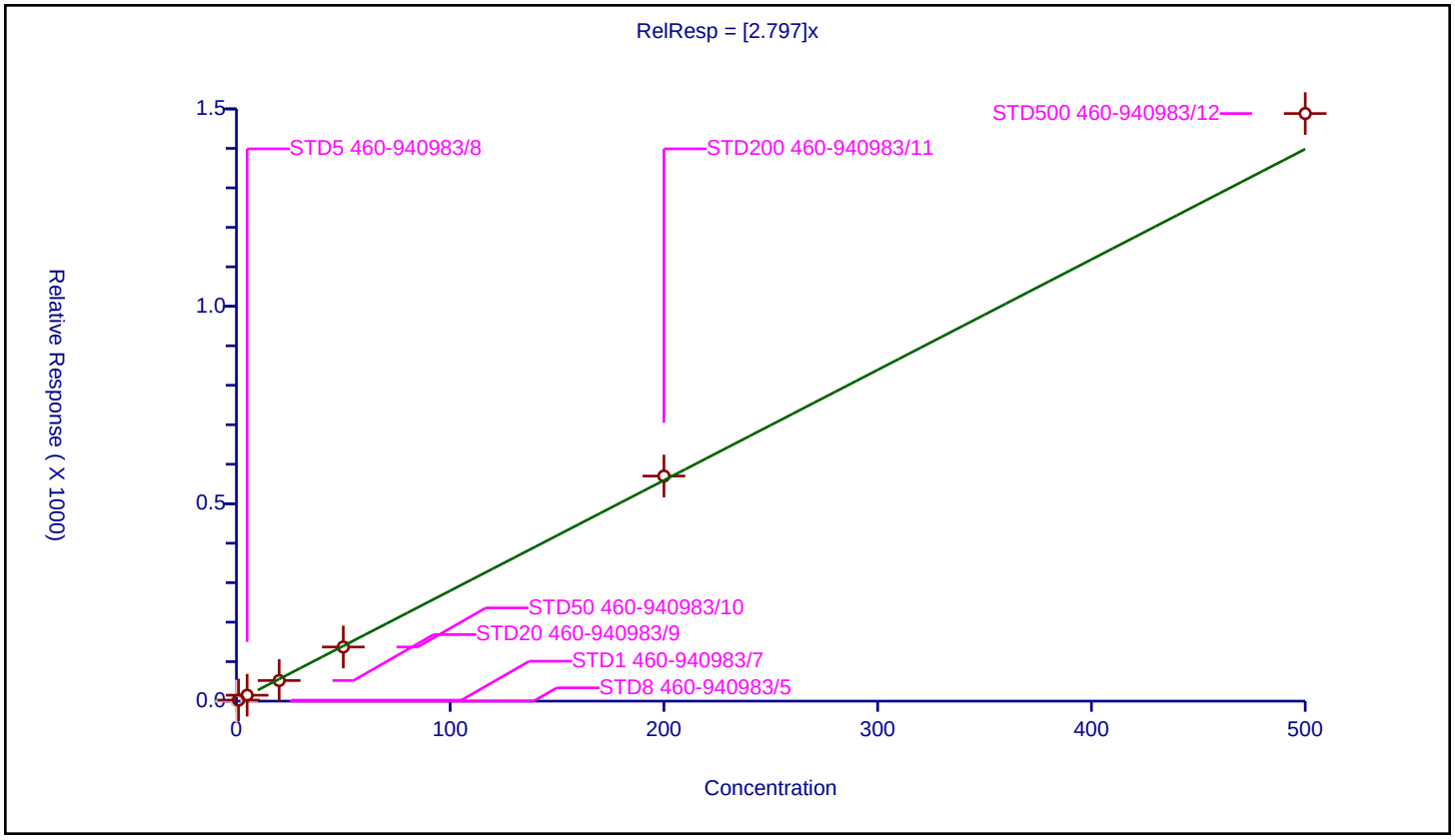
Curve Coefficients

Intercept:	0
Slope:	2.797

Error Coefficients

Standard Error:	4700000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.601586	50.0	258131.0	2.601586	Y
3	STD5 460-940983/8	5.0	14.994465	50.0	259259.0	2.998893	Y
4	STD20 460-940983/9	20.0	52.181408	50.0	267442.0	2.60907	Y
5	STD50 460-940983/10	50.0	137.128298	50.0	284267.0	2.742566	Y
6	STD200 460-940983/11	200.0	570.138318	50.0	311600.0	2.850692	Y
7	STD500 460-940983/12	500.0	1488.241434	50.0	331486.0	2.976483	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

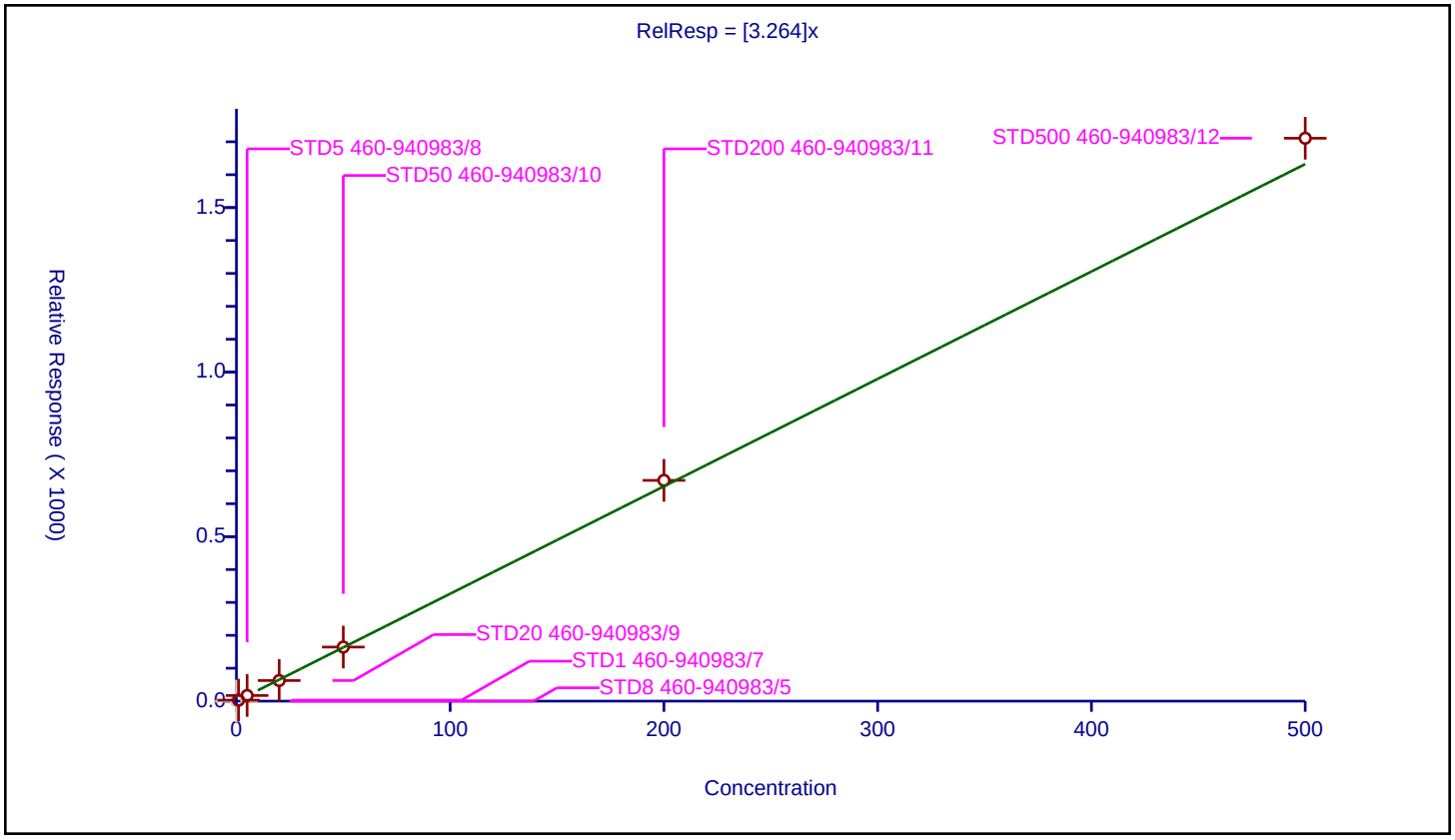
Curve Coefficients

Intercept:	0
Slope:	3.264

Error Coefficients

Standard Error:	5420000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.972715	50.0	258131.0	2.972715	Y
3	STD5 460-940983/8	5.0	17.097381	50.0	259259.0	3.419476	Y
4	STD20 460-940983/9	20.0	62.600115	50.0	267442.0	3.130006	Y
5	STD50 460-940983/10	50.0	164.389817	50.0	284267.0	3.287796	Y
6	STD200 460-940983/11	200.0	670.978177	50.0	311600.0	3.354891	Y
7	STD500 460-940983/12	500.0	1710.758825	50.0	331486.0	3.421518	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

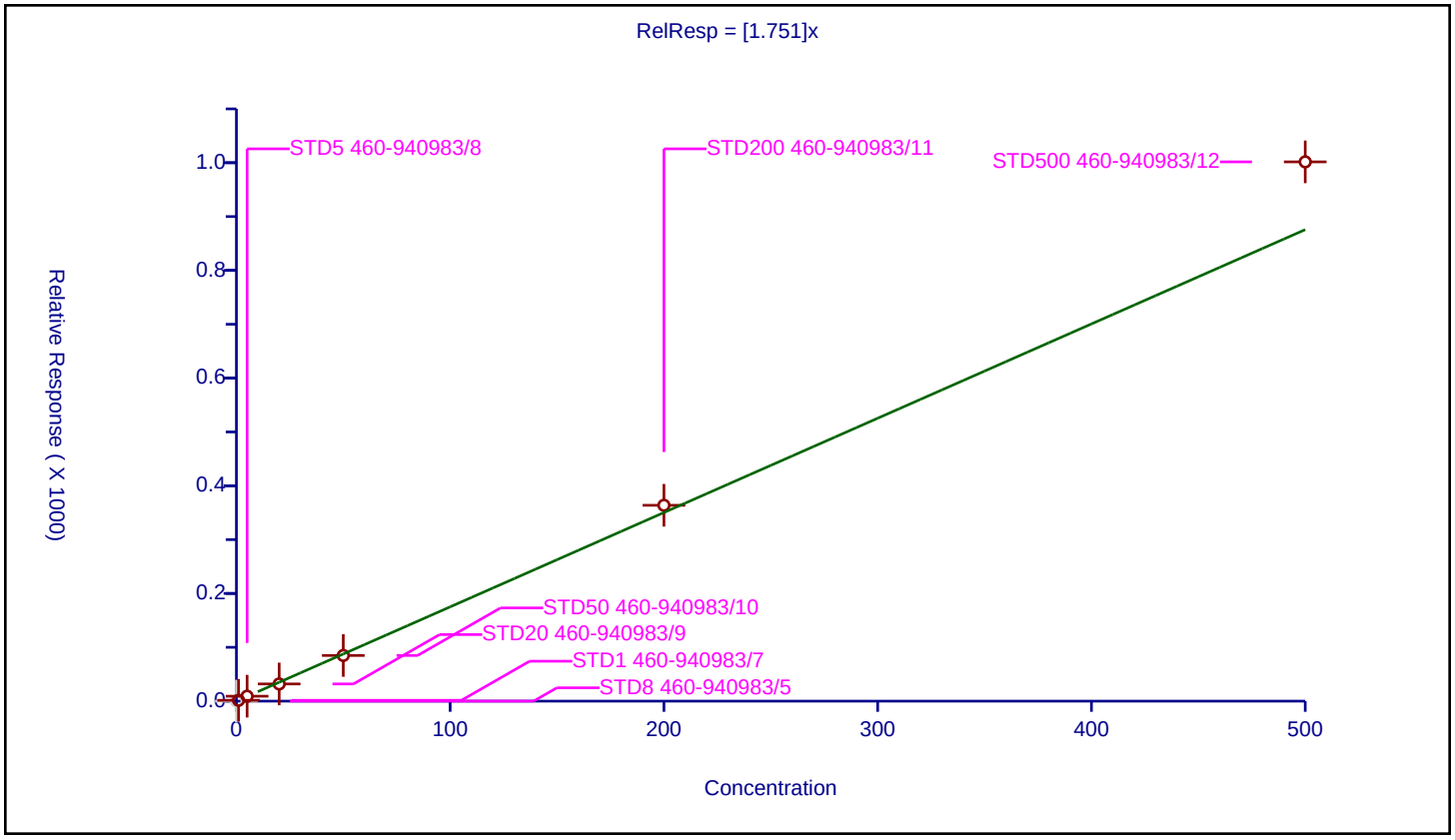
Curve Coefficients

Intercept:	0
Slope:	1.751

Error Coefficients

Standard Error:	3150000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.560642	50.0	258131.0	1.560642	Y
3	STD5 460-940983/8	5.0	9.166509	50.0	259259.0	1.833302	Y
4	STD20 460-940983/9	20.0	31.936457	50.0	267442.0	1.596823	Y
5	STD50 460-940983/10	50.0	84.795105	50.0	284267.0	1.695902	Y
6	STD200 460-940983/11	200.0	363.76027	50.0	311600.0	1.818801	Y
7	STD500 460-940983/12	500.0	1001.613794	50.0	331486.0	2.003228	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

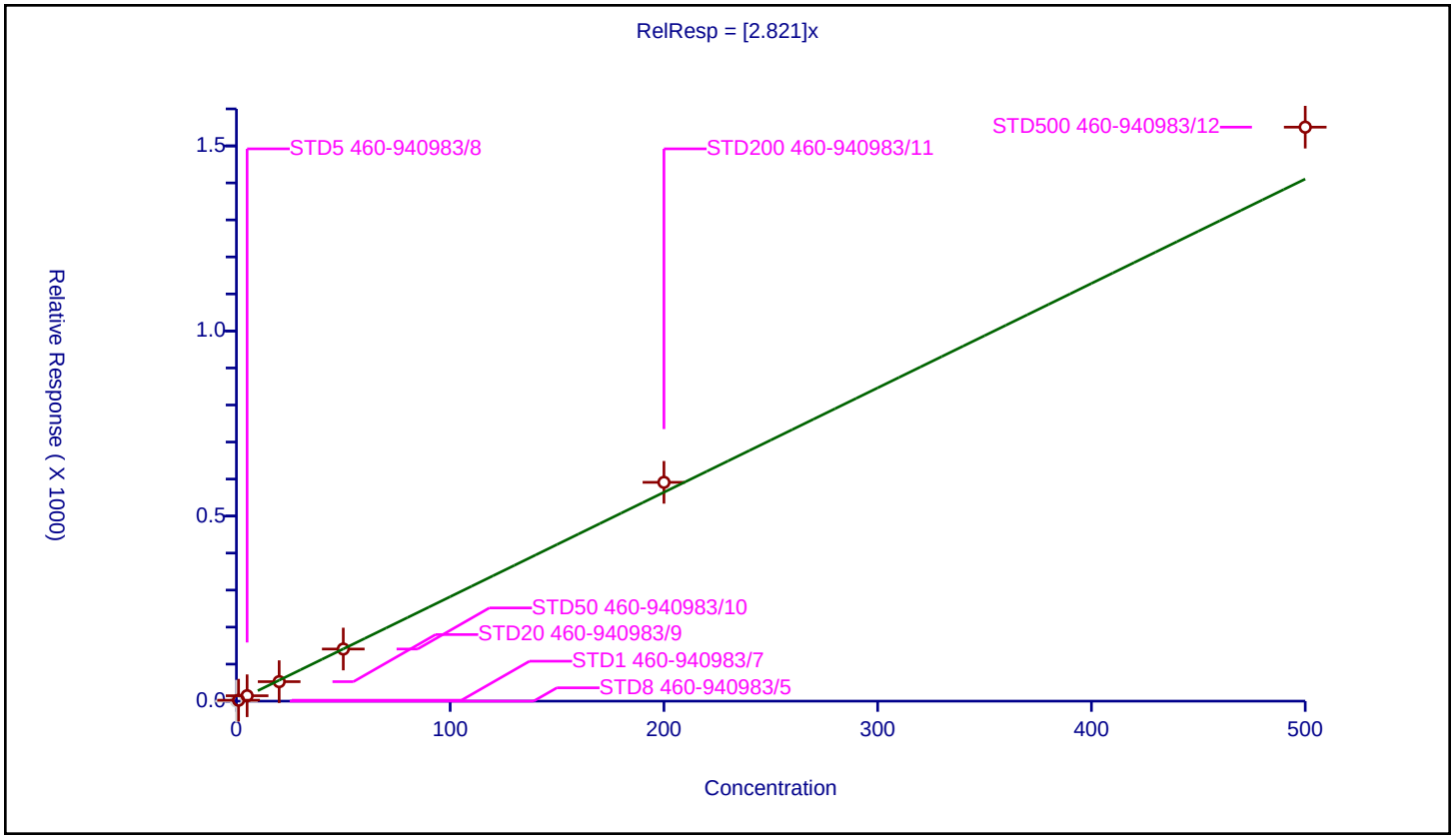
Curve Coefficients

Intercept:	0
Slope:	2.821

Error Coefficients

Standard Error:	4900000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.504736	50.0	258131.0	2.504736	Y
3	STD5 460-940983/8	5.0	14.583872	50.0	259259.0	2.916774	Y
4	STD20 460-940983/9	20.0	52.665064	50.0	267442.0	2.633253	Y
5	STD50 460-940983/10	50.0	140.74233	50.0	284267.0	2.814847	Y
6	STD200 460-940983/11	200.0	591.167202	50.0	311600.0	2.955836	Y
7	STD500 460-940983/12	500.0	1550.659606	50.0	331486.0	3.101319	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

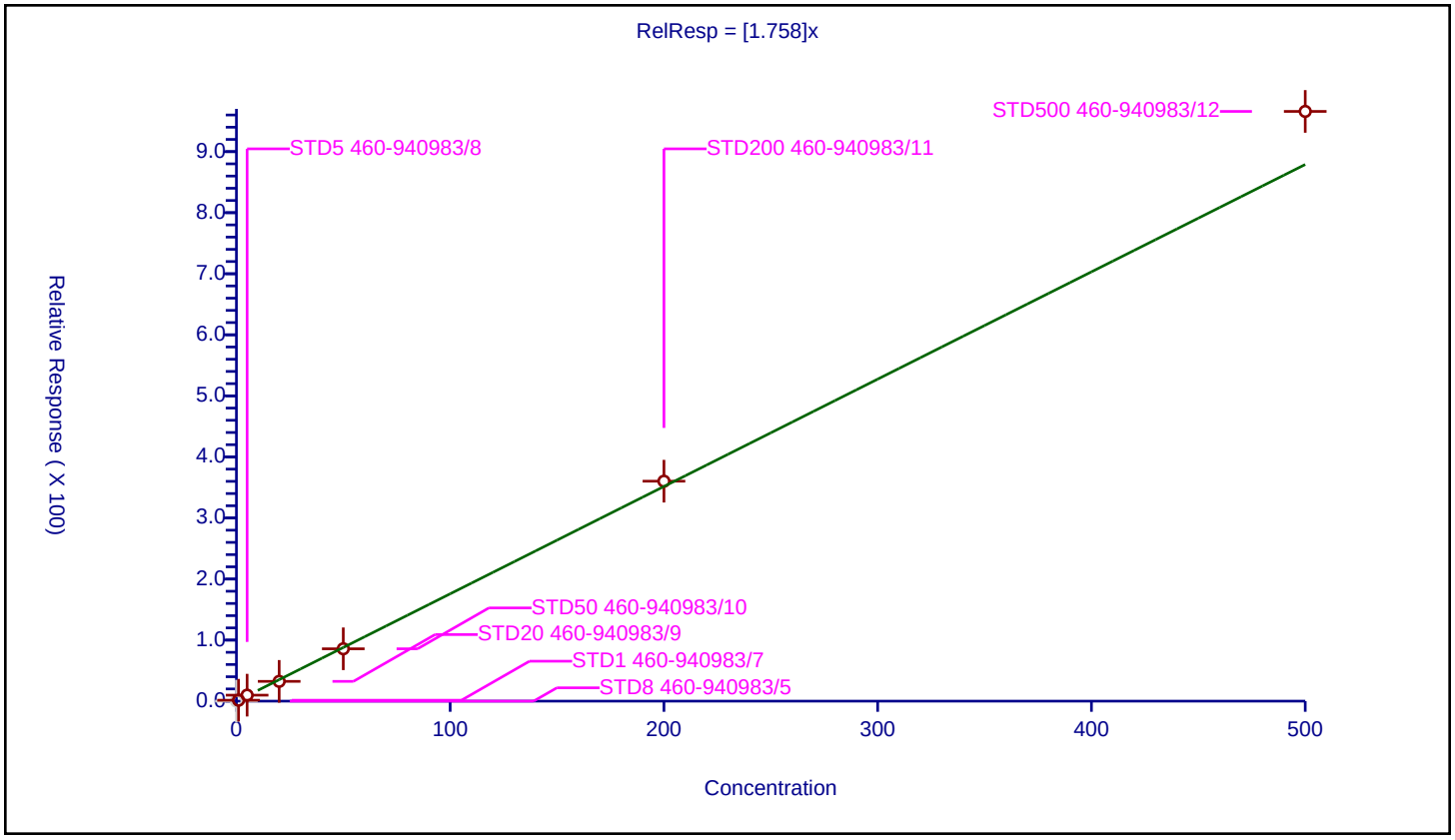
Curve Coefficients

Intercept:	0
Slope:	1.758

Error Coefficients

Standard Error:	3040000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.521902	50.0	258131.0	1.521902	Y
3	STD5 460-940983/8	5.0	9.789438	50.0	259259.0	1.957888	Y
4	STD20 460-940983/9	20.0	32.390574	50.0	267442.0	1.619529	Y
5	STD50 460-940983/10	50.0	85.742453	50.0	284267.0	1.714849	Y
6	STD200 460-940983/11	200.0	360.23267	50.0	311600.0	1.801163	Y
7	STD500 460-940983/12	500.0	965.853611	50.0	331486.0	1.931707	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

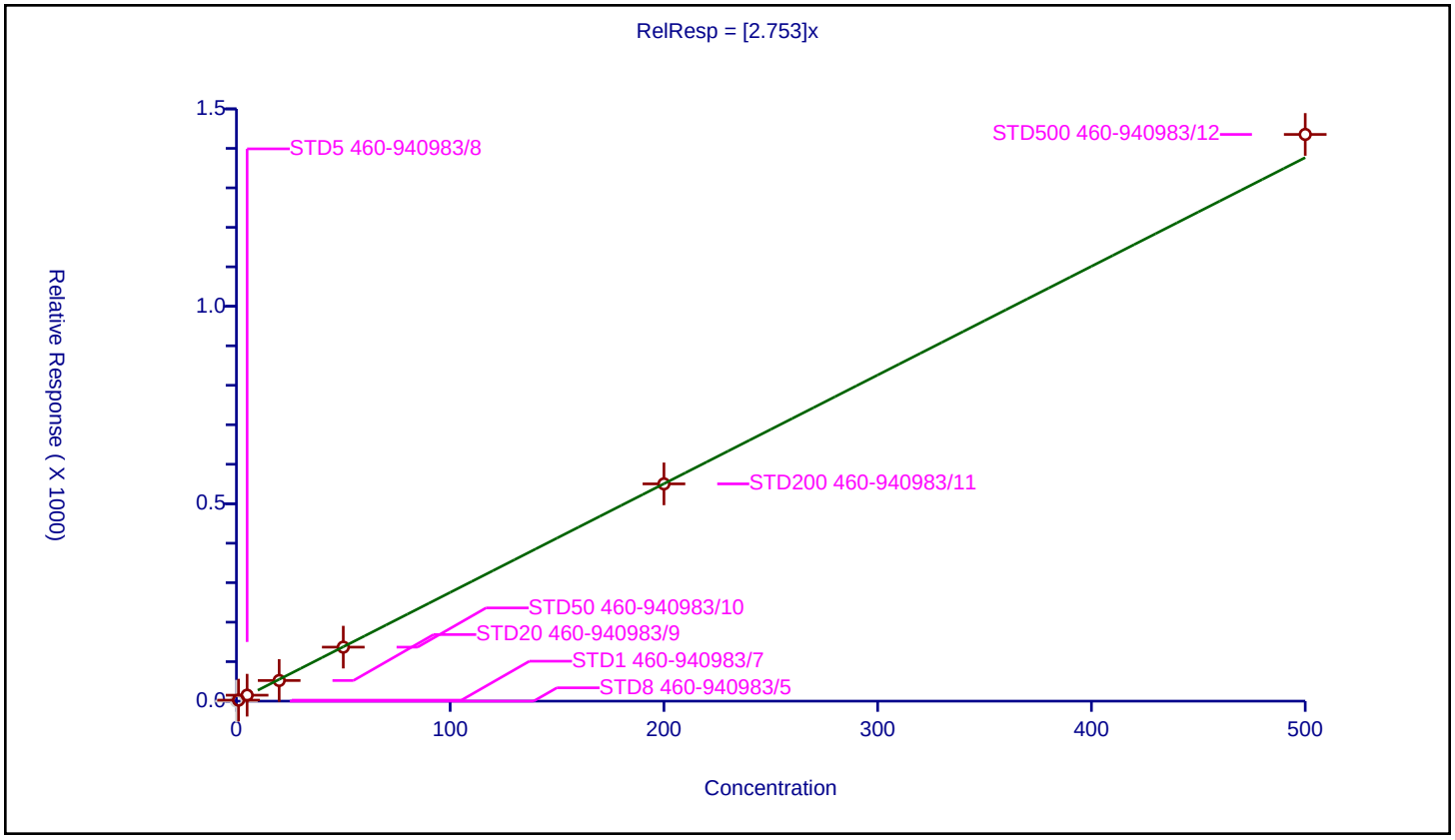
Curve Coefficients

Intercept:	0
Slope:	2.753

Error Coefficients

Standard Error:	4540000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.536696	50.0	258131.0	2.536696	Y
3	STD5 460-940983/8	5.0	15.065244	50.0	259259.0	3.013049	Y
4	STD20 460-940983/9	20.0	52.244786	50.0	267442.0	2.612239	Y
5	STD50 460-940983/10	50.0	136.760159	50.0	284267.0	2.735203	Y
6	STD200 460-940983/11	200.0	550.271662	50.0	311600.0	2.751358	Y
7	STD500 460-940983/12	500.0	1435.323362	50.0	331486.0	2.870647	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

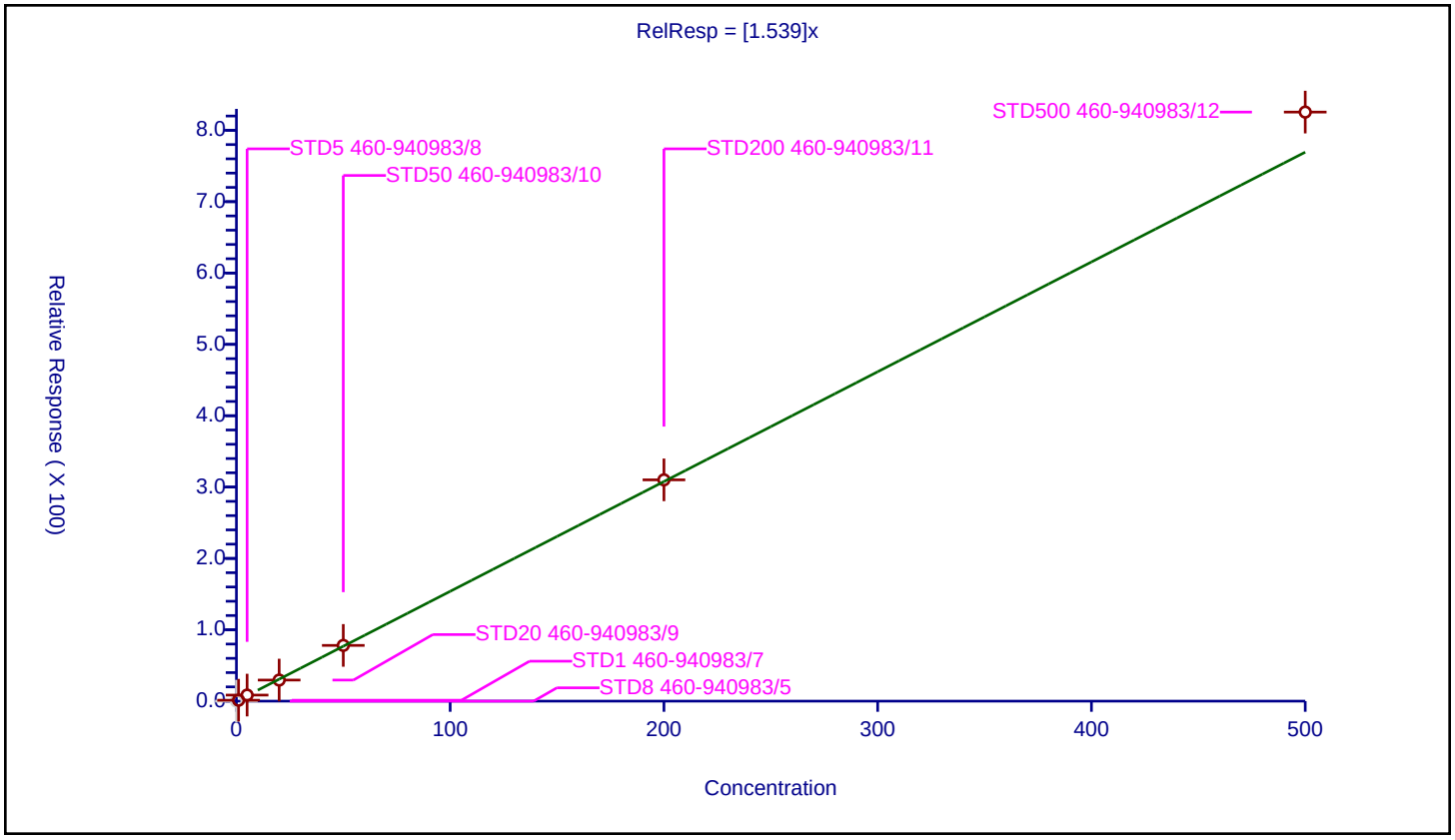
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.293336	50.0	258131.0	1.293336	Y
3	STD5 460-940983/8	5.0	8.491123	50.0	259259.0	1.698225	Y
4	STD20 460-940983/9	20.0	29.545845	50.0	267442.0	1.477292	Y
5	STD50 460-940983/10	50.0	78.096649	50.0	284267.0	1.561933	Y
6	STD200 460-940983/11	200.0	310.110719	50.0	311600.0	1.550554	Y
7	STD500 460-940983/12	500.0	825.50696	50.0	331486.0	1.651014	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

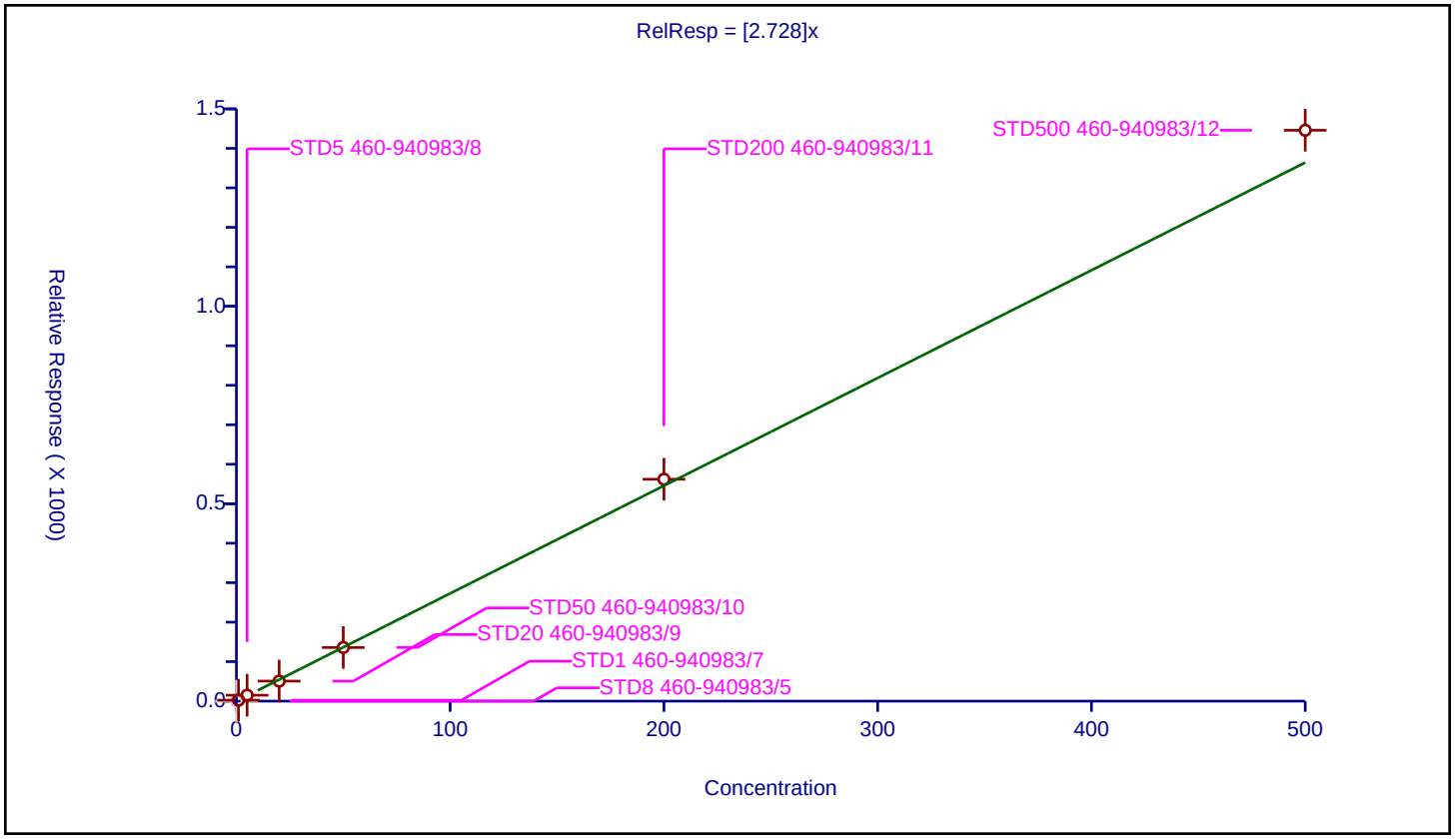
Curve Coefficients

Intercept:	0
Slope:	2.728

Error Coefficients

Standard Error:	4580000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.408661	50.0	258131.0	2.408661	Y
3	STD5 460-940983/8	5.0	15.023586	50.0	259259.0	3.004717	Y
4	STD20 460-940983/9	20.0	50.736795	50.0	267442.0	2.53684	Y
5	STD50 460-940983/10	50.0	135.849219	50.0	284267.0	2.716984	Y
6	STD200 460-940983/11	200.0	562.024872	50.0	311600.0	2.810124	Y
7	STD500 460-940983/12	500.0	1445.840397	50.0	331486.0	2.891681	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

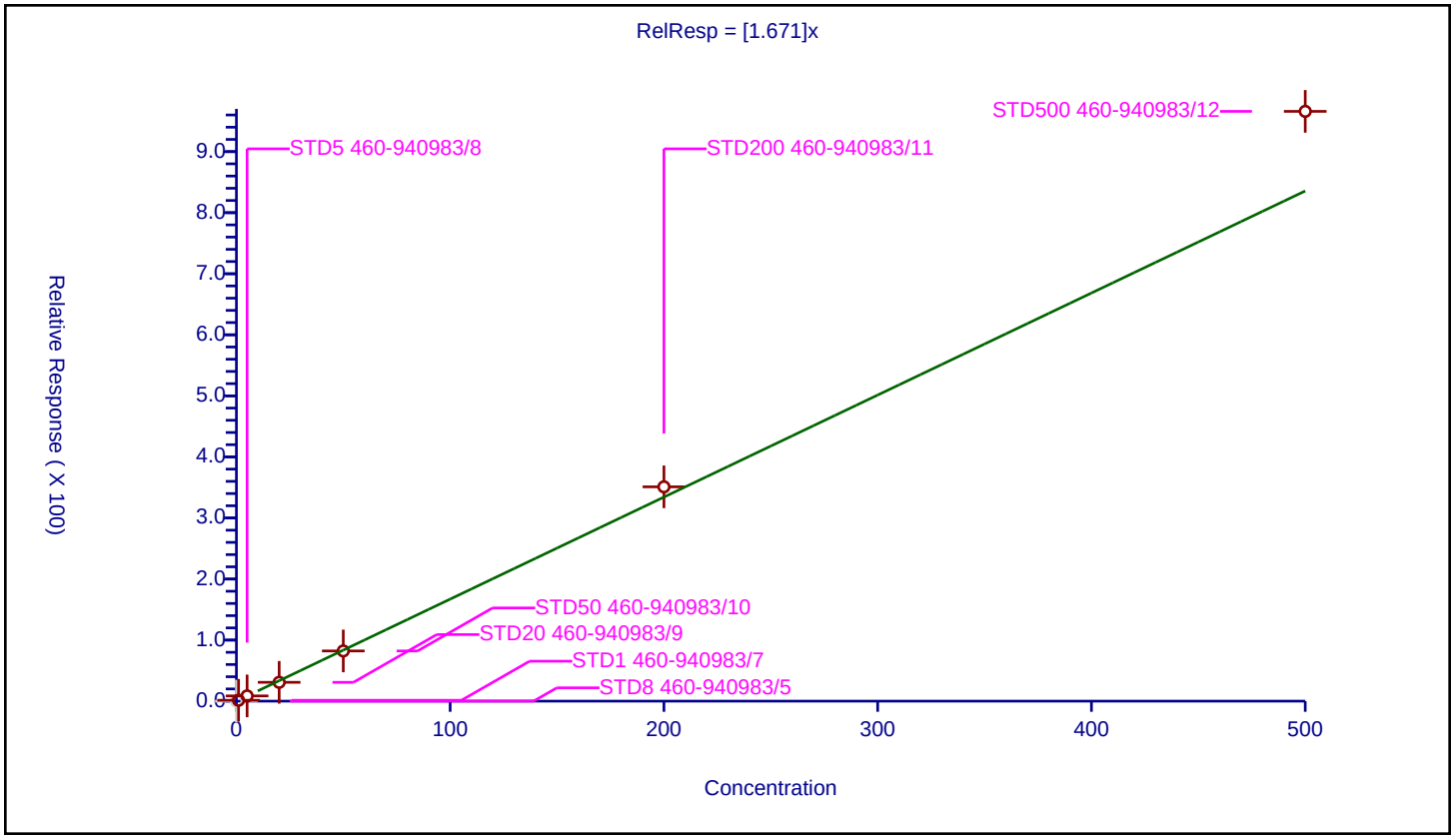
Curve Coefficients

Intercept:	0
Slope:	1.671

Error Coefficients

Standard Error:	3030000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.437642	50.0	258131.0	1.437642	Y
3	STD5 460-940983/8	5.0	8.581187	50.0	259259.0	1.716237	Y
4	STD20 460-940983/9	20.0	30.835845	50.0	267442.0	1.541792	Y
5	STD50 460-940983/10	50.0	82.206693	50.0	284267.0	1.644134	Y
6	STD200 460-940983/11	200.0	350.983954	50.0	311600.0	1.75492	Y
7	STD500 460-940983/12	500.0	965.935665	50.0	331486.0	1.931871	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

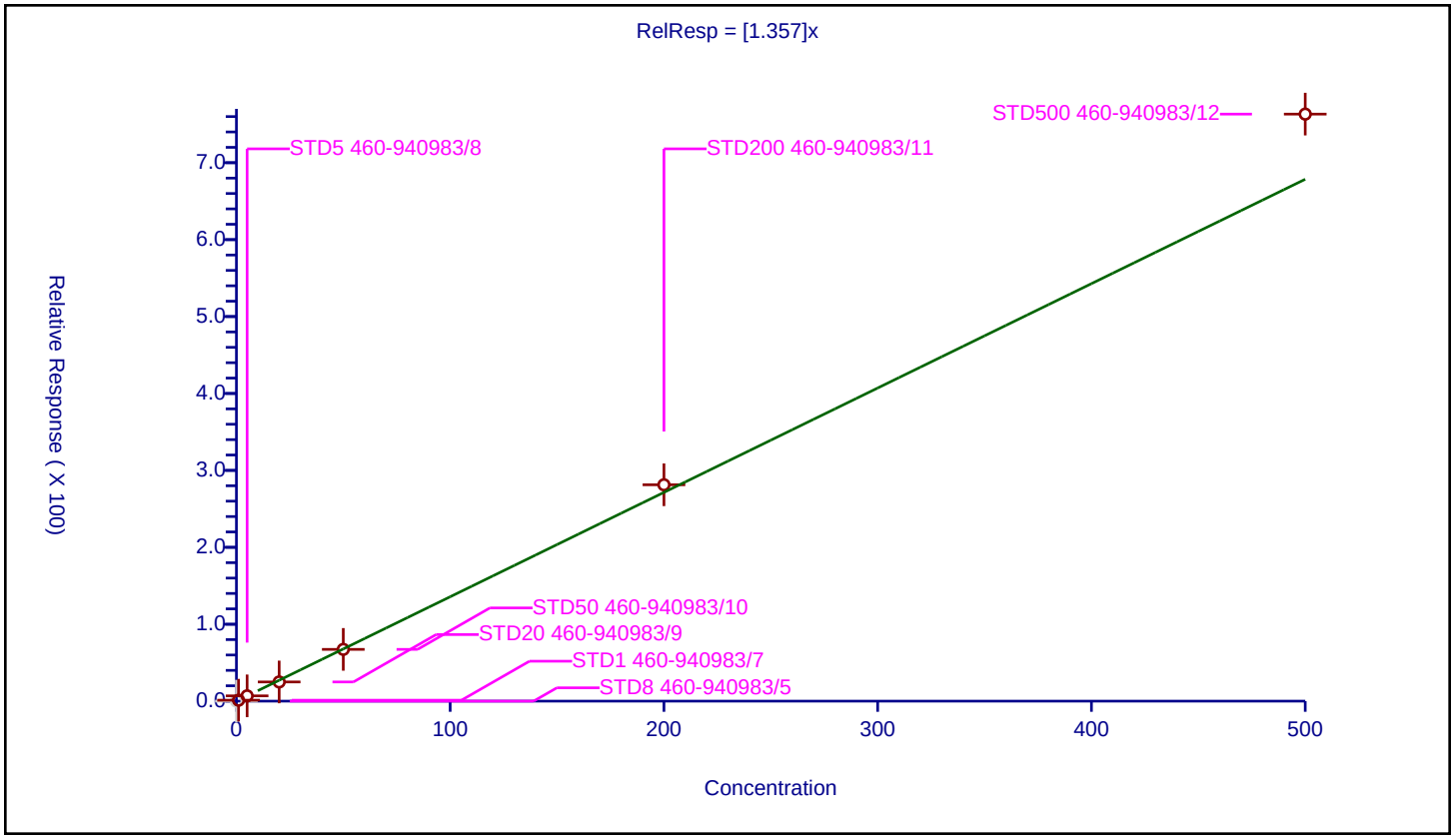
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.2391	50.0	258131.0	1.2391	Y
3	STD5 460-940983/8	5.0	6.885393	50.0	259259.0	1.377079	Y
4	STD20 460-940983/9	20.0	24.942044	50.0	267442.0	1.247102	Y
5	STD50 460-940983/10	50.0	67.295184	50.0	284267.0	1.345904	Y
6	STD200 460-940983/11	200.0	281.314185	50.0	311600.0	1.406571	Y
7	STD500 460-940983/12	500.0	763.19739	50.0	331486.0	1.526395	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

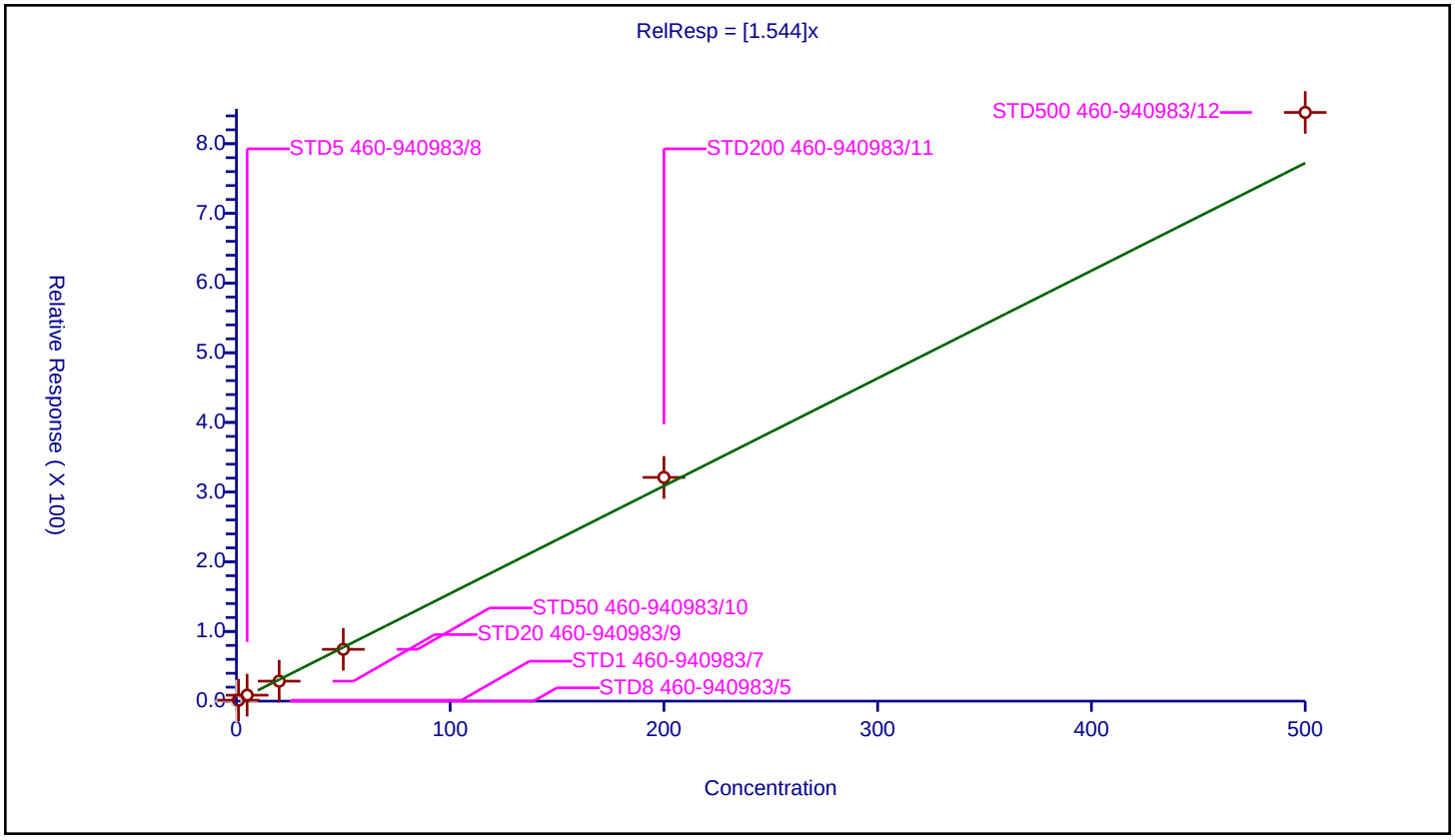
Curve Coefficients

Intercept:	0
Slope:	1.544

Error Coefficients

Standard Error:	2670000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.340405	50.0	258131.0	1.340405	Y
3	STD5 460-940983/8	5.0	8.546666	50.0	259259.0	1.709333	Y
4	STD20 460-940983/9	20.0	28.683042	50.0	267442.0	1.434152	Y
5	STD50 460-940983/10	50.0	74.37972	50.0	284267.0	1.487594	Y
6	STD200 460-940983/11	200.0	321.122754	50.0	311600.0	1.605614	Y
7	STD500 460-940983/12	500.0	844.932667	50.0	331486.0	1.689865	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

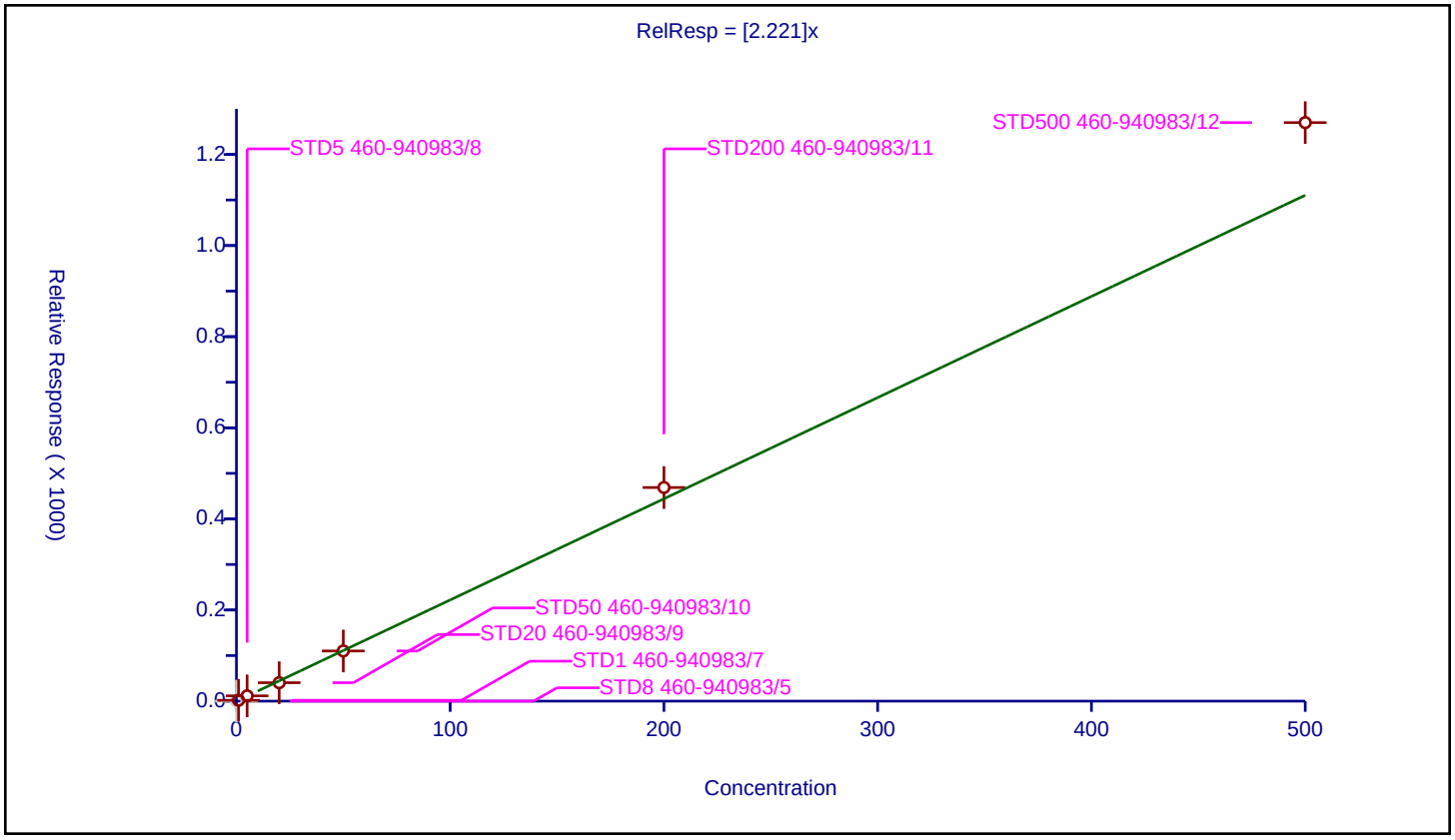
Curve Coefficients

Intercept:	0
Slope:	2.221

Error Coefficients

Standard Error:	4000000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.887801	50.0	258131.0	1.887801	Y
3	STD5 460-940983/8	5.0	11.633154	50.0	259259.0	2.326631	Y
4	STD20 460-940983/9	20.0	40.480927	50.0	267442.0	2.024046	Y
5	STD50 460-940983/10	50.0	110.135014	50.0	284267.0	2.2027	Y
6	STD200 460-940983/11	200.0	468.921374	50.0	311600.0	2.344607	Y
7	STD500 460-940983/12	500.0	1269.914265	50.0	331486.0	2.539829	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

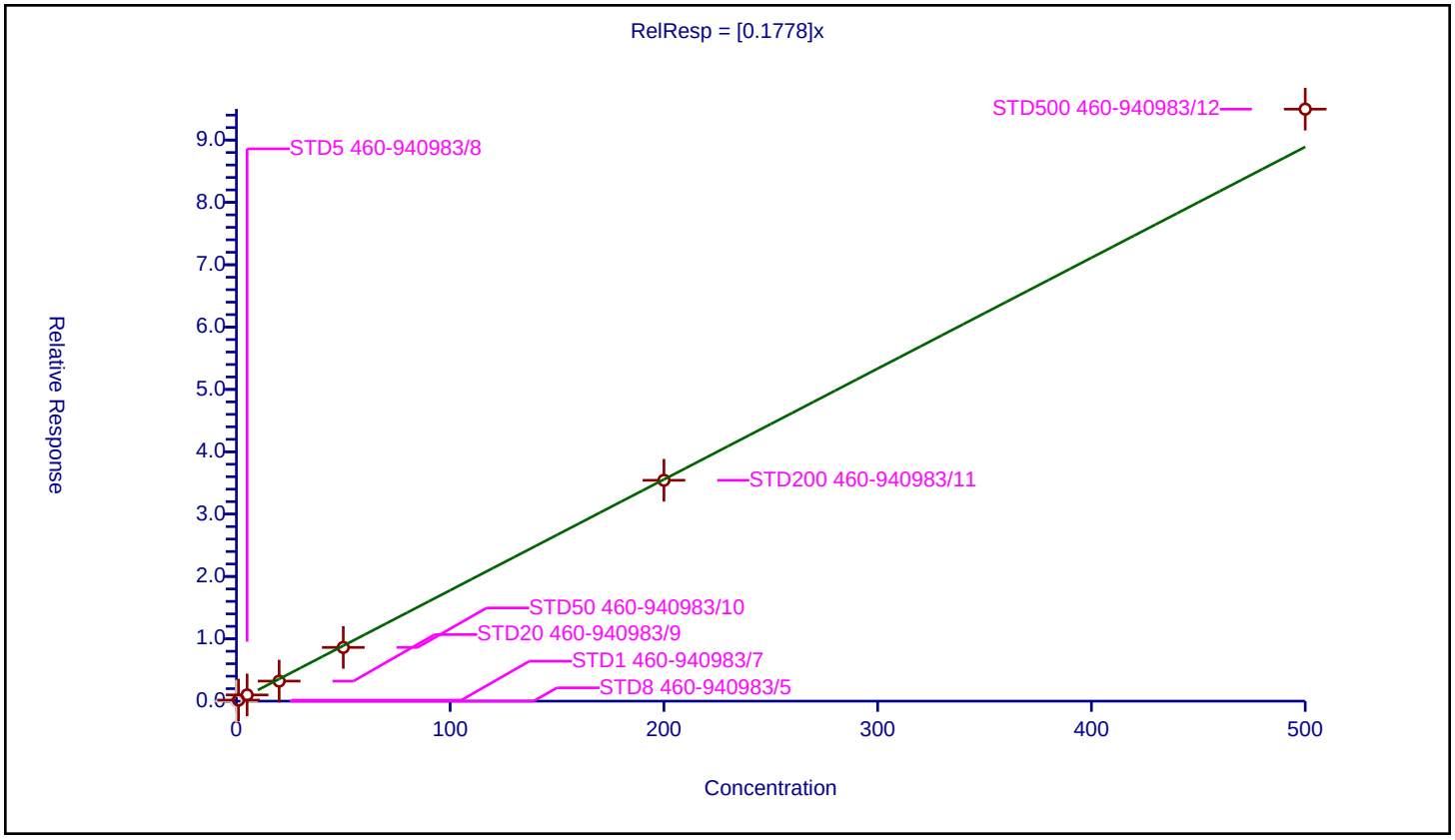
Curve Coefficients

Intercept:	0
Slope:	0.1778

Error Coefficients

Standard Error:	299000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.166969	50.0	258131.0	0.166969	Y
3	STD5 460-940983/8	5.0	0.999387	50.0	259259.0	0.199877	Y
4	STD20 460-940983/9	20.0	3.21322	50.0	267442.0	0.160661	Y
5	STD50 460-940983/10	50.0	8.613205	50.0	284267.0	0.172264	Y
6	STD200 460-940983/11	200.0	35.427632	50.0	311600.0	0.177138	Y
7	STD500 460-940983/12	500.0	94.95665	50.0	331486.0	0.189913	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

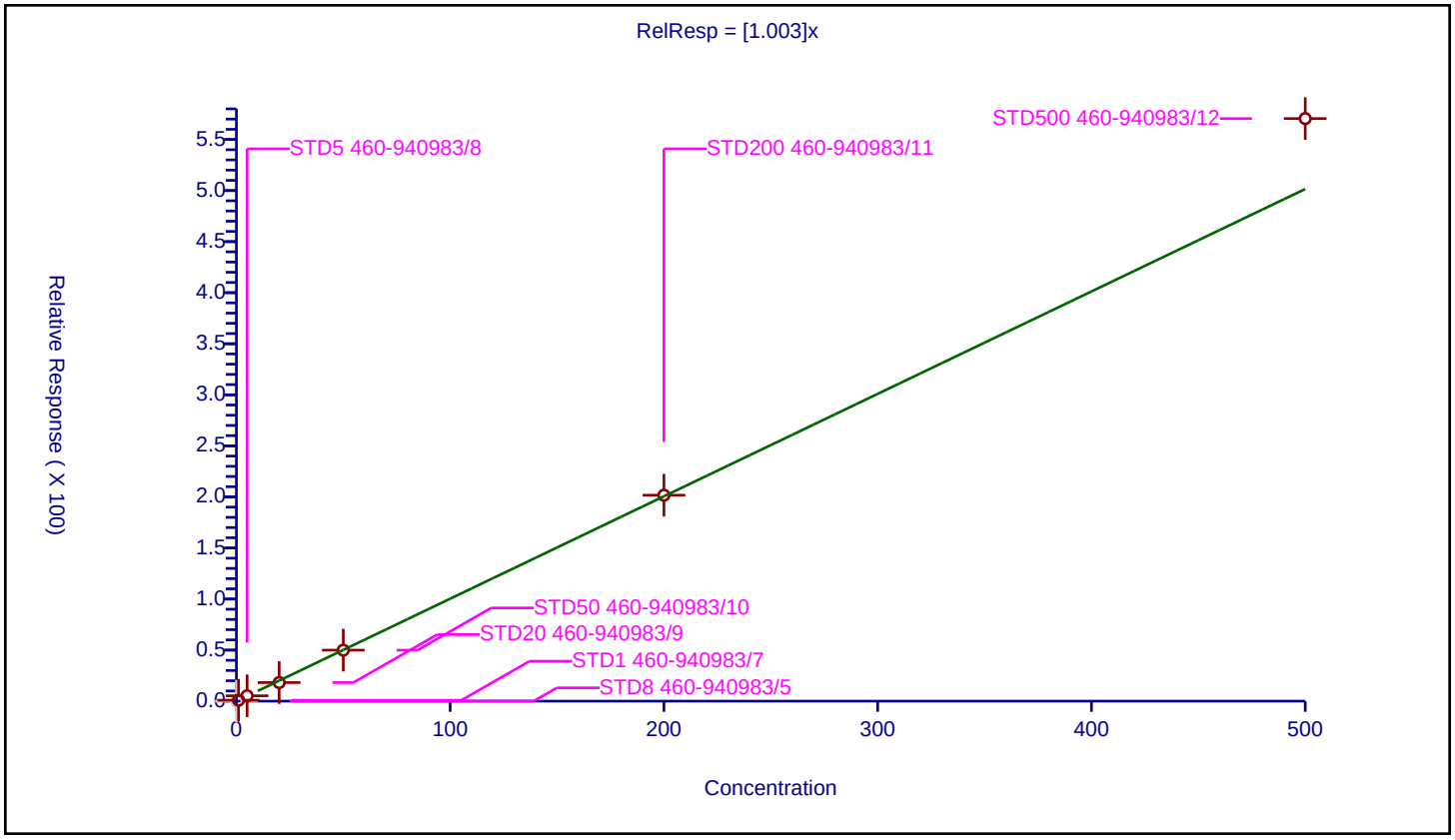
Curve Coefficients

Intercept:	0
Slope:	1.003

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.910003	50.0	258131.0	0.910003	Y
3	STD5 460-940983/8	5.0	5.25382	50.0	259259.0	1.050764	Y
4	STD20 460-940983/9	20.0	18.185438	50.0	267442.0	0.909272	Y
5	STD50 460-940983/10	50.0	49.927533	50.0	284267.0	0.998551	Y
6	STD200 460-940983/11	200.0	201.682766	50.0	311600.0	1.008414	Y
7	STD500 460-940983/12	500.0	570.494229	50.0	331486.0	1.140988	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

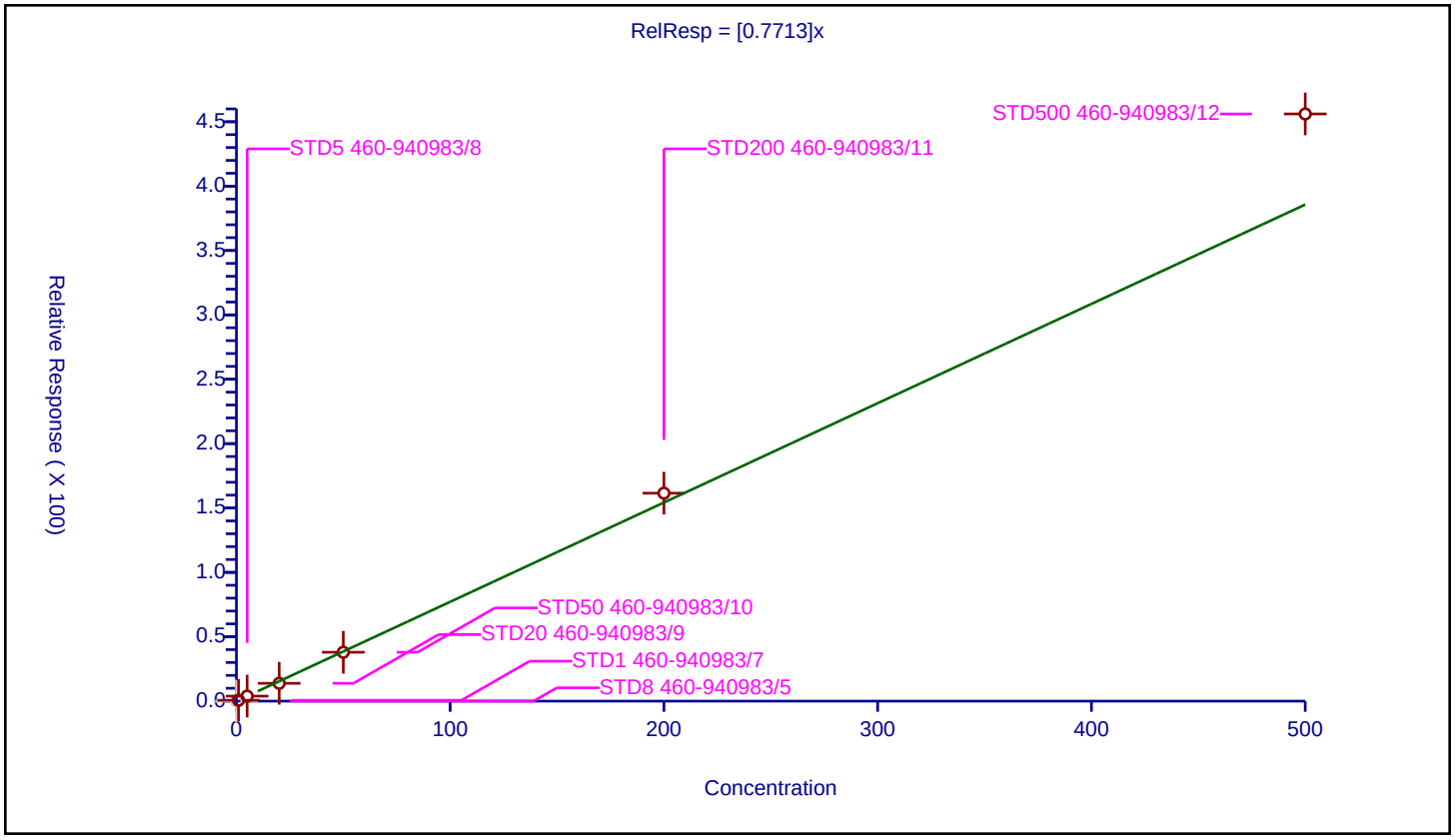
Curve Coefficients

Intercept:	0
Slope:	0.7713

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	11.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.676594	50.0	258131.0	0.676594	Y
3	STD5 460-940983/8	5.0	3.897261	50.0	259259.0	0.779452	Y
4	STD20 460-940983/9	20.0	13.855528	50.0	267442.0	0.692776	Y
5	STD50 460-940983/10	50.0	37.972047	50.0	284267.0	0.759441	Y
6	STD200 460-940983/11	200.0	161.531611	50.0	311600.0	0.807658	Y
7	STD500 460-940983/12	500.0	456.078537	50.0	331486.0	0.912157	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

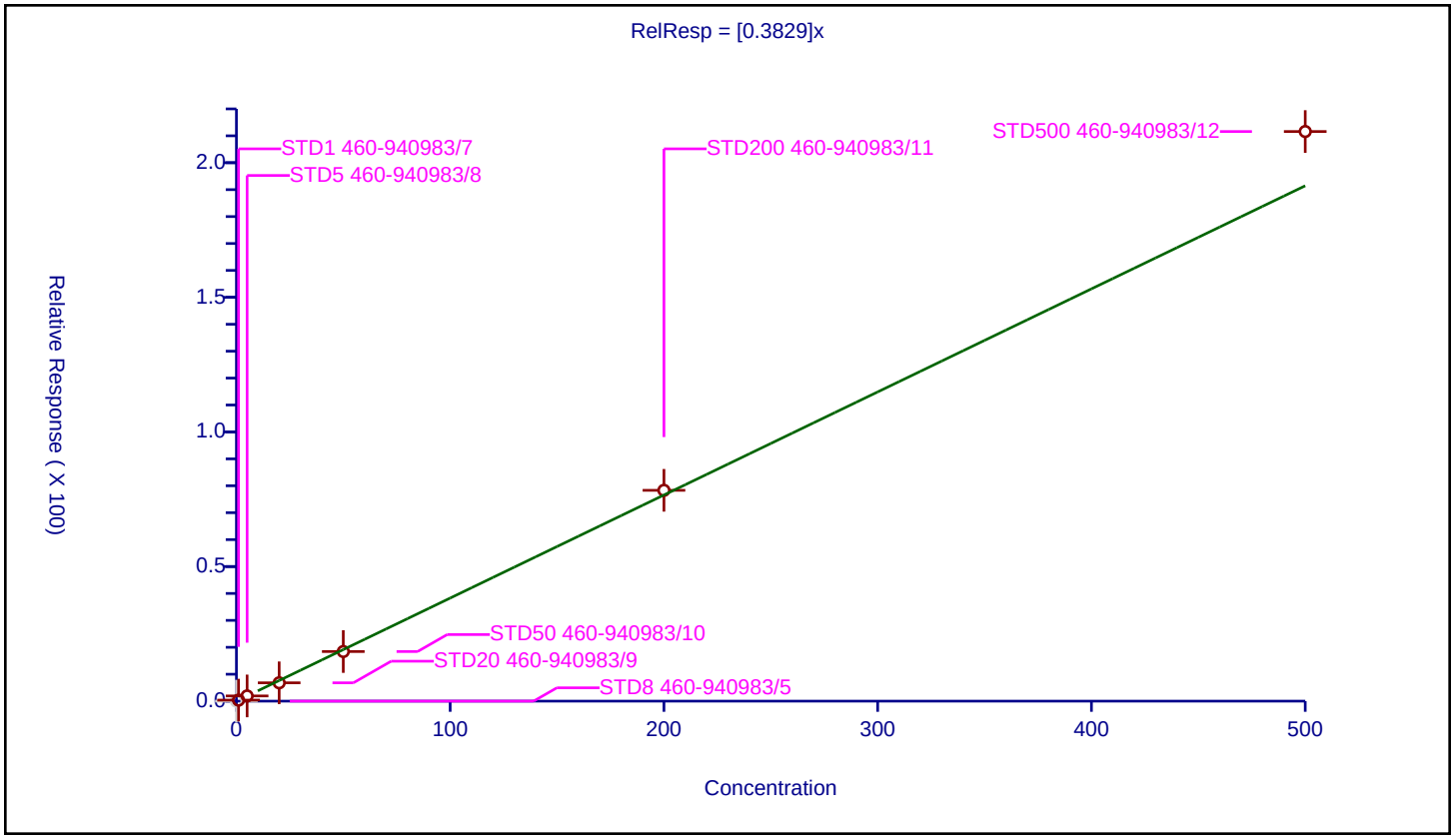
Curve Coefficients

Intercept:	0
Slope:	0.3829

Error Coefficients

Standard Error:	666000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.385657	50.0	258131.0	0.385657	Y
3	STD5 460-940983/8	5.0	1.938023	50.0	259259.0	0.387605	Y
4	STD20 460-940983/9	20.0	6.81157	50.0	267442.0	0.340579	Y
5	STD50 460-940983/10	50.0	18.431088	50.0	284267.0	0.368622	Y
6	STD200 460-940983/11	200.0	78.310655	50.0	311600.0	0.391553	Y
7	STD500 460-940983/12	500.0	211.593551	50.0	331486.0	0.423187	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

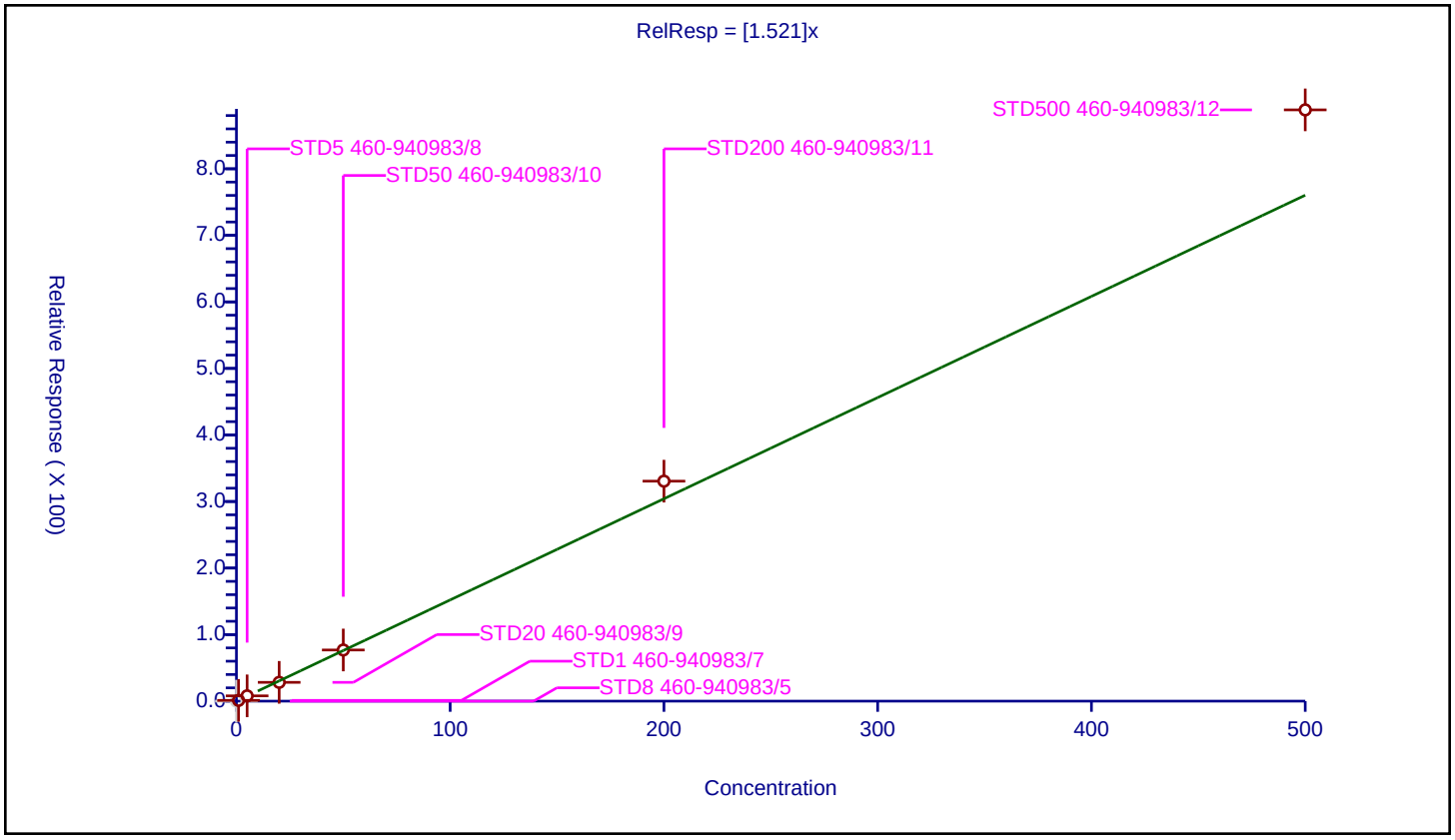
Curve Coefficients

Intercept:	0
Slope:	1.521

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.152516	50.0	258131.0	1.152516	Y
3	STD5 460-940983/8	5.0	7.955751	50.0	259259.0	1.59115	Y
4	STD20 460-940983/9	20.0	28.253229	50.0	267442.0	1.412661	Y
5	STD50 460-940983/10	50.0	76.855034	50.0	284267.0	1.537101	Y
6	STD200 460-940983/11	200.0	330.594994	50.0	311600.0	1.652975	Y
7	STD500 460-940983/12	500.0	888.499514	50.0	331486.0	1.776999	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

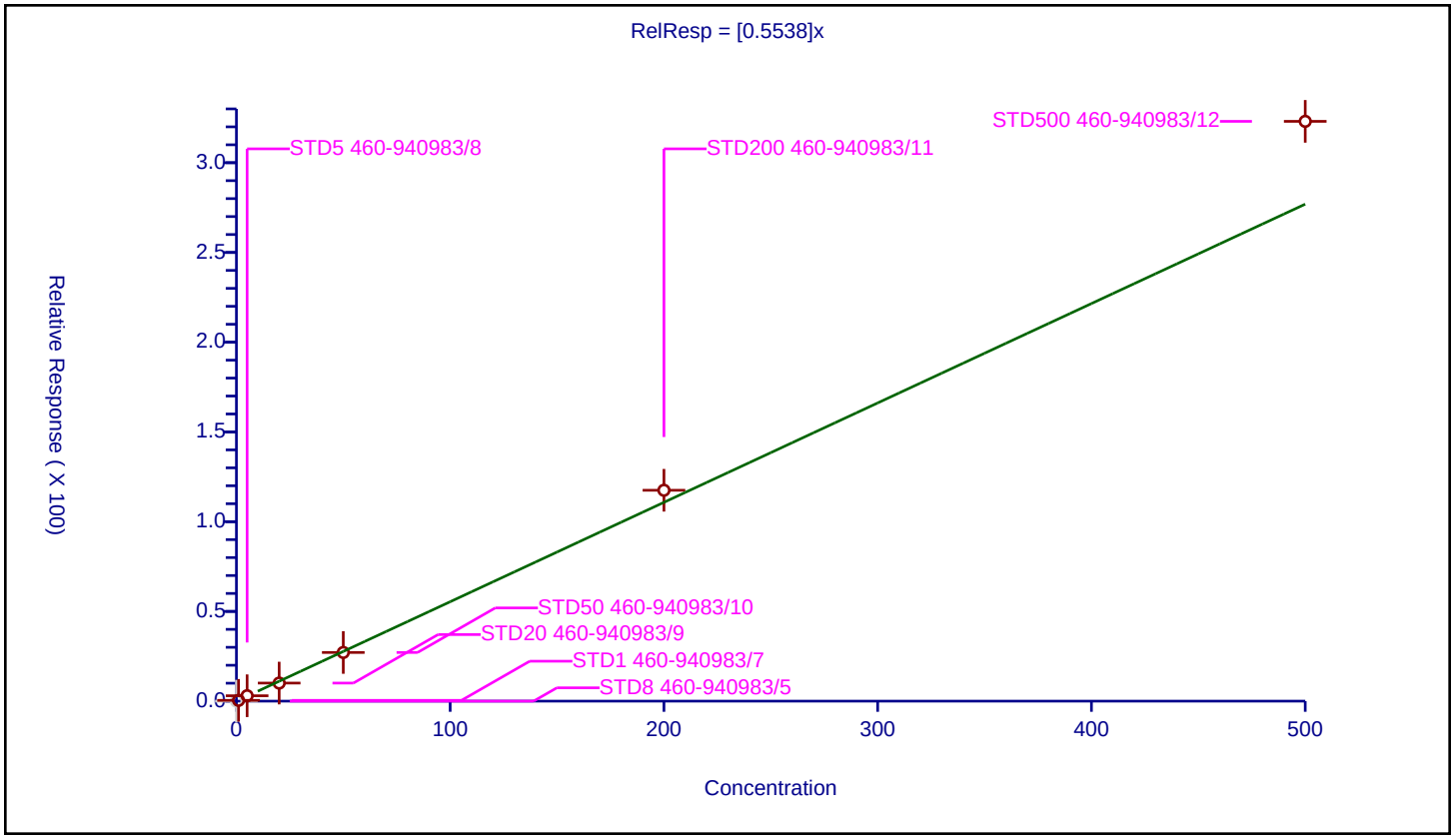
Curve Coefficients

Intercept:	0
Slope:	0.5538

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	13.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.442992	50.0	258131.0	0.442992	Y
3	STD5 460-940983/8	5.0	3.003367	50.0	259259.0	0.600673	Y
4	STD20 460-940983/9	20.0	10.06536	50.0	267442.0	0.503268	Y
5	STD50 460-940983/10	50.0	27.126434	50.0	284267.0	0.542529	Y
6	STD200 460-940983/11	200.0	117.499037	50.0	311600.0	0.587495	Y
7	STD500 460-940983/12	500.0	323.05301	50.0	331486.0	0.646106	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
Monochloropentafluoroethane	QuaF		0.0384		45.2	20.0	125.9*	30.0
Chlorotrifluoroethene	QuaF		0.1586		39.6	20.0	98.1*	30.0
1,1-Difluoroethane	Ave	0.1460	0.1808		24.8	20.0	23.8	30.0
Dichlorodifluoromethane	Ave	0.4102	0.5518	0.1000	26.9	20.0	34.5*	30.0
Chlorodifluoromethane	Ave	0.0579	0.0553		19.1	20.0	-4.6	30.0
Chloromethane	Ave	0.4003	0.4983	0.1000	24.9	20.0	24.5	30.0
Vinyl chloride	Ave	0.5068	0.6148	0.1000	24.3	20.0	21.3	30.0
Butadiene	Lin2		0.5436		23.8	20.0	19.1	30.0
Bromomethane	Ave	0.3164	0.3322	0.1000	21.0	20.0	5.0	30.0
Chloroethane	Ave	2.897	2.927	0.1000	20.2	20.0	1.0	30.0
Dichlorofluoromethane	Ave	0.6895	0.7381		21.4	20.0	7.0	30.0
Trichlorofluoromethane	Ave	0.5824	0.6859	0.1000	23.6	20.0	17.8	30.0
Pentane	Ave	0.0375	0.0317		33.8	40.0	-15.6	30.0
Ethanol	Ave	0.4211	0.3853		732	800	-8.5	30.0
Ethyl ether	Ave	0.2427	0.1995		16.4	20.0	-17.8	30.0
2-Methyl-1,3-butadiene	Ave	0.2203	0.2160		19.6	20.0	-1.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3220	0.3267		20.3	20.0	1.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5071	0.5354		21.1	20.0	5.6	30.0
Freon TF	Ave	0.3193	0.3039	0.1000	19.0	20.0	-4.8	30.0
Acrolein	Ave	0.0489	0.0452		36.5	39.5	-7.6	30.0
1,1-Dichloroethene	Ave	0.2765	0.2348	0.1000	17.0	20.0	-15.1	30.0
Acetone	Ave	0.8181	0.6847	0.0500	83.7	100	-16.3	30.0
Iodomethane	Lin2		0.2952		14.8	20.0	-25.9	30.0
Isopropyl alcohol	Ave	4.786	4.308		180	200	-10.0	30.0
Carbon disulfide	Ave	0.5973	0.3778	0.1000	12.6	20.0	-36.8*	30.0
3-Chloro-1-propene	Ave	0.1798	0.1608		17.9	20.0	-10.6	30.0
Methyl acetate	Ave	0.1833	0.1704	0.1000	37.2	40.0	-7.0	30.0
Cyclopentene	Ave	0.4842	0.4656		19.2	20.0	-3.8	30.0
Acetonitrile	Ave	0.3320	0.2827		170	200	-14.8	30.0
Methylene Chloride	Ave	0.3591	0.3060	0.1000	17.0	20.0	-14.8	30.0
2-Methyl-2-propanol	Ave	8.593	7.642		178	200	-11.1	30.0
MTBE	Ave	0.8211	0.7730	0.1000	18.8	20.0	-5.9	30.0
trans-1,2-Dichloroethene	Ave	0.3254	0.2671	0.1000	16.4	20.0	-17.9	30.0
Acrylonitrile	QuaF		0.0973		197	200	-1.7	30.0
Hexane	Ave	0.2508	0.1833		14.6	20.0	-26.9	30.0
Isopropyl ether	Ave	0.8491	0.8477		20.0	20.0	-0.2	30.0
1,1-Dichloroethane	Ave	0.5631	0.5316	0.2000	18.9	20.0	-5.6	30.0
Vinyl acetate	Ave	0.6395	0.6146		38.4	40.0	-3.9	30.0
2-Chloro-1,3-butadiene	Ave	0.2783	0.2818		20.3	20.0	1.3	30.0
Tert-butyl ethyl ether	Ave	0.7998	0.8106		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
2,2-Dichloropropane	Ave	0.1361	0.1200		17.6	20.0	-11.8	30.0
cis-1,2-Dichloroethene	Ave	0.4032	0.3469	0.1000	17.2	20.0	-14.0	30.0
2-Butanone	Ave	0.3787	0.3145	0.0500	83.1	100	-16.9	30.0
Ethyl acetate	Ave	0.3233	0.2902		35.9	40.0	-10.2	30.0
Methyl acrylate	Ave	0.2331	0.2230		19.1	20.0	-4.4	30.0
Propionitrile	Ave	0.0397	0.0379		191	200	-4.7	30.0
Chlorobromomethane	Ave	0.2066	0.1747		16.9	20.0	-15.5	30.0
Tetrahydrofuran	Lin2		0.3367		33.9	40.0	-15.2	30.0
Methacrylonitrile	Ave	0.1300	0.1196		184	200	-8.0	30.0
Chloroform	Ave	0.6314	0.5828	0.2000	18.5	20.0	-7.7	30.0
Cyclohexane	Ave	0.3948	0.3017	0.1000	15.3	20.0	-23.6	30.0
1,1,1-Trichloroethane	Ave	0.5235	0.4748	0.1000	18.1	20.0	-9.3	30.0
Carbon tetrachloride	Ave	0.4733	0.4164	0.1000	17.6	20.0	-12.0	30.0
1,1-Dichloropropene	Ave	0.4117	0.3586		17.4	20.0	-12.9	30.0
Isobutyl alcohol	Ave	4.467	3.736		418	500	-16.4	30.0
Isooctane	Ave	0.6320	0.6045		19.1	20.0	-4.3	30.0
Benzene	Ave	1.505	1.307	0.5000	17.4	20.0	-13.2	30.0
Isopropyl acetate	Ave	0.1495	0.1414		18.9	20.0	-5.4	30.0
Tert-amyl methyl ether	Ave	0.8376	0.8159		19.5	20.0	-2.6	30.0
1,2-Dichloroethane	Ave	0.3774	0.3418	0.1000	18.1	20.0	-9.4	30.0
n-Heptane	Ave	0.2041	0.1628		16.0	20.0	-20.2	30.0
n-Butanol	Ave	2.102	1.811		431	500	-13.9	30.0
Trichloroethene	Ave	0.3548	0.3080	0.2000	17.4	20.0	-13.2	30.0
Methylcyclohexane	Ave	0.4237	0.3292	0.1000	15.5	20.0	-22.3	30.0
Ethyl acrylate	Ave	0.5895	0.5458		18.5	20.0	-7.4	30.0
1,2-Dichloropropane	Ave	0.3343	0.3056	0.1000	18.3	20.0	-8.6	30.0
Methyl methacrylate	Ave	0.0820	0.0771		37.6	40.0	-6.0	30.0
1,4-Dioxane	Ave	1.392	1.282		368	400	-7.9	30.0
Dibromomethane	Ave	0.2339	0.2065		17.7	20.0	-11.7	30.0
n-Propyl acetate	Ave	0.3234	0.3186		19.7	20.0	-1.5	30.0
Bromodichloromethane	Ave	0.4727	0.4431	0.2000	18.7	20.0	-6.3	30.0
2-Nitropropane	Ave	0.0604	0.0652		43.1	40.0	7.8	30.0
2-Chloroethyl vinyl ether	Ave	0.0415	0.0379		18.3	20.0	-8.7	30.0
Epichlorohydrin	QuaF		0.2756		20.3	20.0	1.7	30.0
cis-1,3-Dichloropropene	Ave	0.6704	0.5855	0.2000	17.5	20.0	-12.7	30.0
4-Methyl-2-pentanone	Ave	2.300	2.131	0.0500	92.6	100	-7.4	30.0
Toluene	Ave	1.719	1.505	0.4000	17.5	20.0	-12.5	30.0
trans-1,3-Dichloropropene	Ave	0.5817	0.5704	0.1000	19.6	20.0	-1.9	30.0
Ethyl methacrylate	Ave	0.4154	0.4053		19.5	20.0	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.3185	0.3085	0.1000	19.4	20.0	-3.1	30.0
Tetrachloroethene	Ave	0.4918	0.4358	0.2000	17.7	20.0	-11.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
1,3-Dichloropropane	Ave	0.5862	0.5685		19.4	20.0	-3.0	30.0
2-Hexanone	Ave	1.607	1.458	0.0500	90.7	100	-9.3	30.0
n-Butyl acetate	Ave	0.4208	0.4463		21.2	20.0	6.1	30.0
Dibromochloromethane	Ave	0.4690	0.4603	0.1000	19.6	20.0	-1.9	30.0
1,2-Dibromoethane	Ave	0.3917	0.3654	0.1000	18.7	20.0	-6.7	30.0
Chlorobenzene	Ave	1.180	1.094	0.5000	18.5	20.0	-7.3	30.0
Ethylbenzene	Ave	0.6321	0.5557	0.1000	17.6	20.0	-12.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4711	0.4360		18.5	20.0	-7.4	30.0
m-Xylene & p-Xylene	Ave	0.7412	0.6748	0.1000	18.2	20.0	-9.0	30.0
o-Xylene	Ave	0.7488	0.6552	0.3000	17.5	20.0	-12.5	30.0
n-Butyl acrylate	Ave	0.2773	0.2662		19.2	20.0	-4.0	30.0
Styrene	Ave	1.232	1.138	0.3000	18.5	20.0	-7.6	30.0
Bromoform	Ave	0.3291	0.3170	0.1000	19.3	20.0	-3.7	30.0
Amyl acetate (mixed isomers)	Ave	0.8688	0.9235		21.3	20.0	6.3	30.0
Isopropylbenzene	Ave	1.817	1.735	0.1000	19.1	20.0	-4.5	30.0
Bromobenzene	Ave	1.000	0.9174		18.4	20.0	-8.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8107	0.8134	0.3000	20.1	20.0	0.3	30.0
N-Propylbenzene	Ave	3.961	3.799		19.2	20.0	-4.1	30.0
1,2,3-Trichloropropane	Ave	0.2569	0.2484		19.3	20.0	-3.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1656	0.1804		21.8	20.0	8.9	30.0
2-Chlorotoluene	Ave	2.603	2.488		19.1	20.0	-4.4	30.0
4-Ethyltoluene	Ave	3.293	3.299		20.0	20.0	0.2	30.0
1,3,5-Trimethylbenzene	Ave	2.668	2.471		18.5	20.0	-7.4	30.0
4-Chlorotoluene	Ave	2.618	2.485		19.0	20.0	-5.1	30.0
Butyl Methacrylate	Ave	0.8619	0.8543		19.8	20.0	-0.9	30.0
tert-Butylbenzene	Ave	2.314	2.197		19.0	20.0	-5.0	30.0
1,2,4-Trimethylbenzene	Ave	2.797	2.525		18.1	20.0	-9.7	30.0
sec-Butylbenzene	Ave	3.264	3.156		19.3	20.0	-3.3	30.0
1,3-Dichlorobenzene	Ave	1.751	1.580	0.6000	18.0	20.0	-9.8	30.0
4-Isopropyltoluene	Ave	2.821	2.616		18.5	20.0	-7.3	30.0
1,4-Dichlorobenzene	Ave	1.758	1.612	0.5000	18.3	20.0	-8.3	30.0
1,2,3-Trimethylbenzene	Ave	2.753	2.678		19.5	20.0	-2.7	30.0
Benzyl chloride	Ave	1.539	1.584		20.6	20.0	3.0	30.0
Indan	Ave	2.728	2.660		19.5	20.0	-2.5	30.0
p-Diethylbenzene	Ave	1.671	1.655		19.8	20.0	-1.0	30.0
n-Butylbenzene	Ave	1.357	1.275		18.8	20.0	-6.1	30.0
1,2-Dichlorobenzene	Ave	1.544	1.417	0.4000	18.3	20.0	-8.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.221	2.170		19.5	20.0	-2.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1778	0.1612	0.0500	18.1	20.0	-9.4	30.0
1,3,5-Trichlorobenzene	Ave	1.003	0.9625		19.2	20.0	-4.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7713	0.7202	0.2000	18.7	20.0	-6.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
Hexachlorobutadiene	Ave	0.3829	0.3700		19.3	20.0	-3.4	30.0
Naphthalene	Ave	1.521	1.494		19.7	20.0	-1.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5538	0.5323		19.2	20.0	-3.9	30.0
Dibromofluoromethane (Surr)	Ave	0.3071	0.3098		50.4	50.0	0.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2695	0.2843		52.7	50.0	5.5	30.0
Toluene-d8 (Surr)	Ave	1.249	1.292		51.7	50.0	3.4	30.0
Bromofluorobenzene	Ave	0.4469	0.4577		51.2	50.0	2.4	30.0

Eurofins Environment Testing
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Oct-2023 18:15:59 ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS/ICV
Misc. Info.: 460-0167990-020
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 13:37:33 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1656

First Level Reviewer: RD6L Date: 28-Oct-2023 13:36:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	94	10551	20.0	45.2	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	94	43542	20.0	39.6	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	95	49635	20.0	24.8	
4 Dichlorodifluoromethane	85	1.454	1.449	0.005	100	151510	20.0	26.9	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15181	20.0	19.1	
6 Chloromethane	50	1.627	1.632	-0.005	100	136827	20.0	24.9	
7 Vinyl chloride	62	1.721	1.722	-0.001	98	168815	20.0	24.3	
8 Butadiene	54	1.748	1.748	0.000	93	149262	20.0	23.8	
9 Bromomethane	94	2.020	2.010	0.010	98	91208	20.0	21.0	
10 Chloroethane	64	2.109	2.104	0.005	96	80131	20.0	20.2	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	202662	20.0	21.4	
12 Trichlorofluoromethane	101	2.303	2.298	0.005	98	188328	20.0	23.6	
13 Pentane	72	2.351	2.351	0.000	94	17395	40.0	33.8	
14 Ethanol	46	2.508	2.513	-0.005	99	14811	800.0	732.0	
15 Ethyl ether	59	2.560	2.555	0.005	93	54774	20.0	16.4	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	95	59312	20.0	19.6	a
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	91	89694	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	89	147022	20.0	21.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	83456	20.0	19.0	
19 Acrolein	56	2.739	2.734	0.005	56	24490	39.5	36.5	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	96	64461	20.0	17.0	
22 Acetone	43	2.864	2.870	-0.006	86	93723	100.0	83.7	
23 Iodomethane	142	2.933	2.933	0.000	98	81060	20.0	14.8	
24 Carbon disulfide	76	2.964	2.964	0.000	99	103725	20.0	12.6	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	53	41395	200.0	180.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	86	44166	20.0	17.9	
28 Methyl acetate	43	3.132	3.127	0.005	85	93596	40.0	37.2	
29 Cyclopentene	67	3.137	3.132	0.005	94	127838	20.0	19.2	
26 Acetonitrile	41	3.184	3.190	-0.006	99	77406	200.0	170.3	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	97	48047	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	3.252	3.253	-0.001	80	84019	20.0	17.0	
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	73439	200.0	177.9	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	96	212254	20.0	18.8	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	82	73328	20.0	16.4	
33 Acrylonitrile	53	3.541	3.541	0.000	93	267303	200.0	196.5	
36 Hexane	57	3.630	3.630	0.000	90	50319	20.0	14.6	
40 Isopropyl ether	45	3.866	3.866	0.000	95	232773	20.0	20.0	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	145972	20.0	18.9	
38 Vinyl acetate	86	3.924	3.918	0.006	99	33655	40.0	38.4	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	85	77377	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	90	222580	20.0	20.3	
* 42 2-Butanone-d5	46	4.443	4.448	-0.005	89	342218	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	68	32963	20.0	17.6	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	96	95242	20.0	17.2	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	43050	100.0	83.1	
47 Ethyl acetate	70	4.521	4.516	0.005	97	15889	40.0	35.9	
48 Methyl acrylate	55	4.574	4.574	0.000	100	61225	20.0	19.1	
46 Propionitrile	54	4.658	4.658	0.000	98	103961	200.0	190.5	
49 Chlorobromomethane	128	4.741	4.742	-0.001	77	47962	20.0	16.9	
51 Tetrahydrofuran	72	4.741	4.742	-0.001	75	18434	40.0	33.9	
50 Methacrylonitrile	67	4.773	4.773	0.000	88	328493	200.0	184.0	
52 Chloroform	83	4.804	4.805	-0.001	99	160037	20.0	18.5	
55 Cyclohexane	84	4.946	4.946	0.000	89	82833	20.0	15.3	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	95	130369	20.0	18.1	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	212687	50.0	50.4	
56 Carbon tetrachloride	117	5.098	5.098	0.000	99	114331	20.0	17.6	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	96	98474	20.0	17.4	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	95	89752	500.0	418.1	
62 Isooctane	57	5.334	5.334	0.000	99	165997	20.0	19.1	a
60 Benzene	78	5.365	5.366	-0.001	97	291914	20.0	17.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	88	195178	50.0	52.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	82	224029	20.0	19.5	
63 Isopropyl acetate	61	5.449	5.449	0.000	86	38826	20.0	18.9	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	93858	20.0	18.1	
66 n-Heptane	43	5.554	5.554	0.000	90	44709	20.0	16.0	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	686458	50.0	50.0	
68 n-Butanol	56	6.073	6.079	-0.006	81	43497	500.0	430.7	
67 Trichloroethene	95	6.115	6.115	0.000	93	84577	20.0	17.4	
70 Methylcyclohexane	83	6.257	6.262	-0.005	91	90387	20.0	15.5	a
69 Ethyl acrylate	55	6.272	6.273	-0.001	97	149873	20.0	18.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	92	83923	20.0	18.3	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35139	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	81	42344	40.0	37.6	
74 1,4-Dioxane	88	6.603	6.598	0.005	41	18014	400.0	368.2	
72 Dibromomethane	93	6.608	6.608	0.000	93	56704	20.0	17.7	
76 n-Propyl acetate	43	6.634	6.634	0.000	98	87490	20.0	19.7	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	121666	20.0	18.7	
78 2-Nitropropane	41	7.200	7.201	-0.001	88	35781	40.0	43.1	
79 2-Chloroethyl vinyl ether	106	7.211	7.216	-0.005	80	10406	20.0	18.3	
80 Epichlorohydrin	57	7.332	7.326	0.006	97	7545	20.0	20.3	
81 cis-1,3-Dichloropropene	75	7.394	7.395	-0.001	89	130784	20.0	17.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	291663	100.0	92.6	

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	7.683	7.683	0.000	99	721353	50.0	51.7	
84 Toluene	91	7.777	7.772	0.005	92	336107	20.0	17.5	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	127400	20.0	19.6	
86 Ethyl methacrylate	69	8.260	8.255	0.006	85	90542	20.0	19.5	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	93	68913	20.0	19.4	
88 Tetrachloroethene	166	8.501	8.501	0.000	98	97334	20.0	17.7	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	89	126984	20.0	19.4	
90 2-Hexanone	43	8.810	8.805	0.005	94	199578	100.0	90.7	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	99689	20.0	21.2	
91 Chlorodibromomethane	129	8.988	8.989	-0.001	97	102826	20.0	19.6	
92 Ethylene Dibromide	107	9.167	9.167	0.000	97	81615	20.0	18.7	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	84	558425	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	244432	20.0	18.5	
97 Ethylbenzene	106	10.021	10.021	0.000	98	124125	20.0	17.6	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	51	97397	20.0	18.5	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	91	150736	20.0	18.2	
99 o-Xylene	106	10.860	10.855	0.005	94	146363	20.0	17.5	
101 n-Butyl acrylate	73	10.871	10.871	0.000	77	59454	20.0	19.2	
100 Styrene	104	10.907	10.908	-0.001	96	254199	20.0	18.5	
102 Bromoform	173	11.222	11.222	0.000	96	70816	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	110867	20.0	21.3	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	387561	20.0	19.1	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	255566	50.0	51.2	
106 Bromobenzene	156	11.877	11.877	0.000	89	110139	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	97654	20.0	20.1	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	456056	20.0	19.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	29818	20.0	19.3	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	96	21656	20.0	21.8	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	298658	20.0	19.1	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	396018	20.0	20.0	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	94	296688	20.0	18.5	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	298378	20.0	19.0	
115 Butyl Methacrylate	87	12.391	12.391	0.000	85	102563	20.0	19.8	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	263797	20.0	19.0	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	97	303109	20.0	18.1	
118 sec-Butylbenzene	105	12.853	12.847	0.006	99	378832	20.0	19.3	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	189690	20.0	18.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	314074	20.0	18.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	300123	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	193565	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	98	321510	20.0	19.5	
124 Benzyl chloride	91	13.262	13.262	0.000	99	190189	20.0	20.6	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	319370	20.0	19.5	
127 p-Diethylbenzene	119	13.408	13.408	0.000	93	198656	20.0	19.8	
128 n-Butylbenzene	92	13.429	13.429	0.000	98	153021	20.0	18.8	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	97	170063	20.0	18.3	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	260482	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	19348	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	115553	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	86464	20.0	18.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	79	44420	20.0	19.3	
134 Naphthalene	128	15.091	15.092	-0.001	99	179373	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	96	63898	20.0	19.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.6	
S 137 Xylenes, Total	100				0		40.0	35.7	
S 140 Total BTEX	1				0		100.0	88.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GAS C SP_00538	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00158	Amount Added: 4.00	Units: uL		
7 Freons SS_00007	Amount Added: 20.00	Units: uL		
EthhexAcr_SS_00004	Amount Added: 20.00	Units: uL		
8260 SP_00171	Amount Added: 20.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 29-Oct-2023 09:39:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Environment Testing

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d

Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15

Lims ID: ICV

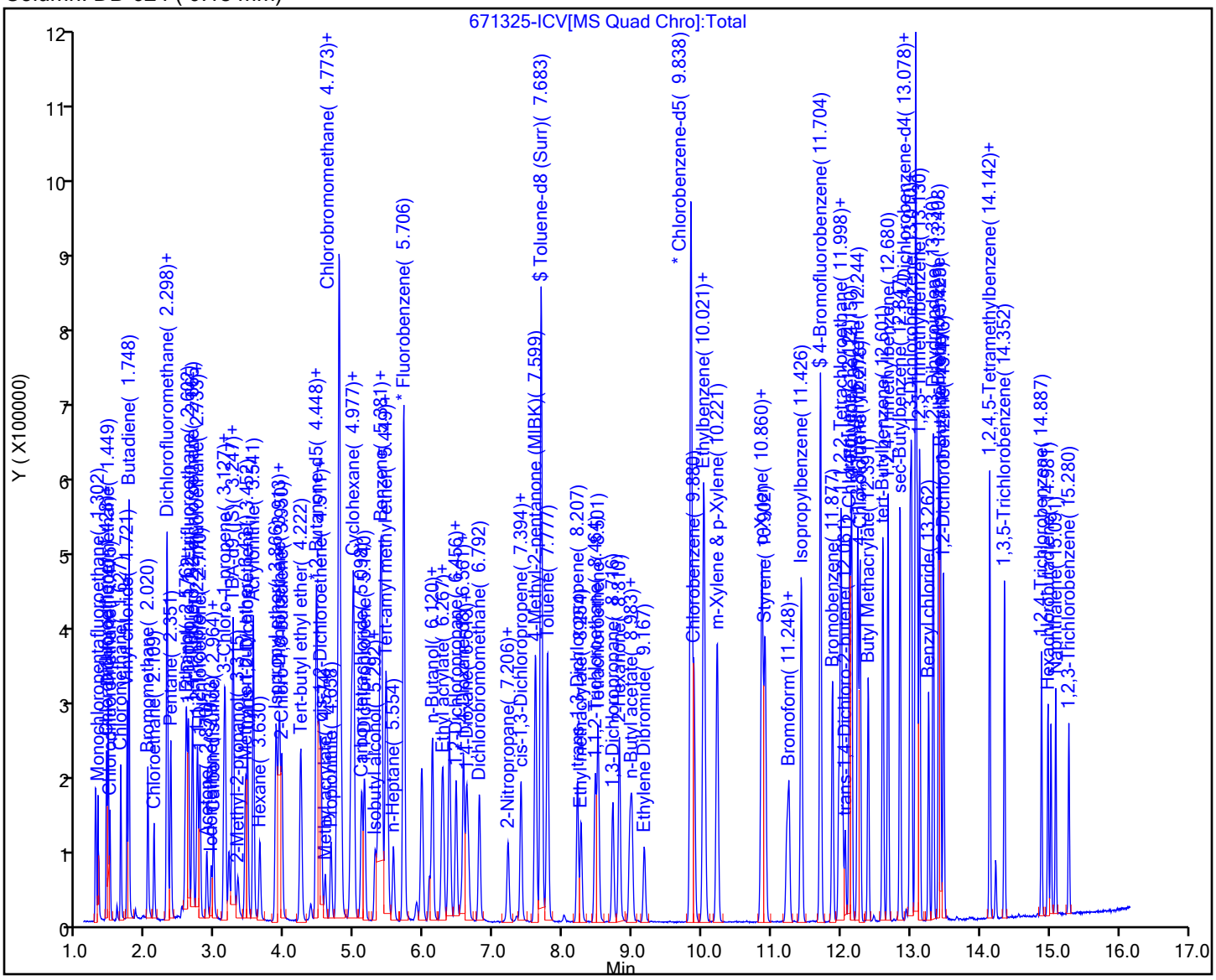
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Environment Testing

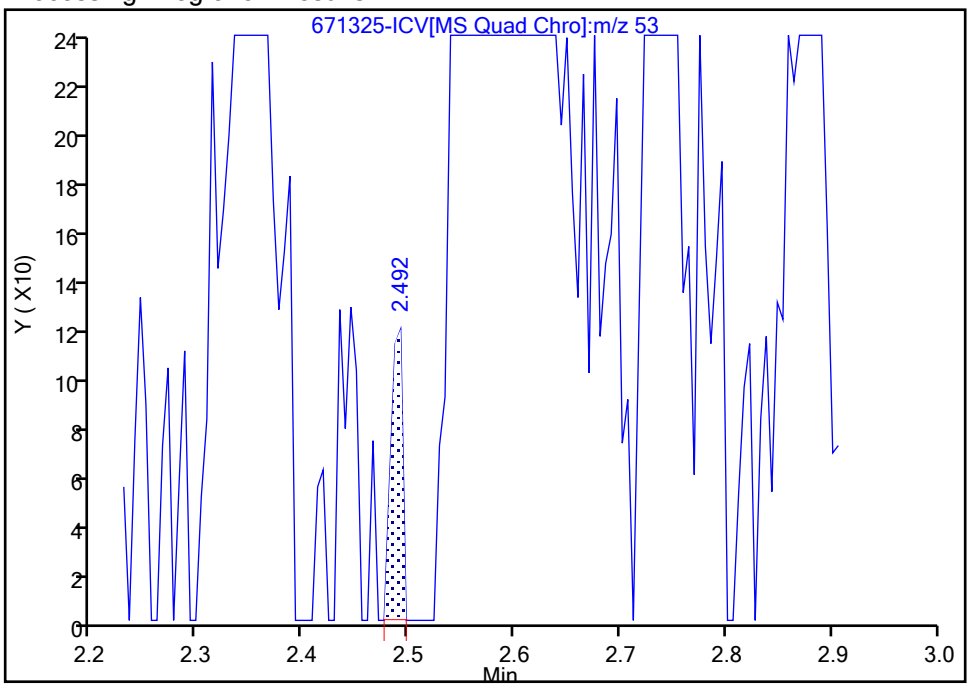
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

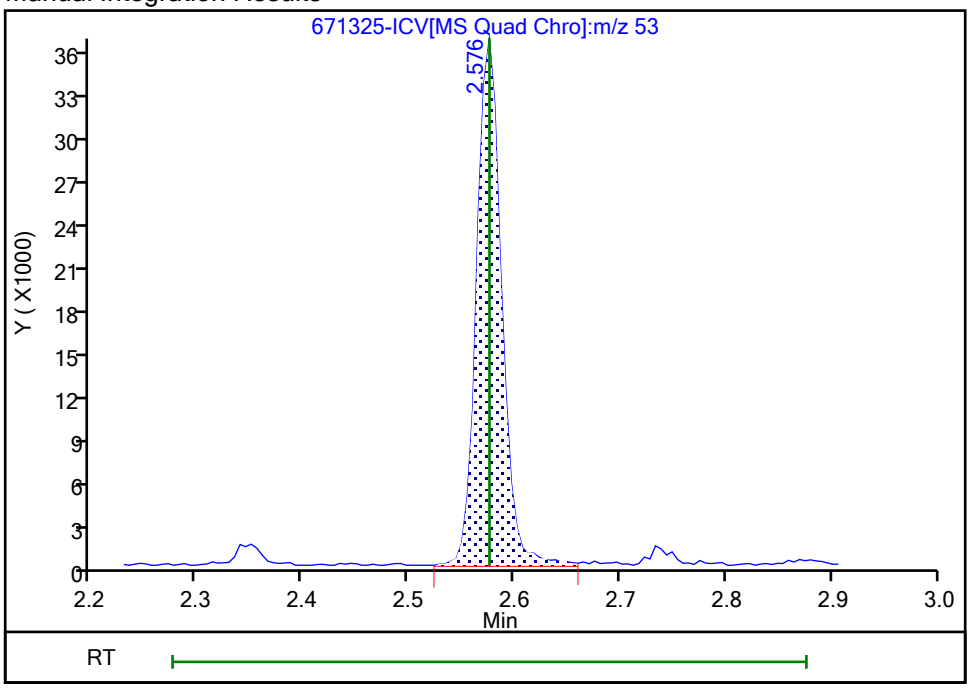
Processing Integration Results

RT: 2.49
Area: 92
Amount: 0.029368
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 59312
Amount: 19.612505
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:17:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

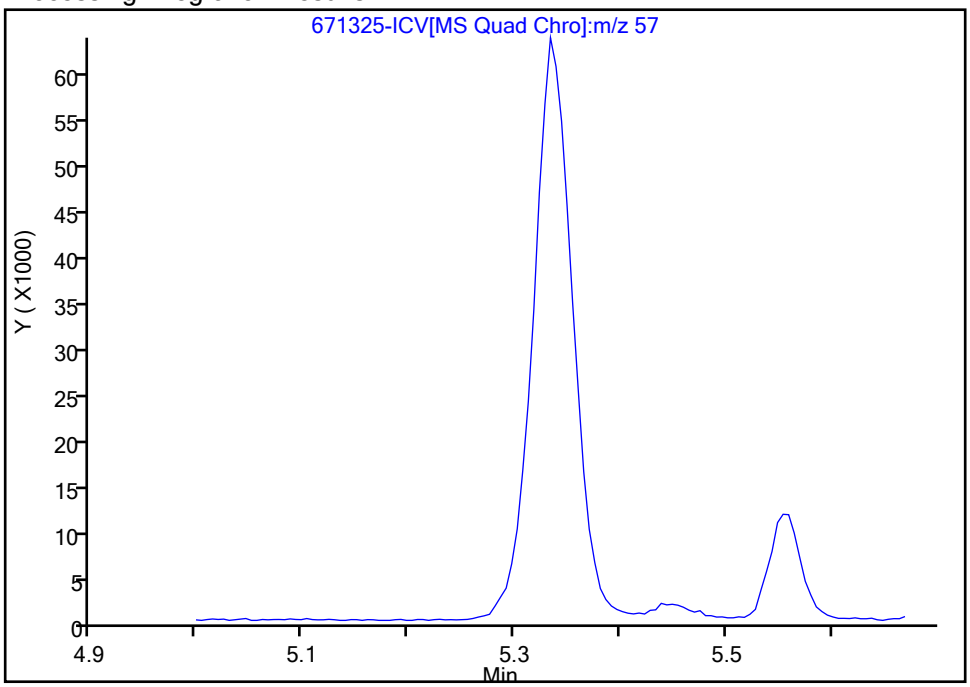
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

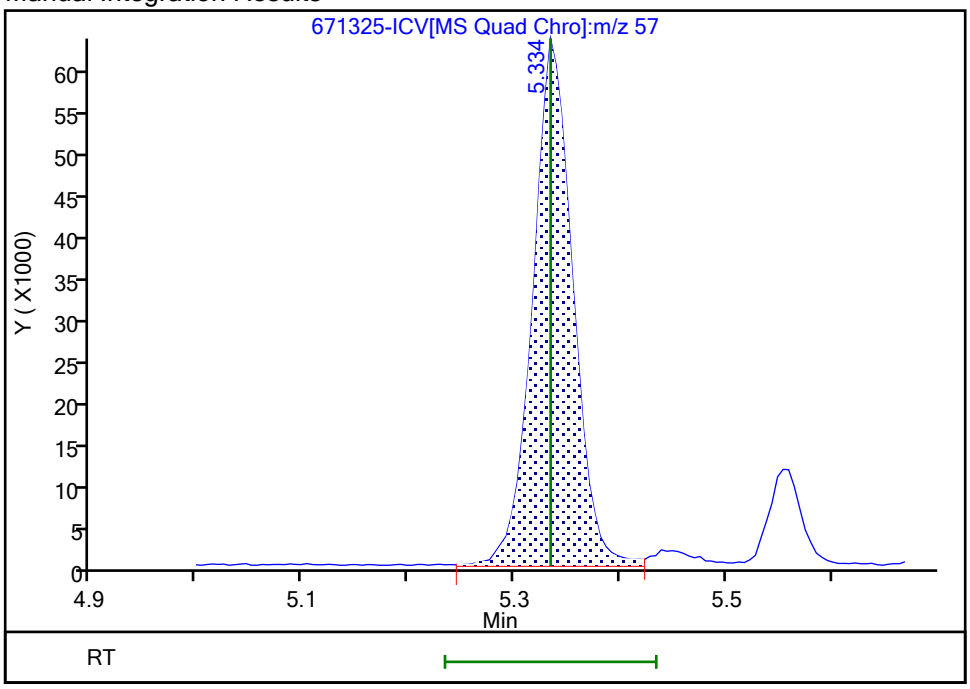
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 165997
Amount: 19.132563
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:19:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

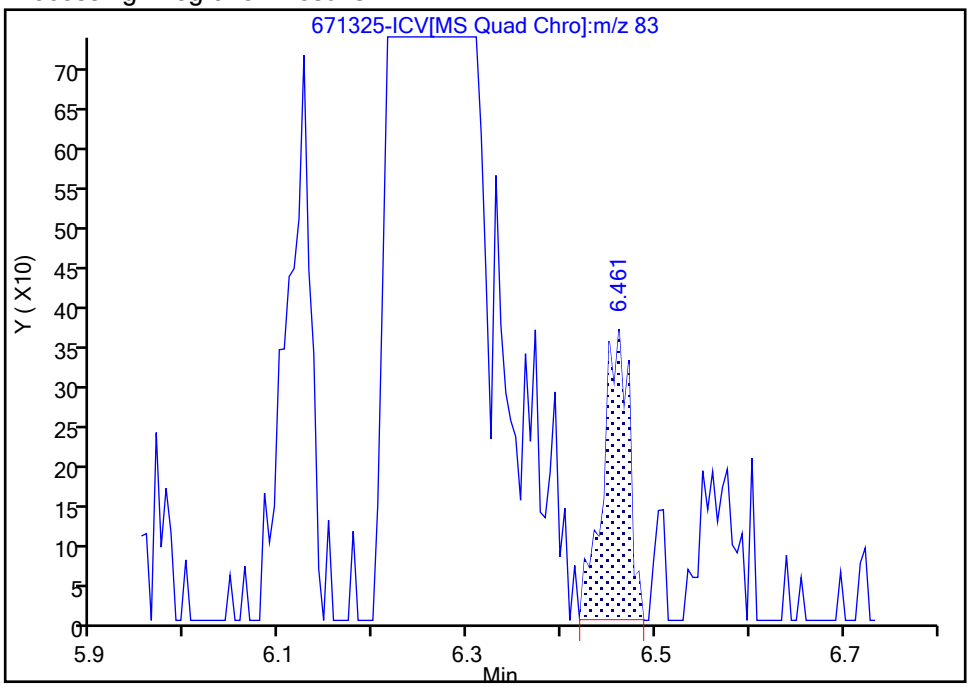
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

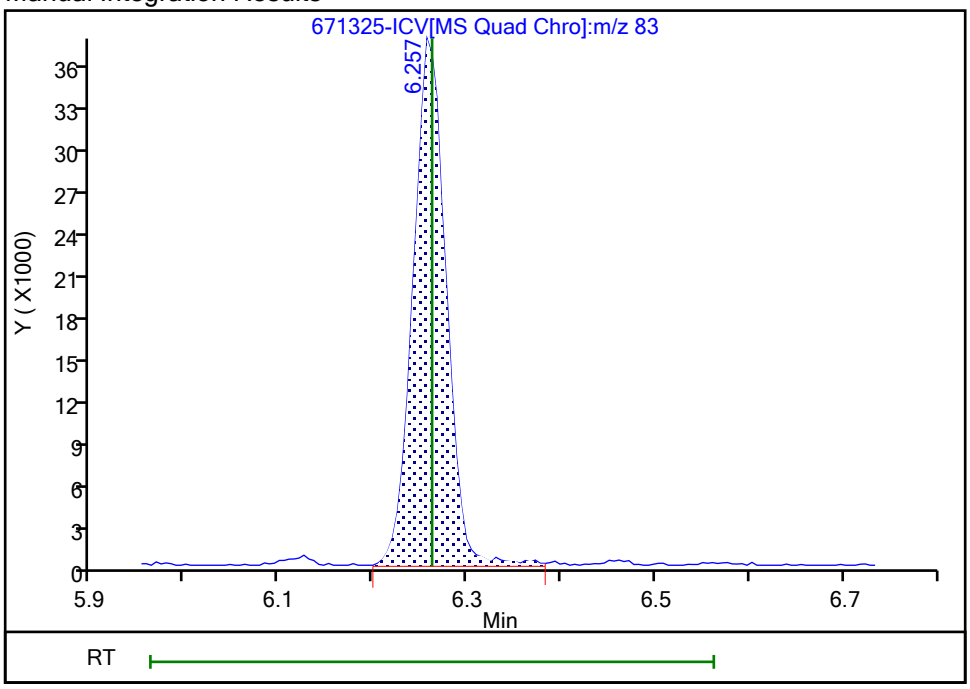
Processing Integration Results

RT: 6.46
Area: 700
Amount: 0.115251
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 90387
Amount: 15.539170
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:19:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
Monochloropentafluoroethane	QuaF		0.0202		23.6	20.0	17.9	20.0
Chlorotrifluoroethene	QuaF		0.0950		23.7	20.0	18.5	20.0
1,1-Difluoroethane	Ave	0.1460	0.1490		20.4	20.0	2.1	20.0
Dichlorodifluoromethane	Ave	0.4102	0.4185	0.1000	20.4	20.0	2.0	20.0
Chlorodifluoromethane	Ave	0.0579	0.0505		17.4	20.0	-12.9	20.0
Chloromethane	Ave	0.4003	0.4194	0.1000	21.0	20.0	4.8	20.0
Vinyl chloride	Ave	0.5068	0.5154	0.1000	20.3	20.0	1.7	20.0
Butadiene	Lin2		0.4896		21.4	20.0	7.2	20.0
Bromomethane	Ave	0.3164	0.3181	0.1000	20.1	20.0	0.5	50.0
Chloroethane	Ave	2.897	2.890	0.1000	20.0	20.0	-0.2	50.0
Dichlorofluoromethane	Ave	0.6895	0.6143		17.8	20.0	-10.9	20.0
Trichlorofluoromethane	Ave	0.5824	0.5274	0.1000	18.1	20.0	-9.4	20.0
Pentane	Ave	0.0375	0.0643		68.5	40.0	71.2*	20.0
Ethanol	Ave	0.4211	0.4934		937	800	17.2	50.0
Ethyl ether	Ave	0.2427	0.2245		18.5	20.0	-7.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2203	0.2549		23.1	20.0	15.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3220	0.2728		16.9	20.0	-15.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5071	0.4396		17.3	20.0	-13.3	20.0
Freon TF	Ave	0.3193	0.3044	0.1000	19.1	20.0	-4.7	20.0
Acrolein	Ave	0.0489	0.0417		34.1	40.0	-14.7	50.0
1,1-Dichloroethene	Ave	0.2765	0.3112	0.1000	22.5	20.0	12.5	20.0
Acetone	Ave	0.8181	0.7343	0.0500	89.8	100	-10.2	50.0
Iodomethane	Lin2		0.3703		18.5	20.0	-7.7	20.0
Carbon disulfide	Ave	0.5973	1.103	0.1000	36.9	20.0	84.7*	50.0
Isopropyl alcohol	Ave	4.786	4.863		203	200	1.6	50.0
3-Chloro-1-propene	Ave	0.1798	0.2040		22.7	20.0	13.4	20.0
Methyl acetate	Ave	0.1833	0.1643	0.1000	35.9	40.0	-10.4	20.0
Cyclopentene	Ave	0.4842	0.6745		27.9	20.0	39.3*	20.0
Acetonitrile	Ave	0.3320	0.3484		210	200	5.0	20.0
Methylene Chloride	Ave	0.3591	0.3667	0.1000	20.4	20.0	2.1	20.0
2-Methyl-2-propanol	Ave	8.593	7.205		168	200	-16.2	50.0
MTBE	Ave	0.8211	0.7310	0.1000	17.8	20.0	-11.0	20.0
trans-1,2-Dichloroethene	Ave	0.3254	0.3480	0.1000	21.4	20.0	6.9	20.0
Acrylonitrile	QuaF		0.1042		210	200	5.1	20.0
Hexane	Ave	0.2508	0.3920		31.3	20.0	56.3*	20.0
Isopropyl ether	Ave	0.8491	0.7255		17.1	20.0	-14.6	20.0
1,1-Dichloroethane	Ave	0.5631	0.5225	0.2000	18.6	20.0	-7.2	20.0
Vinyl acetate	Ave	0.6395	0.7497		46.9	40.0	17.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2783	0.2901		20.8	20.0	4.2	20.0
Tert-butyl ethyl ether	Ave	0.7998	0.6924		17.3	20.0	-13.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
2,2-Dichloropropane	Ave	0.1361	0.1230		18.1	20.0	-9.7	20.0
cis-1,2-Dichloroethene	Ave	0.4032	0.3936	0.1000	19.5	20.0	-2.4	20.0
2-Butanone	Ave	0.3787	0.3622	0.0500	95.6	100	-4.4	50.0
Ethyl acetate	Ave	0.3233	0.2792		34.5	40.0	-13.6	20.0
Methyl acrylate	Ave	0.2331	0.2181		18.7	20.0	-6.5	20.0
Propionitrile	Ave	0.0397	0.0391		197	200	-1.7	20.0
Tetrahydrofuran	Lin2		0.3911		39.6	40.0	-0.9	20.0
Chlorobromomethane	Ave	0.2066	0.1959		19.0	20.0	-5.2	20.0
Methacrylonitrile	Ave	0.1300	0.1224		188	200	-5.9	20.0
Chloroform	Ave	0.6314	0.5305	0.2000	16.8	20.0	-16.0	20.0
Cyclohexane	Ave	0.3948	0.4786	0.1000	24.2	20.0	21.2	50.0
1,1,1-Trichloroethane	Ave	0.5235	0.4613	0.1000	17.6	20.0	-11.9	20.0
Carbon tetrachloride	Ave	0.4733	0.4286	0.1000	18.1	20.0	-9.4	20.0
1,1-Dichloropropene	Ave	0.4117	0.4139		20.1	20.0	0.5	20.0
Isobutyl alcohol	Ave	4.467	2.614		293	500	-41.5	50.0
Isooctane	Ave	0.6320	0.6669		21.1	20.0	5.5	20.0
Benzene	Ave	1.505	1.670	0.5000	22.2	20.0	11.0	20.0
Isopropyl acetate	Ave	0.1495	0.1290		17.3	20.0	-13.7	20.0
Tert-amyl methyl ether	Ave	0.8376	0.7258		17.3	20.0	-13.3	20.0
1,2-Dichloroethane	Ave	0.3774	0.3155	0.1000	16.7	20.0	-16.4	20.0
n-Heptane	Ave	0.2041	0.2602		25.5	20.0	27.5*	20.0
n-Butanol	Ave	2.102	2.021		481	500	-3.8	50.0
Trichloroethene	Ave	0.3548	0.3302	0.2000	18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.4237	0.4859	0.1000	22.9	20.0	14.7	50.0
Ethyl acrylate	Ave	0.5895	0.5785		19.6	20.0	-1.9	20.0
1,2-Dichloropropane	Ave	0.3343	0.2956	0.1000	17.7	20.0	-11.6	20.0
Methyl methacrylate	Ave	0.0820	0.0725		35.4	40.0	-11.6	20.0
1,4-Dioxane	Ave	1.392	1.396		401	400	0.3	50.0
Dibromomethane	Ave	0.2339	0.1972		16.9	20.0	-15.7	20.0
n-Propyl acetate	Ave	0.3234	0.2884		17.8	20.0	-10.8	20.0
Bromodichloromethane	Ave	0.4727	0.3918	0.2000	16.6	20.0	-17.1	20.0
2-Nitropropane	Ave	0.0604	0.0493		32.6	40.0	-18.5	20.0
2-Chloroethyl vinyl ether	Ave	0.0415	0.0358		17.3	20.0	-13.9	20.0
Epichlorohydrin	QuaF		0.2491		368	400	-8.0	20.0
cis-1,3-Dichloropropene	Ave	0.6704	0.6299	0.2000	18.8	20.0	-6.0	50.0
4-Methyl-2-pentanone	Ave	2.300	2.003	0.0500	87.1	100	-12.9	50.0
Toluene	Ave	1.719	1.765	0.4000	20.5	20.0	2.7	20.0
trans-1,3-Dichloropropene	Ave	0.5817	0.5360	0.1000	18.4	20.0	-7.9	50.0
Ethyl methacrylate	Ave	0.4154	0.3919		18.9	20.0	-5.7	20.0
1,1,2-Trichloroethane	Ave	0.3185	0.2994	0.1000	18.8	20.0	-6.0	20.0
Tetrachloroethene	Ave	0.4918	0.5037	0.2000	20.5	20.0	2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
1,3-Dichloropropane	Ave	0.5862	0.5627		19.2	20.0	-4.0	20.0
2-Hexanone	Ave	1.607	1.394	0.0500	86.8	100	-13.2	50.0
n-Butyl acetate	Ave	0.4208	0.3863		18.4	20.0	-8.2	20.0
Dibromochloromethane	Ave	0.4690	0.4164	0.1000	17.8	20.0	-11.2	50.0
1,2-Dibromoethane	Ave	0.3917	0.3581	0.1000	18.3	20.0	-8.6	20.0
Chlorobenzene	Ave	1.180	1.159	0.5000	19.7	20.0	-1.7	20.0
Ethylbenzene	Ave	0.6321	0.6080	0.1000	19.2	20.0	-3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4711	0.4037		17.1	20.0	-14.3	20.0
m-Xylene & p-Xylene	Ave	0.7412	0.7525	0.1000	20.3	20.0	1.5	20.0
o-Xylene	Ave	0.7488	0.7240	0.3000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.2773	0.2560		18.5	20.0	-7.7	20.0
Styrene	Ave	1.232	1.207	0.3000	19.6	20.0	-2.0	20.0
Bromoform	Ave	0.3291	0.2912	0.1000	17.7	20.0	-11.5	20.0
Amyl acetate (mixed isomers)	Ave	0.8688	0.7987		18.4	20.0	-8.1	20.0
Isopropylbenzene	Ave	1.817	1.779	0.1000	19.6	20.0	-2.1	20.0
Bromobenzene	Ave	1.000	0.9673		19.3	20.0	-3.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8107	0.7359	0.3000	18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	3.961	3.933		19.9	20.0	-0.7	20.0
1,2,3-Trichloropropane	Ave	0.2569	0.2246		17.5	20.0	-12.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1656	0.1336		16.1	20.0	-19.3	20.0
2-Chlorotoluene	Ave	2.603	2.405		18.5	20.0	-7.6	20.0
4-Ethyltoluene	Ave	3.293	3.239		19.7	20.0	-1.6	20.0
1,3,5-Trimethylbenzene	Ave	2.668	2.550		19.1	20.0	-4.4	20.0
4-Chlorotoluene	Ave	2.618	2.382		18.2	20.0	-9.0	20.0
Butyl Methacrylate	Ave	0.8619	0.8057		18.7	20.0	-6.5	20.0
tert-Butylbenzene	Ave	2.314	2.211		19.1	20.0	-4.5	20.0
1,2,4-Trimethylbenzene	Ave	2.797	2.624		18.8	20.0	-6.2	20.0
sec-Butylbenzene	Ave	3.264	3.210		19.7	20.0	-1.7	20.0
1,3-Dichlorobenzene	Ave	1.751	1.648	0.6000	18.8	20.0	-5.9	20.0
4-Isopropyltoluene	Ave	2.821	2.775		19.7	20.0	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.758	1.655	0.5000	18.8	20.0	-5.9	20.0
1,2,3-Trimethylbenzene	Ave	2.753	2.587		18.8	20.0	-6.0	20.0
Benzyl chloride	Ave	1.539	1.443		18.8	20.0	-6.2	50.0
Indan	Ave	2.728	2.628		19.3	20.0	-3.7	20.0
p-Diethylbenzene	Ave	1.671	1.631		19.5	20.0	-2.4	20.0
n-Butylbenzene	Ave	1.357	1.286		19.0	20.0	-5.2	20.0
1,2-Dichlorobenzene	Ave	1.544	1.446	0.4000	18.7	20.0	-6.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.221	2.127		19.2	20.0	-4.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1778	0.1596	0.0500	18.0	20.0	-10.2	50.0
1,3,5-Trichlorobenzene	Ave	1.003	1.006		20.1	20.0	0.3	20.0
1,2,4-Trichlorobenzene	Ave	0.7713	0.7633	0.2000	19.8	20.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
Hexachlorobutadiene	Ave	0.3829	0.3779		19.7	20.0	-1.3	20.0
Naphthalene	Ave	1.521	1.597		21.0	20.0	5.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5538	0.5745		20.7	20.0	3.7	20.0
Dibromofluoromethane (Surr)	Ave	0.3071	0.2680		43.6	50.0	-12.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2695	0.2545		47.2	50.0	-5.6	20.0
Toluene-d8 (Surr)	Ave	1.249	1.298		52.0	50.0	4.0	20.0
Bromofluorobenzene	Ave	0.4469	0.4552		50.9	50.0	1.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671956.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2023 10:44:17 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0168581-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:55:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	83	5673	20.0	23.6	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	87	26684	20.0	23.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	41866	20.0	20.4	
4 Dichlorodifluoromethane	85	1.454	1.454	0.000	99	117592	20.0	20.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	14178	20.0	17.4	
6 Chloromethane	50	1.627	1.627	0.000	99	117841	20.0	21.0	
7 Vinyl chloride	62	1.722	1.722	0.000	99	144821	20.0	20.3	
8 Butadiene	54	1.748	1.748	0.000	90	137549	20.0	21.4	
9 Bromomethane	94	2.021	2.021	0.000	99	89371	20.0	20.1	
10 Chloroethane	64	2.110	2.110	0.000	99	73665	20.0	20.0	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	172585	20.0	17.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	87	148185	20.0	18.1	
13 Pentane	72	2.351	2.351	0.000	97	36119	40.0	68.5	
14 Ethanol	46	2.508	2.508	0.000	98	16669	800.0	937.2	
15 Ethyl ether	59	2.555	2.555	0.000	91	63067	20.0	18.5	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	93	71626	20.0	23.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.603	0.000	94	76650	20.0	16.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	96	123517	20.0	17.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	97	85521	20.0	19.1	
19 Acrolein	56	2.739	2.739	0.000	53	23416	40.0	34.1	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	93	87423	20.0	22.5	
22 Acetone	43	2.870	2.870	0.000	91	93572	100.0	89.8	
23 Iodomethane	142	2.933	2.933	0.000	98	104029	20.0	18.5	
25 Isopropyl alcohol	45	2.964	2.964	0.000	31	41073	200.0	203.2	
24 Carbon disulfide	76	2.964	2.964	0.000	98	310025	20.0	36.9	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	85	57315	20.0	22.7	
28 Methyl acetate	43	3.132	3.132	0.000	63	92321	40.0	35.9	
29 Cyclopentene	67	3.137	3.137	0.000	94	189501	20.0	27.9	
26 Acetonitrile	41	3.190	3.190	0.000	100	88795	200.0	209.9	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	96	42232	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	3.253	3.253	0.000	86	103019	20.0	20.4	
32 2-Methyl-2-propanol	59	3.321	3.321	0.000	98	60855	200.0	167.7	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	205377	20.0	17.8	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	89	97763	20.0	21.4	
33 Acrylonitrile	53	3.541	3.541	0.000	96	292792	200.0	210.3	
36 Hexane	57	3.635	3.635	0.000	88	110129	20.0	31.3	
40 Isopropyl ether	45	3.866	3.866	0.000	94	203834	20.0	17.1	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	99	146810	20.0	18.6	
38 Vinyl acetate	86	3.924	3.924	0.000	99	38211	40.0	46.9	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	86	81503	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	92	194552	20.0	17.3	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	318568	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	71	34555	20.0	18.1	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	92	110594	20.0	19.5	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	46151	100.0	95.6	
47 Ethyl acetate	70	4.511	4.511	0.000	96	14233	40.0	34.5	
48 Methyl acrylate	55	4.574	4.574	0.000	99	61272	20.0	18.7	
46 Propionitrile	54	4.653	4.653	0.000	99	109774	200.0	196.6	
51 Tetrahydrofuran	72	4.736	4.736	0.000	71	19933	40.0	39.6	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	55027	20.0	19.0	
50 Methacrylonitrile	67	4.773	4.773	0.000	85	343830	200.0	188.3	
52 Chloroform	83	4.805	4.805	0.000	99	149056	20.0	16.8	
55 Cyclohexane	84	4.941	4.941	0.000	84	134474	20.0	24.2	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	91	129605	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	188260	50.0	43.6	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	120423	20.0	18.1	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	95	116294	20.0	20.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	95	55187	500.0	292.5	
62 Isooctane	57	5.339	5.339	0.000	99	187372	20.0	21.1	a
60 Benzene	78	5.366	5.366	0.000	95	365202	20.0	22.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	94	178765	50.0	47.2	
64 Tert-amyl methyl ether	73	5.450	5.450	0.000	83	203912	20.0	17.3	
63 Isopropyl acetate	61	5.450	5.450	0.000	83	36247	20.0	17.3	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	89	88635	20.0	16.7	
66 n-Heptane	43	5.554	5.554	0.000	84	73105	20.0	25.5	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	702405	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	84	42676	500.0	480.8	
67 Trichloroethene	95	6.115	6.115	0.000	94	92771	20.0	18.6	
70 Methylcyclohexane	83	6.262	6.262	0.000	89	136516	20.0	22.9	
69 Ethyl acrylate	55	6.273	6.273	0.000	95	162539	20.0	19.6	
71 1,2-Dichloropropane	63	6.461	6.461	0.000	92	83044	20.0	17.7	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35780	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	79	40757	40.0	35.4	
74 1,4-Dioxane	88	6.603	6.603	0.000	42	19985	400.0	401.2	
72 Dibromomethane	93	6.614	6.614	0.000	92	55419	20.0	16.9	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	81027	20.0	17.8	
77 Dichlorobromomethane	83	6.792	6.792	0.000	94	110093	20.0	16.6	
78 2-Nitropropane	41	7.201	7.201	0.000	86	27678	40.0	32.6	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	80	10074	20.0	17.3	
80 Epichlorohydrin	57	7.327	7.327	0.000	98	126983	400.0	368.0	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	137714	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	255266	100.0	87.1	

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	7.683	7.683	0.000	98	709699	50.0	52.0	
84 Toluene	91	7.777	7.777	0.000	91	385934	20.0	20.5	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	91	117183	20.0	18.4	
86 Ethyl methacrylate	69	8.255	8.255	0.000	84	85682	20.0	18.9	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	96	65466	20.0	18.8	
88 Tetrachloroethene	166	8.501	8.501	0.000	98	110118	20.0	20.5	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	84	123018	20.0	19.2	
90 2-Hexanone	43	8.805	8.805	0.000	93	177692	100.0	86.8	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	84449	20.0	18.4	
91 Chlorodibromomethane	129	8.989	8.989	0.000	96	91042	20.0	17.8	
92 Ethylene Dibromide	107	9.167	9.167	0.000	96	78288	20.0	18.3	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	82	546566	50.0	50.0	
95 Chlorobenzene	112	9.885	9.885	0.000	99	253488	20.0	19.7	
97 Ethylbenzene	106	10.016	10.016	0.000	97	132934	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	46	88250	20.0	17.1	
98 m-Xylene & p-Xylene	106	10.216	10.216	0.000	95	164508	20.0	20.3	
99 o-Xylene	106	10.860	10.860	0.000	95	158278	20.0	19.3	
101 n-Butyl acrylate	73	10.876	10.876	0.000	87	55970	20.0	18.5	
100 Styrene	104	10.908	10.908	0.000	96	263832	20.0	19.6	
102 Bromoform	173	11.222	11.222	0.000	97	63673	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	90	93574	20.0	18.4	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	388860	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	94	248818	50.0	50.9	
106 Bromobenzene	156	11.883	11.883	0.000	80	113334	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	86222	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	460785	20.0	19.9	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	93	26320	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	91	15652	20.0	16.1	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	281721	20.0	18.5	
112 4-Ethyltoluene	105	12.150	12.150	0.000	97	379445	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	94	298793	20.0	19.1	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	279024	20.0	18.2	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	94401	20.0	18.7	
116 tert-Butylbenzene	119	12.601	12.601	0.000	91	259010	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	307427	20.0	18.8	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	376086	20.0	19.7	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	193029	20.0	18.8	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	325099	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	292906	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	193848	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	13.136	13.136	0.000	97	303125	20.0	18.8	
124 Benzyl chloride	91	13.262	13.262	0.000	99	169020	20.0	18.8	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	91	307954	20.0	19.3	
127 p-Diethylbenzene	119	13.409	13.409	0.000	96	191113	20.0	19.5	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	150657	20.0	19.0	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	169436	20.0	18.7	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	249261	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	84	18703	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	117907	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	92	89433	20.0	19.8	
133 Hexachlorobutadiene	225	14.982	14.982	0.000	80	44272	20.0	19.7	
134 Naphthalene	128	15.092	15.092	0.000	99	187082	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	95	67313	20.0	20.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	101.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 00:55:57 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671956.D

Injection Date: 08-Nov-2023 10:44:17 Instrument ID: CVOAMS15

Lims ID: CCVIS

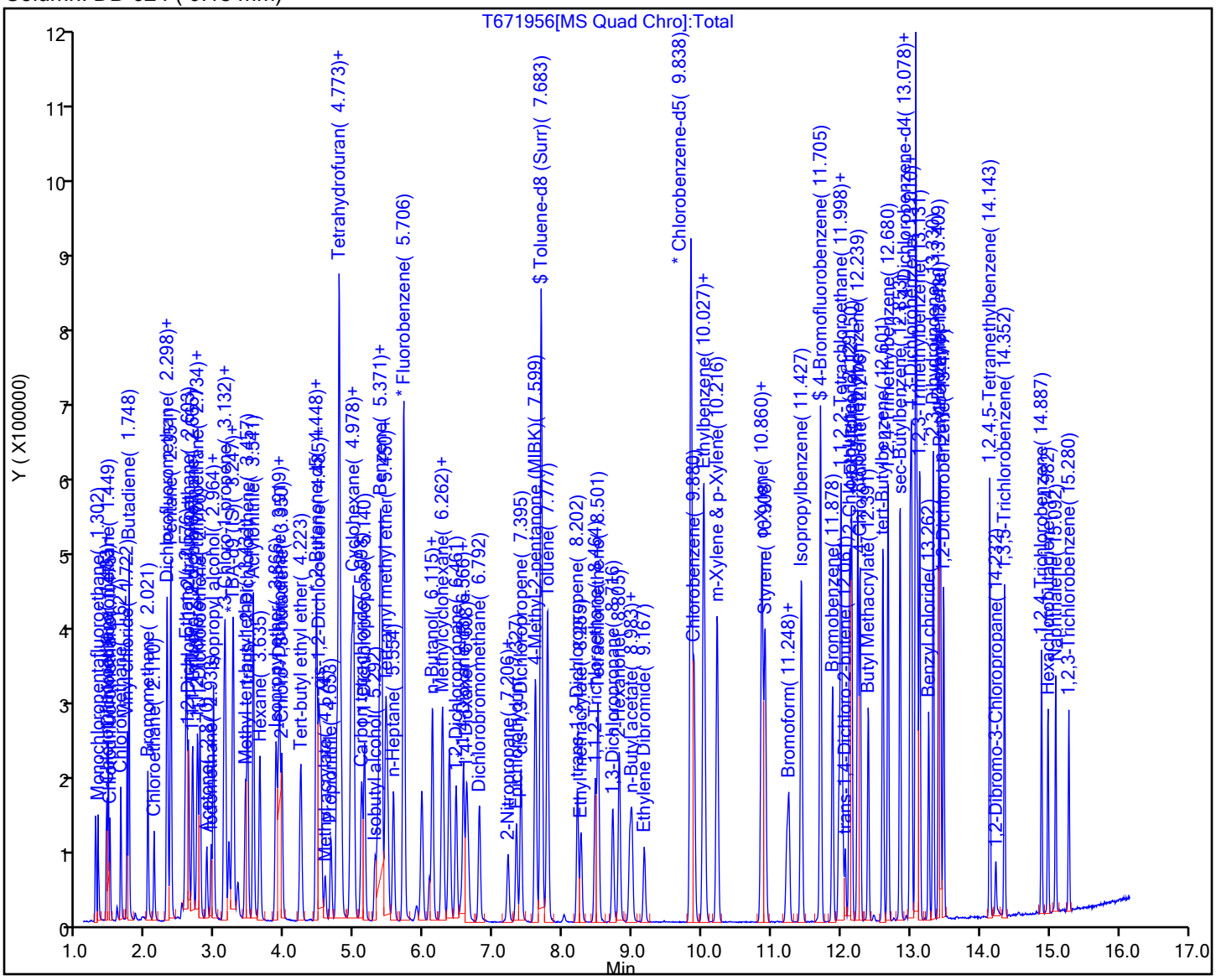
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

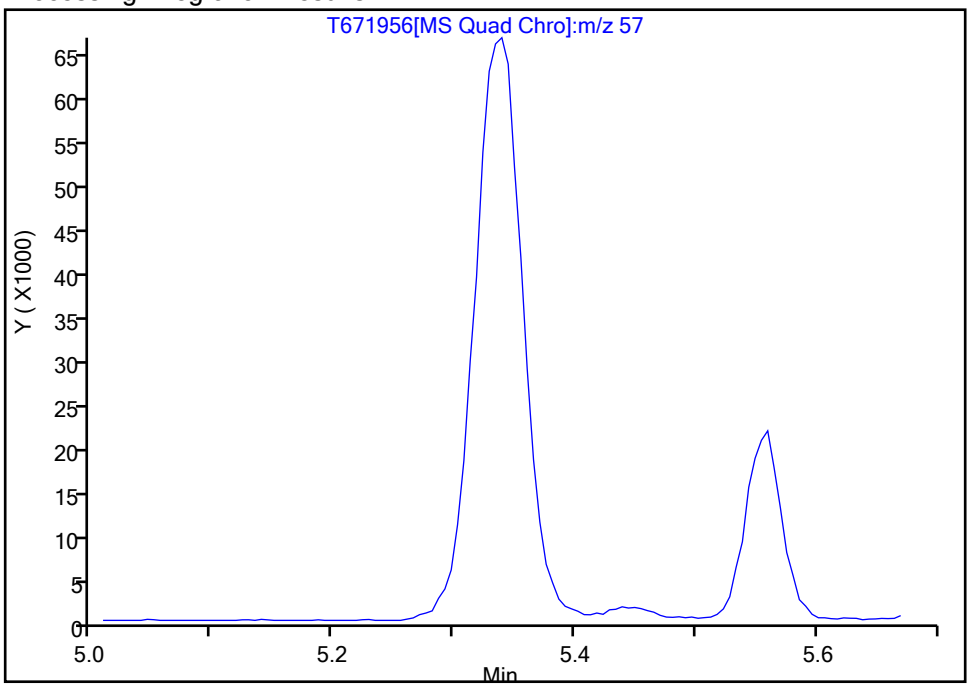
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Injection Date: 08-Nov-2023 10:44:17 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

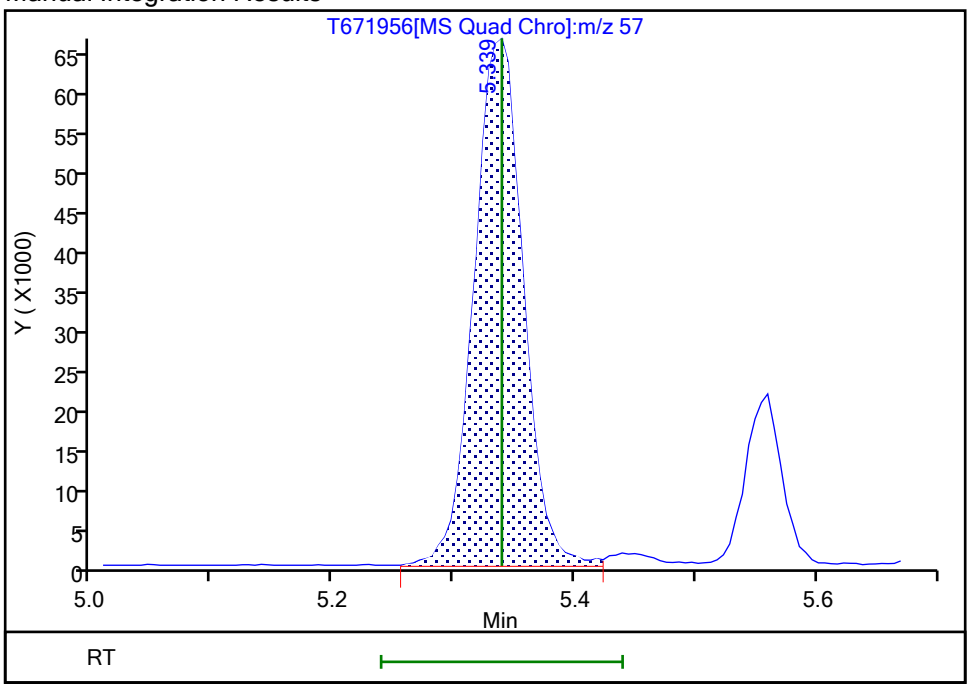
Not Detected
Expected RT: 5.34

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 187372
Amount: 21.105905
Amount Units: ug/l



Reviewer: K0HS, 08-Nov-2023 11:23:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	27-Oct-2023 10:37:20	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0167990-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	28-Oct-2023 10:49:27	Calib Date:	27-Oct-2023 14:48:16		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1610				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

Reagents:

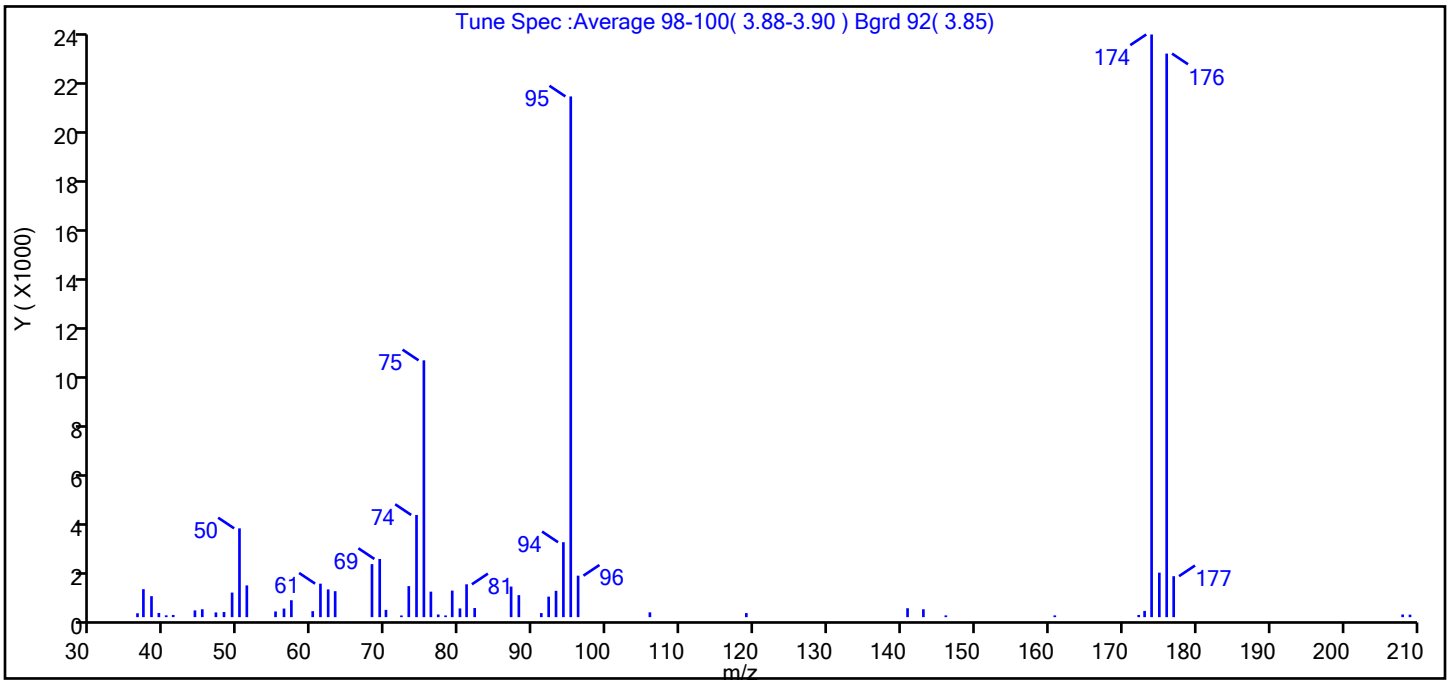
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D
Injection Date: 27-Oct-2023 10:37:20 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 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 (89.4)
96	5 to 9% of m/z 95	8.0
173	<2% of m/z 174	1.2 (1.1)
174	50 to 200% of m/z 95	111.9
175	5 to 9% of m/z 174	8.5 (7.6)
176	95 to 105% of m/z 174	108.2 (96.7)
177	5 to 10% of m/z 176	7.9 (7.3)

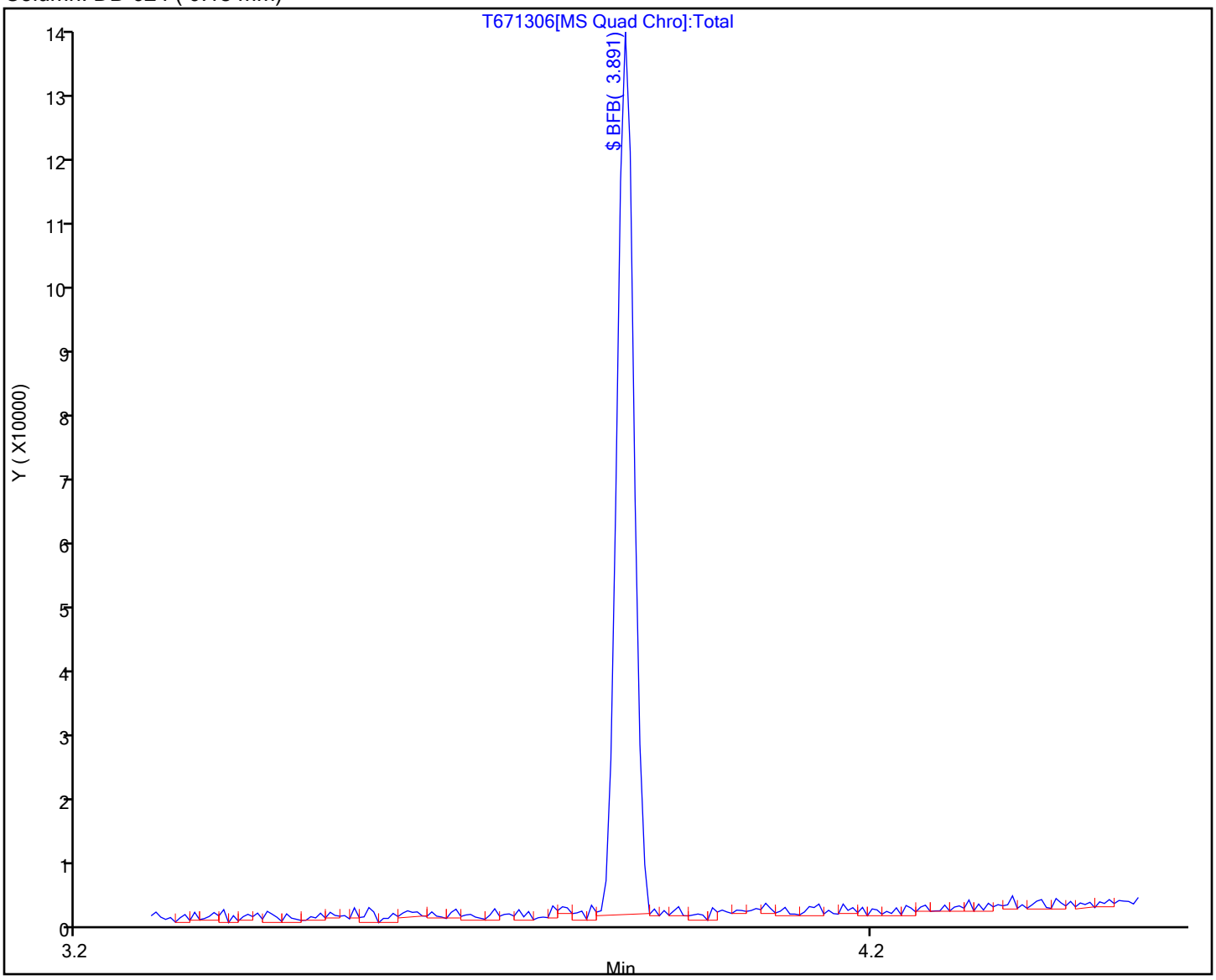
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D\8260W_15.rslt\spectra.d
Injection Date: 27-Oct-2023 10:37:20
Spectrum: Tune Spec :Average 98-100(3.88-3.90) Bgrd 92(3.85)
Base Peak: 173.95
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	155	56.00	345	77.00	106	106.00	193
37.00	1123	57.00	679	78.00	68	119.00	164
38.00	843	60.00	240	79.00	1066	141.00	358
39.00	168	61.00	1345	80.00	350	143.00	316
40.00	73	62.00	1114	81.00	1319	146.00	70
41.00	87	63.00	1042	82.00	366	161.00	70
44.00	270	68.00	2130	87.00	1229	172.00	87
45.00	317	69.00	2337	88.00	884	173.00	250
47.00	190	70.00	292	91.00	163	174.00	23400
48.00	206	72.00	67	92.00	824	175.00	1787
49.00	987	73.00	1246	93.00	1057	176.00	22632
50.00	3566	74.00	4104	94.00	3009	177.00	1645
51.00	1275	75.00	10314	95.00	20912	208.00	106
55.00	229	76.00	1024	96.00	1666	209.00	100

Report Date: 28-Oct-2023 10:49:27 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D
Injection Date: 27-Oct-2023 10:37:20 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-943343/9

Matrix: Water | Lab File ID: T671961.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 12:37

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-943343/9

Matrix: Water | Lab File ID: T671961.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 12:37

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	89		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2023 12:37:19 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0168581-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:05:31 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:59:07

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	3.237	3.242	-0.005	92	38869	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	57	296973	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	201210	50.0	43.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	97	179870	50.0	44.6	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	747741	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	36941	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	760520	50.0	52.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	80	581554	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	95	262394	50.0	50.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	312829	50.0	50.0	

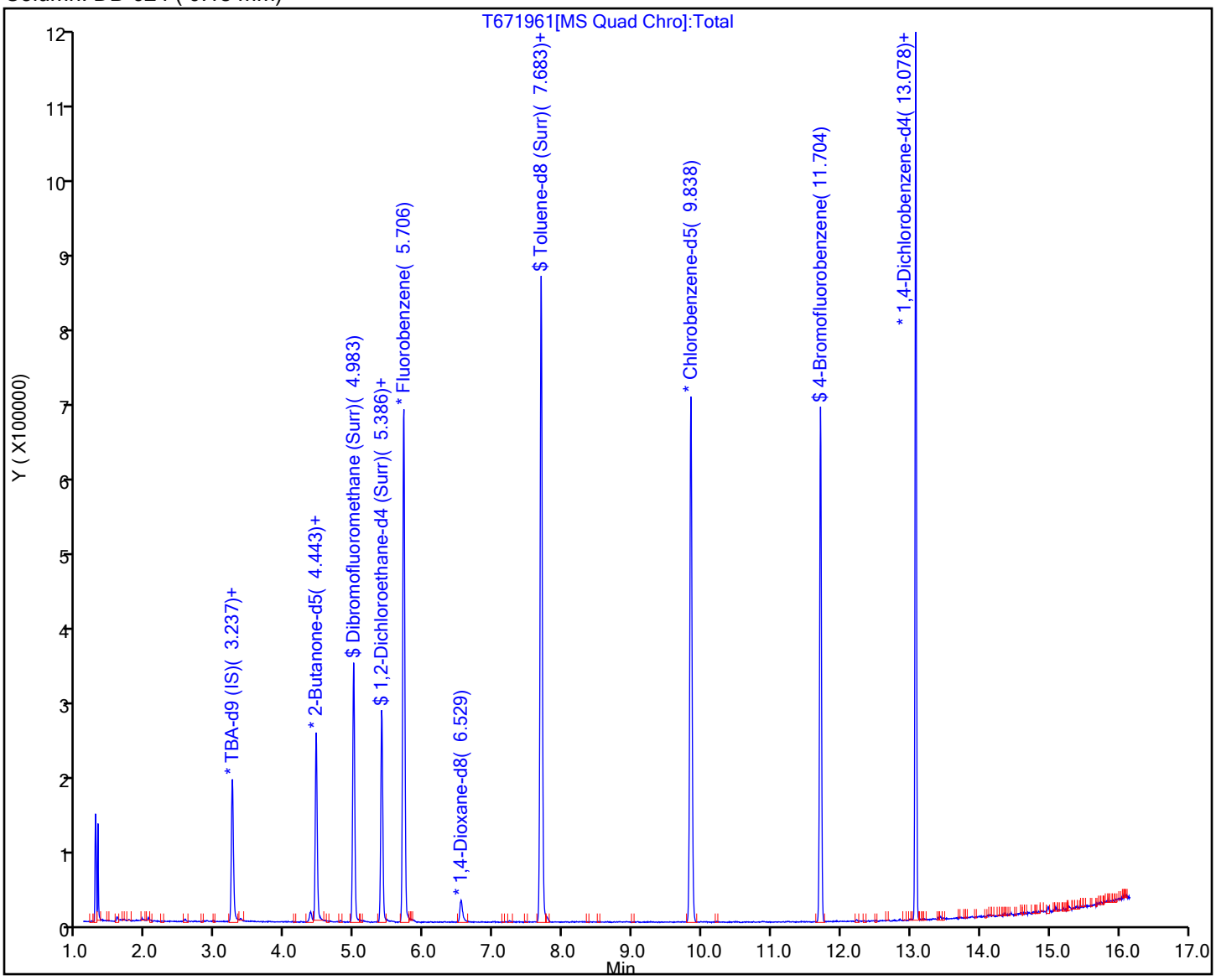
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:34:26 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Injection Date: 08-Nov-2023 12:37:19 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2023 12:37:19 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0168581-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:05:31 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:59:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.8	87.63
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.6	89.26
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.70
$ 105 4-Bromofluorobenzene	50.0	50.5	100.96

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-943343/5

Matrix: Water | Lab File ID: T671957.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 11:06

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.20
75-34-3	1,1-Dichloroethane	18.4		1.0	0.26
75-35-4	1,1-Dichloroethene	22.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.38
106-93-4	1,2-Dibromoethane	17.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.21
107-06-2	1,2-Dichloroethane	16.6		1.0	0.43
78-87-5	1,2-Dichloropropane	17.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
78-93-3	2-Butanone	94.2		5.0	1.9
591-78-6	2-Hexanone	85.3		5.0	1.1
108-10-1	4-Methyl-2-pentanone	86.7		5.0	1.3
67-64-1	Acetone	84.7		5.0	4.4
71-43-2	Benzene	21.9		1.0	0.20
75-27-4	Bromodichloromethane	15.9		1.0	0.34
75-25-2	Bromoform	17.8		1.0	0.54
74-83-9	Bromomethane	21.0		1.0	0.55
75-15-0	Carbon disulfide	36.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
108-90-7	Chlorobenzene	19.8		1.0	0.38
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	16.7		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
110-82-7	Cyclohexane	24.8		1.0	0.32
124-48-1	Dibromochloromethane	18.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.31
100-41-4	Ethylbenzene	19.5		1.0	0.30
76-13-1	Freon TF	19.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-943343/5

Matrix: Water | Lab File ID: T671957.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 11:06

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	19.6		1.0	0.34
108-87-2	Methylcyclohexane	23.8		1.0	0.71
75-09-2	Methylene Chloride	20.4		1.0	0.32
1634-04-4	MTBE	17.3		1.0	0.22
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	20.8		1.0	0.25
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	18.3		1.0	0.31
75-69-4	Trichlorofluoromethane	18.2		1.0	0.32
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	39.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2023 11:06:53 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0168581-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:56:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	89	5987	20.0	23.7	
3 Chlorotrifluoroethene	116	1.417	1.423	-0.006	93	30383	20.0	25.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	45126	20.0	20.9	
4 Dichlorodifluoromethane	85	1.449	1.454	-0.005	99	125710	20.0	20.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15582	20.0	18.2	
6 Chloromethane	50	1.627	1.627	0.000	99	124796	20.0	21.1	
7 Vinyl chloride	62	1.721	1.722	-0.001	98	150111	20.0	20.1	
8 Butadiene	54	1.748	1.748	0.000	92	143001	20.0	21.2	
9 Bromomethane	94	2.020	2.021	-0.001	99	98159	20.0	21.0	
10 Chloroethane	64	2.109	2.110	-0.001	98	78519	20.0	20.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	180614	20.0	17.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	92	156436	20.0	18.2	
13 Pentane	72	2.351	2.351	0.000	97	39119	40.0	70.6	
14 Ethanol	46	2.508	2.508	0.000	98	15782	800.0	887.6	
15 Ethyl ether	59	2.555	2.555	0.000	96	64719	20.0	18.1	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	76091	20.0	23.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	83	81650	20.0	17.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	97	131476	20.0	17.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	92868	20.0	19.7	
19 Acrolein	56	2.739	2.739	0.000	54	24196	40.0	33.6	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	94	92966	20.0	22.8	
22 Acetone	43	2.864	2.870	-0.006	92	91908	100.0	84.7	
23 Iodomethane	142	2.927	2.933	-0.006	98	110779	20.0	18.7	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	31	39319	200.0	194.6	
24 Carbon disulfide	76	2.964	2.964	0.000	98	320920	20.0	36.4	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	84	60047	20.0	22.6	
28 Methyl acetate	43	3.127	3.132	-0.005	74	93879	40.0	34.7	
29 Cyclopentene	67	3.132	3.137	-0.005	92	202793	20.0	28.4	
26 Acetonitrile	41	3.190	3.190	0.000	99	88692	200.0	201.3	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	96	42220	1000.0	1000.0	
30 Methylene Chloride	84	3.252	3.253	-0.001	85	107918	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
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	61895	200.0	170.6	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	209308	20.0	17.3	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	87	103835	20.0	21.6	
33 Acrylonitrile	53	3.536	3.541	-0.005	95	299256	200.0	204.6	
36 Hexane	57	3.630	3.635	-0.005	87	117487	20.0	31.7	
40 Isopropyl ether	45	3.866	3.866	0.000	95	215277	20.0	17.2	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	152639	20.0	18.4	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	39691	40.0	46.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	83	88360	20.0	21.5	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	91	206025	20.0	17.5	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	331775	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	72	35734	20.0	17.8	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	85	113971	20.0	19.2	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	47361	100.0	94.2	
47 Ethyl acetate	70	4.516	4.511	0.005	97	14696	40.0	34.3	
48 Methyl acrylate	55	4.574	4.574	0.000	99	64101	20.0	18.6	
46 Propionitrile	54	4.658	4.653	0.005	100	113531	200.0	193.6	
51 Tetrahydrofuran	72	4.742	4.736	0.006	71	19853	40.0	37.8	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	57889	20.0	19.0	
50 Methacrylonitrile	67	4.773	4.773	0.000	85	347956	200.0	181.4	
52 Chloroform	83	4.804	4.805	-0.001	93	155929	20.0	16.7	
55 Cyclohexane	84	4.946	4.941	0.005	85	144281	20.0	24.8	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	137645	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	98	193305	50.0	42.7	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	128251	20.0	18.4	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	96	121136	20.0	19.9	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	94	62330	500.0	330.5	
62 Isooctane	57	5.334	5.339	-0.005	99	204799	20.0	22.0	
60 Benzene	78	5.365	5.366	-0.001	95	373754	20.0	21.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	94	182498	50.0	45.9	
64 Tert-amyl methyl ether	73	5.449	5.450	-0.001	83	212698	20.0	17.2	
63 Isopropyl acetate	61	5.449	5.450	-0.001	81	37326	20.0	16.9	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	90	92197	20.0	16.6	
66 n-Heptane	43	5.554	5.554	0.000	86	78163	20.0	25.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	737848	50.0	50.0	
68 n-Butanol	56	6.068	6.073	-0.005	80	40961	500.0	461.6	
67 Trichloroethene	95	6.115	6.115	0.000	95	95659	20.0	18.3	
70 Methylcyclohexane	83	6.257	6.262	-0.005	93	148807	20.0	23.8	a
69 Ethyl acrylate	55	6.273	6.273	-0.001	96	173943	20.0	20.0	
71 1,2-Dichloropropane	63	6.461	6.461	0.000	92	87669	20.0	17.8	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	36542	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	79	41914	40.0	34.6	
74 1,4-Dioxane	88	6.598	6.603	-0.005	43	19183	400.0	377.0	
72 Dibromomethane	93	6.608	6.614	-0.006	90	56760	20.0	16.4	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	77623	20.0	16.3	
77 Dichlorobromomethane	83	6.792	6.792	0.000	95	110885	20.0	15.9	
78 2-Nitropropane	41	7.195	7.201	-0.006	90	27672	40.0	31.0	
79 2-Chloroethyl vinyl ether	106	7.216	7.211	0.005	86	9556	20.0	15.6	
80 Epichlorohydrin	57	7.326	7.327	-0.001	98	127878	400.0	355.9	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	87	148936	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	93	264740	100.0	86.7	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	744847	50.0	52.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.772	7.777	-0.005	92	406416	20.0	20.8	
85 trans-1,3-Dichloropropene	75	8.207	8.202	0.005	93	122793	20.0	18.6	
86 Ethyl methacrylate	69	8.260	8.255	0.005	83	88870	20.0	18.8	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	94	67270	20.0	18.6	
88 Tetrachloroethene	166	8.501	8.501	0.000	97	116436	20.0	20.8	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	86	126694	20.0	19.0	
90 2-Hexanone	43	8.805	8.805	0.000	93	181887	100.0	85.3	
93 n-Butyl acetate	43	8.957	8.957	0.000	97	87369	20.0	18.3	
91 Chlorodibromomethane	129	8.983	8.989	-0.006	96	96239	20.0	18.1	
92 Ethylene Dibromide	107	9.167	9.167	0.000	100	79663	20.0	17.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	567840	50.0	50.0	
95 Chlorobenzene	112	9.880	9.885	-0.005	98	265076	20.0	19.8	
97 Ethylbenzene	106	10.021	10.016	0.005	97	140326	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	56	92467	20.0	17.3	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	89	172383	20.0	20.5	
99 o-Xylene	106	10.860	10.860	0.000	95	164434	20.0	19.3	
101 n-Butyl acrylate	73	10.876	10.876	0.000	86	56376	20.0	17.9	
100 Styrene	104	10.907	10.908	-0.001	97	275200	20.0	19.7	
102 Bromoform	173	11.222	11.222	0.000	96	66376	20.0	17.8	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	93711	20.0	17.9	
104 Isopropylbenzene	105	11.426	11.432	-0.006	95	404914	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	11.710	11.705	0.005	94	254356	50.0	50.1	
106 Bromobenzene	156	11.877	11.883	-0.006	83	116100	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	88719	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	476437	20.0	20.0	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	93	27040	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	15693	20.0	15.7	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	291893	20.0	18.6	
112 4-Ethyltoluene	105	12.155	12.150	0.005	98	389828	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	93	310248	20.0	19.3	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	290340	20.0	18.4	
115 Butyl Methacrylate	87	12.391	12.391	0.000	83	96401	20.0	18.6	
116 tert-Butylbenzene	119	12.601	12.601	0.000	94	272147	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	317935	20.0	18.9	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	391085	20.0	19.9	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	198895	20.0	18.8	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	333330	20.0	19.6	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	301346	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	199429	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.006	98	310013	20.0	18.7	
124 Benzyl chloride	91	13.262	13.262	0.000	100	171985	20.0	18.5	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	90	317729	20.0	19.3	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	96	195462	20.0	19.4	
128 n-Butylbenzene	92	13.429	13.430	-0.001	96	154725	20.0	18.9	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	173492	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	96	253331	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	85	18416	20.0	17.2	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	117901	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	90223	20.0	19.4	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	80	45452	20.0	19.7	
134 Naphthalene	128	15.091	15.092	-0.001	99	185768	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	67431	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	102.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 00:56:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D

Injection Date: 08-Nov-2023 11:06:53 Instrument ID: CVOAMS15

Lims ID: LCS

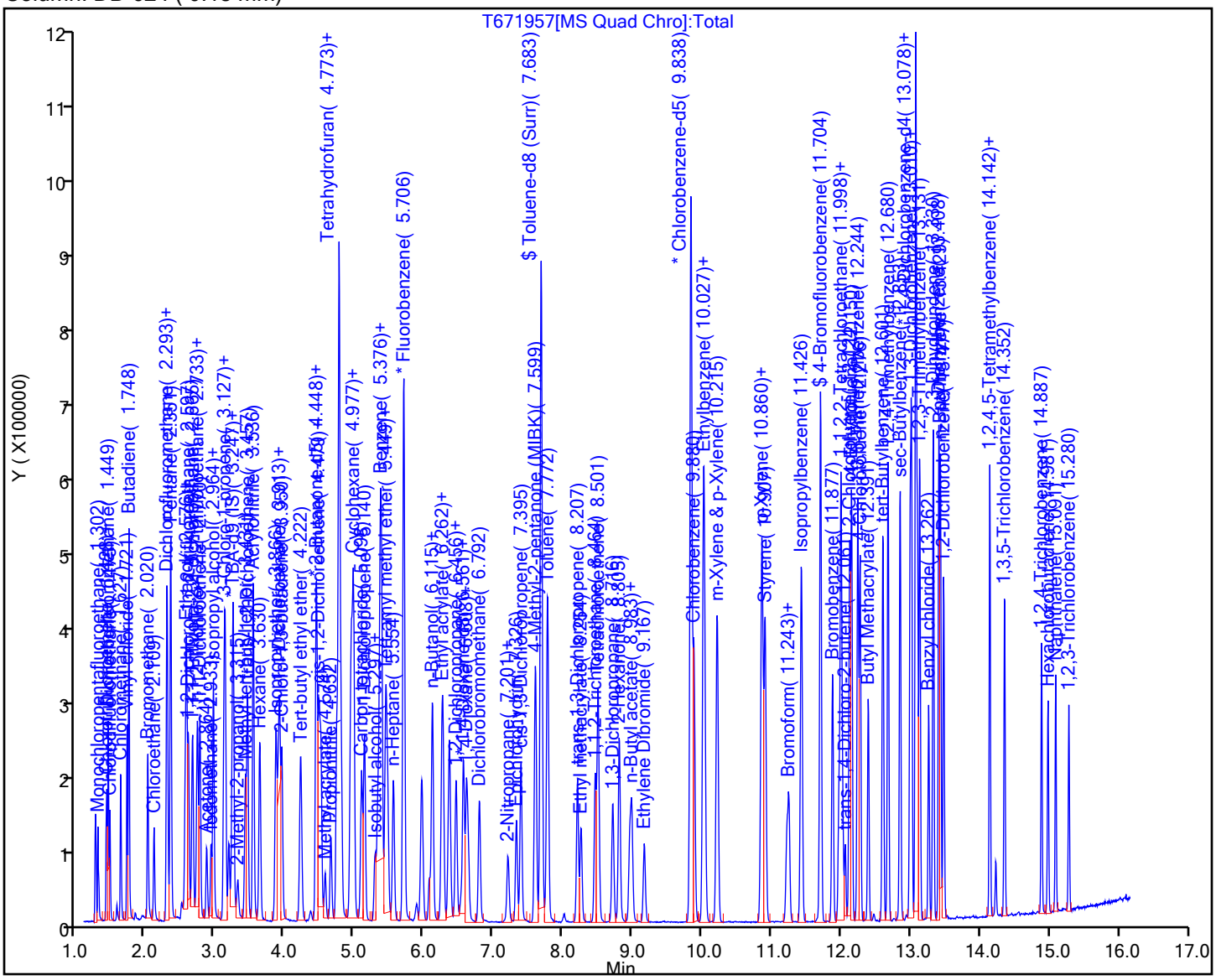
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2023 11:06:53 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0168581-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:56:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.7	85.31
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.77
$ 83 Toluene-d8 (Surr)	50.0	52.5	105.02
$ 105 4-Bromofluorobenzene	50.0	50.1	100.23

Manual Integration/User Assign Peak Report

Eurofins Edison

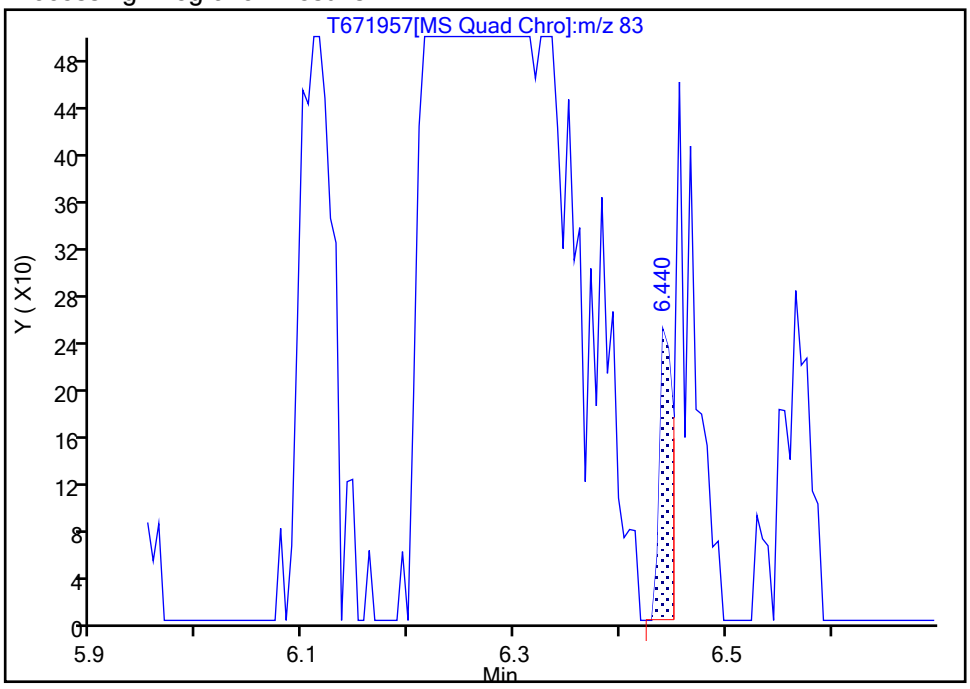
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Injection Date: 08-Nov-2023 11:06:53 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

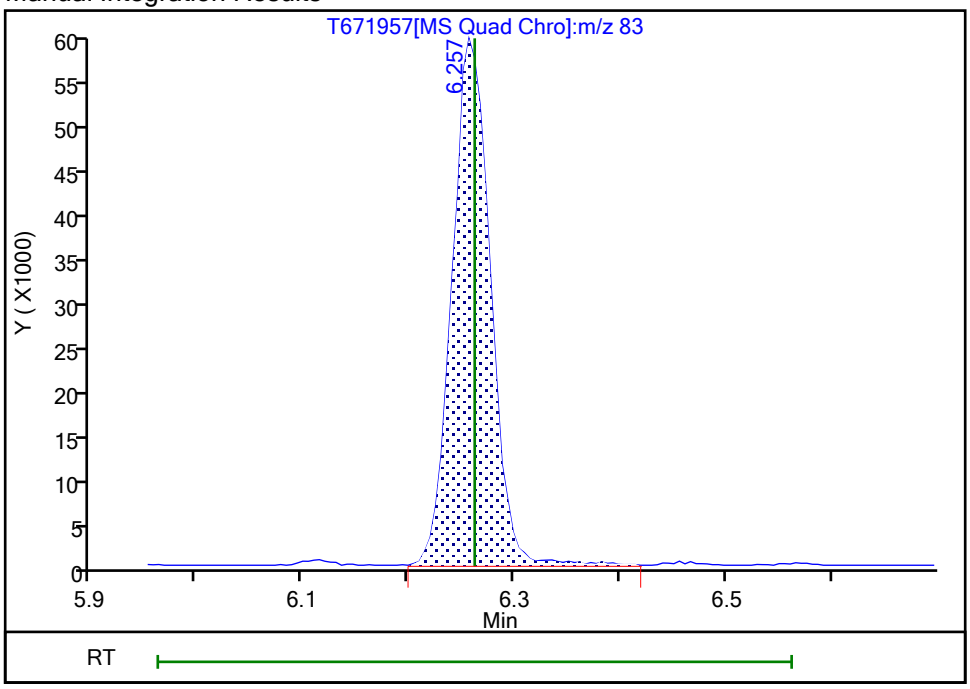
Processing Integration Results

RT: 6.44
Area: 225
Amount: 0.035987
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 148807
Amount: 23.800840
Amount Units: ug/l



Reviewer: K0HS, 08-Nov-2023 11:25:21 -05:00:00 (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.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MS | Lab Sample ID: 460-292076-1 MS

Matrix: Water | Lab File ID: T671967.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 14:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	23.9		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	18.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
106-93-4	1,2-Dibromoethane	18.0		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.21
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
78-93-3	2-Butanone	97.4		5.0	1.9
591-78-6	2-Hexanone	90.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone	93.6		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	27.8		1.0	0.20
75-27-4	Bromodichloromethane	16.6		1.0	0.34
75-25-2	Bromoform	17.0		1.0	0.54
74-83-9	Bromomethane	17.1		1.0	0.55
75-15-0	Carbon disulfide	37.9		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	24.5		1.0	0.32
67-66-3	Chloroform	17.1		1.0	0.33
74-87-3	Chloromethane	21.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.22
110-82-7	Cyclohexane	46.3		1.0	0.32
124-48-1	Dibromochloromethane	17.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.31
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	20.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MS | Lab Sample ID: 460-292076-1 MS

Matrix: Water | Lab File ID: T671967.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 14:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	33.0		1.0	0.34
108-87-2	Methylcyclohexane	30.0		1.0	0.71
75-09-2	Methylene Chloride	24.7		1.0	0.32
1634-04-4	MTBE	18.0		1.0	0.22
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
79-01-6	Trichloroethene	76.0		1.0	0.31
75-69-4	Trichlorofluoromethane	18.6		1.0	0.32
75-01-4	Vinyl chloride	20.5		1.0	0.17
1330-20-7	Xylenes, Total	41.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D
Lims ID: 460-292076-C-1 MS
Client ID: NL-MW-3_20231107
Sample Type: MS
Inject. Date: 08-Nov-2023 14:53:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MS
Misc. Info.: 460-0168581-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	27	6220	20.0	24.1	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	86	30305	20.0	25.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	45689	20.0	20.8	
4 Dichlorodifluoromethane	85	1.449	1.454	-0.005	100	128716	20.0	20.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15978	20.0	18.3	
6 Chloromethane	50	1.627	1.627	0.000	99	130322	20.0	21.6	
7 Vinyl chloride	62	1.722	1.722	0.000	98	156694	20.0	20.5	
8 Butadiene	54	1.748	1.748	0.000	90	144316	20.0	20.9	
9 Bromomethane	94	2.020	2.021	-0.001	98	81542	20.0	17.1	
10 Chloroethane	64	2.110	2.110	0.000	96	83266	20.0	24.5	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	188585	20.0	18.1	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	99	163527	20.0	18.6	
13 Pentane	72	2.351	2.351	0.000	97	42232	40.0	74.6	
14 Ethanol	46	2.508	2.508	0.000	98	15997	800.0	914.6	
15 Ethyl ether	59	2.555	2.555	0.000	91	69013	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	78531	20.0	23.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	92	88287	20.0	18.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	96	136591	20.0	17.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	95	97952	20.0	20.4	
19 Acrolein	56	2.734	2.739	-0.005	56	39817	40.0	54.0	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	94	99675	20.0	23.9	
22 Acetone	43	2.870	2.870	0.000	92	83603	100.0	87.0	
23 Iodomethane	142	2.928	2.933	-0.005	97	101427	20.0	16.8	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	32	40039	200.0	201.4	
24 Carbon disulfide	76	2.964	2.964	0.000	98	341389	20.0	37.9	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	89	64270	20.0	23.7	
28 Methyl acetate	43	3.127	3.132	-0.005	89	349265	40.0	126.4	
29 Cyclopentene	67	3.137	3.137	0.000	88	217439	20.0	29.8	
26 Acetonitrile	41	3.190	3.190	0.000	98	61600	200.0	157.9	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	93	41533	1000.0	1000.0	
30 Methylene Chloride	84	3.253	3.253	0.000	83	133571	20.0	24.7	

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	3.316	3.321	-0.005	99	62740	200.0	175.8	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	97	222347	20.0	18.0	a
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	76	107776	20.0	22.0	
33 Acrylonitrile	53	3.536	3.541	-0.005	97	283589	200.0	189.9	
36 Hexane	57	3.635	3.635	0.000	86	111585	20.0	29.5	
40 Isopropyl ether	45	3.866	3.866	0.000	94	219358	20.0	17.1	
37 1,1-Dichloroethane	63	3.903	3.898	0.005	94	153068	20.0	18.0	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	39904	40.0	53.1	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	87	89068	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.217	4.223	-0.006	92	211912	20.0	17.6	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	91	293810	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	77	38229	20.0	18.6	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	91	126418	20.0	20.8	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	43357	100.0	97.4	
47 Ethyl acetate	70	4.516	4.511	0.005	97	17748	40.0	46.7	
48 Methyl acrylate	55	4.574	4.574	0.000	98	62896	20.0	17.9	
46 Propionitrile	54	4.653	4.653	-0.001	98	110914	200.0	185.1	
51 Tetrahydrofuran	72	4.742	4.736	0.006	68	20240	40.0	43.8	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	59617	20.0	19.1	
50 Methacrylonitrile	67	4.773	4.773	0.000	83	375681	200.0	191.7	
52 Chloroform	83	4.805	4.805	0.000	99	162989	20.0	17.1	
55 Cyclohexane	84	4.946	4.941	0.005	88	275841	20.0	46.3	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	85	139784	20.0	17.7	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	195289	50.0	42.2	
56 Carbon tetrachloride	117	5.098	5.098	0.000	89	130916	20.0	18.3	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	92	123477	20.0	19.9	
59 Isobutyl alcohol	43	5.292	5.292	0.000	91	77148	500.0	415.8	
62 Isooctane	57	5.339	5.339	0.000	90	213807	20.0	22.4	
60 Benzene	78	5.366	5.366	0.000	95	489365	20.0	27.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	90	184022	50.0	45.3	
64 Tert-amyl methyl ether	73	5.444	5.450	-0.006	83	218545	20.0	17.3	
63 Isopropyl acetate	61	5.455	5.450	0.005	78	38611	20.0	17.1	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	94	93769	20.0	16.5	
66 n-Heptane	43	5.560	5.554	0.006	83	71261	20.0	23.2	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	753843	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	57	37763	500.0	432.6	
67 Trichloroethene	95	6.115	6.115	0.000	94	406455	20.0	76.0	
70 Methylcyclohexane	83	6.257	6.262	-0.005	93	191780	20.0	30.0	
69 Ethyl acrylate	55	6.267	6.273	-0.006	93	226154	20.0	25.4	
71 1,2-Dichloropropane	63	6.456	6.461	-0.005	93	88309	20.0	17.5	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	2	35992	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	76	43789	40.0	35.4	
74 1,4-Dioxane	88	6.592	6.603	-0.011	53	18487	400.0	368.9	
72 Dibromomethane	93	6.608	6.614	-0.006	90	58082	20.0	16.5	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	76731	20.0	15.7	
77 Dichlorobromomethane	83	6.792	6.792	0.000	94	118587	20.0	16.6	
78 2-Nitropropane	41	7.195	7.201	-0.006	94	35604	40.0	39.1	
80 Epichlorohydrin	57	7.327	7.327	-0.001	98	116899	400.0	367.4	
81 cis-1,3-Dichloropropene	75	7.389	7.395	-0.006	87	147402	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	252923	100.0	93.6	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	760028	50.0	52.0	
84 Toluene	91	7.777	7.777	0.000	91	427485	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
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	90	123279	20.0	18.1	
86 Ethyl methacrylate	69	8.260	8.255	0.005	85	94733	20.0	19.5	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	96	69710	20.0	18.7	
88 Tetrachloroethene	166	8.501	8.501	0.000	96	122696	20.0	21.3	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	87	130231	20.0	19.0	
90 2-Hexanone	43	8.810	8.805	0.005	91	170784	100.0	90.4	
93 n-Butyl acetate	43	8.957	8.957	0.000	96	85136	20.0	17.3	
91 Chlorodibromomethane	129	8.983	8.989	-0.006	96	97623	20.0	17.8	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	82359	20.0	18.0	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	585039	50.0	50.0	
95 Chlorobenzene	112	9.880	9.885	-0.005	99	277767	20.0	20.1	
97 Ethylbenzene	106	10.016	10.016	0.000	97	156058	20.0	21.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	48	98502	20.0	17.9	
98 m-Xylene & p-Xylene	106	10.215	10.216	-0.001	95	182740	20.0	21.1	
99 o-Xylene	106	10.855	10.860	-0.005	96	174715	20.0	19.9	
101 n-Butyl acrylate	73	10.876	10.876	0.000	86	58250	20.0	18.0	
100 Styrene	104	10.908	10.908	0.000	97	284761	20.0	19.8	
102 Bromoform	173	11.222	11.222	0.000	97	65398	20.0	17.0	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	92	92857	20.0	16.9	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	702545	20.0	33.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	94	266739	50.0	51.0	
106 Bromobenzene	156	11.878	11.883	-0.005	80	126381	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	88185	20.0	17.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	597185	20.0	23.9	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	27096	20.0	16.7	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	91	15405	20.0	14.7	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	299113	20.0	18.2	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	412969	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	319498	20.0	19.0	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	298126	20.0	18.0	
115 Butyl Methacrylate	87	12.391	12.391	0.000	82	102822	20.0	18.9	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	306623	20.0	21.0	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	333829	20.0	18.9	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	507576	20.0	24.6	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	210138	20.0	19.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	342138	20.0	19.2	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	315598	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	213448	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.005	97	340114	20.0	19.6	
124 Benzyl chloride	91	13.262	13.262	0.000	100	166000	20.0	17.1	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	89	362217	20.0	21.0	
127 p-Diethylbenzene	119	13.409	13.409	-0.001	96	215859	20.0	20.5	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	158395	20.0	18.5	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	99	184415	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	267633	20.0	19.1	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	85	18085	20.0	16.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	120839	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	91011	20.0	18.7	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	82	46686	20.0	19.3	
134 Naphthalene	128	15.092	15.092	0.000	99	177428	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	96	65376	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	

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	41.0	
S 140 Total BTEX	1				0		100.0	111.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 01:01:08 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D

Injection Date: 08-Nov-2023 14:53:01 Instrument ID: CVOAMS15

Lims ID: 460-292076-C-1 MS

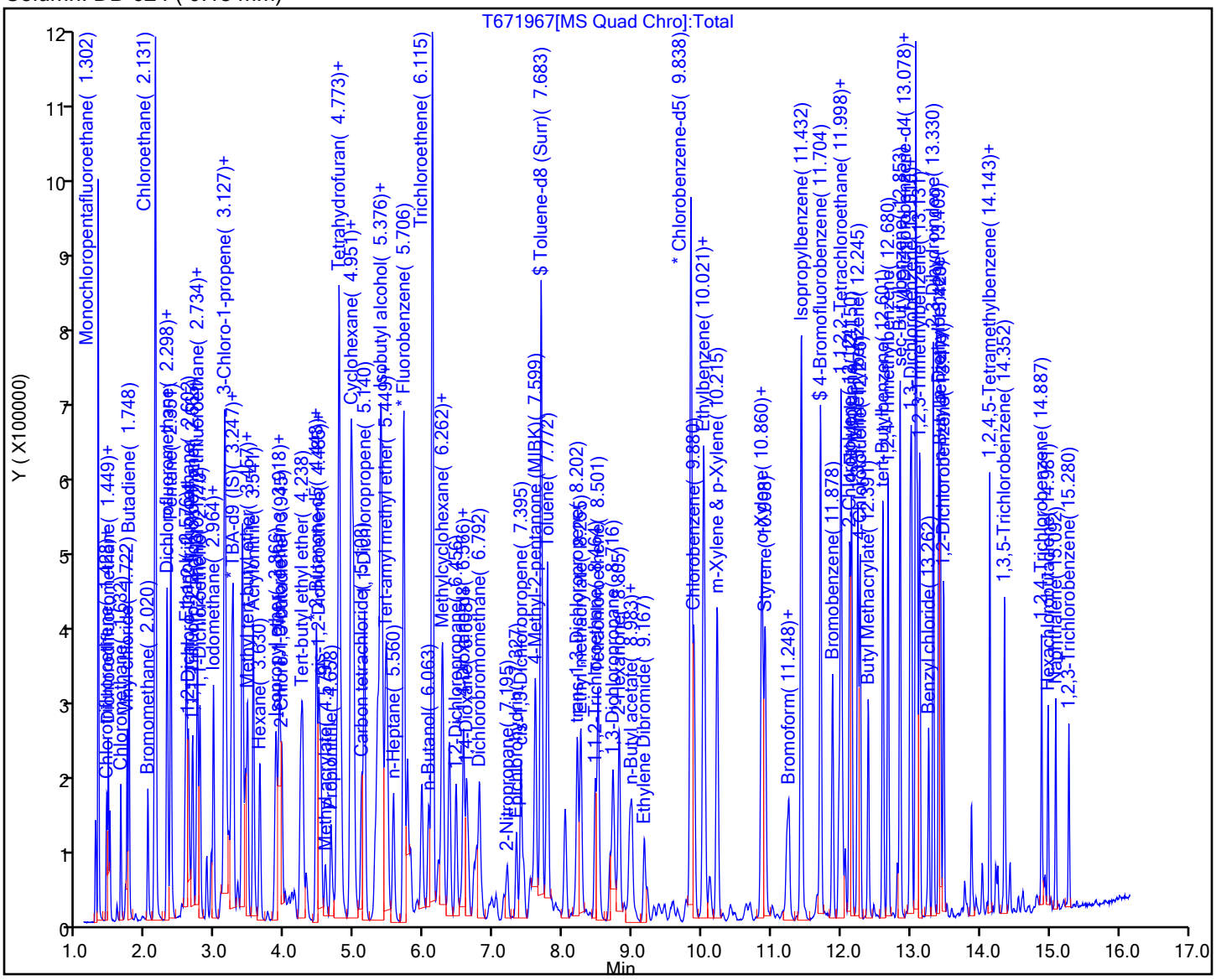
Client ID: NL-MW-3_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D
Lims ID: 460-292076-C-1 MS
Client ID: NL-MW-3_20231107
Sample Type: MS
Inject. Date: 08-Nov-2023 14:53:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MS
Misc. Info.: 460-0168581-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.2	84.36
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.58
$ 83 Toluene-d8 (Surr)	50.0	52.0	104.01
$ 105 4-Bromofluorobenzene	50.0	51.0	102.02

Manual Integration/User Assign Peak Report

Eurofins Edison

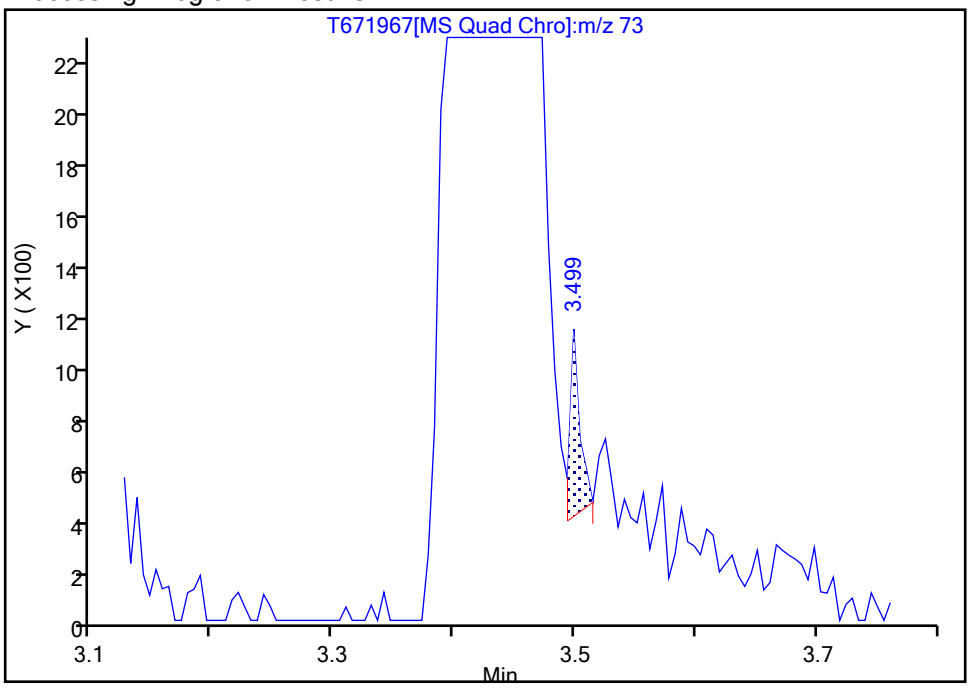
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D				
Injection Date:	08-Nov-2023 14:53:01	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1 MS				
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

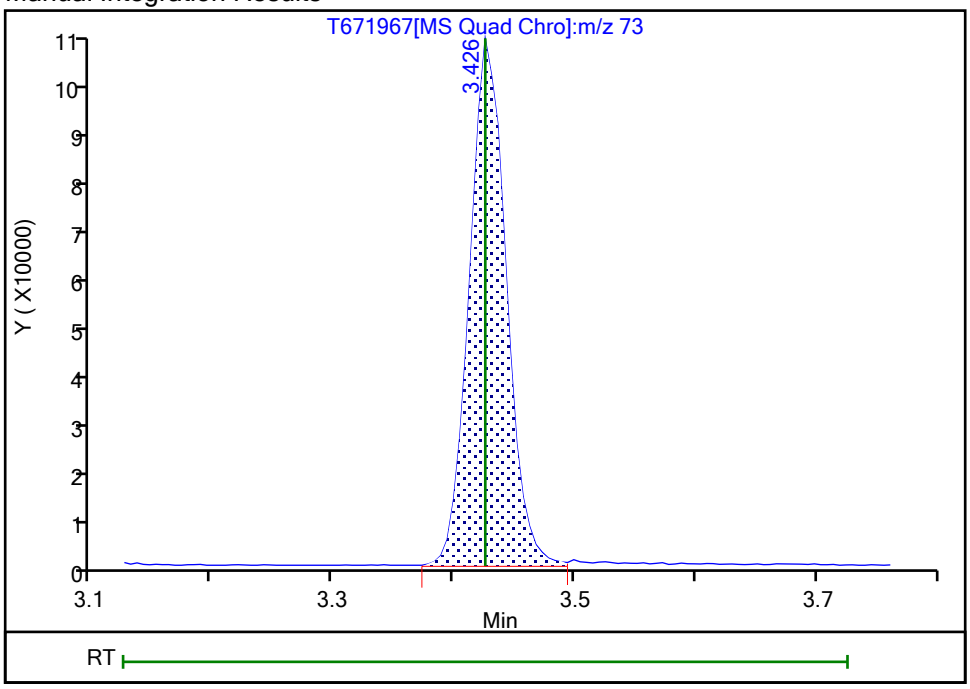
Processing Integration Results

RT: 3.50
Area: 403
Amount: 0.032554
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 222347
Amount: 17.960794
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:00:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MSD | Lab Sample ID: 460-292076-1 MSD

Matrix: Water | Lab File ID: T671968.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 15:15

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	24.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.0	0.38
106-93-4	1,2-Dibromoethane	17.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.21
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.33
78-93-3	2-Butanone	99.1		5.0	1.9
591-78-6	2-Hexanone	88.9		5.0	1.1
108-10-1	4-Methyl-2-pentanone	92.2		5.0	1.3
67-64-1	Acetone	88.4		5.0	4.4
71-43-2	Benzene	27.7		1.0	0.20
75-27-4	Bromodichloromethane	16.3		1.0	0.34
75-25-2	Bromoform	16.9		1.0	0.54
74-83-9	Bromomethane	18.5		1.0	0.55
75-15-0	Carbon disulfide	38.5		1.0	0.82
56-23-5	Carbon tetrachloride	18.5		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	23.0		1.0	0.32
67-66-3	Chloroform	17.5		1.0	0.33
74-87-3	Chloromethane	20.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.22
110-82-7	Cyclohexane	45.0		1.0	0.32
124-48-1	Dibromochloromethane	17.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	19.6		1.0	0.31
100-41-4	Ethylbenzene	20.9		1.0	0.30
76-13-1	Freon TF	20.5		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MSD | Lab Sample ID: 460-292076-1 MSD

Matrix: Water | Lab File ID: T671968.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 15:15

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	32.4		1.0	0.34
108-87-2	Methylcyclohexane	30.2		1.0	0.71
75-09-2	Methylene Chloride	24.9		1.0	0.32
1634-04-4	MTBE	18.6		1.0	0.22
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.22
79-01-6	Trichloroethene	77.5		1.0	0.31
75-69-4	Trichlorofluoromethane	18.8		1.0	0.32
75-01-4	Vinyl chloride	19.8		1.0	0.17
1330-20-7	Xylenes, Total	40.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D
Lims ID: 460-292076-C-1 MSD
Client ID: NL-MW-3_20231107
Sample Type: MSD
Inject. Date: 08-Nov-2023 15:15:35 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MSD
Misc. Info.: 460-0168581-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	27	5934	20.0	23.2	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	87	28362	20.0	23.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	42967	20.0	19.7	
4 Dichlorodifluoromethane	85	1.454	1.454	0.000	99	120048	20.0	19.6	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	14584	20.0	16.9	
6 Chloromethane	50	1.632	1.627	0.005	88	124266	20.0	20.8	
7 Vinyl chloride	62	1.722	1.722	0.000	99	149323	20.0	19.8	
8 Butadiene	54	1.748	1.748	0.000	91	139436	20.0	20.5	
9 Bromomethane	94	2.020	2.021	-0.001	98	87413	20.0	18.5	
10 Chloroethane	64	2.110	2.110	0.000	97	82491	20.0	23.0	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	89	186417	20.0	18.1	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	98	162785	20.0	18.8	
13 Pentane	72	2.351	2.351	0.000	97	41944	40.0	75.0	
14 Ethanol	46	2.508	2.508	0.000	99	16969	800.0	929.8	
15 Ethyl ether	59	2.555	2.555	0.000	90	70231	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	78518	20.0	23.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	93	89357	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	88	139264	20.0	18.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	97417	20.0	20.5	
19 Acrolein	56	2.739	2.739	0.000	57	40568	40.0	55.7	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	92	101031	20.0	24.5	
22 Acetone	43	2.870	2.870	0.000	90	89559	100.0	88.4	
23 Iodomethane	142	2.933	2.933	0.000	99	110271	20.0	18.5	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	32	43333	200.0	208.9	
24 Carbon disulfide	76	2.964	2.964	0.000	98	342871	20.0	38.5	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	89	62904	20.0	23.5	
28 Methyl acetate	43	3.127	3.132	-0.005	88	353250	40.0	129.3	
29 Cyclopentene	67	3.137	3.137	0.000	88	220030	20.0	30.5	
26 Acetonitrile	41	3.184	3.190	-0.006	98	60004	200.0	146.0	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	93	43333	1000.0	1000.0	
30 Methylene Chloride	84	3.253	3.253	0.000	85	133473	20.0	24.9	

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	3.310	3.321	-0.011	98	66786	200.0	179.3	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	97	228245	20.0	18.6	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	87	107439	20.0	22.2	
33 Acrylonitrile	53	3.541	3.541	0.000	97	293740	200.0	198.9	
36 Hexane	57	3.635	3.635	0.000	89	111985	20.0	30.0	
40 Isopropyl ether	45	3.866	3.866	0.000	94	218912	20.0	17.3	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	151083	20.0	18.0	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	41472	40.0	52.4	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	84	88103	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.217	4.223	-0.006	91	211314	20.0	17.7	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	309501	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	72	35909	20.0	17.7	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	92	127017	20.0	21.1	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	46439	100.0	99.1	
47 Ethyl acetate	70	4.516	4.511	0.005	97	16388	40.0	40.9	
48 Methyl acrylate	55	4.574	4.574	0.000	99	62791	20.0	18.1	
46 Propionitrile	54	4.658	4.653	0.005	97	115536	200.0	195.0	
51 Tetrahydrofuran	72	4.742	4.736	0.006	72	21019	40.0	43.1	
49 Chlorobromomethane	128	4.742	4.742	0.000	75	58010	20.0	18.8	
50 Methacrylonitrile	67	4.773	4.773	0.000	84	380767	200.0	196.5	
52 Chloroform	83	4.805	4.805	-0.001	99	164727	20.0	17.5	
55 Cyclohexane	84	4.946	4.941	0.005	89	265021	20.0	45.0	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	82	138794	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	192262	50.0	42.0	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	130353	20.0	18.5	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	93	121755	20.0	19.8	
59 Isobutyl alcohol	43	5.292	5.292	0.000	91	87714	500.0	453.1	
62 Isooctane	57	5.334	5.339	-0.005	87	214359	20.0	22.8	
60 Benzene	78	5.366	5.366	0.000	95	484183	20.0	27.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	91	187352	50.0	46.6	
64 Tert-amyl methyl ether	73	5.449	5.450	-0.001	83	219116	20.0	17.6	
63 Isopropyl acetate	61	5.444	5.450	-0.006	80	36829	20.0	16.5	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	95	92998	20.0	16.5	
66 n-Heptane	43	5.560	5.554	0.006	87	72787	20.0	23.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	745265	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	58	40495	500.0	444.6	
67 Trichloroethene	95	6.115	6.115	0.000	94	409796	20.0	77.5	
70 Methylcyclohexane	83	6.257	6.262	-0.005	94	190440	20.0	30.2	
69 Ethyl acrylate	55	6.267	6.273	-0.006	93	225745	20.0	25.7	
71 1,2-Dichloropropane	63	6.456	6.461	-0.005	92	85568	20.0	17.2	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	3	36450	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	77	43032	40.0	35.2	
74 1,4-Dioxane	88	6.592	6.603	-0.011	54	19715	400.0	388.5	
72 Dibromomethane	93	6.608	6.614	-0.006	88	57961	20.0	16.6	
76 n-Propyl acetate	43	6.640	6.634	0.006	96	78427	20.0	16.3	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	114639	20.0	16.3	
78 2-Nitropropane	41	7.195	7.201	-0.006	93	36699	40.0	40.8	
80 Epichlorohydrin	57	7.326	7.327	-0.001	99	119007	400.0	355.0	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	145318	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	262527	100.0	92.2	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	746701	50.0	51.5	
84 Toluene	91	7.777	7.777	0.000	92	419351	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 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	91	119454	20.0	17.7	
86 Ethyl methacrylate	69	8.254	8.255	-0.001	81	93296	20.0	19.3	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	68507	20.0	18.5	
88 Tetrachloroethene	166	8.506	8.501	0.005	96	121427	20.0	21.3	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	88	128403	20.0	18.9	
90 2-Hexanone	43	8.805	8.805	0.000	92	176944	100.0	88.9	
93 n-Butyl acetate	43	8.957	8.957	0.000	96	87790	20.0	18.0	
91 Chlorodibromomethane	129	8.989	8.989	-0.001	96	95035	20.0	17.4	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	81593	20.0	17.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	580833	50.0	50.0	
95 Chlorobenzene	112	9.885	9.885	0.000	99	275543	20.0	20.1	
97 Ethylbenzene	106	10.021	10.016	0.005	97	153459	20.0	20.9	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	55	94981	20.0	17.4	
98 m-Xylene & p-Xylene	106	10.215	10.216	-0.001	95	177623	20.0	20.6	
99 o-Xylene	106	10.860	10.860	0.000	96	170538	20.0	19.6	
101 n-Butyl acrylate	73	10.871	10.876	-0.005	70	57457	20.0	17.8	
100 Styrene	104	10.907	10.908	-0.001	97	276971	20.0	19.4	
102 Bromoform	173	11.222	11.222	0.000	96	64520	20.0	16.9	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	92572	20.0	17.3	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	684735	20.0	32.4	
$ 105 4-Bromofluorobenzene	174	11.710	11.705	0.005	94	257779	50.0	49.7	
106 Bromobenzene	156	11.877	11.883	-0.006	82	121576	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	90954	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	589232	20.0	24.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	27106	20.0	17.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	15157	20.0	14.9	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	296265	20.0	18.5	
112 4-Ethyltoluene	105	12.155	12.150	0.005	99	403045	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	313713	20.0	19.1	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	291327	20.0	18.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	83	98328	20.0	18.5	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	297879	20.0	20.9	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	322287	20.0	18.7	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	495403	20.0	24.7	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	203541	20.0	18.9	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	336253	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	307506	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	98	205114	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.005	98	334397	20.0	19.7	
124 Benzyl chloride	91	13.262	13.262	0.000	99	165859	20.0	17.5	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	93	353543	20.0	21.1	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	96	211456	20.0	20.6	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	157067	20.0	18.8	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	180017	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	98	262731	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.232	-0.006	88	19177	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	95	122007	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	92523	20.0	19.5	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	81	44463	20.0	18.9	
134 Naphthalene	128	15.091	15.092	-0.001	99	186508	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	68803	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.3	

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	40.2	
S 140 Total BTEX	1				0		100.0	109.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.3	

QC Flag Legend

Processing Flags

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 01:01:53 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D

Injection Date: 08-Nov-2023 15:15:35 Instrument ID: CVOAMS15

Lims ID: 460-292076-C-1 MSD

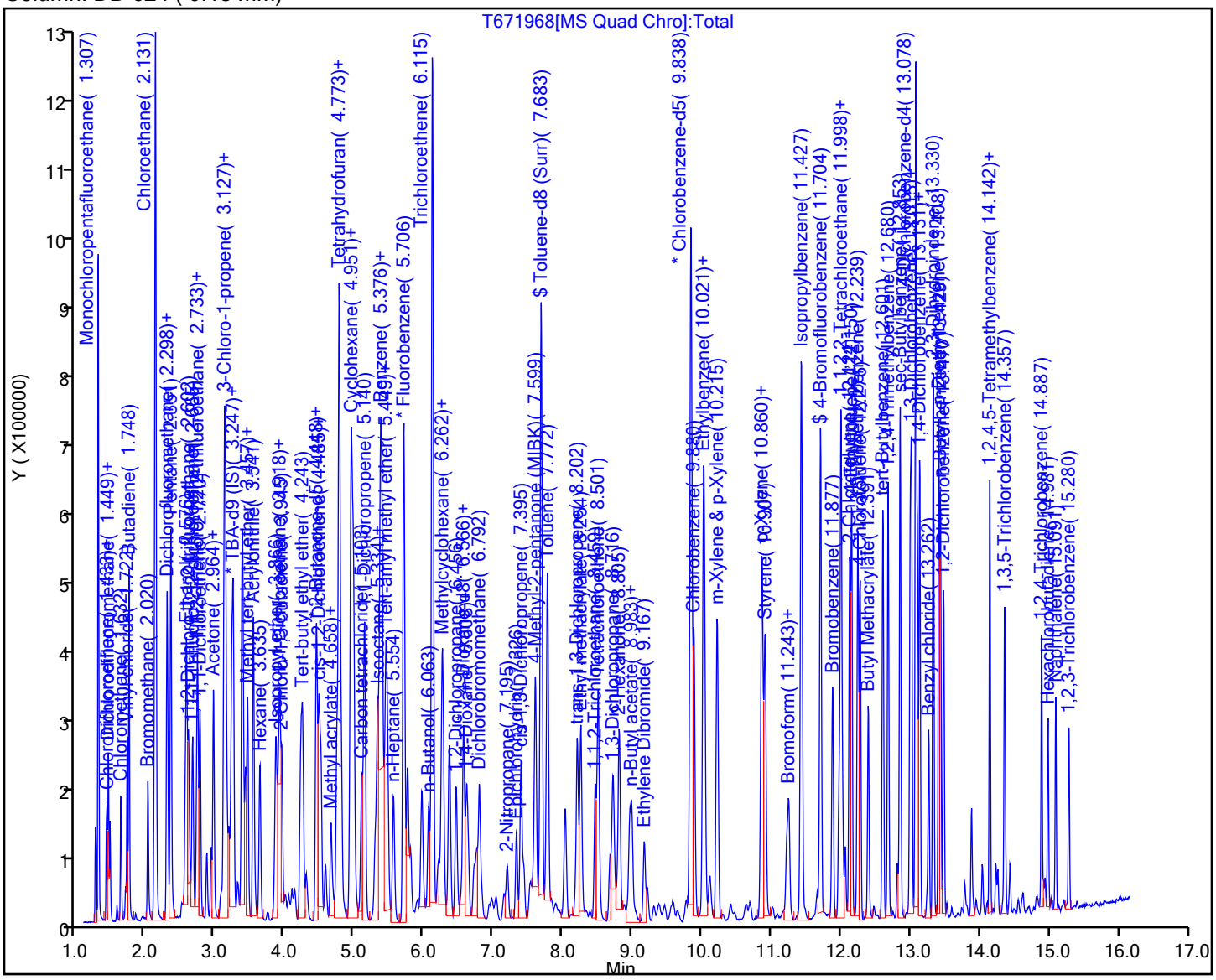
Client ID: NL-MW-3_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D
Lims ID: 460-292076-C-1 MSD
Client ID: NL-MW-3_20231107
Sample Type: MSD
Inject. Date: 08-Nov-2023 15:15:35 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MSD
Misc. Info.: 460-0168581-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.0	84.01
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.28
$ 83 Toluene-d8 (Surr)	50.0	51.5	102.93
$ 105 4-Bromofluorobenzene	50.0	49.7	99.30

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 10/27/2023 10:37

Analysis Batch Number: 940983 End Date: 10/28/2023 01:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-940983/1		10/27/2023 10:37	1	T671306.D	DB-624 0.18(mm)
STD8 460-940983/5 IC		10/27/2023 12:09	1	T671310.D	DB-624 0.18(mm)
STD1 460-940983/7 IC		10/27/2023 12:54	1	T671312.D	DB-624 0.18(mm)
STD5 460-940983/8 IC		10/27/2023 13:17	1	T671313.D	DB-624 0.18(mm)
STD20 460-940983/9 ICIS		10/27/2023 13:40	1	T671314.D	DB-624 0.18(mm)
STD50 460-940983/10 IC		10/27/2023 14:02	1	T671315.D	DB-624 0.18(mm)
STD200 460-940983/11 IC		10/27/2023 14:25	1	T671316.D	DB-624 0.18(mm)
STD500 460-940983/12 IC		10/27/2023 14:48	1	T671317.D	DB-624 0.18(mm)
ZZZZZ		10/27/2023 18:15	1		DB-624 0.18(mm)
ICV 460-940983/1020		10/27/2023 18:15	1	-T671325-ICV.d	DB-624 0.18(mm)
ZZZZZ		10/27/2023 18:38	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 20:28	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 20:51	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:13	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:36	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:59	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 22:21	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 22:44	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:07	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:29	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:52	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:14	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:37	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:59	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 01:22	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 01:45	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 11/08/2023 10:44

Analysis Batch Number: 943343 End Date: 11/08/2023 19:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-943343/4		11/08/2023 10:44	1	T671956.D	DB-624 0.18(mm)
LCS 460-943343/5		11/08/2023 11:06	1	T671957.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 11:29	1		DB-624 0.18(mm)
MB 460-943343/9		11/08/2023 12:37	1	T671961.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:00	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:22	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:45	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 14:07	1		DB-624 0.18(mm)
460-292076-1 MS	NL-MW-3_20231107 MS	11/08/2023 14:53	1	T671967.D	DB-624 0.18(mm)
460-292076-1 MSD	NL-MW-3_20231107 MSD	11/08/2023 15:15	1	T671968.D	DB-624 0.18(mm)
460-292076-4	NL-TB-01_20231107	11/08/2023 16:23	1	T671971.D	DB-624 0.18(mm)
460-292076-3	NL-FB-01_20231107	11/08/2023 16:46	1	T671972.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 17:08	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 17:31	1		DB-624 0.18(mm)
460-292076-1	NL-MW-3_20231107	11/08/2023 17:53	1	T671975.D	DB-624 0.18(mm)
460-292076-2	NL-MW-Dup_20231107	11/08/2023 18:16	1	T671976.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 19:01	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00162	524FREONS 00009	7 Freons Hi 00007	7 Freons SS 00007
BFB 460-940983/1		8260D		5 mL	5 mL				
STD8 460-940983/5 IC		8260D		5 mL	5 mL				
STD1 460-940983/7 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-940983/8 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-940983/9 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-940983/10 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-940983/11 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-940983/12 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-940983/1020		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260MIX1COMB 00177	ACROLEIN SP 00158	ACROLEIN W 00161	ACRY/EPIH MIX 00118	BFB 00034
BFB 460-940983/1		8260D							1 uL
STD8 460-940983/5 IC		8260D						20 uL	
STD1 460-940983/7 IC		8260D			10 uL		4 uL		
STD5 460-940983/8 IC		8260D			10 uL		4 uL		
STD20 460-940983/9 ICIS		8260D			20 uL		4 uL		
STD50 460-940983/10 IC		8260D			50 uL		10 uL		
STD200 460-940983/11 IC		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.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260MIX1COMB 00177	ACROLEIN SP 00158	ACROLEIN W 00161	ACRY/EPIH MIX 00118	BFB 00034
STD500 460-940983/12 IC		8260D					40 uL		
ICV 460-940983/1020		8260D		20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00082	EthhexAcr_SS 00004	EthyhexAcr_Hi 00004	EthyhexAcr_Li 00005	GAS C SP 00538	GAS Hi 00454
BFB 460-940983/1		8260D							
STD8 460-940983/5 IC		8260D							
STD1 460-940983/7 IC		8260D					10 uL		
STD5 460-940983/8 IC		8260D					10 uL		
STD20 460-940983/9 ICIS		8260D					20 uL		
STD50 460-940983/10 IC		8260D					50 uL		
STD200 460-940983/11 IC		8260D		20 uL		20 uL			20 uL
STD500 460-940983/12 IC		8260D		50 uL		50 uL			50 uL
ICV 460-940983/1020		8260D			20 uL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041	VOA6IS/SURR 00068	
BFB 460-940983/1		8260D							
STD8 460-940983/5 IC		8260D		2.5 uL			2 uL	5 uL	
STD1 460-940983/7 IC		8260D		10 uL				5 uL	
STD5 460-940983/8 IC		8260D		10 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.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041	VOA6IS/SURR 00068	
STD20 460-940983/9 ICIS		8260D		20 uL				5 uL	
STD50 460-940983/10 IC		8260D		50 uL				5 uL	
STD200 460-940983/11 IC		8260D			20 uL	20 uL		5 uL	
STD500 460-940983/12 IC		8260D			50 uL	50 uL		5 uL	
ICV 460-940983/1020		8260D						5 uL	

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.: 460-292076-1

SDG No.:

Batch Number: 943343 Batch Start Date: 11/08/23 10:44 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00010	8260MIX1COMB 00178	ACROLEIN W 00161
CCVIS 460-943343/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-943343/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-943343/9		8260D		5 mL	5 mL				
460-292076-C-1 MS	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-292076-C-1 MSD	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-292076-B-4	NL-TB-01_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-B-3	NL-FB-01_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-C-1	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-C-2	NL-MW-Dup_20231107	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00556	VOA6IS/SURR 00068				
CCVIS 460-943343/4		8260D		20 uL	5 uL				
LCS 460-943343/5		8260D		20 uL	5 uL				
MB 460-943343/9		8260D			5 uL				
460-292076-C-1 MS	NL-MW-3_20231107	8260D	T	20 uL	5 uL				
460-292076-C-1 MSD	NL-MW-3_20231107	8260D	T	20 uL	5 uL				
460-292076-B-4	NL-TB-01_20231107	8260D	T		5 uL				
460-292076-B-3	NL-FB-01_20231107	8260D	T		5 uL				
460-292076-C-1	NL-MW-3_20231107	8260D	T		5 uL				
460-292076-C-2	NL-MW-Dup_20231107	8260D	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.: 460-292076-1

SDG No.:

Batch Number: 943343 Batch Start Date: 11/08/23 10:44 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

698969

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Dustin Kapson	Site Contact: C. Bearden	Date: 11/07/23	COC No:
Company Name: AKRF	Tel/Email: dkapson@akrf.com	Lab Contact: M. Haas	Carrier:	1 of 1 COCs
Address: 440 Park Ave S	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 336-226-9330	TAT if different from Below: Standard TAT			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: 3200 Jerome Ave				Job / SDG No. 297076
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 VOC 8260	Sample Specific Notes:
NL-MW-3_20231107	11/07/23	10:35	G	GW	9		X	X	1
NL-MW-DUP_20231107	↓	10:45	↓	↓	3			X	2
NL-FB-01_20231107		11:00		FB	2			X	3
NL-TB-01_20231107	↓	—	↓	TB	2			X	4

460-292076 Chain of Custody

ELAP 27

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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.

AKRF EQuIS EDDS, Cat B Lab to report project specific compound list

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No. 1067013		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: Clare Bearden	Company: AKRF	Date/Time: 11/7/23	Received by:	Company: ETA	Date/Time: 11-7-23 1145
Relinquished by:	Company: ETA 1700	Date/Time:	Received by:	Company: ETA	Date/Time: 11/7/23 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

0.7/0.8°C R29

11/10/2023 2:16 PM

Job Number: 292076 A1KRF

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.7 °C	0.8 °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 _____ Date: 11-7-23

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-292076-1

Login Number: 292076
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
November 07, 2023
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-292076-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

Ms. Marcela Sanchez/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.
Ms. Claire Bearden/AKRF, Inc.

December 05, 2023

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
November 2023 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
- 1.2 System Monitoring Compound (Surrogate) Recovery
- 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)
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Field Duplicates
- 1.10 Target Compound List Identification
- 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. 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 November 07, 2023. 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-3_20231107 [Plus, MS/MSD]	460-292076-1	Volatiles by 8260D	11/07/2023
NL-NW-Dup_20231107 [Field Duplicate of NL-MW-3_20231107]	460-292076-2	Volatiles by 8260D	11/07/2023
NL-FB-01_20231107	460-292076-3	Volatiles by 8260D	11/07/2023
NL-TB-01_20231107	460-292076-4	Volatiles by 8260D	11/07/2023

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 November 07, 2023. 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 (0.8 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 excel spreadsheet and 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.

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_20231107 as required. Carbon Disulfide (190%/193%) recovered above laboratory limits in the MS and MSD. Data was not qualified based on MS/MSD recovery where the compound was not detected in the parent sample. Elevated recovery does not support any potential loss of detection and/or result bias. RPD was acceptable for all spiked compounds.

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 was analyzed. Carbon Disulfide (182%) recovered above limits. Data was not qualified based on this reported outlier by the laboratory.

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 analytes were detected in NL-FB-01_20231107.
C) **Trip Blank Contamination:**
No target analytes were detected in NL-TB-01_20231107.

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 except for Carbon Disulfide (84.7%) 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 (-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_20231107 was selected for Field Duplicate analysis (NL-MW-Dup_20231107). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20231107	NL-MW-Dup_20231107
Benzene	6.7 ug/L	6.5 ug/L
Chloroform	0.61 ug/L	0.68 ug/L
Cis-1,2-Dichloroethene	2.1 ug/L	2.4 ug/L
Cyclohexane	25 ug/L	26 ug/L
Ethylbenzene	1.5 ug/L	1.5 ug/L
Isopropylbenzene	14 ug/L	15 ug/L
Methylcyclohexane	7.6 ug/L	8.7 ug/L
MTBE	0.81 ug/L	0.89 ug/L
Trans-1,2-Dichloroethene	0.98 ug/L	0.91 ug/L
Trichloroethene	60 ug/L	70 ug/L
Vinyl Chloride	0.19 ug/L	0.18 ug/L

No qualifiers are required based on field duplicate data.

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. Bluz **Date** 12/05/2023

Appendix A
Chain of Custody Document
and Sample Receipt Checklist

Chain of Custody Record

698969

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Dustin Kapson	Site Contact: C. Bearden	Date: 11/07/23	COC No: 1 of 1 COCs
Company Name: AKRF	Tel/Email: dkapson@akrf.com	Lab Contact: M. Haas	Carrier:	Sampler:
Address: 440 Park Ave S	Analysis Turnaround Time			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: NY NY	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 336-266-9330	TAT if different from Below: Standard TAT			Job / SDG No. 297076
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Project Name: 3200 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 VOC 8260	Sample Specific Notes:
NL-MW-3_20231107	11/07/23	10:35	G	GW	9		X	X	1
NL-MW-DUP_20231107	↓	10:45	↓	↓	3			X	2
NL-FB-01_20231107		11:00		FB	2			X	3
NL-TB-01_20231107	↓	—	↓	TB	2			X	4

460-292076 Chain of Custody

ELMS ORD 272

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.
AKRF EQuIS EDDS, Cat B Lab to report project specific compound list

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. 1067013 | Cooler Temp. (°C): Obs'd. _____ Corr'd: _____ Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Claire Bearden	AKRF	11/7/23		ETA	11-7-23 1145
	ETA	1700		EETA	11/7/23 1700
	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:

0.7/0.8°C R29

11/10/2023 2:16 PM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-292076-1

Login Number: 292076
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, Bronx

Report Number: 460-292076-1

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 11/7/2023 5:00 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 was 0.8° 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-3_20231107 (460-292076-1), NL-MW-Dup_20231107 (460-292076-2), NL-FB-01_20231107 (460-292076-3) and NL-TB-01_20231107 (460-292076-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/08/2023.

The continuing calibration verification (CCV) associated with batch 460-943343 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-943343 recovered outside control limit for Carbon disulfide. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon disulfide failed the recovery criteria high for the MS of sample NL-MW-3_20231107MS (460-292076-1) in batch 460-943343.

Carbon disulfide failed the recovery criteria high for the MSD of sample NL-MW-3_20231107MSD (460-292076-1) in batch 460-943343.

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.

for 12/5/2023

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

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	6.7		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 → UJ	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	0.61	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	25		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

JGL 12/15/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	7.6		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.98	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	60		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.19	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)	90		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

For 12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water NL-MW-3_20231107 | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

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	6.5		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 → UJ	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	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	26		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water NL-MW-3_20231107 | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	8.7		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.89	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	70		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.18	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)	91		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

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~~ J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	90		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

12/8/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

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 *(J)	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
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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)	91		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

for 12/5/2023

APPENDIX D

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

Inspector Name(s):	C. Bearden & M. Sanchez	**Date:**	11/7/2023
Time IN:	11:17 AM	**Time OUT:**	1:10 PM

General

Weather:	Temperature (°F):	Barometric Pressure:	Ambient Air PID (ppm):
Sunny	61	29.58 in. Hg	background = ND, basment = ND, 1st Floor = ND

When was the last rain event? **Tuesday November 7, 2023 (4:00 AM)**

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): **66°F**	T-102; Post-Blower Temperature(°F): **78°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): **17.535"**	Vaccum Loss Across Blower (inches H_2O): **0.465"** Notable Change since last inspection?: **No (0.035")**	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]	-1.250	0.030	40	0.0	2
SSDS-6	Basement Manifold [1]	-1.907	0.075	63	0.0	2
SSDS-5	Basement Manifold [1]	-1.470	0.170	95	0.0	2
SSDS-4	Basement Manifold [1]	-1.745	0.030	40	0.0	2-3
SSDS-3	Basement Manifold [1]	-2.105	0.055	54	0.0	2-3
SSDS-2	Basement Manifold [1]	-1.981	0.030	40	0.0	2
SSDS-1	Basement Manifold [1]	-1.674	0.040	46	0.0	2
SVE-1	Basement Manifold [1]	-18.000	0.005	16	1.8	8
SSDS-7	Basement Manifold [1]	-2.594	0.005	16	0.0	2
Ambient Air in Basement	Basement	NA	NA	NA	0.0	NA
Pre-Blower (Combined)	Basement	-18.00	NA	NA	0.0	NA
Post-Blower (Stack) (Combined)	Basement	0.104	NA	NA	0.0	NA
MP-1	First Floor [2]	-1.218	NA	NA	0.0	NA
MP-2	First Floor [2]	-0.198	NA	NA	0.0	NA
MP-3	First Floor [2]	-0.034	NA	NA	0.0	NA
MP-4	First Floor [2]	-0.047	NA	NA	0.0	NA

Comments: Vacuum ranges recorded during this inspection were slightly above the anticipated range.

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 11/07/2023 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
February 20, 2024
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-298659-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

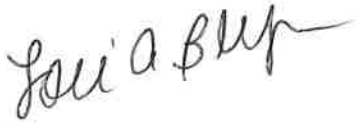
Ms. Marcela Sanchez/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.
Ms. Claire Bearden/AKRF, Inc.

March 09, 2024

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



(516) 523-7891; email LABValidation@aol.com

3200 Jerome Avenue, Bronx, New York – Groundwater Sampling
February 2024 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

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Data Qualifier Definitions
Sample Receipt

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- 1.2 System Monitoring Compound (Surrogate) Recovery
- 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)
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Field Duplicates
- 1.10 Target Compound List Identification
- 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. 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 February 20, 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-1E_20240220	460-298659-1	Volatiles by 8260D	02/20/2024
NL-MW-2E_20240220	460-298659-2	Volatiles by 8260D	02/20/2024
NL-MW-3_20240220 [Plus, MS/MSD]	460-298659-3	Volatiles by 8260D	02/20/2024
NL-MW-Dup_20240220 [Field Duplicate of NL-MW-3_20240220]	460-298659-4	Volatiles by 8260D	02/20/2024
NL-MW-TB-01_20240220	460-298659-5	Volatiles by 8260D	02/20/2024
NL-MW-FB-01_20240220	460-298659-6	Volatiles by 8260D	02/20/2024

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 February 20, 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 (1.5 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.

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_20240220 as required. Cyclohexane (51%/53%) recovered below laboratory limits. The detected concentration in the parent (39 ug/L) and field duplicate from this location – NL-MW-Dup_20240220 (32 ug/L) has been qualified, "J" estimated. RPD was for Bromomethane (39%) was above limits of 30%. Based on professional judgment, the data was not qualified based on this reported outlier by the laboratory.

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 was 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:**

Chloromethane (0.75 ug/L) was detected in NL-FB-01_20240220. This target compound was not detected in field samples. Reported results are not impacted.

C) **Trip Blank Contamination:**

No target analytes were detected in NL-TB-01_20240220.

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_20240220 was selected for Field Duplicate analysis (NL-MW-Dup_20240220). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20240220	NL-MW-Dup_20240220
Benzene	6.0 ug/L	6.1 ug/L
Chloroform	1.0 ug/L	1.0 ug/L
Cis-1,2-Dichloroethene	2.4 ug/L	2.4 ug/L
Cyclohexane	30 ug/L	32 ug/L
Ethylbenzene	2.3 ug/L	2.4 ug/L
Isopropylbenzene	14 ug/L	15 ug/L
Methylcyclohexane	13 ug/L	15 ug/L
MTBE	0.85 ug/L	0.81 ug/L
Trans-1,2-Dichloroethene	0.71 ug/L	0.77 ug/L
Trichloroethene	85 ug/L	92 ug/L
Vinyl Chloride	0.70 ug/L	0.75 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. Bly **Date** 03/09/2024

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: C. Bearden	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No:
Client Contact: Dustin Kapson/Mark Jepson	Phone: 336-266-9330	E-Mail: melissa.haas@testamericainc.com		Page: Page 1 of 1
Company: AKRF Inc				Job #: 11455
Address: 440 Park Avenue South 7th Floor	Due Date Requested:		Analysis Requested	Preservation Codes: A HCL, B NaOH, C Zn Acetate, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
City: New York	TAT Requested (days): Standard TAT			
State, Zip: NY 10016				
Phone:	PO #:			
Email: dkapson@akrf.com	WO #:			
Project Name: 3200 Jerome	Project #: 11455			
Site: 3200 Jerome Ave Bronx, NY	SSOW#:			

460-298659 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCL VOC 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N N N N N N N N N		298659
NL-MW-1E_20240220	2/20/24	0910	G	GW			X	3	-1
NL-MW-2E_20240220		1012					X		-2
NL-MW-3_20240220		1106				X	X		-3
NL-MW-Dup_20240220		1200					X		-4
~~NL-MW-FB-20240220~~ (MS/MSD) 2/20/24									-
NL-MW-TB-01_20240220				TB			X		NL-MW-TB-01_20240220 -5
NL-MW-FB-01_20240220	↓	1110	↓	FB			X		-6

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify): NY Cat B + Equis

Special Instructions/QC Requirements:
Lab to report project specific compound list

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Marcela Sanchez	2/20/24	AKRF	ETA	2-20-24 1300	ETA
Relinquished by:	Date/Time: 2-20 24 1780	Company ETA	Received by:	Date/Time: 2/20/24 1800	Company
Relinquished by:	Date/Time: 2/21/24 20000	Company	Received by:	Date/Time: 2/21/24 0900	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		1.1/1.5 TR01

Ver 01/16/2019

ORD 272

2/27/2024 9:41:16 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-298659-1

Login Number: 298659
List Number: 1
Creator: Lysy, Susan

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 B
Case Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-298659-1

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 2/20/2024 8:00 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 was 1.5° C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No container totals recorded on the COC for samples 3 through 6.

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_20240220 (460-298659-1), NL-MW-2E_20240220 (460-298659-2), NL-MW-3_20240220 (460-298659-3), NL-MW-Dup_20240220 (460-298659-4), NL-MW-TB-01_20240220 (460-298659-5) and NL-MW-FB-01_20240220 (460-298659-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/26/2024.

The continuing calibration verification (CCV) analyzed in batch 460-961143 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. <40b/0.

Cyclohexane failed the recovery criteria low for the MS of sample NL-MW-3_20240220MS (460-298659-3) in batch 460-961143.

Cyclohexane failed the recovery criteria low for the MSD of sample NL-MW-3_20240220MSD (460-298659-3) in batch 460-961143. Bromomethane exceeded the RPD limit.

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.

for 3/6/2024

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

JDL 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	7.4		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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

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	0.29	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	0.26	J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

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9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	1.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	5.9		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.51	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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

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	6.0		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	30	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
100-41-4	Ethylbenzene	2.3		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	13		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.85	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	0.71	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	85		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	0.70	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

JDP 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water NL-MW-3_20240220 | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

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	6.1		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	32	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
100-41-4	Ethylbenzene	2.4		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 3/6/2024

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water NL-MW-3_20240220 | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	15		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.77	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	92		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	J	1.0	0.17
1330-20-7	Xylenes, Total	0.75	J	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	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

for 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

for 3/8/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

Rpt 3/6/2024

2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

for 3/8/2024

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
November 07, 2023
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-292076-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

Ms. Marcela Sanchez/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.
Ms. Claire Bearden/AKRF, Inc.

December 05, 2023

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
November 2023 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

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Sample Receipt

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- 1.5 Blank Contamination
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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 November 07, 2023. 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-3_20231107 [Plus, MS/MSD]	460-292076-1	Volatiles by 8260D	11/07/2023
NL-NW-Dup_20231107 [Field Duplicate of NL-MW-3_20231107]	460-292076-2	Volatiles by 8260D	11/07/2023
NL-FB-01_20231107	460-292076-3	Volatiles by 8260D	11/07/2023
NL-TB-01_20231107	460-292076-4	Volatiles by 8260D	11/07/2023

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 November 07, 2023. 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 (0.8 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 excel spreadsheet and 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.

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_20231107 as required. Carbon Disulfide (190%/193%) recovered above laboratory limits in the MS and MSD. Data was not qualified based on MS/MSD recovery where the compound was not detected in the parent sample. Elevated recovery does not support any potential loss of detection and/or result bias. RPD was acceptable for all spiked compounds.

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 was analyzed. Carbon Disulfide (182%) recovered above limits. Data was not qualified based on this reported outlier by the laboratory.

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 analytes were detected in NL-FB-01_20231107.
C) **Trip Blank Contamination:**
No target analytes were detected in NL-TB-01_20231107.

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 except for Carbon Disulfide (84.7%) 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 (-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_20231107 was selected for Field Duplicate analysis (NL-MW-Dup_20231107). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20231107	NL-MW-Dup_20231107
Benzene	6.7 ug/L	6.5 ug/L
Chloroform	0.61 ug/L	0.68 ug/L
Cis-1,2-Dichloroethene	2.1 ug/L	2.4 ug/L
Cyclohexane	25 ug/L	26 ug/L
Ethylbenzene	1.5 ug/L	1.5 ug/L
Isopropylbenzene	14 ug/L	15 ug/L
Methylcyclohexane	7.6 ug/L	8.7 ug/L
MTBE	0.81 ug/L	0.89 ug/L
Trans-1,2-Dichloroethene	0.98 ug/L	0.91 ug/L
Trichloroethene	60 ug/L	70 ug/L
Vinyl Chloride	0.19 ug/L	0.18 ug/L

No qualifiers are required based on field duplicate data.

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. Bluz **Date** 12/05/2023

Appendix A
Chain of Custody Document
and Sample Receipt Checklist

Chain of Custody Record

698969

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Dustin Kapson	Site Contact: C. Bearden	Date: 11/07/23	COC No: 1 of 1 COCs
Company Name: AKRF	Tel/Email: dkapson@akrf.com	Lab Contact: M. Haas	Carrier:	Sampler:
Address: 440 Park Ave S	Analysis Turnaround Time			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: NY NY	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 336-266-9330	TAT if different from Below: Standard TAT			Job / SDG No. 297076
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Project Name: 3200 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 VOC 8260	Sample Specific Notes:
NL-MW-3_20231107	11/07/23	10:35	G	GW	9		X	X	1
NL-MW-DUP_20231107	↓	10:45	↓	↓	3			X	2
NL-FB-01_20231107		11:00		FB	2			X	3
NL-TB-01_20231107	↓	—	↓	TB	2			X	4

460-292076 Chain of Custody

ELMS ORD 272

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.
AKRF EQuIS EDDS, Cat B Lab to report project specific compound list

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. 1067013 | Cooler Temp. (°C): Obs'd. _____ Corr'd: _____ Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Claire Bearden	AKRF	11/7/23		ETA	11-7-23 1145
	ETA	1700		ETA	11/7/23 1700
	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:

0.7/0.8°C R29

2:16 PM
11/10/2023

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-292076-1

Login Number: 292076
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, Bronx

Report Number: 460-292076-1

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 11/7/2023 5:00 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 was 0.8° 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-3_20231107 (460-292076-1), NL-MW-Dup_20231107 (460-292076-2), NL-FB-01_20231107 (460-292076-3) and NL-TB-01_20231107 (460-292076-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/08/2023.

The continuing calibration verification (CCV) associated with batch 460-943343 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-943343 recovered outside control limit for Carbon disulfide. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon disulfide failed the recovery criteria high for the MS of sample NL-MW-3_20231107MS (460-292076-1) in batch 460-943343.

Carbon disulfide failed the recovery criteria high for the MSD of sample NL-MW-3_20231107MSD (460-292076-1) in batch 460-943343.

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.

for 12/5/2023

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

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	6.7		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 → UJ	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	0.61	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	25		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

JGL 12/15/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	7.6		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.98	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	60		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.19	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)	90		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

For 12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water NL-MW-3_20231107 | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

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	6.5		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 → UJ	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	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	26		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water NL-MW-3_20231107 | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	8.7		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.89	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	70		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.18	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)	91		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

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~~ J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	90		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

12/8/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

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 *(J)	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	91		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

for 12/5/2023

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-3**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	C. Bearden, M. Sanchez		
Date:	11/7/2023	**Sampling Time:**	10:35 AM		
PID at surface:	ND				
Total Depth:	22.98 ft. below top of casing	**Water Column (WC):**	4.98 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.00 ft. below top of casing	**Well Volume*:**	0.81 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2 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)
9:52	18.00	100	17.38	3.261	1.88	7.21	183.1	228.9	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20231107" collected.
9:57	18.20	100	17.04	3.237	1.38	7.26	140.0	125.5	
10:02	18.41	100	16.89	3.250	0.98	7.27	85.4	87.9	
10:07	18.59	100	16.83	3.258	0.89	7.26	67.4	63.3	
10:12	18.72	100	16.89	3.249	0.63	7.29	63.7	91.0	
10:17	18.89	100	17.00	3.238	0.57	7.30	59.8	50.0	
10:25	19.03	100	17.02	3.237	0.41	7.29	41.4	21.6	
10:30	19.10	100	17.02	3.238	0.41	7.27	34.6	15.6	
10:35	19.15	100	17.02	3.242	0.37	7.26	31.6	17.1	
Sampling									
10:48	19.20	100	17.00	3.258	0.29	7.23	29.0	13.6	
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_20231107 analyzed for: TCL VOCs by EPA Method 8260.

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	C. Bearden, M. Sanchez		**MW-1E**
Date:	2/20/2024	**Sampling Time:**	09:10 AM		
PID at surface:	ND				
Total Depth:	30.85 ft. below top of casing	**Water Column (WC):**	10.55 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	20.30 ft. below top of casing	**Well Volume*:**	1.72 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2.5 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:	28.00 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)
8:30	20.30	100	14.00	3.084	7.92	6.87	192..6	90.20	No odor or sheen observed.
8:35	20.30	100	14.30	3.086	7.82	6.86	203.0	45.37	
8:40	20.30	100	14.40	3.065	7.68	6.89	214.6	47.31	
8:45	20.30	100	14.30	3.025	7.41	6.91	223.1	46.78	
8:50	20.30	100	14.50	3.002	7.22	6.91	229.0	41.76	
8:55	20.30	100	14.20	2.960	7.00	6.91	236.4	40.23	
9:00	20.30	100	14.40	2.927	6.75	6.91	241.8	33.16	
9:05	20.30	100	14.40	2.898	6.63	6.91	245.8	29.20	
9:10	20.30	100	14.30	2.920	6.45	6.91	249.8	26.69	
9:10	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-1E_20240220 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:**	C. Bearden, M. Sanchez		
Date:	2/20/2024	**Sampling Time:**	10:12 AM		
PID at surface:	ND				
Total Depth:	24.15 ft. below top of casing	**Water Column (WC):**	3.31 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	20.84 ft. below top of casing	**Well Volume*:**	0.54 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2.5 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:	23.00 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)
9:30	20.00	100	13.10	0.714	5.79	8.99	164.2	303.00	No odor or sheen observed.
9:35	20.00	100	13.60	0.712	5.74	9.04	159.6	274.00	
9:40	20.00	100	14.10	0.719	5.40	8.96	172.6	170.00	
9:45	20.00	100	14.10	0.751	5.18	8.88	187.5	82.30	
9:50	20.00	100	14.30	0.777	4.67	8.82	191.8	51.53	
9:55	20.00	100	14.10	0.842	4.28	8.80	195.4	36.53	
10:00	20.00	100	14.20	0.892	4.15	8.75	182.2	31.59	
10:05	20.00	100	14.10	0.922	3.95	8.70	176.5	39.25	
10:10	20.00	100	14.10	0.943	3.90	8.68	174.4	34.92	
10:12	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_20240220 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:**	C. Bearden, M. Sanchez		
Date:	2/20/2024	**Sampling Time:**	11:06 AM		
PID at surface:	ND				
Total Depth:	22.90 ft. below top of casing	**Water Column (WC):**	4.37 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.53 ft. below top of casing	**Well Volume*:**	0.71 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2 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):**	QED Sample Pro Bladder Pump		
Approx. Pump Intake:	21.00 ft. below top of casing				

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)
10:30	18.53	100	16.60	3.617	2.17	7.01	220.4	83.31	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20240220" collected.
10:35	18.53	100	16.90	3.603	2.05	7.08	154.7	76.54	
10:40	18.53	100	17.00	3.589	1.09	7.12	74.2	29.00	
10:45	18.53	100	17.00	3.575	0.90	7.14	55.4	28.89	
10:50	18.53	100	17.00	3.566	0.91	7.16	44.8	20.56	
10:55	18.53	100	17.00	3.561	0.38	7.16	40.9	22.83	
11:00	18.53	100	17.20	3.561	0.22	7.20	35.6	23.42	
11:05	18.53	100	17.20	3.564	0.22	7.20	31.7	22.70	
11:06	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-3_20240220 analyzed for: TCL VOCs by EPA Method 8260.

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
November 07, 2023
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-292076-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

Ms. Marcela Sanchez/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.
Ms. Claire Bearden/AKRF, Inc.

December 05, 2023

PREPARED BY:

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3200 Jerome Avenue, Bronx, New York – Groundwater Sampling
November 2023 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

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APPENDICES:
A. Chain of Custody Document and Sample Receipt Checklist
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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 November 07, 2023. 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-3_20231107 [Plus, MS/MSD]	460-292076-1	Volatiles by 8260D	11/07/2023
NL-NW-Dup_20231107 [Field Duplicate of NL-MW-3_20231107]	460-292076-2	Volatiles by 8260D	11/07/2023
NL-FB-01_20231107	460-292076-3	Volatiles by 8260D	11/07/2023
NL-TB-01_20231107	460-292076-4	Volatiles by 8260D	11/07/2023

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 November 07, 2023. 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 (0.8 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 excel spreadsheet and 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.

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_20231107 as required. Carbon Disulfide (190%/193%) recovered above laboratory limits in the MS and MSD. Data was not qualified based on MS/MSD recovery where the compound was not detected in the parent sample. Elevated recovery does not support any potential loss of detection and/or result bias. RPD was acceptable for all spiked compounds.

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 was analyzed. Carbon Disulfide (182%) recovered above limits. Data was not qualified based on this reported outlier by the laboratory.

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 analytes were detected in NL-FB-01_20231107.
C) **Trip Blank Contamination:**
No target analytes were detected in NL-TB-01_20231107.

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 except for Carbon Disulfide (84.7%) 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 (-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_20231107 was selected for Field Duplicate analysis (NL-MW-Dup_20231107). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20231107	NL-MW-Dup_20231107
Benzene	6.7 ug/L	6.5 ug/L
Chloroform	0.61 ug/L	0.68 ug/L
Cis-1,2-Dichloroethene	2.1 ug/L	2.4 ug/L
Cyclohexane	25 ug/L	26 ug/L
Ethylbenzene	1.5 ug/L	1.5 ug/L
Isopropylbenzene	14 ug/L	15 ug/L
Methylcyclohexane	7.6 ug/L	8.7 ug/L
MTBE	0.81 ug/L	0.89 ug/L
Trans-1,2-Dichloroethene	0.98 ug/L	0.91 ug/L
Trichloroethene	60 ug/L	70 ug/L
Vinyl Chloride	0.19 ug/L	0.18 ug/L

No qualifiers are required based on field duplicate data.

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. Bluz **Date** 12/05/2023

Appendix A
Chain of Custody Document
and Sample Receipt Checklist

Chain of Custody Record

698969

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Dustin Kapson	Site Contact: C. Bearden	Date: 11/07/23	COC No: 1 of 1 COCs
Company Name: AKRF	Tel/Email: dkapson@akrf.com	Lab Contact: M. Haas	Carrier:	Sampler:
Address: 440 Park Ave S	Analysis Turnaround Time			For Lab Use Only: Walk-in Client: Lab Sampling:
City/State/Zip: NY NY	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 336-266-9330	TAT if different from Below: Standard TAT			Job / SDG No. 297076
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Project Name: 3200 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 VOC 8260	Sample Specific Notes:
NL-MW-3_20231107	11/07/23	10:35	G	GW	9		X	X	1
NL-MW-DUP_20231107	↓	10:45	↓	↓	3			X	2
NL-FB-01_20231107		11:00		FB	2			X	3
NL-TB-01_20231107	↓	—	↓	TB	2			X	4

460-292076 Chain of Custody

ELMS ORD 272

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.
AKRF EQuIS EDDS, Cat B Lab to report project specific compound list

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. 1067013 | Cooler Temp. (°C): Obs'd. _____ Corr'd: _____ Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Claire Bearden	AKRF	11/7/23		ETA	11-7-23 1145
	ETA	1700		EETA	11/7/23 1700
	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:

0.7/0.8°C R29

11/10/2023 2:16 PM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-292076-1

Login Number: 292076
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, Bronx

Report Number: 460-292076-1

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 11/7/2023 5:00 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 was 0.8° 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-3_20231107 (460-292076-1), NL-MW-Dup_20231107 (460-292076-2), NL-FB-01_20231107 (460-292076-3) and NL-TB-01_20231107 (460-292076-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/08/2023.

The continuing calibration verification (CCV) associated with batch 460-943343 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-943343 recovered outside control limit for Carbon disulfide. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon disulfide failed the recovery criteria high for the MS of sample NL-MW-3_20231107MS (460-292076-1) in batch 460-943343.

Carbon disulfide failed the recovery criteria high for the MSD of sample NL-MW-3_20231107MSD (460-292076-1) in batch 460-943343.

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.

for 12/5/2023

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

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	6.7		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 → UJ	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	0.61	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	25		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

JGL 12/15/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	7.6		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.98	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	60		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.19	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)	90		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

For 12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water NL-MW-3_20231107 | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

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	6.5		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 → UJ	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	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	26		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water NL-MW-3_20231107 | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	8.7		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.89	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	70		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.18	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)	91		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

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~~ J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 12/5/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	90		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

12/8/2023

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

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 *(J)	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	91		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

for 12/5/2023

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 20, 2024
From 3200 Jerome Avenue, Bronx, New York
Collected by AKRF, Inc.
Project No. 11455

SAMPLE DELIVERY GROUP NUMBER:
460-298659-1
By Eurofins TestAmerica, Edison (ELAP #11452)

SUBMITTED TO:

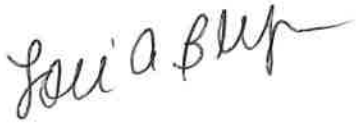
Ms. Marcela Sanchez/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson /AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.
Ms. Claire Bearden/AKRF, Inc.

March 09, 2024

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



(516) 523-7891; email LABValidation@aol.com

3200 Jerome Avenue, Bronx, New York – Groundwater Sampling
February 2024 Sampling Event
Data Usability Summary Report (Data Validation): Volatile Organics.

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- 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 February 20, 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-1E_20240220	460-298659-1	Volatiles by 8260D	02/20/2024
NL-MW-2E_20240220	460-298659-2	Volatiles by 8260D	02/20/2024
NL-MW-3_20240220 [Plus, MS/MSD]	460-298659-3	Volatiles by 8260D	02/20/2024
NL-MW-Dup_20240220 [Field Duplicate of NL-MW-3_20240220]	460-298659-4	Volatiles by 8260D	02/20/2024
NL-MW-TB-01_20240220	460-298659-5	Volatiles by 8260D	02/20/2024
NL-MW-FB-01_20240220	460-298659-6	Volatiles by 8260D	02/20/2024

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 February 20, 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 (1.5 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.

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_20240220 as required. Cyclohexane (51%/53%) recovered below laboratory limits. The detected concentration in the parent (39 ug/L) and field duplicate from this location – NL-MW-Dup_20240220 (32 ug/L) has been qualified, "J" estimated. RPD was for Bromomethane (39%) was above limits of 30%. Based on professional judgment, the data was not qualified based on this reported outlier by the laboratory.

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 was 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:**

Chloromethane (0.75 ug/L) was detected in NL-FB-01_20240220. This target compound was not detected in field samples. Reported results are not impacted.

C) **Trip Blank Contamination:**

No target analytes were detected in NL-TB-01_20240220.

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_20240220 was selected for Field Duplicate analysis (NL-MW-Dup_20240220). Acceptable precision was observed for all detected analytes in ug/L as summarized below:

Analyte	NL-MW-3_20240220	NL-MW-Dup_20240220
Benzene	6.0 ug/L	6.1 ug/L
Chloroform	1.0 ug/L	1.0 ug/L
Cis-1,2-Dichloroethene	2.4 ug/L	2.4 ug/L
Cyclohexane	30 ug/L	32 ug/L
Ethylbenzene	2.3 ug/L	2.4 ug/L
Isopropylbenzene	14 ug/L	15 ug/L
Methylcyclohexane	13 ug/L	15 ug/L
MTBE	0.85 ug/L	0.81 ug/L
Trans-1,2-Dichloroethene	0.71 ug/L	0.77 ug/L
Trichloroethene	85 ug/L	92 ug/L
Vinyl Chloride	0.70 ug/L	0.75 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. Bly **Date** 03/09/2024

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: C. Bearden	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No:
Client Contact: Dustin Kapson/Mark Jepson	Phone: 336-266-9330	E-Mail: melissa.haas@testamericainc.com		Page: Page 1 of 1
Company: AKRF Inc				Job #: 11455
Address: 440 Park Avenue South 7th Floor	Due Date Requested:		Analysis Requested	Preservation Codes: A HCL, B NaOH, C Zn Acetate, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
City: New York	TAT Requested (days): Standard TAT			
State, Zip: NY 10016				
Phone:	PO #:			
Email: dkapson@akrf.com	WO #:			
Project Name: 3200 Jerome	Project #: 11455			
Site: 3200 Jerome Ave Bronx, NY	SSOW#:			

460-298659 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCL VOC 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N N N N N N N N N		298659
NL-MW-1E_20240220	2/20/24	0910	G	GW			X	3	-1
NL-MW-2E_20240220		1012					X		-2
NL-MW-3_20240220		1106				X	X		-3
NL-MW-Dup_20240220		1200					X		-4
~~NL-MW-FB-20240220~~ (MS/MSD) 2/20/24									-
NL-MW-TB-01_20240220				TB			X		NL-MW-TB-01_20240220 -5
NL-MW-FB-01_20240220	↓	1110	↓	FB			X		-6

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify): NY Cat B + Equis

Special Instructions/QC Requirements:
Lab to report project specific compound list

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Marcela Sanchez	2/20/24	AKRF	ETA	2-20-24 1300	ETA
Relinquished by:	Date/Time: 2-20 24 1780	Company ETA	Received by:	Date/Time: 2/20/24 1800	Company
Relinquished by:	Date/Time: 2/21/24 20000	Company	Received by:	Date/Time: 2/21/24 0900	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		1.1/1.5 TR01

Ver 01/16/2019

ORD 272

2/27/2024 9:41:16 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-298659-1

Login Number: 298659
List Number: 1
Creator: Lysy, Susan

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 B
Case Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-298659-1

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 2/20/2024 8:00 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 was 1.5° C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No container totals recorded on the COC for samples 3 through 6.

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_20240220 (460-298659-1), NL-MW-2E_20240220 (460-298659-2), NL-MW-3_20240220 (460-298659-3), NL-MW-Dup_20240220 (460-298659-4), NL-MW-TB-01_20240220 (460-298659-5) and NL-MW-FB-01_20240220 (460-298659-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/26/2024.

The continuing calibration verification (CCV) analyzed in batch 460-961143 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. <40b/0.

Cyclohexane failed the recovery criteria low for the MS of sample NL-MW-3_20240220MS (460-298659-3) in batch 460-961143.

Cyclohexane failed the recovery criteria low for the MSD of sample NL-MW-3_20240220MSD (460-298659-3) in batch 460-961143. Bromomethane exceeded the RPD limit.

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.

for 3/6/2024

Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

JDL 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	7.4		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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

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	0.29	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	0.26	J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

3/6/2024

2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	1.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	5.9		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.51	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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

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	6.0		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	30	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
100-41-4	Ethylbenzene	2.3		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	13		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.85	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	0.71	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	85		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	0.70	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

JDP 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water NL-MW-3_20240220 | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

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	6.1		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	32	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
100-41-4	Ethylbenzene	2.4		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 3/6/2024

2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water NL-MW-3_20240220 | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	15		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.77	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	92		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	J	1.0	0.17
1330-20-7	Xylenes, Total	0.75	J	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	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

for 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

for 3/6/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

for 3/8/2024

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

Rpt 3/6/2024

2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

for 3/8/2024

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/10/2023 2:16 PM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-292076-1

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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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-292076-1

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 11/7/2023 5:00 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 was 0.8º 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-3_20231107 (460-292076-1), NL-MW-Dup_20231107 (460-292076-2), NL-FB-01_20231107 (460-292076-3) and NL-TB-01_20231107 (460-292076-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/08/2023.

The continuing calibration verification (CCV) associated with batch 460-943343 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-943343 recovered outside control limit for Carbon disulfide. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon disulfide failed the recovery criteria high for the MS of sample NL-MW-3_20231107MS (460-292076-1) in batch 460-943343.

Carbon disulfide failed the recovery criteria high for the MSD of sample NL-MW-3_20231107MSD (460-292076-1) in batch 460-943343.

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: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-292076-1	NL-MW-3_20231107	Water	11/07/23 10:35	11/07/23 17:00
460-292076-2	NL-MW-Dup_20231107	Water	11/07/23 10:45	11/07/23 17:00
460-292076-3	NL-FB-01_20231107	Water	11/07/23 11:00	11/07/23 17:00
460-292076-4	NL-TB-01_20231107	Water	11/07/23 00:00	11/07/23 17:00

Detection Summary

Client: AKRF Inc
Job ID: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-3_20231107 — Lab Sample ID: 460-292076-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.7		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.61	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	25		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	14		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	7.6		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.81	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.98	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	60		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.19	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-Dup_20231107 — Lab Sample ID: 460-292076-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.5		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.68	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	26		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	15		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	8.7		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.89	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	70		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.18	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-FB-01_20231107 — Lab Sample ID: 460-292076-3

No Detections.

Client Sample ID: NL-TB-01_20231107 — Lab Sample ID: 460-292076-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-292076-1
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-3_20231107
Lab Sample ID: 460-292076-1

Date Collected: 11/07/23 10:35
Matrix: Water

Date Received: 11/07/23 17:00

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			11/08/23 17:53	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 17:53	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 17:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 17:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 17:53	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 17:53	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 17:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 17:53	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 17:53	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 17:53	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 17:53	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 17:53	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 17:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 17:53	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 17:53	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 17:53	1
Benzene	**6.7**		1.0	0.20	ug/L			11/08/23 17:53	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 17:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 17:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 17:53	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 17:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 17:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
Chloroform	**0.61**	**J**	1.0	0.33	ug/L			11/08/23 17:53	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 17:53	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.22	ug/L			11/08/23 17:53	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 17:53	1
Cyclohexane	**25**		1.0	0.32	ug/L			11/08/23 17:53	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 17:53	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 17:53	1
Ethylbenzene	**1.5**		1.0	0.30	ug/L			11/08/23 17:53	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 17:53	1
Isopropylbenzene	**14**		1.0	0.34	ug/L			11/08/23 17:53	1
Methylcyclohexane	**7.6**		1.0	0.71	ug/L			11/08/23 17:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
MTBE	**0.81**	**J**	1.0	0.22	ug/L			11/08/23 17:53	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 17:53	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 17:53	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
trans-1,2-Dichloroethene	**0.98**	**J**	1.0	0.24	ug/L			11/08/23 17:53	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 17:53	1
Trichloroethene	**60**		1.0	0.31	ug/L			11/08/23 17:53	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
Vinyl chloride	**0.19**	**J**	1.0	0.17	ug/L			11/08/23 17:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*11/08/23 17:53*	*1*

Client Sample ID: NL-MW-3_20231107
Lab Sample ID: 460-292076-1

Date Collected: 11/07/23 10:35
Matrix: Water
Date Received: 11/07/23 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	102		76 - 120		11/08/23 17:53	1
Dibromofluoromethane (Surr)	84		77 - 132		11/08/23 17:53	1
Toluene-d8 (Surr)	105		80 - 120		11/08/23 17:53	1

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2

Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 18:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 18:16	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 18:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 18:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 18:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 18:16	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 18:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 18:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 18:16	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 18:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 18:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 18:16	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 18:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 18:16	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 18:16	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 18:16	1
Benzene	**6.5**		1.0	0.20	ug/L			11/08/23 18:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 18:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 18:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 18:16	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 18:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 18:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
Chloroform	**0.68**	**J**	1.0	0.33	ug/L			11/08/23 18:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 18:16	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			11/08/23 18:16	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 18:16	1
Cyclohexane	**26**		1.0	0.32	ug/L			11/08/23 18:16	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 18:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 18:16	1
Ethylbenzene	**1.5**		1.0	0.30	ug/L			11/08/23 18:16	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 18:16	1
Isopropylbenzene	**15**		1.0	0.34	ug/L			11/08/23 18:16	1
Methylcyclohexane	**8.7**		1.0	0.71	ug/L			11/08/23 18:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
MTBE	**0.89**	**J**	1.0	0.22	ug/L			11/08/23 18:16	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 18:16	1

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2

Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 18:16	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			11/08/23 18:16	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 18:16	1
Trichloroethene	**70**		1.0	0.31	ug/L			11/08/23 18:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
Vinyl chloride	**0.18**	**J**	1.0	0.17	ug/L			11/08/23 18:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/08/23 18:16*	*1*
Bromofluorobenzene	*101*		*76 - 120*		*11/08/23 18:16*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*11/08/23 18:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/08/23 18:16*	*1*

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3

Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:46	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 16:46	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 16:46	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 16:46	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 16:46	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 16:46	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 16:46	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 16:46	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 16:46	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 16:46	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 16:46	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 16:46	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 16:46	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 16:46	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 16:46	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 16:46	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 16:46	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 16:46	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 16:46	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 16:46	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 16:46	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 16:46	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3

Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:46	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 16:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 16:46	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 16:46	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 16:46	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 16:46	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 16:46	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 16:46	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*11/08/23 16:46*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*11/08/23 16:46*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*11/08/23 16:46*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/08/23 16:46*	*1*

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4

Date Collected: 11/07/23 00:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 16:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 16:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 16:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 16:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 16:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 16:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 16:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 16:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 16:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 16:23	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 16:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 16:23	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 16:23	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 16:23	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 16:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4

Date Collected: 11/07/23 00:00
Matrix: Water

Date Received: 11/07/23 17:00

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			11/08/23 16:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 16:23	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 16:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 16:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 16:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 16:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 16:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 16:23	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 16:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 16:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 16:23	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 16:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 16:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/08/23 16:23*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*11/08/23 16:23*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*11/08/23 16:23*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/08/23 16:23*	*1*

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-292076-1

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)
460-292076-1	NL-MW-3_20231107	90	102	84	105
460-292076-1 MS	NL-MW-3_20231107	91	102	84	104
460-292076-1 MSD	NL-MW-3_20231107	93	99	84	103
460-292076-2	NL-MW-Dup_20231107	91	101	84	104
460-292076-3	NL-FB-01_20231107	90	99	86	105
460-292076-4	NL-TB-01_20231107	91	99	86	105
LCS 460-943343/5	Lab Control Sample	92	100	85	105
MB 460-943343/9	Method Blank	89	101	88	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 460-943343/9
Matrix: Water
Analysis Batch: 943343

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			11/08/23 12:37	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 12:37	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 12:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 12:37	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 12:37	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 12:37	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 12:37	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 12:37	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 12:37	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 12:37	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 12:37	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 12:37	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 12:37	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 12:37	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 12:37	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 12:37	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 12:37	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 12:37	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/08/23 12:37	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 12:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 12:37	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 12:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 12:37	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 12:37	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 12:37	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 12:37	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 12:37	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 12:37	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 12:37	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 12:37	1

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

Lab Sample ID: MB 460-943343/9
Matrix: Water
Analysis Batch: 943343

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 128		11/08/23 12:37	1
Bromofluorobenzene	101		76 - 120		11/08/23 12:37	1
Dibromofluoromethane (Surr)	88		77 - 132		11/08/23 12:37	1
Toluene-d8 (Surr)	105		80 - 120		11/08/23 12:37	1

Lab Sample ID: LCS 460-943343/5
Matrix: Water
Analysis Batch: 943343

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	17.8		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	18.4		ug/L		92	73 - 130
1,1-Dichloroethene	20.0	22.8		ug/L		114	68 - 133
1,2,4-Trichlorobenzene	20.0	19.4		ug/L		97	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/L		86	58 - 132
1,2-Dibromoethane	20.0	17.9		ug/L		90	79 - 126
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
1,2-Dichloroethane	20.0	16.6		ug/L		83	66 - 129
1,2-Dichloropropane	20.0	17.8		ug/L		89	68 - 128
1,3-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
2-Butanone	100	94.2		ug/L		94	61 - 142
2-Hexanone	100	85.3		ug/L		85	61 - 134
4-Methyl-2-pentanone	100	86.7		ug/L		87	69 - 139
Acetone	100	84.7		ug/L		85	49 - 149
Benzene	20.0	21.9		ug/L		109	71 - 126
Bromodichloromethane	20.0	15.9		ug/L		79	76 - 121
Bromoform	20.0	17.8		ug/L		89	58 - 136
Bromomethane	20.0	21.0		ug/L		105	10 - 120
Carbon disulfide	20.0	36.4	*	ug/L		182	68 - 138
Carbon tetrachloride	20.0	18.4		ug/L		92	65 - 142
Chlorobenzene	20.0	19.8		ug/L		99	80 - 120
Chloroethane	20.0	20.4		ug/L		102	48 - 150
Chloroform	20.0	16.7		ug/L		84	78 - 125
Chloromethane	20.0	21.1		ug/L		106	43 - 140
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 125
Cyclohexane	20.0	24.8		ug/L		124	60 - 142
Dibromochloromethane	20.0	18.1		ug/L		90	69 - 130
Dichlorodifluoromethane	20.0	20.8		ug/L		104	27 - 120
Ethylbenzene	20.0	19.5		ug/L		98	78 - 120
Freon TF	20.0	19.7		ug/L		99	51 - 142
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125
Methylcyclohexane	20.0	23.8		ug/L		119	49 - 149
Methylene Chloride	20.0	20.4		ug/L		102	74 - 127
MTBE	20.0	17.3		ug/L		86	72 - 131

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

Lab Sample ID: LCS 460-943343/5
Matrix: Water
Analysis Batch: 943343

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	19.7		ug/L		98	82 - 127
Tetrachloroethene	20.0	20.8		ug/L		104	70 - 127
Toluene	20.0	20.8		ug/L		104	78 - 120
trans-1,2-Dichloroethene	20.0	21.6		ug/L		108	74 - 126
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	66 - 127
Trichloroethene	20.0	18.3		ug/L		91	51 - 121
Trichlorofluoromethane	20.0	18.2		ug/L		91	50 - 120
Vinyl chloride	20.0	20.1		ug/L		100	55 - 144
Xylenes, Total	40.0	39.8		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-292076-1 MS
Matrix: Water
Analysis Batch: 943343

Client Sample ID: NL-MW-3_20231107
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	17.7		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.2		ug/L		86	63 - 139
1,1,2-Trichloroethane	0.20	U	20.0	18.7		ug/L		94	74 - 125
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130
1,1-Dichloroethene	0.26	U	20.0	23.9		ug/L		120	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	18.7		ug/L		93	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.1		ug/L		81	58 - 132
1,2-Dibromoethane	0.50	U	20.0	18.0		ug/L		90	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	18.9		ug/L		95	80 - 120
1,2-Dichloroethane	0.43	U	20.0	16.5		ug/L		82	66 - 129
1,2-Dichloropropane	0.35	U	20.0	17.5		ug/L		88	68 - 128
1,3-Dichlorobenzene	0.34	U	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	19.2		ug/L		96	80 - 120
2-Butanone	1.9	U	100	97.4		ug/L		97	61 - 142
2-Hexanone	1.1	U	100	90.4		ug/L		90	61 - 134
4-Methyl-2-pentanone	1.3	U	100	93.6		ug/L		94	69 - 139
Acetone	4.4	U	100	87.0		ug/L		87	49 - 149
Benzene	6.7		20.0	27.8		ug/L		105	71 - 126
Bromodichloromethane	0.34	U	20.0	16.6		ug/L		83	76 - 121
Bromoform	0.54	U	20.0	17.0		ug/L		85	58 - 136
Bromomethane	0.55	U	20.0	17.1		ug/L		85	10 - 120
Carbon disulfide	0.82	U *	20.0	37.9	*	ug/L		190	68 - 138
Carbon tetrachloride	0.21	U	20.0	18.3		ug/L		92	65 - 142
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120
Chloroethane	0.32	U	20.0	24.5		ug/L		122	48 - 150
Chloroform	0.61	J	20.0	17.1		ug/L		83	78 - 125
Chloromethane	0.40	U	20.0	21.6		ug/L		108	43 - 140

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

Lab Sample ID: 460-292076-1 MS | **Client Sample ID: NL-MW-3_20231107**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 943343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	2.1		20.0	20.8		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	18.8		ug/L		94	74 - 125
Cyclohexane	25		20.0	46.3		ug/L		105	60 - 142
Dibromochloromethane	0.28	U	20.0	17.8		ug/L		89	69 - 130
Dichlorodifluoromethane	0.31	U	20.0	20.8		ug/L		104	27 - 120
Ethylbenzene	1.5		20.0	21.1		ug/L		98	78 - 120
Freon TF	0.31	U	20.0	20.4		ug/L		102	51 - 142
Isopropylbenzene	14		20.0	33.0		ug/L		93	79 - 125
Methylcyclohexane	7.6		20.0	30.0		ug/L		112	49 - 149
Methylene Chloride	0.32	U	20.0	24.7		ug/L		123	74 - 127
MTBE	0.81	J	20.0	18.0		ug/L		86	72 - 131
Styrene	0.42	U	20.0	19.8		ug/L		99	82 - 127
Tetrachloroethene	0.25	U	20.0	21.3		ug/L		107	70 - 127
Toluene	0.38	U	20.0	21.2		ug/L		106	78 - 120
trans-1,2-Dichloroethene	0.98	J	20.0	22.0		ug/L		105	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	18.1		ug/L		91	66 - 127
Trichloroethene	60		20.0	76.0		ug/L		78	51 - 121
Trichlorofluoromethane	0.32	U	20.0	18.6		ug/L		93	50 - 120
Vinyl chloride	0.19	J	20.0	20.5		ug/L		102	55 - 144
Xylenes, Total	0.65	U	40.0	41.0		ug/L		103	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-292076-1 MSD | **Client Sample ID: NL-MW-3_20231107**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 943343

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	17.8		ug/L		89	72 - 128	0	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	18.2		ug/L		91	63 - 139	6	30
1,1,2-Trichloroethane	0.20	U	20.0	18.5		ug/L		93	74 - 125	1	30
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130	0	30
1,1-Dichloroethene	0.26	U	20.0	24.5		ug/L		123	68 - 133	2	30
1,2,4-Trichlorobenzene	0.37	U	20.0	19.5		ug/L		98	67 - 132	4	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	17.5		ug/L		88	58 - 132	8	30
1,2-Dibromoethane	0.50	U	20.0	17.9		ug/L		90	79 - 126	0	30
1,2-Dichlorobenzene	0.21	U	20.0	19.0		ug/L		95	80 - 120	0	30
1,2-Dichloroethane	0.43	U	20.0	16.5		ug/L		83	66 - 129	0	30
1,2-Dichloropropane	0.35	U	20.0	17.2		ug/L		86	68 - 128	2	30
1,3-Dichlorobenzene	0.34	U	20.0	18.9		ug/L		94	80 - 120	1	30
1,4-Dichlorobenzene	0.33	U	20.0	19.0		ug/L		95	80 - 120	1	30
2-Butanone	1.9	U	100	99.1		ug/L		99	61 - 142	2	30
2-Hexanone	1.1	U	100	88.9		ug/L		89	61 - 134	2	30
4-Methyl-2-pentanone	1.3	U	100	92.2		ug/L		92	69 - 139	1	30

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

Lab Sample ID: 460-292076-1 MSD
Client Sample ID: NL-MW-3_20231107
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 943343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	88.4		ug/L		88	49 - 149	2	30
Benzene	6.7		20.0	27.7		ug/L		105	71 - 126	0	30
Bromodichloromethane	0.34	U	20.0	16.3		ug/L		81	76 - 121	2	30
Bromoform	0.54	U	20.0	16.9		ug/L		84	58 - 136	1	30
Bromomethane	0.55	U	20.0	18.5		ug/L		93	10 - 120	8	30
Carbon disulfide	0.82	U *	20.0	38.5	*	ug/L		193	68 - 138	2	30
Carbon tetrachloride	0.21	U	20.0	18.5		ug/L		92	65 - 142	1	30
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120	0	30
Chloroethane	0.32	U	20.0	23.0		ug/L		115	48 - 150	6	30
Chloroform	0.61	J	20.0	17.5		ug/L		84	78 - 125	2	30
Chloromethane	0.40	U	20.0	20.8		ug/L		104	43 - 140	4	30
cis-1,2-Dichloroethene	2.1		20.0	21.1		ug/L		95	78 - 121	2	30
cis-1,3-Dichloropropene	0.22	U	20.0	18.7		ug/L		93	74 - 125	1	30
Cyclohexane	25		20.0	45.0		ug/L		98	60 - 142	3	30
Dibromochloromethane	0.28	U	20.0	17.4		ug/L		87	69 - 130	2	30
Dichlorodifluoromethane	0.31	U	20.0	19.6		ug/L		98	27 - 120	6	30
Ethylbenzene	1.5		20.0	20.9		ug/L		97	78 - 120	1	30
Freon TF	0.31	U	20.0	20.5		ug/L		102	51 - 142	1	30
Isopropylbenzene	14		20.0	32.4		ug/L		90	79 - 125	2	30
Methylcyclohexane	7.6		20.0	30.2		ug/L		113	49 - 149	0	30
Methylene Chloride	0.32	U	20.0	24.9		ug/L		125	74 - 127	1	30
MTBE	0.81	J	20.0	18.6		ug/L		89	72 - 131	4	30
Styrene	0.42	U	20.0	19.4		ug/L		97	82 - 127	2	30
Tetrachloroethene	0.25	U	20.0	21.3		ug/L		106	70 - 127	0	30
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 120	1	30
trans-1,2-Dichloroethene	0.98	J	20.0	22.2		ug/L		106	74 - 126	1	30
trans-1,3-Dichloropropene	0.22	U	20.0	17.7		ug/L		88	66 - 127	2	30
Trichloroethene	60		20.0	77.5		ug/L		86	51 - 121	2	30
Trichlorofluoromethane	0.32	U	20.0	18.8		ug/L		94	50 - 120	1	30
Vinyl chloride	0.19	J	20.0	19.8		ug/L		98	55 - 144	4	30
Xylenes, Total	0.65	U	40.0	40.2		ug/L		101	80 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	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: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 943343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292076-1	NL-MW-3_20231107	Total/NA	Water	8260D	
460-292076-2	NL-MW-Dup_20231107	Total/NA	Water	8260D	
460-292076-3	NL-FB-01_20231107	Total/NA	Water	8260D	
460-292076-4	NL-TB-01_20231107	Total/NA	Water	8260D	
MB 460-943343/9	Method Blank	Total/NA	Water	8260D	
LCS 460-943343/5	Lab Control Sample	Total/NA	Water	8260D	
460-292076-1 MS	NL-MW-3_20231107	Total/NA	Water	8260D	
460-292076-1 MSD	NL-MW-3_20231107	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-3_20231107
Lab Sample ID: 460-292076-1
Date Collected: 11/07/23 10:35
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 17:53

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2
Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 18:16

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3
Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 16:46

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4
Date Collected: 11/07/23 00:00
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 16:23

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: 460-292076-1
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	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292076-1

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-3_20231107	460-292076-1	84	90	105	102
NL-MW-Dup_20231107	460-292076-2	84	91	104	101
NL-FB-01_20231107	460-292076-3	86	90	105	99
NL-TB-01_20231107	460-292076-4	86	91	105	99
	MB 460-943343/9	88	89	105	101
	LCS 460-943343/5	85	92	105	100
NL-MW-3_20231107 MS	460-292076-1 MS	84	91	104	102
NL-MW-3_20231107 MSD	460-292076-1 MSD	84	93	103	99

	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671957.D

Lab ID: LCS 460-943343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.8	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	63-139	
1,1,2-Trichloroethane	20.0	18.6	93	74-125	
1,1-Dichloroethane	20.0	18.4	92	73-130	
1,1-Dichloroethene	20.0	22.8	114	68-133	
1,2,4-Trichlorobenzene	20.0	19.4	97	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	58-132	
1,2-Dibromoethane	20.0	17.9	90	79-126	
1,2-Dichlorobenzene	20.0	18.6	93	80-120	
1,2-Dichloroethane	20.0	16.6	83	66-129	
1,2-Dichloropropane	20.0	17.8	89	68-128	
1,3-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	80-120	
2-Butanone	100	94.2	94	61-142	
2-Hexanone	100	85.3	85	61-134	
4-Methyl-2-pentanone	100	86.7	87	69-139	
Acetone	100	84.7	85	49-149	
Benzene	20.0	21.9	109	71-126	
Bromodichloromethane	20.0	15.9	79	76-121	
Bromoform	20.0	17.8	89	58-136	
Bromomethane	20.0	21.0	105	10-120	
Carbon disulfide	20.0	36.4	182	68-138	*
Carbon tetrachloride	20.0	18.4	92	65-142	
Chlorobenzene	20.0	19.8	99	80-120	
Chloroethane	20.0	20.4	102	48-150	
Chloroform	20.0	16.7	84	78-125	
Chloromethane	20.0	21.1	106	43-140	
cis-1,2-Dichloroethene	20.0	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	19.6	98	74-125	
Cyclohexane	20.0	24.8	124	60-142	
Dibromochloromethane	20.0	18.1	90	69-130	
Dichlorodifluoromethane	20.0	20.8	104	27-120	
Ethylbenzene	20.0	19.5	98	78-120	
Freon TF	20.0	19.7	99	51-142	
Isopropylbenzene	20.0	19.6	98	79-125	
Methylcyclohexane	20.0	23.8	119	49-149	
Methylene Chloride	20.0	20.4	102	74-127	
MTBE	20.0	17.3	86	72-131	
Styrene	20.0	19.7	98	82-127	
Tetrachloroethene	20.0	20.8	104	70-127	
Toluene	20.0	20.8	104	78-120	
trans-1,2-Dichloroethene	20.0	21.6	108	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671957.D

Lab ID: LCS 460-943343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	18.6	93	66-127	
Trichloroethene	20.0	18.3	91	51-121	
Trichlorofluoromethane	20.0	18.2	91	50-120	
Vinyl chloride	20.0	20.1	100	55-144	
Xylenes, Total	40.0	39.8	100	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671967.D

Lab ID: 460-292076-1 MS Client ID: NL-MW-3_20231107 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	17.7	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	17.2	86	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	18.7	94	74-125	
1,1-Dichloroethane	20.0	0.26 U	18.0	90	73-130	
1,1-Dichloroethene	20.0	0.26 U	23.9	120	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	18.7	93	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	16.1	81	58-132	
1,2-Dibromoethane	20.0	0.50 U	18.0	90	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	18.9	95	80-120	
1,2-Dichloroethane	20.0	0.43 U	16.5	82	66-129	
1,2-Dichloropropane	20.0	0.35 U	17.5	88	68-128	
1,3-Dichlorobenzene	20.0	0.34 U	19.0	95	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	19.2	96	80-120	
2-Butanone	100	1.9 U	97.4	97	61-142	
2-Hexanone	100	1.1 U	90.4	90	61-134	
4-Methyl-2-pentanone	100	1.3 U	93.6	94	69-139	
Acetone	100	4.4 U	87.0	87	49-149	
Benzene	20.0	6.7	27.8	105	71-126	
Bromodichloromethane	20.0	0.34 U	16.6	83	76-121	
Bromoform	20.0	0.54 U	17.0	85	58-136	
Bromomethane	20.0	0.55 U	17.1	85	10-120	
Carbon disulfide	20.0	0.82 U	37.9	190	68-138	*
Carbon tetrachloride	20.0	0.21 U	18.3	92	65-142	
Chlorobenzene	20.0	0.38 U	20.1	101	80-120	
Chloroethane	20.0	0.32 U	24.5	122	48-150	
Chloroform	20.0	0.61 J	17.1	83	78-125	
Chloromethane	20.0	0.40 U	21.6	108	43-140	
cis-1,2-Dichloroethene	20.0	2.1	20.8	93	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	18.8	94	74-125	
Cyclohexane	20.0	25	46.3	105	60-142	
Dibromochloromethane	20.0	0.28 U	17.8	89	69-130	
Dichlorodifluoromethane	20.0	0.31 U	20.8	104	27-120	
Ethylbenzene	20.0	1.5	21.1	98	78-120	
Freon TF	20.0	0.31 U	20.4	102	51-142	
Isopropylbenzene	20.0	14	33.0	93	79-125	
Methylcyclohexane	20.0	7.6	30.0	112	49-149	
Methylene Chloride	20.0	0.32 U	24.7	123	74-127	
MTBE	20.0	0.81 J	18.0	86	72-131	
Styrene	20.0	0.42 U	19.8	99	82-127	
Tetrachloroethene	20.0	0.25 U	21.3	107	70-127	
Toluene	20.0	0.38 U	21.2	106	78-120	
trans-1,2-Dichloroethene	20.0	0.98 J	22.0	105	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671967.D

Lab ID: 460-292076-1 MS Client ID: NL-MW-3_20231107 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	18.1	91	66-127	
Trichloroethene	20.0	60	76.0	78	51-121	
Trichlorofluoromethane	20.0	0.32 U	18.6	93	50-120	
Vinyl chloride	20.0	0.19 J	20.5	102	55-144	
Xylenes, Total	40.0	0.65 U	41.0	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671968.D

Lab ID: 460-292076-1 MSD Client ID: NL-MW-3_20231107 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	17.8	89	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	6	30	63-139	
1,1,2-Trichloroethane	20.0	18.5	93	1	30	74-125	
1,1-Dichloroethane	20.0	18.0	90	0	30	73-130	
1,1-Dichloroethene	20.0	24.5	123	2	30	68-133	
1,2,4-Trichlorobenzene	20.0	19.5	98	4	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.5	88	8	30	58-132	
1,2-Dibromoethane	20.0	17.9	90	0	30	79-126	
1,2-Dichlorobenzene	20.0	19.0	95	0	30	80-120	
1,2-Dichloroethane	20.0	16.5	83	0	30	66-129	
1,2-Dichloropropane	20.0	17.2	86	2	30	68-128	
1,3-Dichlorobenzene	20.0	18.9	94	1	30	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	1	30	80-120	
2-Butanone	100	99.1	99	2	30	61-142	
2-Hexanone	100	88.9	89	2	30	61-134	
4-Methyl-2-pentanone	100	92.2	92	1	30	69-139	
Acetone	100	88.4	88	2	30	49-149	
Benzene	20.0	27.7	105	0	30	71-126	
Bromodichloromethane	20.0	16.3	81	2	30	76-121	
Bromoform	20.0	16.9	84	1	30	58-136	
Bromomethane	20.0	18.5	93	8	30	10-120	
Carbon disulfide	20.0	38.5	193	2	30	68-138	*
Carbon tetrachloride	20.0	18.5	92	1	30	65-142	
Chlorobenzene	20.0	20.1	101	0	30	80-120	
Chloroethane	20.0	23.0	115	6	30	48-150	
Chloroform	20.0	17.5	84	2	30	78-125	
Chloromethane	20.0	20.8	104	4	30	43-140	
cis-1,2-Dichloroethene	20.0	21.1	95	2	30	78-121	
cis-1,3-Dichloropropene	20.0	18.7	93	1	30	74-125	
Cyclohexane	20.0	45.0	98	3	30	60-142	
Dibromochloromethane	20.0	17.4	87	2	30	69-130	
Dichlorodifluoromethane	20.0	19.6	98	6	30	27-120	
Ethylbenzene	20.0	20.9	97	1	30	78-120	
Freon TF	20.0	20.5	102	1	30	51-142	
Isopropylbenzene	20.0	32.4	90	2	30	79-125	
Methylcyclohexane	20.0	30.2	113	0	30	49-149	
Methylene Chloride	20.0	24.9	125	1	30	74-127	
MTBE	20.0	18.6	89	4	30	72-131	
Styrene	20.0	19.4	97	2	30	82-127	
Tetrachloroethene	20.0	21.3	106	0	30	70-127	
Toluene	20.0	21.0	105	1	30	78-120	
trans-1,2-Dichloroethene	20.0	22.2	106	1	30	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671968.D

Lab ID: 460-292076-1 MSD Client ID: NL-MW-3_20231107 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	17.7	88	2	30	66-127	
Trichloroethene	20.0	77.5	86	2	30	51-121	
Trichlorofluoromethane	20.0	18.8	94	1	30	50-120	
Vinyl chloride	20.0	19.8	98	4	30	55-144	
Xylenes, Total	40.0	40.2	101	2	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.: 460-292076-1

SDG No.:

Lab File ID: T671961.D Lab Sample ID: MB 460-943343/9

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

Instrument ID: CVOAMS15 Date Analyzed: 11/08/2023 12:37

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 460-943343/5	T671957.D	11/08/2023 11:06
NL-MW-3_20231107 MS	460-292076-1 MS	T671967.D	11/08/2023 14:53
NL-MW-3_20231107 MSD	460-292076-1 MSD	T671968.D	11/08/2023 15:15
NL-TB-01_20231107	460-292076-4	T671971.D	11/08/2023 16:23
NL-FB-01_20231107	460-292076-3	T671972.D	11/08/2023 16:46
NL-MW-3_20231107	460-292076-1	T671975.D	11/08/2023 17:53
NL-MW-Dup_20231107	460-292076-2	T671976.D	11/08/2023 18:16

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

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab File ID: T671306.D BFB Injection Date: 10/27/2023

Instrument ID: CVOAMS15 BFB Injection Time: 10:37

Analysis Batch No.: 940983

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	89.4
96	5 - 9% of m/z 95	8.0
173	Less than 2% of m/z 174	1.1
174	50 - 200% of m/z 95	111.9
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	96.7
177	5 - 10% of m/z 176	7.3

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 460-940983/5	T671310.D	10/27/2023	12:09
	STD1 460-940983/7	T671312.D	10/27/2023	12:54
	STD5 460-940983/8	T671313.D	10/27/2023	13:17
	STD20 460-940983/9	T671314.D	10/27/2023	13:40
	STD50 460-940983/10	T671315.D	10/27/2023	14:02
	STD200 460-940983/11	T671316.D	10/27/2023	14:25
	STD500 460-940983/12	T671317.D	10/27/2023	14:48
	ICV 460-940983/1020	-T671325-ICV.	10/27/2023	18:15

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

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Sample No.: STD20 460-940983/9 Date Analyzed: 10/27/2023 13:40

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671314.D Heated Purge: (Y/N) N

Calibration ID: 94875

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		39297	3.24	278634	4.44	598469	5.71
UPPER LIMIT		78594	3.74	557268	4.94	1196938	6.21
LOWER LIMIT		19649	2.74	139317	3.94	299235	5.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-940983/1020		48047	3.24	342218	4.44	686458	5.71

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.: 460-292076-1

SDG No.:

Sample No.: STD20 460-940983/9 Date Analyzed: 10/27/2023 13:40

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671314.D Heated Purge: (Y/N) N

Calibration ID: 94875

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31781	6.54	488492	9.84	267442	13.08
UPPER LIMIT		63562	7.04	976984	10.34	534884	13.58
LOWER LIMIT		15891	6.04	244246	9.34	133721	12.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-940983/1020		35139	6.54	558425	9.84	300123	13.08

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.: 460-292076-1

SDG No.:

Sample No.: CCVIS 460-943343/4 Date Analyzed: 11/08/2023 10:44

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671956.D Heated Purge: (Y/N) N

Calibration ID: 94875

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42232	3.24	318568	4.44	702405	5.71
UPPER LIMIT		84464	3.74	637136	4.94	1404810	6.21
LOWER LIMIT		21116	2.74	159284	3.94	351203	5.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-943343/5		42220	3.24	331775	4.44	737848	5.71
MB 460-943343/9		38869	3.24	296973	4.44	747741	5.71
460-292076-1 MS	NL-MW-3_20231107 MS	41533	3.24	293810	4.44	753843	5.71
460-292076-1 MSD	NL-MW-3_20231107 MSD	43333	3.24	309501	4.44	745265	5.71
460-292076-4	NL-TB-01_20231107	33327	3.24	272931	4.44	675236	5.71
460-292076-3	NL-FB-01_20231107	34104	3.24	268339	4.44	660193	5.71
460-292076-1	NL-MW-3_20231107	35731	3.24	279367	4.44	733285	5.71
460-292076-2	NL-MW-Dup_20231107	43966	3.24	325824	4.44	734257	5.71

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.: 460-292076-1

SDG No.:

Sample No.: CCVIS 460-943343/4 Date Analyzed: 11/08/2023 10:44

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671956.D Heated Purge: (Y/N) N

Calibration ID: 94875

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35780	6.54	546566	9.84	292906	13.08
UPPER LIMIT		71560	7.04	1093132	10.34	585812	13.58
LOWER LIMIT		17890	6.04	273283	9.34	146453	12.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-943343/5		36542	6.53	567840	9.84	301346	13.08
MB 460-943343/9		36941	6.53	581554	9.84	312829	13.08
460-292076-1 MS	NL-MW-3_20231107 MS	35992	6.54	585039	9.84	315598	13.08
460-292076-1 MSD	NL-MW-3_20231107 MSD	36450	6.53	580833	9.84	307506	13.08
460-292076-4	NL-TB-01_20231107	30254	6.53	515399	9.84	269823	13.08
460-292076-3	NL-FB-01_20231107	29754	6.52	504914	9.84	265208	13.08
460-292076-1	NL-MW-3_20231107	33058	6.54	561700	9.84	300015	13.08
460-292076-2	NL-MW-Dup_20231107	38779	6.52	568150	9.84	307356	13.08

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.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

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	6.7		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	0.61	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	25		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	7.6		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.98	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	60		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.19	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)	90		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Lims ID: 460-292076-C-1
Client ID: NL-MW-3_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 17:53:56 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1
Misc. Info.: 460-0168581-023
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:24 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:04:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.722	0.000	51	1411	0.1899	
13 Pentane	72	2.351	2.351	0.000	95	3319	6.03	
15 Ethyl ether	59	2.561	2.555	0.006	80	1707	0.4796	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	92	35731	1000.0	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	67	9731	0.8081	a
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	69	4676	0.9799	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	279367	250.0	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	85	12513	2.12	
52 Chloroform	83	4.805	4.805	0.000	96	5694	0.6149	
55 Cyclohexane	84	4.946	4.941	0.005	91	146866	25.4	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	188214	41.8	
60 Benzene	78	5.366	5.366	0.000	95	114082	6.75	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.387	0.005	92	177445	44.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	733285	50.0	
67 Trichloroethene	95	6.115	6.115	0.000	94	314021	60.4	
70 Methylcyclohexane	83	6.252	6.262	-0.010	92	47043	7.57	a
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	0	33058	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	733823	52.3	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	561700	50.0	
97 Ethylbenzene	106	10.021	10.016	0.005	97	10822	1.52	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	94	3810	0.4575	
104 Isopropylbenzene	105	11.427	11.432	-0.005	94	295902	14.5	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	95	256460	51.1	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	116686	4.91	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	27460	1.98	
118 sec-Butylbenzene	105	12.853	12.853	0.000	98	114844	5.86	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	300015	50.0	
123 1,2,3-Trimethylbenzene	105	13.136	13.136	0.000	96	17946	1.09	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	87	24046	1.47	
127 p-Diethylbenzene	119	13.409	13.409	0.000	95	14595	1.46	
128 n-Butylbenzene	92	13.430	13.430	0.000	90	4616	0.5669	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		3.10	
S 140 Total BTEX	1				0		8.73	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

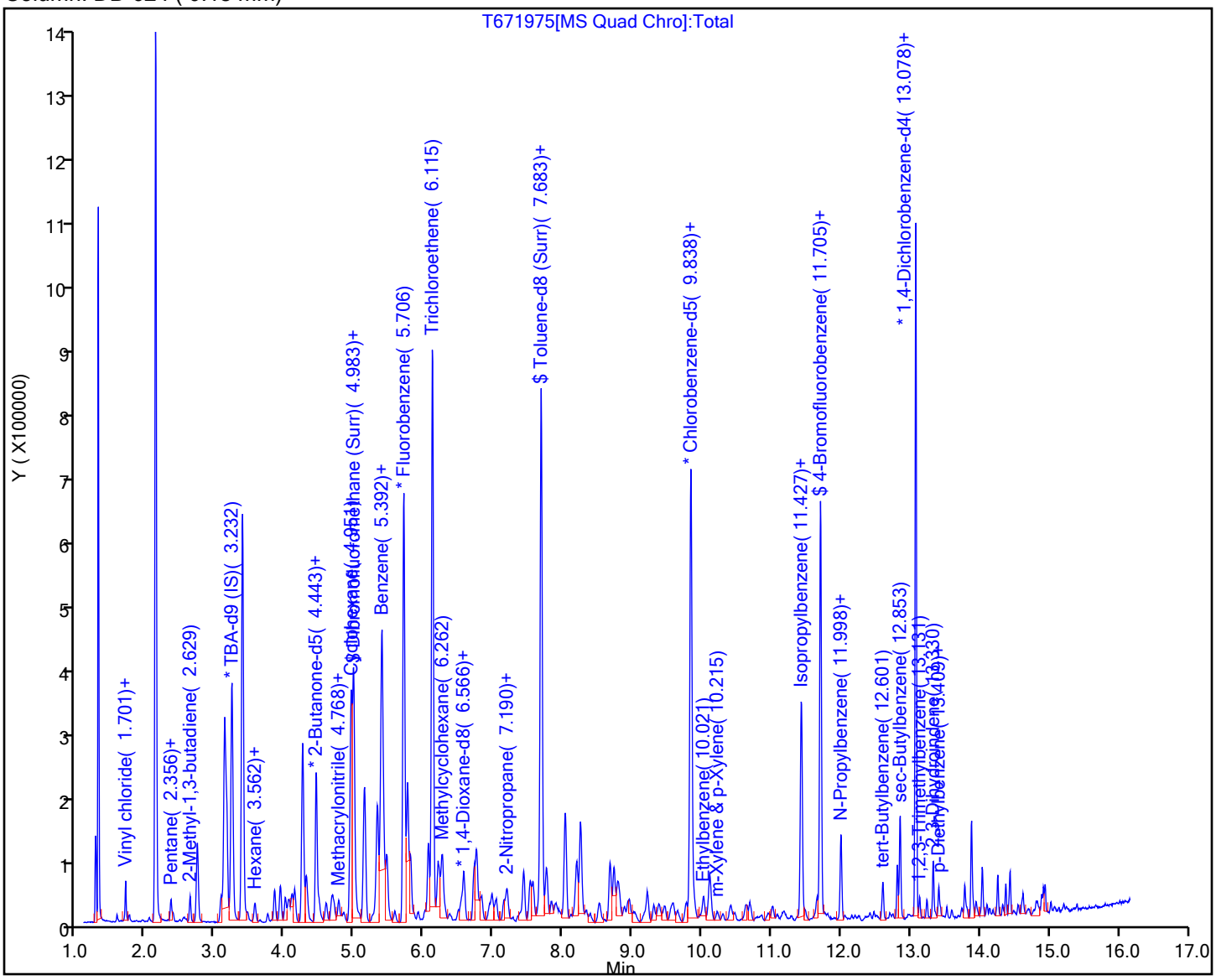
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Injection Date: 08-Nov-2023 17:53:56 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-1 Lab Sample ID: 460-292076-1
Client ID: NL-MW-3_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Lims ID:	460-292076-C-1				
Client ID:	NL-MW-3_20231107				
Sample Type:	Client				
Inject. Date:	08-Nov-2023 17:53:56	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-292076-C-1				
Misc. Info.:	460-0168581-023				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	09-Nov-2023 10:42:24	Calib Date:	27-Oct-2023 14:48:16		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1618				
First Level Reviewer: HVW2		Date:	09-Nov-2023 01:04:34		

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.8	83.58
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.9	89.79
$ 83 Toluene-d8 (Surr)	50.0	52.3	104.60
$ 105 4-Bromofluorobenzene	50.0	51.1	102.16

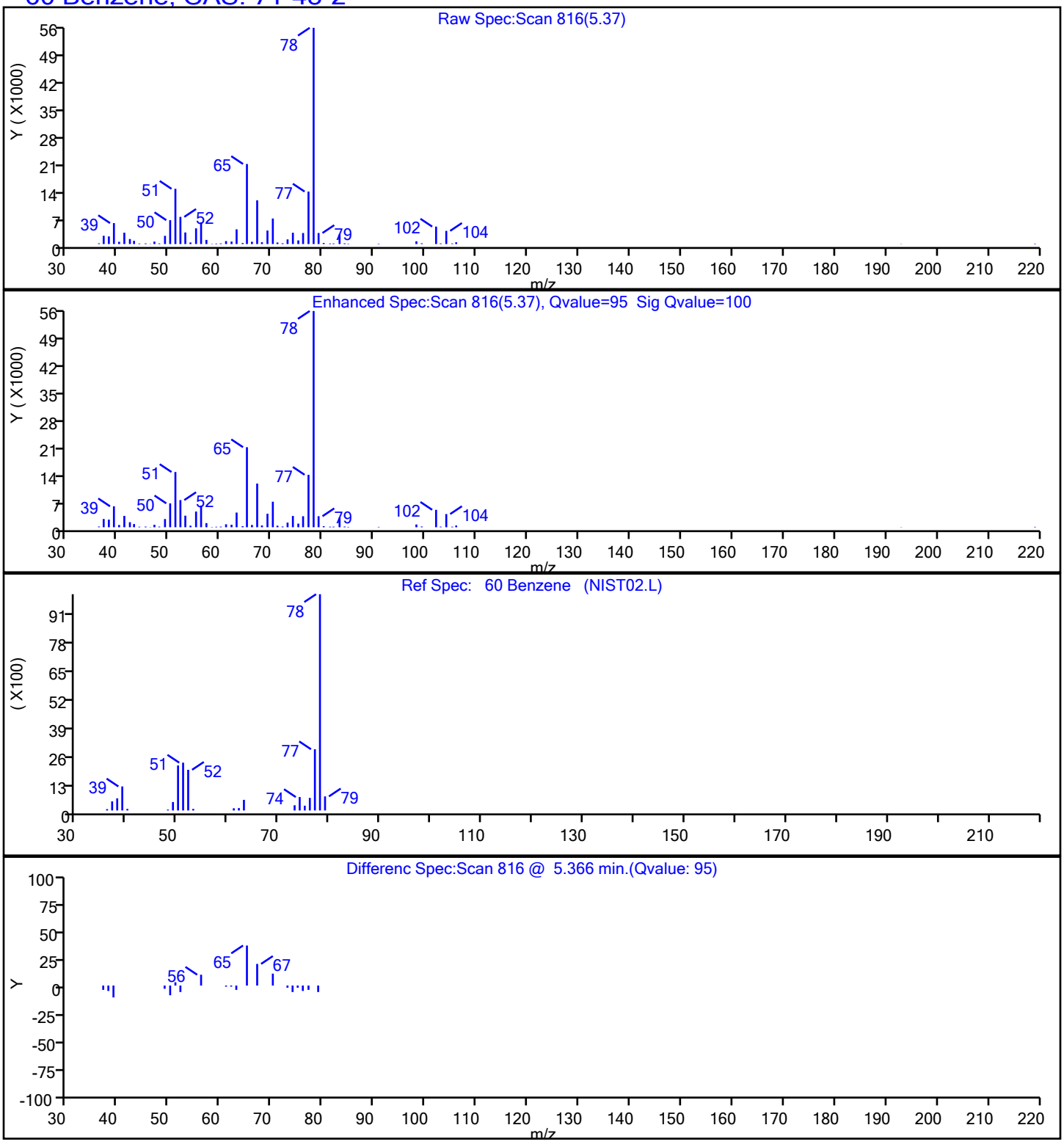
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



11/10/2023
2:16 PM

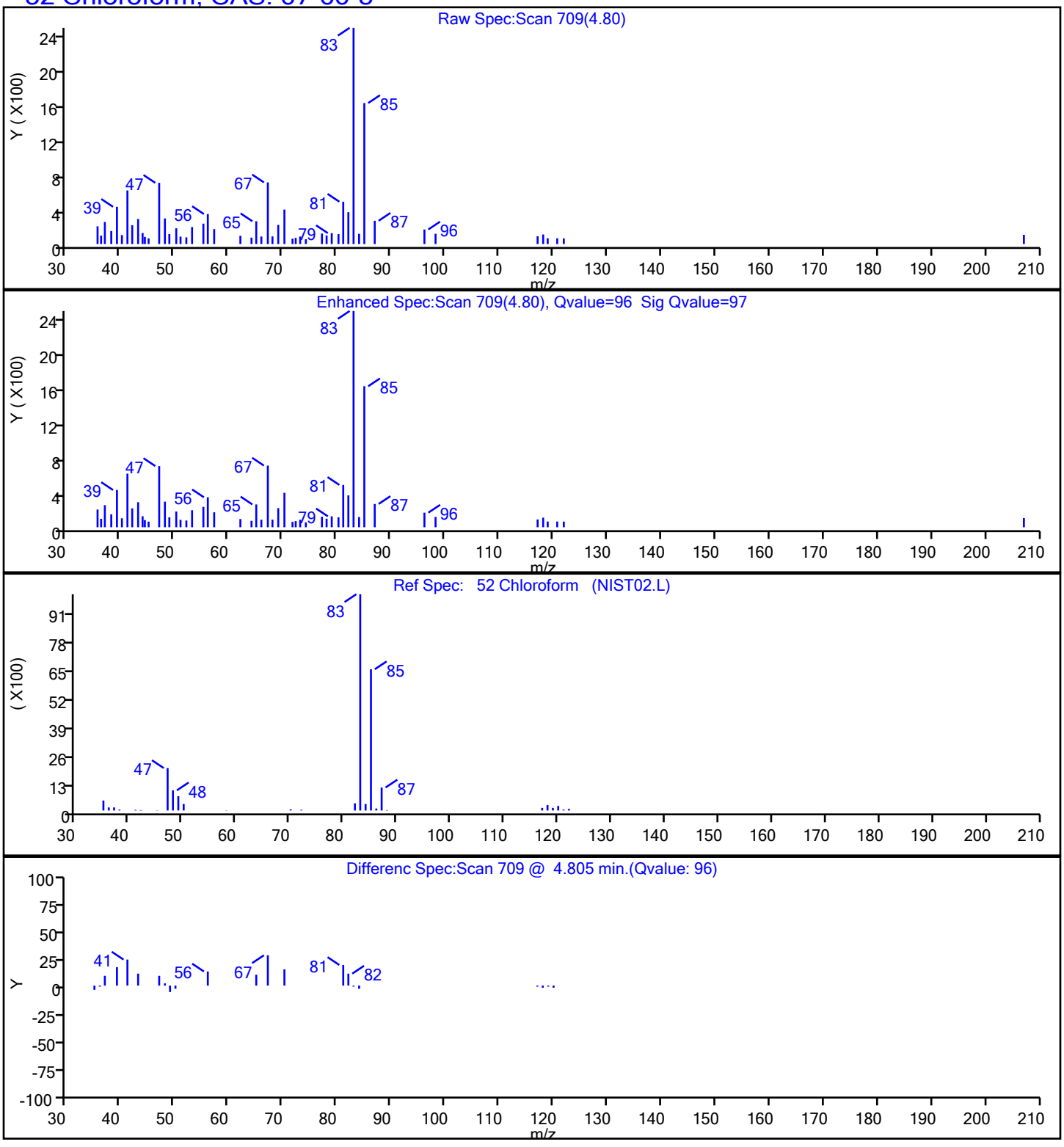
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



11/10/2023
2:16 PM

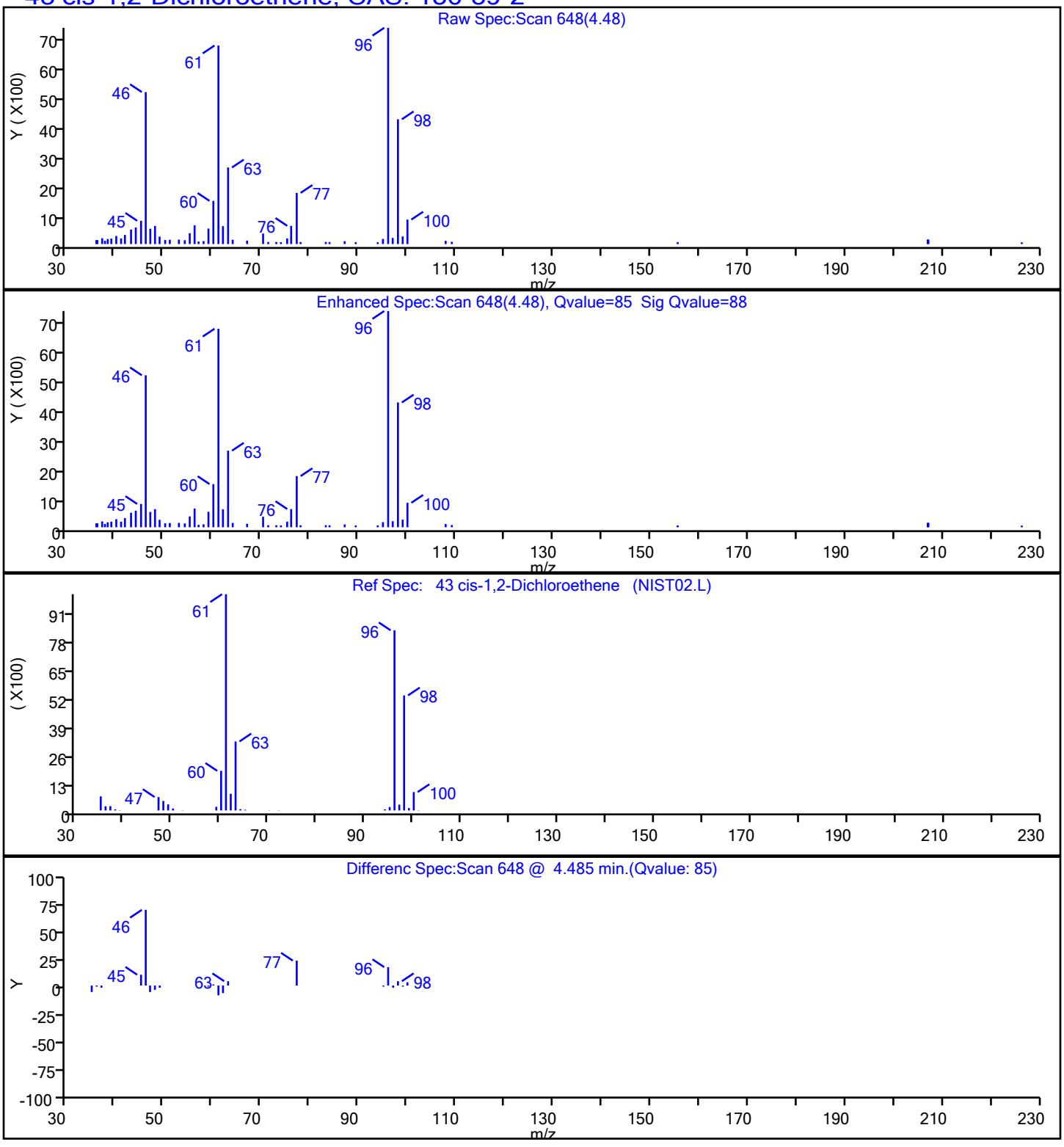
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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

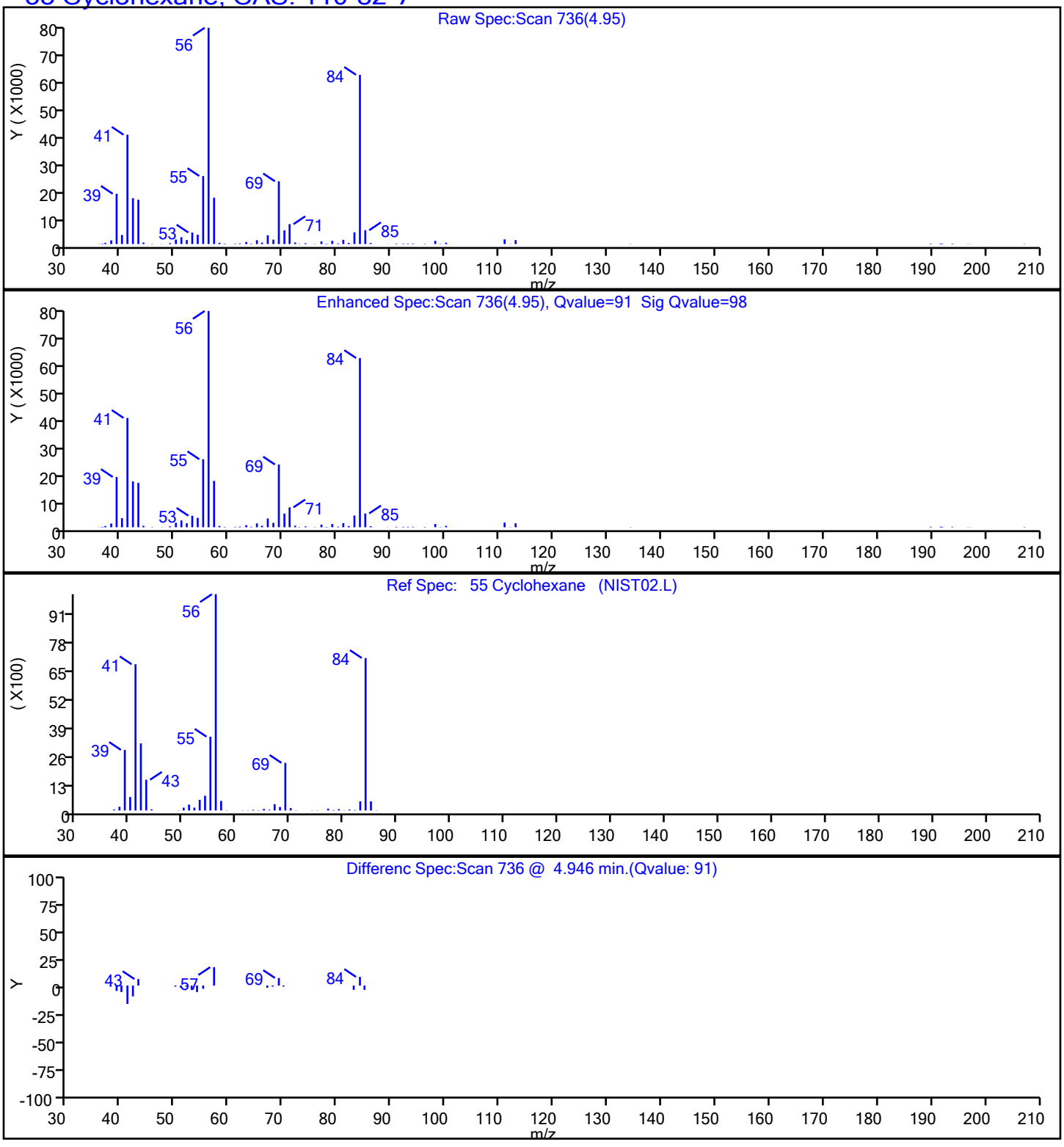


11/10/2023
2:16 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

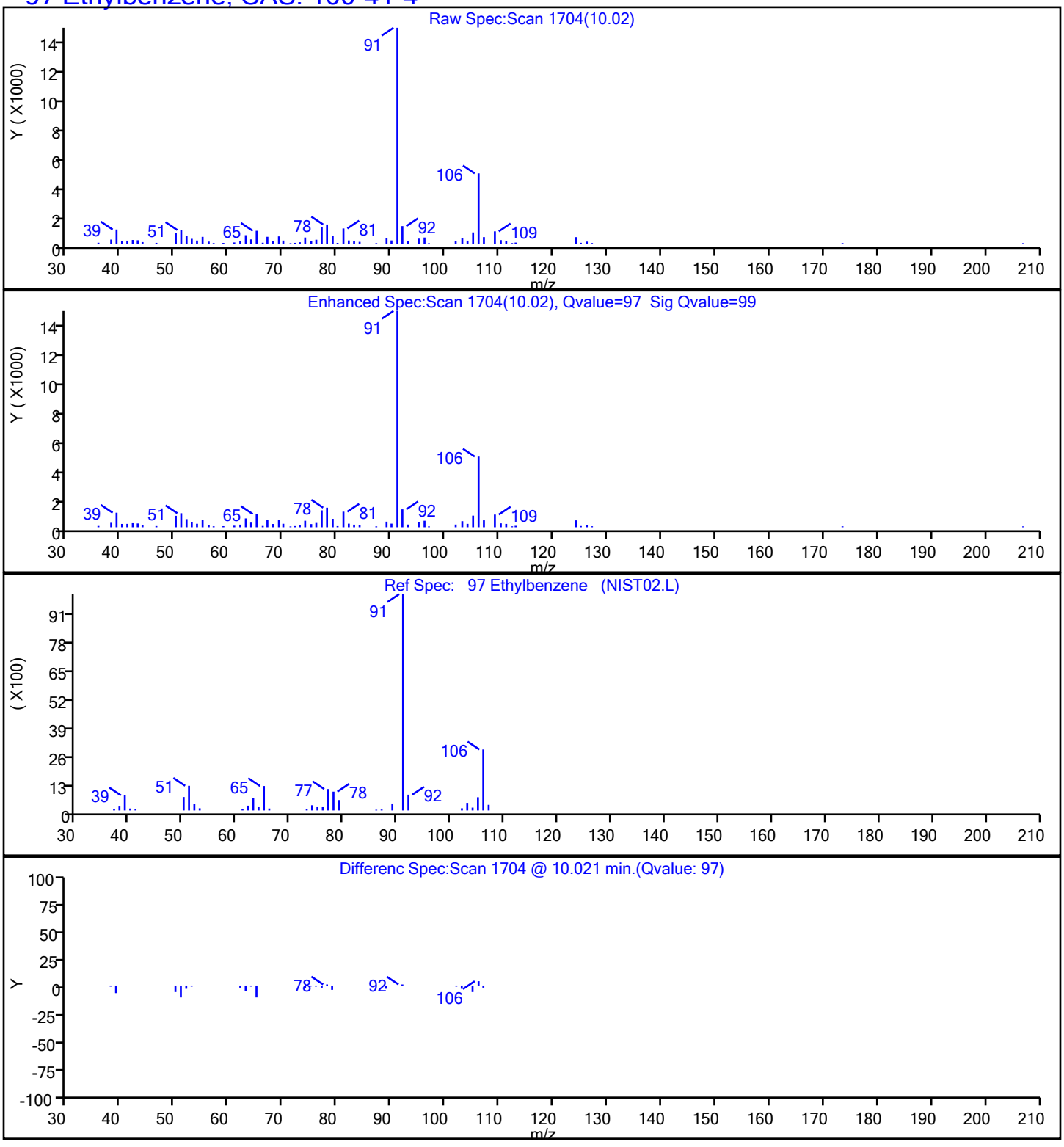
55 Cyclohexane, CAS: 110-82-7



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D		
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



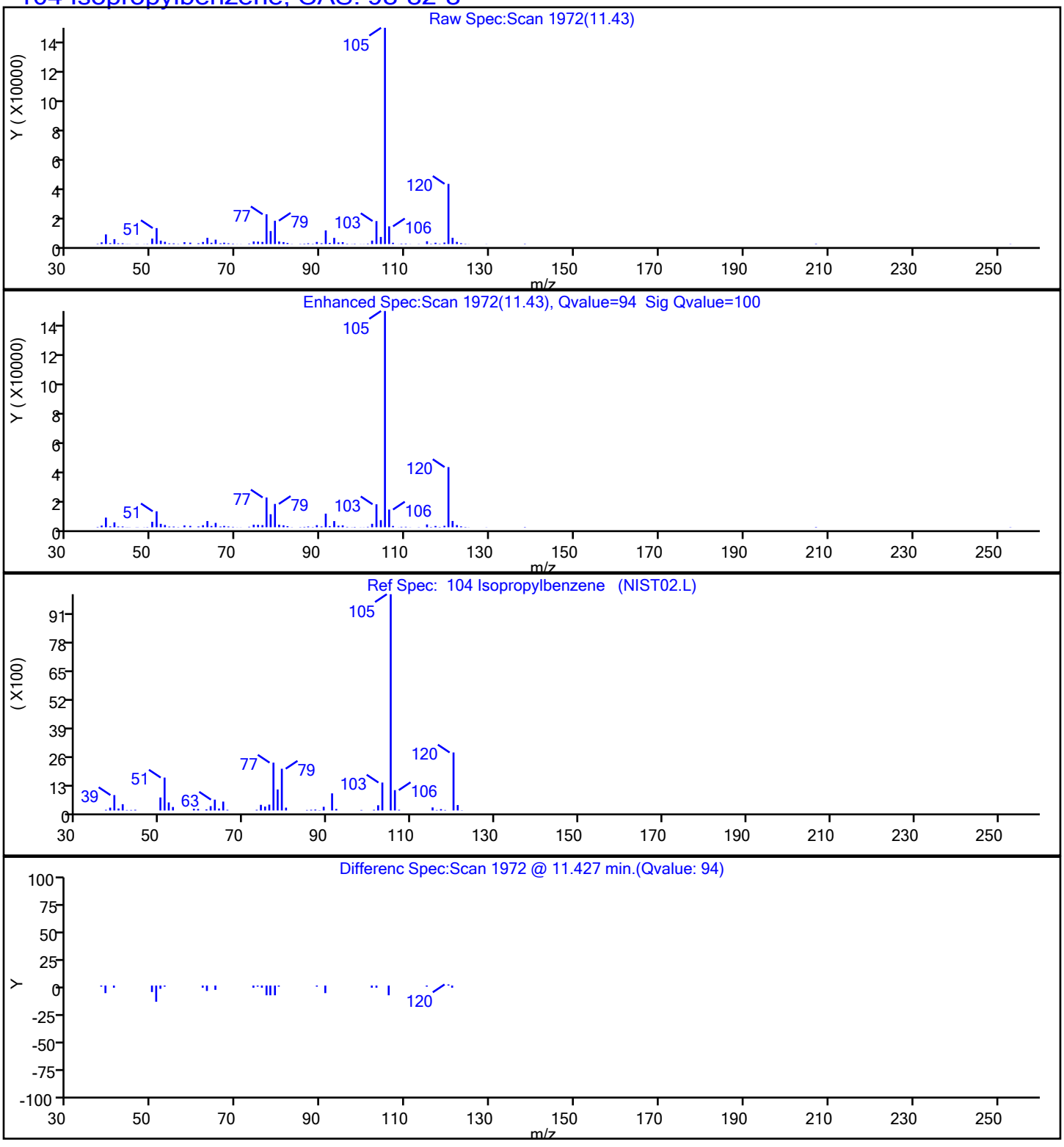
Report Date: 09-Nov-2023 10:42:26 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

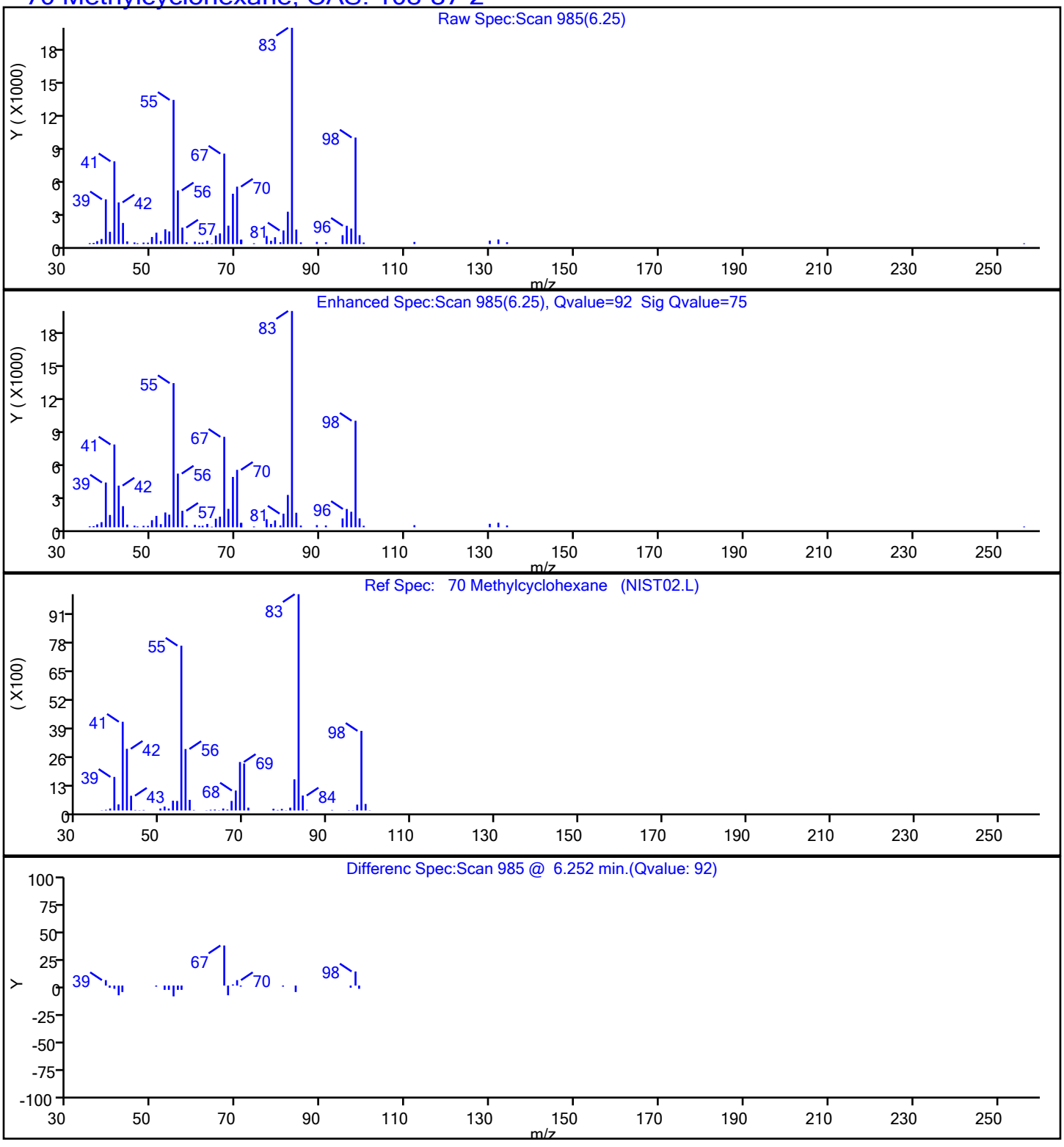
104 Isopropylbenzene, CAS: 98-82-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

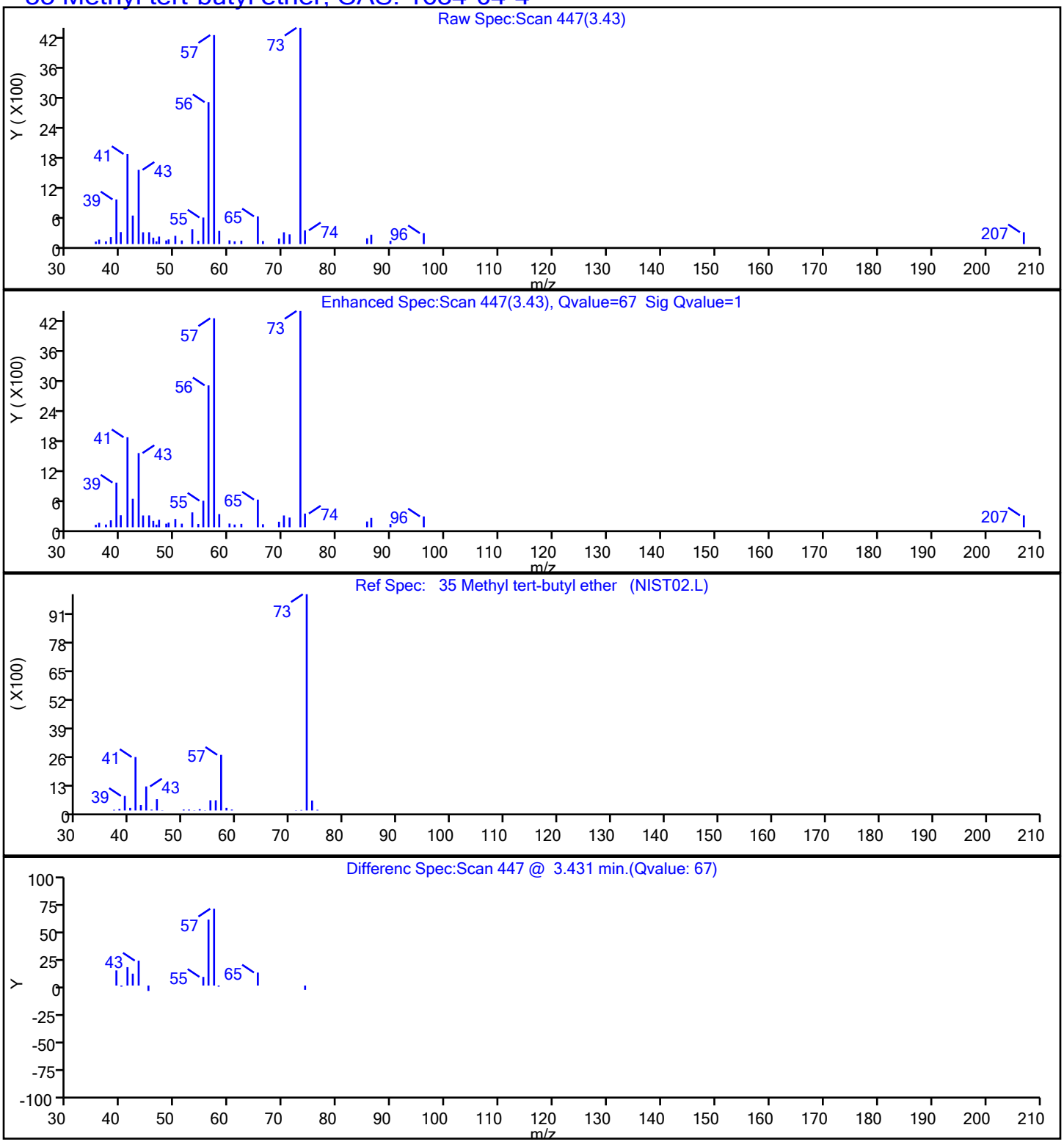
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



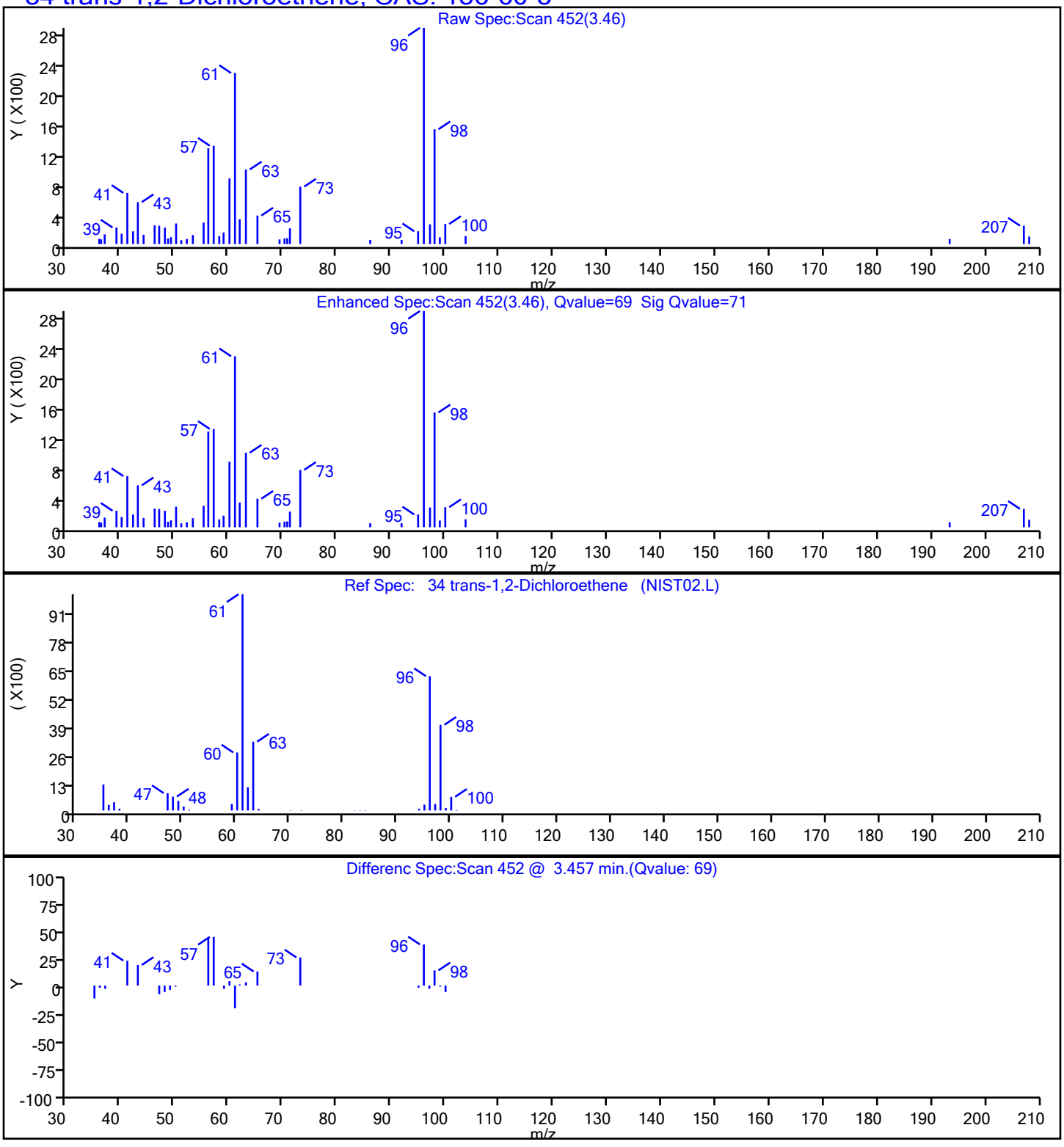
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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

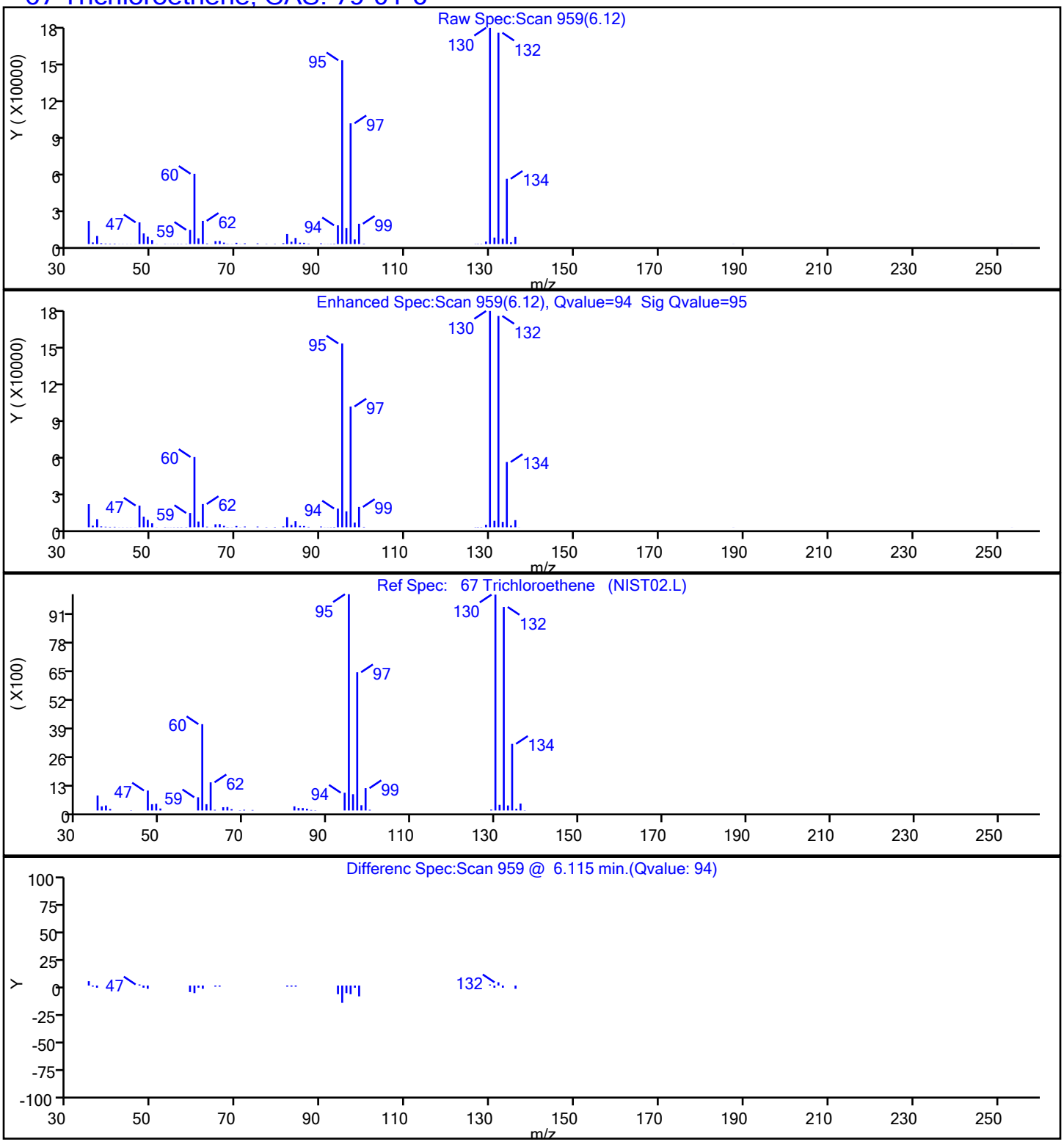


11/10/2023
2:16 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Injection Date: 08-Nov-2023 17:53:56 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-1 Lab Sample ID: 460-292076-1
Client ID: NL-MW-3_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 Trichloroethene, CAS: 79-01-6



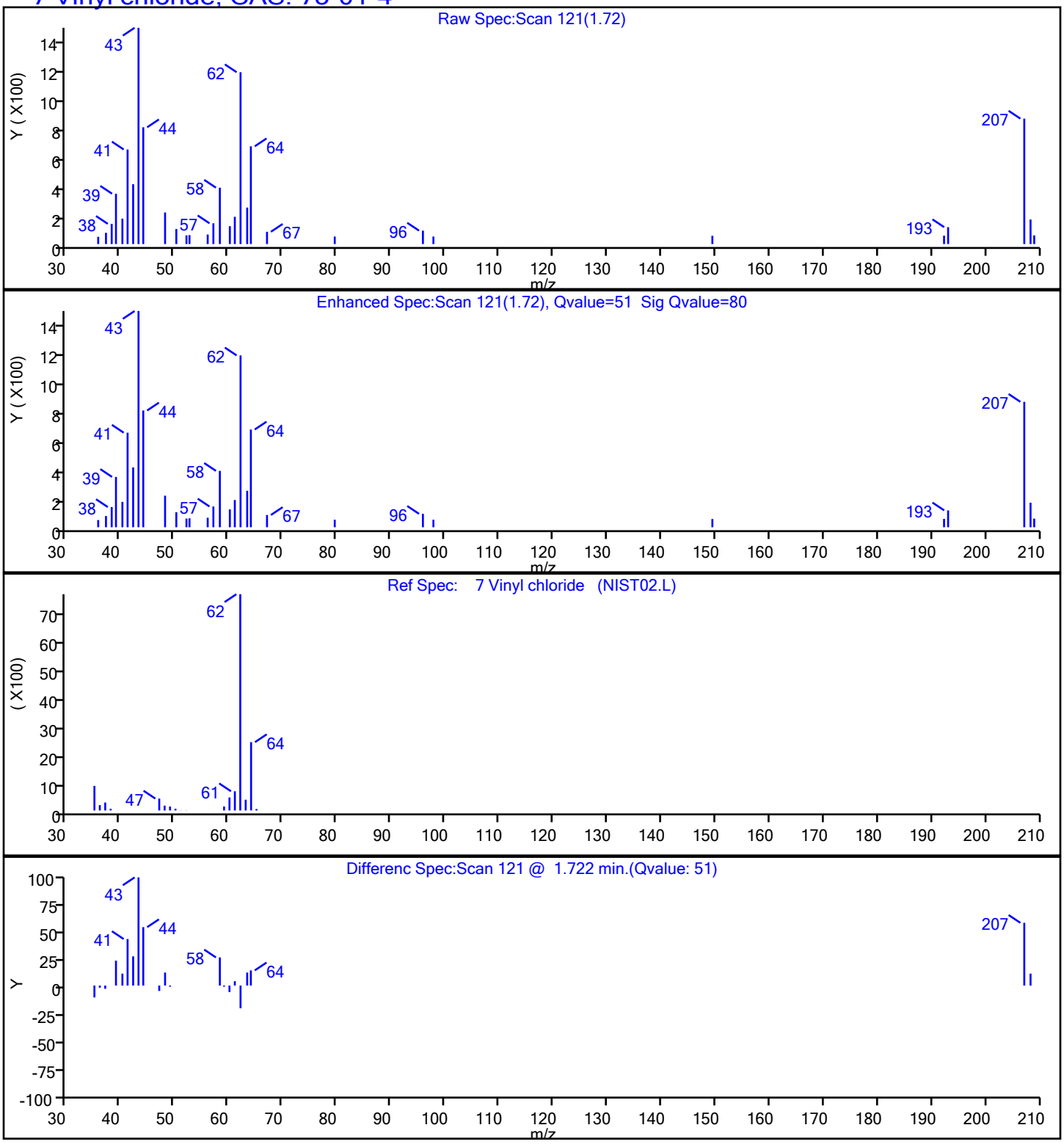
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

7 Vinyl chloride, CAS: 75-01-4



Eurofins Edison

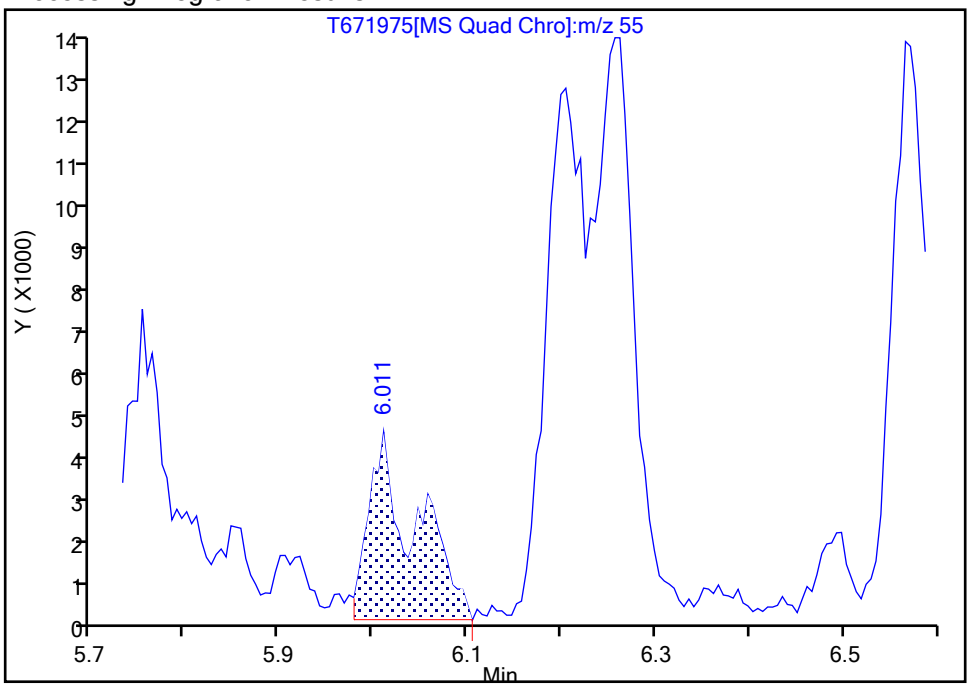
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 2

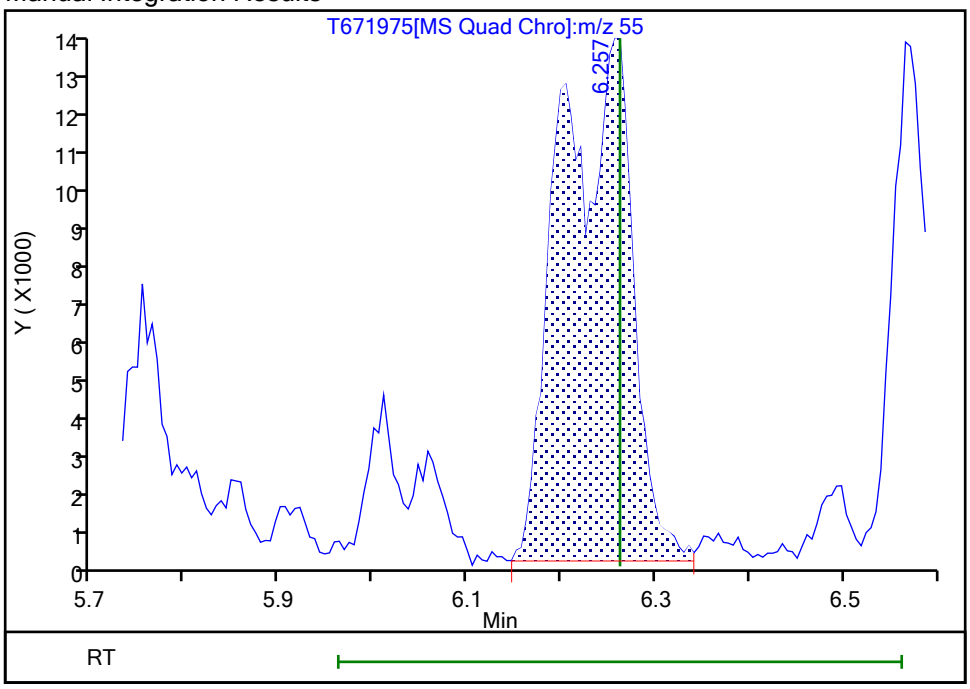
Processing Integration Results

RT: 6.01
Area: 14746
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 69437
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

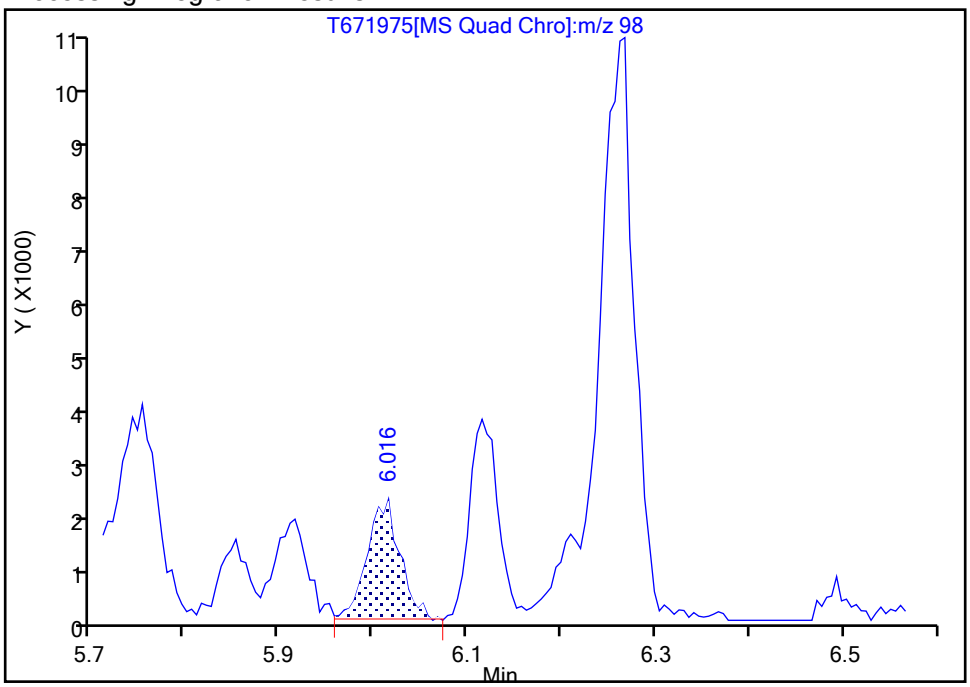
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 3

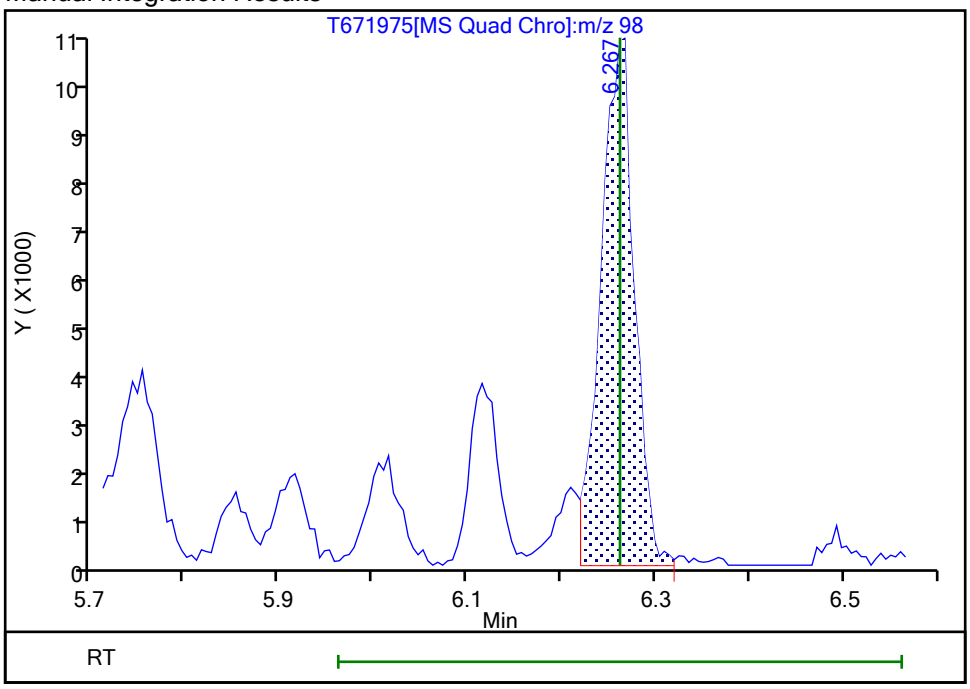
Processing Integration Results

RT: 6.02
Area: 5507
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 26845
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:36 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

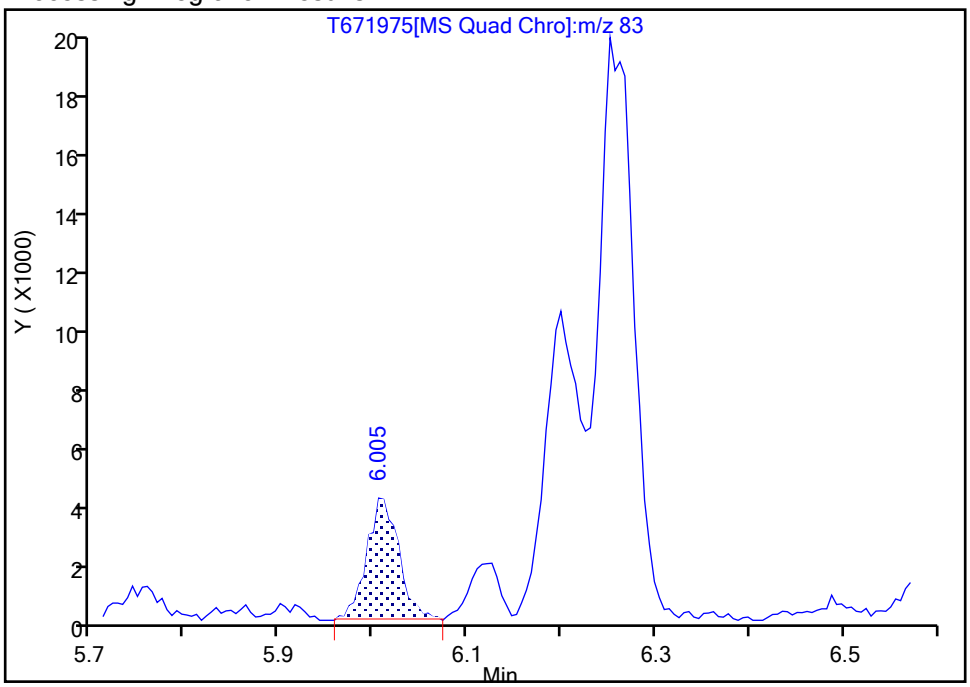
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

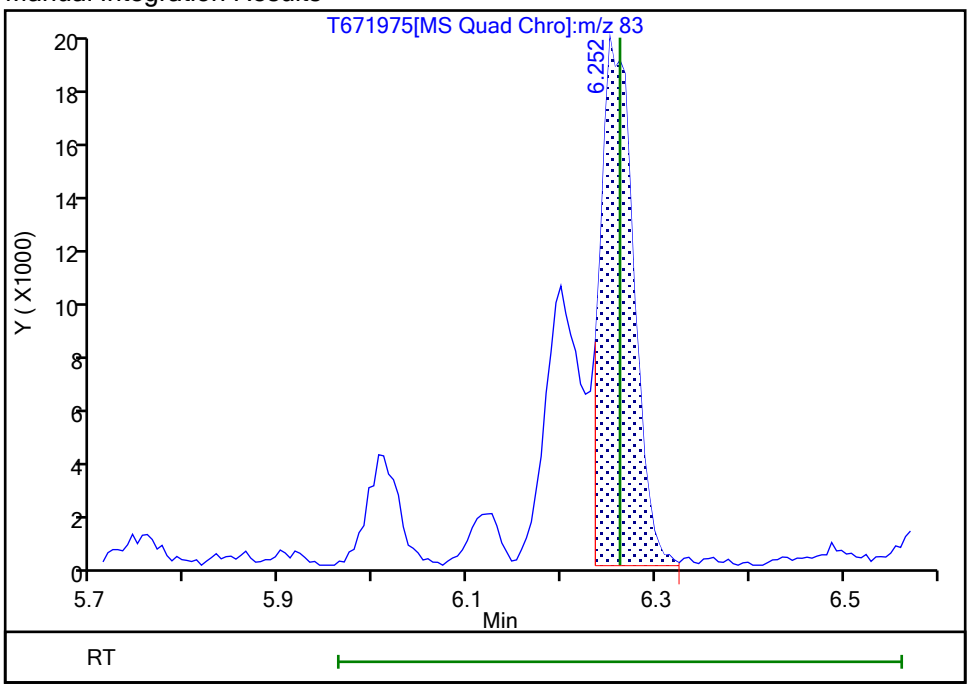
Processing Integration Results

RT: 6.01
Area: 9596
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 47043
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

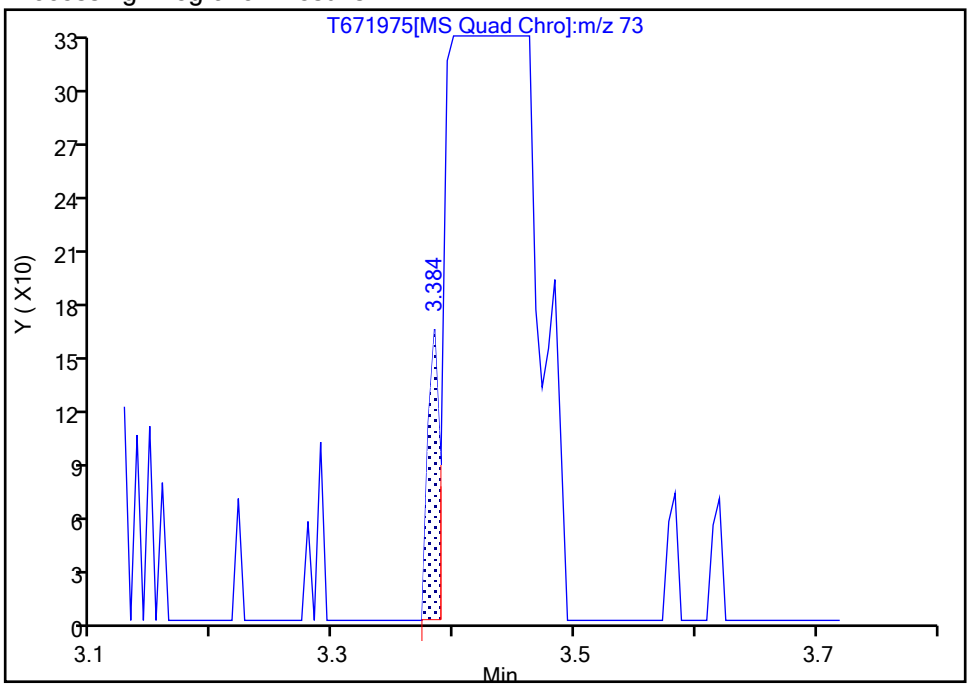
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

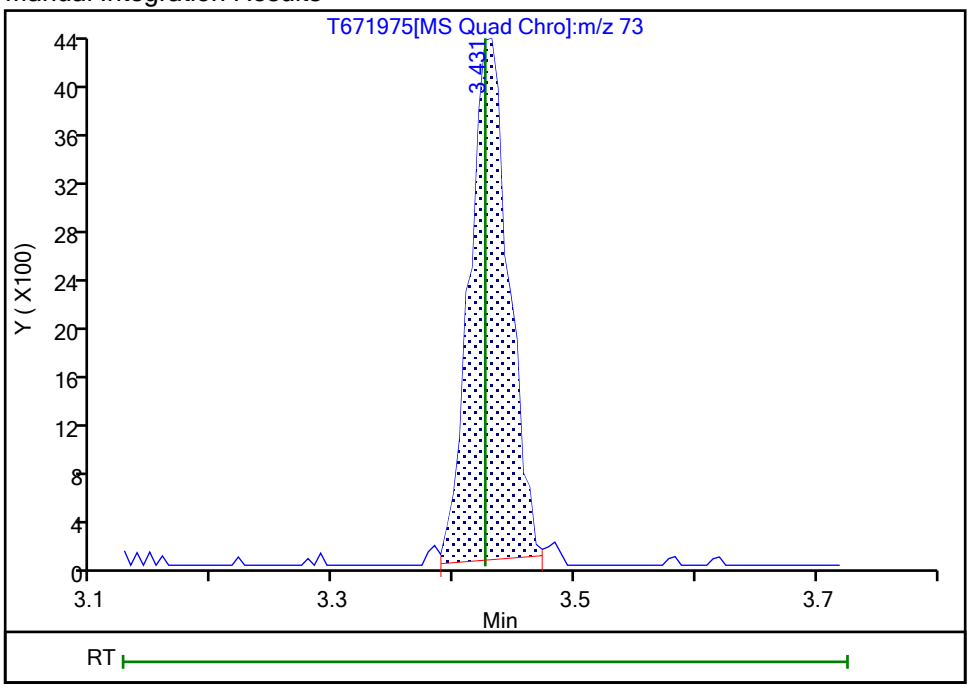
Processing Integration Results

RT: 3.38
Area: 115
Amount: 0.009550
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 9731
Amount: 0.808090
Amount Units: ug/l



Reviewer: XE5L, 09-Nov-2023 10:41:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

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	6.5		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	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	26		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	8.7		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.89	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	70		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.18	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)	91		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Lims ID: 460-292076-C-2
Client ID: NL-MW-Dup_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 18:16:31 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-2
Misc. Info.: 460-0168581-024
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:59 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:05:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.722	0.000	69	1358	0.1825	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	94	43966	1000.0	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	63	10781	0.8941	a
34 trans-1,2-Dichloroethene	96	3.462	3.457	0.005	76	4340	0.9083	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	50	325824	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.485	-0.006	90	14418	2.44	
52 Chloroform	83	4.810	4.805	0.005	84	6320	0.6816	
55 Cyclohexane	84	4.941	4.941	0.000	91	153359	26.4	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	95	188877	41.9	
60 Benzene	78	5.365	5.366	-0.001	95	111157	6.50	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	94	179618	45.4	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	734257	50.0	
67 Trichloroethene	95	6.115	6.115	0.000	94	362354	69.6	
70 Methylcyclohexane	83	6.257	6.262	-0.005	92	54005	8.68	
* 73 1,4-Dioxane-d8	96	6.524	6.535	-0.011	1	38779	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	736391	51.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	568150	50.0	
97 Ethylbenzene	106	10.021	10.016	0.005	97	10689	1.49	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	97	3955	0.4696	
104 Isopropylbenzene	105	11.427	11.432	-0.005	95	309175	15.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	93	256038	50.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	307356	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

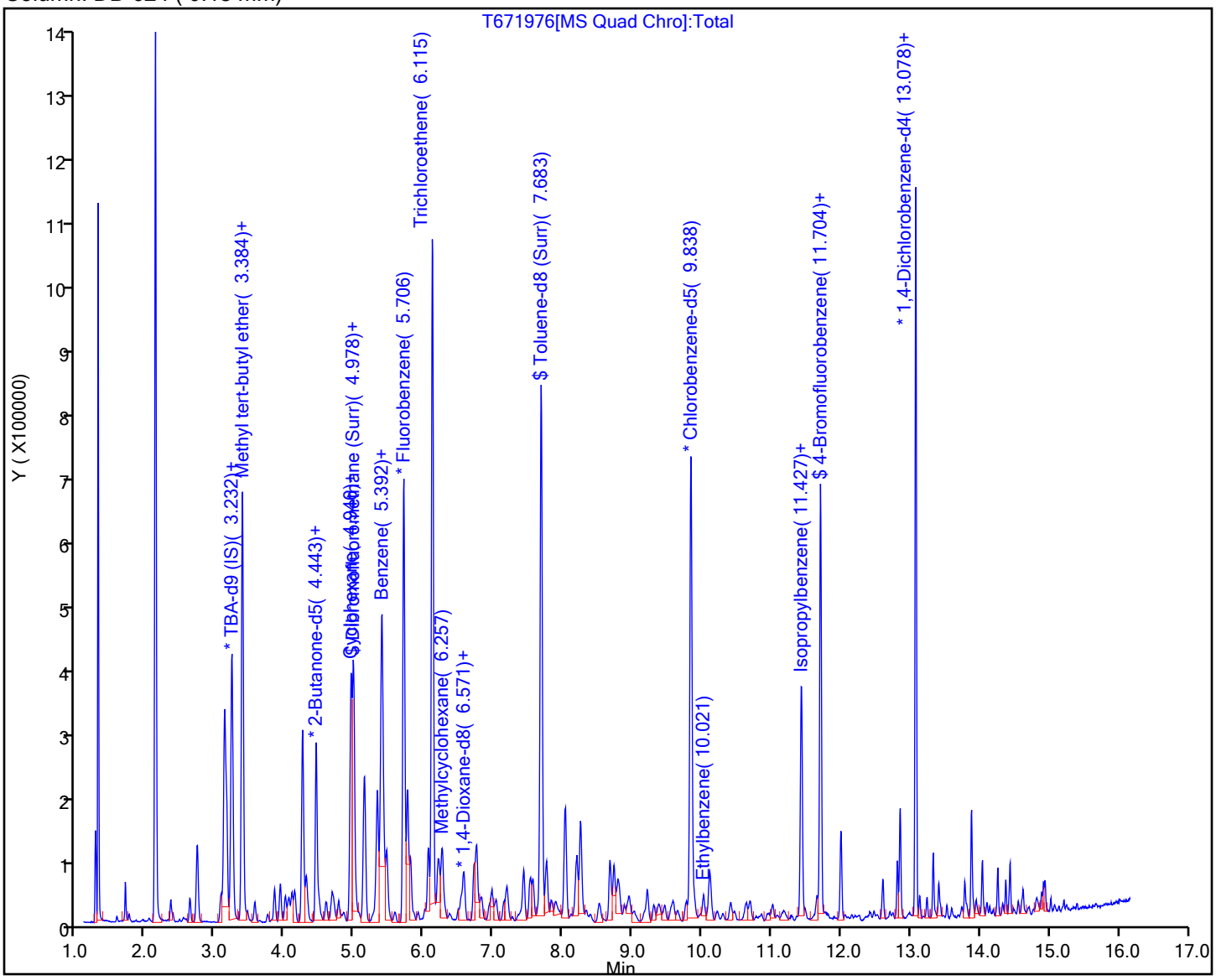
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:42:59 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Injection Date: 08-Nov-2023 18:16:31 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-2 Lab Sample ID: 460-292076-2
Client ID: NL-MW-Dup_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Lims ID: 460-292076-C-2
Client ID: NL-MW-Dup_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 18:16:31 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-2
Misc. Info.: 460-0168581-024
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:59 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:05:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.9	83.77
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.4	90.77
$ 83 Toluene-d8 (Surr)	50.0	51.9	103.77
$ 105 4-Bromofluorobenzene	50.0	50.4	100.84

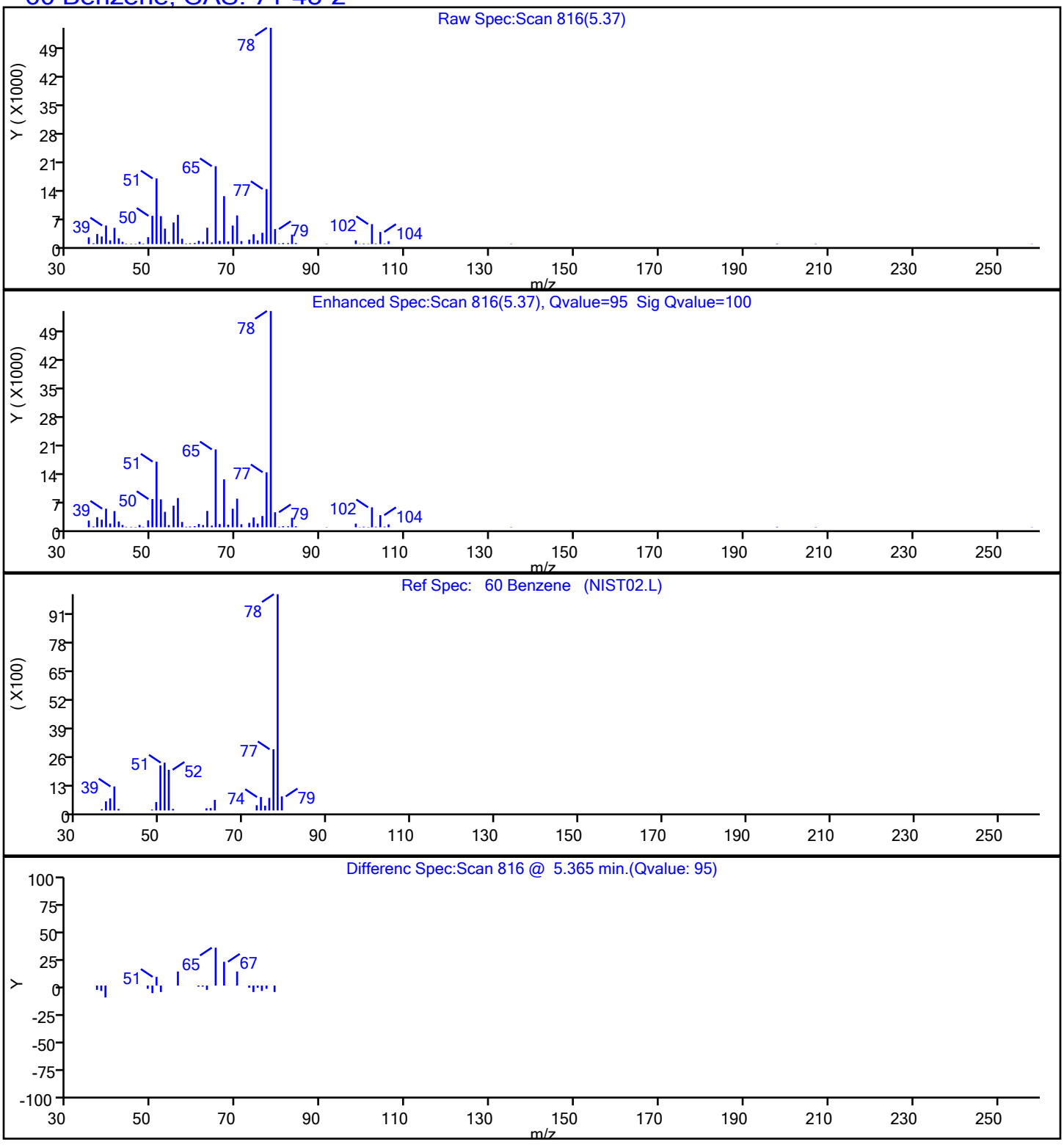
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



11/10/2023
2:16 PM

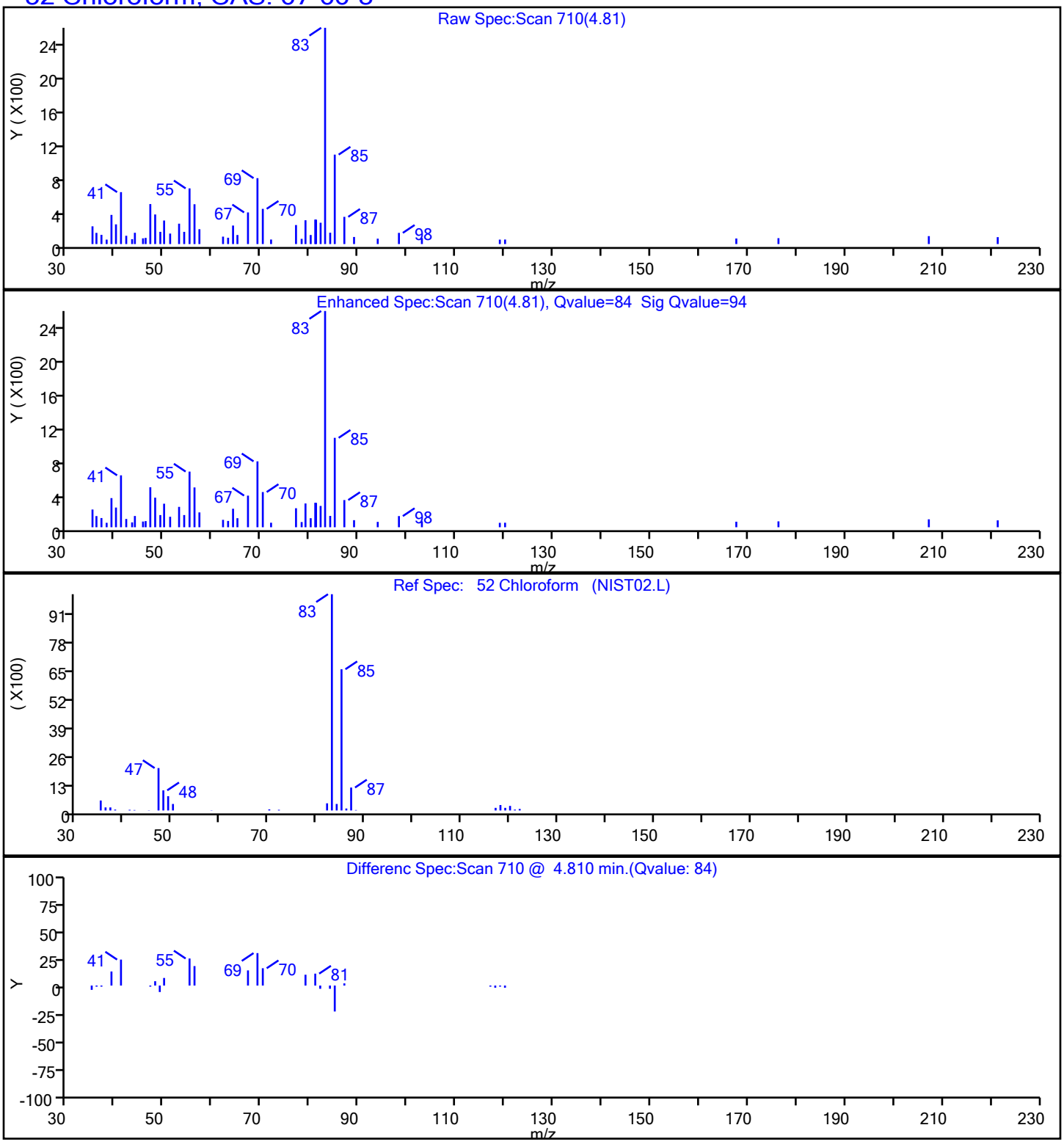
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



11/10/2023
2:16 PM

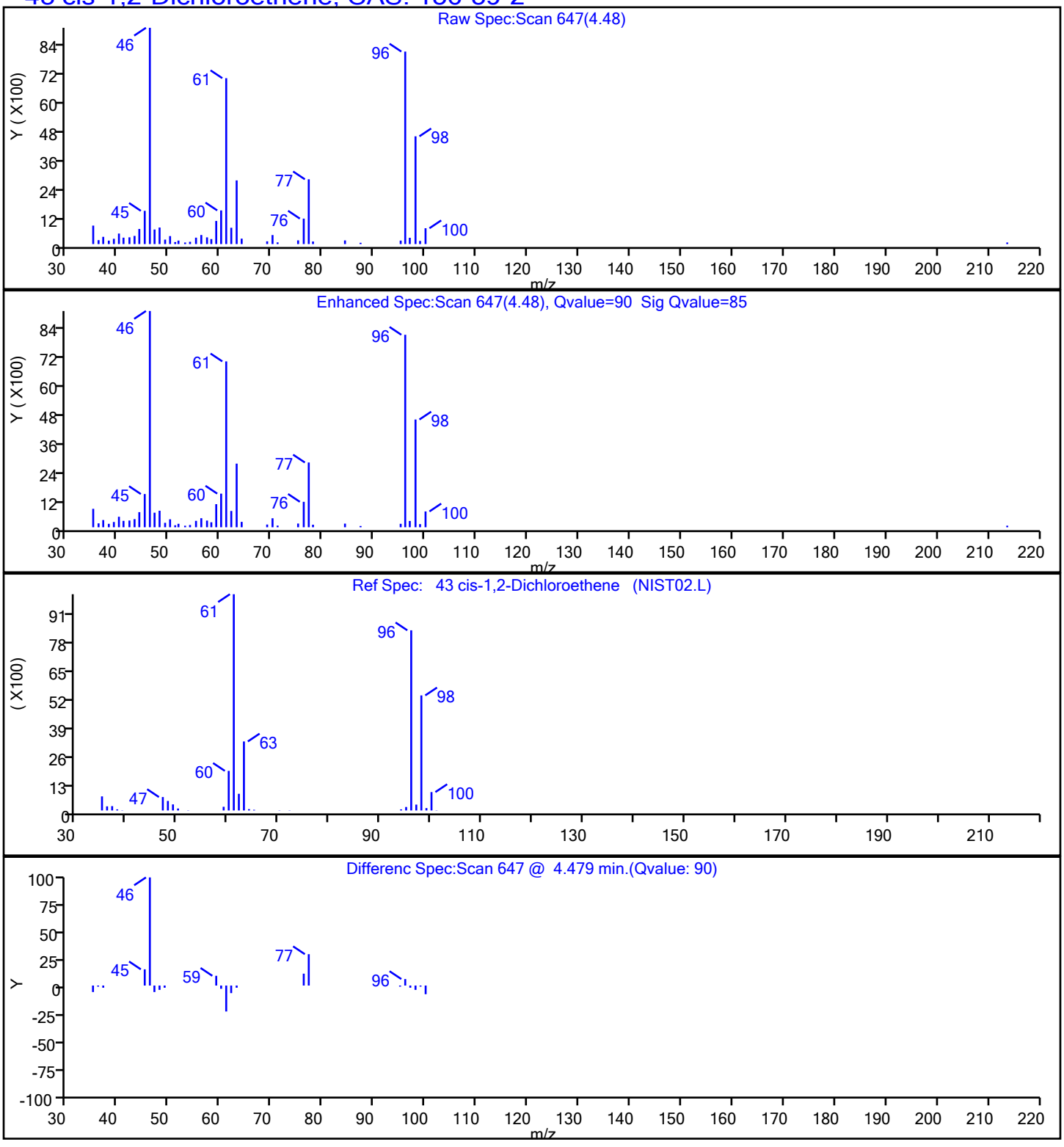
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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



11/10/2023
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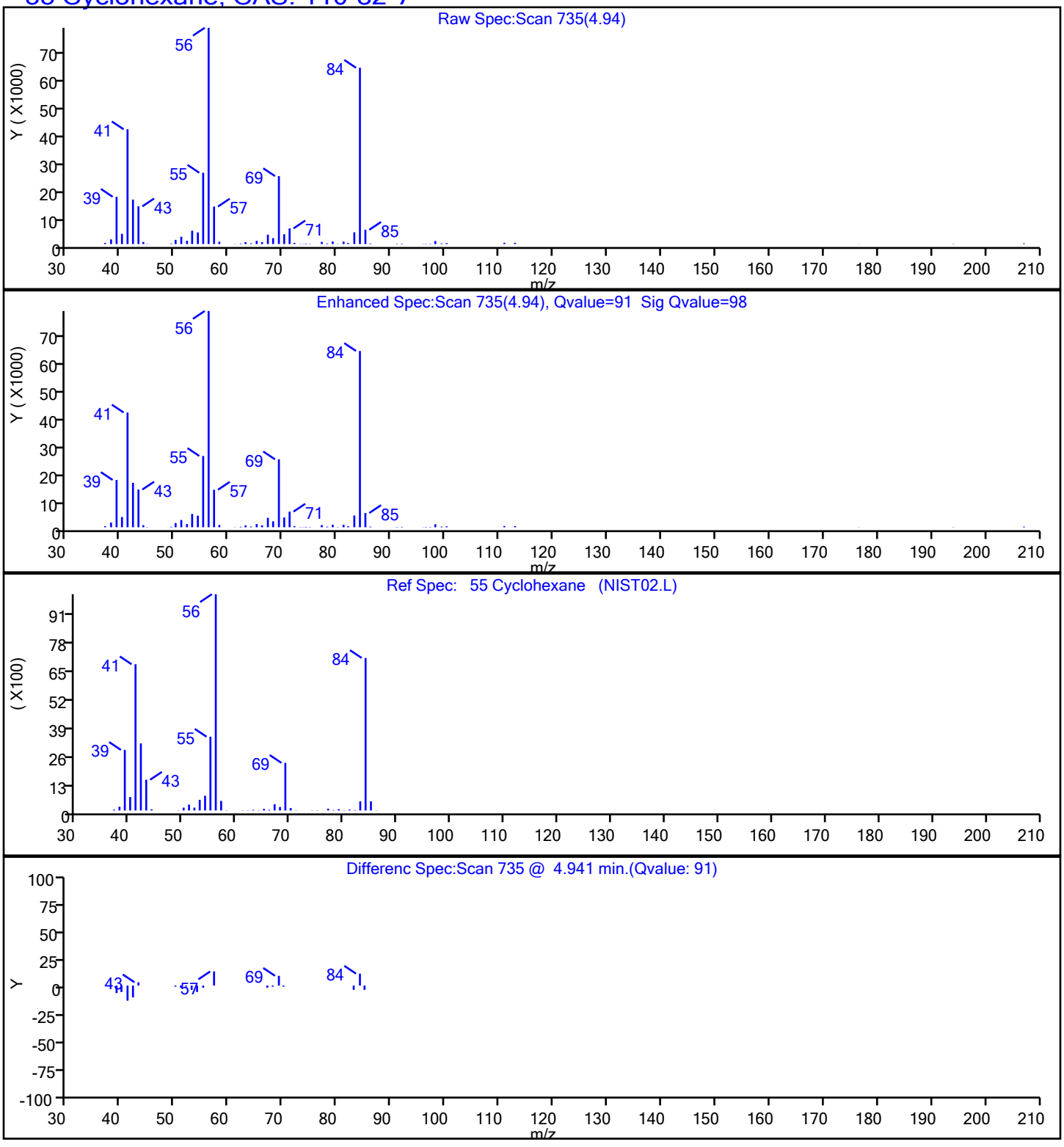
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



11/10/2023
2:16 PM

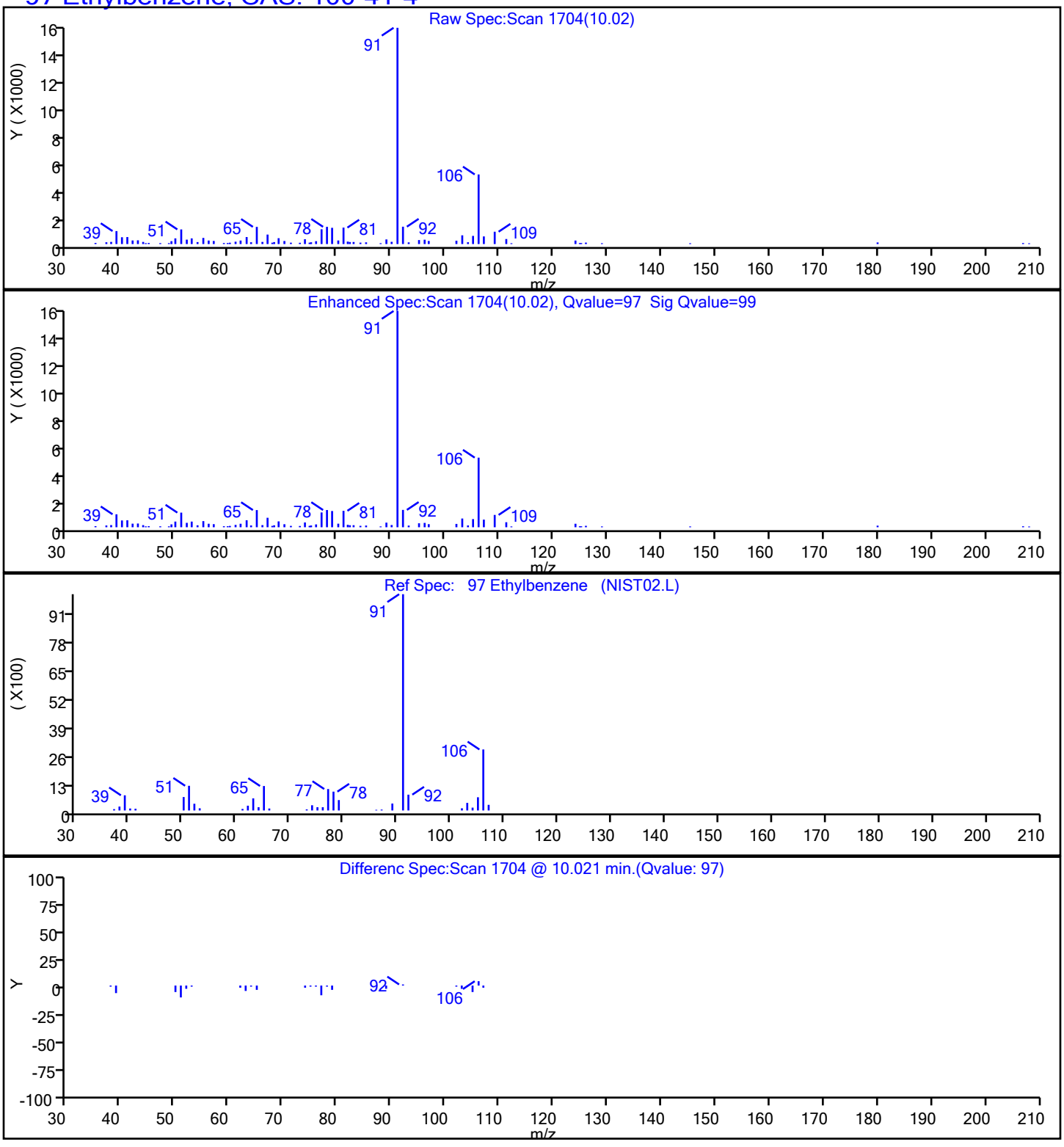
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



11/10/2023
2:16 PM

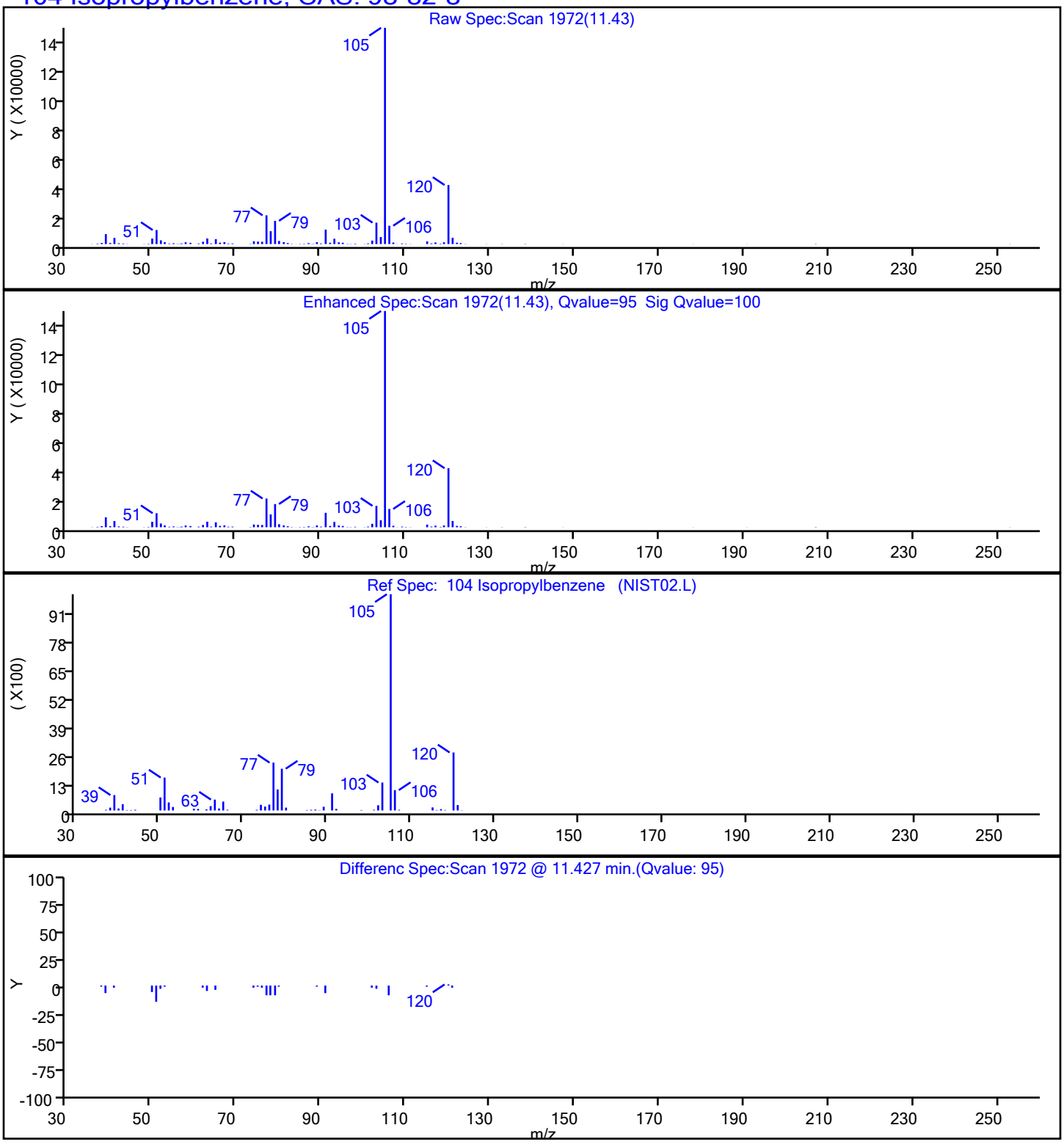
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

104 Isopropylbenzene, CAS: 98-82-8



11/10/2023
2:16 PM

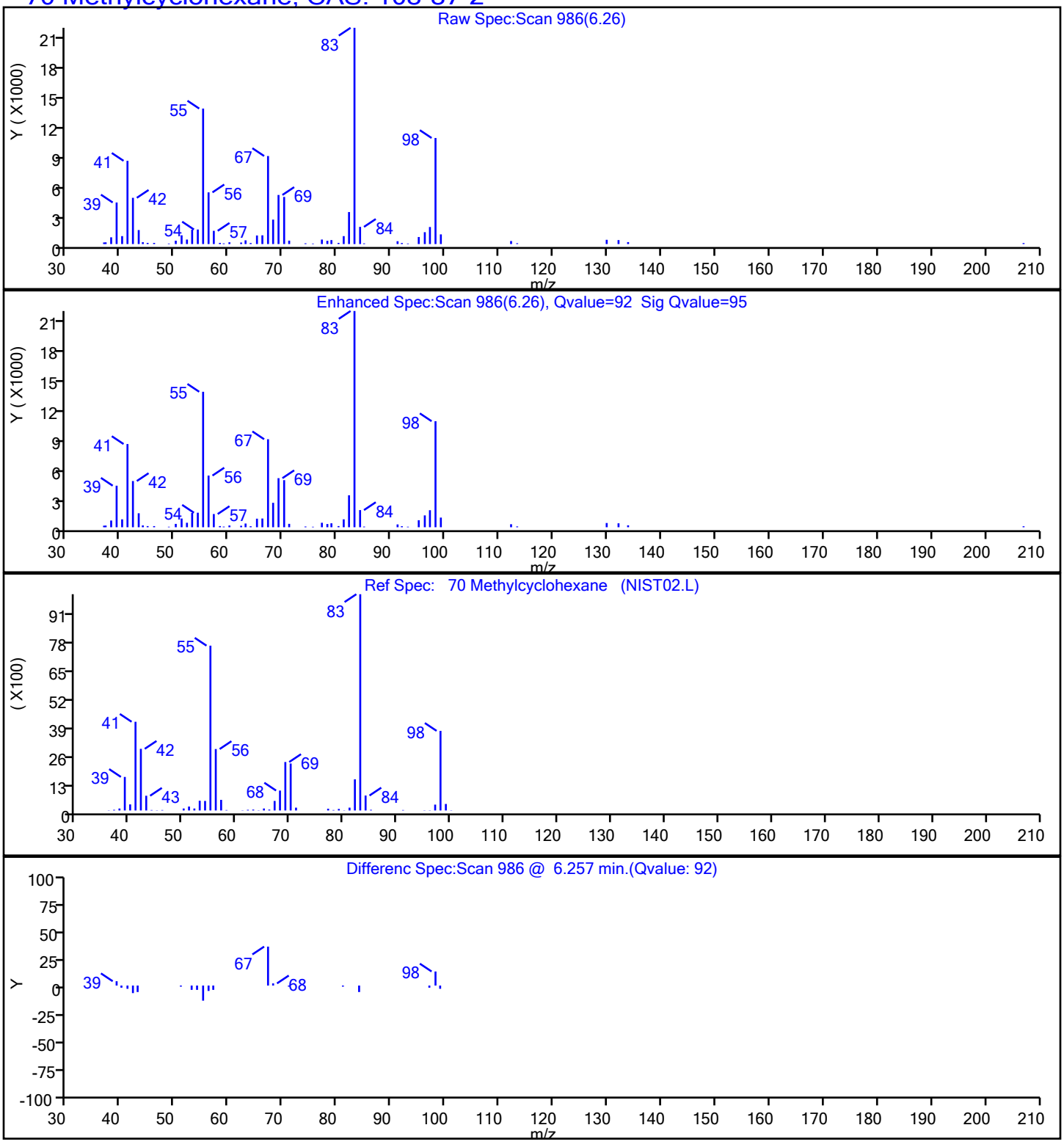
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2



11/10/2023
2:16 PM

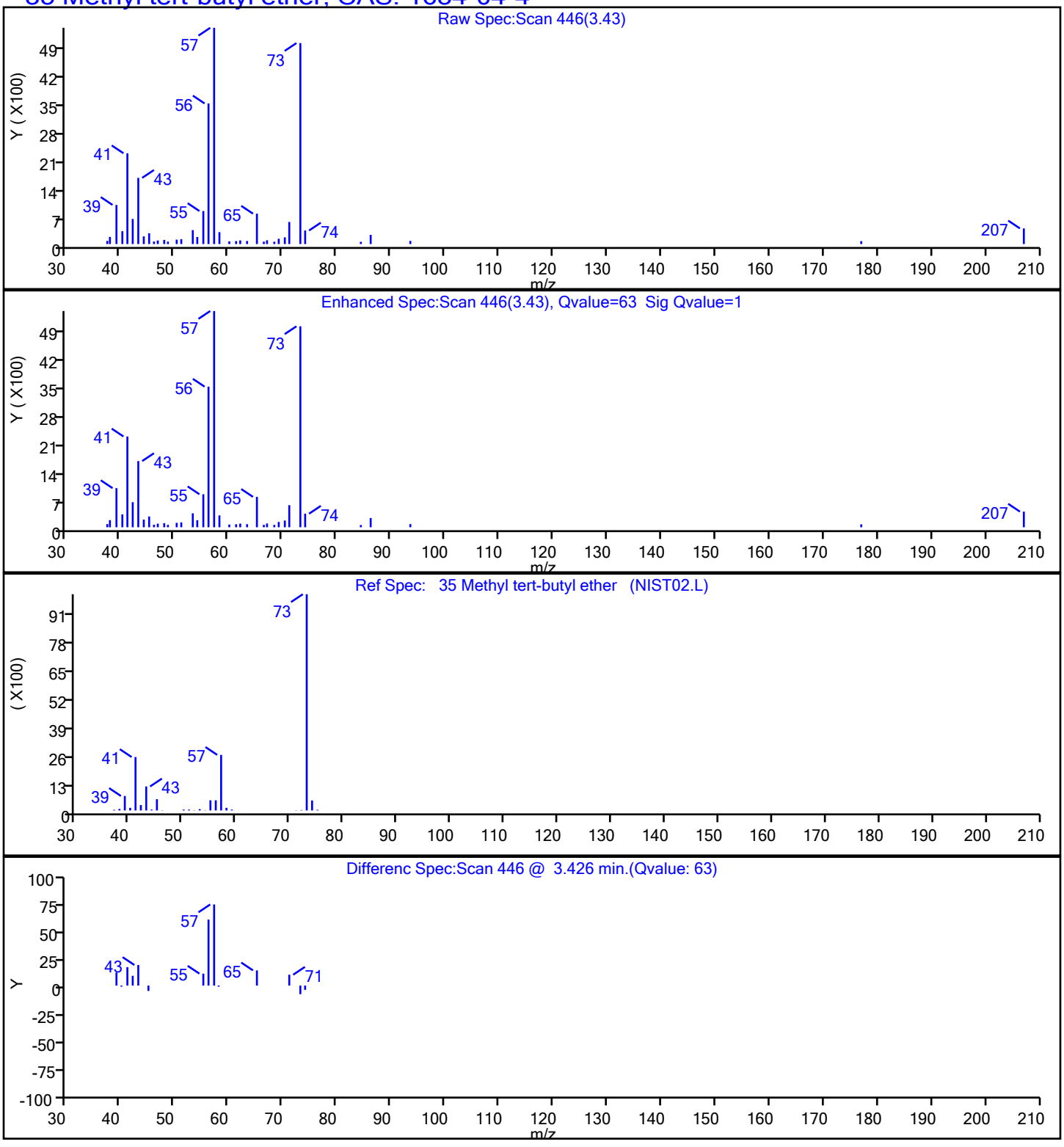
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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

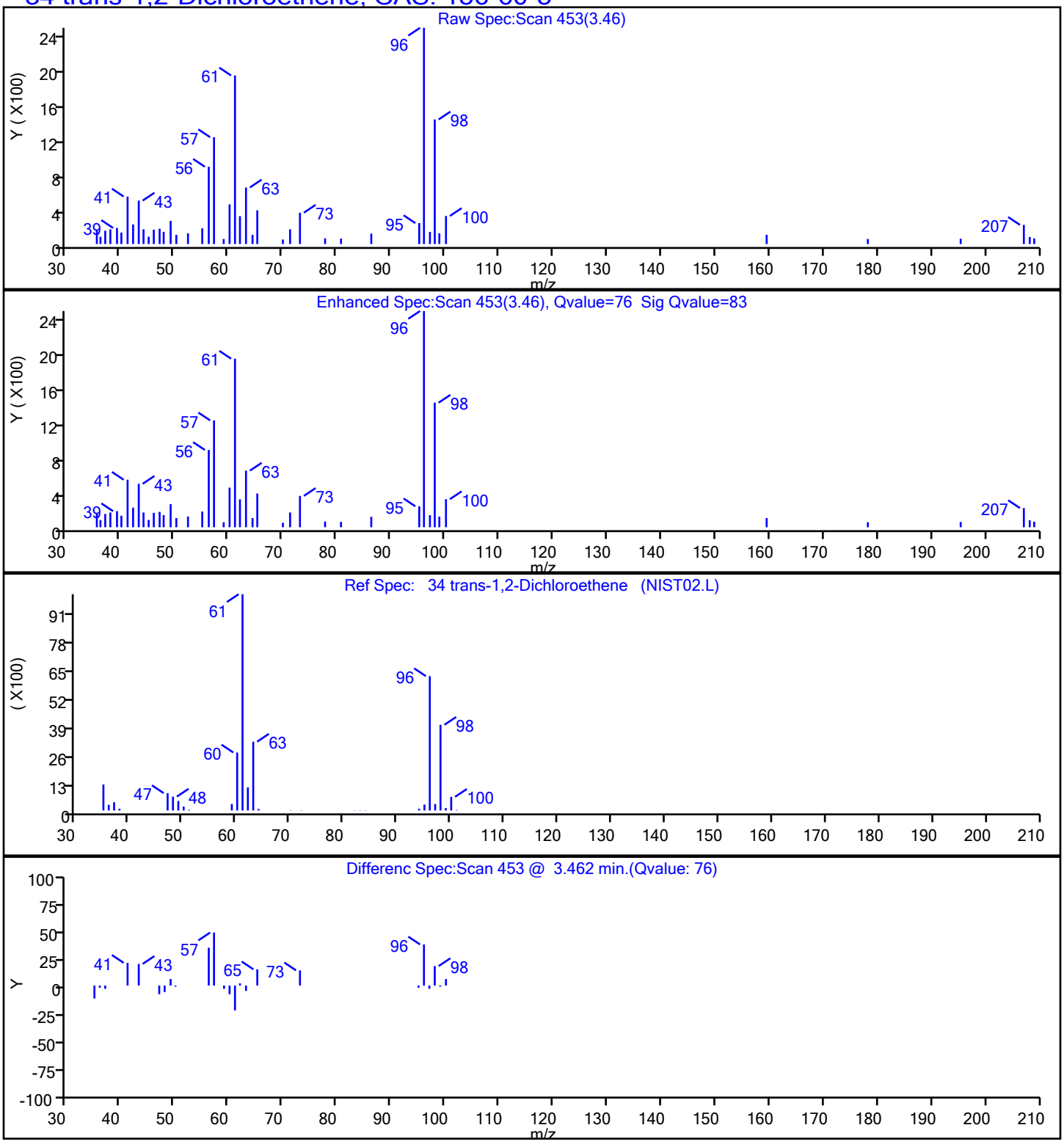


11/10/2023
2:16 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D		
Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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



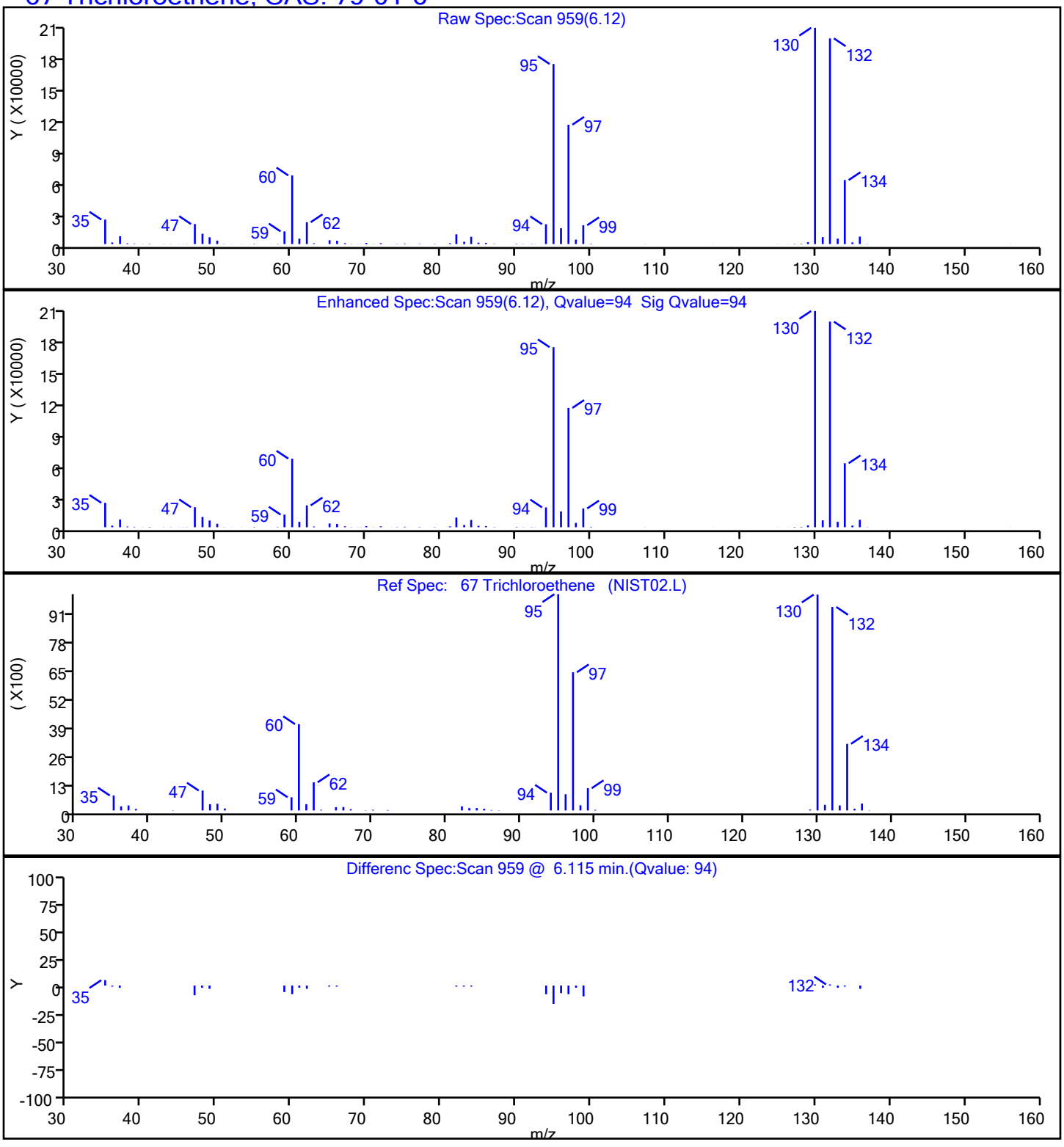
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6

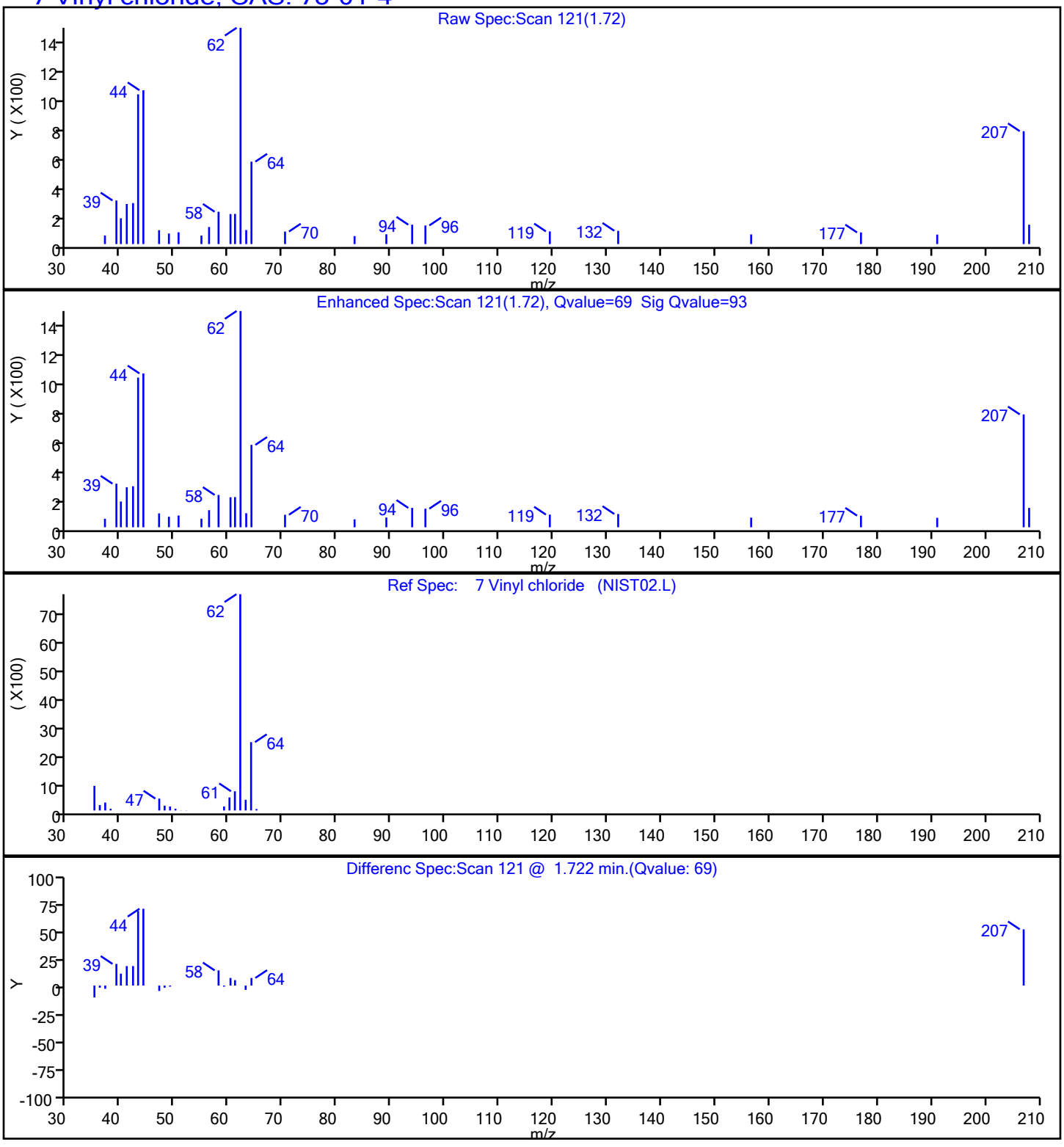


11/10/2023
2:16 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Injection Date: 08-Nov-2023 18:16:31 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-2 Lab Sample ID: 460-292076-2
Client ID: NL-MW-Dup_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



Manual Integration/User Assign Peak Report

Eurofins Edison

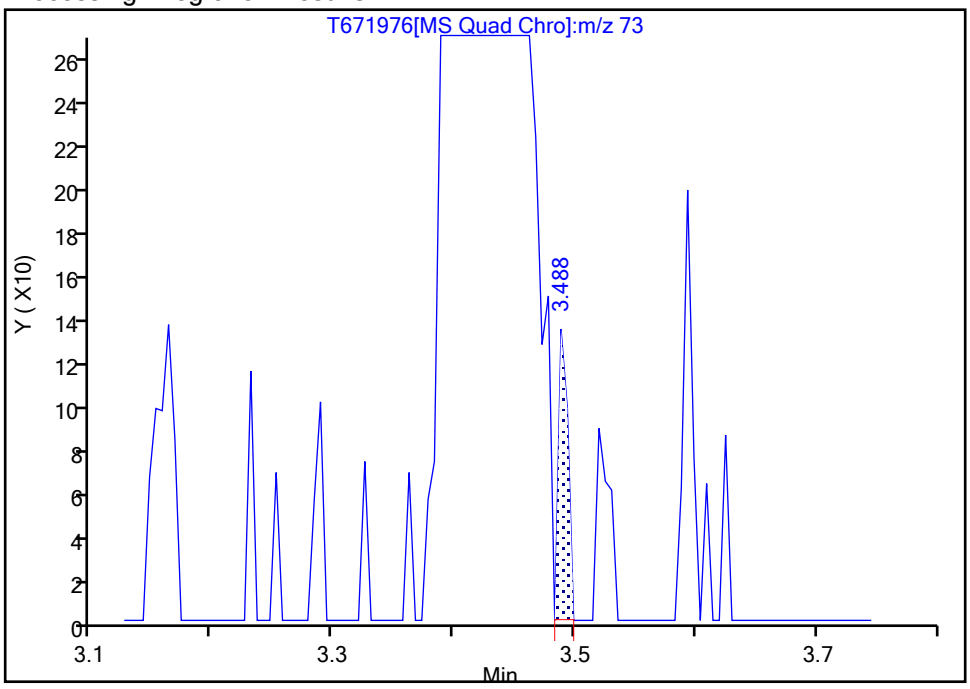
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D				
Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

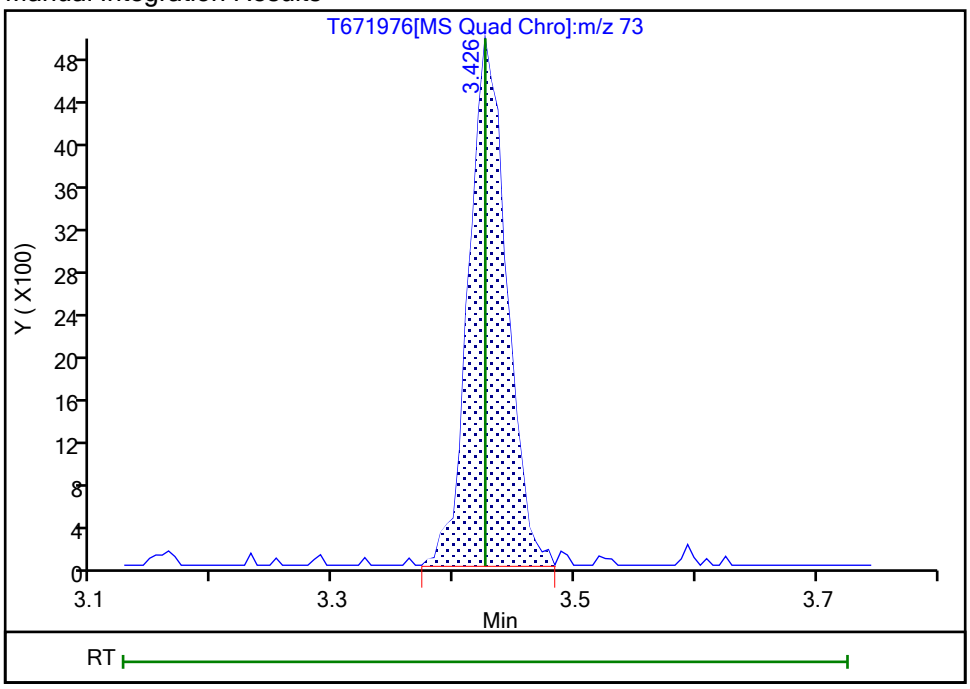
Processing Integration Results

RT: 3.49
Area: 72
Amount: 0.005971
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 10781
Amount: 0.894100
Amount Units: ug/l



Reviewer: XE5L, 09-Nov-2023 10:42:42 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	90		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D
Lims ID: 460-292076-B-3
Client ID: NL-FB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:46:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-3
Misc. Info.: 460-0168581-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	98	34104	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	268339	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	174175	43.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	88	160358	45.1	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	660193	50.0	
* 73 1,4-Dioxane-d8	96	6.524	6.535	-0.011	1	29754	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	660763	52.4	
* 94 Chlorobenzene-d5	117	9.843	9.838	0.005	82	504914	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	94	222968	49.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	265208	50.0	

Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 01:02:17 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D

Injection Date: 08-Nov-2023 16:46:07 Instrument ID: CVOAMS15

Lims ID: 460-292076-B-3 Lab Sample ID: 460-292076-3

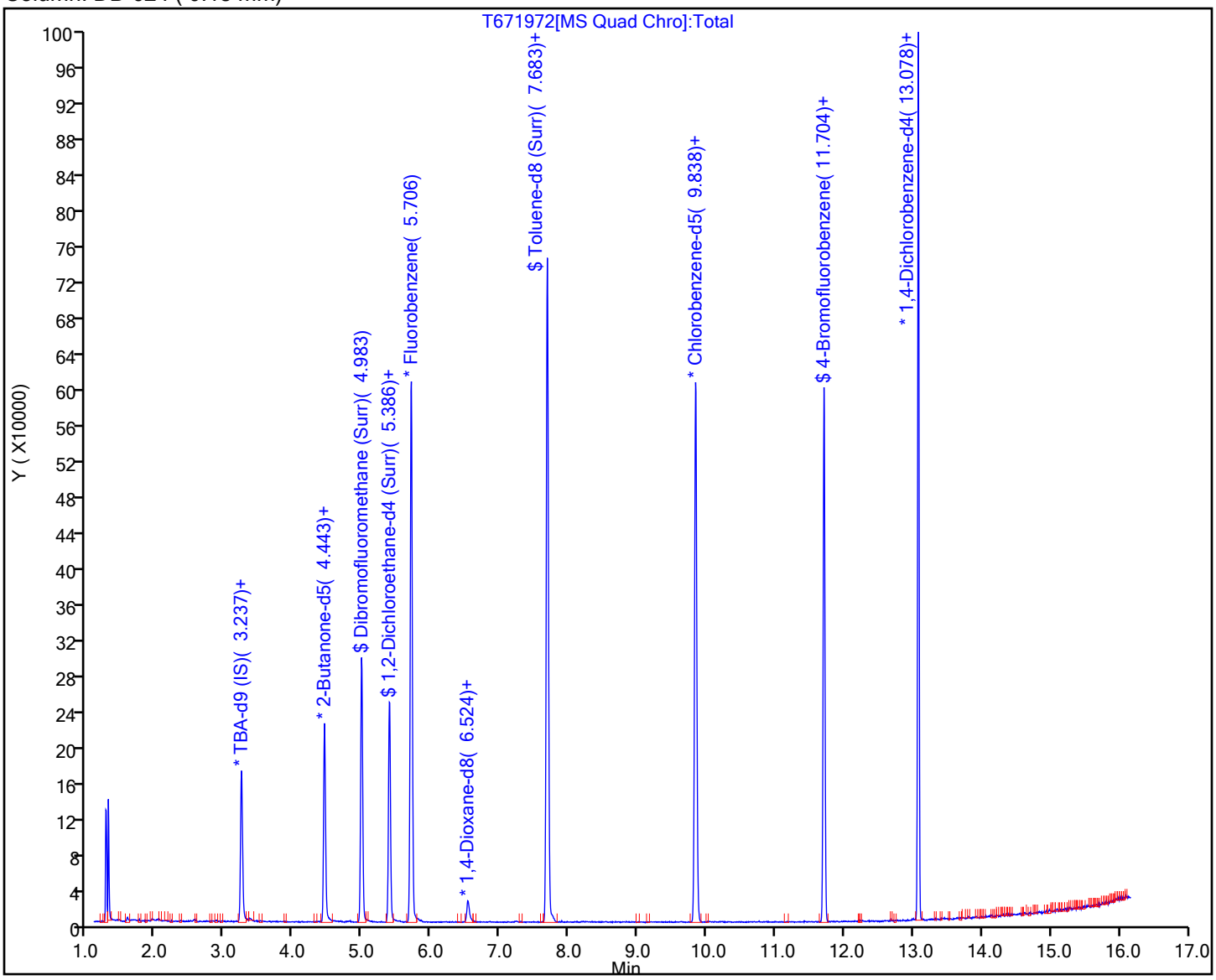
Client ID: NL-FB-01_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D
Lims ID: 460-292076-B-3
Client ID: NL-FB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:46:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-3
Misc. Info.: 460-0168581-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.0	85.91
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.1	90.13
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.78
$ 105 4-Bromofluorobenzene	50.0	49.4	98.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	91		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D
Lims ID: 460-292076-B-4
Client ID: NL-TB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:23:25 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-4
Misc. Info.: 460-0168581-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	97	33327	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	272931	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	179070	43.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	97	164789	45.3	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	675236	50.0	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	30254	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	678422	52.7	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	515399	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	95	228294	49.6	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	93	269823	50.0	

Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 01:02:07 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D

Injection Date: 08-Nov-2023 16:23:25 Instrument ID: CVOAMS15

Lims ID: 460-292076-B-4 Lab Sample ID: 460-292076-4

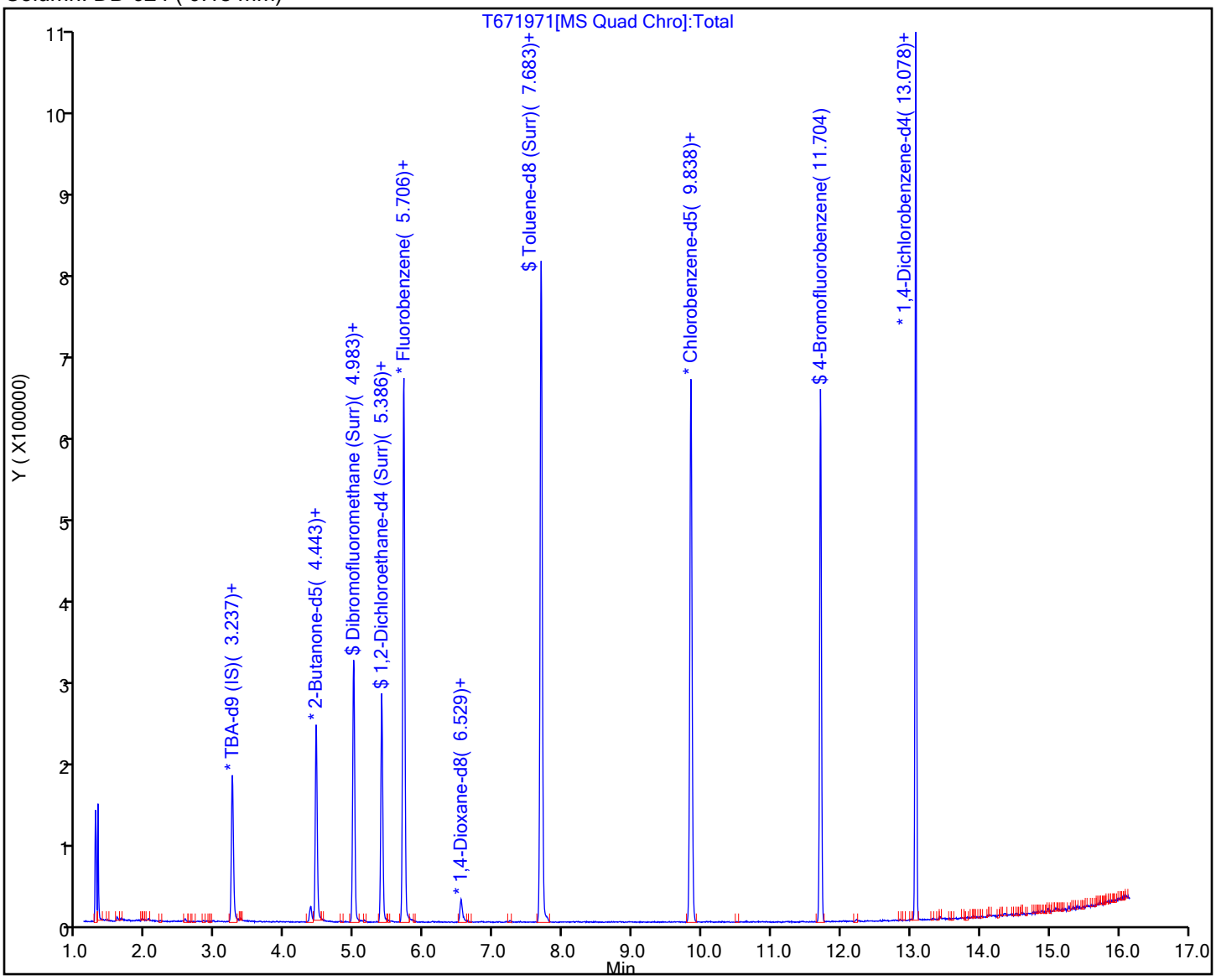
Client ID: NL-TB-01_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D
Lims ID: 460-292076-B-4
Client ID: NL-TB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:23:25 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-4
Misc. Info.: 460-0168581-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.2	86.36
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.55
$ 83 Toluene-d8 (Surr)	50.0	52.7	105.39
$ 105 4-Bromofluorobenzene	50.0	49.6	99.11

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.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 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0753	0.1187 0.0776	0.1287	0.1165	0.1145	QuaF		0.0803	-0.000006						0.9960		0.9900
Dichlorodifluoromethane	+++++ 0.4067	0.3927 0.4468	0.4254	0.3849	0.4048	Ave		0.4102			0.1000	5.5		20.0			
Chlorodifluoromethane	+++++ 0.0489	0.0668 0.0518	0.0691	0.0580	0.0531	Ave		0.0579				14.3		20.0			
Chloromethane	+++++ 0.3597	0.4133 0.4173	0.4469	0.3692	0.3953	Ave		0.4003			0.1000	8.1		20.0			
Vinyl chloride	+++++ 0.4662	0.5129 0.4934	0.5565	0.5002	0.5114	Ave		0.5068			0.1000	5.9		20.0			
Butadiene	0.9317 0.4217	0.5116 0.4480	0.5093	0.4719	0.4834	Lin2	0.1170	0.4514							0.9940		0.9900
Bromomethane	+++++ 0.3122	0.3652 +++++	0.3714	0.3093	0.2235	Ave		0.3164			0.1000	18.8		20.0			
Chloroethane	+++++ 2.5912	2.9333 3.1531	2.8353	2.6578	3.2090	Ave		2.8966			0.1000	8.7		20.0			
Dichlorofluoromethane	+++++ 0.6683	0.6405 0.7720	0.7449	0.6254	0.6856	Ave		0.6895				8.4		20.0			
Trichlorofluoromethane	+++++ 0.5435	0.5654 0.6326	0.5966	0.5547	0.6013	Ave		0.5824			0.1000	5.8		20.0			
Pentane	+++++ 0.0355	0.0403 0.0393	0.0380	0.0354	0.0367	Ave		0.0375				5.3		20.0			
Ethanol	+++++ 0.3867	0.3153 0.4735	0.5379	0.4127	0.4007	Ave		0.4211				18.2		20.0			
Ethyl ether	+++++ 0.2233	0.2912 0.2529	0.2684	0.2086	0.2117	Ave		0.2427				13.8		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2226	0.2129 0.2544	0.2023	0.2072	0.2222	Ave		0.2203				8.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3060	0.3201 0.3264	0.3513	0.3092	0.3188	Ave		0.3220				5.0		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4849	0.5011 0.5236	0.5555	0.4780	0.4996	Ave		0.5071				5.6		20.0			
Freon TF	+++++ 0.3127	0.3129 0.3396	0.3086	0.3164	0.3252	Ave		0.3193			0.1000	3.6		20.0			
Acrolein	+++++ 0.0497	0.0494 0.0546	0.0474	0.0464	0.0457	Ave		0.0489				6.6		20.0			
1,1-Dichloroethene	+++++ 0.2634	0.3137 0.2850	0.2732	0.2546	0.2692	Ave		0.2765			0.1000	7.5		20.0			
Acetone	+++++ 0.8352	0.8707 0.8192	0.9240	0.7252	0.7341	Ave		0.8181			0.0500	9.5		20.0			
Iodomethane	+++++ 0.4434	0.2436 0.4020	0.3264	0.3855	0.4366	Lin2	-0.177	0.4105							0.9940		0.9900
Carbon disulfide	+++++ 0.5707	0.6272 0.6228	0.6183	0.5558	0.5890	Ave		0.5973			0.1000	5.0		20.0			
Isopropyl alcohol	+++++ 4.2638	5.1134 5.0243	5.5273	4.3316	4.4557	Ave		4.7860				10.7		20.0			
3-Chloro-1-propene	+++++ 0.1717	0.1810 0.1740	0.1967	0.1745	0.1812	Ave		0.1798				5.1		20.0			
Methyl acetate	+++++ 0.1804	0.1843 0.2002	0.1980	0.1631	0.1739	Ave		0.1833			0.1000	7.7		20.0			
Cyclopentene	+++++ 0.4858	0.4763 0.5267	0.4606	0.4704	0.4854	Ave		0.4842				4.7		20.0			
Acetonitrile	+++++ 0.3333	0.3239 0.3355	0.3975	0.2993	0.3022	Ave		0.3320				10.7		20.0			
Methylene Chloride	+++++ 0.3425	0.3708 0.3633	0.4100	0.3282	0.3396	Ave		0.3591			0.1000	8.2		20.0			
2-Methyl-2-propanol	+++++ 7.4543	10.321 7.8558	10.587	7.6156	7.7269	Ave		8.5935				16.9		20.0			
MTBE	+++++ 0.8222	0.7232 0.8921	0.9233	0.7580	0.8077	Ave		0.8211			0.1000	9.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3061	0.3545 0.3445	0.3430	0.2969	0.3073	Ave		0.3254			0.1000	7.6		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Acrylonitrile	0.2270 0.1053	0.0917 0.1145	0.1150	0.0937	0.0965	QuaF		0.0984	0.0000032						1.0000		0.9900
Hexane	+++++ 0.2436	0.2483 0.2550	0.2479	0.2479	0.2621	Ave		0.2508				2.6		20.0			
Isopropyl ether	+++++ 0.8392	0.8131 0.9108	0.9292	0.7811	0.8213	Ave		0.8491				6.9		20.0			
1,1-Dichloroethane	+++++ 0.5637	0.5723 0.6014	0.5839	0.5150	0.5424	Ave		0.5631			0.2000	5.5		20.0			
Vinyl acetate	+++++ 0.6359	0.5470 0.6172	0.7552	0.6494	0.6324	Ave		0.6395				10.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2791	0.2634 0.3069	0.2791	0.2623	0.2791	Ave		0.2783				5.8		20.0			
Tert-butyl ethyl ether	+++++ 0.8119	0.6984 0.8679	0.8827	0.7460	0.7917	Ave		0.7998				8.8		20.0			
2,2-Dichloropropane	+++++ 0.1290	0.1587 0.1384	0.1420	0.1220	0.1267	Ave		0.1361				9.8		20.0			
cis-1,2-Dichloroethene	+++++ 0.3972	0.4090 0.4284	0.4300	0.3683	0.3862	Ave		0.4032			0.1000	6.0		20.0			
2-Butanone	+++++ 0.3764	0.3899 0.3759	0.4503	0.3378	0.3416	Ave		0.3787			0.0500	10.8		20.0			
Ethyl acetate	+++++ 0.2944	0.4049 0.3067	0.3685	0.2768	0.2886	Ave		0.3233				15.9		20.0			
Methyl acrylate	+++++ 0.2322	0.2071 0.2418	0.2670	0.2234	0.2273	Ave		0.2331				8.6		20.0			
Propionitrile	+++++ 0.0378	0.0393 0.0405	0.0453	0.0376	0.0379	Ave		0.0397				7.4		20.0			
Chlorobromomethane	+++++ 0.2011	0.1959 0.2095	0.2449	0.1926	0.1957	Ave		0.2066				9.5		20.0			
Tetrahydrofuran	+++++ 0.3761	0.6303 0.3735	0.4986	0.3744	0.3693	Lin2	0.5204	0.3817							0.9920		0.9900
Methacrylonitrile	+++++ 0.1365	0.1116 0.1515	0.1405	0.1160	0.1240	Ave		0.1300				11.8		20.0			
Chloroform	+++++ 0.6329	0.6044 0.6800	0.6886	0.5781	0.6045	Ave		0.6314			0.2000	7.1		20.0			
Cyclohexane	+++++ 0.3858	0.3993 0.4196	0.3862	0.3767	0.4015	Ave		0.3948			0.1000	3.9		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.5152	0.5144 0.5544	0.5458	0.4883	0.5228	Ave		0.5235			0.1000	4.6		20.0			
Carbon tetrachloride	+++++ 0.4651	0.4727 0.5012	0.4723	0.4566	0.4720	Ave		0.4733			0.1000	3.2		20.0			
1,1-Dichloropropene	+++++ 0.4098	0.4042 0.4359	0.4164	0.3926	0.4112	Ave		0.4117				3.5		20.0			
Isobutyl alcohol	+++++ 4.2324	4.5757 4.9266	4.8485	4.0935	4.1282	Ave		4.4675				8.2		20.0			
Isooctane	+++++ 0.6465	0.5947 0.6863	0.6331	0.5930	0.6383	Ave		0.6320				5.5		20.0			
Benzene	+++++ 1.4786	1.5066 1.4782	1.6370	1.4474	1.4846	Ave		1.5054			0.5000	4.5		20.0			
Tert-amyl methyl ether	+++++ 0.8626	0.7109 0.9234	0.9354	0.7642	0.8289	Ave		0.8376				10.6		20.0			
Isopropyl acetate	+++++ 0.1485	0.1412 0.1602	0.1725	0.1358	0.1388	Ave		0.1495				9.5		20.0			
1,2-Dichloroethane	+++++ 0.3628	0.4258 0.3821	0.4078	0.3393	0.3468	Ave		0.3774			0.1000	9.1		20.0			
n-Heptane	+++++ 0.2034	0.1931 0.2095	0.2083	0.2042	0.2062	Ave		0.2041				2.9		20.0			
n-Butanol	+++++ 1.9787	2.1577 2.3664	2.2732	1.8674	1.9681	Ave		2.1019				9.3		20.0			
Trichloroethene	+++++ 0.3541	0.3427 0.3880	0.3666	0.3279	0.3494	Ave		0.3548			0.2000	5.8		20.0			
Methylcyclohexane	+++++ 0.4203	0.4314 0.4459	0.4077	0.4080	0.4287	Ave		0.4237			0.1000	3.5		20.0			
Ethyl acrylate	+++++ 0.5971	0.5486 0.6418	0.6125	0.5524	0.5846	Ave		0.5895				6.1		20.0			
1,2-Dichloropropane	+++++ 0.3319	0.3286 0.3483	0.3626	0.3062	0.3279	Ave		0.3343			0.1000	5.8		20.0			
Methyl methacrylate	+++++ 0.0811	0.0813 0.0866	0.0908	0.0765	0.0758	Ave		0.0820				7.1		20.0			
1,4-Dioxane	+++++ 1.5303	1.2277 1.6038	1.4960	1.2843	1.2119	Ave		1.3923				12.3		20.0			
Dibromomethane	+++++ 0.2278	0.2365 0.2332	0.2703	0.2142	0.2212	Ave		0.2339				8.4		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3298	0.2815 0.3505	0.3584	0.2999	0.3203	Ave		0.3234				9.1		20.0			
Bromodichloromethane	+++++ 0.4722	0.4621 0.4968	0.5182	0.4304	0.4565	Ave		0.4727			0.2000	6.6		20.0			
2-Nitropropane	+++++ 0.0588	0.0544 0.0636	0.0735	0.0556	0.0566	Ave		0.0604				11.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0402	0.0404 0.0416	0.0453	0.0410	0.0406	Ave		0.0415				4.6		20.0			
Epichlorohydrin	0.5819 0.2699	0.2796 0.2670	0.3244	0.2608	0.2657	QuaF		0.2709	0						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.6598	0.6590 0.6505	0.7502	0.6367	0.6664	Ave		0.6704			0.2000	6.0		20.0			
4-Methyl-2-pentanone	+++++ 2.3380	2.1233 2.2708	2.6279	2.1673	2.2738	Ave		2.3002			0.0500	7.8		20.0			
Toluene	+++++ 1.6795	1.8201 1.6607	1.8526	1.6250	1.6789	Ave		1.7195			0.4000	5.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5864	0.5260 0.5781	0.6698	0.5530	0.5767	Ave		0.5817			0.1000	8.3		20.0			
Ethyl methacrylate	+++++ 0.4127	0.4018 0.4084	0.4656	0.3953	0.4086	Ave		0.4154				6.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3136	0.2889 0.3053	0.3822	0.3087	0.3125	Ave		0.3185			0.1000	10.2		20.0			
Tetrachloroethene	+++++ 0.4805	0.4918 0.4835	0.5245	0.4780	0.4923	Ave		0.4918			0.2000	3.5		20.0			
1,3-Dichloropropane	+++++ 0.5707	0.5767 0.5476	0.6859	0.5607	0.5755	Ave		0.5862				8.5		20.0			
2-Hexanone	+++++ 1.6117	1.5855 1.5691	1.8618	1.4812	1.5321	Ave		1.6069			0.0500	8.3		20.0			
n-Butyl acetate	+++++ 0.3975	0.4563 0.3971	0.4753	0.3932	0.4053	Ave		0.4208				8.5		20.0			
Dibromochloromethane	+++++ 0.4724	0.4274 0.4663	0.5226	0.4513	0.4742	Ave		0.4690			0.1000	6.7		20.0			
1,2-Dibromoethane	+++++ 0.3789	0.3862 0.3628	0.4595	0.3802	0.3827	Ave		0.3917			0.1000	8.7		20.0			
Chlorobenzene	+++++ 1.1710	1.1067 1.1642	1.3427	1.1303	1.1644	Ave		1.1799			0.5000	7.1		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6266	0.6206 0.6599	0.6848	0.5907	0.6098	Ave		0.6321			0.1000	5.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4679	0.4599 0.4769	0.5192	0.4422	0.4603	Ave		0.4711				5.6		20.0			
m-Xylene & p-Xylene	+++++ 0.7212	0.7351 0.7387	0.8141	0.7035	0.7349	Ave		0.7412			0.1000	5.1		20.0			
o-Xylene	+++++ 0.7417	0.7213 0.7815	0.8210	0.6976	0.7299	Ave		0.7488			0.3000	6.0		20.0			
n-Butyl acrylate	+++++ 0.2796	0.2667 0.2885	0.3032	0.2587	0.2674	Ave		0.2773				5.9		20.0			
Styrene	+++++ 1.2667	1.0839 1.2550	1.3689	1.1868	1.2297	Ave		1.2318			0.3000	7.7		20.0			
Bromoform	+++++ 0.3300	0.3194 0.3367	0.3622	0.3055	0.3208	Ave		0.3291			0.1000	5.9		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8315	0.8343 0.8942	0.9761	0.8268	0.8502	Ave		0.8688				6.7		20.0			
Isopropylbenzene	+++++ 1.8191	1.7189 1.7947	1.9772	1.7591	1.8325	Ave		1.8169			0.1000	4.9		20.0			
Bromobenzene	+++++ 0.9884	0.9081 1.0745	1.1105	0.9387	0.9790	Ave		0.9999				7.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7852	0.7827 0.8483	0.9062	0.7657	0.7760	Ave		0.8107			0.3000	6.8		20.0			
N-Propylbenzene	+++++ 3.9377	3.7597 4.0307	4.2599	3.7989	3.9808	Ave		3.9613				4.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2377	0.2826 0.2538	0.2909	0.2395	0.2371	Ave		0.2569				9.4		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1638	0.1633 0.1779	0.1804	0.1527	0.1556	Ave		0.1656				6.9		20.0			
2-Chlorotoluene	+++++ 2.5901	2.3777 2.8034	2.8634	2.4382	2.5471	Ave		2.6033				7.5		20.0			
4-Ethyltoluene	+++++ 3.2549	3.0568 3.4259	3.5628	3.1645	3.2904	Ave		3.2926				5.5		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6936	2.3728 2.8537	2.9252	2.5150	2.6473	Ave		2.6679				7.7		20.0			
4-Chlorotoluene	+++++ 2.6110	2.4046 2.7754	2.8785	2.4646	2.5738	Ave		2.6180				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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8855	0.7591 0.9640	0.9084	0.7888	0.8658	Ave		0.8619				8.8		20.0			
tert-Butylbenzene	+++++ 2.3175	2.1621 2.5113	2.4399	2.1795	2.2746	Ave		2.3141				6.0		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8507	2.6016 2.9765	2.9989	2.6091	2.7426	Ave		2.7965				6.2		20.0			
sec-Butylbenzene	+++++ 3.3549	2.9727 3.4215	3.4195	3.1300	3.2878	Ave		3.2644				5.5		20.0			
1,3-Dichlorobenzene	+++++ 1.8188	1.5606 2.0032	1.8333	1.5968	1.6959	Ave		1.7514			0.6000	9.5		20.0			
4-Isopropyltoluene	+++++ 2.9558	2.5047 3.1013	2.9168	2.6333	2.8148	Ave		2.8211				7.8		20.0			
1,4-Dichlorobenzene	+++++ 1.8012	1.5219 1.9317	1.9579	1.6195	1.7148	Ave		1.7578			0.5000	9.8		20.0			
1,2,3-Trimethylbenzene	+++++ 2.7514	2.5367 2.8706	3.0130	2.6122	2.7352	Ave		2.7532				6.3		20.0			
Benzyl chloride	+++++ 1.5506	1.2933 1.6510	1.6982	1.4773	1.5619	Ave		1.5387				9.3		20.0			
Indan	+++++ 2.8101	2.4087 2.8917	3.0047	2.5368	2.7170	Ave		2.7282				8.2		20.0			
p-Diethylbenzene	+++++ 1.7549	1.4376 1.9319	1.7162	1.5418	1.6441	Ave		1.6711				10.3		20.0			
n-Butylbenzene	+++++ 1.4066	1.2391 1.5264	1.3771	1.2471	1.3459	Ave		1.3570				7.9		20.0			
1,2-Dichlorobenzene	+++++ 1.6056	1.3404 1.6899	1.7093	1.4342	1.4876	Ave		1.5445			0.4000	9.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3446	1.8878 2.5398	2.3266	2.0240	2.2027	Ave		2.2209				10.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1771	0.1670 0.1899	0.1999	0.1607	0.1723	Ave		0.1778			0.0500	8.3		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0084	0.9100 1.1410	1.0508	0.9093	0.9986	Ave		1.0030				8.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8077	0.6766 0.9122	0.7795	0.6928	0.7594	Ave		0.7713			0.2000	11.1		20.0			
Hexachlorobutadiene	+++++ 0.3916	0.3857 0.4232	0.3876	0.3406	0.3686	Ave		0.3829				7.1		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.6530	1.1525 1.7770	1.5912	1.4127	1.5371	Ave		1.5206				14.3		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5875	0.4430 0.6461	0.6007	0.5033	0.5425	Ave		0.5538				13.2		20.0			
Dibromofluoromethane (Surr)	0.3112 0.3051	0.3096 0.3134	0.3039	0.3021	0.3043	Ave		0.3071				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2769 0.2571	0.2733 0.2673	0.2718	0.2757	0.2644	Ave		0.2695				2.6		20.0			
Toluene-d8 (Surr)	1.2713 1.2308	1.2663 1.1503	1.2717	1.2768	1.2760	Ave		1.2490				3.7		20.0			
Bromofluorobenzene	0.4490 0.4293	0.4669 0.4042	0.4650	0.4605	0.4535	Ave		0.4469				5.1		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 196745	1335 549283	7418	27879	71932	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1062953	4417 3161330	24526	92151	254309	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 127880	751 366233	3986	13873	33380	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 940014	4649 2952450	25769	88389	248355	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1218469	5769 3491006	32086	119730	321283	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Lin2	2380 1102088	5755 3169368	29365	112959	303698	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 815999	4108 +++++	21416	74051	140452	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	BUT	Ave	+++++ 659689	2869 2325861	14735	59244	188913	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1746662	7204 5461965	42952	149714	430774	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1420483	6360 4475632	34400	132797	377789	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 185793	906 555801	4386	16927	46180	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd9	Ave	+++++ 135398	440 420178	3759	12975	32415	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 583609	3276 1789249	15477	49942	132990	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 581737	2395 1799904	11665	49600	139618	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 799630	3600 2309194	20257	74024	200278	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	5637	32028	114424	313914	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1267163	3704672				200	500			
Freon TF	FB	Ave	+++++ 817353	3520 2402570	17795	75754	204296	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	Ave	+++++ 129771	2224 309111	10931	22194	57455	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 688512	3529 2016668	15750	60946	169123	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1063162	4258 3021458	24011	80825	216091	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Lin2	+++++ 1158888	2740 2843725	18820	92294	274312	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1491493	7055 4406476	35649	133056	370096	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 373189	1784 1114647	9656	34044	90119	+++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	+++++ 448792	2036 1230718	11340	41773	113849	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 942933	4145 2832054	22830	78103	218530	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1269711	5358 3726332	26558	112602	304979	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	+++++ 848484	3168 2474742	20658	66720	177923	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 895001	4171 2570342	23638	78573	213402	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 652445	3601 1742808	18495	59854	156280	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 2148851	8135 6311419	53238	181448	507494	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 799946	3987 2437438	19778	71069	193046	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	4640 2750880	10318 8097217	66333	224201	606324	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 636511	2793 1804067	14291	59346	164649	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2193097	9146 6443545	53577	186980	516041	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1473316	6437 4255034	33668	123283	340767	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 323798	1070 910507	7849	28953	74464	+++++ 400	2.00 1000	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chloro-1,3-butadiene	FB	Ave	+++++ 729295	2963 2171358	16090	62784	175383	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 2121888	7856 6140019	50893	178591	497429	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 337035	1785 979035	8189	29210	79591	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 1038047	4601 3030768	24793	88174	242658	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 479092	1907 1386545	11702	37645	100542	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 149915	792 452461	3830	12340	33985	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 606731	2329 1710892	15393	53486	142783	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	+++++ 986715	4426 2867257	26117	90068	238164	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 525601	2204 1482386	14121	46105	122930	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Lin2	+++++ 191494	1233 551065	5182	16693	43483	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 3568233	12549 10716072	81008	277597	779196	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1654036	6798 4810811	39702	138381	379796	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1008330	4491 2968247	22265	90169	252284	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1346344	5786 3922059	31472	116881	328471	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1215486	5317 3545744	27232	109300	296539	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1070871	4546 3083577	24011	93975	258380	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 926111	3991 2732406	21175	80432	208737	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1689488	6689 4855115	36501	141957	401017	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 3365736	14000 9588875	77855	282821	774476	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2254421	7996 6532881	53934	182934	520795	+++++ 200	1.00 500	5.00	20.0	50.0

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 387974	1588 1133146	9947	32516	87225	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 948071	4790 2703571	23510	81215	217888	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 531472	2172 1482189	12012	48887	129536	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 432964	1882 1312465	9928	36691	99517	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 925416	3855 2744695	21138	78487	219529	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1098560	4852 3154926	23508	97675	269339	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1560586	6171 4540953	35315	132232	367335	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 867434	3696 2464316	20906	73303	206040	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 423921	1829 1225023	10473	36622	95211	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 183982	1885 538491	4639	16326	42731	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 595334	2660 1649897	15586	51281	139008	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 861829	3166 2479494	20664	71795	201265	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1234118	5198 3515086	29876	103043	286808	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 307225	1223 900174	8474	26636	71160	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 105212	456 294908	2619	9833	25599	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	QuaF	2684 1374326	5469 3939031	33715	116278	312893	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1501890	6124 4219850	35681	124410	347641	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 2976113	10384 8375202	68286	241556	669299	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 3823082	16913 10772574	88113	317525	875850	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++	4888	31857	108045	300844	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1334808	3750113				200	500			
Ethyl methacrylate	CBNZd5	Ave	+++++ 939525	3734 2649492	22143	77238	213164	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 713908	2685 1980158	18176	60321	163003	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 1093699	4570 3136539	24947	93403	256794	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 1299053	5359 3552128	32621	109563	300204	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2051566	7754 5787412	48378	165084	450967	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZd5	Ave	+++++ 904815	4240 2576025	22608	76821	211419	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZd5	Ave	+++++ 1075296	3972 3024720	24855	88192	247392	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 862395	3589 2353733	21855	74293	199632	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 2665662	10284 7552022	63859	220861	607441	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 1426281	5767 4280467	32570	115422	318108	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 1065077	4274 3093484	24695	86396	240121	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 1641646	6831 4791677	38721	137465	383359	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1688302	6703 5069715	39047	136302	380789	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 636427	2478 1871169	14420	50550	139493	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 2883431	10072 8141024	65104	231888	641497	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 751217	2968 2184423	17228	59685	167335	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 1036434	4307 2964275	25305	88449	241680	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 4140794	15973 11641852	94039	343726	955961	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 1231953	4688 3561774	28790	100417	278309	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 978684	4041 2812099	23495	81909	220591	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 4907946	19410 13361322	110442	406397	1131607	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 296254	1459 841255	7541	25618	67413	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 204132	843 589831	4678	16333	44218	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 3228321	12275 9292992	74236	260828	724043	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 4056931	15781 11356398	92369	338525	935358	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 3357260	12250 9459727	75838	269045	752537	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 3254337	12414 9200095	74627	263651	731650	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	+++++ 1103714	3919 3195465	23550	84387	246125	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 2888558	11162 8324538	63256	233157	646586	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 3553102	13431 9866624	77749	279110	779621	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 4181536	15347 11341852	88653	334838	934612	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 2266954	8057 6640419	47530	170823	482089	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 3684154	12931 10280439	75620	281697	800168	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	7857	50760	173252	487475	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2244970	6403339				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 3429293	13096 9515792	78116	279449	777528	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 1932610	6677 5472880	44028	158036	444006	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 3502539	12435 9585517	77900	271383	772349	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 2187332	7422 6403883	44495	164936	467373	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 1753150	6397 5059785	35702	133411	382596	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 2001237	6920 5601667	44316	153421	422874	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 2922318	9746 8419176	60320	216526	626155	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 220785	862 629536	5182	17187	48969	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 1256887	4698 3782217	27242	97271	283855	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 1006665	3493 3023673	20208	74111	215884	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 488032	1991 1402806	10049	36434	104787	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 2060268	5950 5890503	41252	151122	436947	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 732254	2287 2141751	15573	53838	154223	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	158990 199323	174136 221694	175220	180807	191220	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	141496 167983	153697 189094	156719	165003	166148	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	534266 700419	588344 746156	604831	623694	665659	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	188678 244333	216926 262231	221164	224953	236557	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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Butadiene	2.7						30					
Iodomethane	+++++	2.4						30				
Tetrahydrofuran	+++++	-3.0						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 27-Oct-2023 12:09:48 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0167990-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:43:33 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: W9CM Date: 27-Oct-2023 13:22:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.748	1.748	0.000	82	2380	0.2500	0.2567	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	95	30418	1000.0	1000.0	
33 Acrylonitrile	53	3.536	3.536	0.000	99	4640	2.00	4.61	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	64	230633	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	95	158990	50.0	50.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.386	0.006	98	141496	50.0	51.4	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	510919	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.530	6.535	-0.005	1	27211	1000.0	1000.0	
80 Epichlorohydrin	57	7.332	7.326	0.006	87	2684	5.00	10.7	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	534266	50.0	50.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	420246	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	95	188678	50.0	50.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.078	-0.005	94	225364	50.0	50.0	

QC Flag Legend
Processing Flags

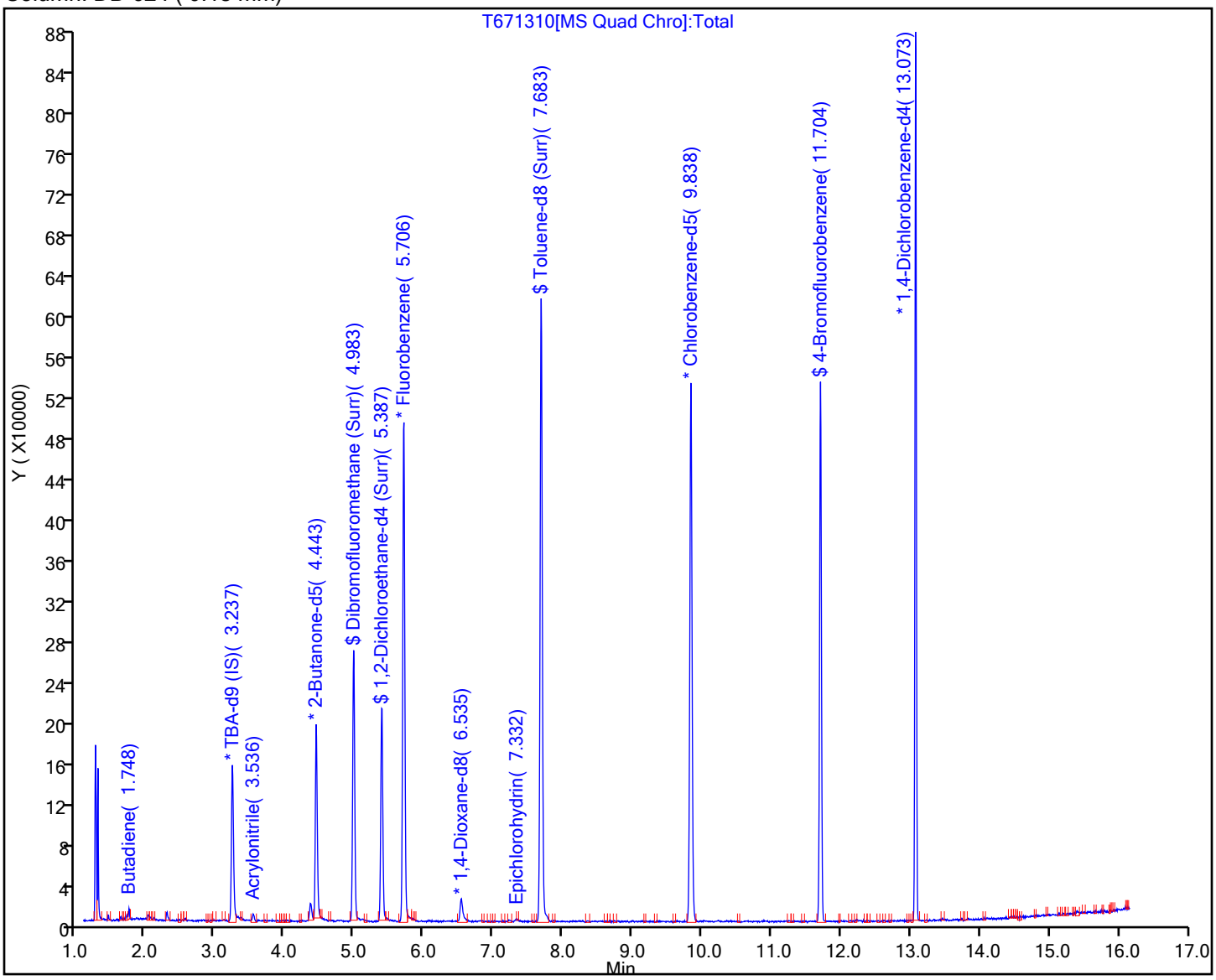
Reagents:

8260MIX1COMB_00177	Amount Added:	0.00	Units: uL	
GASES Li_00554	Amount Added:	2.50	Units: uL	
ACROLEIN W_00161	Amount Added:	0.00	Units: uL	
524FREONS_00009	Amount Added:	0.00	Units: uL	
14DIOXINTER_00162	Amount Added:	0.00	Units: uL	
GAS Hi_00454	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00118	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	0.00	Units: uL	
MIX I Hi_00169	Amount Added:	0.00	Units: uL	
7 Freons Hi_00007	Amount Added:	0.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	0.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	0.00	Units: uL	
VMTBA500_00041	Amount Added:	2.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:43:33 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

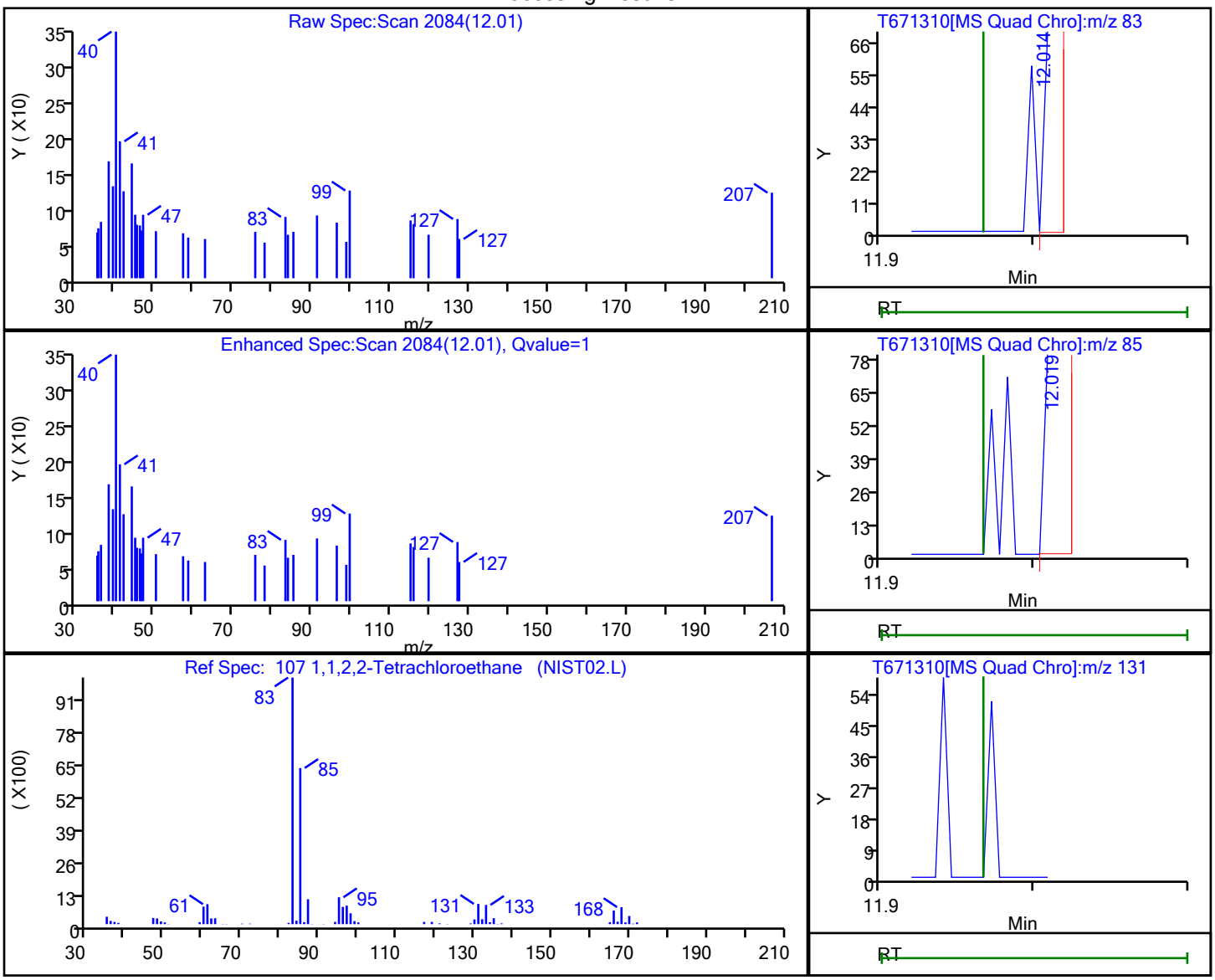
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
12.01	83.00	49	0.012487
12.02	85.00	89	
11.97	131.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

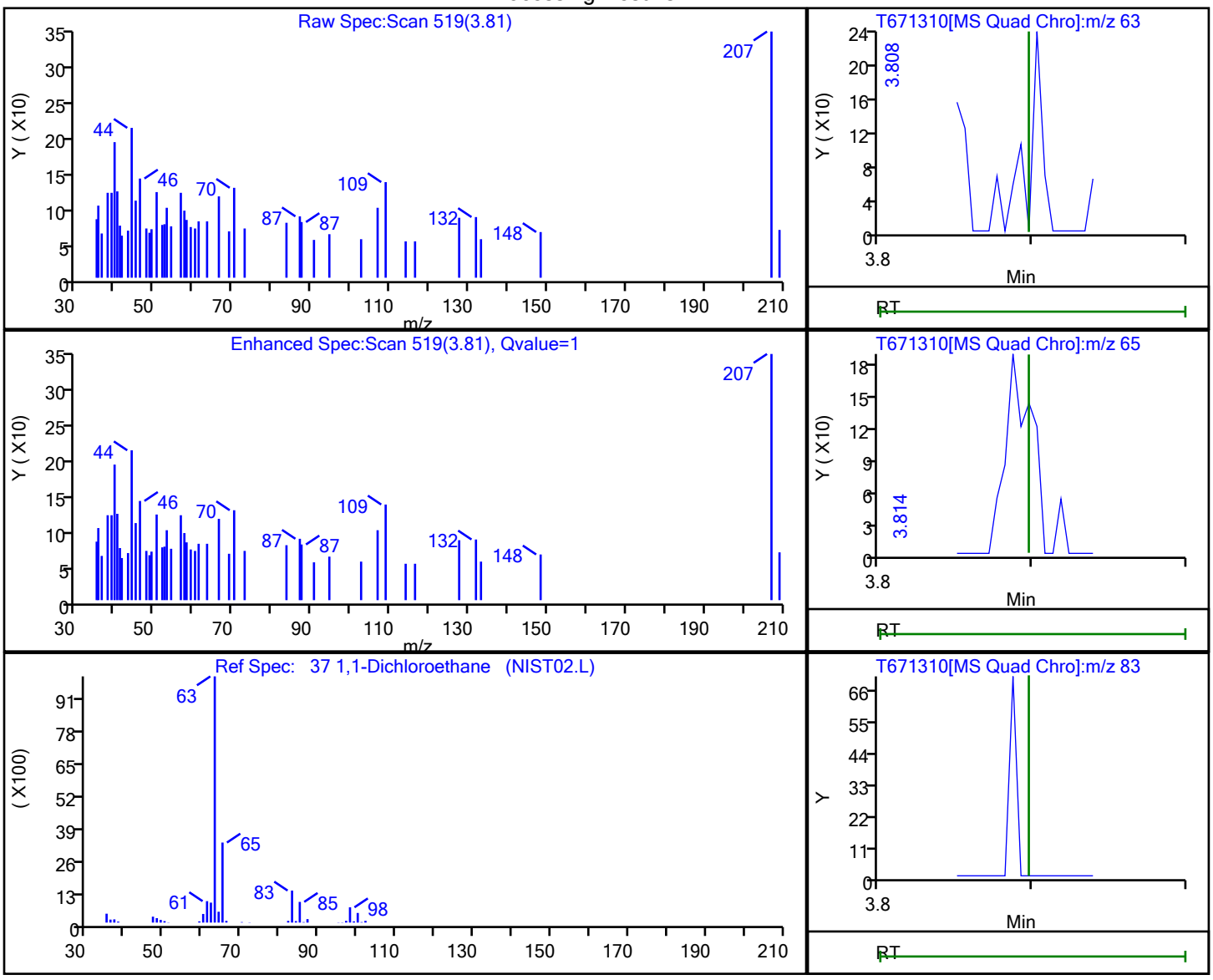
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.81	63.00	48	0.007511
3.81	65.00	40	
3.80	83.00	51	

Reviewer: W9CM, 27-Oct-2023 13:20:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

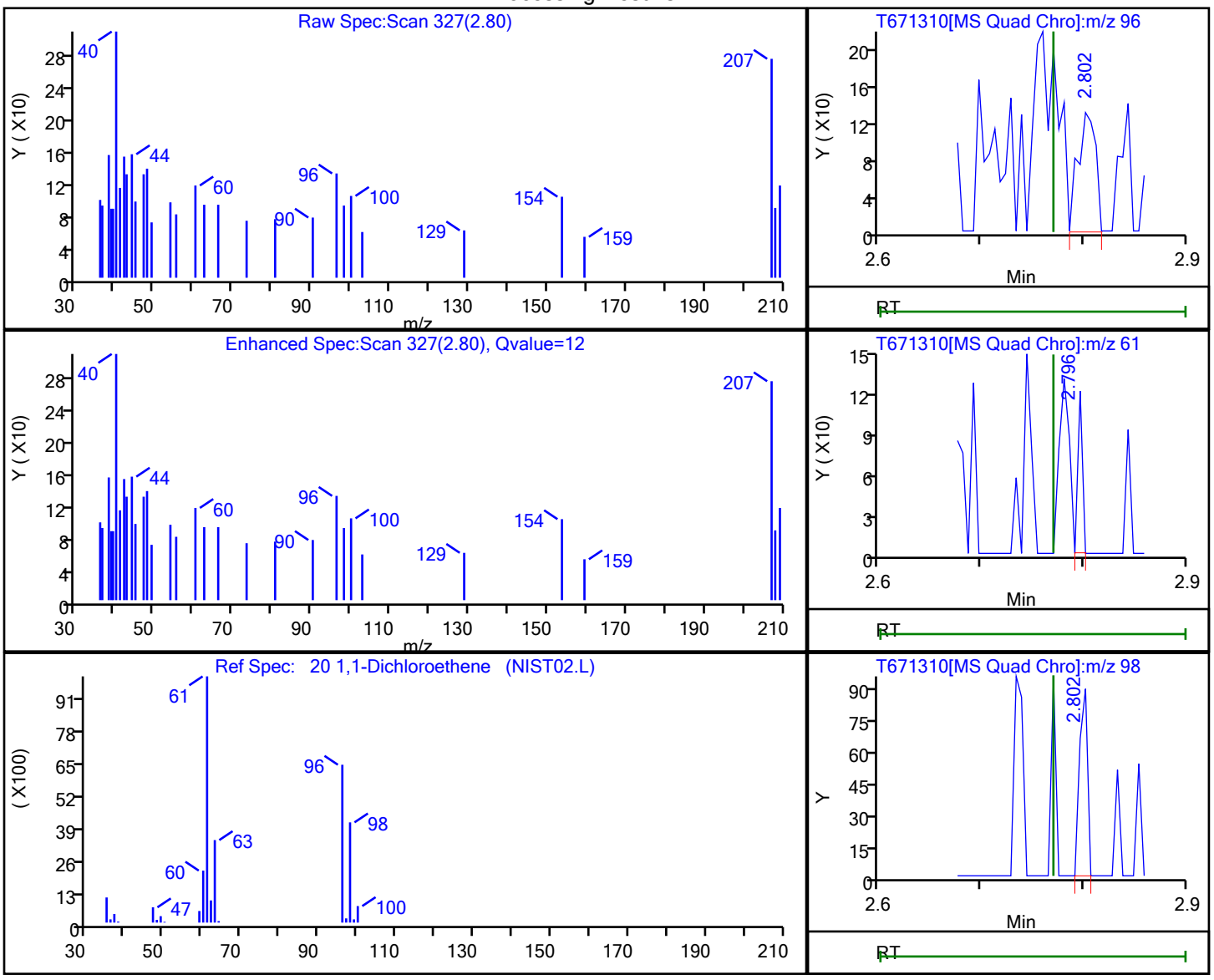
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.80	96.00	156	0.072130
2.80	61.00	37	
2.80	98.00	49	
2.80	63.00	19	

Reviewer: W9CM, 27-Oct-2023 13:19:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

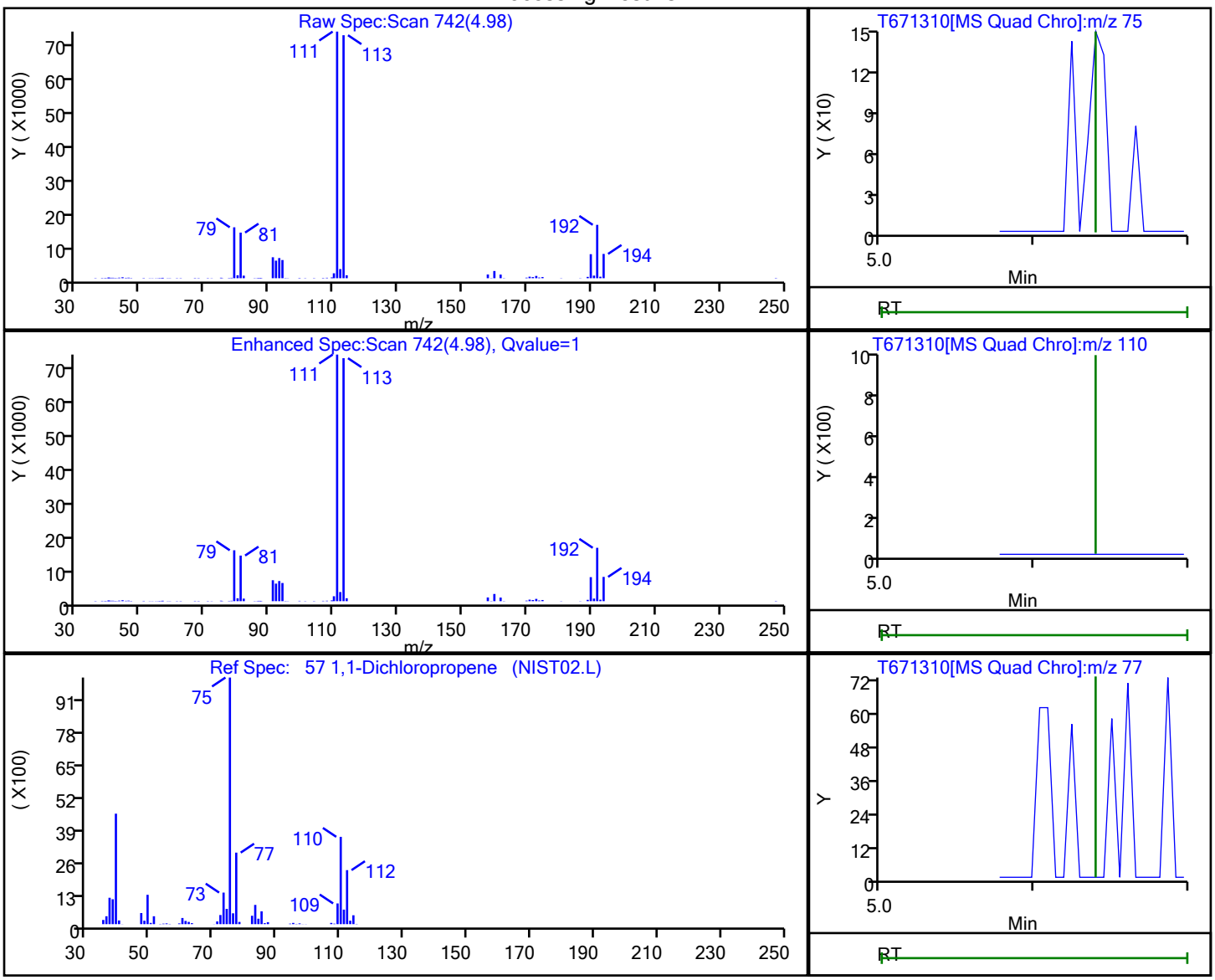
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.98	75.00	125	0.028324
4.99	110.00	3891	
4.98	77.00	69	

Reviewer: W9CM, 27-Oct-2023 13:20:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

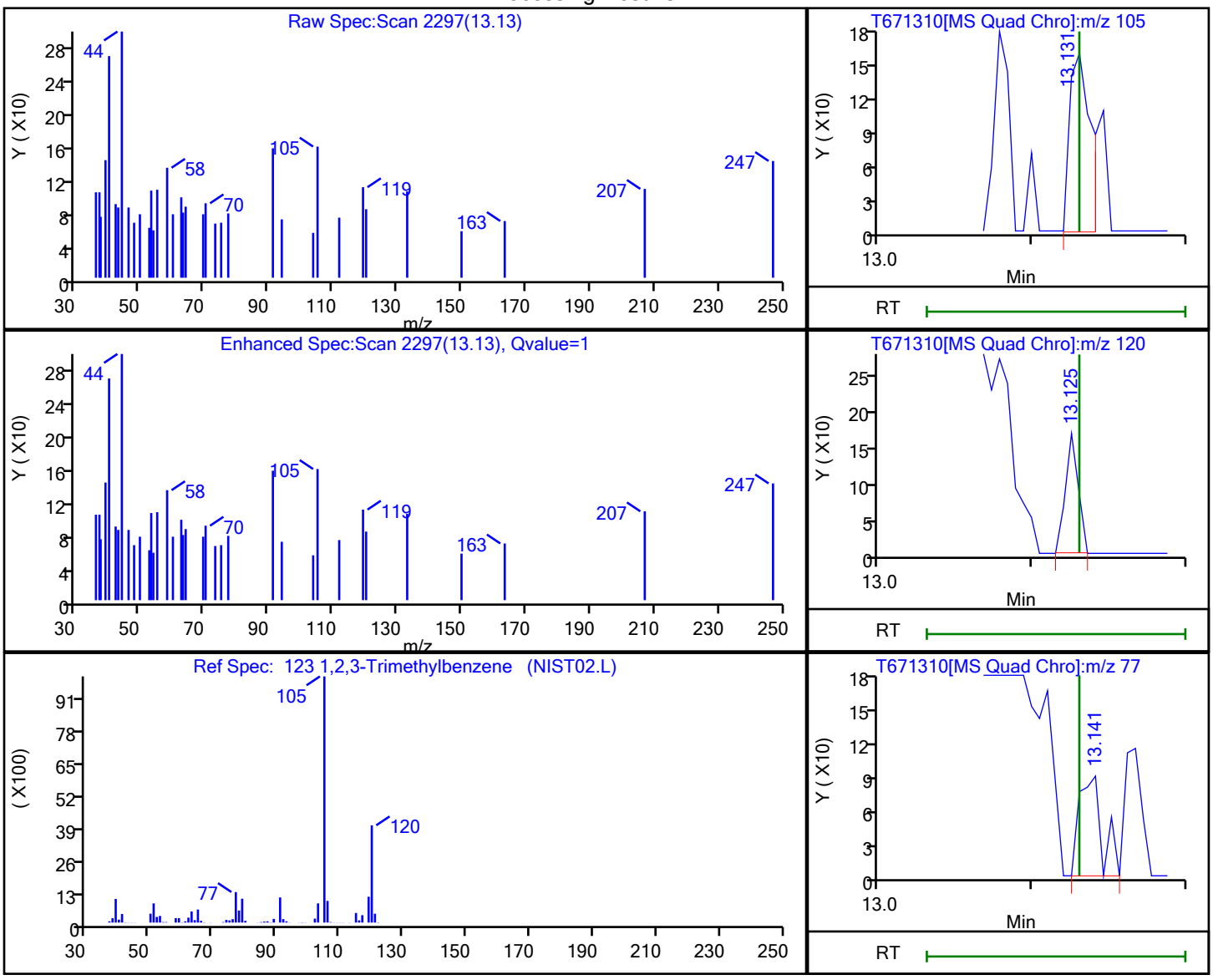
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.13	105.00	150	0.011503
13.13	120.00	98	
13.14	77.00	94	

Reviewer: W9CM, 27-Oct-2023 13:21:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

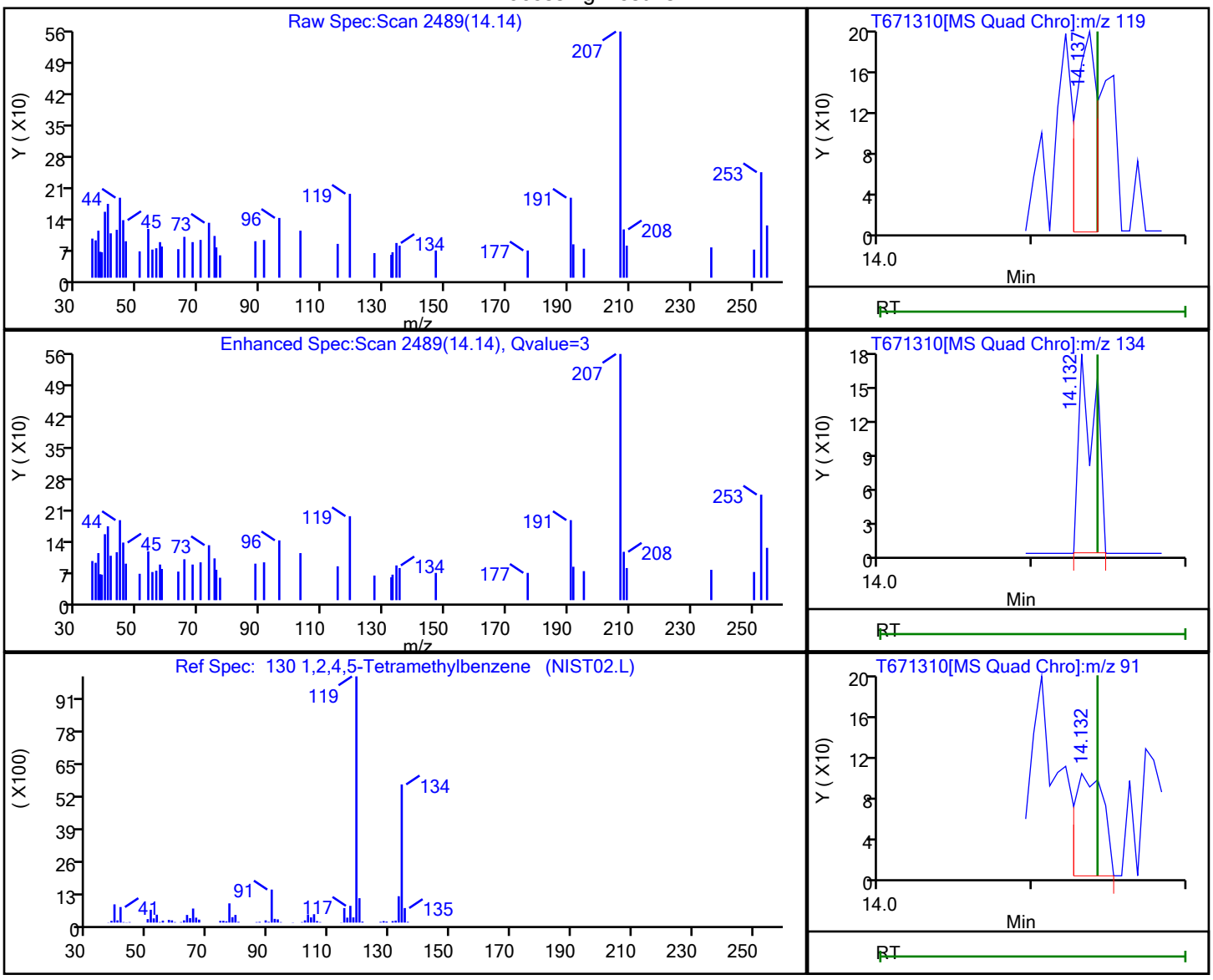
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.14	119.00	183	0.012438
14.13	134.00	132	
14.13	91.00	130	

Reviewer: W9CM, 27-Oct-2023 13:21:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

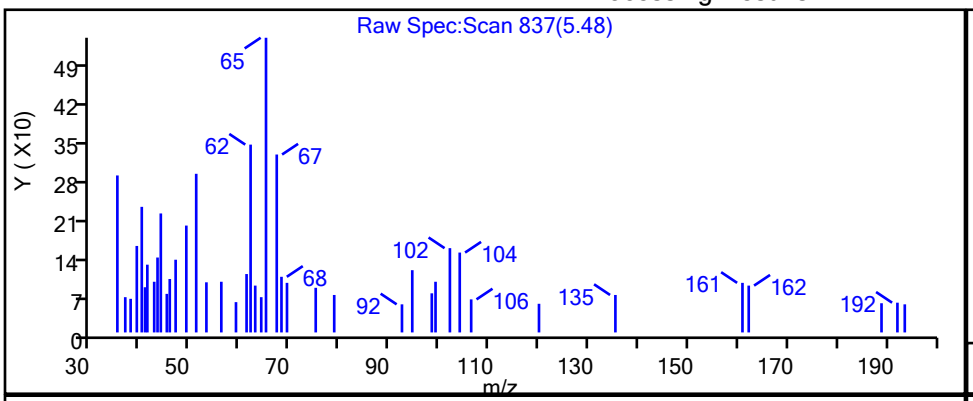
User Disabled Compound Report

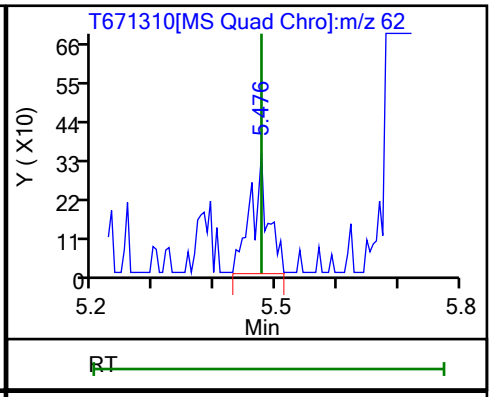
Eurofins Edison

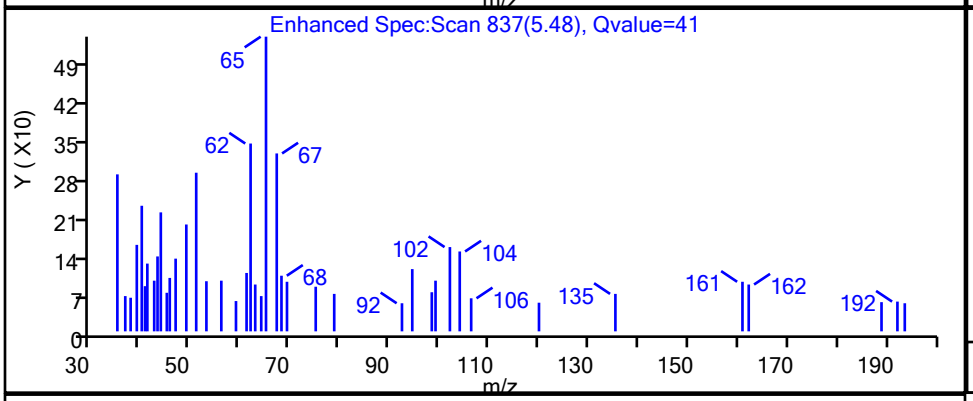
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

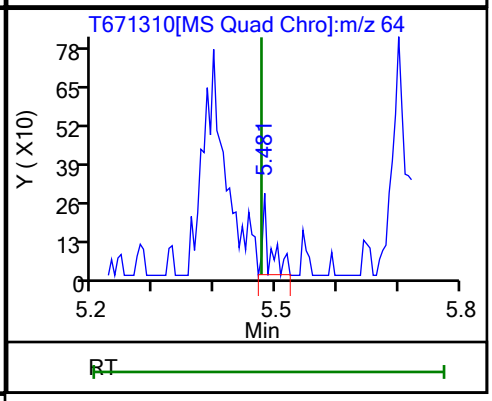
61 1,2-Dichloroethane, CAS: 107-06-2

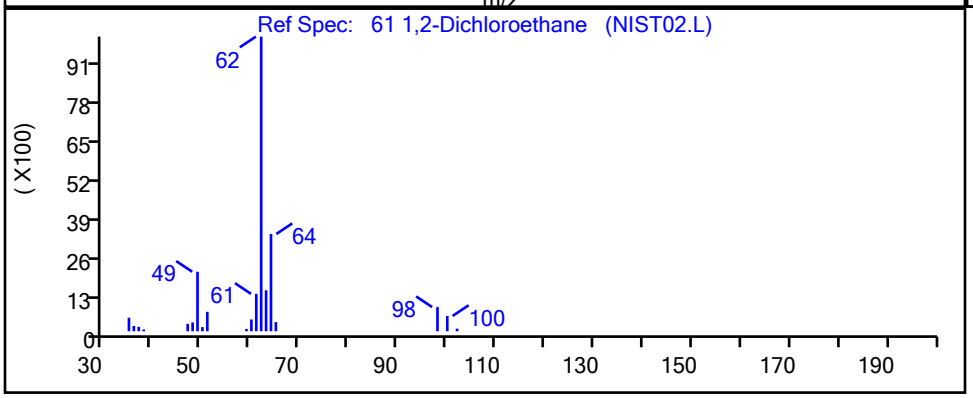
Processing Results











RT	Mass	Response	Amount
5.48	62.00	656	0.089421
5.48	64.00	227	

Reviewer: W9CM, 27-Oct-2023 13:20:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

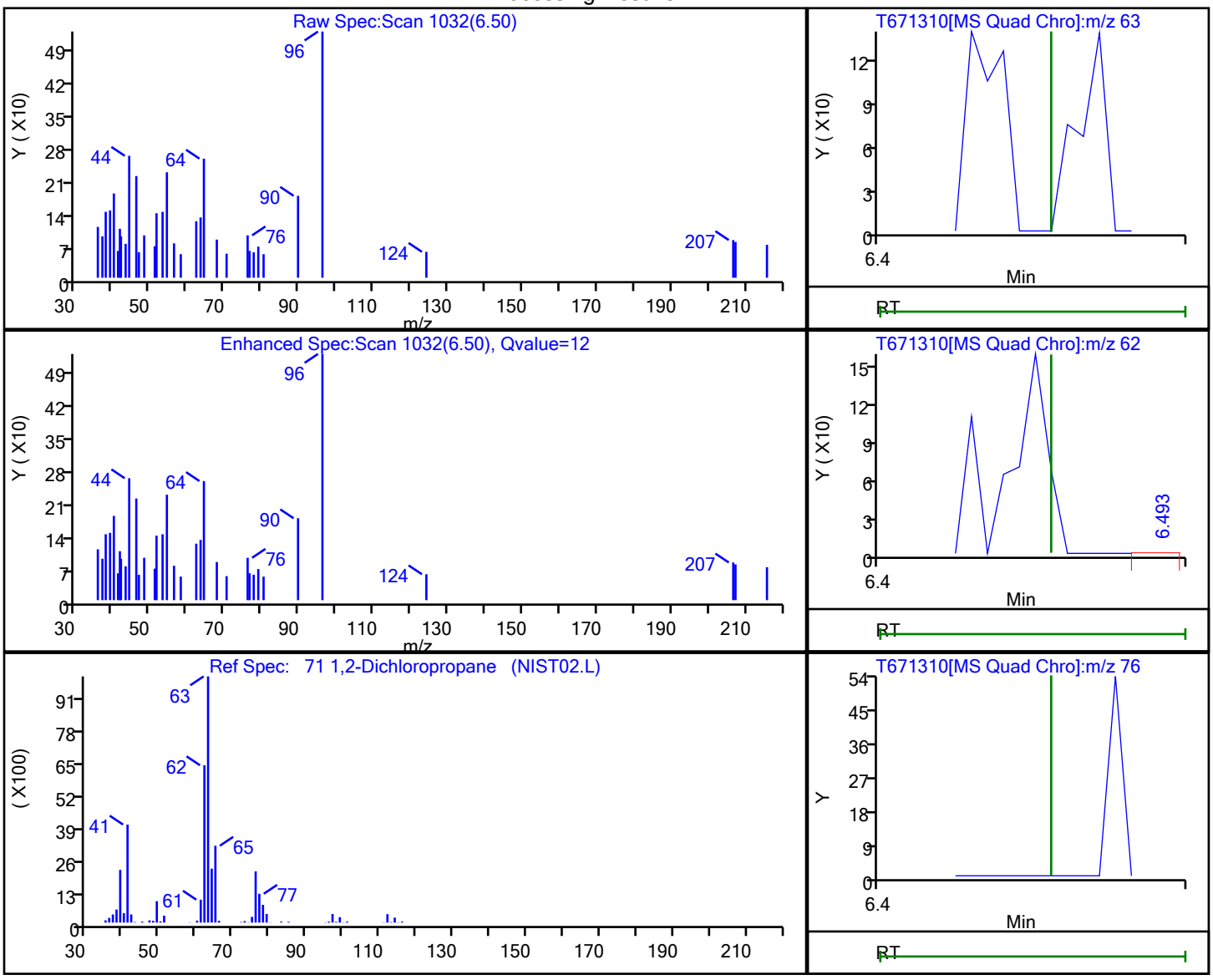
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.50	63.00	66	0.021268
6.49	62.00	149	
6.50	76.00	90	
6.46	112.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

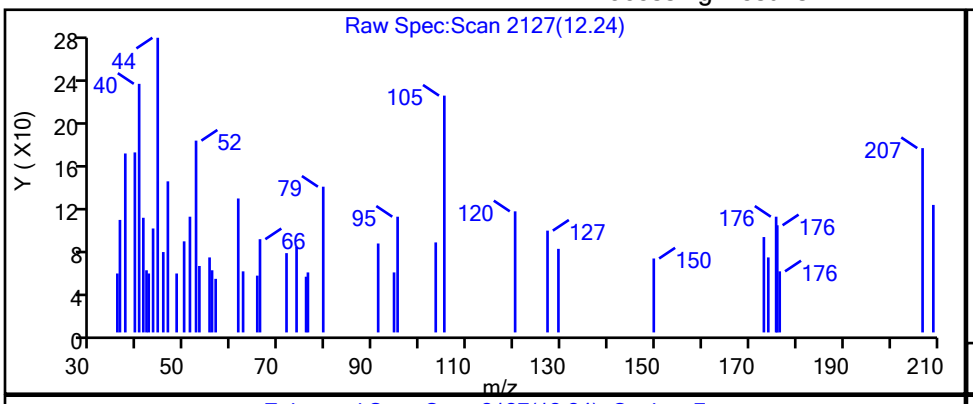
User Disabled Compound Report

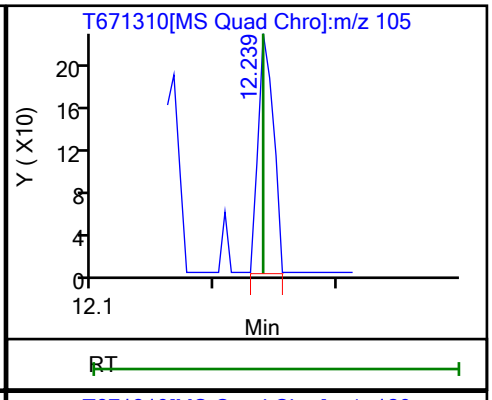
Eurofins Edison

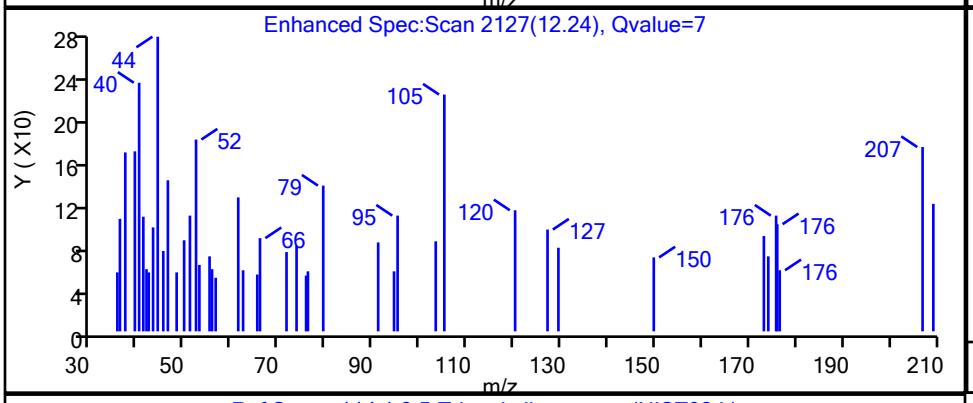
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

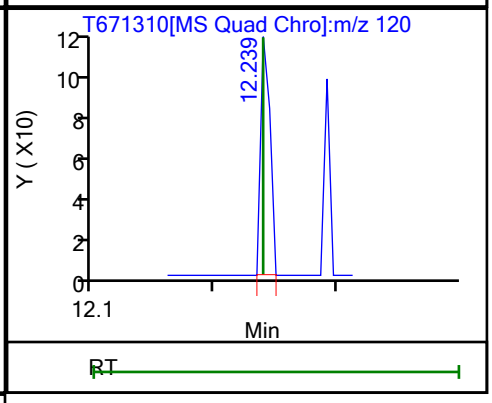
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

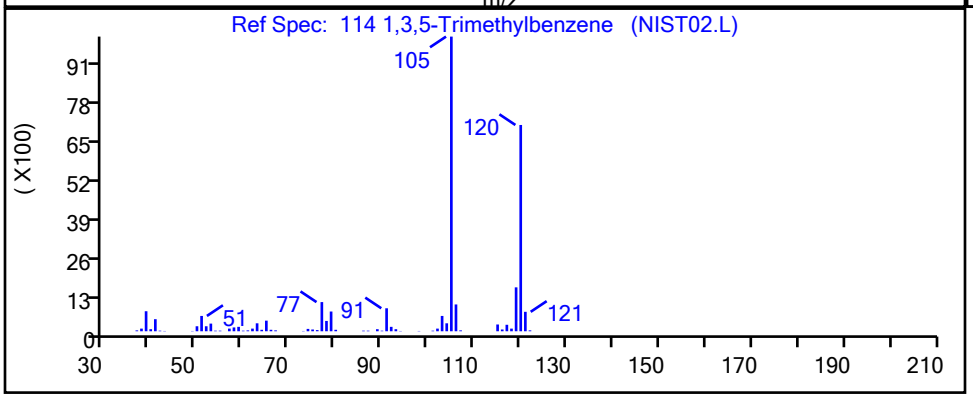
Processing Results











RT	Mass	Response	Amount
12.24	105.00	192	0.015471
12.24	120.00	60	

Reviewer: W9CM, 27-Oct-2023 13:21:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

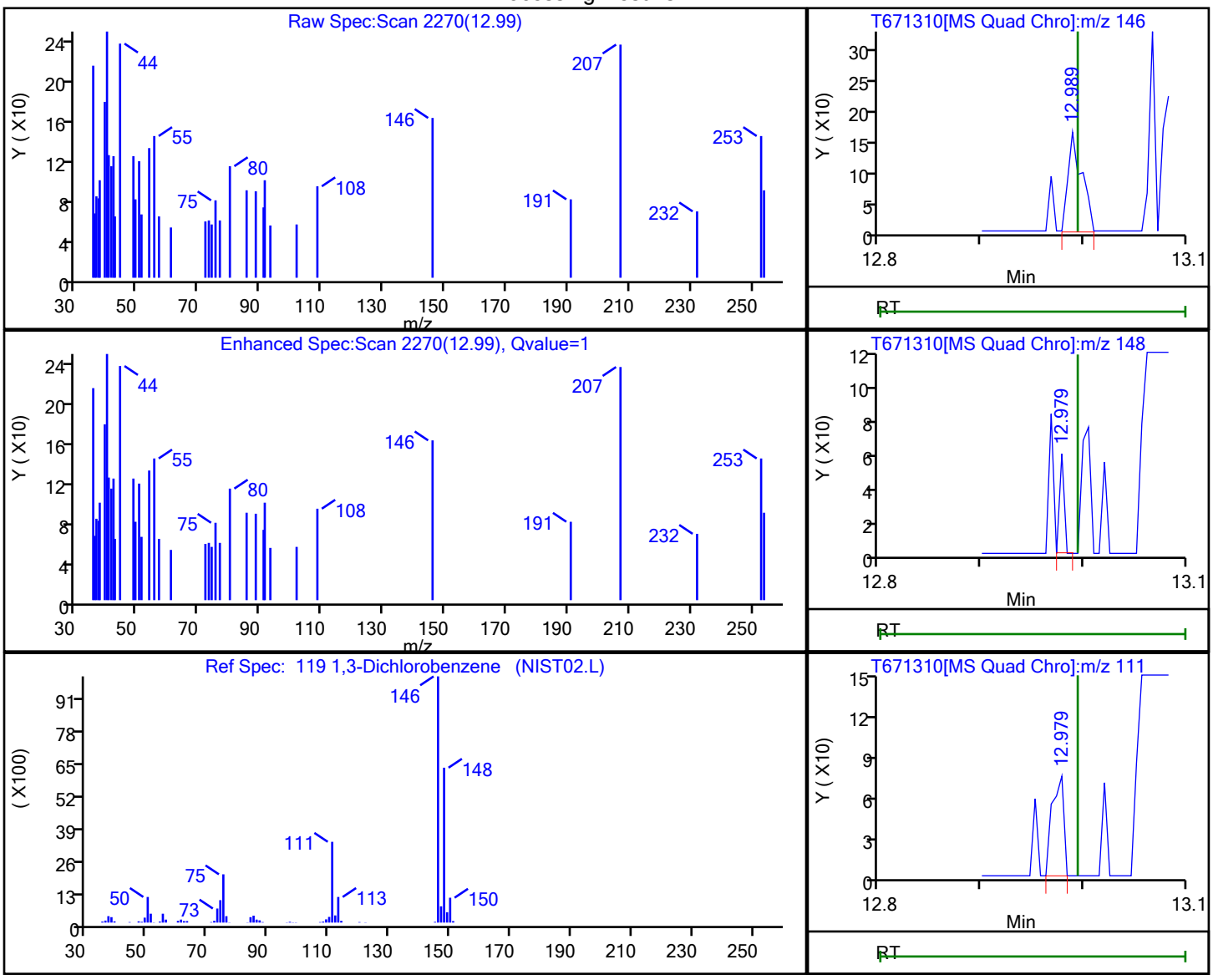
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
12.99	146.00	149	0.019275
12.98	148.00	19	
12.98	111.00	59	

Reviewer: W9CM, 27-Oct-2023 13:21:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

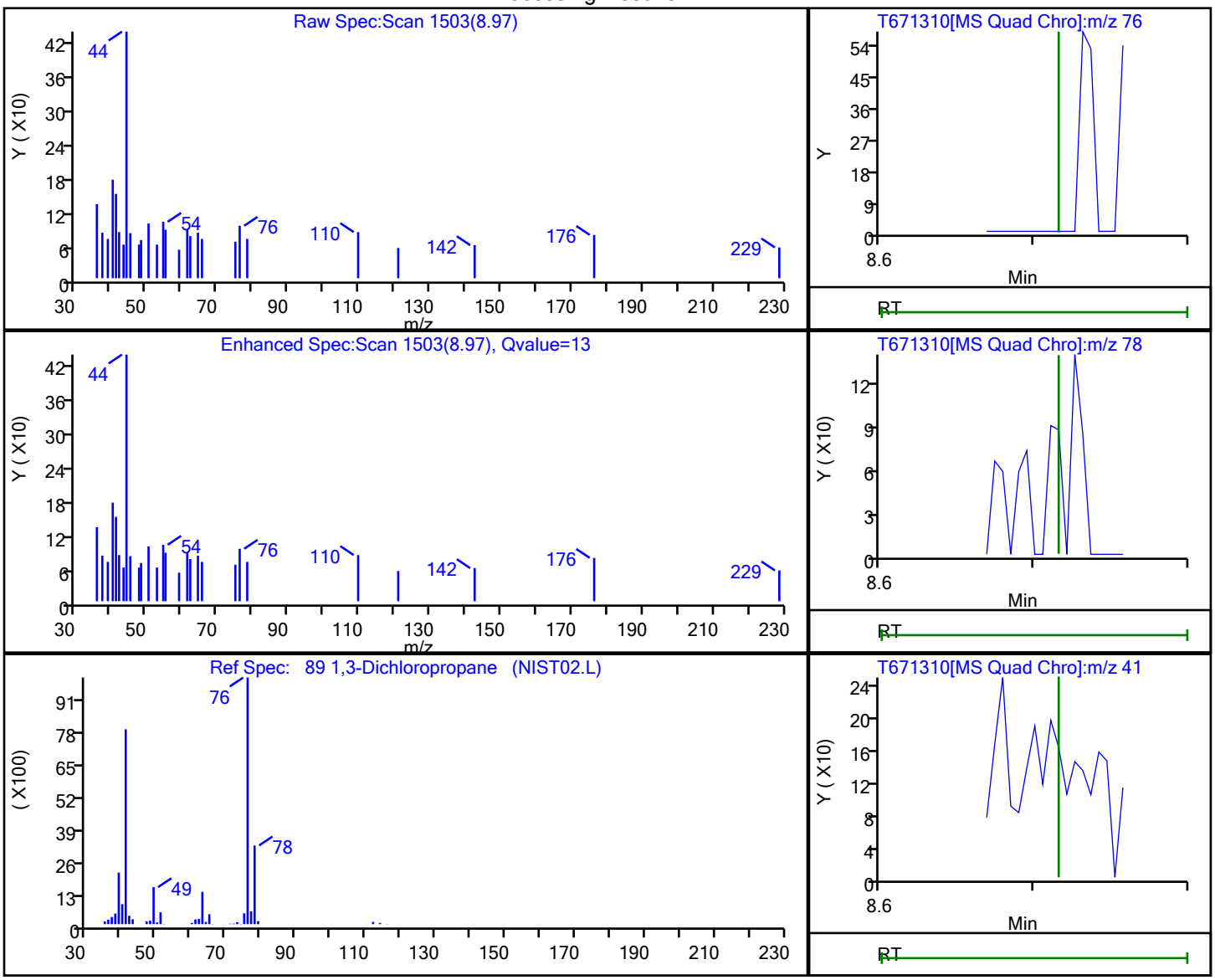
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D				
Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
8.97	76.00	47	0.005489
8.96	78.00	64	
8.98	41.00	240	

Reviewer: W9CM, 27-Oct-2023 13:21:21 -04:00:00 (UTC)

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

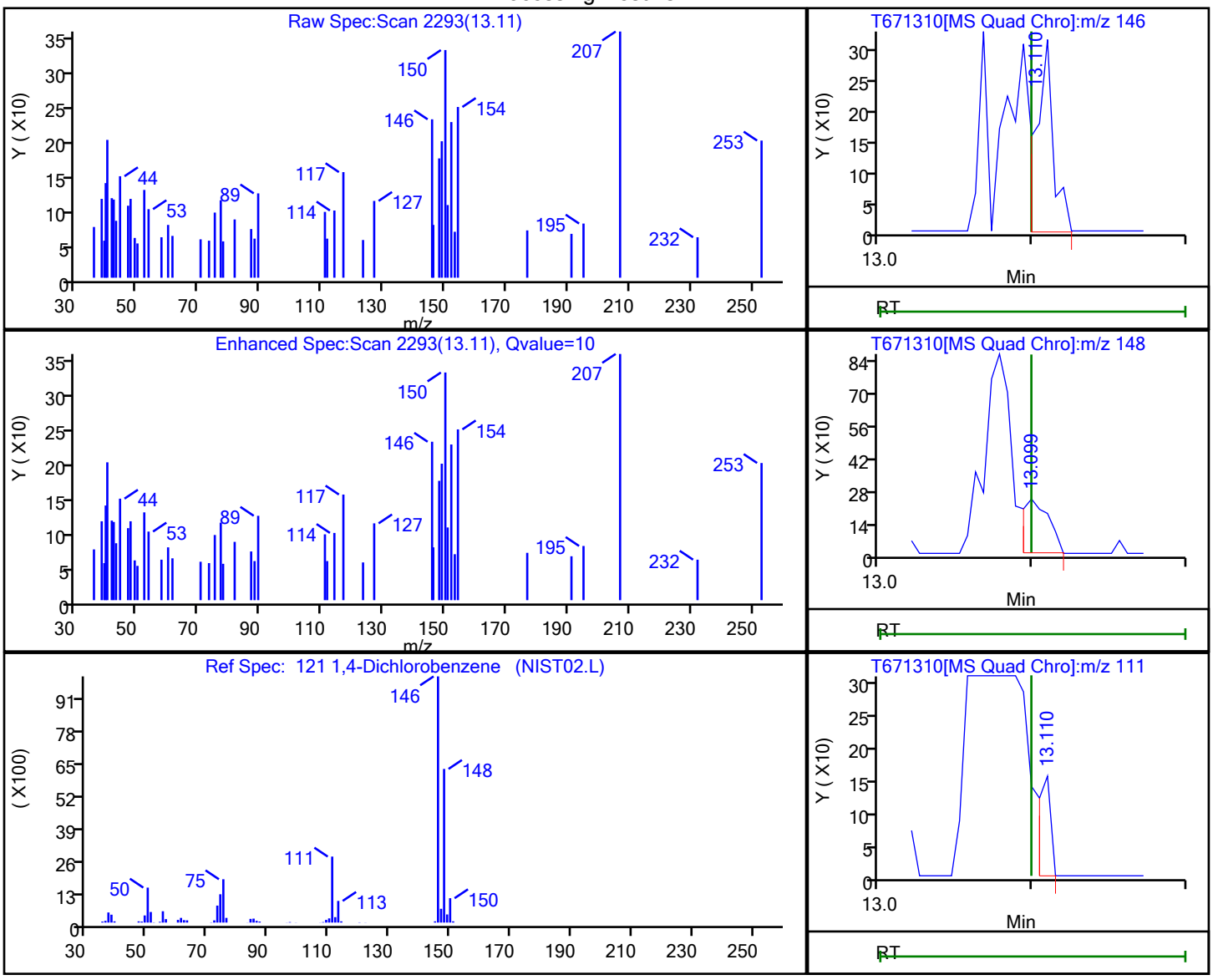
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
13.11	146.00	239	0.017667
13.10	148.00	281	
13.11	111.00	86	

Reviewer: W9CM, 27-Oct-2023 13:21:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

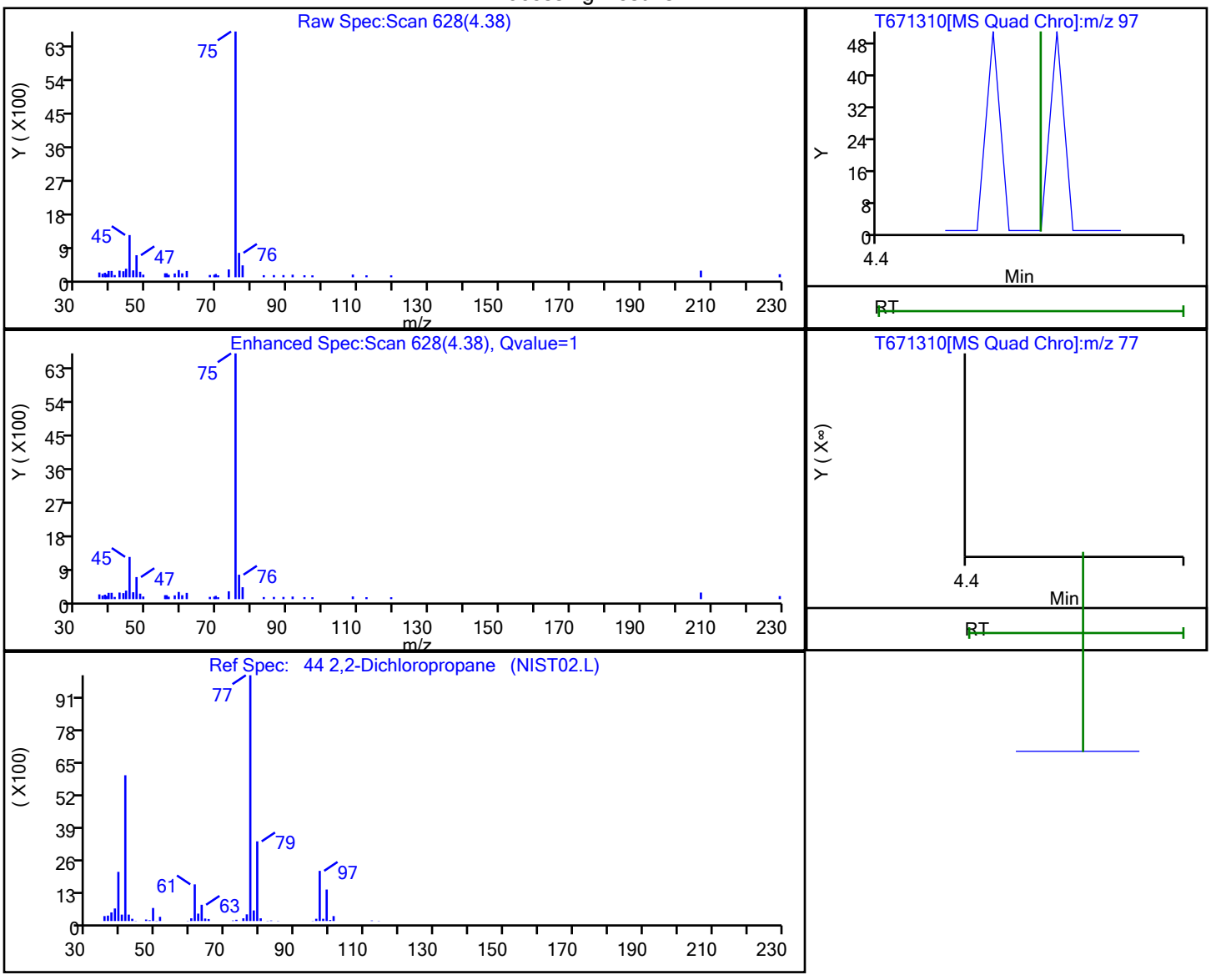
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.38	97.00	16	0.016568
4.37	77.00	509	

Reviewer: W9CM, 27-Oct-2023 13:20:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

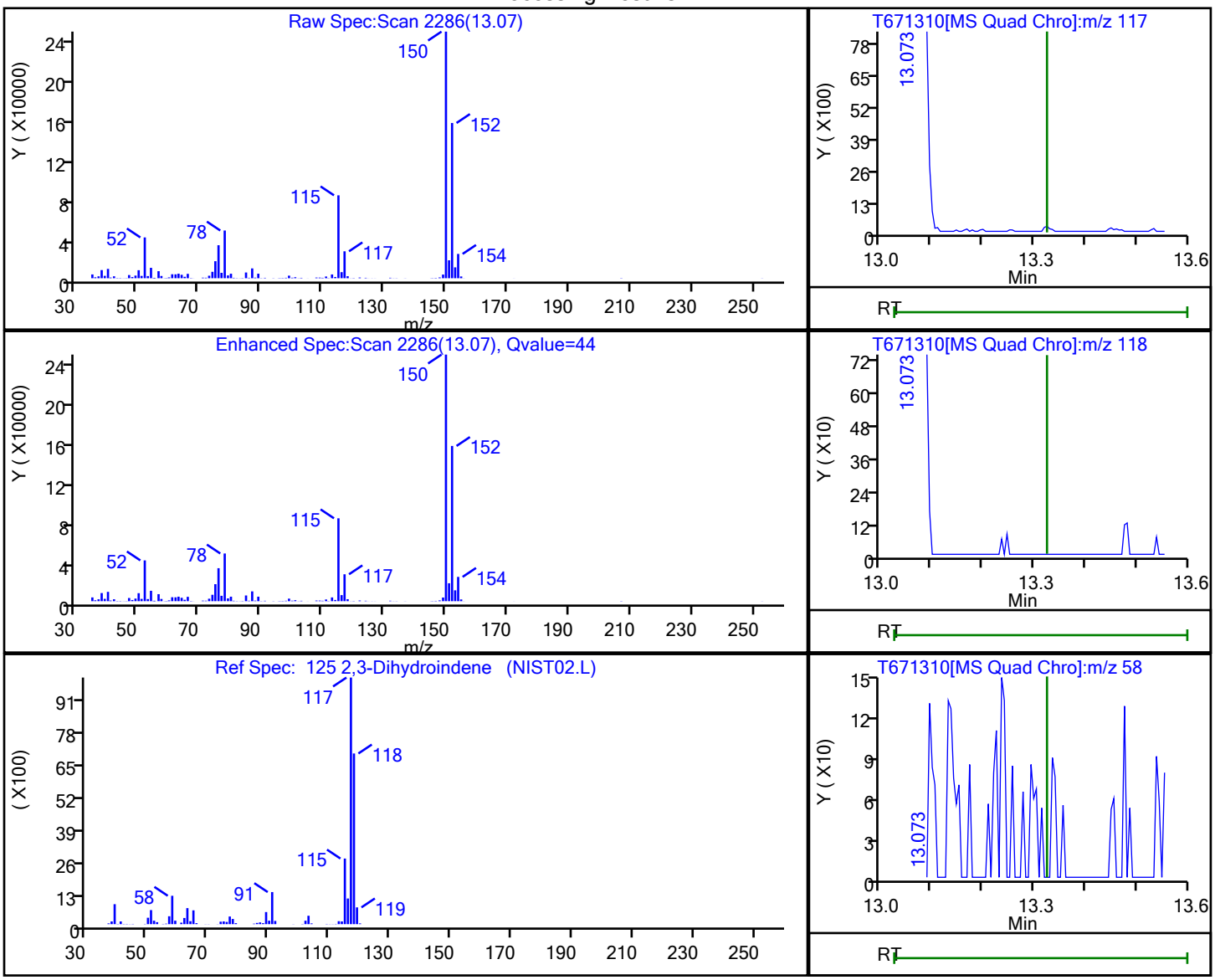
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
13.07	117.00	37557	3.113764
13.07	118.00	2811	
13.07	58.00	83	

Reviewer: W9CM, 27-Oct-2023 13:21:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

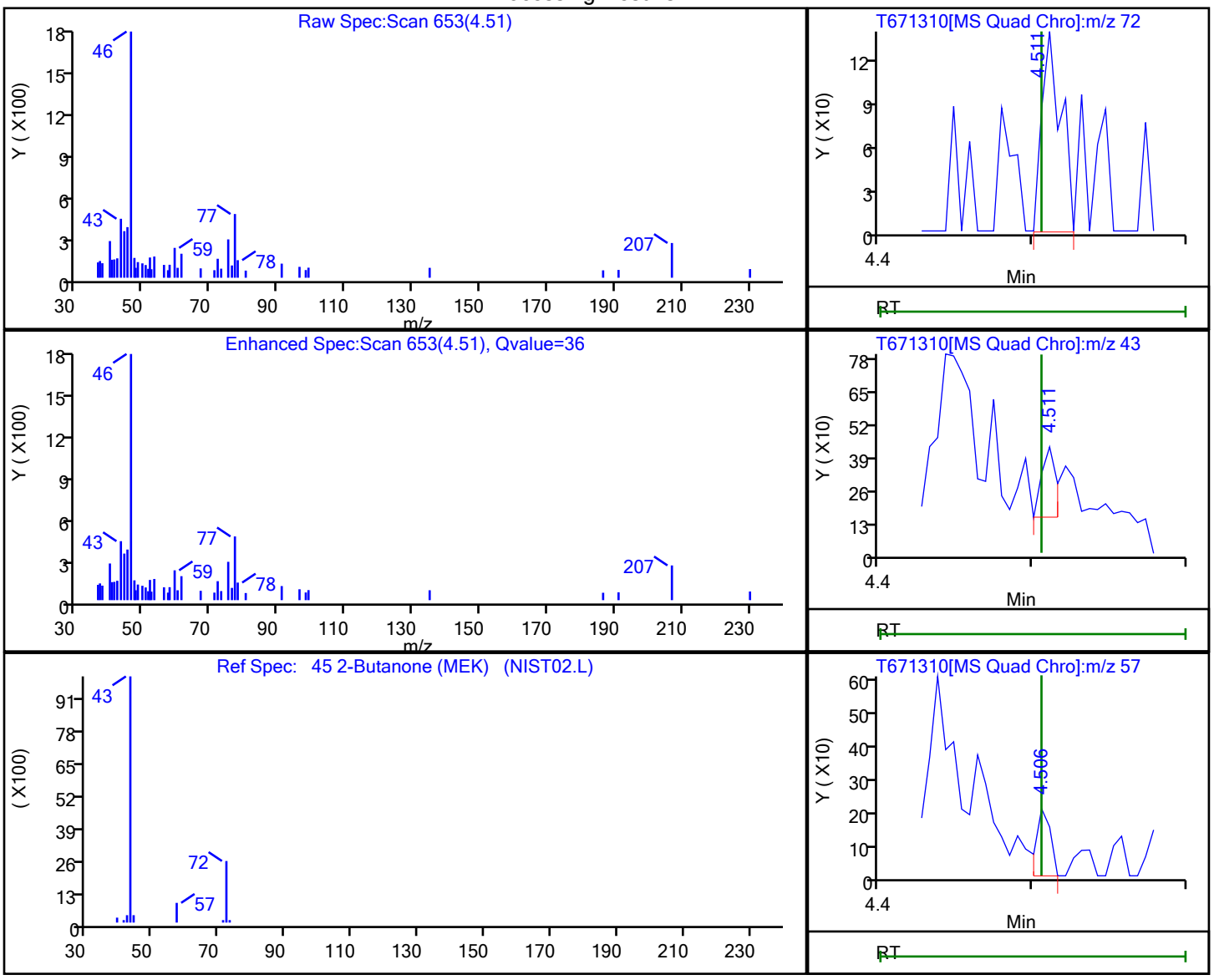
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.51	72.00	119	0.513626
4.51	43.00	186	
4.51	57.00	131	

Reviewer: W9CM, 27-Oct-2023 13:20:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

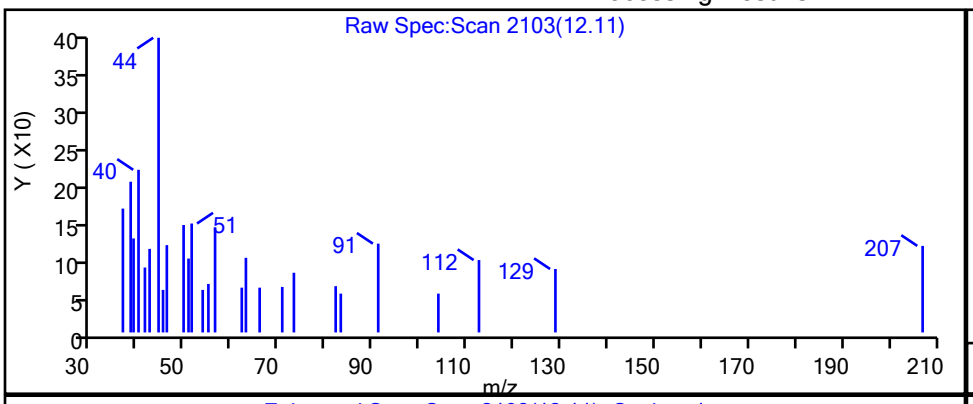
User Disabled Compound Report

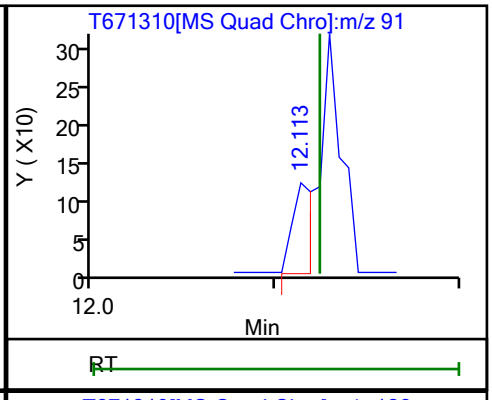
Eurofins Edison

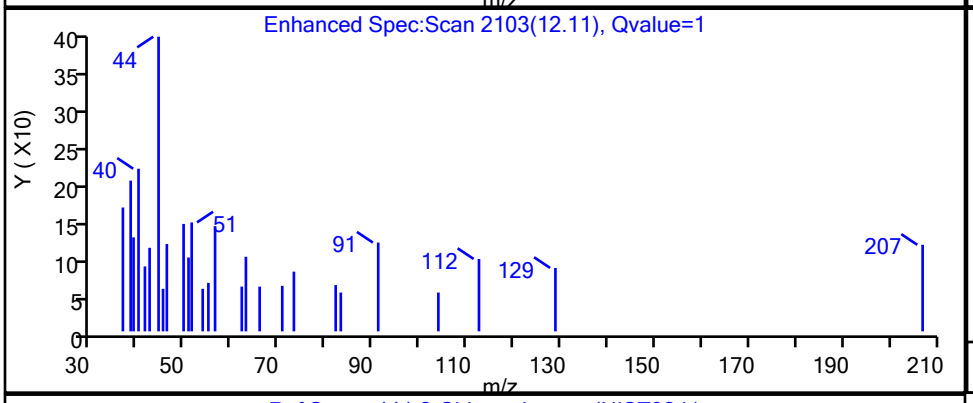
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

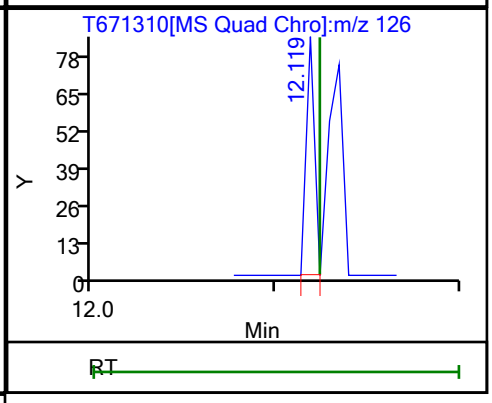
111 2-Chlorotoluene, CAS: 95-49-8

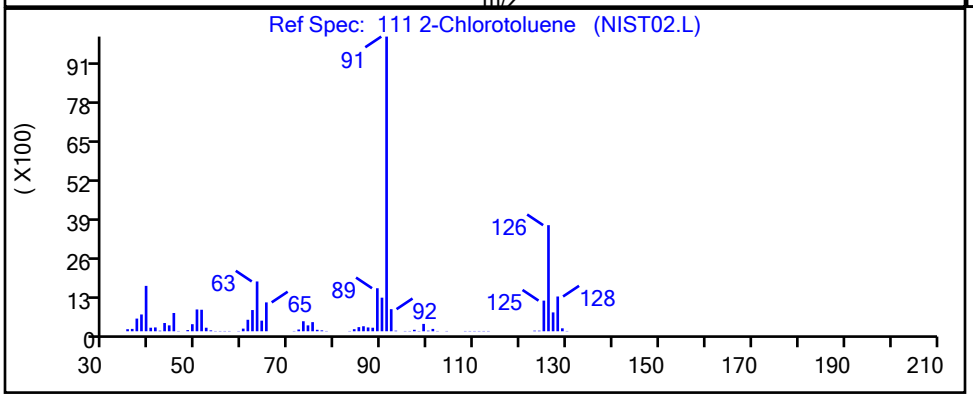
Processing Results











RT	Mass	Response	Amount
12.11	91.00	90	0.007384
12.12	126.00	27	

Reviewer: W9CM, 27-Oct-2023 13:21:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

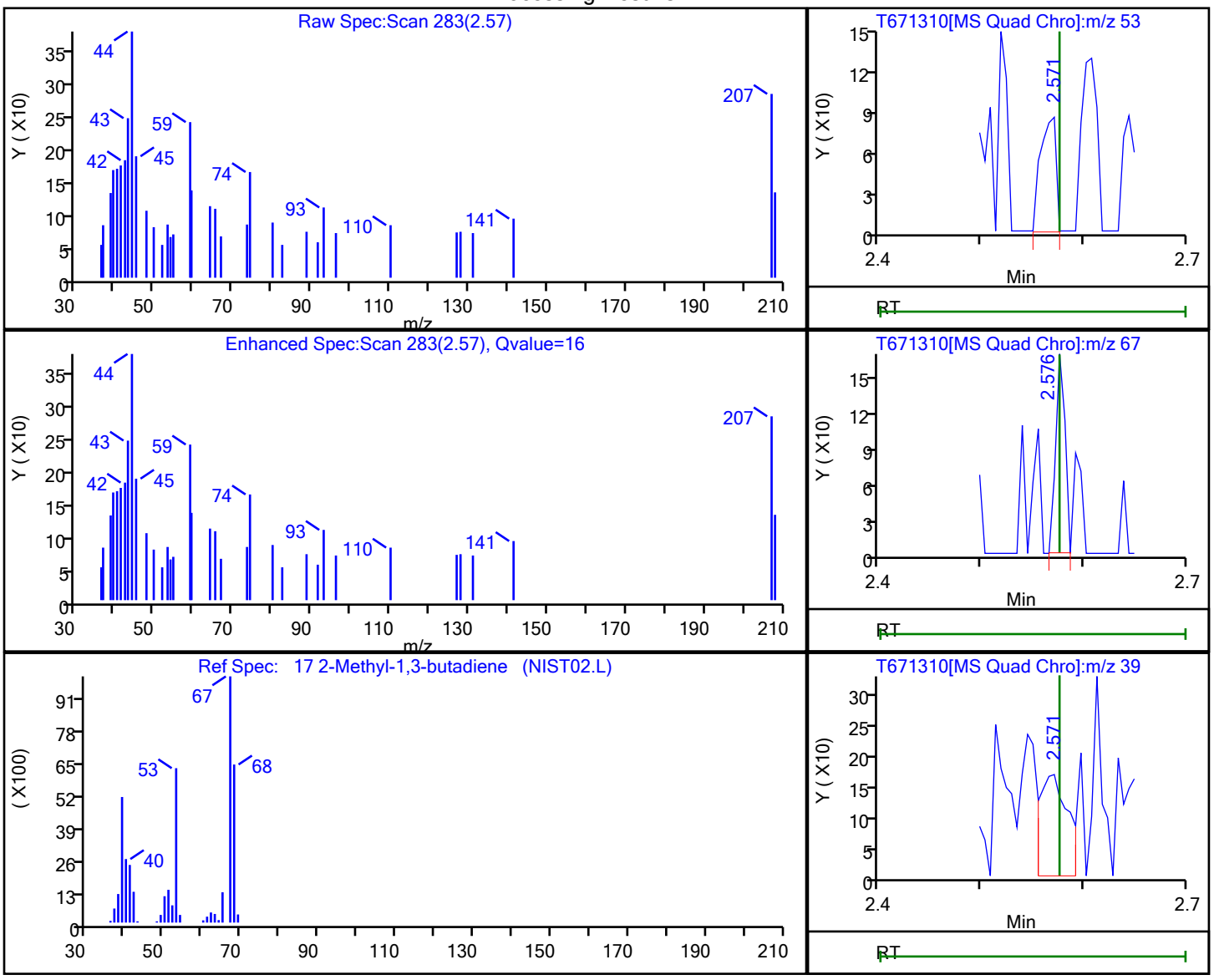
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.57	53.00	86	0.041048
2.58	67.00	106	
2.57	39.00	316	

Reviewer: W9CM, 27-Oct-2023 13:19:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

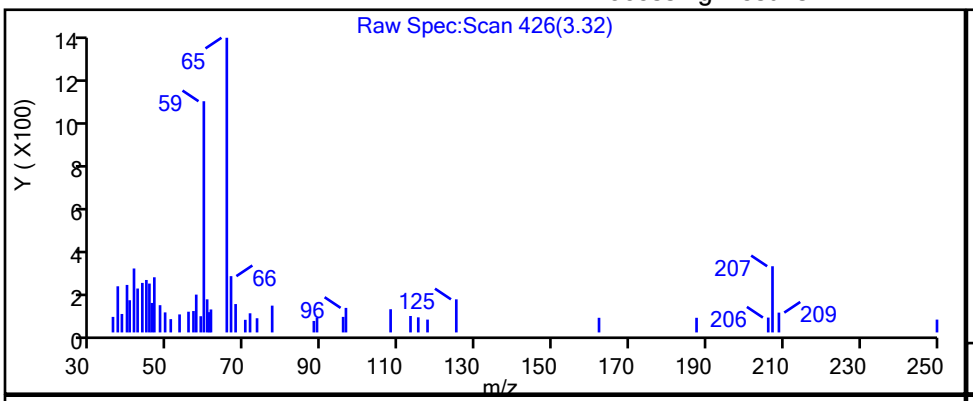
User Disabled Compound Report

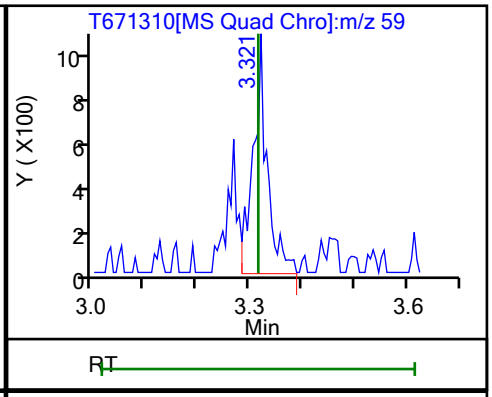
Eurofins Edison

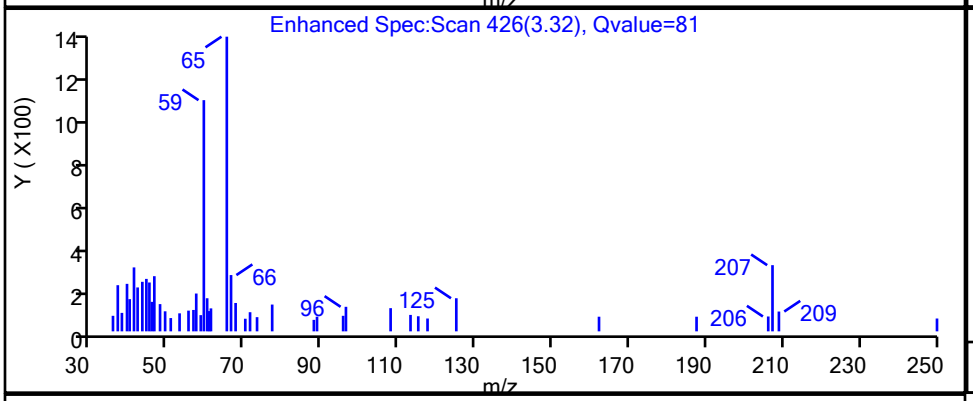
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

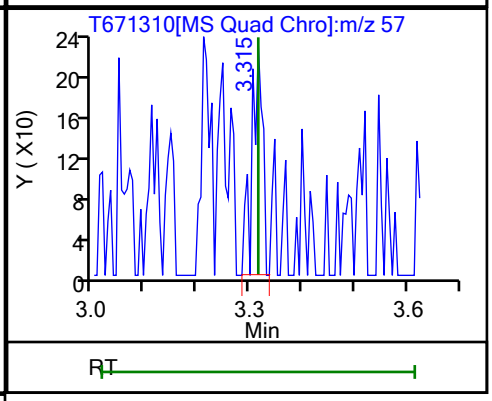
32 2-Methyl-2-propanol, CAS: 75-65-0

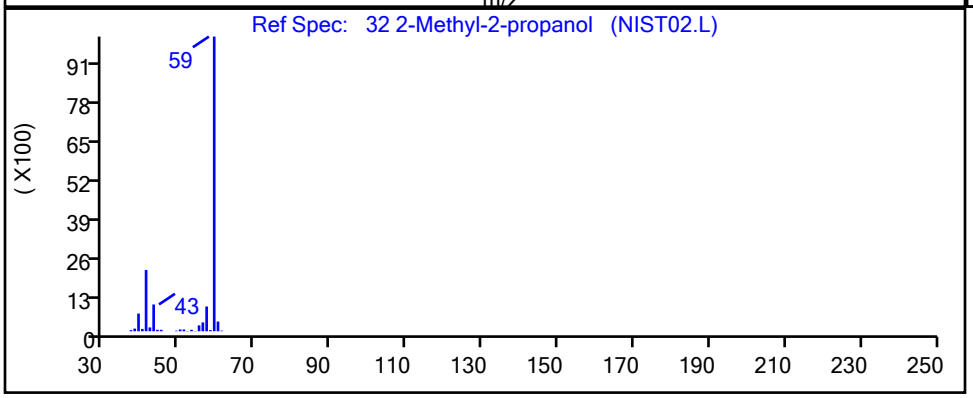
Processing Results











RT	Mass	Response	Amount
3.32	59.00	1868	2.000000
3.32	57.00	330	

Reviewer: W9CM, 27-Oct-2023 13:20:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

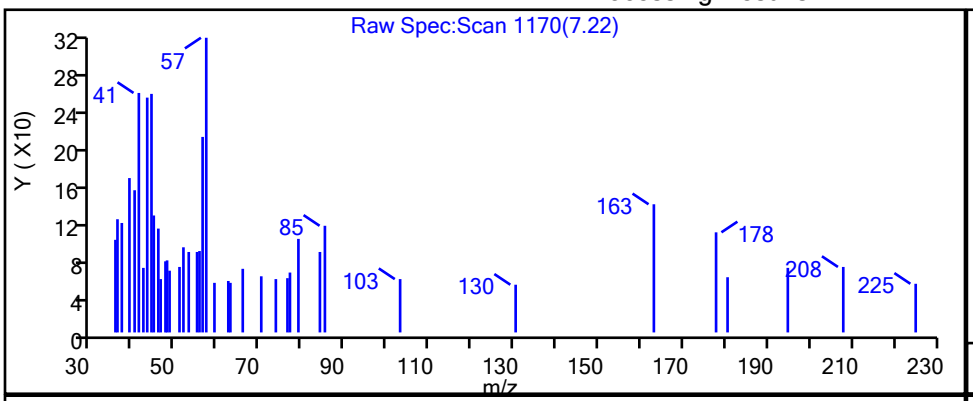
User Disabled Compound Report

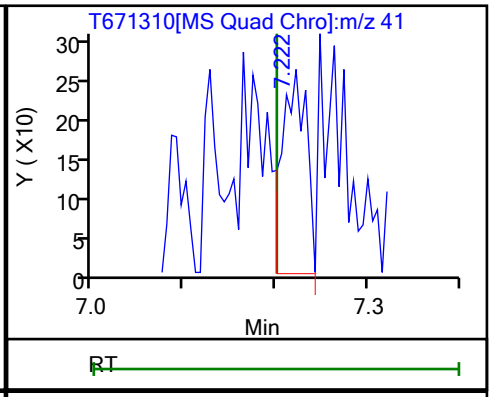
Eurofins Edison

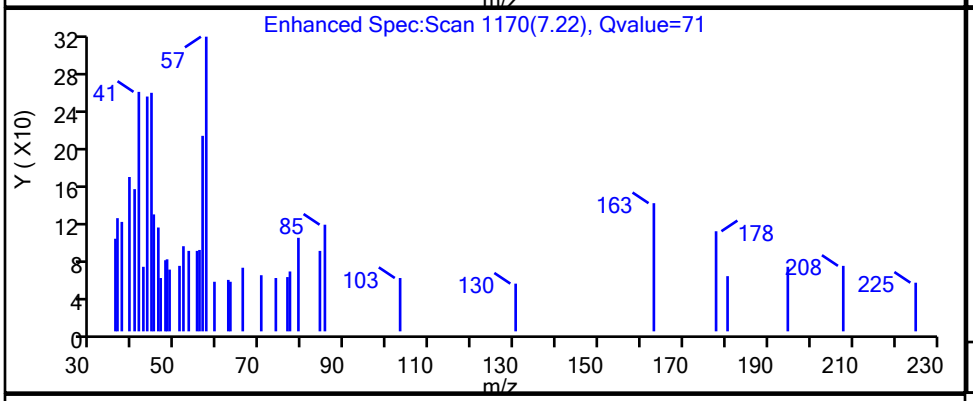
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Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

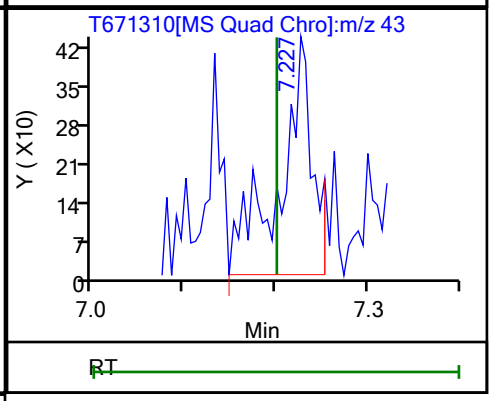
78 2-Nitropropane, CAS: 79-46-9

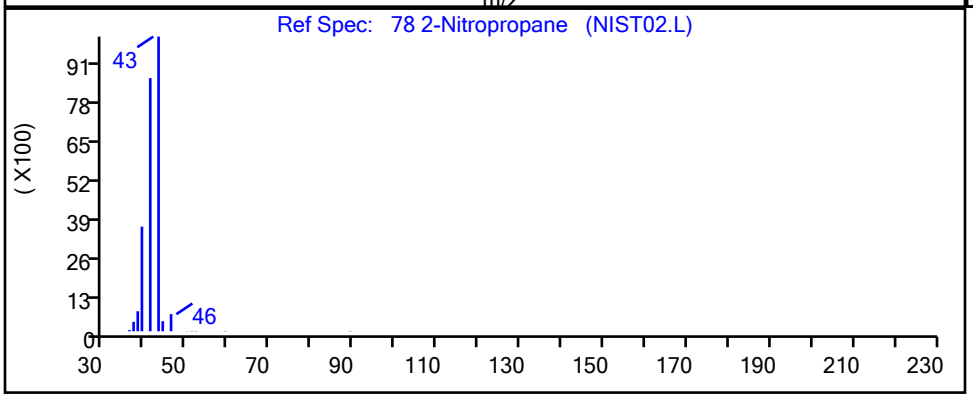
Processing Results











RT	Mass	Response	Amount
7.22	41.00	468	0.912516
7.23	43.00	1081	

Reviewer: W9CM, 27-Oct-2023 13:21:10 -04:00:00 (UTC)

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

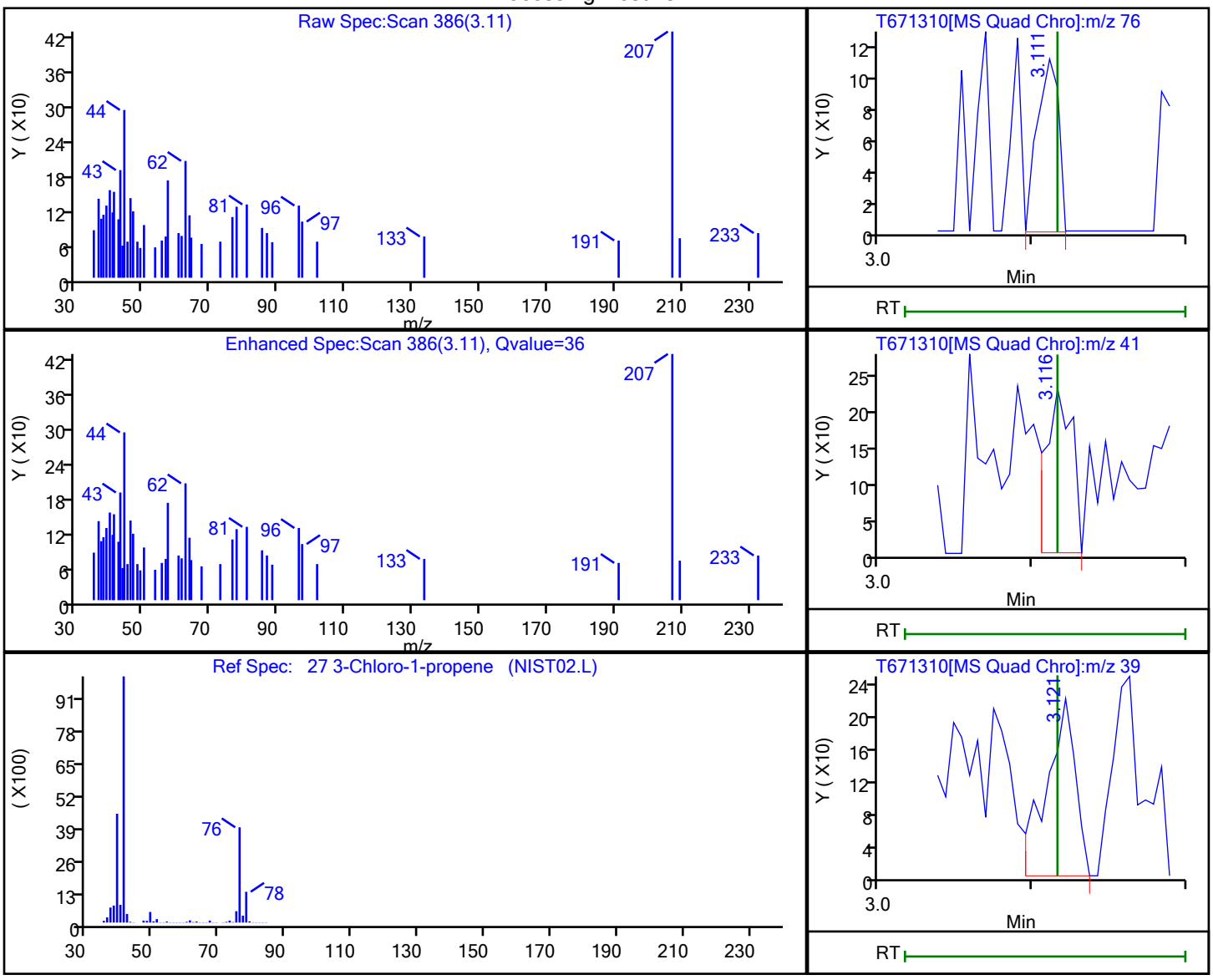
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.11	76.00	103	0.062002
3.12	41.00	273	
3.12	39.00	286	

Reviewer: W9CM, 27-Oct-2023 13:20:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

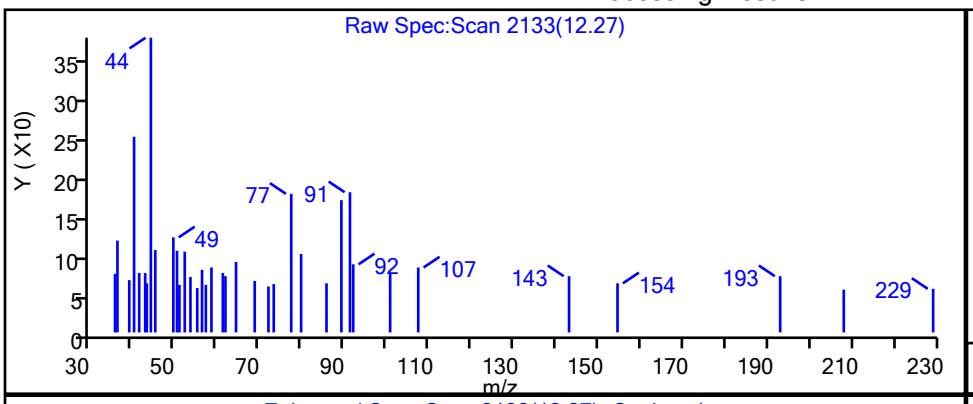
User Disabled Compound Report

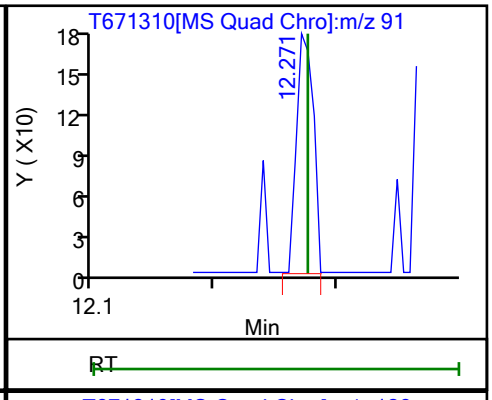
Eurofins Edison

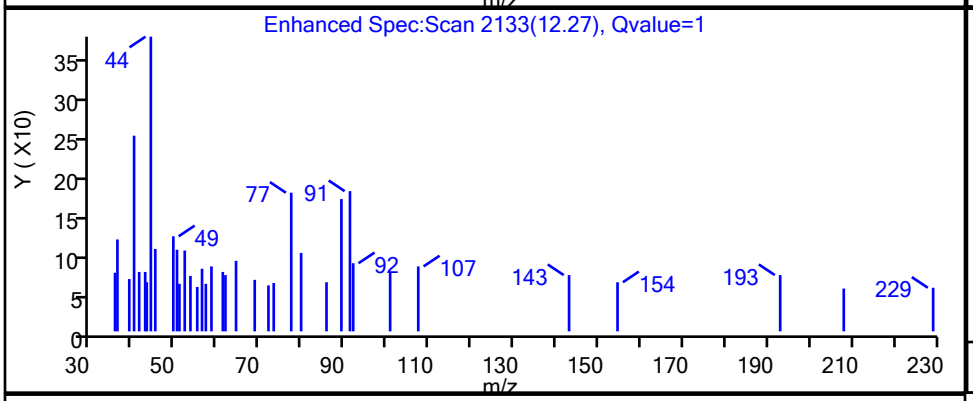
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

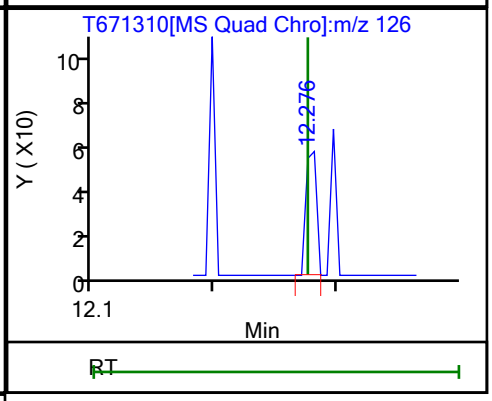
113 4-Chlorotoluene, CAS: 106-43-4

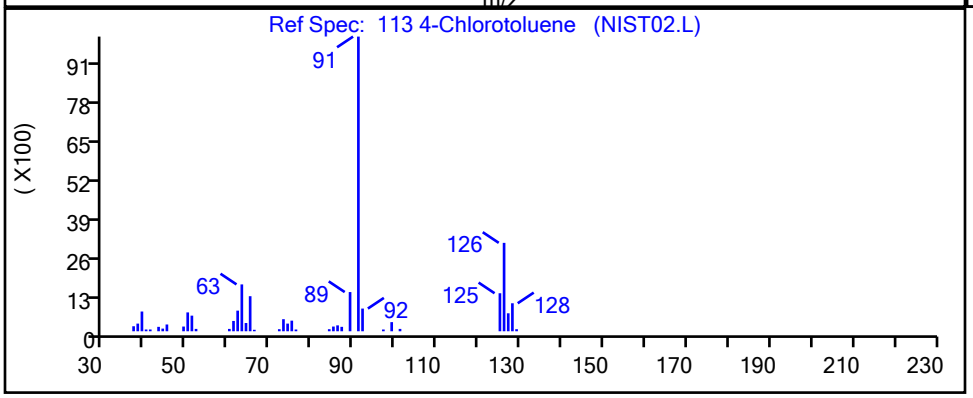
Processing Results











RT	Mass	Response	Amount
12.27	91.00	170	0.013846
12.28	126.00	34	

Reviewer: W9CM, 27-Oct-2023 13:21:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

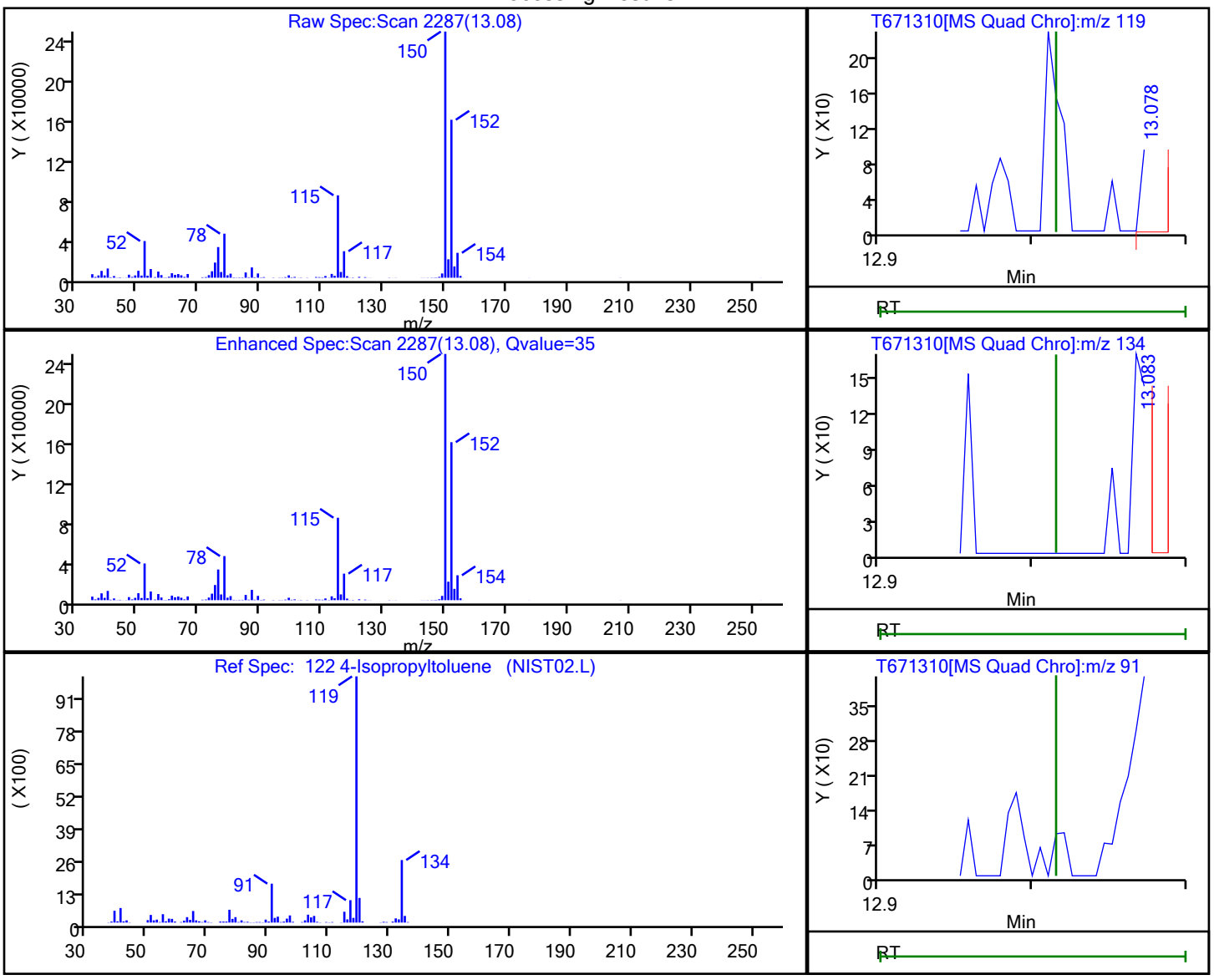
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.08	119.00	92	0.007244
13.08	134.00	69	
13.08	91.00	761	

Reviewer: W9CM, 27-Oct-2023 13:21:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

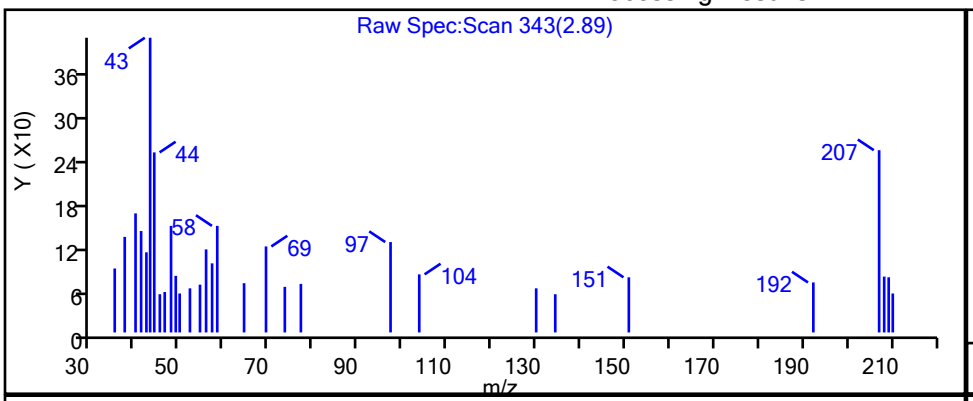
User Disabled Compound Report

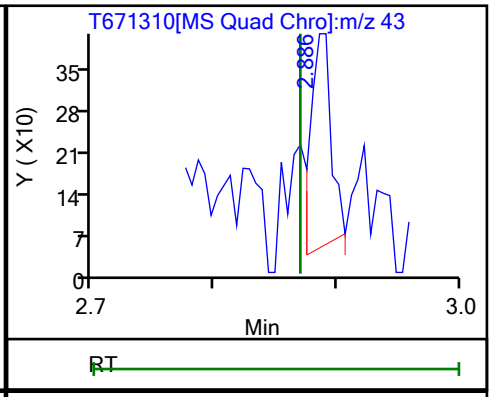
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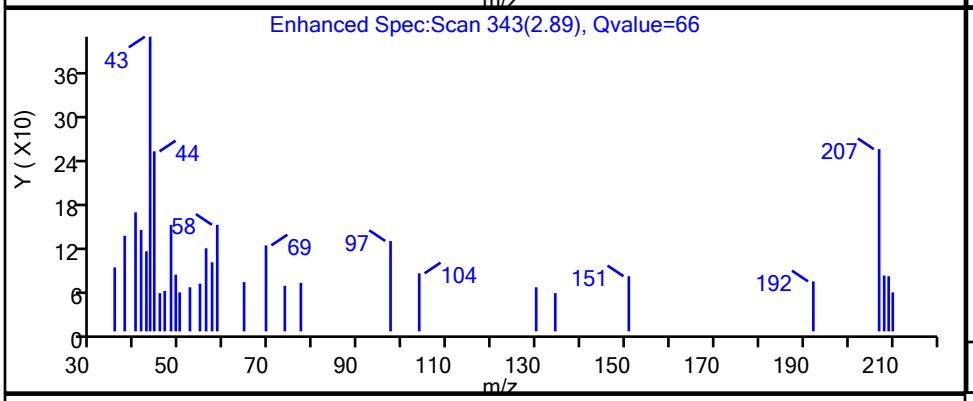
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

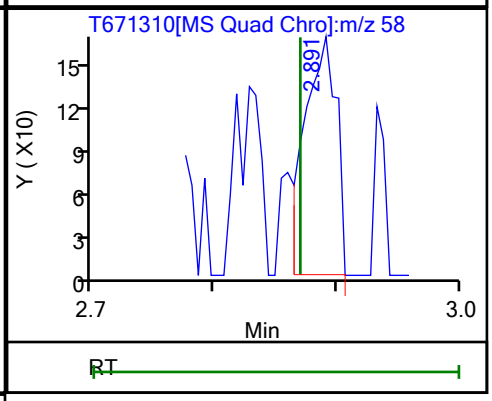
22 Acetone, CAS: 67-64-1

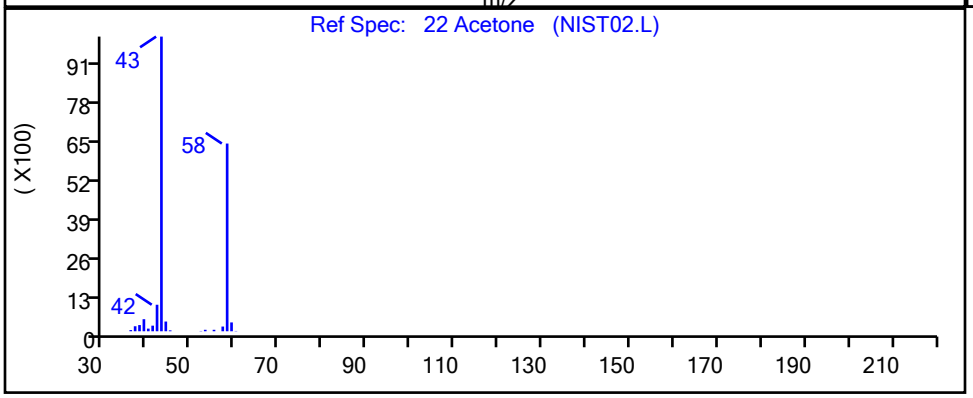
Processing Results











RT	Mass	Response	Amount
2.89	43.00	418	0.337513
2.89	58.00	305	

Reviewer: W9CM, 27-Oct-2023 13:19:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

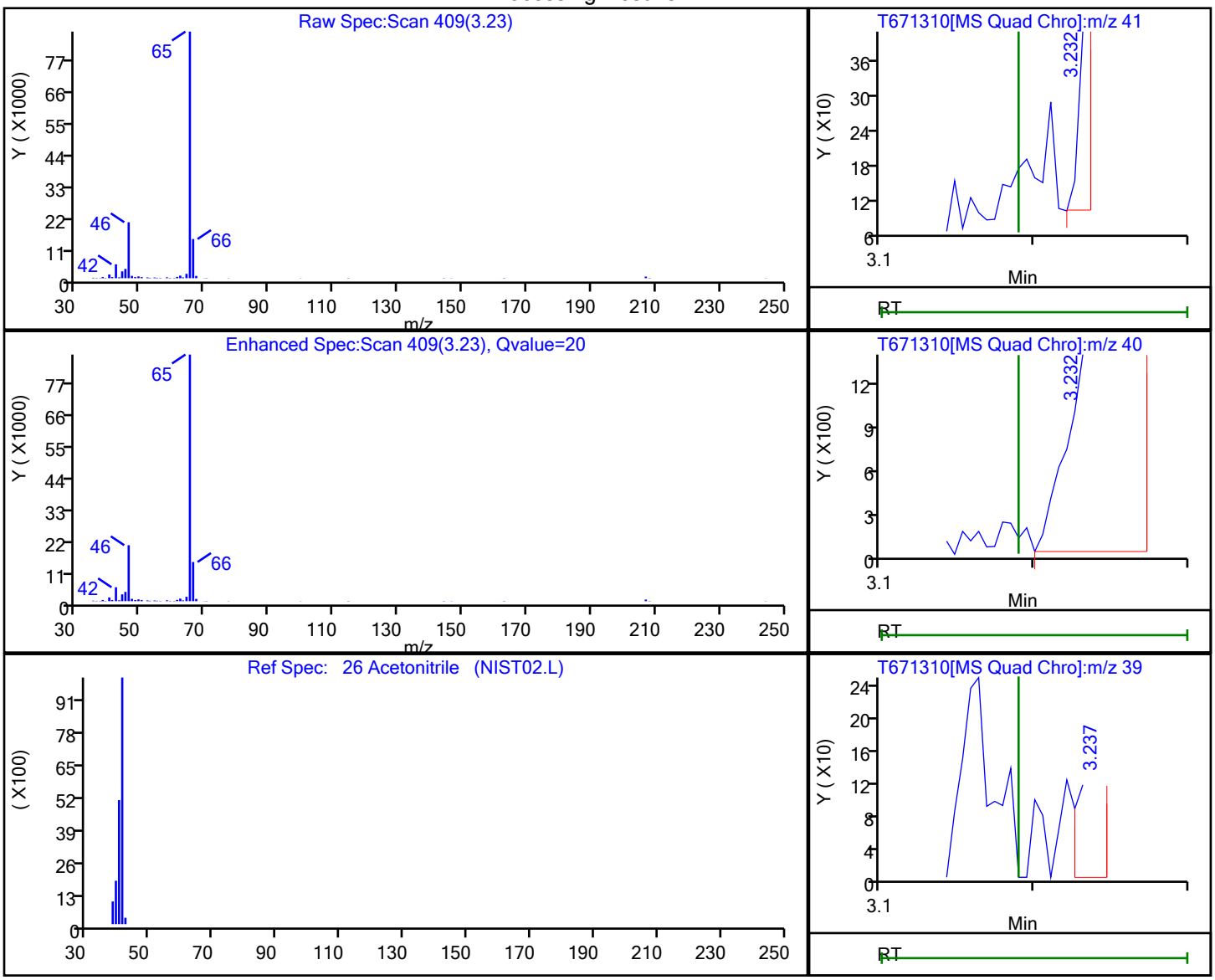
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.23	41.00	129	0.229775
3.23	40.00	2460	
3.24	39.00	161	
3.23	38.00	493	

Reviewer: W9CM, 27-Oct-2023 13:20:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

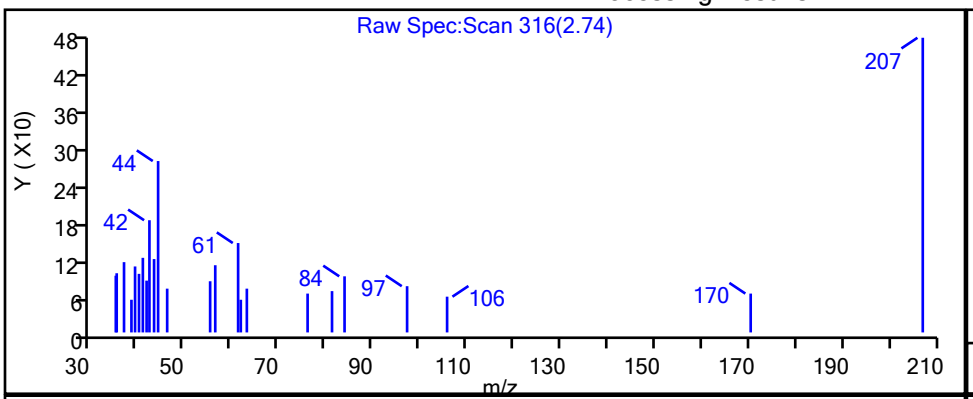
User Disabled Compound Report

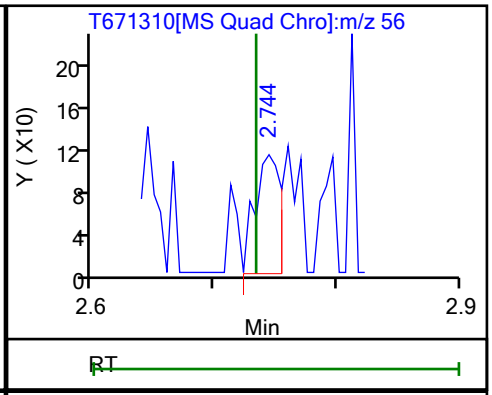
Eurofins Edison

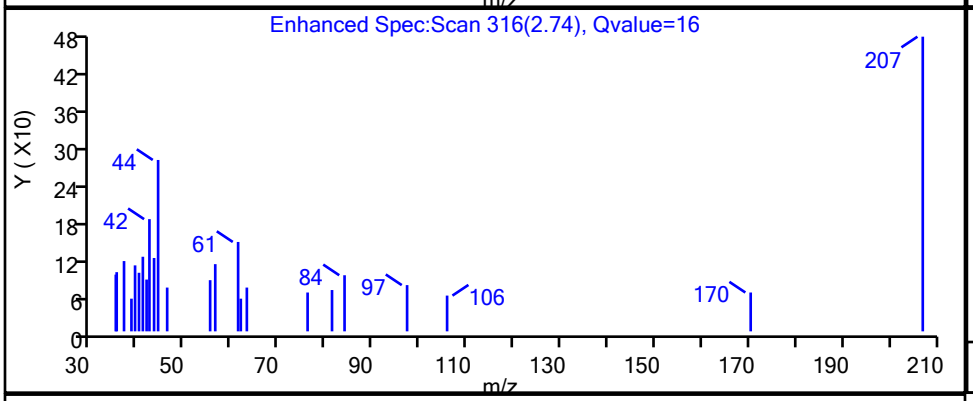
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

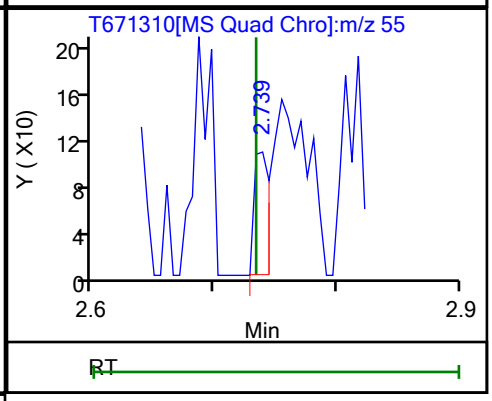
19 Acrolein, CAS: 107-02-8

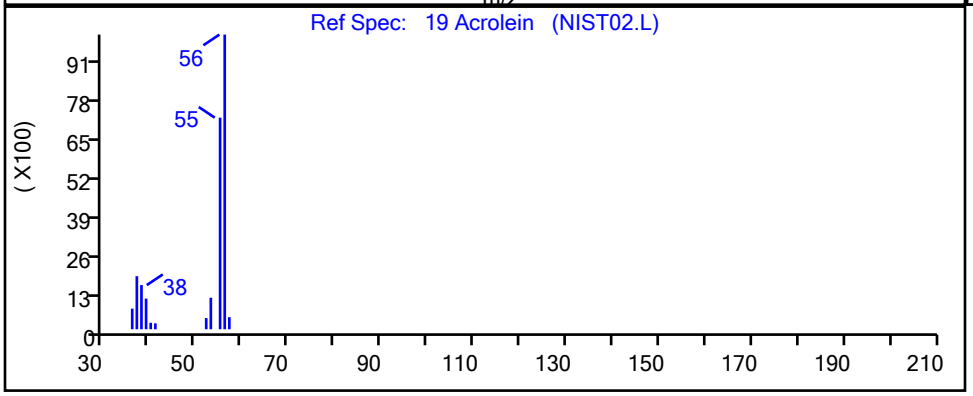
Processing Results











RT	Mass	Response	Amount
2.74	56.00	158	0.160660
2.74	55.00	93	

Reviewer: W9CM, 27-Oct-2023 13:19:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

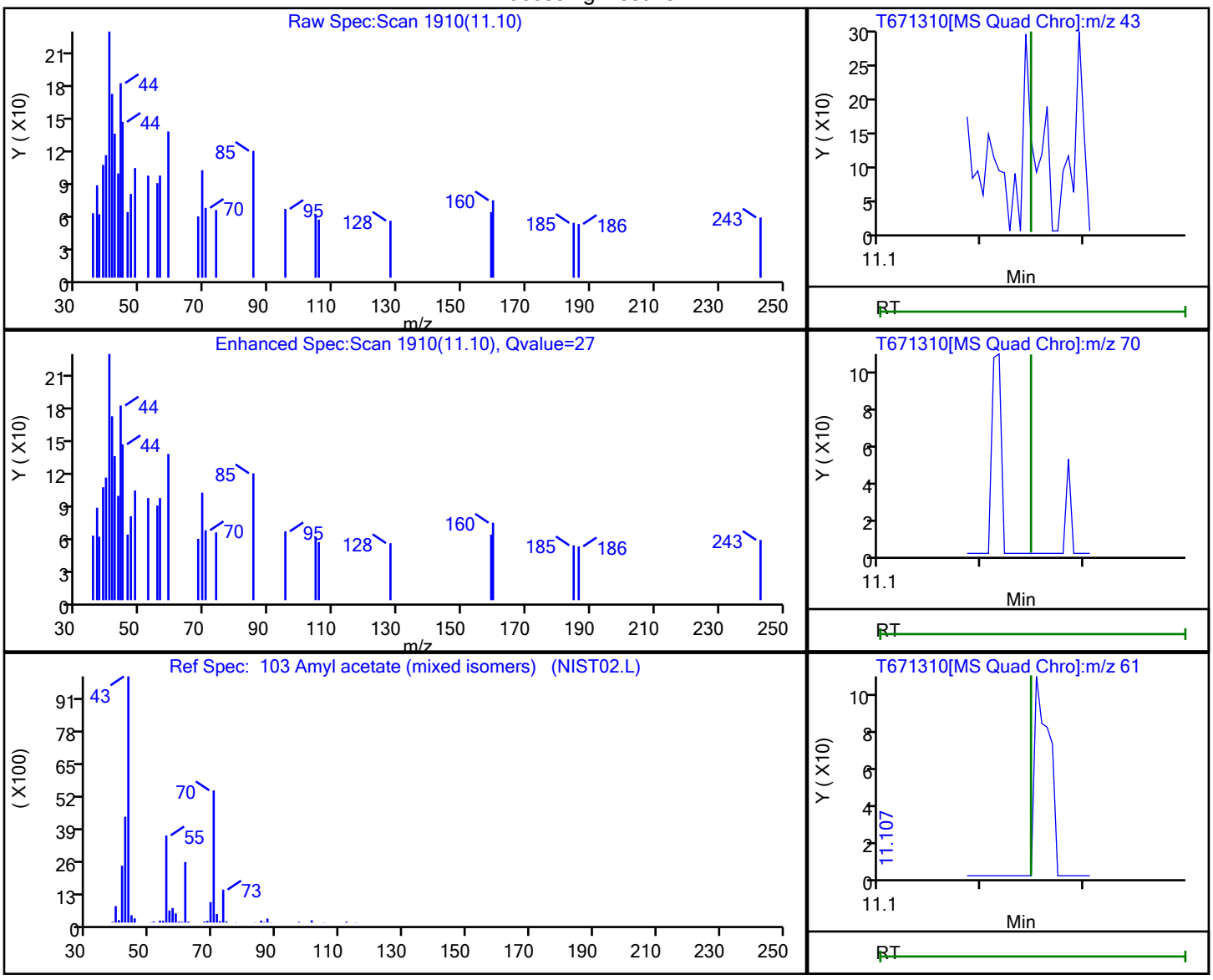
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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

Processing Results



RT	Mass	Response	Amount
11.10	43.00	221	0.478752
11.11	70.00	41	
11.11	61.00	46	

Reviewer: W9CM, 27-Oct-2023 13:21:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

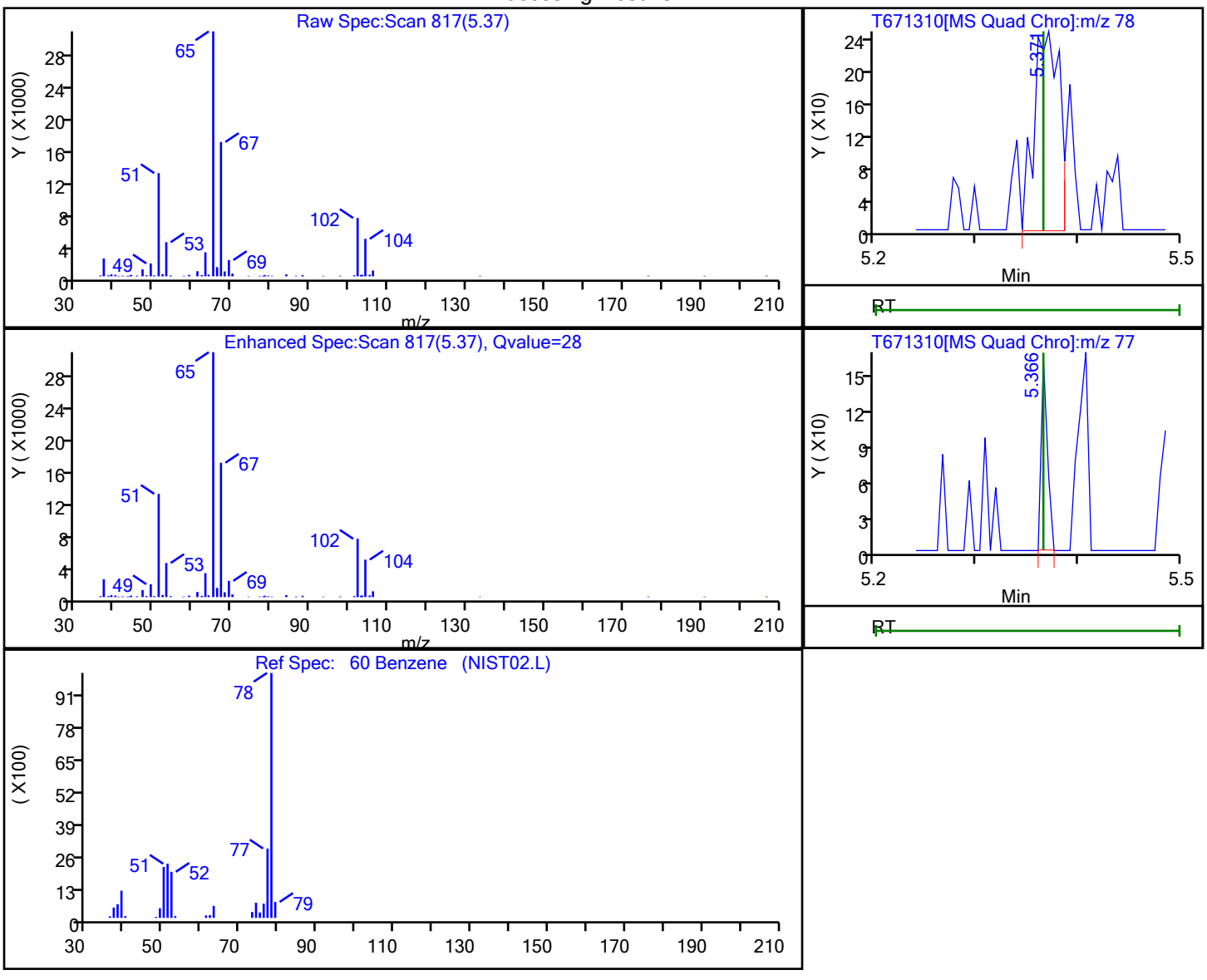
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
5.37	78.00	436	0.031508
5.37	77.00	70	

Reviewer: W9CM, 27-Oct-2023 13:20:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

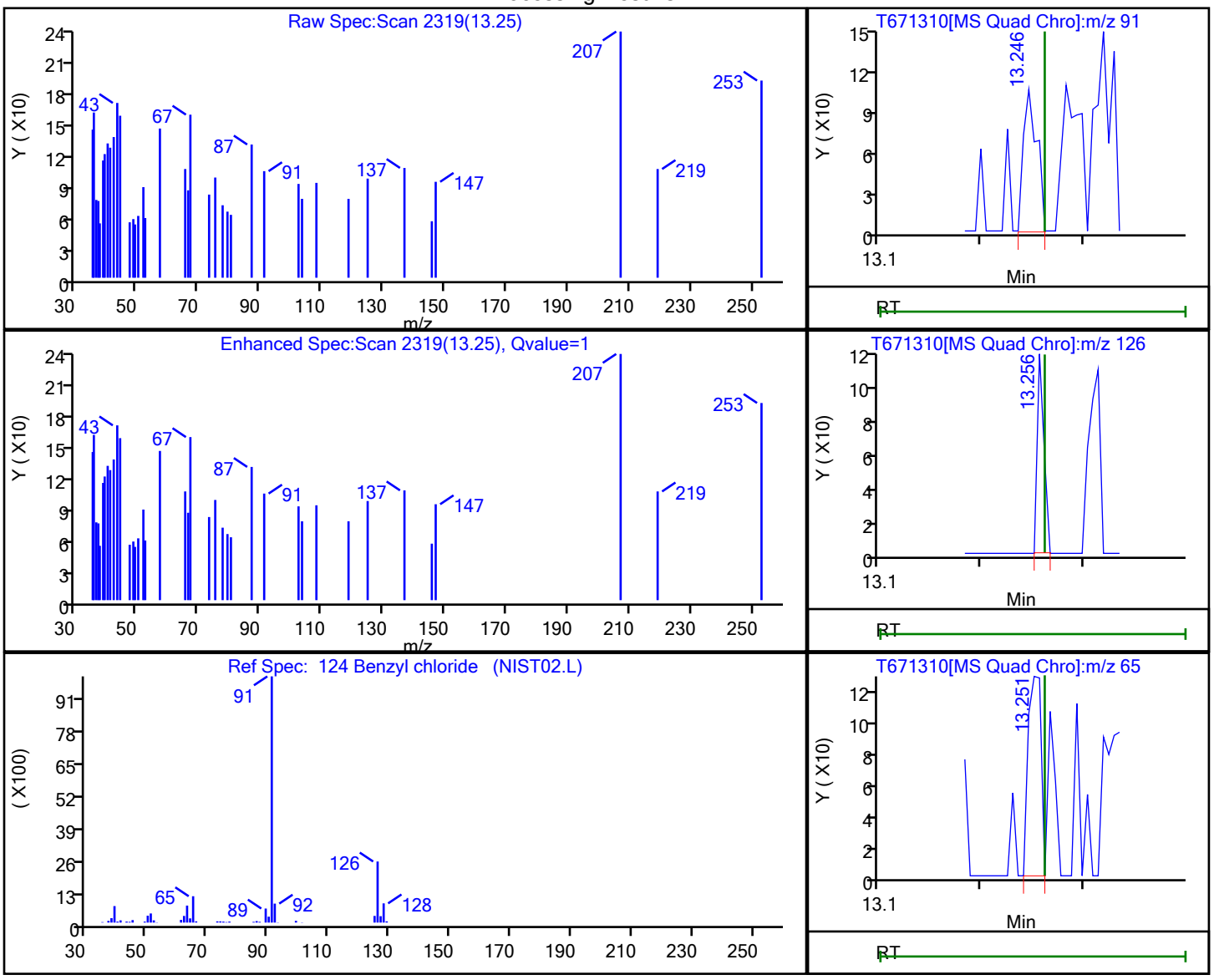
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.25	91.00	93	0.014110
13.26	126.00	53	
13.25	65.00	110	

Reviewer: W9CM, 27-Oct-2023 13:21:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

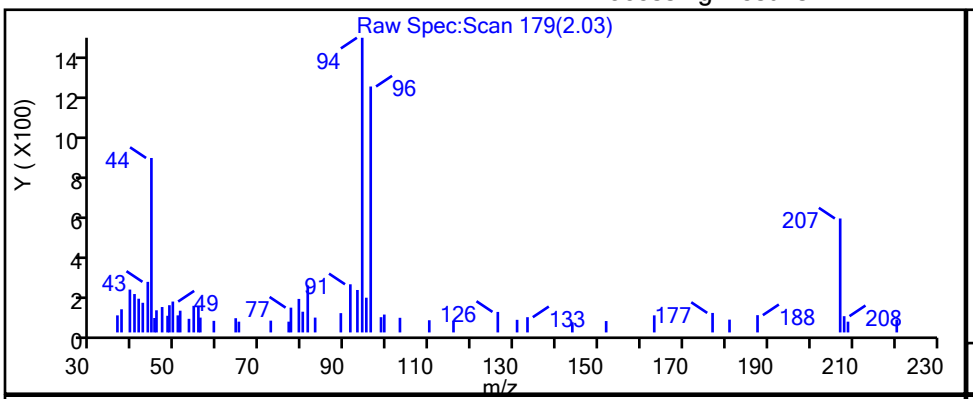
User Disabled Compound Report

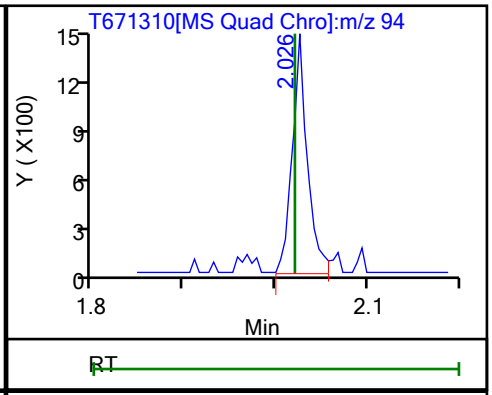
Eurofins Edison

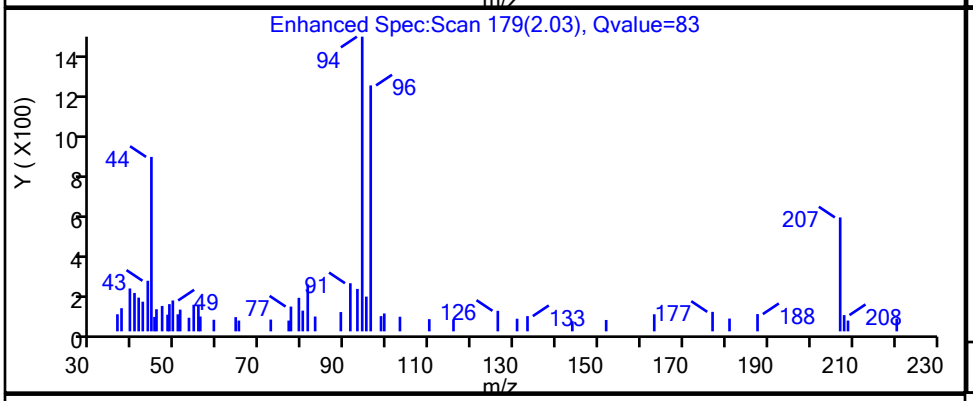
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

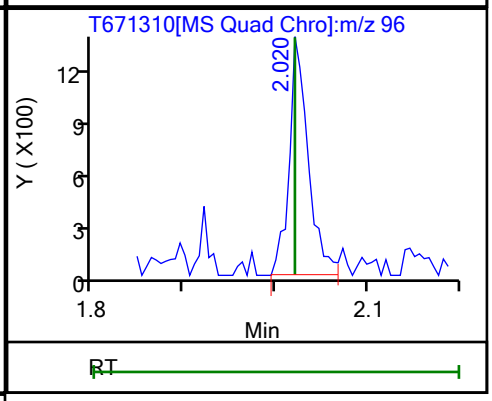
9 Bromomethane, CAS: 74-83-9

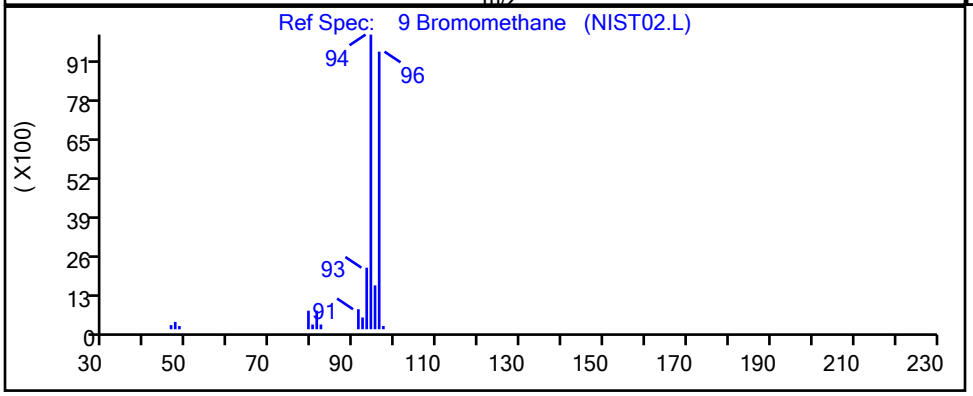
Processing Results











RT	Mass	Response	Amount
2.03	94.00	1655	0.299806
2.02	96.00	2018	

Reviewer: W9CM, 27-Oct-2023 13:19:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

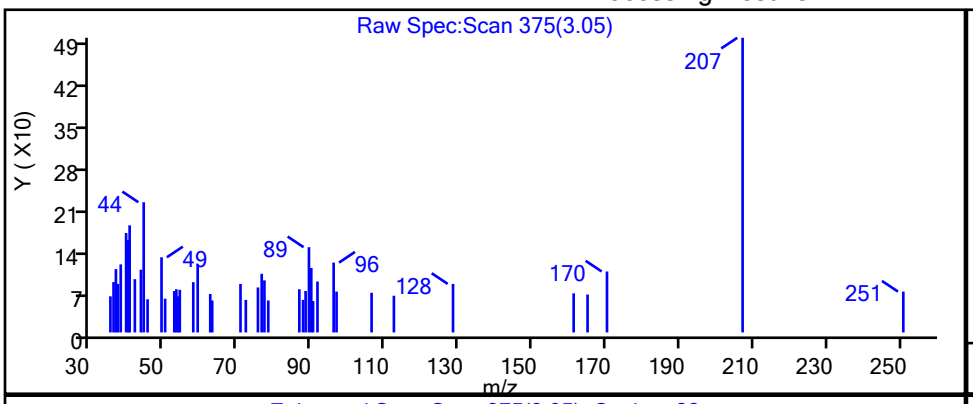
User Disabled Compound Report

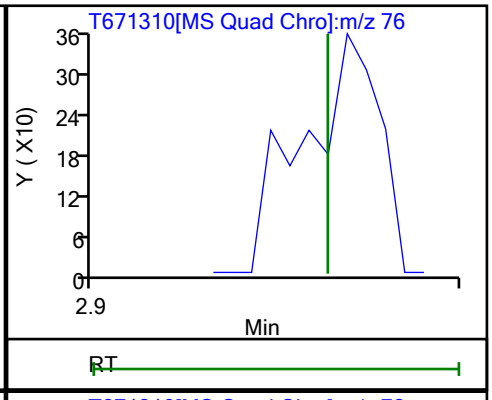
Eurofins Edison

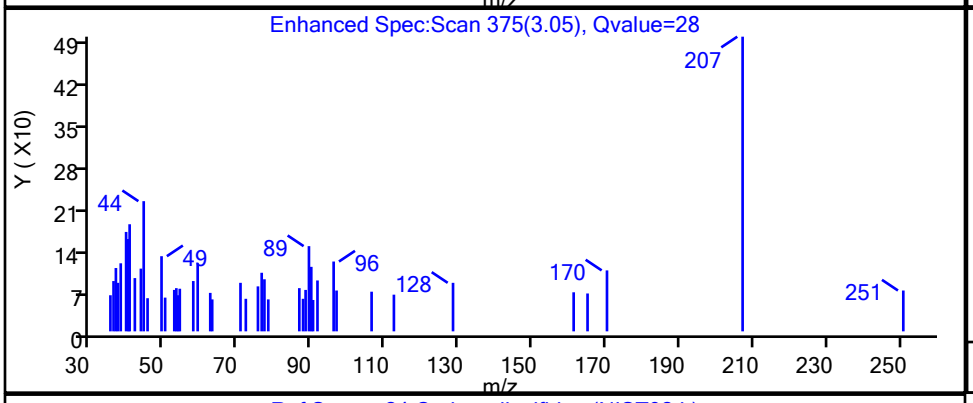
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

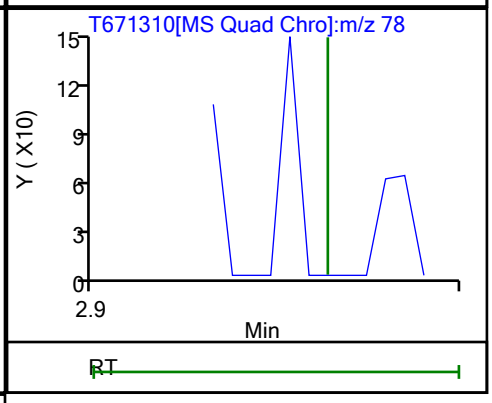
24 Carbon disulfide, CAS: 75-15-0

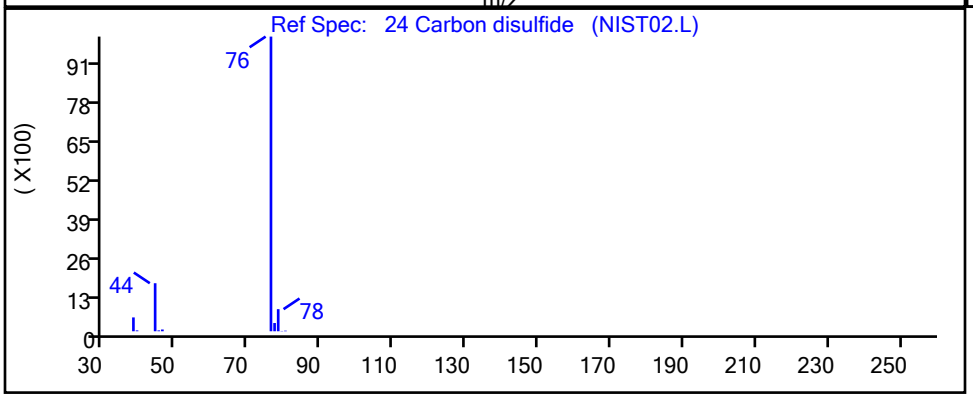
Processing Results











RT	Mass	Response	Amount
3.05	76.00	31	0.004199
3.06	78.00	34	

Reviewer: W9CM, 27-Oct-2023 13:20:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

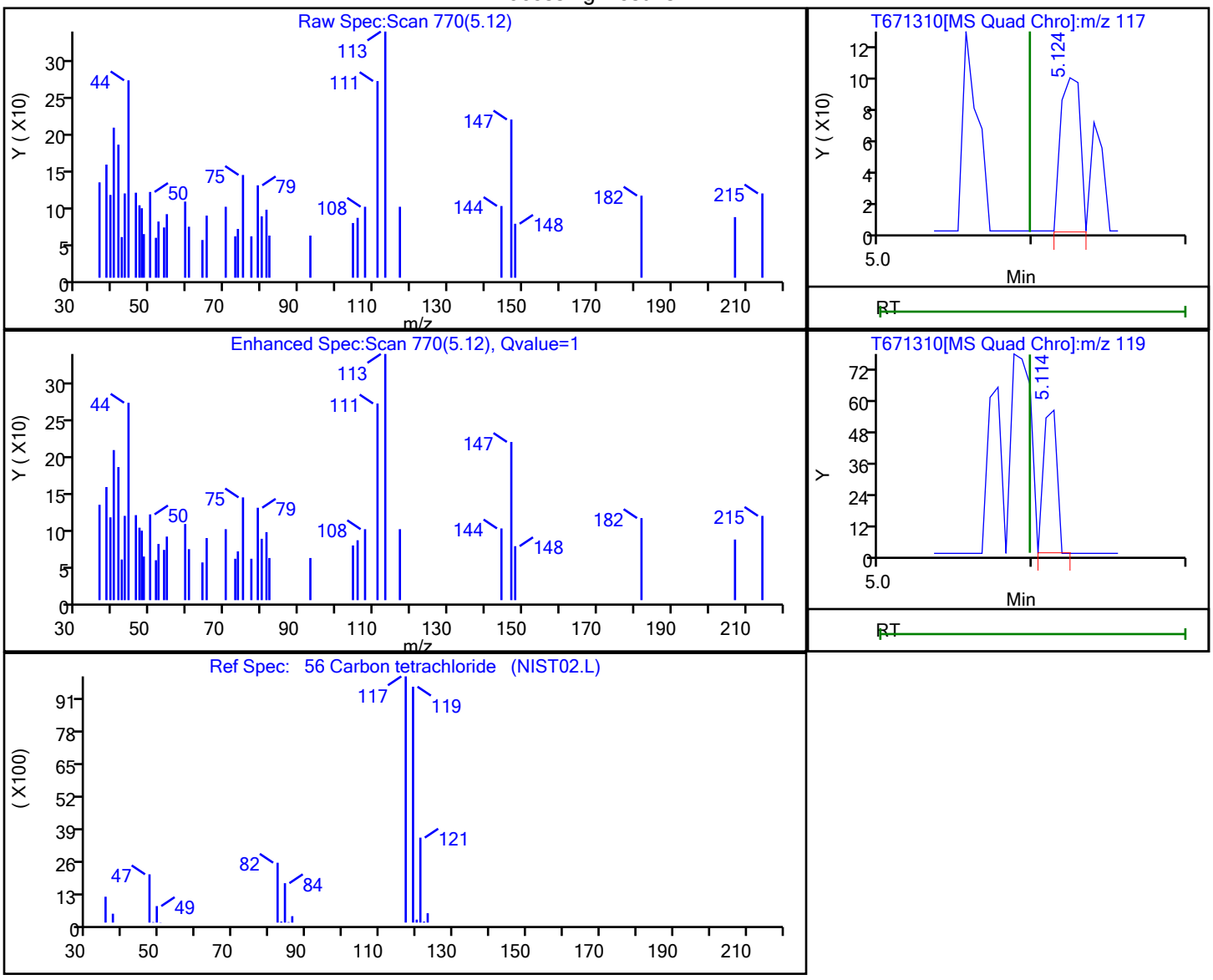
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
5.12	117.00	85	0.015481
5.11	119.00	34	

Reviewer: W9CM, 27-Oct-2023 13:20:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

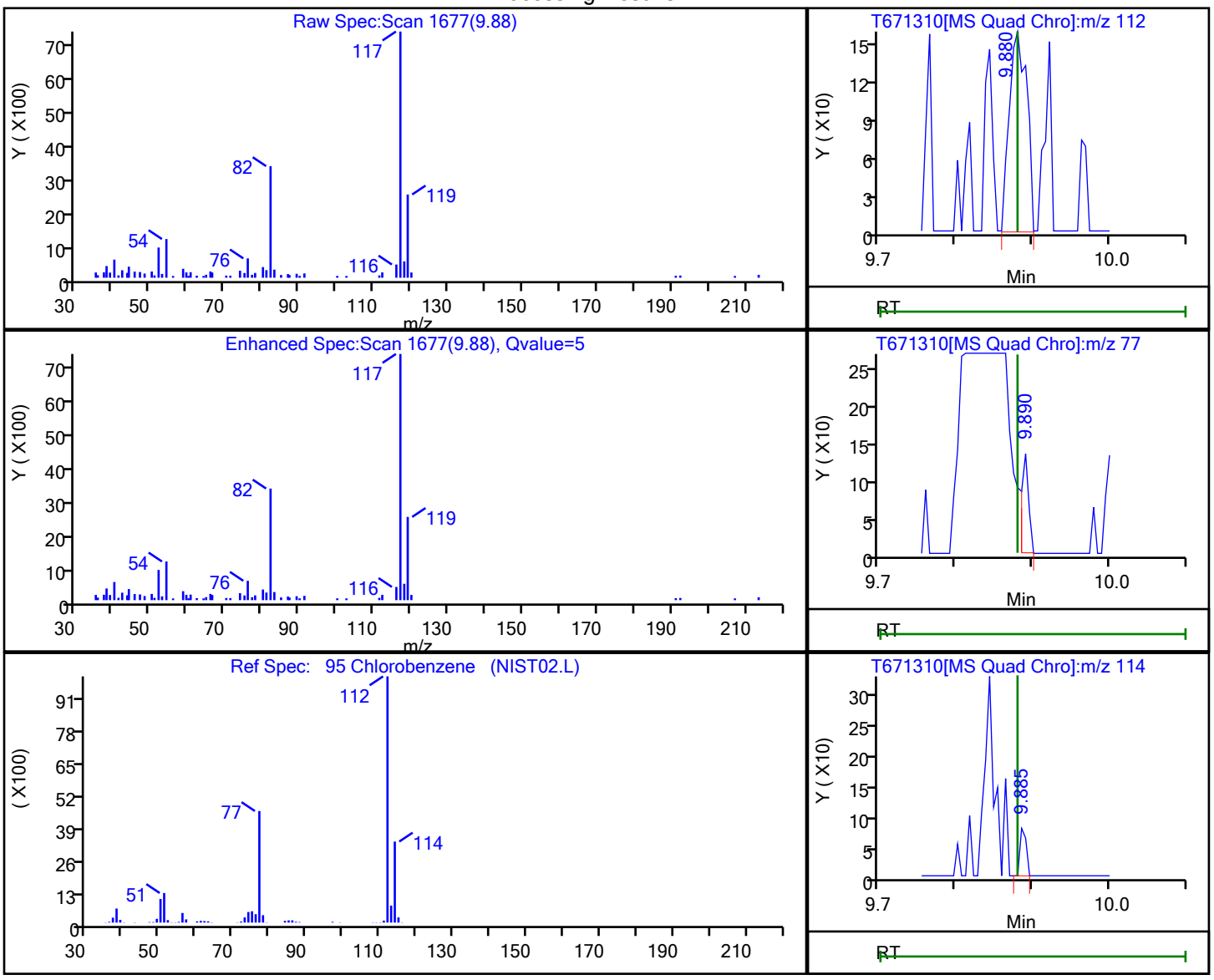
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.88	112.00	252	0.016002
9.89	77.00	84	
9.89	114.00	44	

Reviewer: W9CM, 27-Oct-2023 13:21:30 -04:00:00 (UTC)
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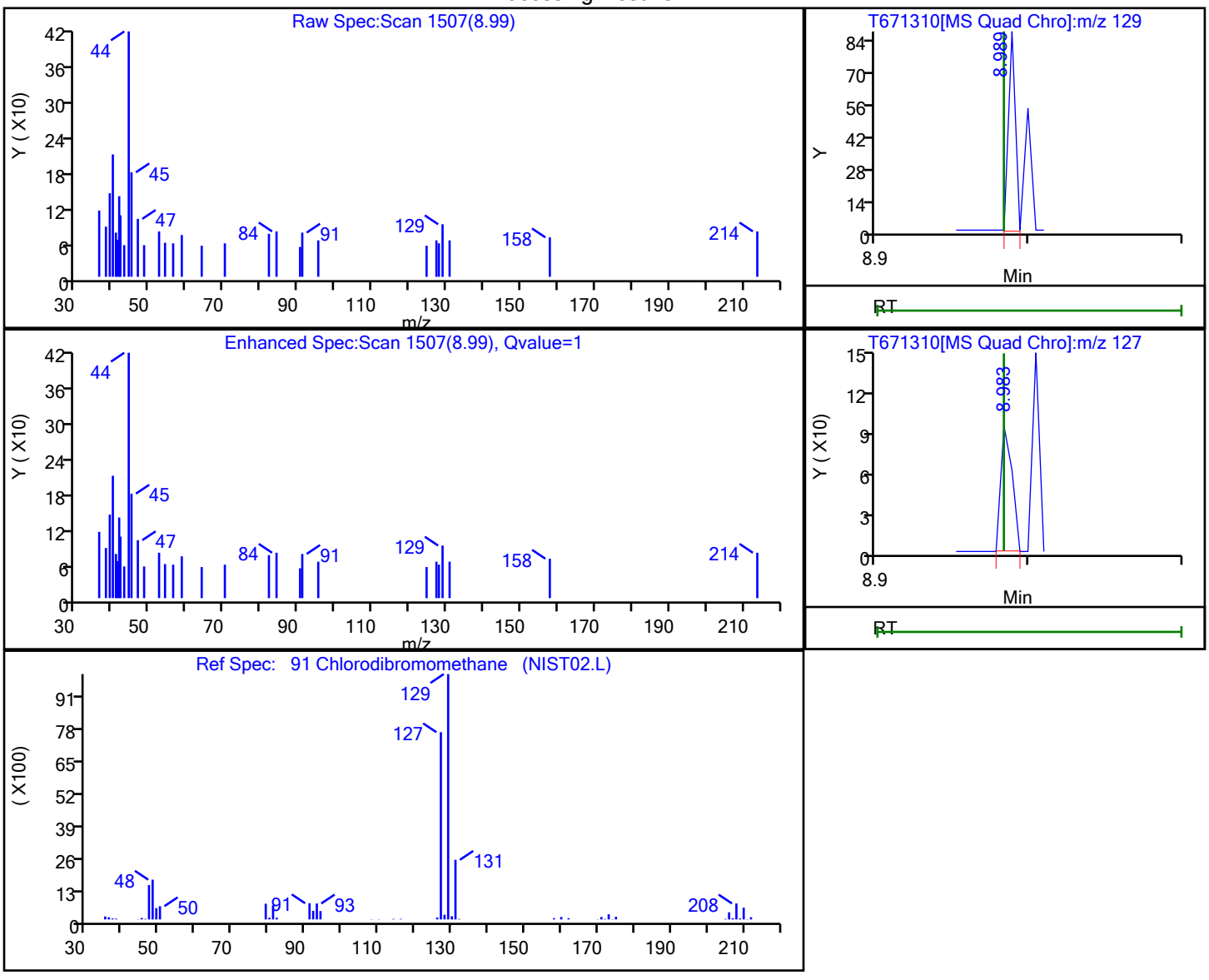
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
8.99	129.00	28	0.008531
8.98	127.00	49	

Reviewer: W9CM, 27-Oct-2023 13:21:28 -04:00:00 (UTC)
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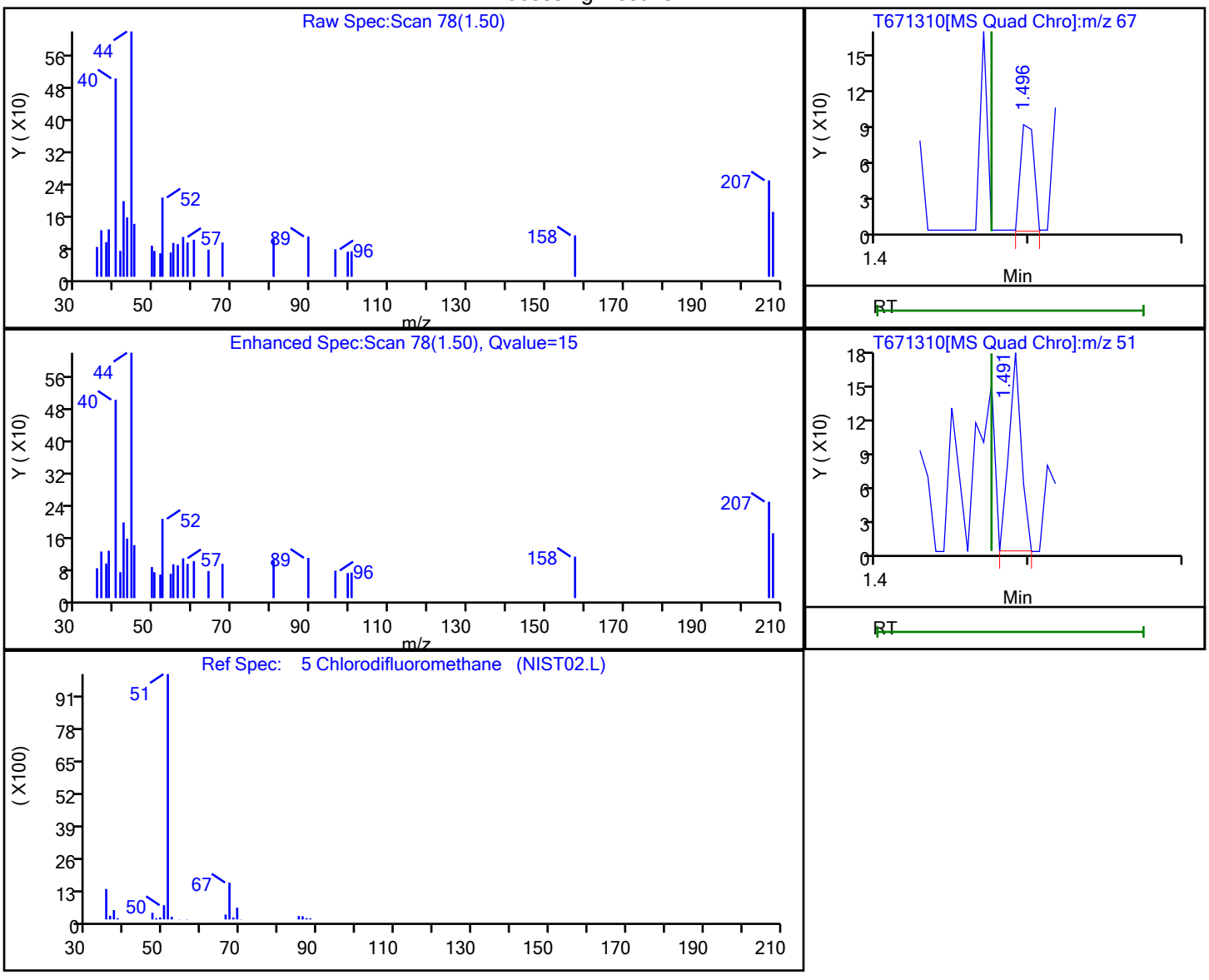
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.50	67.00	53	0.066985
1.49	51.00	97	

Reviewer: W9CM, 27-Oct-2023 13:19:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

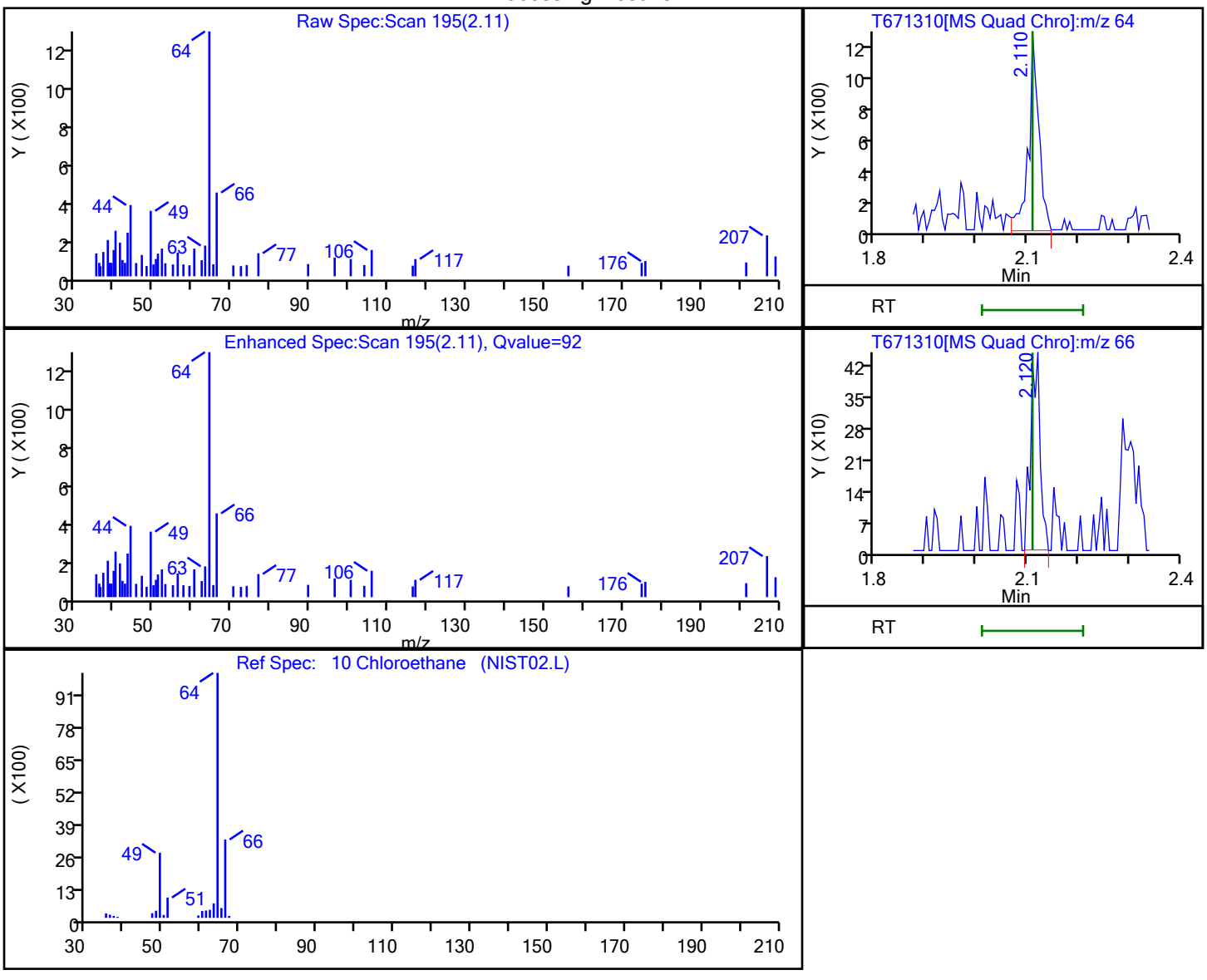
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.11	64.00	1706	0.855799
2.12	66.00	582	

Reviewer: W9CM, 27-Oct-2023 13:19:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

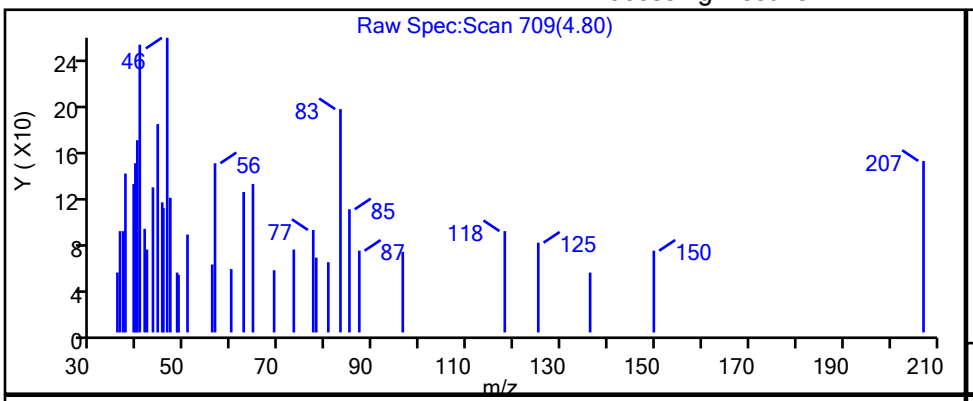
User Disabled Compound Report

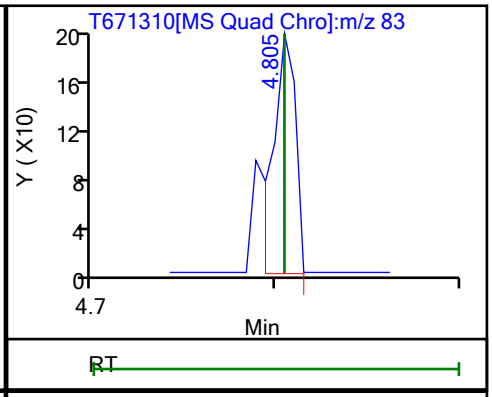
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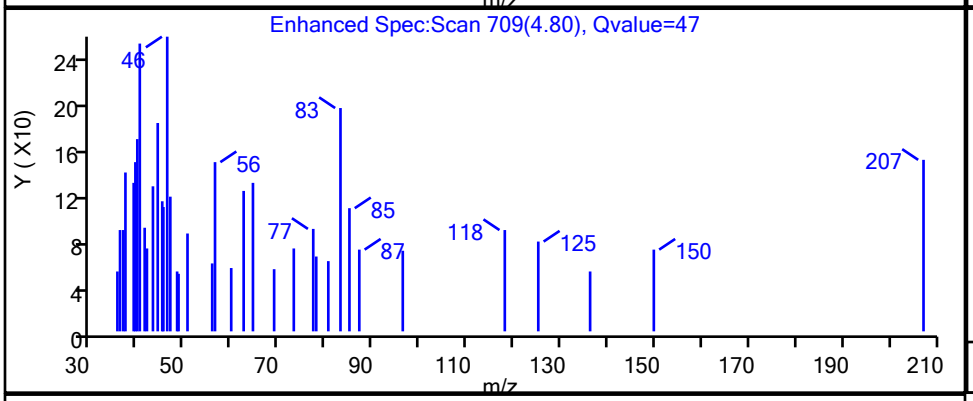
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

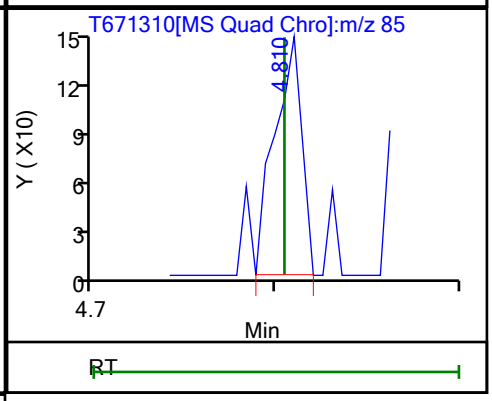
52 Chloroform, CAS: 67-66-3

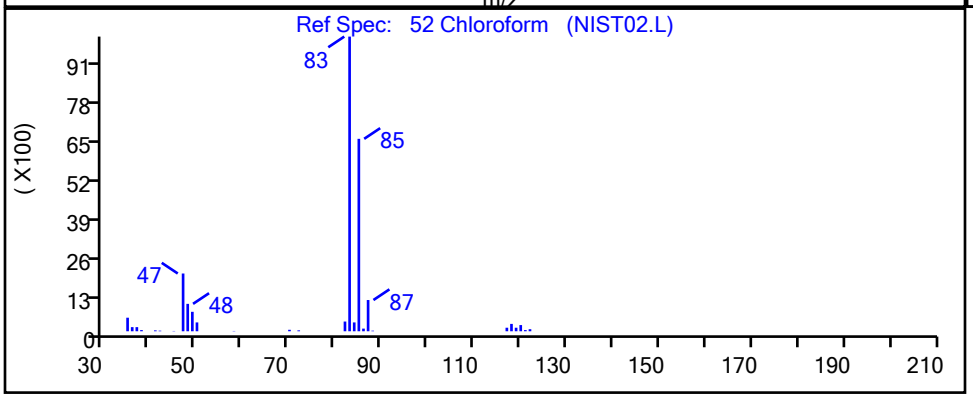
Processing Results











RT	Mass	Response	Amount
4.80	83.00	166	0.023301
4.81	85.00	150	

Reviewer: W9CM, 27-Oct-2023 13:20:42 -04:00:00 (UTC)
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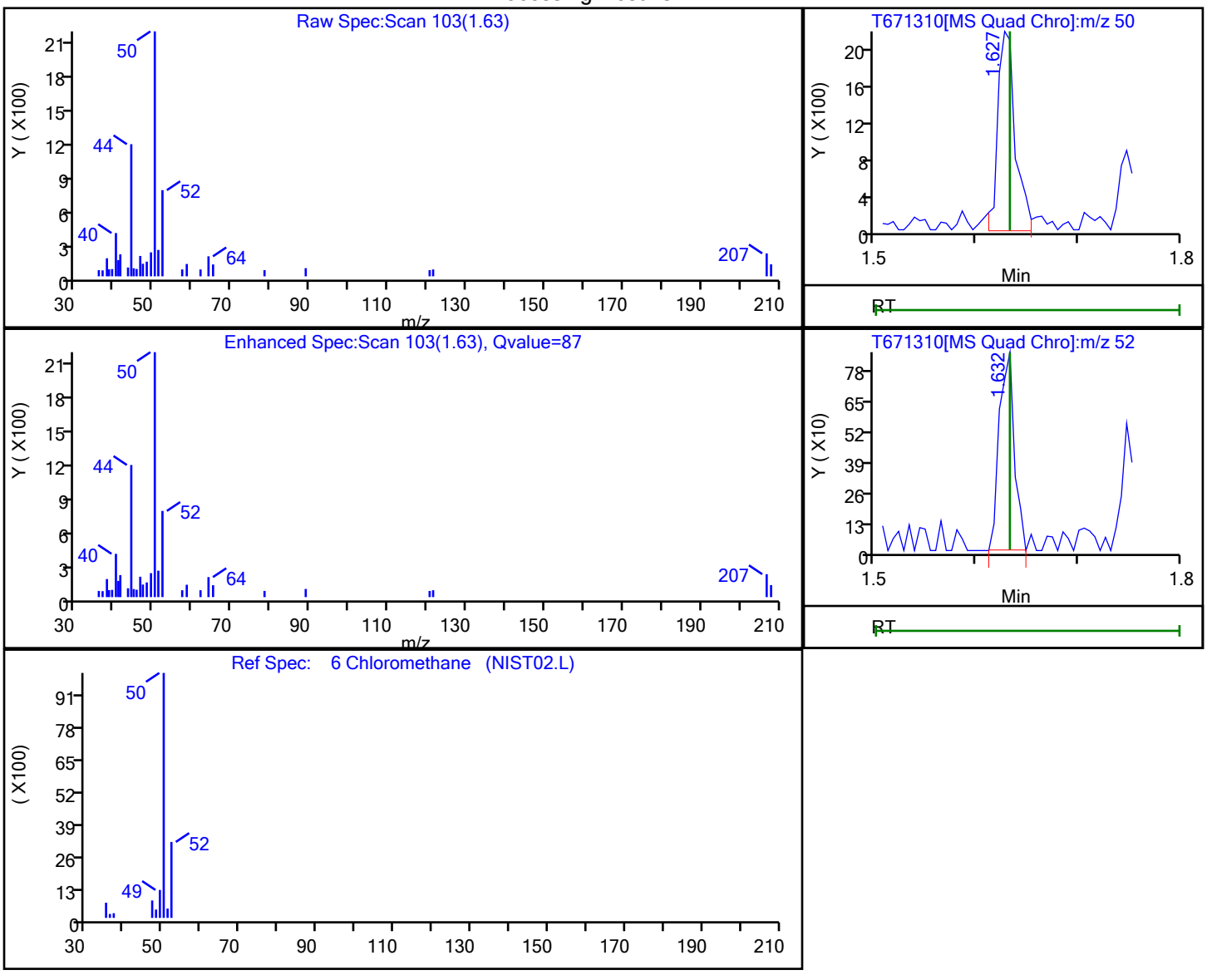
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.63	50.00	2515	0.250000
1.63	52.00	889	

Reviewer: W9CM, 27-Oct-2023 13:19:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

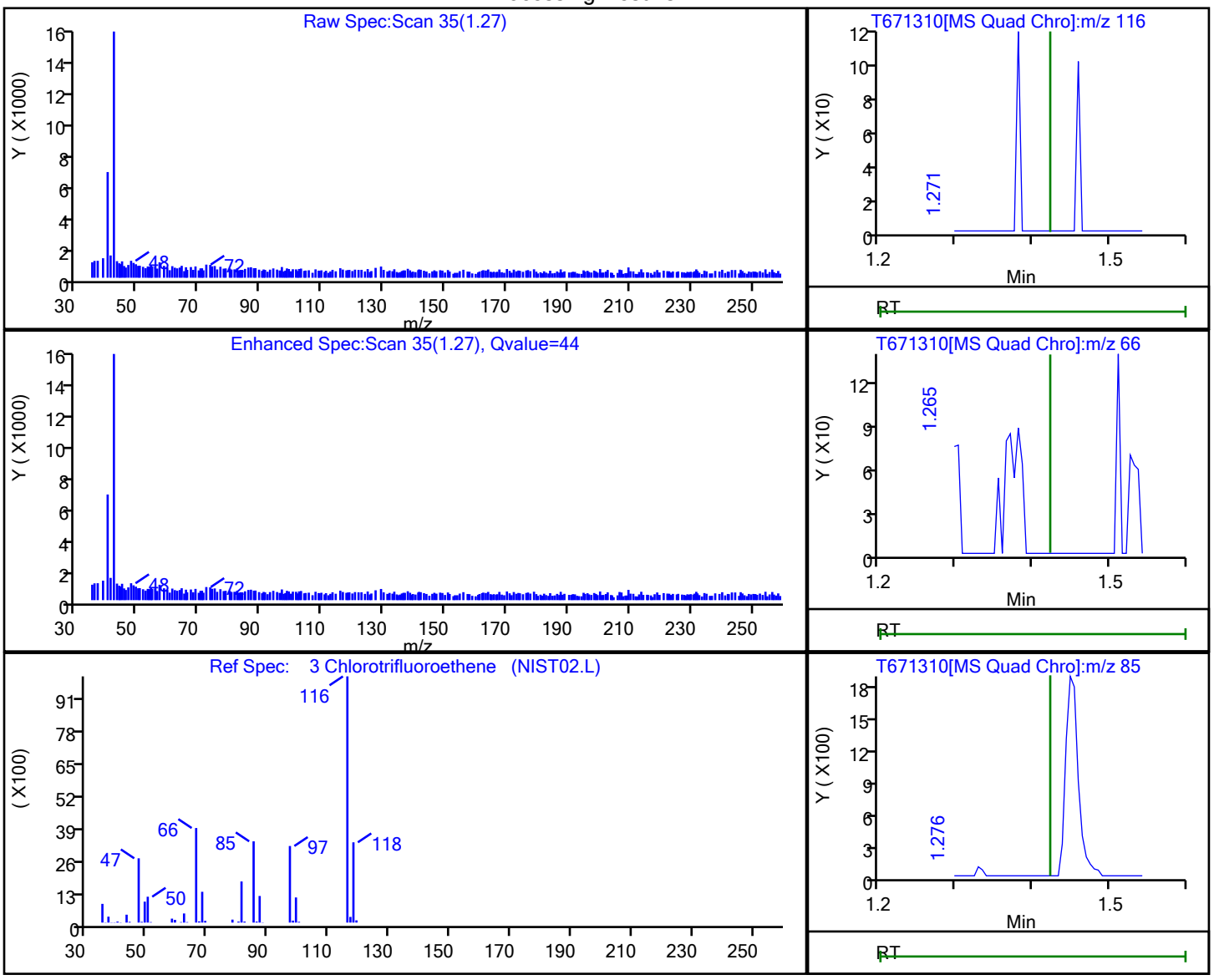
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.27	116.00	908	0.719311
1.27	66.00	766	
1.28	85.00	552	
1.27	118.00	582	

Reviewer: W9CM, 27-Oct-2023 13:19:13 -04:00:00 (UTC)
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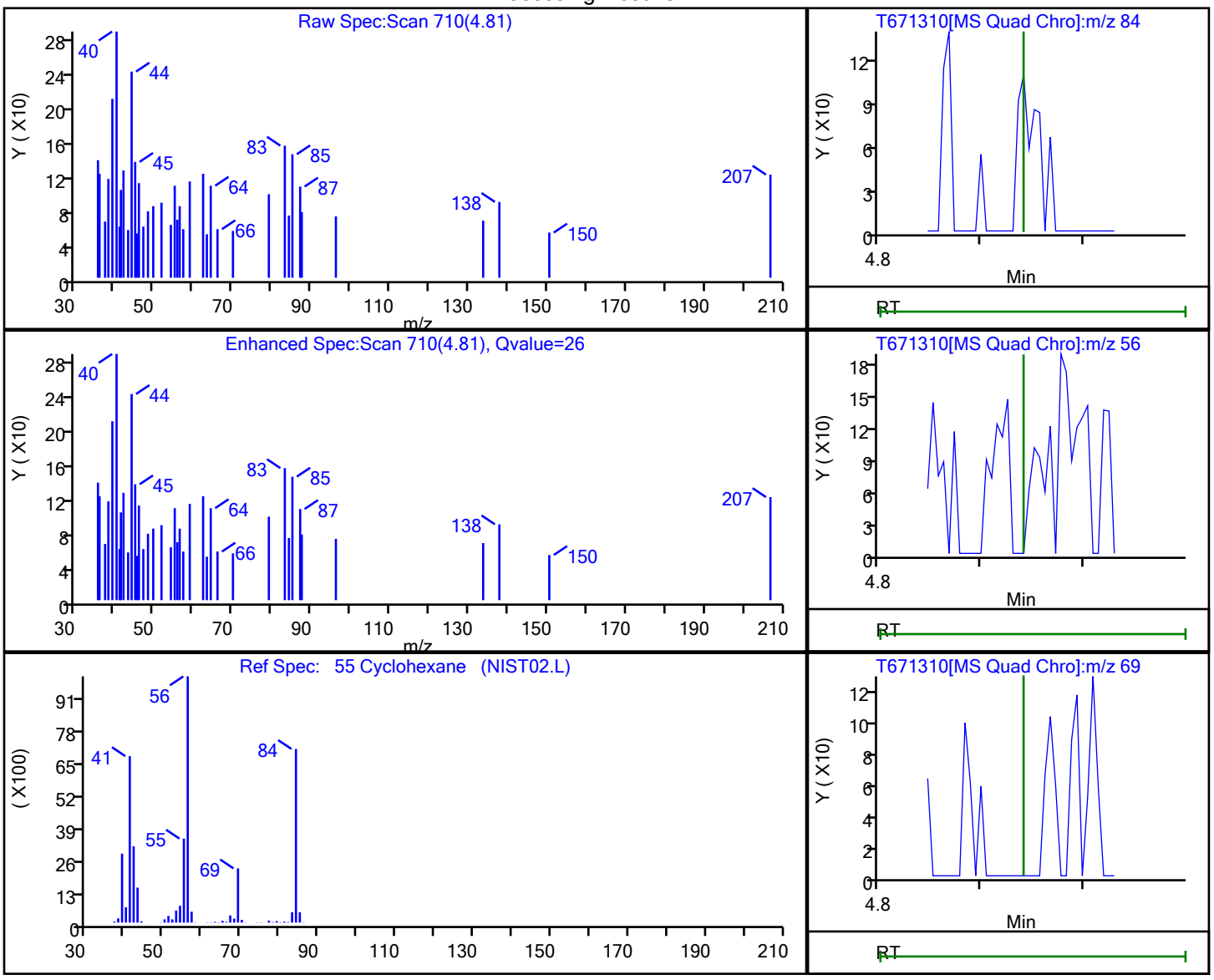
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.81	84.00	65	0.014222
4.80	56.00	73	
4.80	69.00	17	

Reviewer: W9CM, 27-Oct-2023 13:20:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

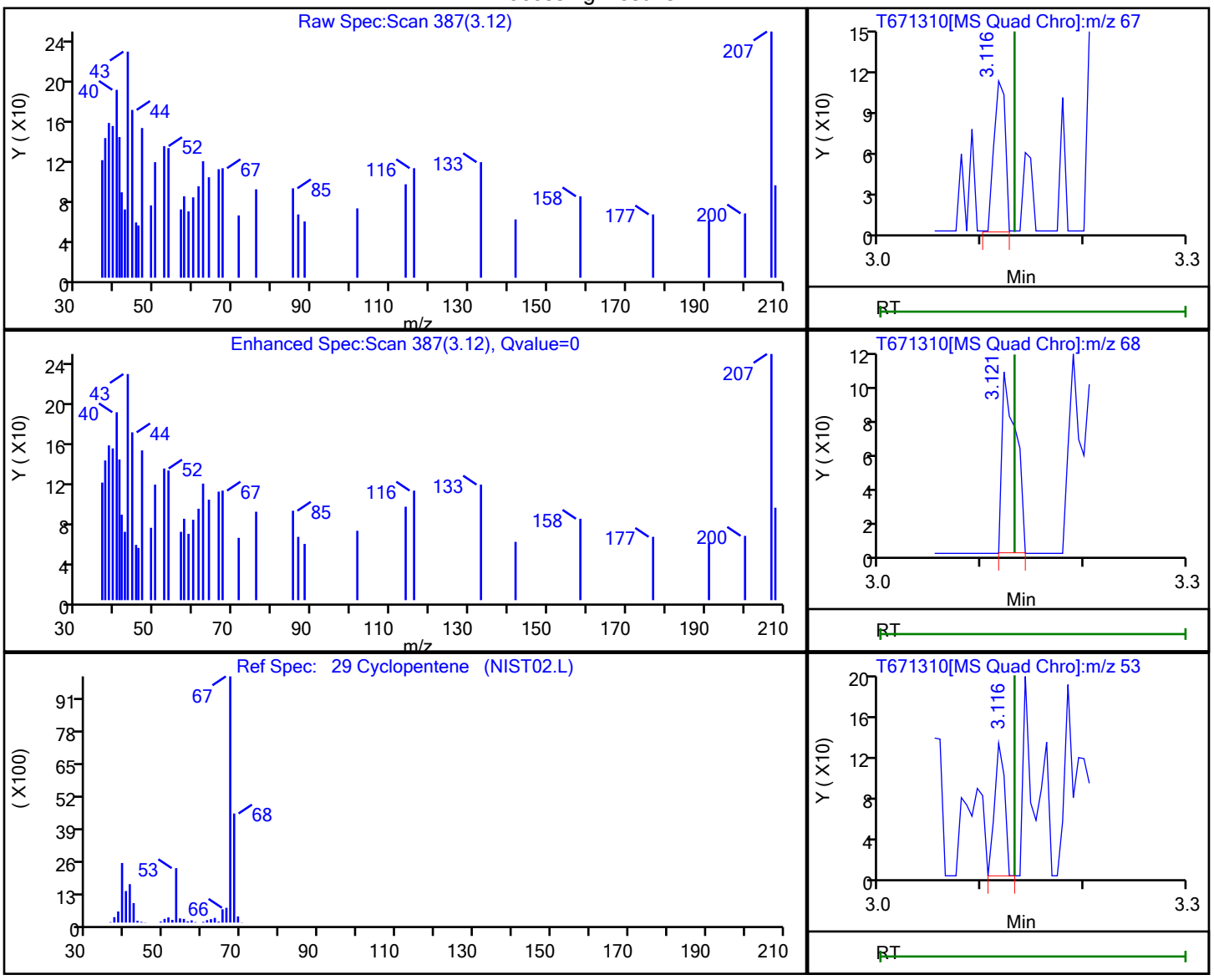
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.12	67.00	84	0.015549
3.12	68.00	97	
3.12	53.00	88	

Reviewer: W9CM, 27-Oct-2023 13:20:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

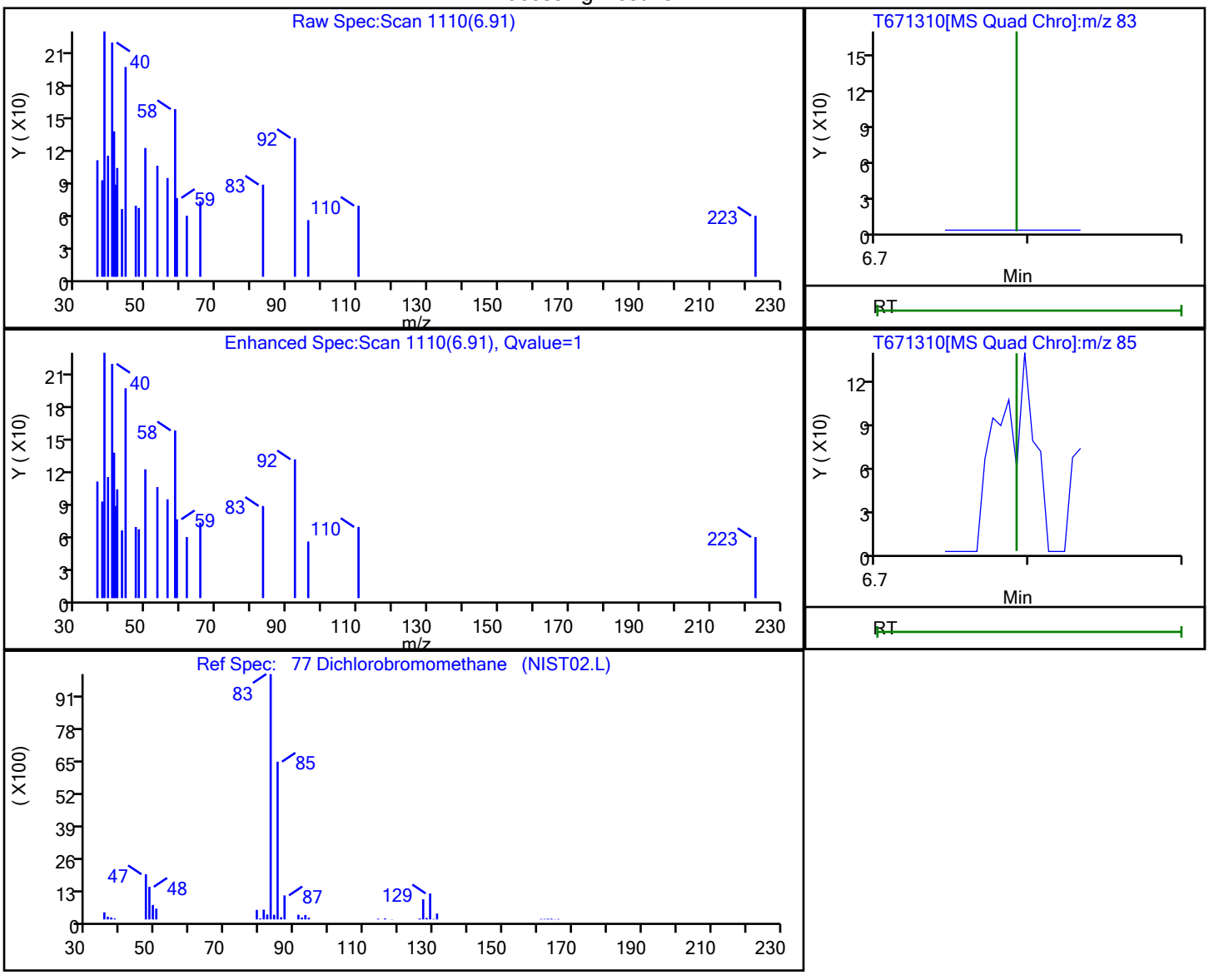
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
6.91	83.00	43	0.024873
6.91	85.00	48	

Reviewer: W9CM, 27-Oct-2023 13:21:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

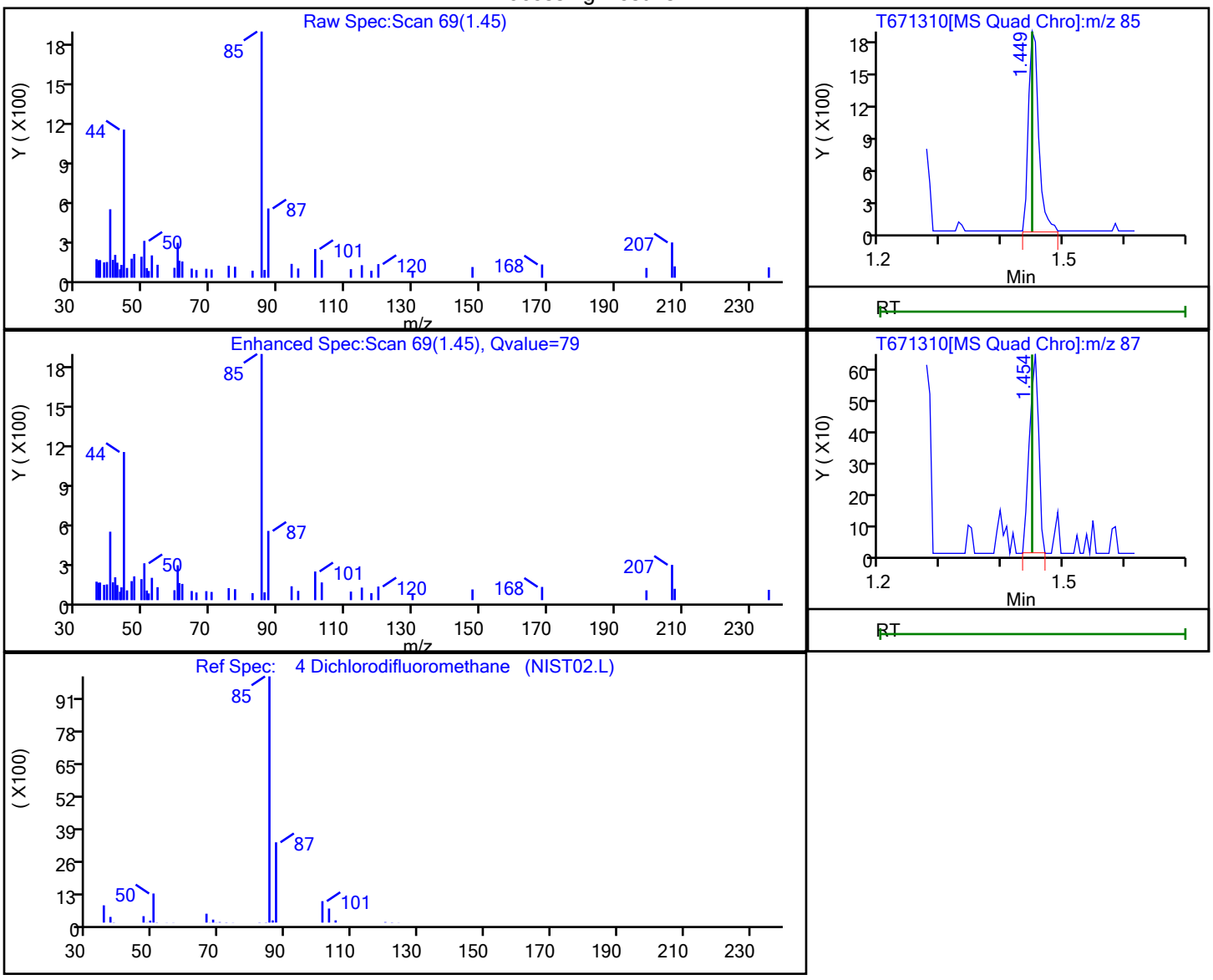
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.45	85.00	2159	0.250000
1.45	87.00	670	

Reviewer: W9CM, 27-Oct-2023 13:19:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

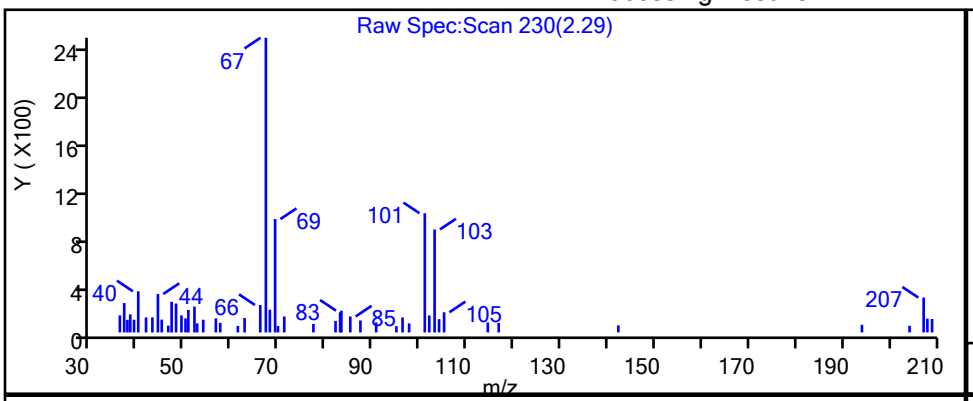
User Disabled Compound Report

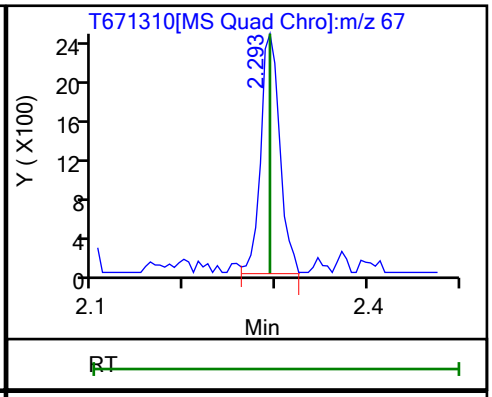
Eurofins Edison

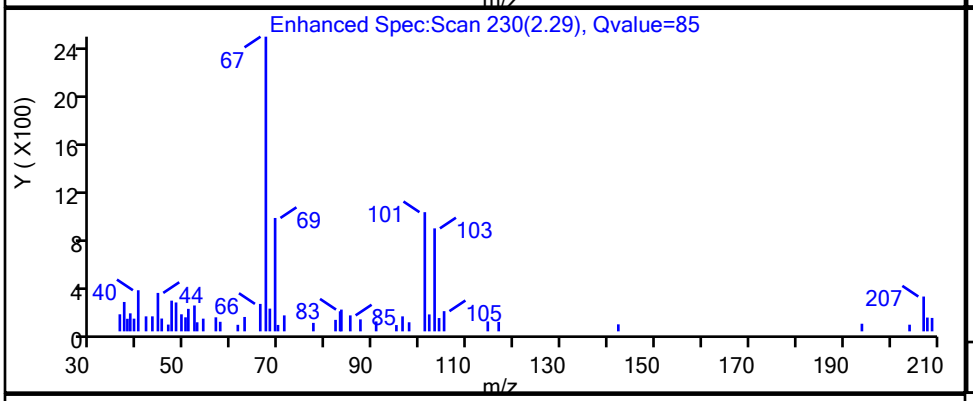
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

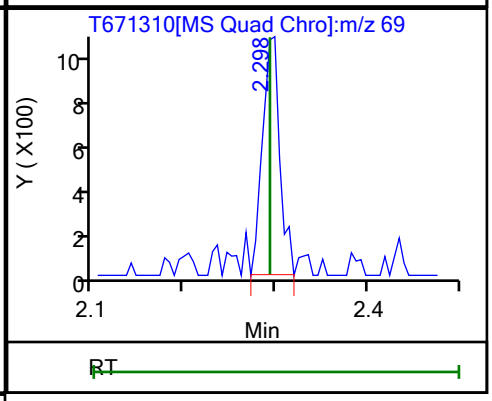
11 Dichlorofluoromethane, CAS: 75-43-4

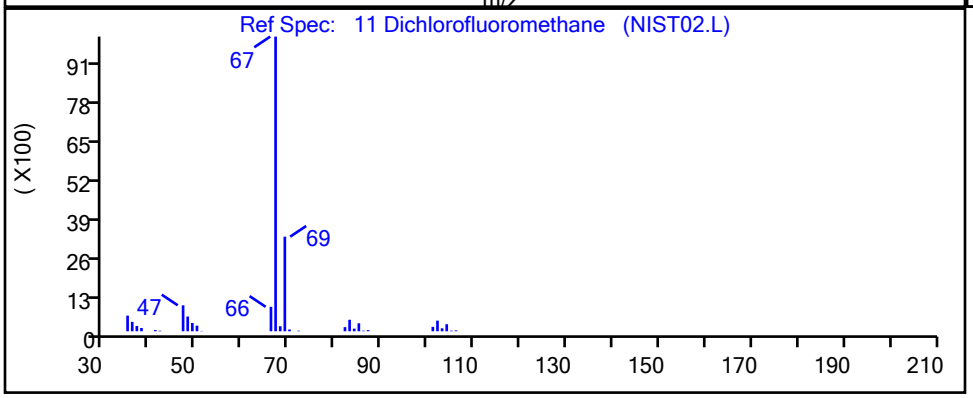
Processing Results











RT	Mass	Response	Amount
2.29	67.00	3511	0.250000
2.30	69.00	1324	

Reviewer: W9CM, 27-Oct-2023 13:19:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

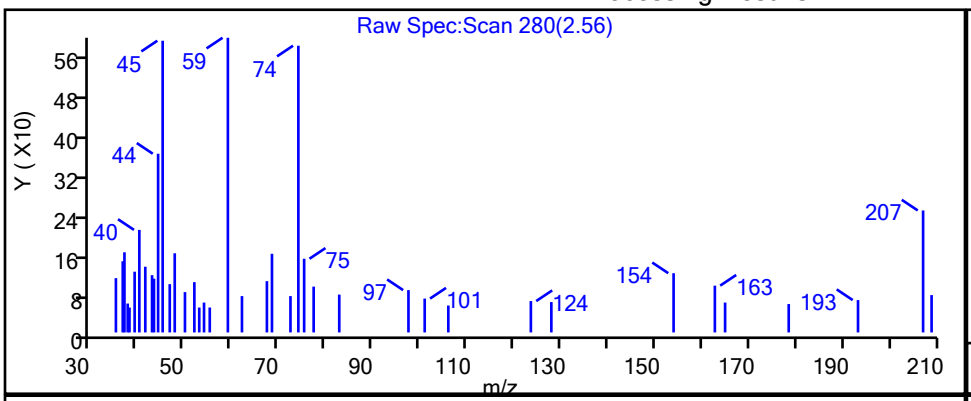
User Disabled Compound Report

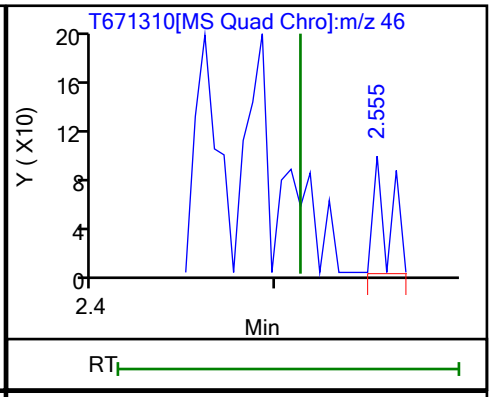
Eurofins Edison

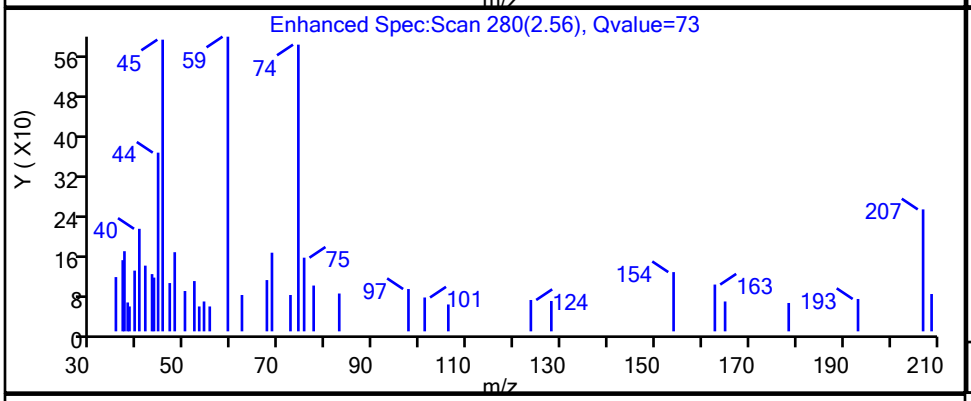
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

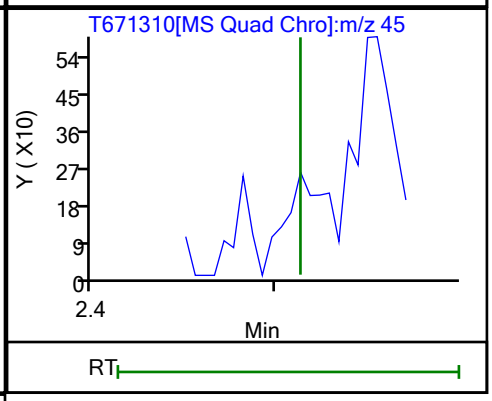
14 Ethanol, CAS: 64-17-5

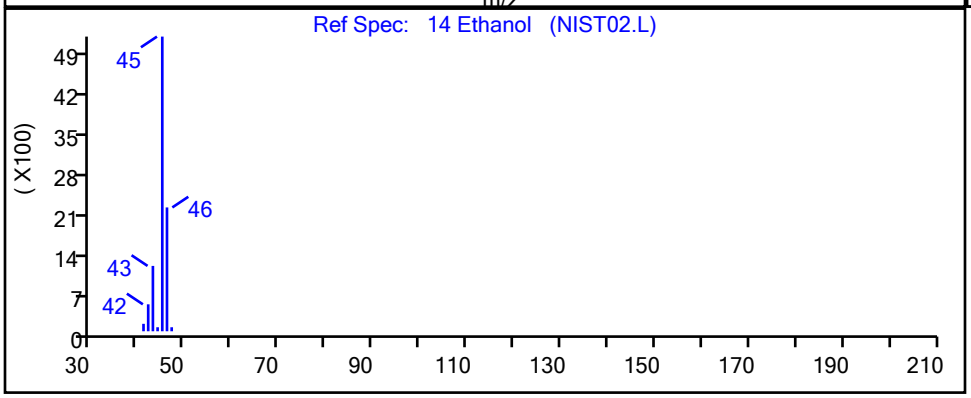
Processing Results











RT	Mass	Response	Amount
2.56	46.00	57	2.854533
2.56	45.00	1117	

Reviewer: W9CM, 27-Oct-2023 13:19:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

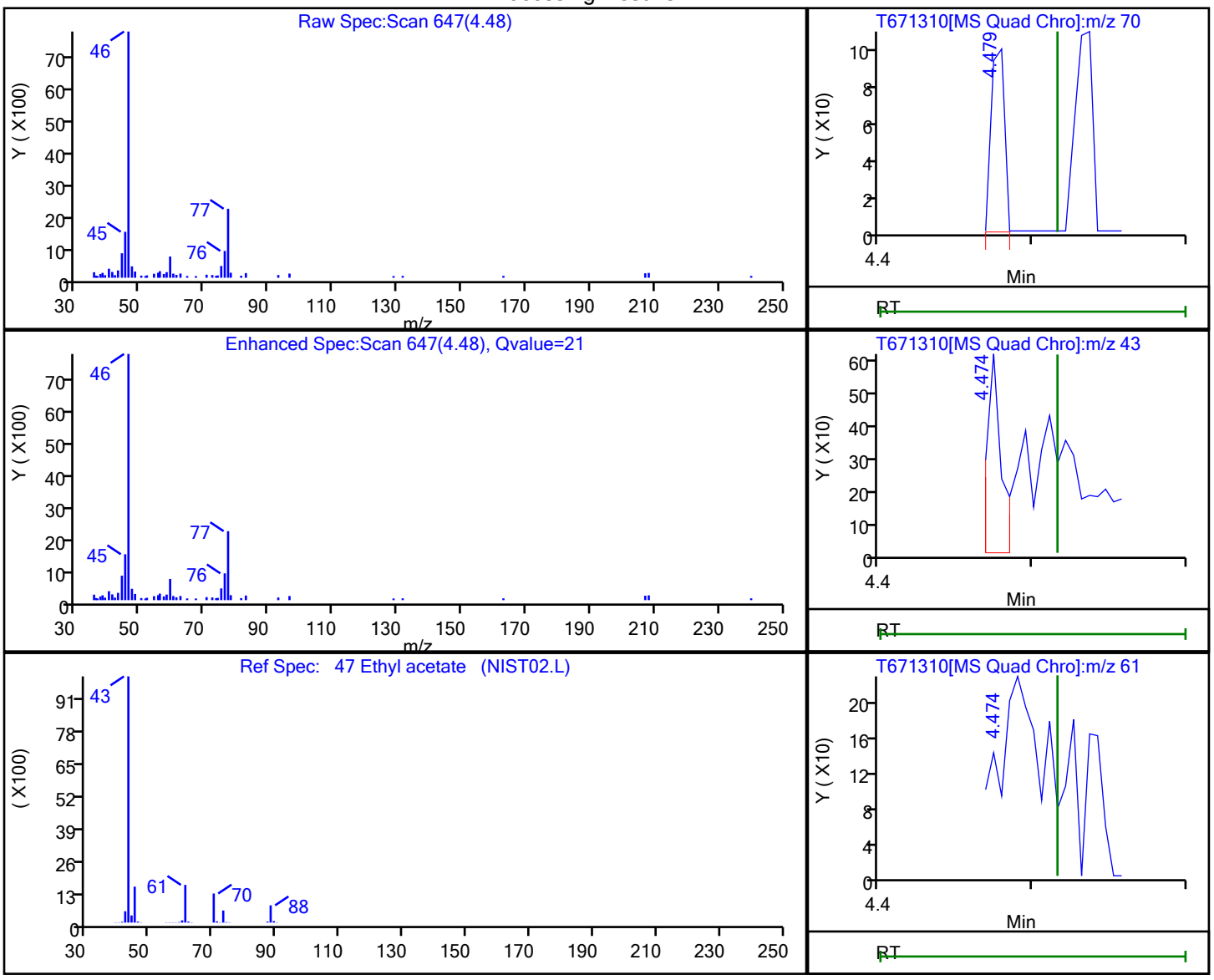
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.48	70.00	57	0.205917
4.47	43.00	409	
4.47	61.00	118	

Reviewer: W9CM, 27-Oct-2023 13:20:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

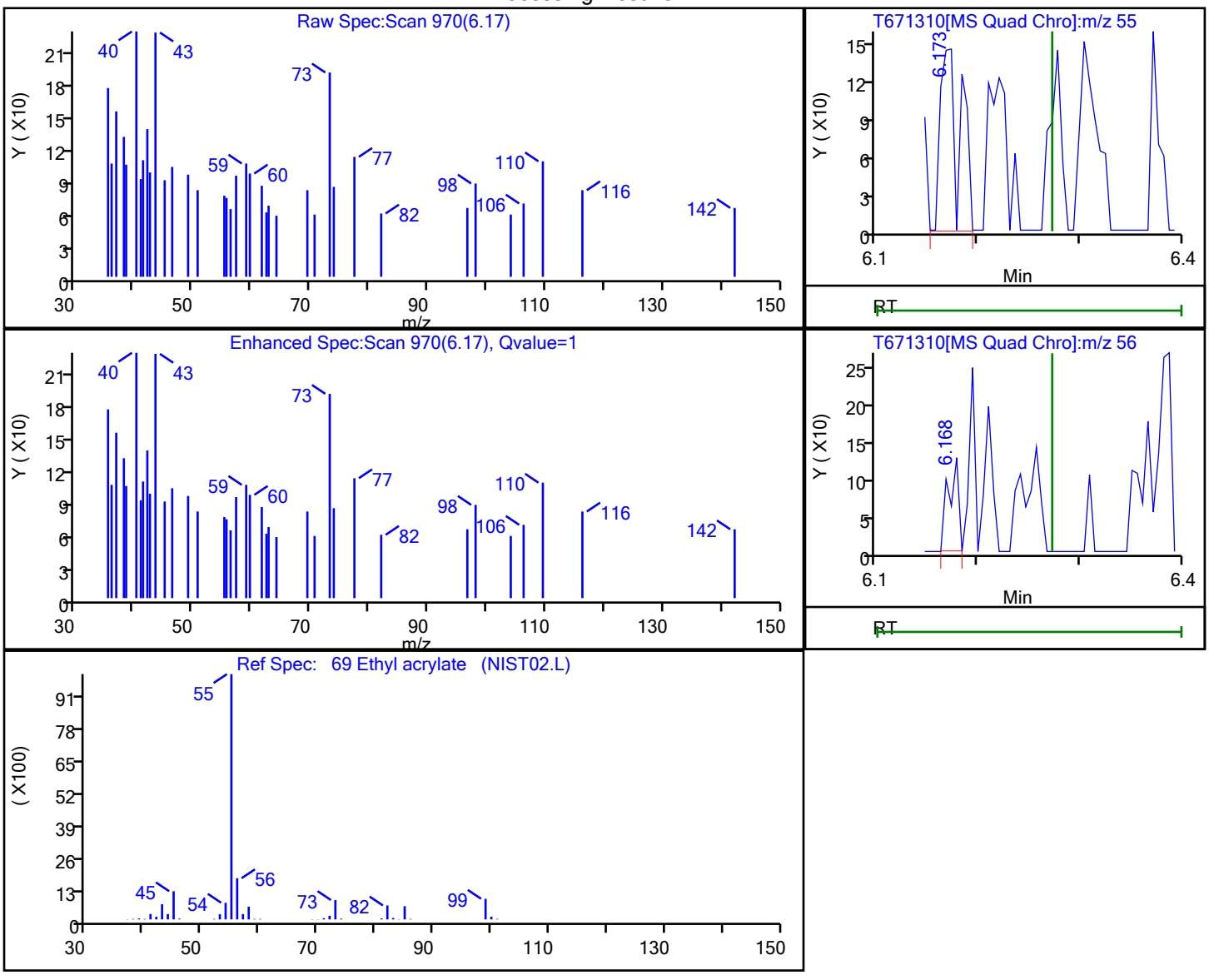
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
6.17	55.00	196	0.078781
6.17	56.00	89	

Reviewer: W9CM, 27-Oct-2023 13:21:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

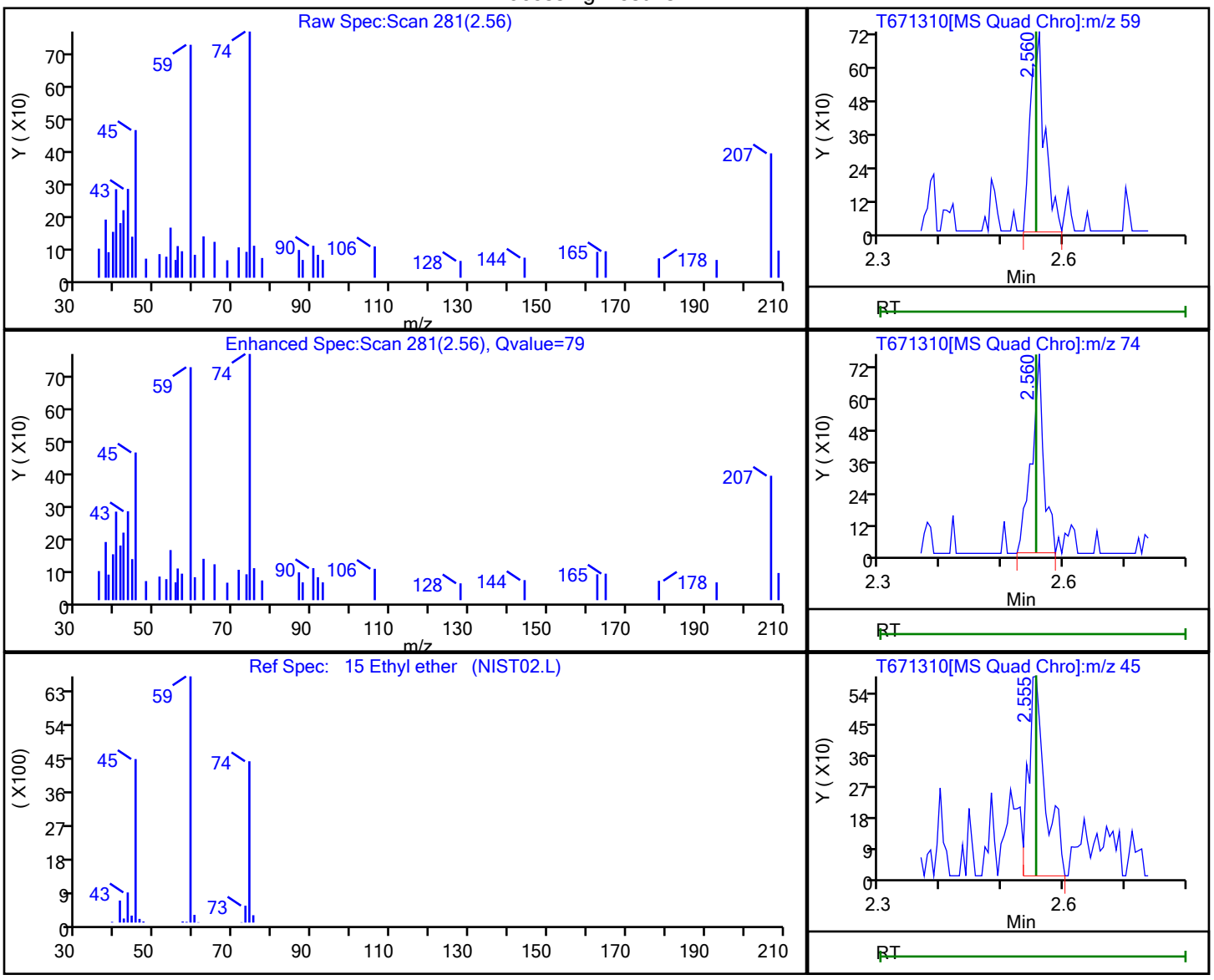
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.56	59.00	1149	-0.697873
2.56	74.00	1050	
2.56	45.00	1117	

Reviewer: W9CM, 27-Oct-2023 13:19:33 -04:00:00 (UTC)
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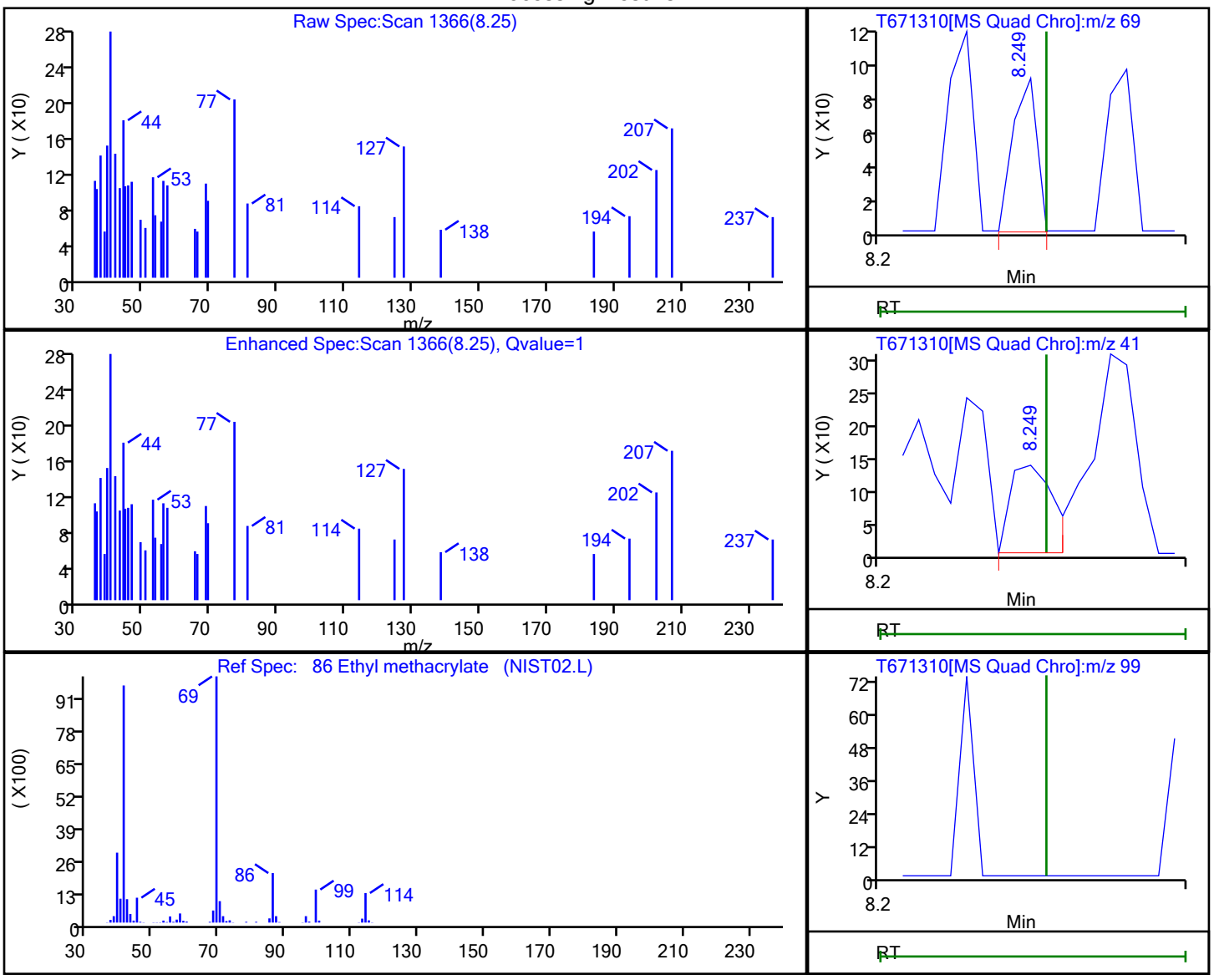
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.25	69.00	46	0.013343
8.25	41.00	136	
8.25	99.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

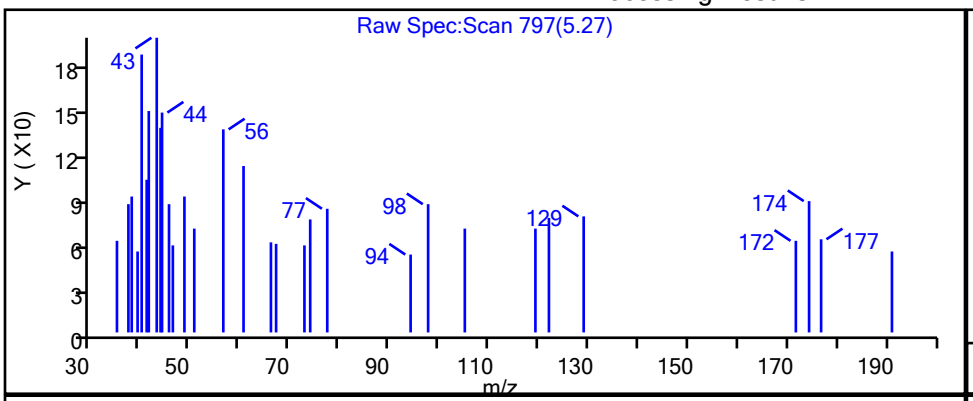
User Disabled Compound Report

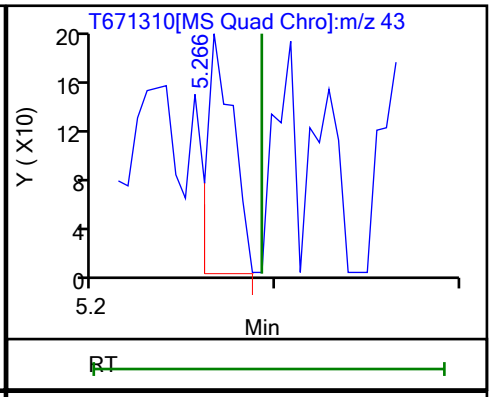
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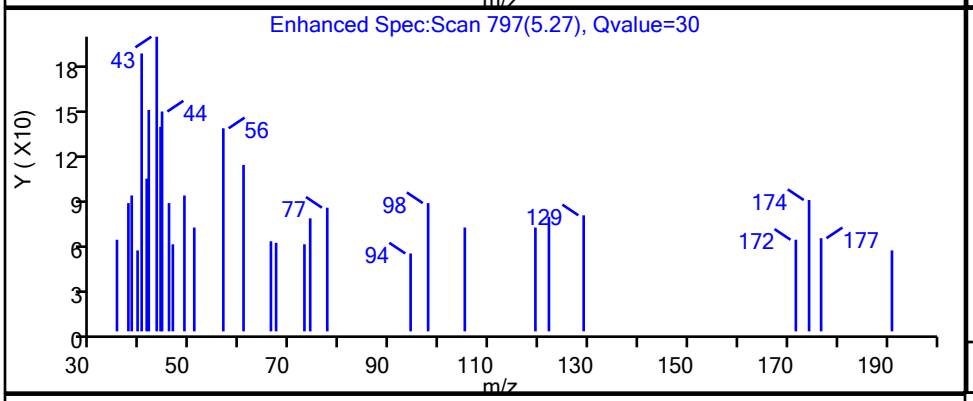
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

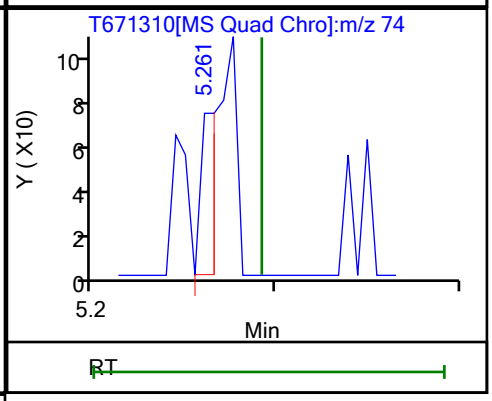
59 Isobutyl alcohol, CAS: 78-83-1

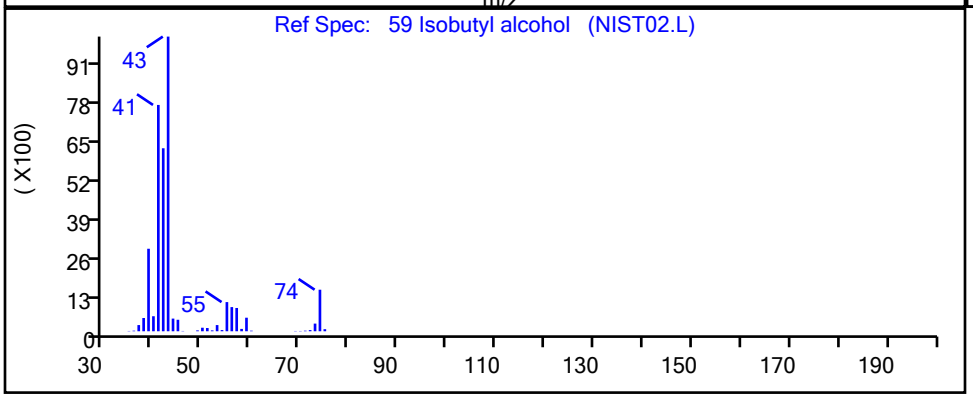
Processing Results











RT	Mass	Response	Amount
5.27	43.00	187	1.746501
5.26	74.00	47	

Reviewer: W9CM, 27-Oct-2023 13:20:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

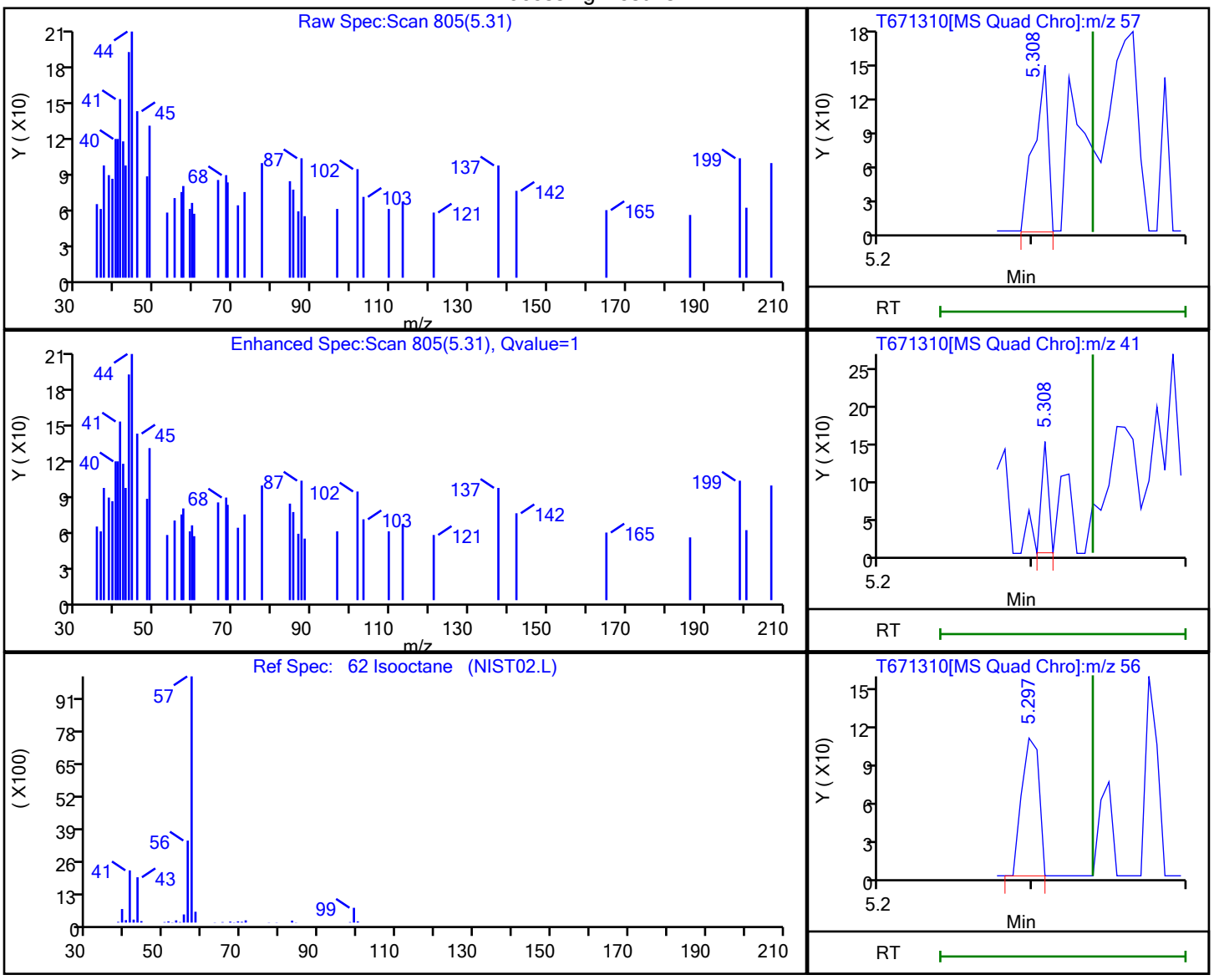
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.31	57.00	93	0.013794
5.31	41.00	47	
5.30	56.00	84	

Reviewer: W9CM, 27-Oct-2023 13:20:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

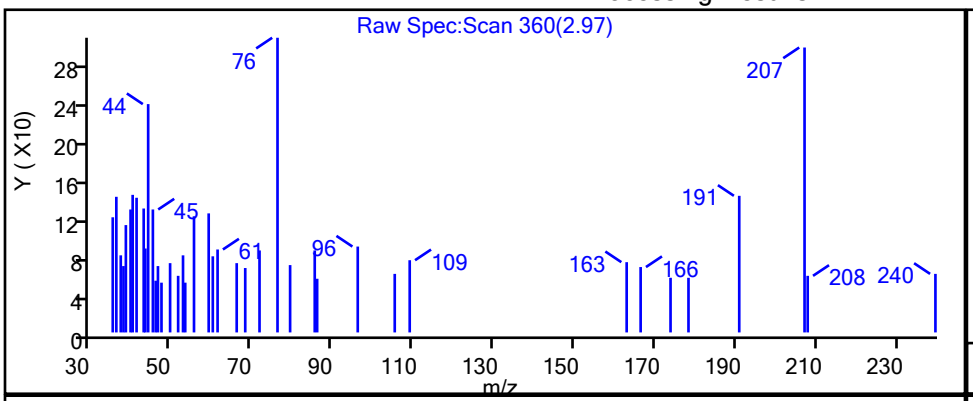
User Disabled Compound Report

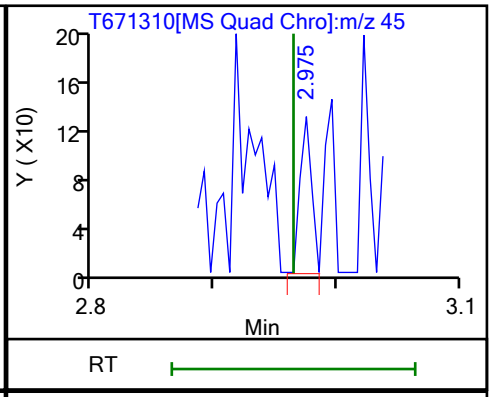
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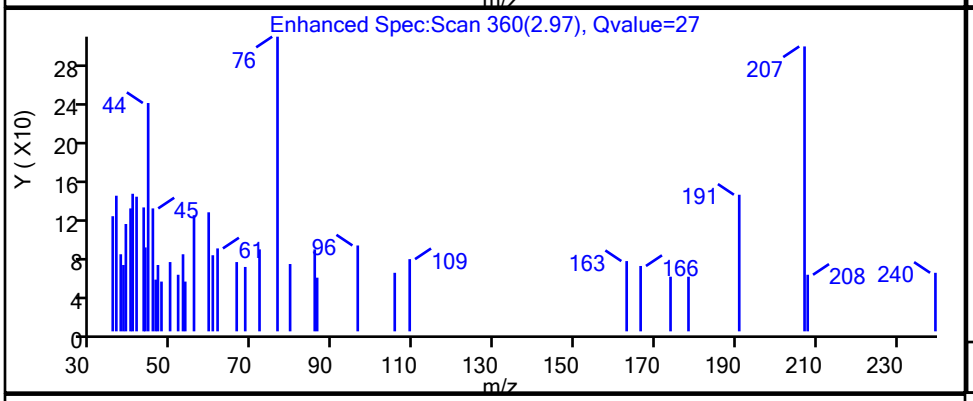
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

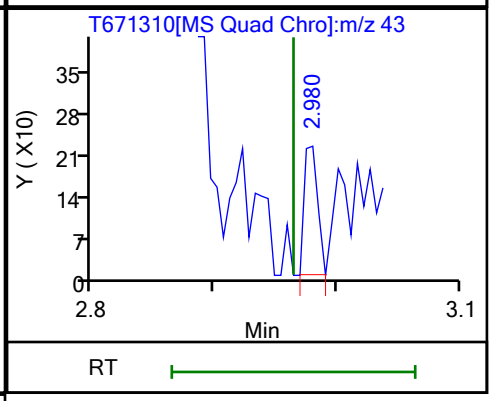
25 Isopropyl alcohol, CAS: 67-63-0

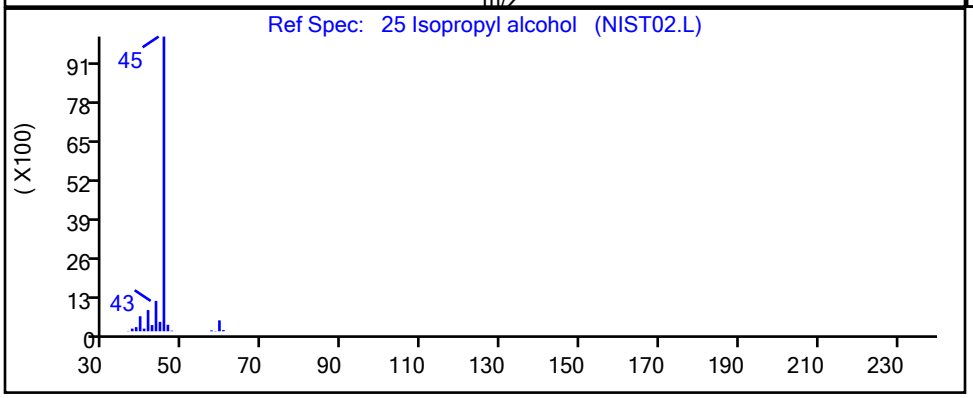
Processing Results











RT	Mass	Response	Amount
2.97	45.00	82	2.611586
2.98	43.00	167	

Reviewer: W9CM, 27-Oct-2023 13:20:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

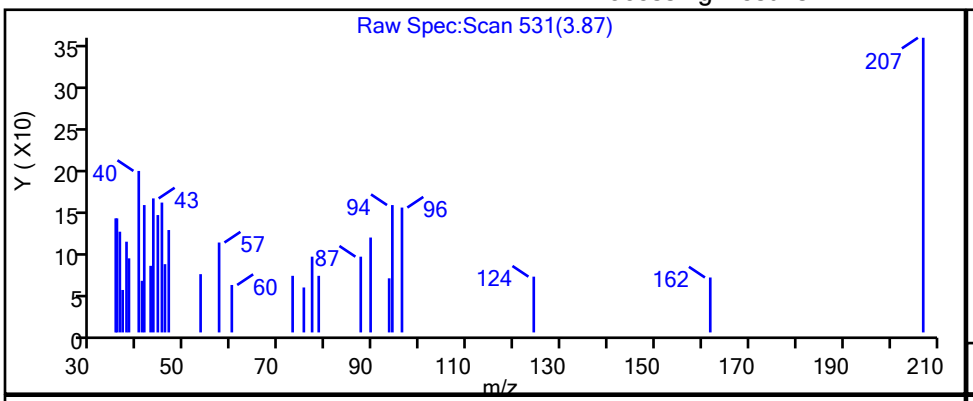
User Disabled Compound Report

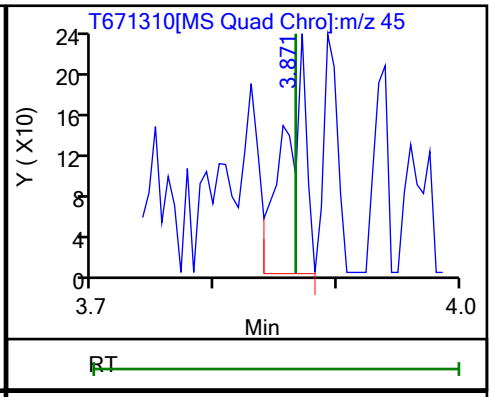
Eurofins Edison

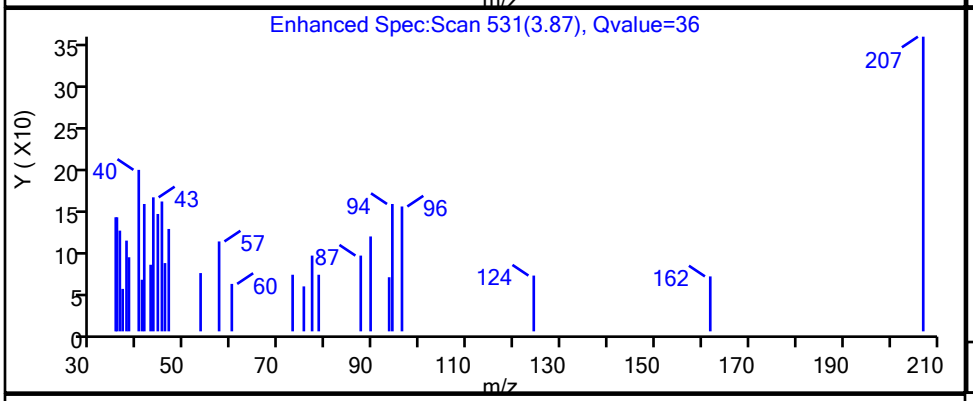
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

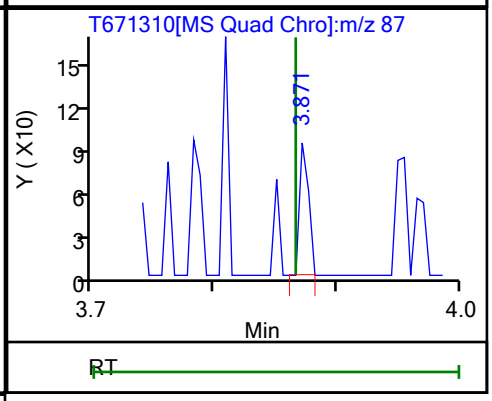
40 Isopropyl ether, CAS: 108-20-3

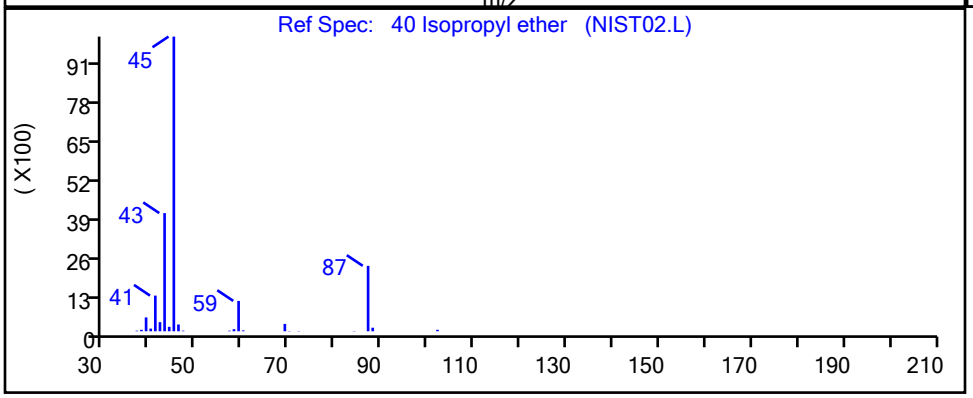
Processing Results











RT	Mass	Response	Amount
3.87	45.00	290	0.030861
3.87	87.00	47	

Reviewer: W9CM, 27-Oct-2023 13:20:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

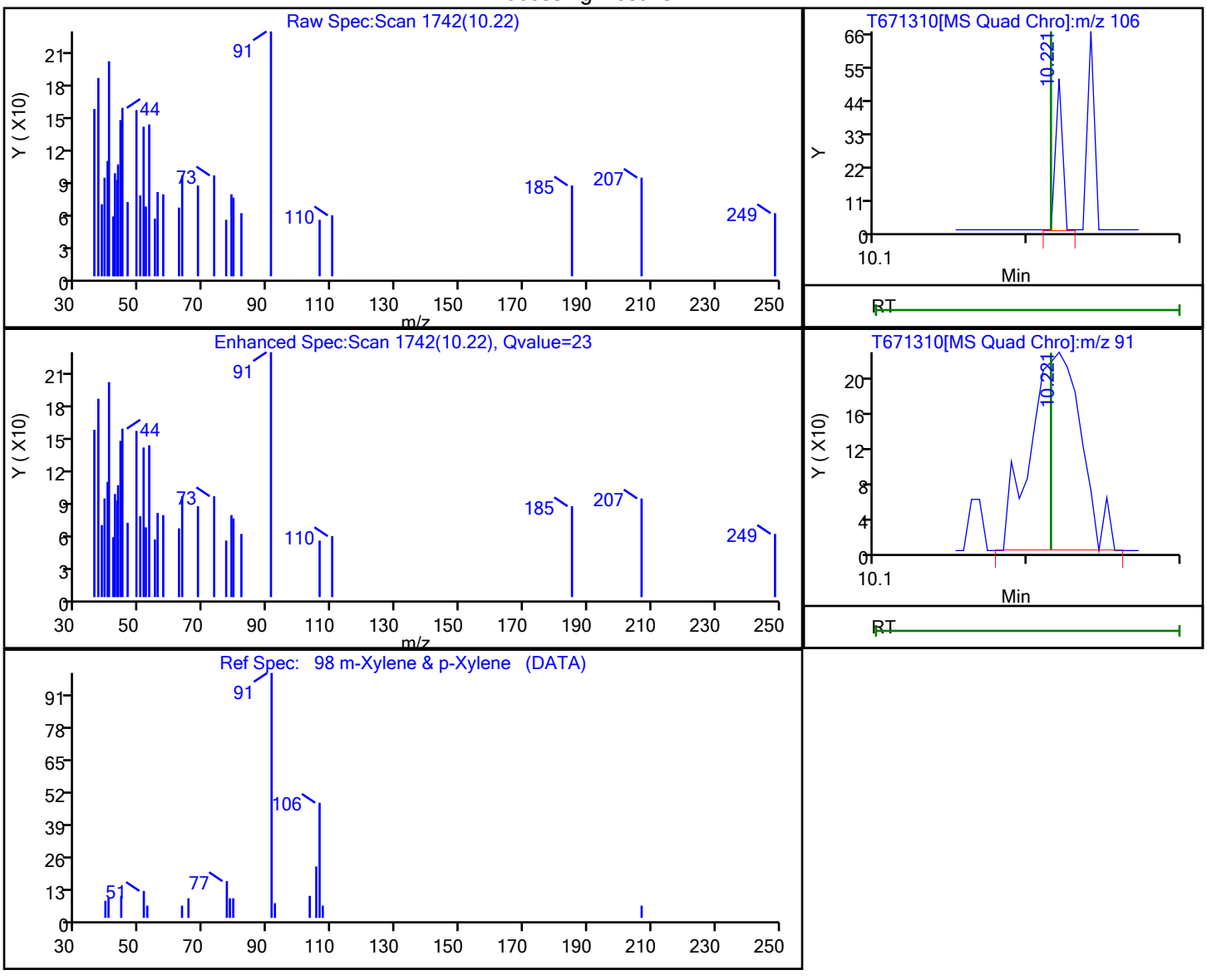
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
10.22	106.00	16	0.002354
10.22	91.00	515	

Reviewer: W9CM, 27-Oct-2023 13:21:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

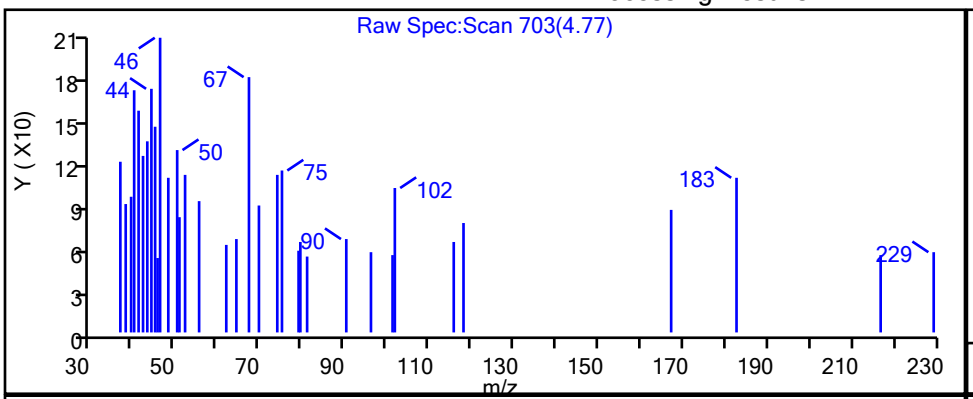
User Disabled Compound Report

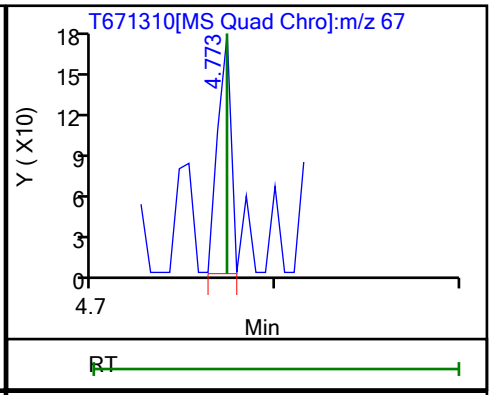
Eurofins Edison

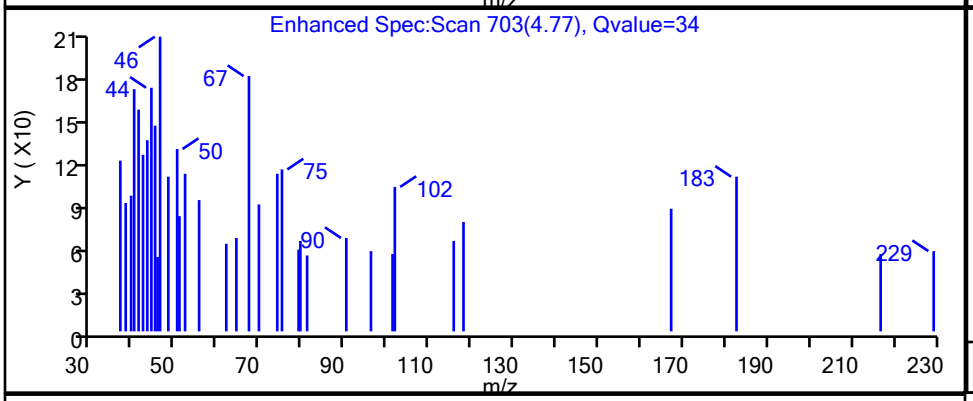
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

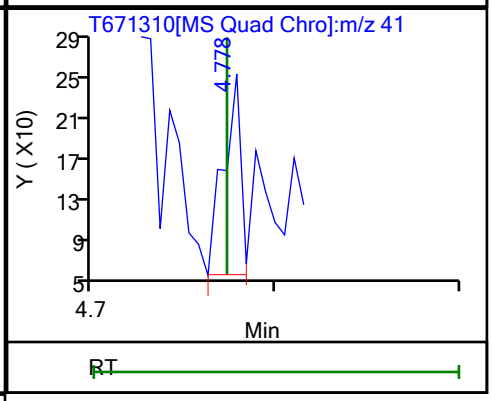
50 Methacrylonitrile, CAS: 126-98-7

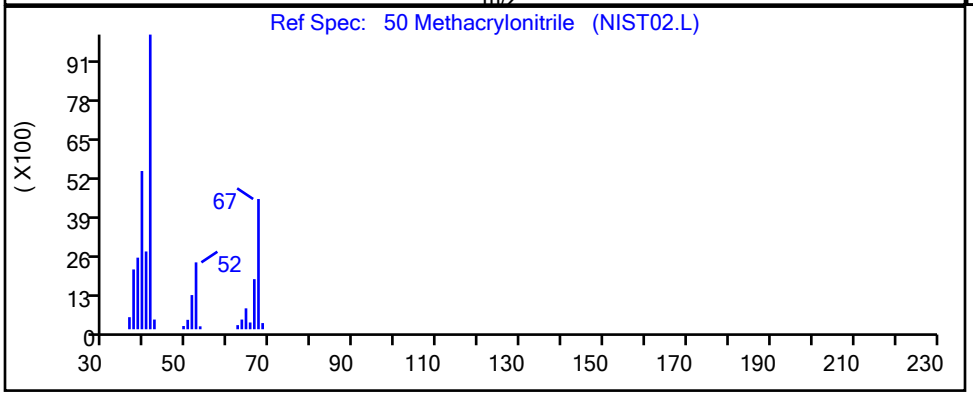
Processing Results











RT	Mass	Response	Amount
4.77	67.00	88	0.066918
4.78	41.00	128	

Reviewer: W9CM, 27-Oct-2023 13:20:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

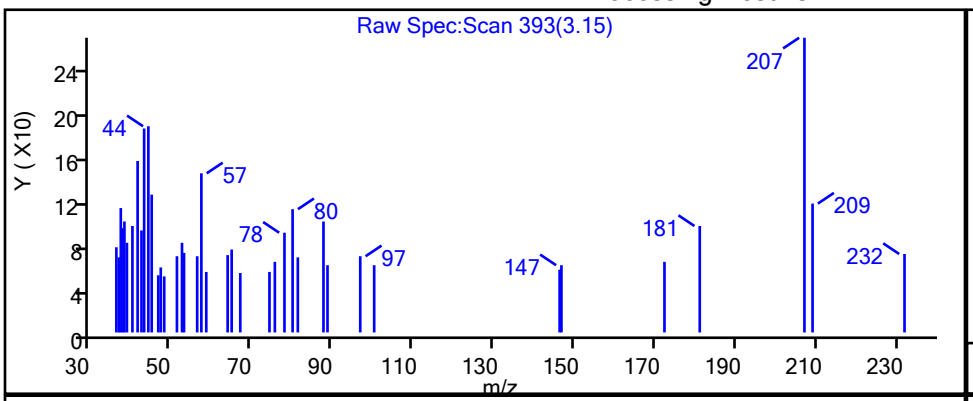
User Disabled Compound Report

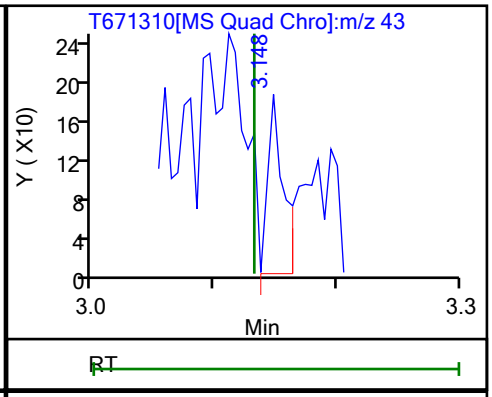
Eurofins Edison

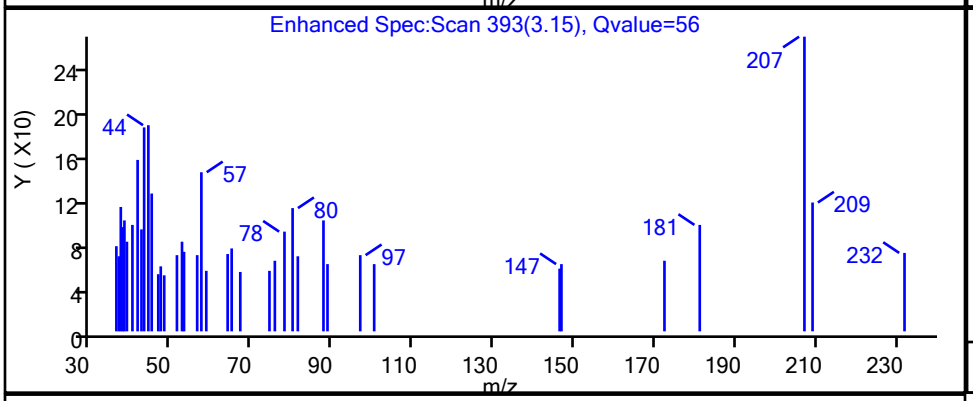
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

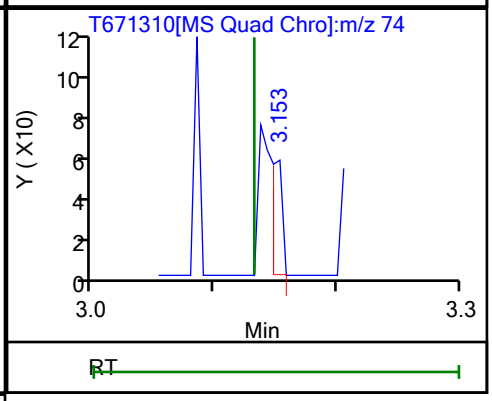
28 Methyl acetate, CAS: 79-20-9

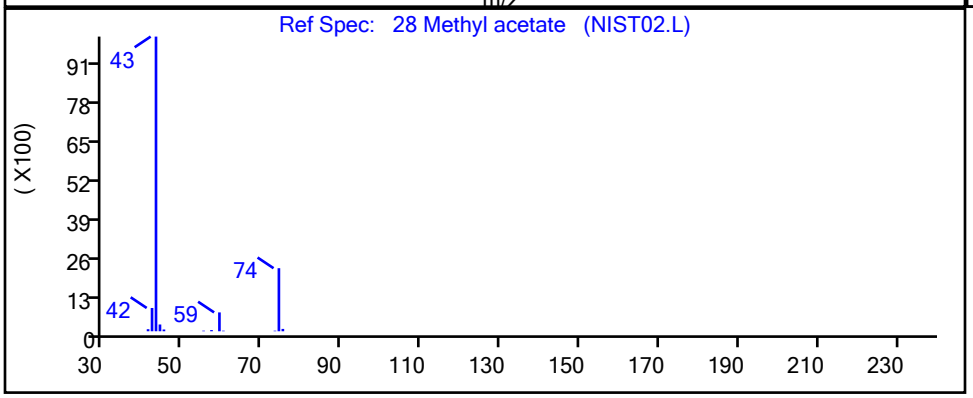
Processing Results











RT	Mass	Response	Amount
3.15	43.00	162	0.081661
3.15	74.00	35	

Reviewer: W9CM, 27-Oct-2023 13:20:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

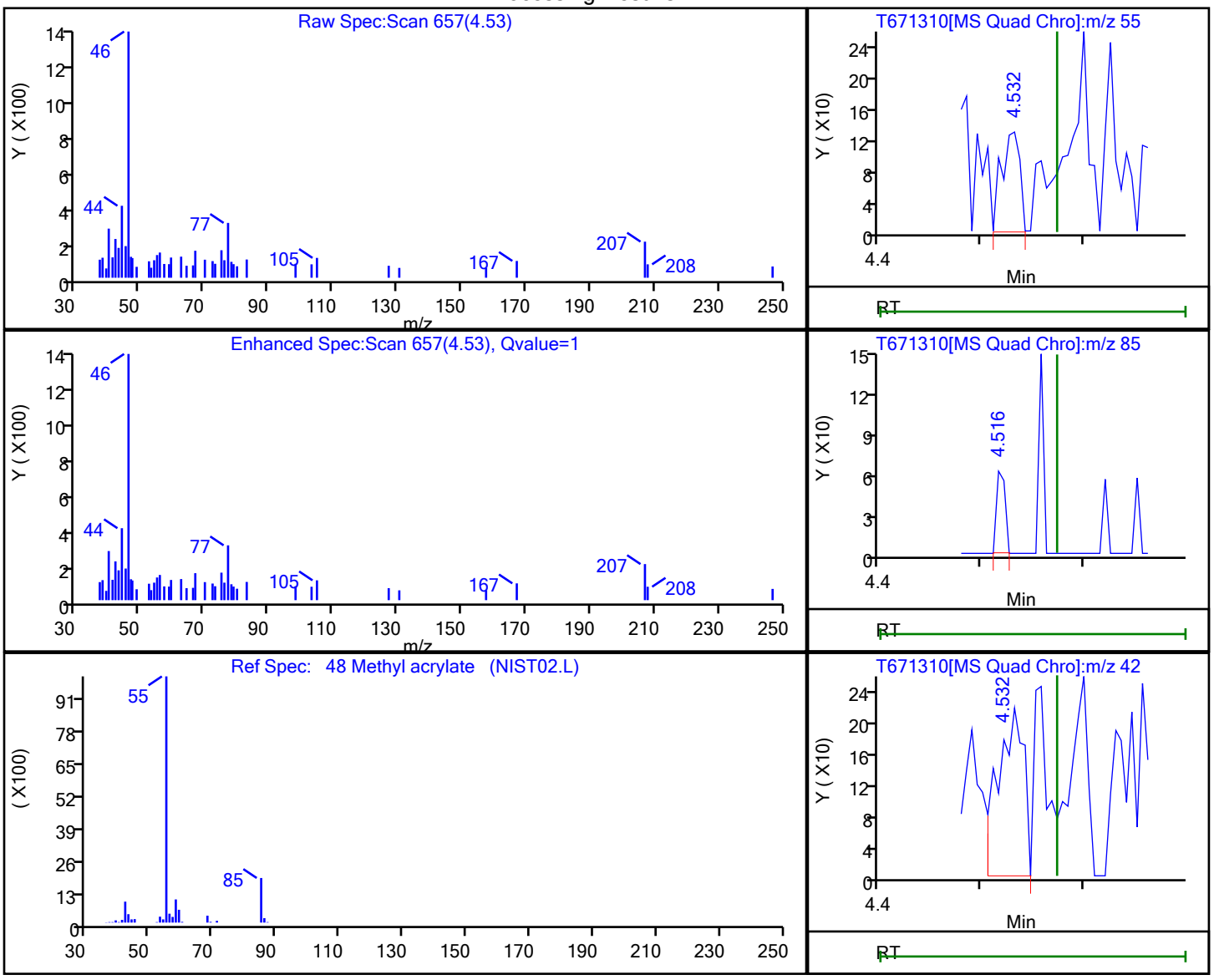
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.53	55.00	158	0.074754
4.52	85.00	36	
4.53	42.00	382	

Reviewer: W9CM, 27-Oct-2023 13:20:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

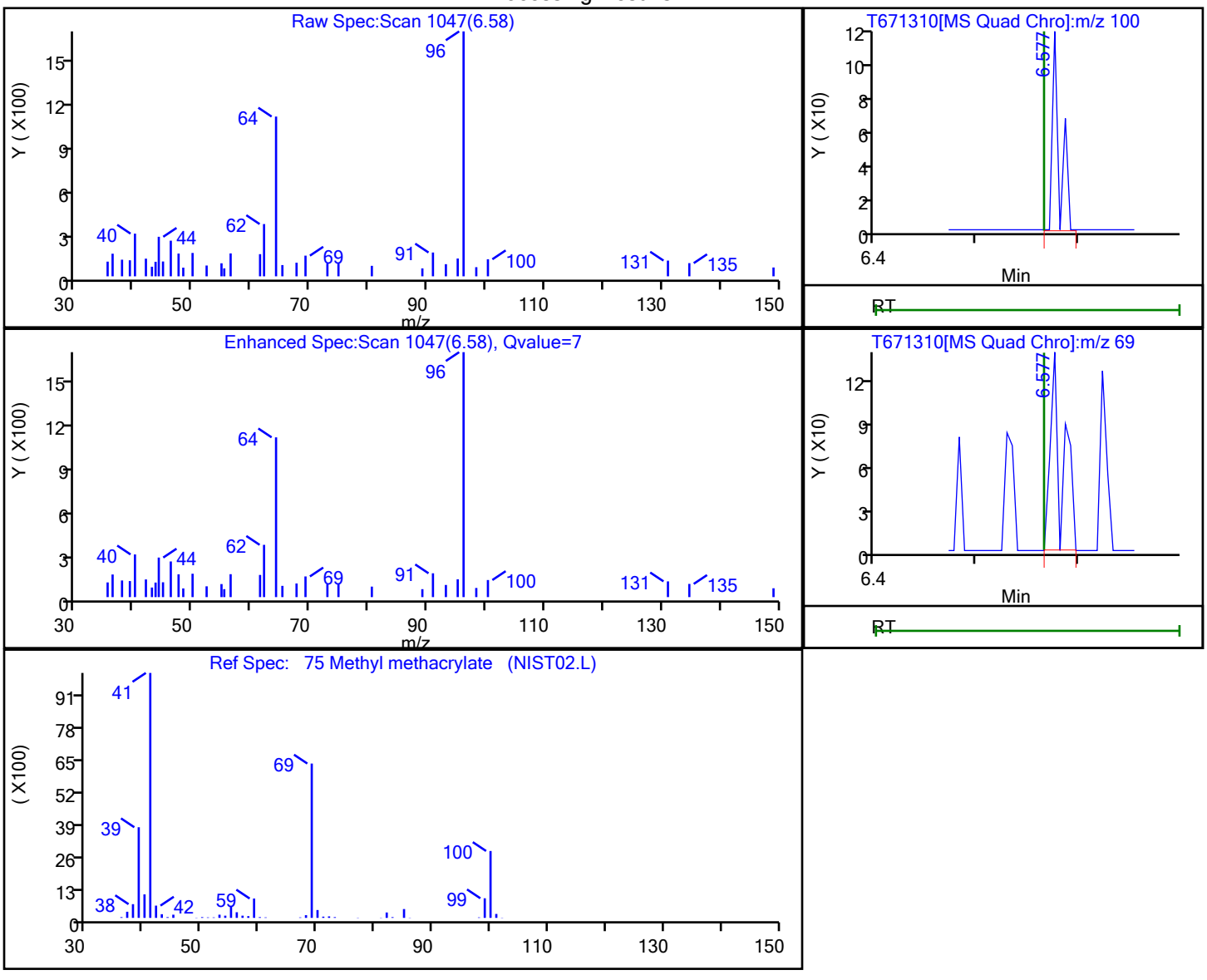
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
6.58	100.00	56	0.065256
6.58	69.00	114	

Reviewer: W9CM, 27-Oct-2023 13:21:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

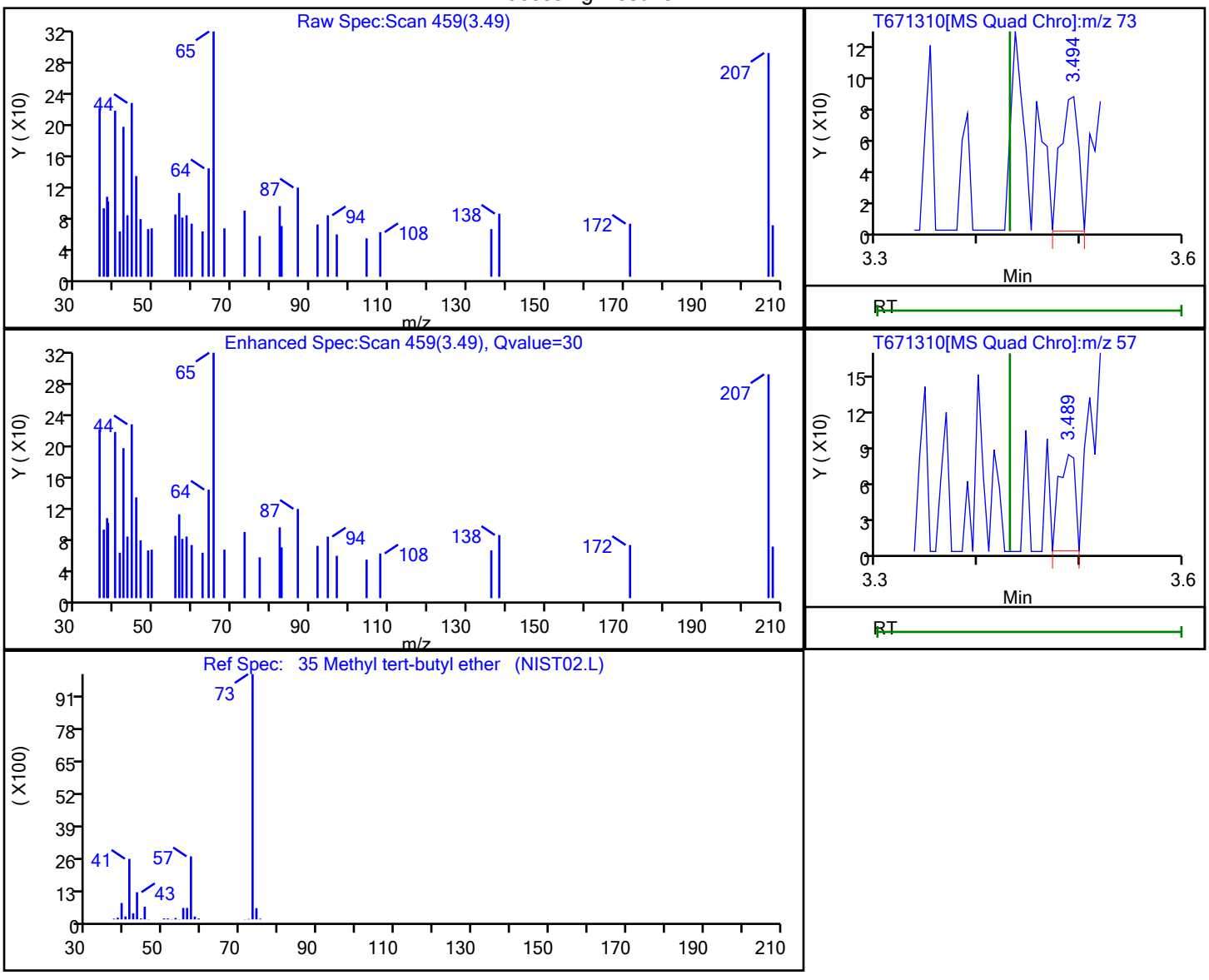
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.49	73.00	104	0.012563
3.49	57.00	88	

Reviewer: W9CM, 27-Oct-2023 13:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

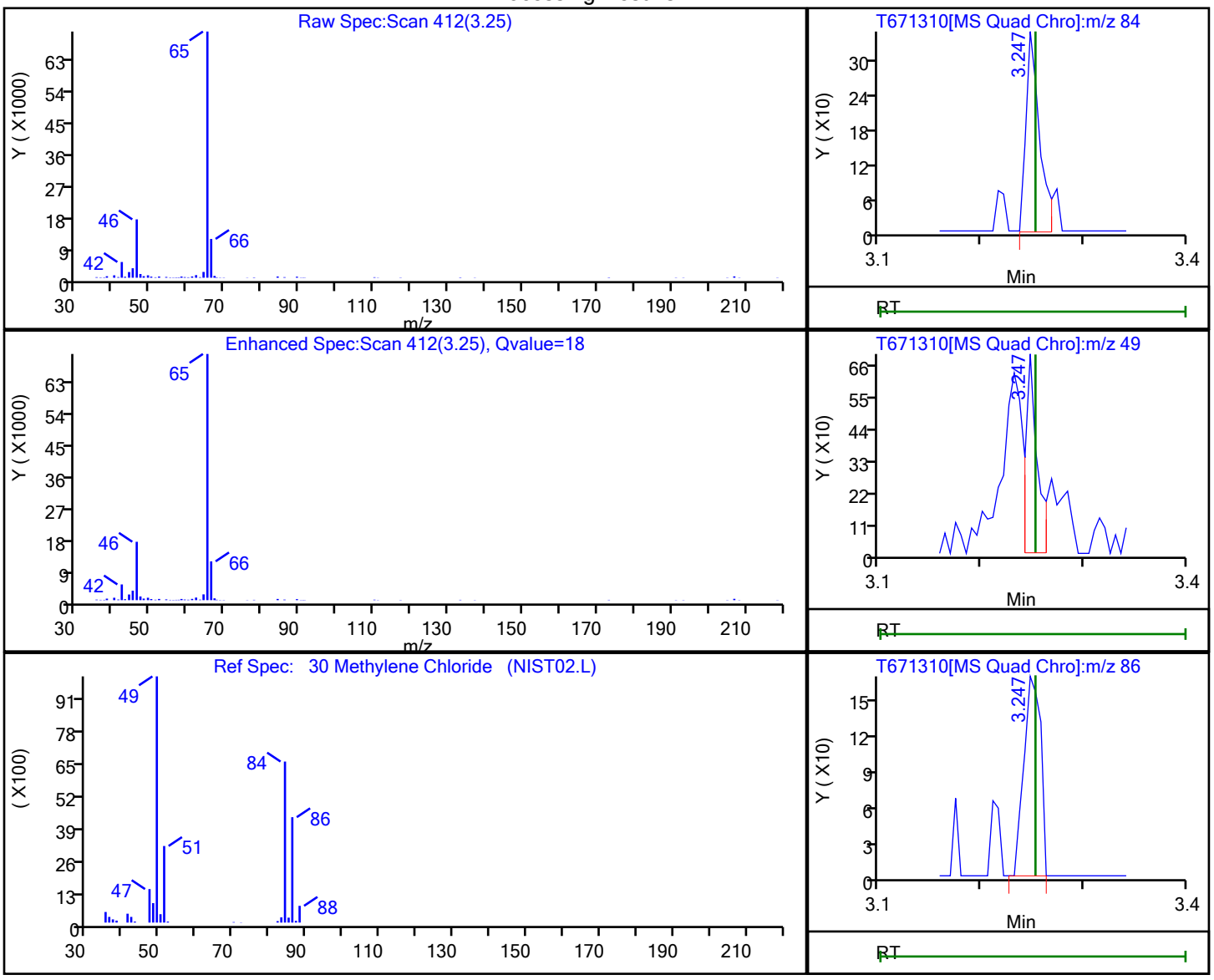
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
3.25	84.00	320	0.045194
3.25	49.00	557	
3.25	86.00	185	

Reviewer: W9CM, 27-Oct-2023 13:20:13 -04:00:00 (UTC)
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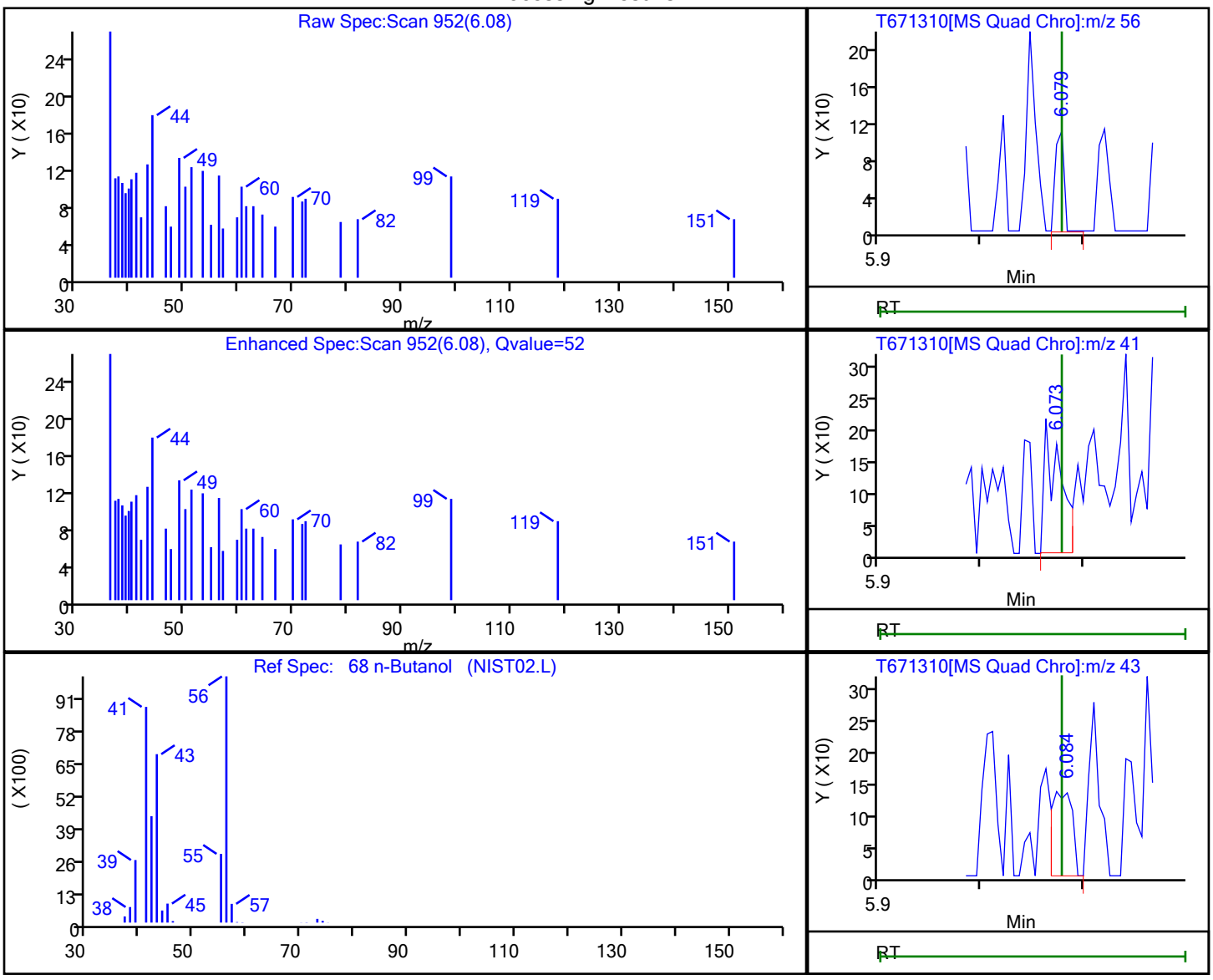
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
6.08	56.00	65	0.886397
6.07	41.00	235	
6.08	43.00	187	

Reviewer: W9CM, 27-Oct-2023 13:20:58 -04:00:00 (UTC)
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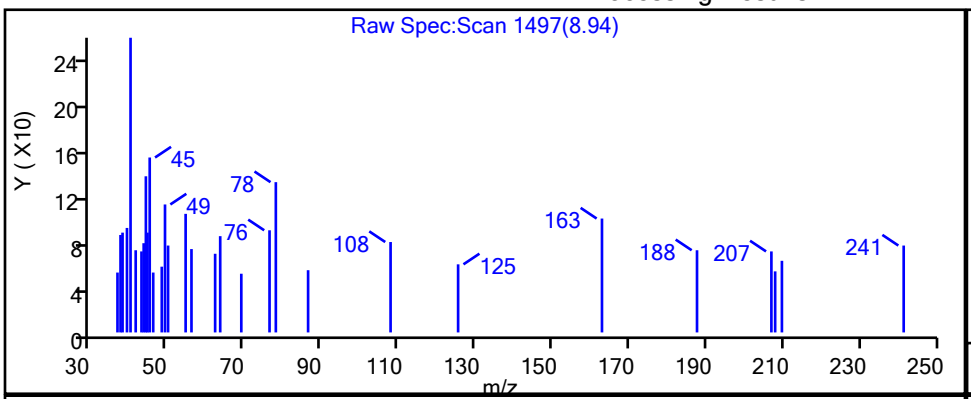
User Disabled Compound Report

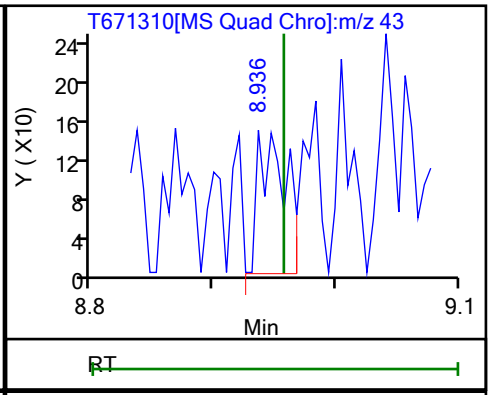
Eurofins Edison

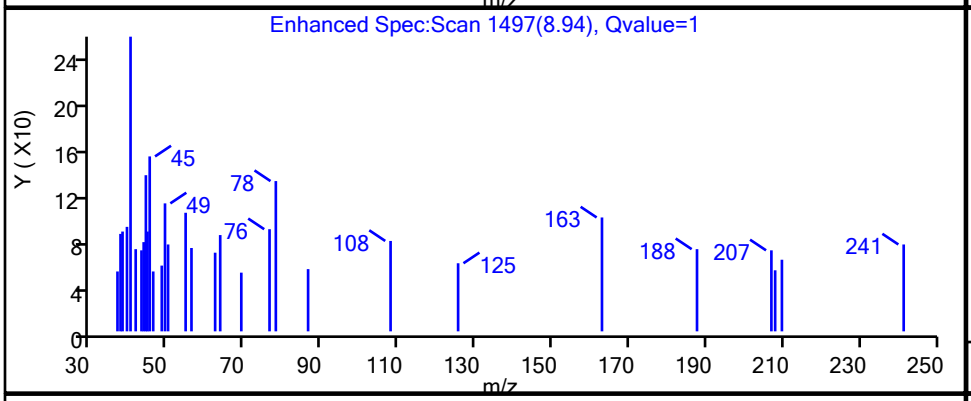
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

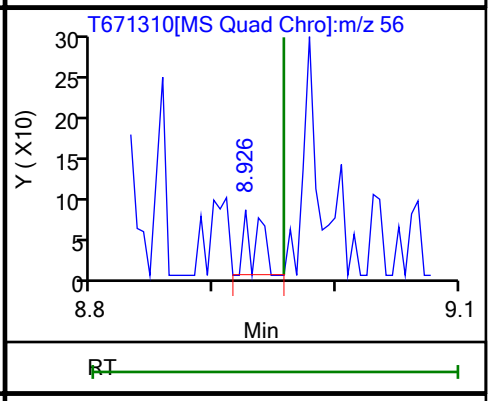
93 n-Butyl acetate, CAS: 123-86-4

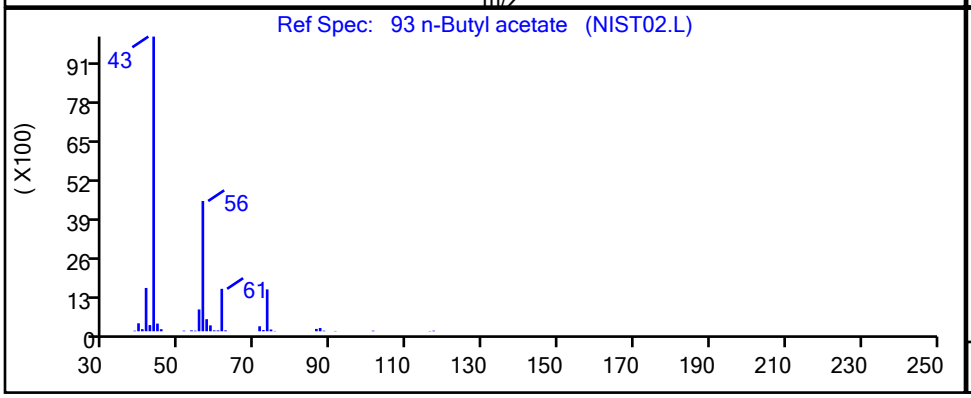
Processing Results

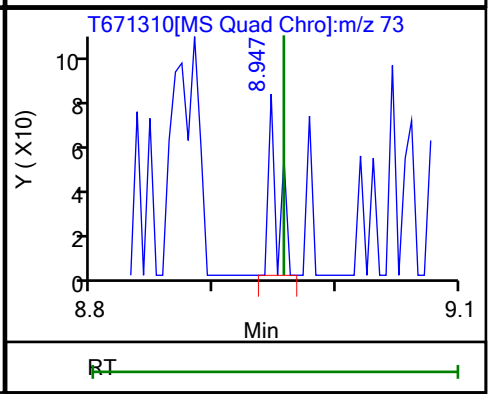












RT	Mass	Response	Amount
8.94	43.00	230	0.048062
8.93	56.00	67	
8.95	73.00	42	

Reviewer: W9CM, 27-Oct-2023 13:21:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

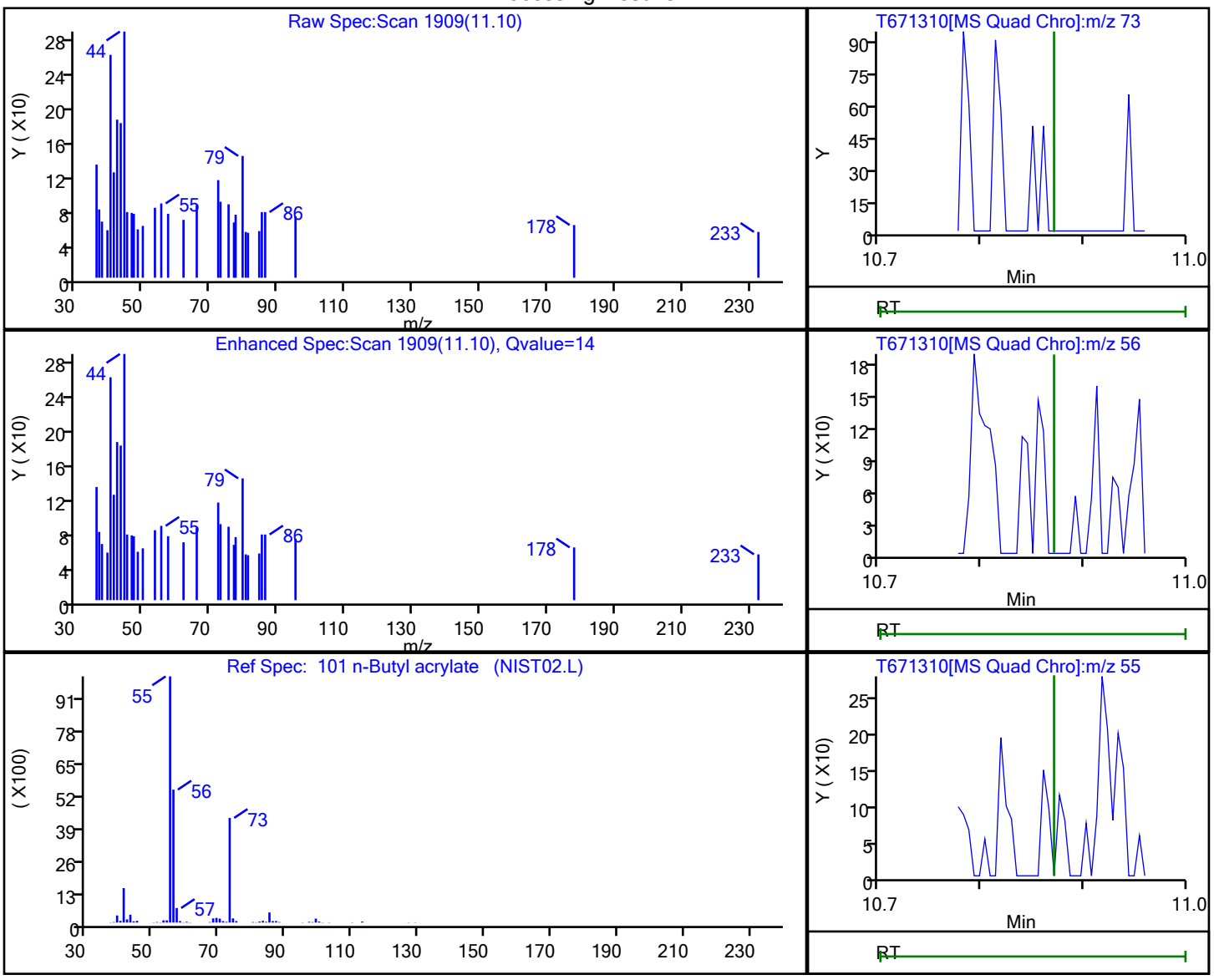
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
11.10	73.00	90	0.037708
11.10	56.00	91	
11.09	55.00	126	

Reviewer: W9CM, 27-Oct-2023 13:21:34 -04:00:00 (UTC)
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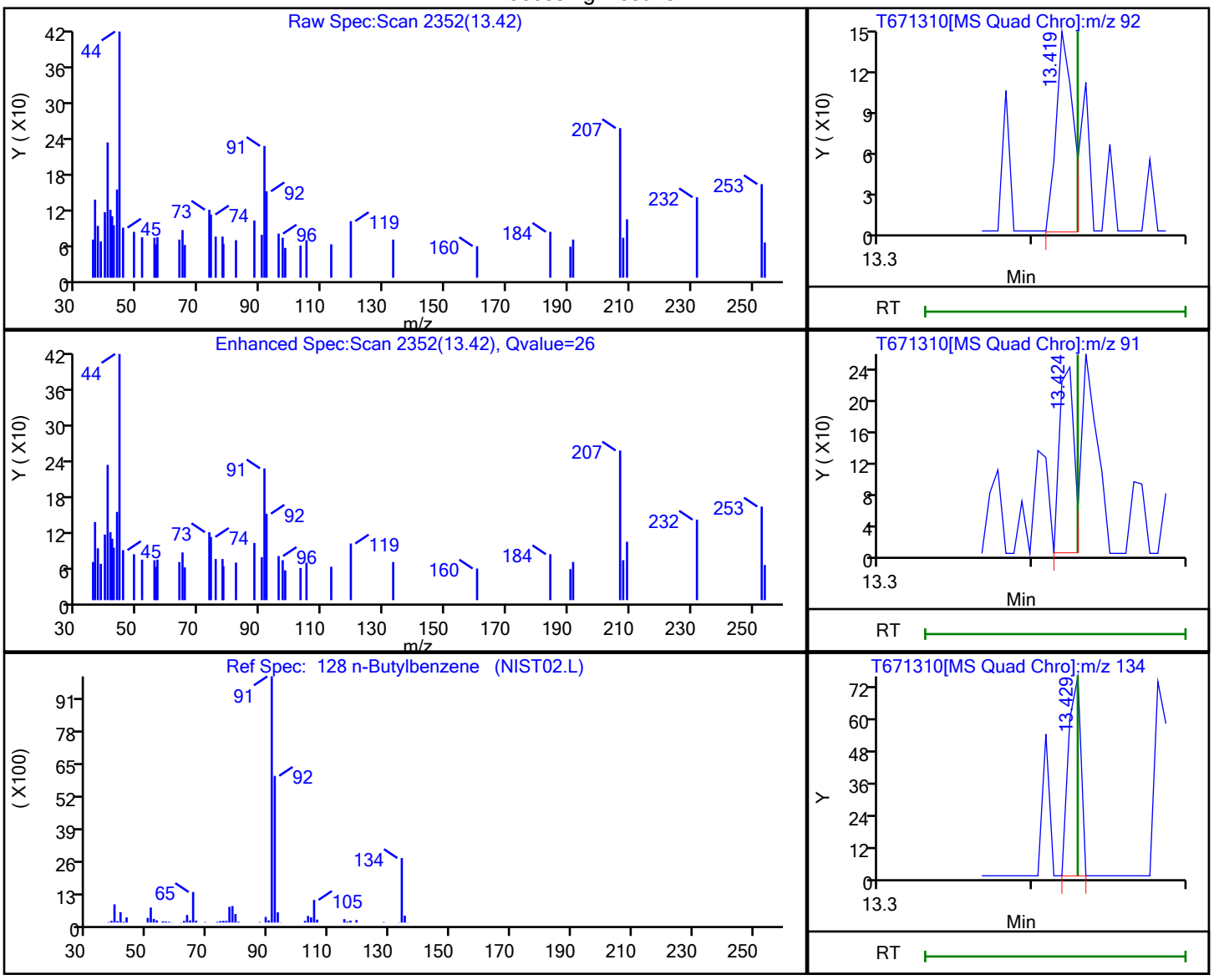
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.42	92.00	112	0.018617
13.42	91.00	162	
13.43	134.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

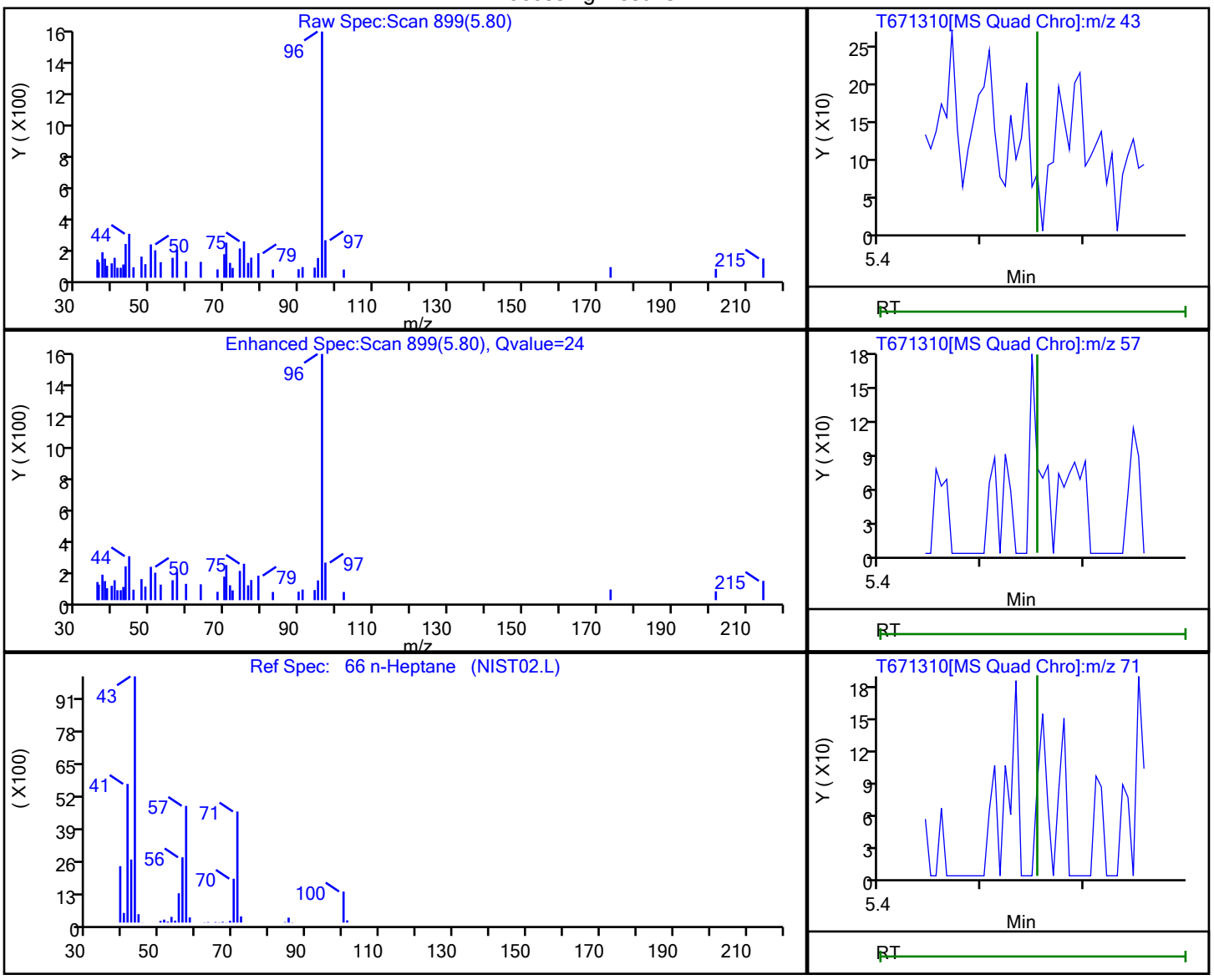
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.80	43.00	249	0.055263
5.80	57.00	124	
5.80	71.00	95	

Reviewer: W9CM, 27-Oct-2023 13:20:56 -04:00:00 (UTC)
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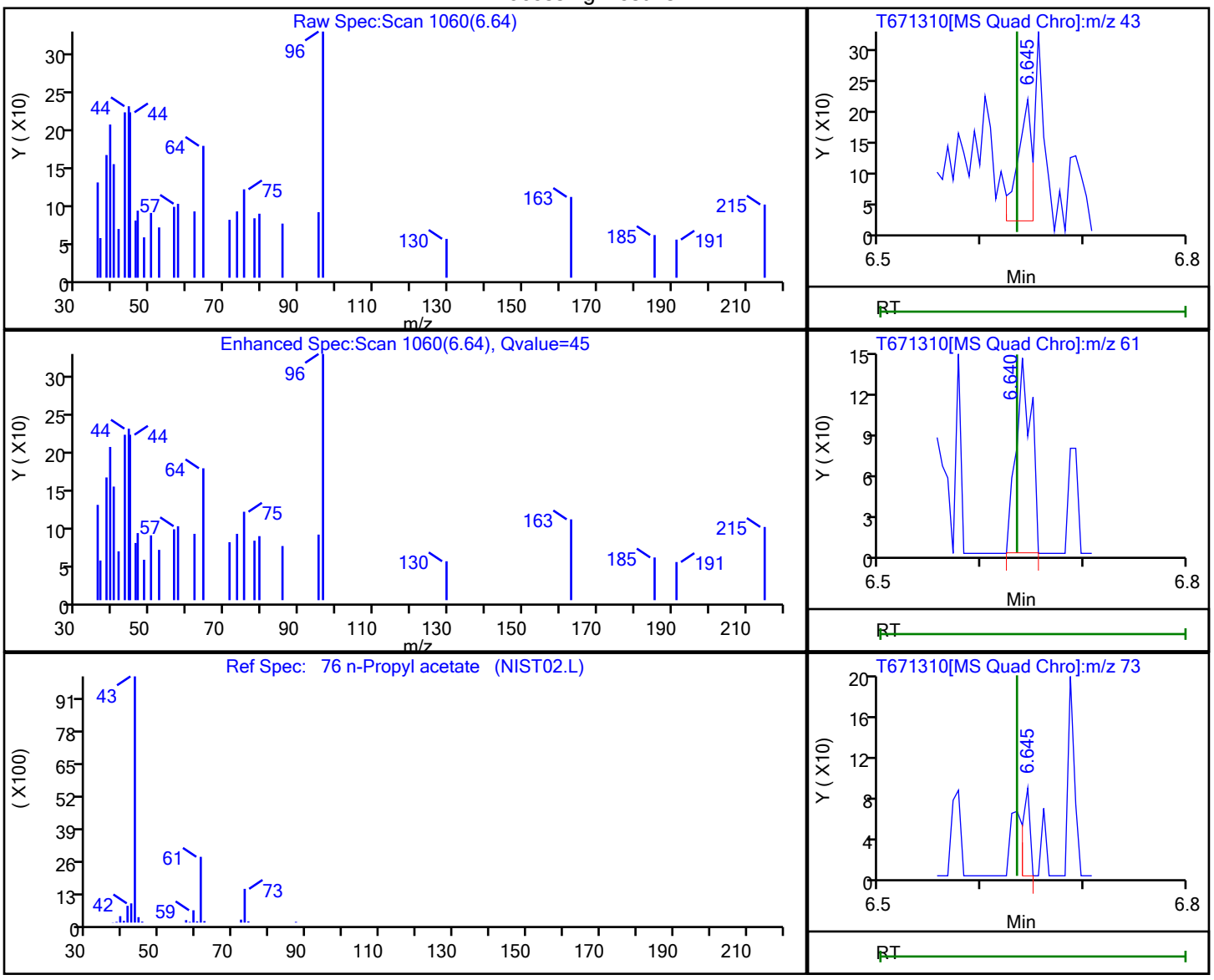
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
6.64	43.00	199	0.059926
6.64	61.00	152	
6.64	73.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:07 -04:00:00 (UTC)
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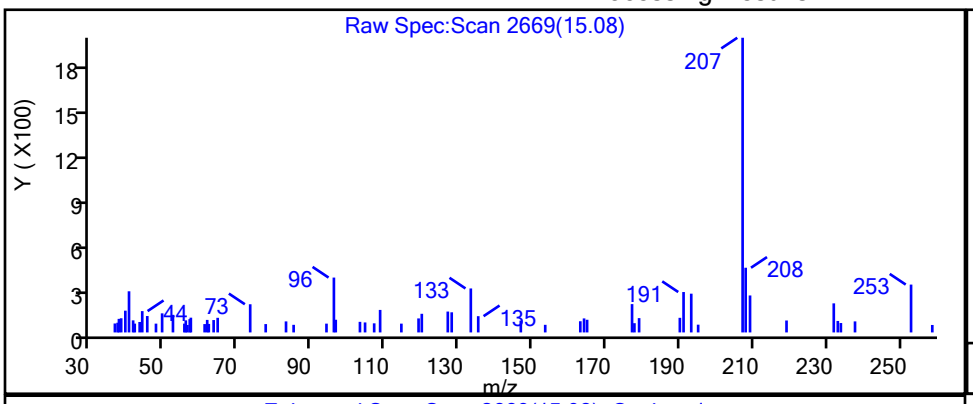
User Disabled Compound Report

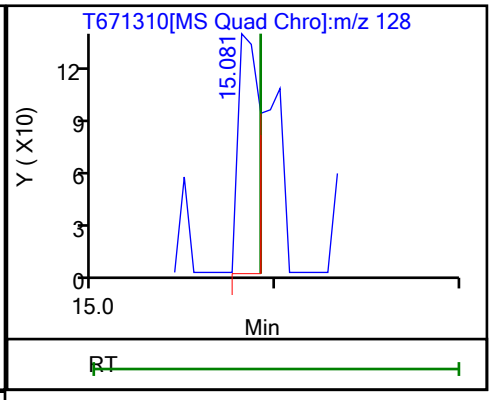
Eurofins Edison

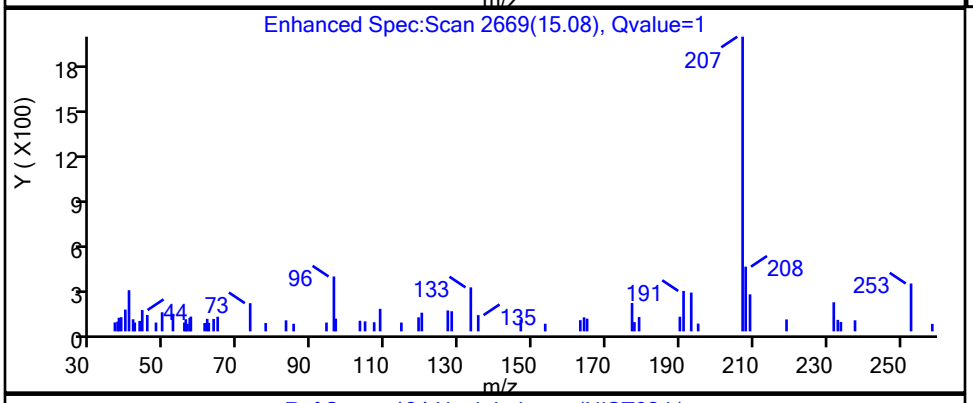
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Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

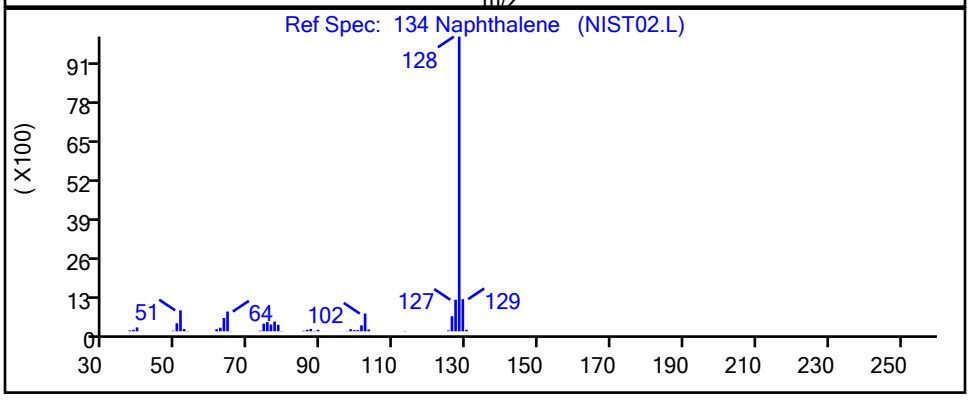
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.08	128.00	111	0.011151

Reviewer: W9CM, 27-Oct-2023 13:22:01 -04:00:00 (UTC)

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

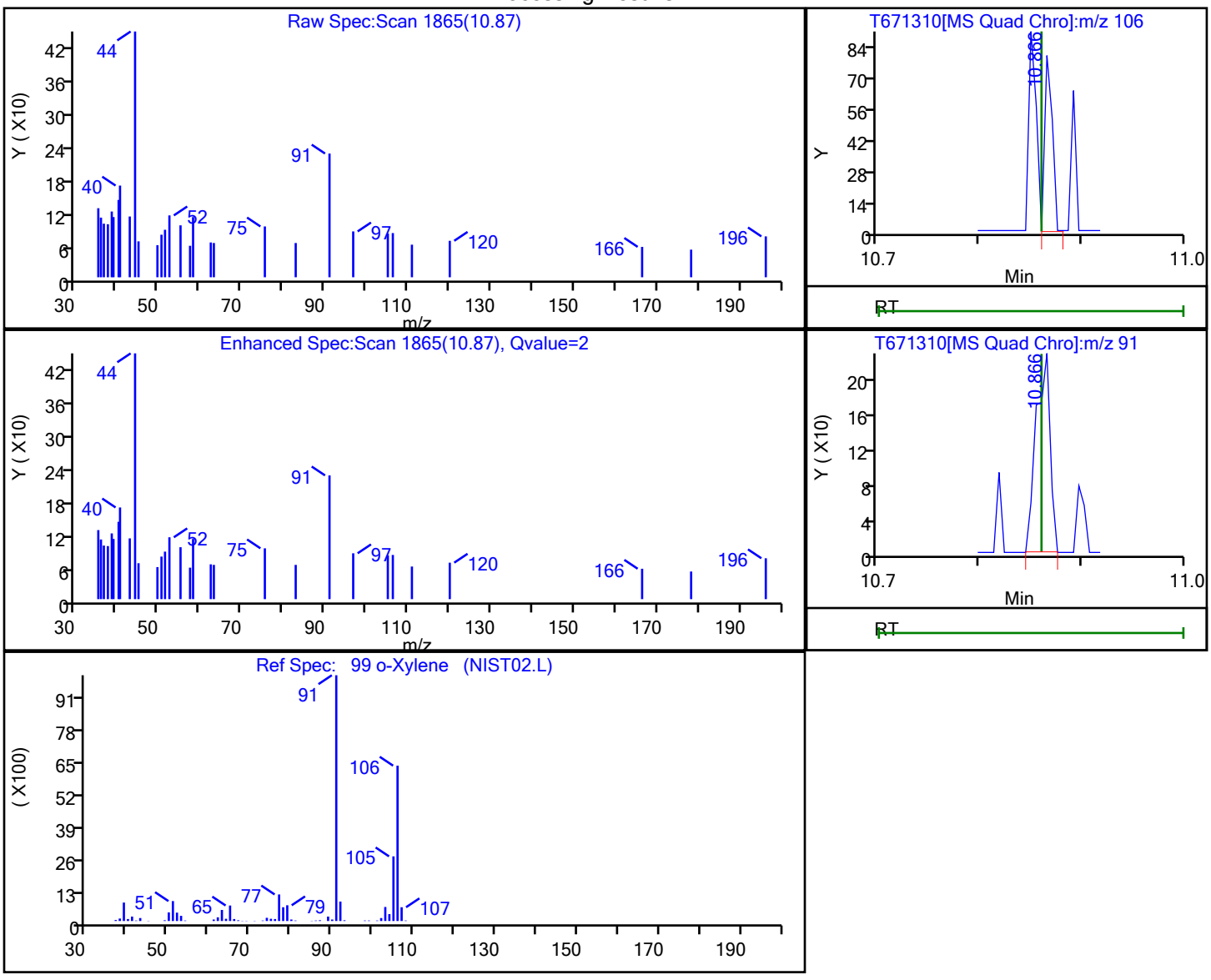
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
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Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
10.87	106.00	41	0.003568
10.87	91.00	215	

Reviewer: W9CM, 27-Oct-2023 13:21:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

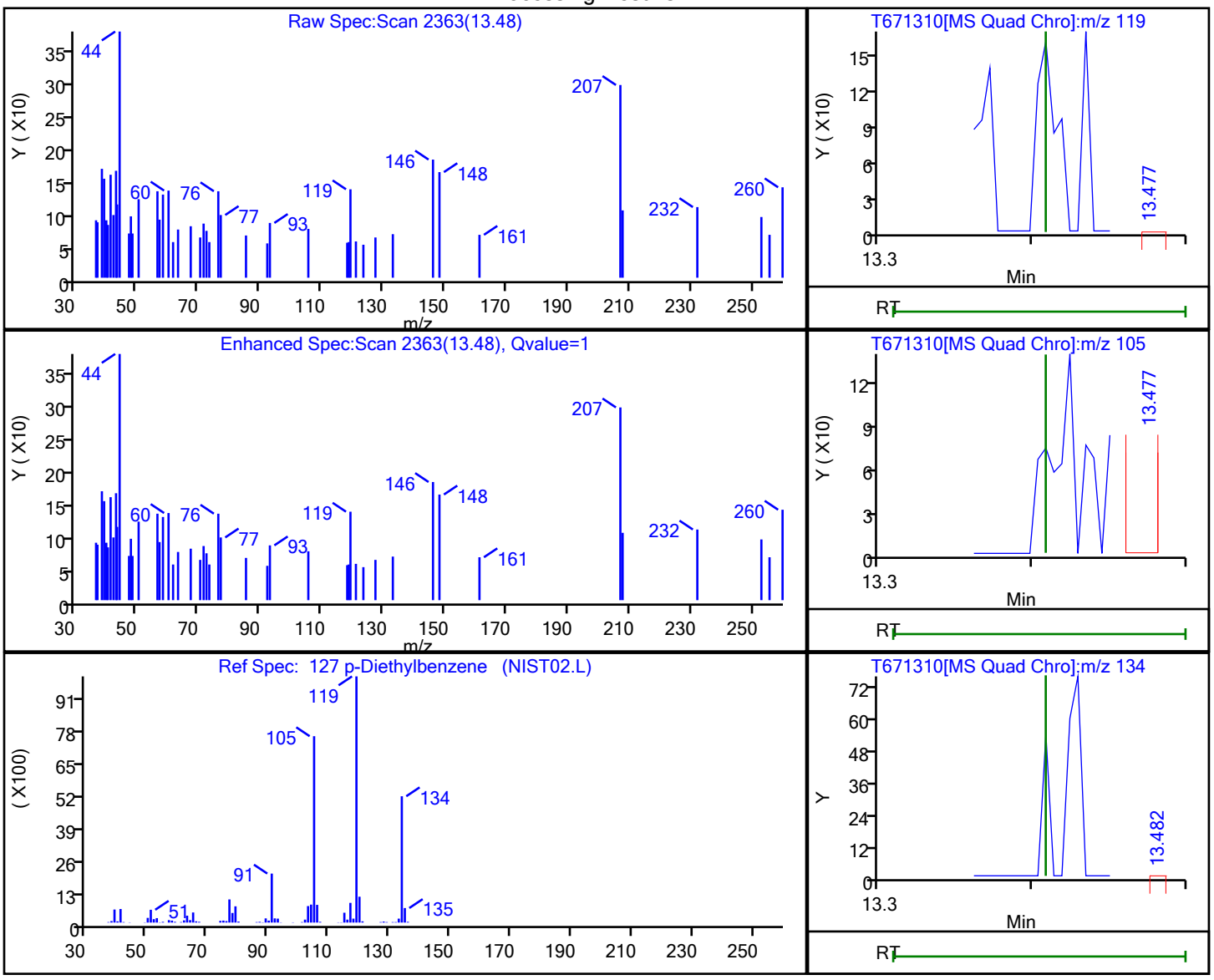
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.48	119.00	63	0.008605
13.48	105.00	46	
13.48	134.00	42	

Reviewer: W9CM, 27-Oct-2023 13:21:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

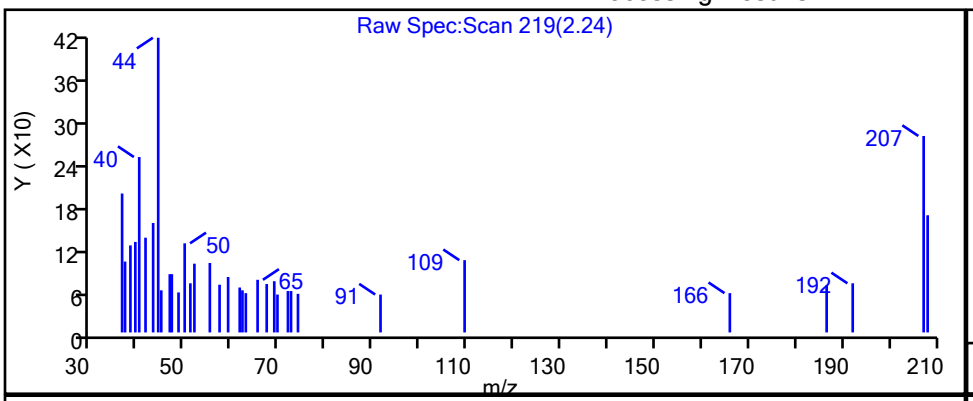
User Disabled Compound Report

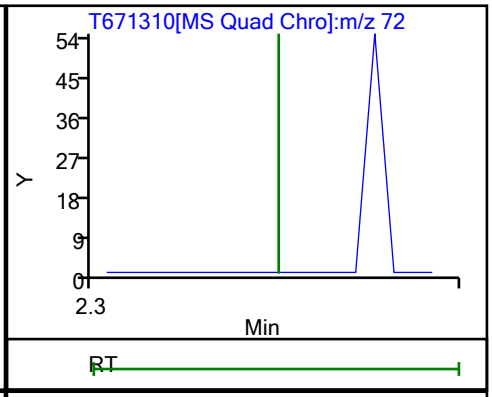
Eurofins Edison

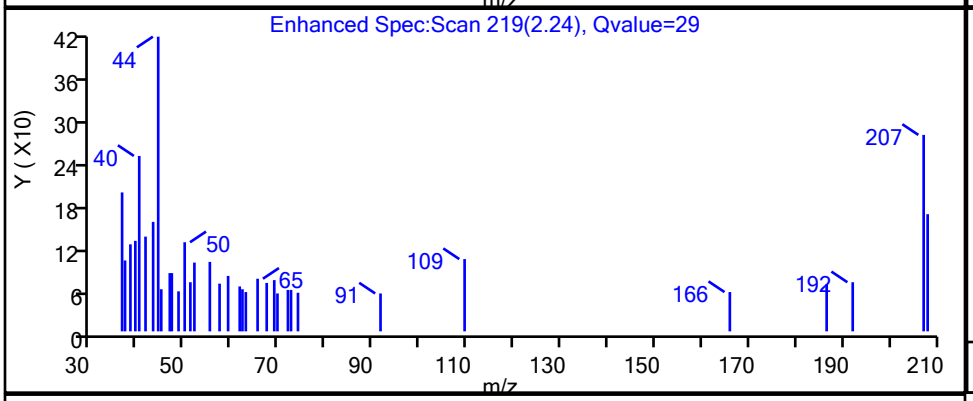
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

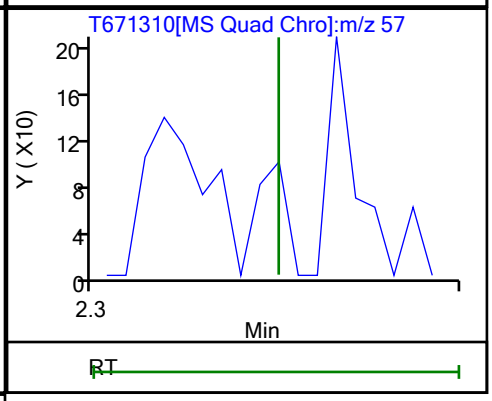
13 Pentane, CAS: 109-66-0

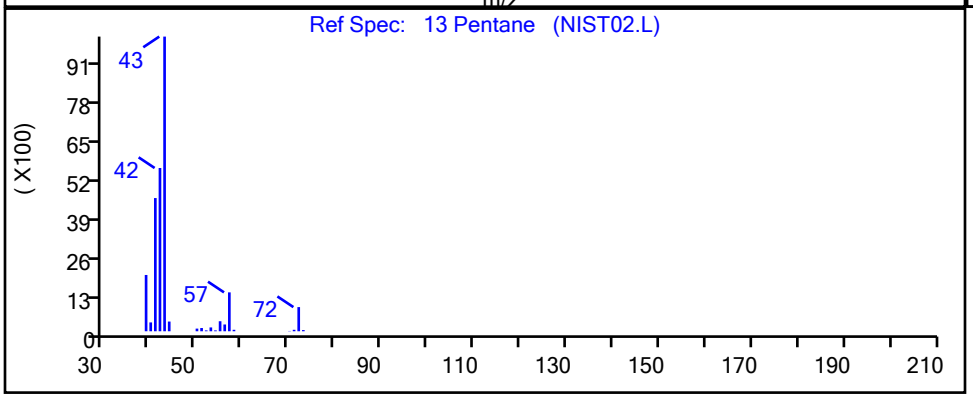
Processing Results











RT	Mass	Response	Amount
2.24	72.00	54	0.824682
2.24	57.00	41	

Reviewer: W9CM, 27-Oct-2023 13:19:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

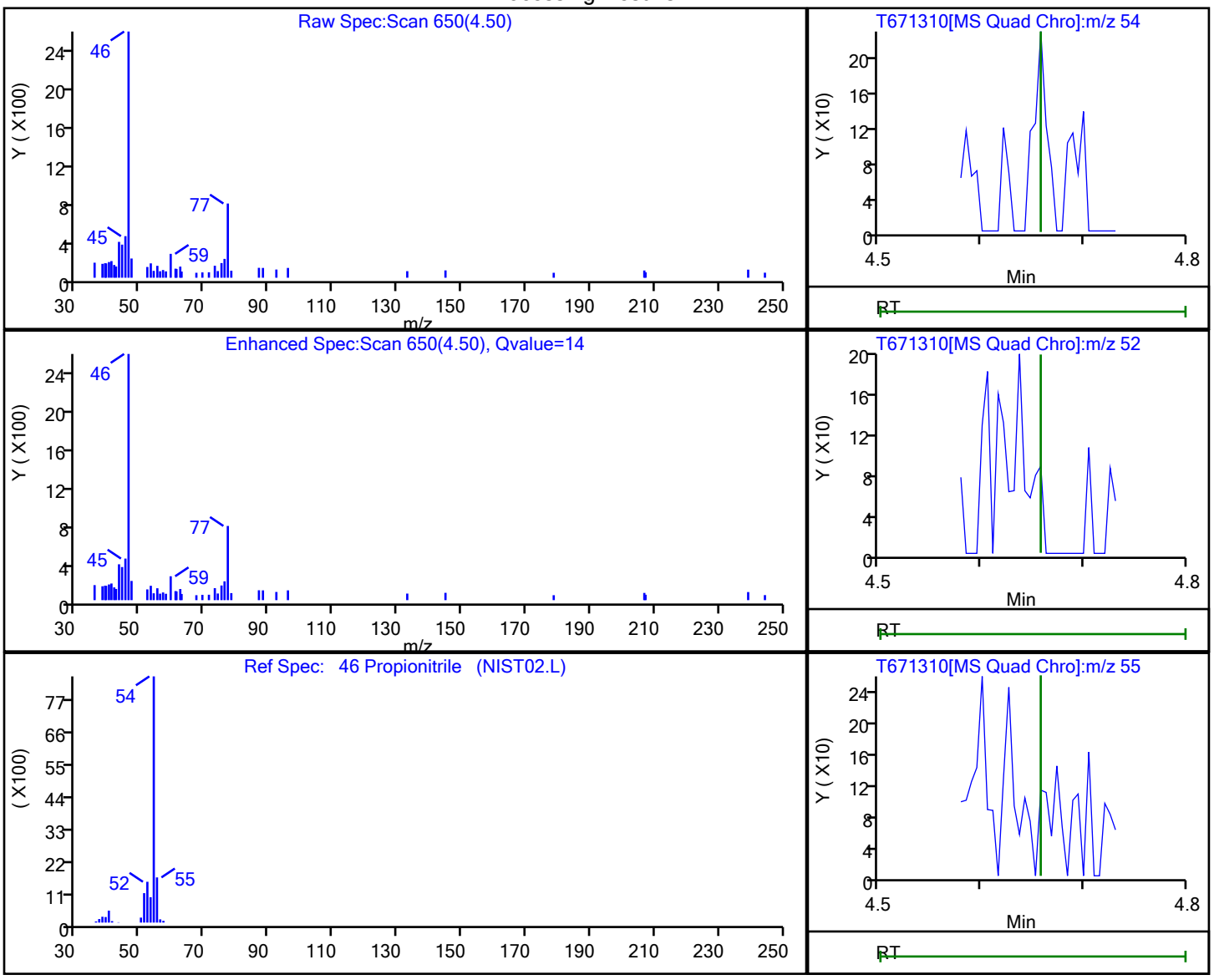
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.50	54.00	62	0.141176
4.50	52.00	70	
4.50	55.00	96	

Reviewer: W9CM, 27-Oct-2023 13:20:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

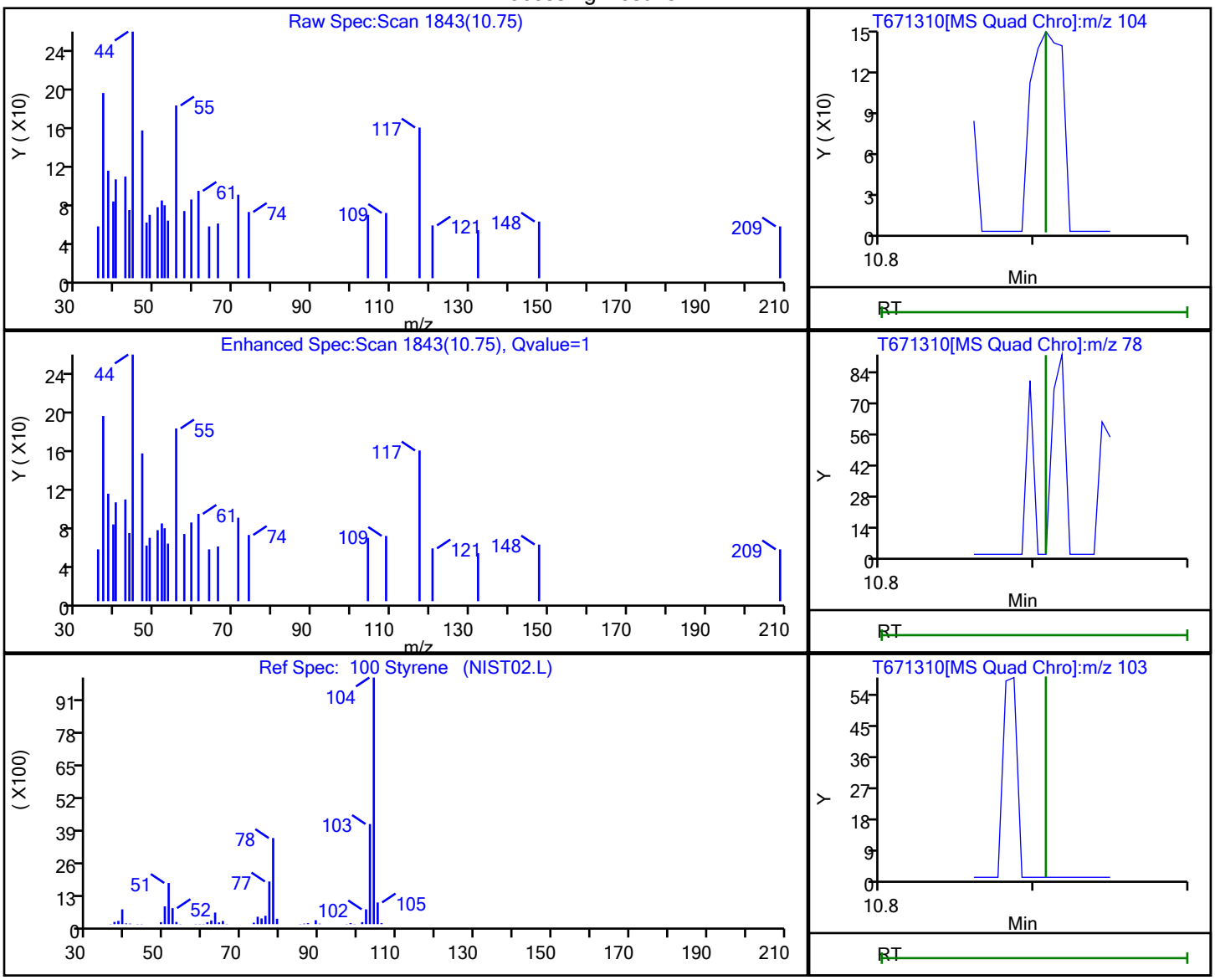
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
10.75	104.00	38	0.003639
10.74	78.00	37	
10.76	103.00	76	

Reviewer: W9CM, 27-Oct-2023 13:21:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

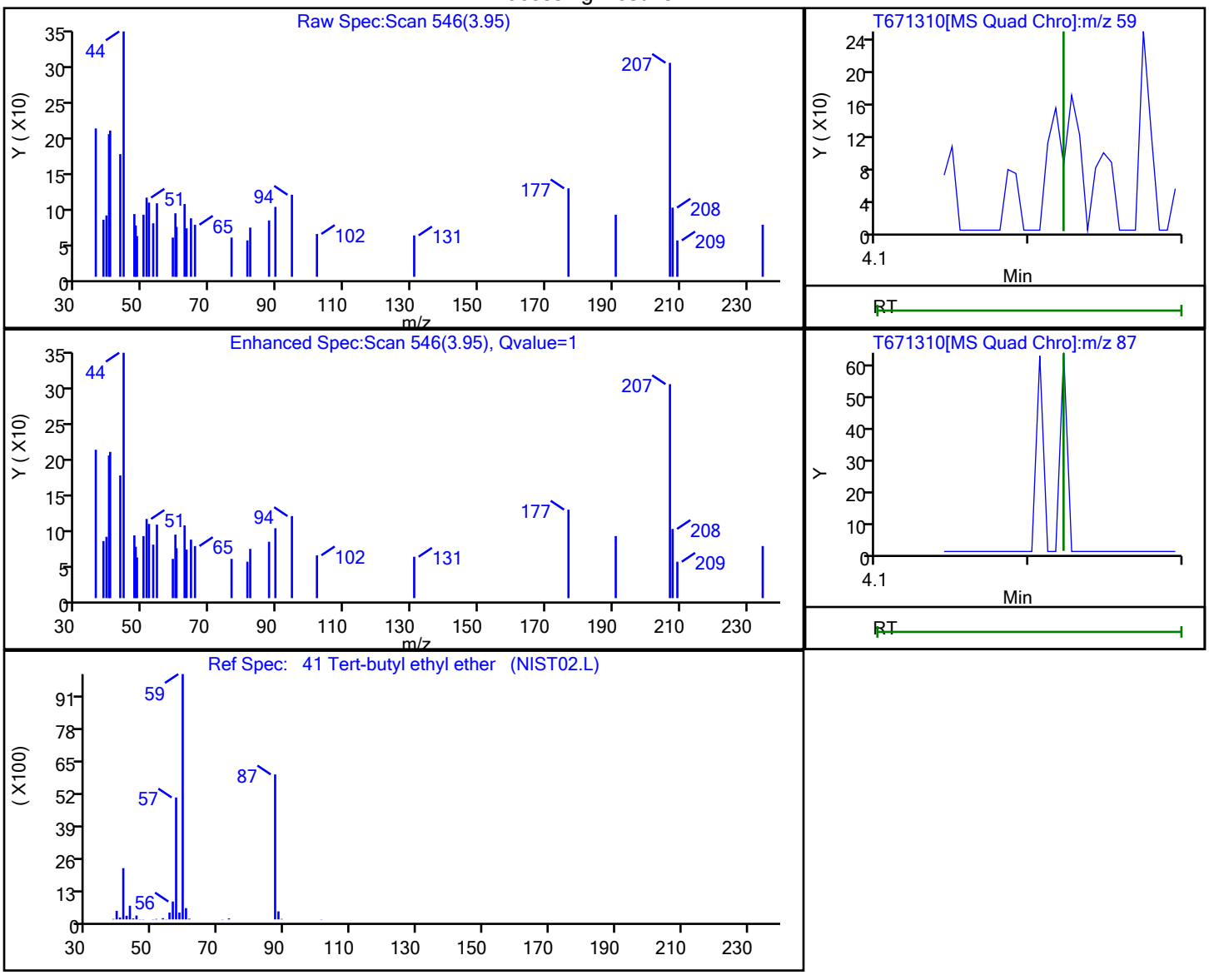
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.95	59.00	116	0.009561
3.96	87.00	50	

Reviewer: W9CM, 27-Oct-2023 13:20:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

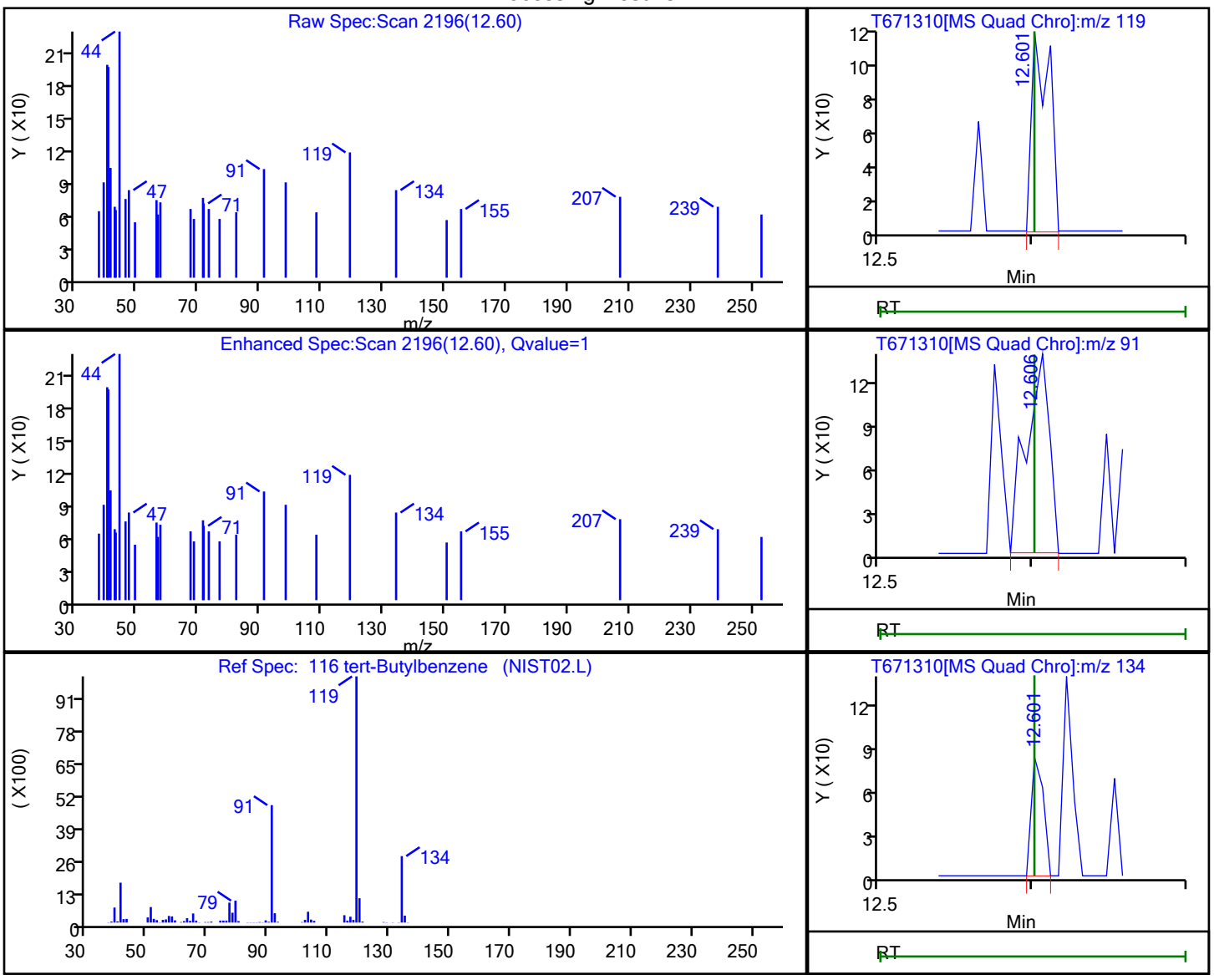
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
12.60	119.00	91	0.008383
12.61	91.00	139	
12.60	134.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

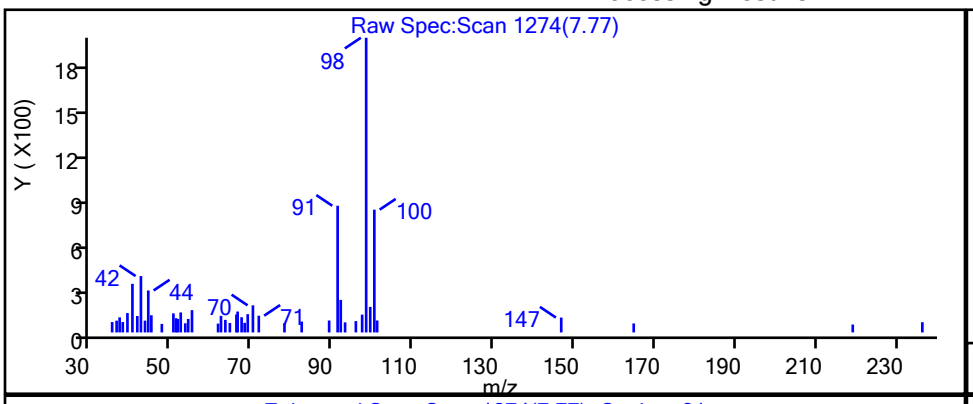
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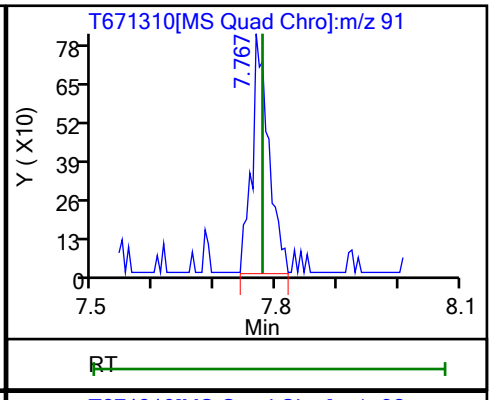
Eurofins Edison

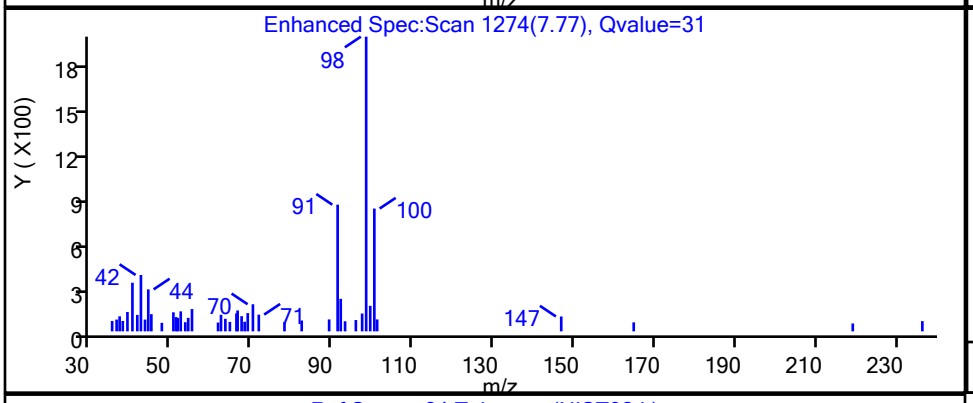
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

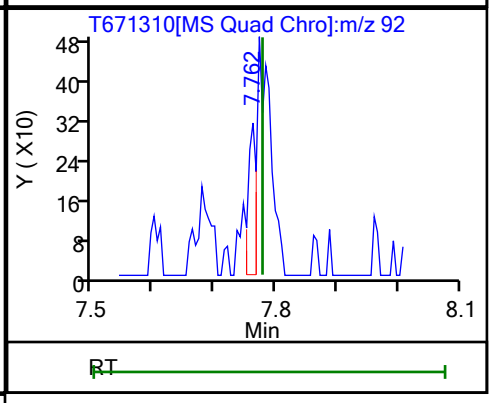
84 Toluene, CAS: 108-88-3

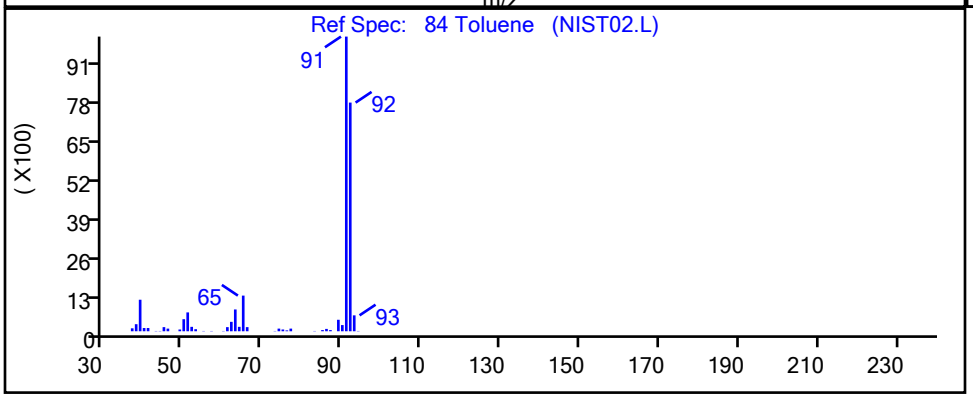
Processing Results











RT	Mass	Response	Amount
7.77	91.00	1559	0.106048
7.76	92.00	274	

Reviewer: W9CM, 27-Oct-2023 13:21:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

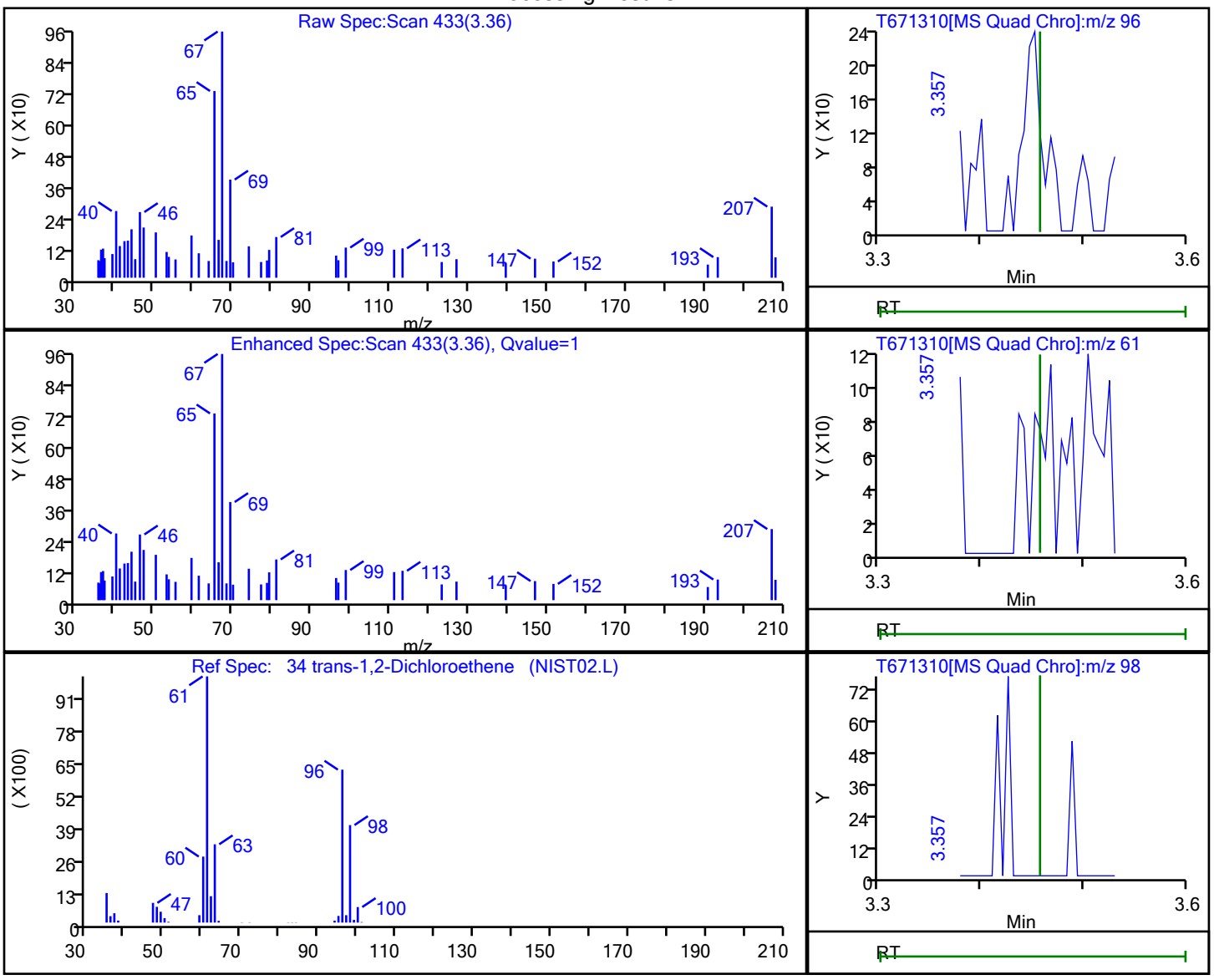
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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

Processing Results



RT	Mass	Response	Amount
3.36	96.00	118	0.019097
3.36	61.00	48	
3.36	98.00	81	

Reviewer: W9CM, 27-Oct-2023 13:20:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

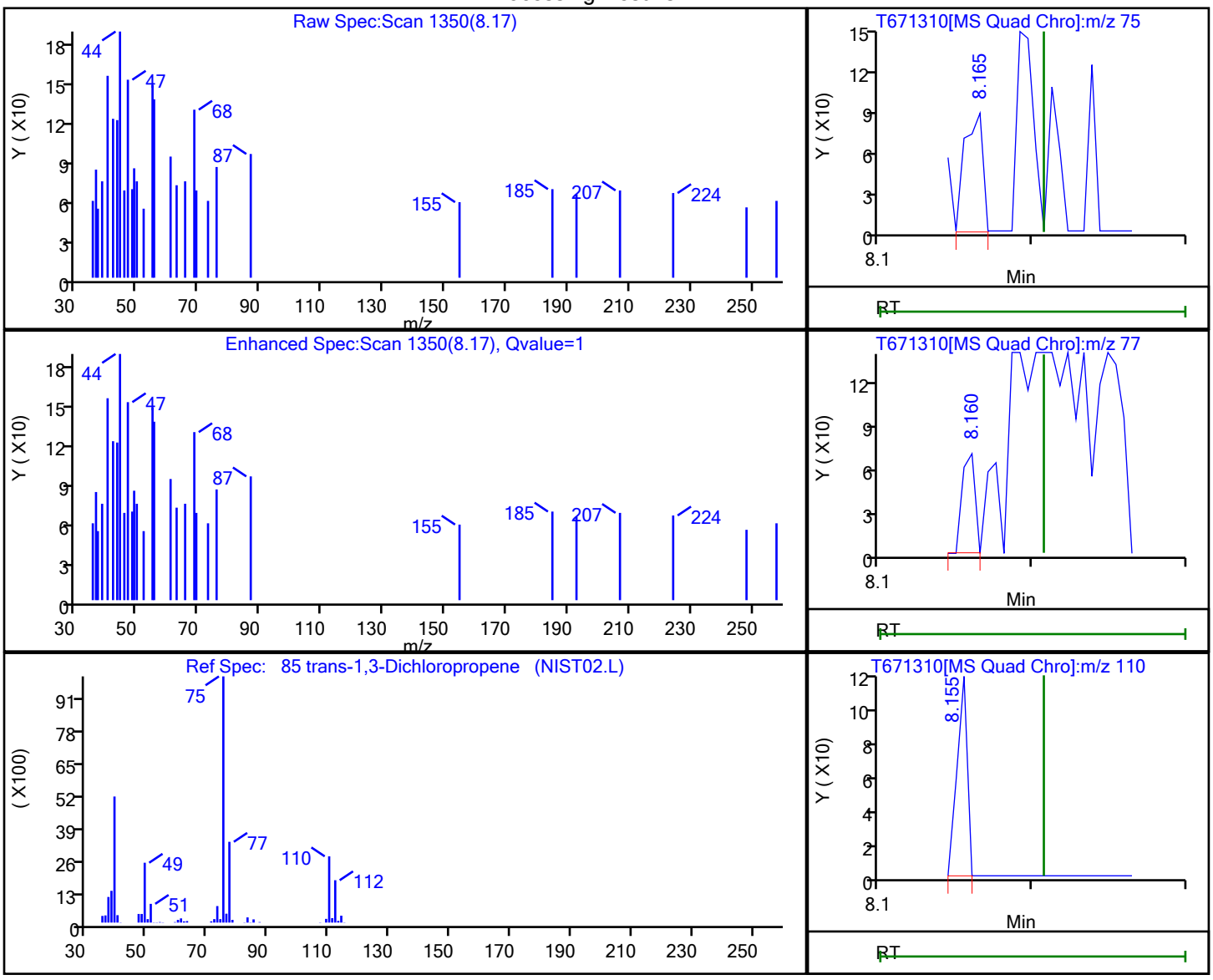
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
8.17	75.00	70	0.008147
8.16	77.00	39	
8.15	110.00	55	

Reviewer: W9CM, 27-Oct-2023 13:21:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

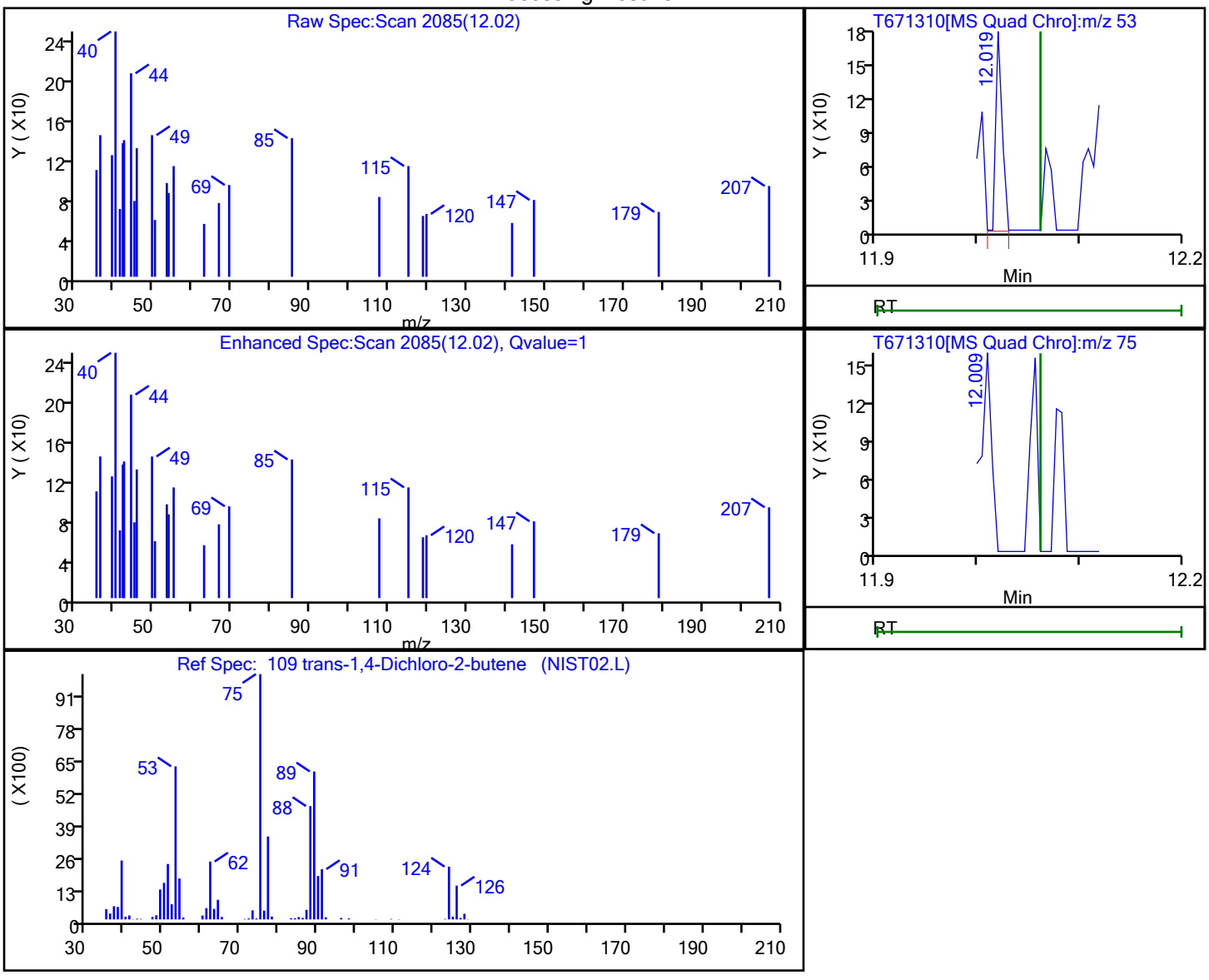
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
12.02	53.00	78	0.061747
12.01	75.00	115	

Reviewer: W9CM, 27-Oct-2023 13:21:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

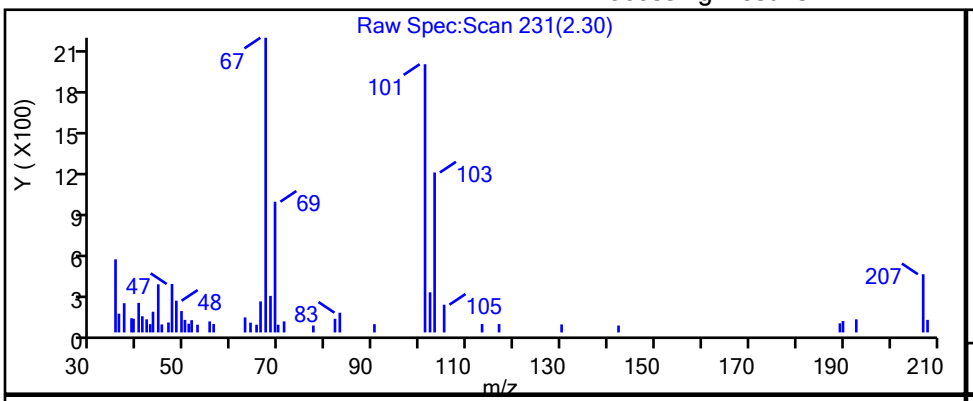
User Disabled Compound Report

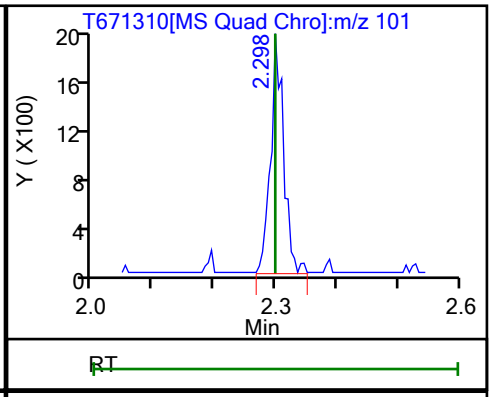
Eurofins Edison

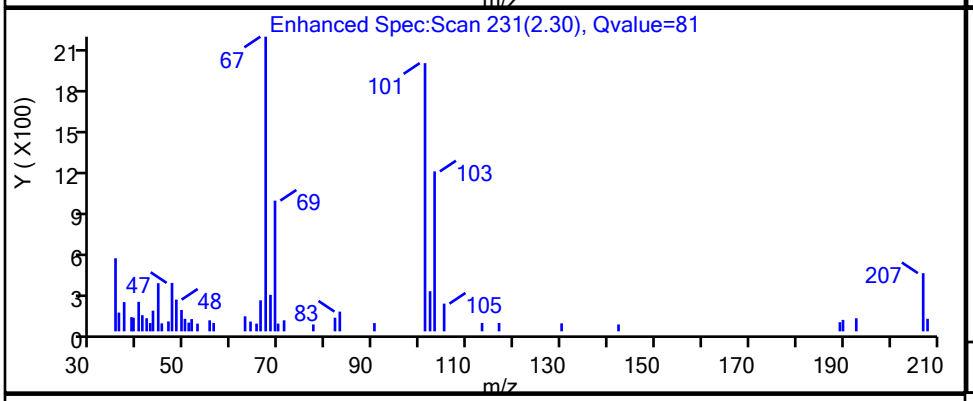
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

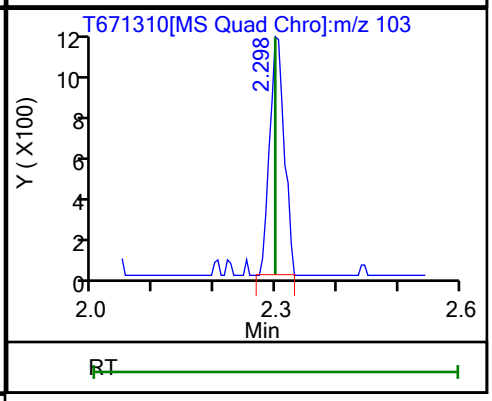
12 Trichlorofluoromethane, CAS: 75-69-4

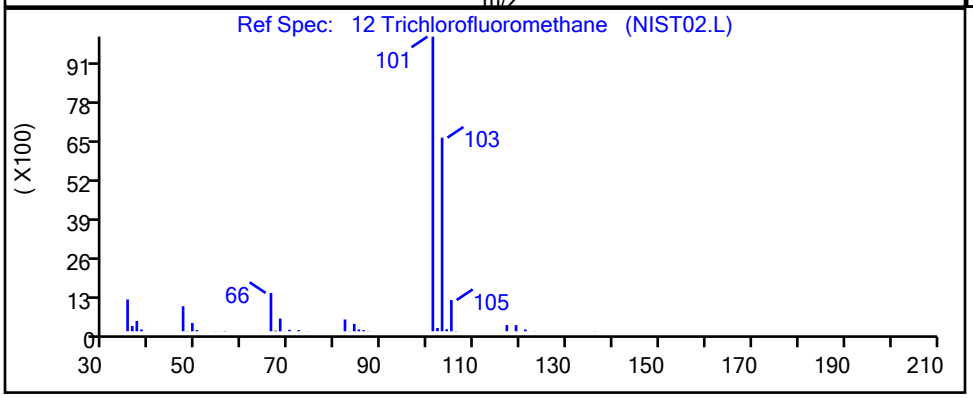
Processing Results











RT	Mass	Response	Amount
2.30	101.00	2856	0.250000
2.30	103.00	1931	

Reviewer: W9CM, 27-Oct-2023 13:19:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

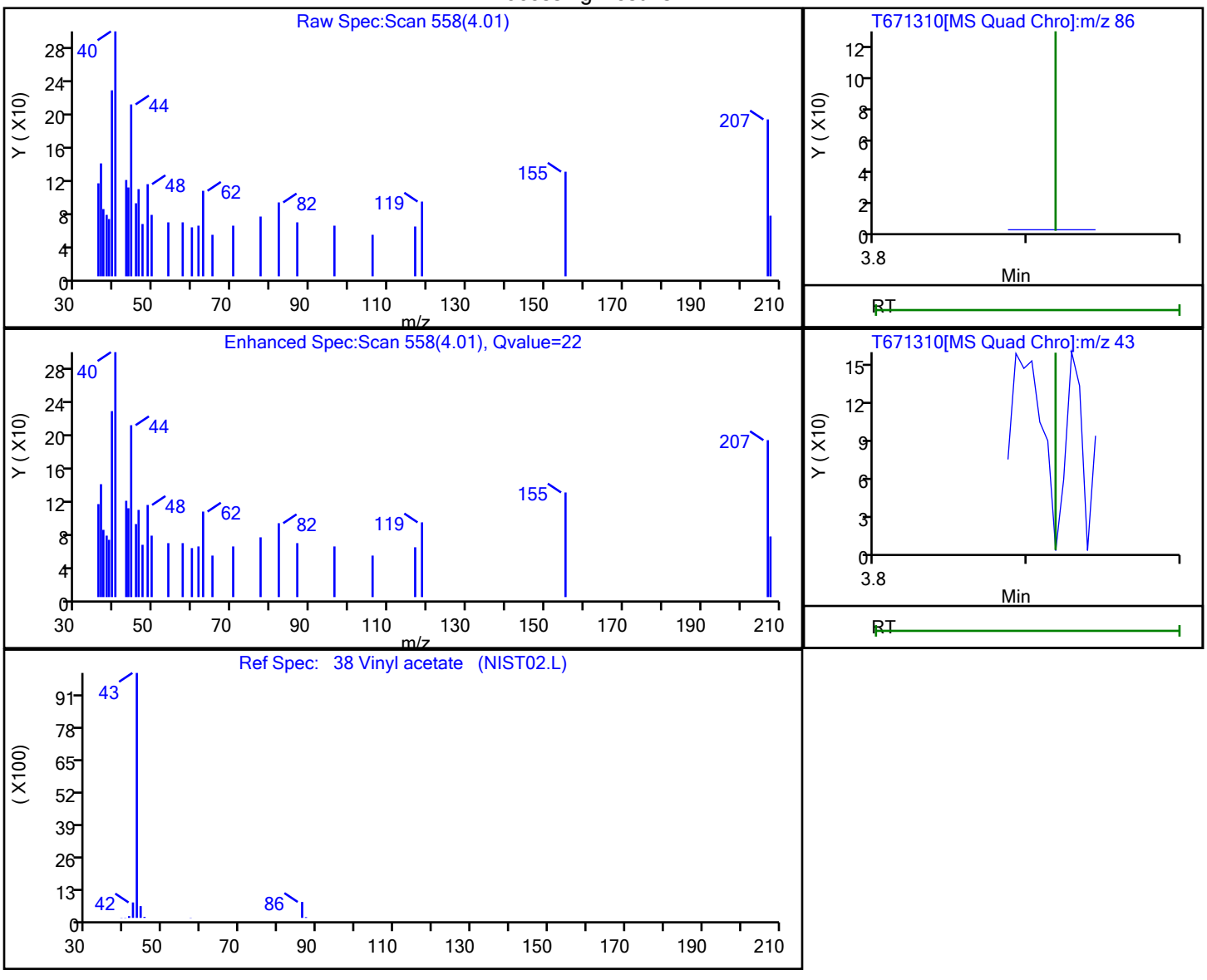
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
4.01	86.00	20	0.037671
4.02	43.00	225	

Reviewer: W9CM, 27-Oct-2023 13:20:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

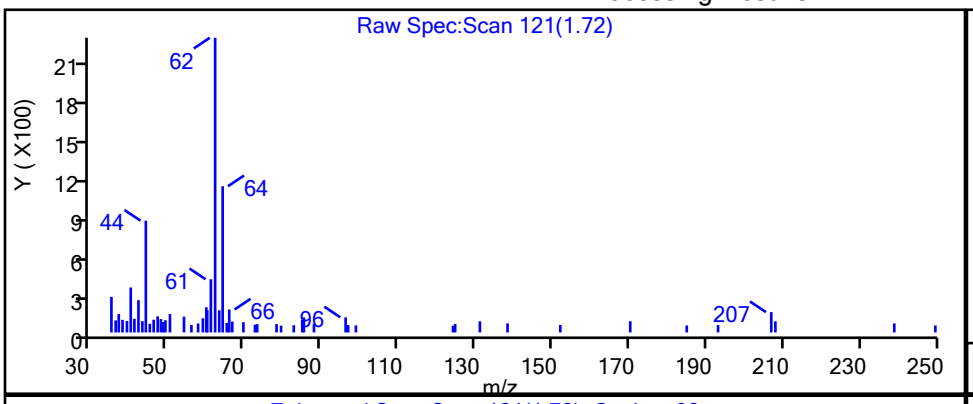
User Disabled Compound Report

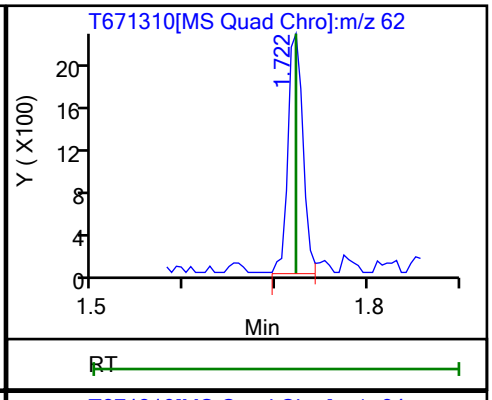
Eurofins Edison

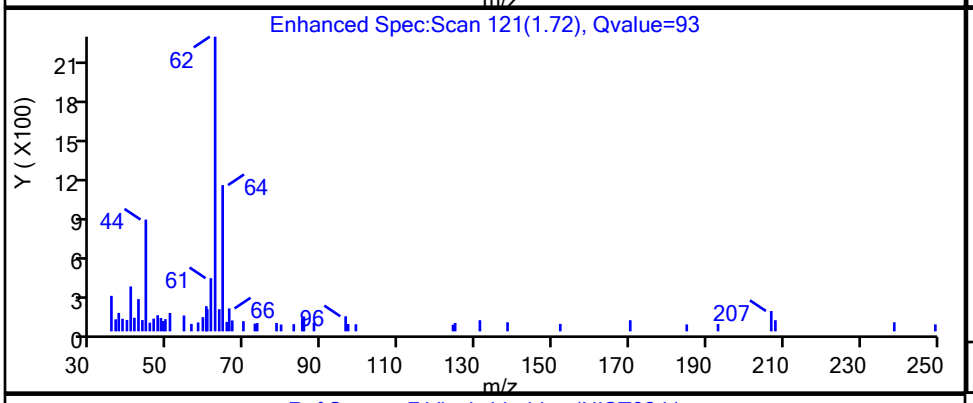
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

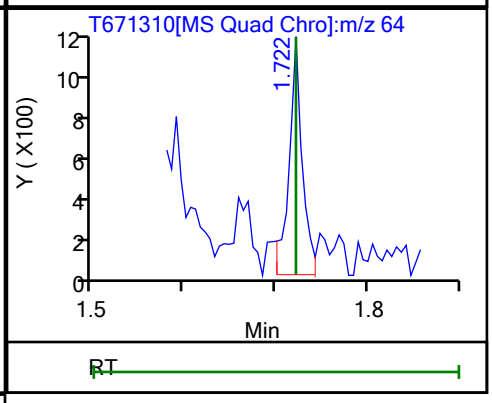
7 Vinyl chloride, CAS: 75-01-4

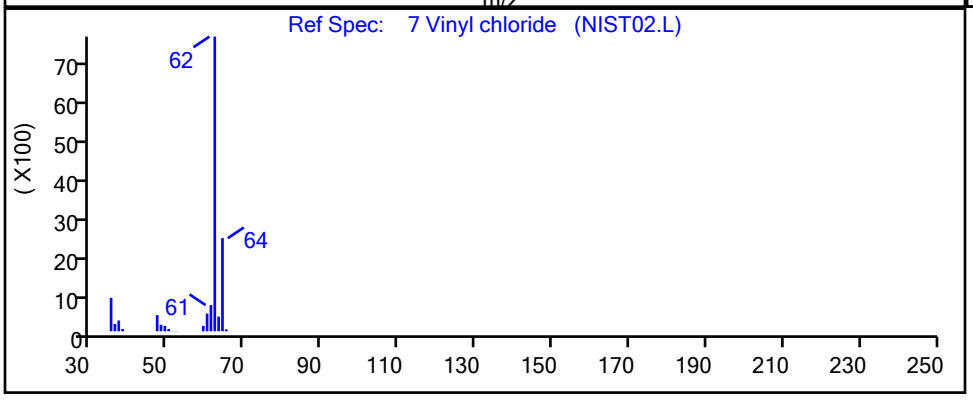
Processing Results











RT	Mass	Response	Amount
1.72	62.00	2549	0.250000
1.72	64.00	1132	

Reviewer: W9CM, 27-Oct-2023 13:19:21 -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\CVOAMS15\20231027-167990.b\T671312.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Oct-2023 12:54:58 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0167990-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:43:47 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: PUV6 Date: 27-Oct-2023 15:32:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	20	342	1.00	1.76	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	90	1335	1.00	1.48	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	91	1681	1.00	1.02	
4 Dichlorodifluoromethane	85	1.454	1.449	0.005	85	4417	1.00	0.9573	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	76	751	1.00	1.15	
6 Chloromethane	50	1.627	1.632	-0.005	97	4649	1.00	1.03	
7 Vinyl chloride	62	1.722	1.721	0.001	76	5769	1.00	1.01	
8 Butadiene	54	1.748	1.748	0.000	90	5755	1.00	0.8742	
9 Bromomethane	94	2.026	2.020	0.006	93	4108	1.00	1.15	
10 Chloroethane	64	2.110	2.109	0.001	89	2869	1.00	1.01	
11 Dichlorofluoromethane	67	2.298	2.293	0.005	86	7204	1.00	0.9289	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	91	6360	1.00	0.9709	
13 Pentane	72	2.351	2.351	0.000	88	906	2.00	2.15	
14 Ethanol	46	2.513	2.513	0.000	90	440	40.0	29.9	
15 Ethyl ether	59	2.555	2.555	0.000	82	3276	1.00	1.20	
17 2-Methyl-1,3-butadiene	53	2.581	2.576	0.005	87	2395	1.00	0.9666	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	83	3600	1.00	0.99	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.665	-0.005	92	5637	1.00	0.9882	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.733	0.001	83	3520	1.00	0.9802	
19 Acrolein	56	2.739	2.733	0.006	90	2224	4.00	4.05	
20 1,1-Dichloroethene	96	2.781	2.770	0.011	77	3529	1.00	1.13	a
22 Acetone	43	2.870	2.870	0.000	84	4258	5.00	5.32	
23 Iodomethane	142	2.933	2.933	0.000	95	2740	1.00	1.02	
24 Carbon disulfide	76	2.964	2.964	0.000	99	7055	1.00	1.05	
25 Isopropyl alcohol	45	2.969	2.964	0.005	33	1784	10.0	10.7	M
27 3-Chloro-1-propene	76	3.116	3.116	0.000	81	2036	1.00	1.01	
28 Methyl acetate	43	3.132	3.132	0.000	81	4145	2.00	2.01	
29 Cyclopentene	67	3.132	3.132	0.000	87	5358	1.00	0.9837	
26 Acetonitrile	41	3.184	3.190	-0.006	94	3168	10.0	9.76	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	97	34889	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	3.253	3.252	0.001	32	4171	1.00	1.03	
32 2-Methyl-2-propanol	59	3.316	3.315	0.001	85	3601	10.0	12.0	
35 Methyl tert-butyl ether	73	3.426	3.431	-0.005	92	8135	1.00	0.8808	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	79	3987	1.00	1.09	
33 Acrylonitrile	53	3.541	3.536	0.005	85	10318	10.0	9.32	M
36 Hexane	57	3.625	3.635	-0.010	86	2793	1.00	0.99	
40 Isopropyl ether	45	3.877	3.866	0.010	97	9146	1.00	0.9576	a
37 1,1-Dichloroethane	63	3.903	3.897	0.006	95	6437	1.00	1.02	
38 Vinyl acetate	86	3.913	3.918	-0.005	98	1070	2.00	1.71	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	83	2963	1.00	0.9465	
41 Tert-butyl ethyl ether	59	4.228	4.222	0.006	82	7856	1.00	0.8733	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	67	244521	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	46	1785	1.00	1.17	M
43 cis-1,2-Dichloroethene	96	4.490	4.485	0.005	73	4601	1.00	1.01	
45 2-Butanone (MEK)	72	4.511	4.506	0.005	97	1907	5.00	5.15	
47 Ethyl acetate	70	4.511	4.516	-0.005	94	792	2.00	2.50	
48 Methyl acrylate	55	4.569	4.574	-0.005	78	2329	1.00	0.8882	
46 Propionitrile	54	4.663	4.658	0.005	88	4426	10.0	9.90	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	2204	1.00	0.9483	
51 Tetrahydrofuran	72	4.752	4.742	0.010	46	1233	2.00	1.94	
50 Methacrylonitrile	67	4.778	4.773	0.005	85	12549	10.0	8.58	
52 Chloroform	83	4.805	4.804	0.001	88	6798	1.00	0.9572	
55 Cyclohexane	84	4.936	4.941	-0.005	84	4491	1.00	1.01	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	39	5786	1.00	0.9827	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	174136	50.0	50.4	
56 Carbon tetrachloride	117	5.098	5.098	0.000	95	5317	1.00	1.00	
57 1,1-Dichloropropene	75	5.135	5.140	-0.005	88	4546	1.00	0.9817	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	81	3991	25.0	25.6	M
62 Isooctane	57	5.334	5.339	-0.005	92	6689	1.00	0.9410	M
60 Benzene	78	5.371	5.365	0.006	50	14000	1.00	1.00	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.386	0.001	97	153697	50.0	50.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	81	7996	1.00	0.8487	
63 Isopropyl acetate	61	5.449	5.455	-0.006	84	1588	1.00	0.9444	a
61 1,2-Dichloroethane	62	5.470	5.476	-0.006	87	4790	1.00	1.13	
66 n-Heptane	43	5.549	5.554	-0.005	84	2172	1.00	0.9460	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	562411	50.0	50.0	
68 n-Butanol	56	6.084	6.079	0.006	76	1882	25.0	25.7	
67 Trichloroethene	95	6.121	6.120	0.001	88	3855	1.00	0.9660	
70 Methylcyclohexane	83	6.262	6.262	0.000	89	4852	1.00	1.02	
69 Ethyl acrylate	55	6.273	6.273	0.001	92	6171	1.00	0.9306	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	81	3696	1.00	0.9830	
* 73 1,4-Dioxane-d8	96	6.530	6.535	-0.005	1	30708	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.566	-0.005	71	1829	2.00	1.98	
74 1,4-Dioxane	88	6.608	6.603	0.005	55	1885	50.0	44.1	
72 Dibromomethane	93	6.608	6.608	0.000	86	2660	1.00	1.01	
76 n-Propyl acetate	43	6.640	6.634	0.006	91	3166	1.00	0.8704	
77 Dichlorobromomethane	83	6.797	6.792	0.005	91	5198	1.00	0.9776	
78 2-Nitropropane	41	7.201	7.201	0.000	96	1223	2.00	1.80	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	71	456	1.00	0.9764	
80 Epichlorohydrin	57	7.332	7.326	0.006	92	5469	20.0	20.6	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	72	6124	1.00	0.9830	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	92	10384	5.00	4.62	

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	7.683	7.683	0.000	98	588344	50.0	50.7	
84 Toluene	91	7.777	7.777	0.000	91	16913	1.00	1.06	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	85	4888	1.00	0.9043	
86 Ethyl methacrylate	69	8.260	8.254	0.006	71	3734	1.00	0.9673	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	87	2685	1.00	0.9071	
88 Tetrachloroethene	166	8.501	8.506	-0.005	82	4570	1.00	1.00	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	82	5359	1.00	0.9838	
90 2-Hexanone	43	8.805	8.810	-0.005	94	7754	5.00	4.93	
93 n-Butyl acetate	43	8.968	8.957	0.011	88	4240	1.00	1.08	a
91 Chlorodibromomethane	129	8.994	8.983	0.011	78	3972	1.00	0.9113	M
92 Ethylene Dibromide	107	9.177	9.167	0.010	72	3589	1.00	0.9860	M
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	464626	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	91	10284	1.00	0.9380	
97 Ethylbenzene	106	10.016	10.021	-0.005	95	5767	1.00	0.9819	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.037	0.000	51	4274	1.00	0.9764	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	95	6831	1.00	0.99	
99 o-Xylene	106	10.855	10.860	-0.005	89	6703	1.00	0.9633	M
101 n-Butyl acrylate	73	10.881	10.871	0.010	88	2478	1.00	0.9615	
100 Styrene	104	10.908	10.907	0.001	95	10072	1.00	0.8799	
102 Bromoform	173	11.227	11.222	0.005	66	2968	1.00	0.9705	
103 Amyl acetate (mixed isomers)	43	11.254	11.248	0.006	80	4307	1.00	0.9602	
104 Isopropylbenzene	105	11.427	11.432	-0.005	95	15973	1.00	0.9461	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	97	216926	50.0	52.2	
106 Bromobenzene	156	11.878	11.877	0.001	83	4688	1.00	0.9082	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.967	0.005	85	4041	1.00	0.9655	
110 N-Propylbenzene	91	11.998	11.998	0.000	98	19410	1.00	0.9491	
108 1,2,3-Trichloropropane	110	12.014	12.024	-0.010	56	1459	1.00	1.10	M
109 trans-1,4-Dichloro-2-butene	53	12.056	12.061	-0.005	74	843	1.00	0.9860	
111 2-Chlorotoluene	91	12.129	12.124	0.005	95	12275	1.00	0.9133	
112 4-Ethyltoluene	105	12.155	12.155	0.000	97	15781	1.00	0.9284	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	88	12250	1.00	0.8894	
113 4-Chlorotoluene	91	12.276	12.276	0.000	93	12414	1.00	0.9185	
115 Butyl Methacrylate	87	12.391	12.391	0.000	79	3919	1.00	0.8807	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	11162	1.00	0.9343	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	94	13431	1.00	0.9303	
118 sec-Butylbenzene	105	12.853	12.847	0.006	96	15347	1.00	0.9106	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	93	8057	1.00	0.8911	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	88	12931	1.00	0.8878	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	258131	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	63	7857	1.00	0.8658	
123 1,2,3-Trimethylbenzene	105	13.131	13.130	0.001	96	13096	1.00	0.9214	
124 Benzyl chloride	91	13.262	13.262	0.000	95	6677	1.00	0.8405	
125 2,3-Dihydroindene	117	13.330	13.324	0.006	91	12435	1.00	0.8829	
127 p-Diethylbenzene	119	13.408	13.408	0.000	89	7422	1.00	0.8603	
128 n-Butylbenzene	92	13.429	13.429	0.000	94	6397	1.00	0.9131	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	91	6920	1.00	0.8679	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.142	0.001	94	9746	1.00	0.8500	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	58	862	1.00	0.9391	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	89	4698	1.00	0.9073	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	83	3493	1.00	0.8772	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	42	1991	1.00	1.01	
134 Naphthalene	128	15.092	15.091	0.001	97	5950	1.00	0.7580	

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	15.280	15.280	0.000	73	2287	1.00	0.7999	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.10	
S 137 Xylenes, Total	100				0		2.00	1.95	
S 140 Total BTEX	1				0		5.00	5.00	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.89	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

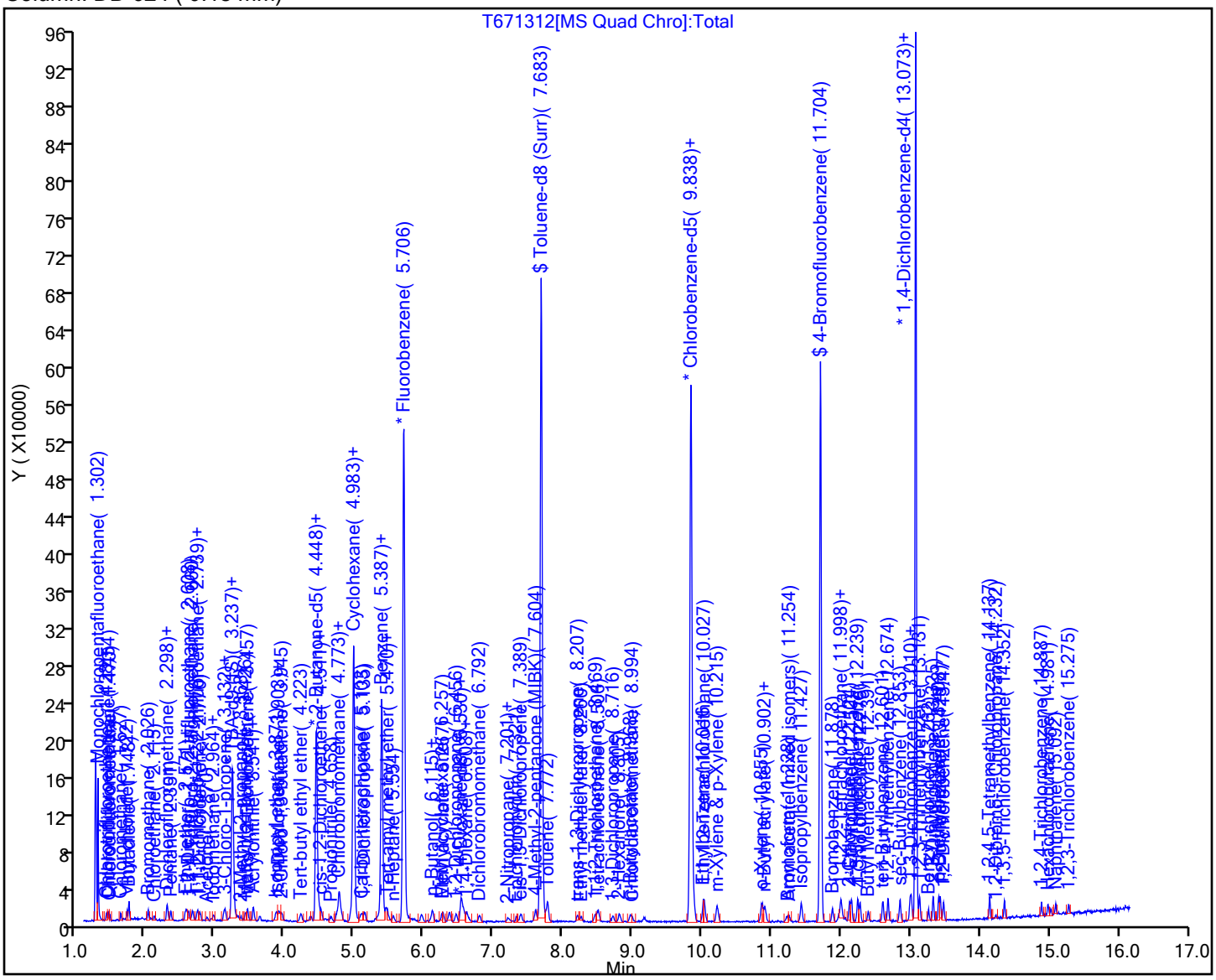
Reagents:

8260MIX1COMB_00177	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 10.00	Units: uL		
ACROLEIN W_00161	Amount Added: 4.00	Units: uL		
524FREONS_00009	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 10.00	Units: uL		
14DIOXINTER_00162	Amount Added: 30.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 28-Oct-2023 10:43:47 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

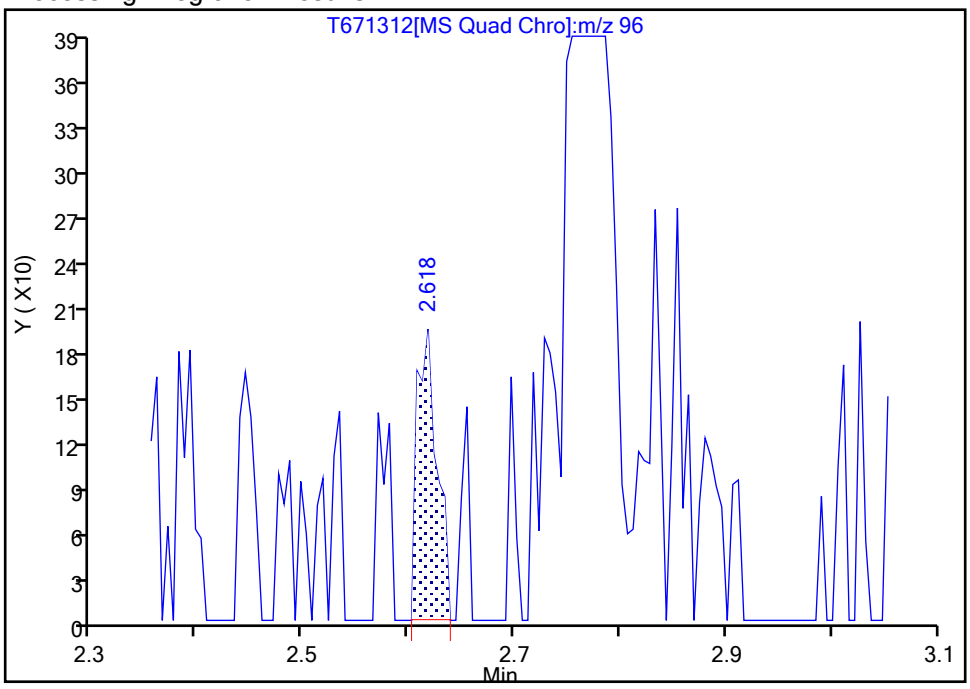
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

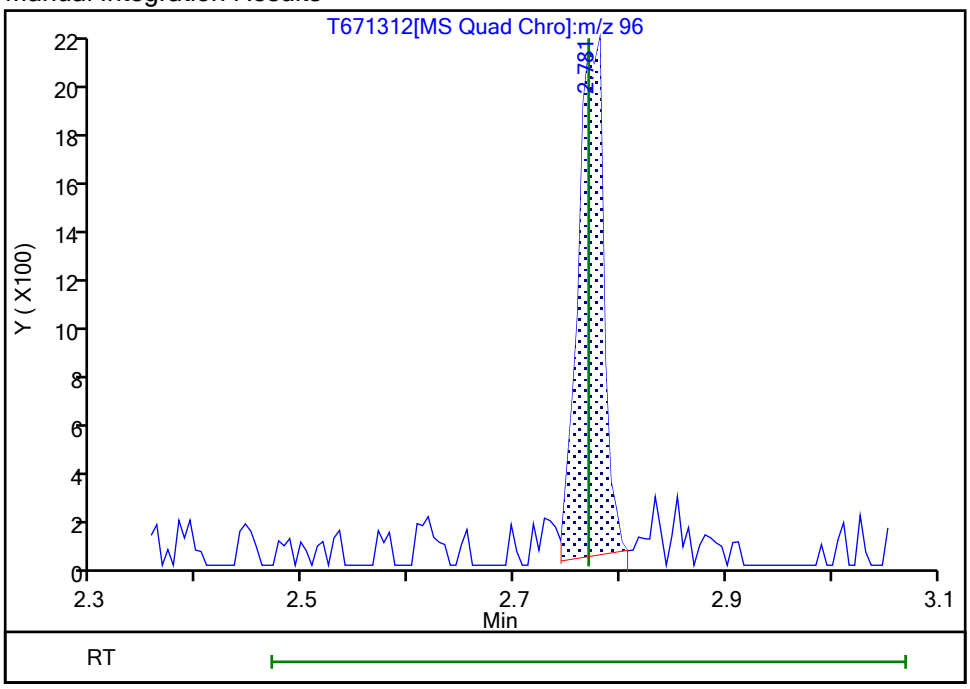
Processing Integration Results

RT: 2.62
Area: 254
Amount: 0.089369
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 3529
Amount: 1.134564
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:31:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

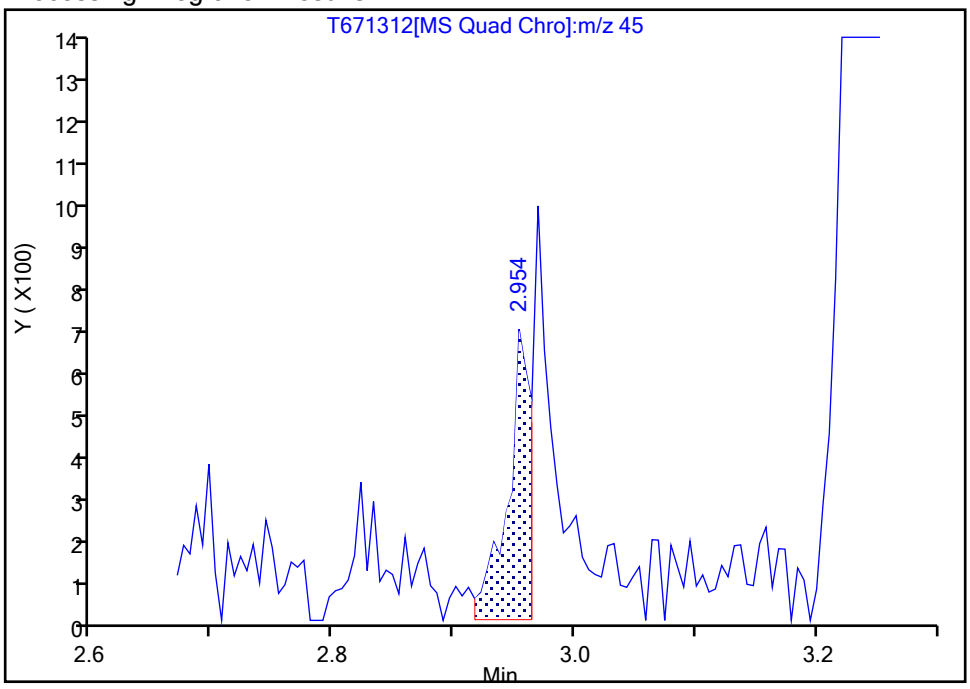
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

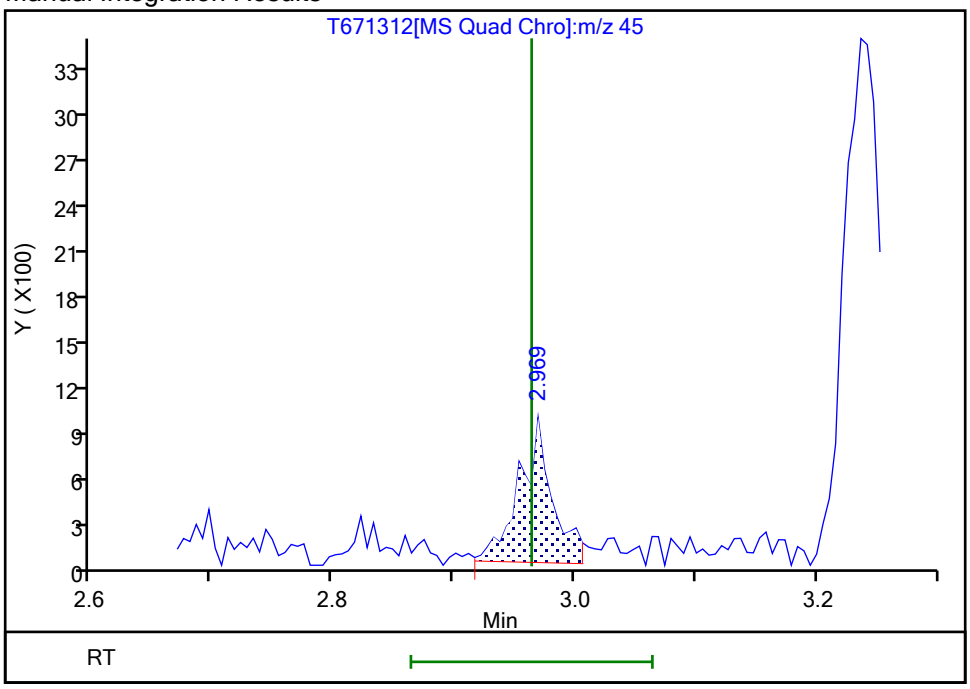
Processing Integration Results

RT: 2.95
Area: 913
Amount: 5.550614
Amount Units: ug/l



Manual Integration Results

RT: 2.97
Area: 1784
Amount: 10.683948
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:32:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

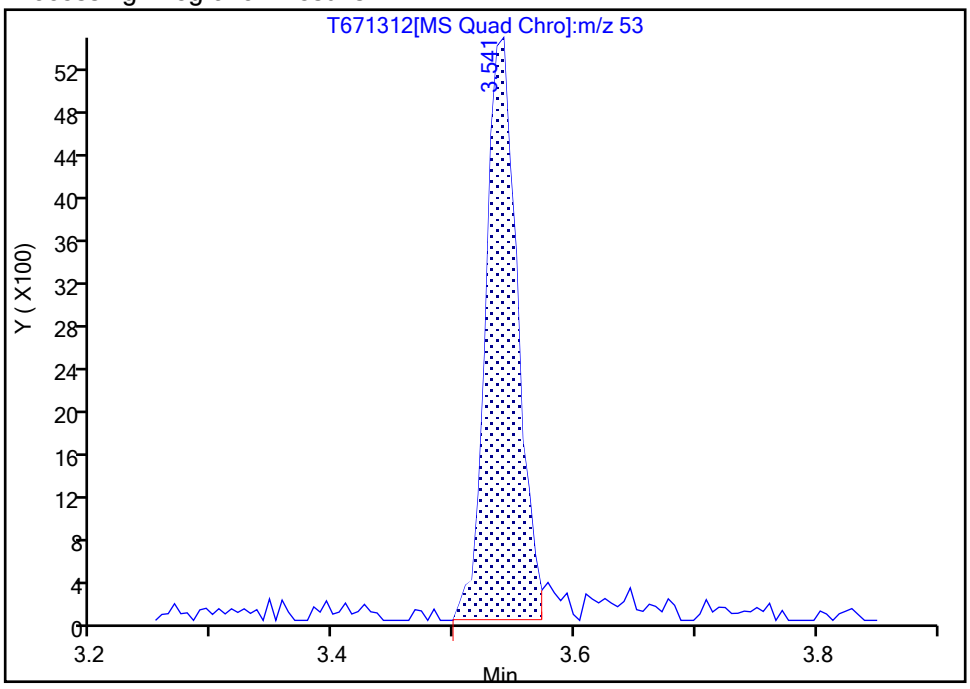
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

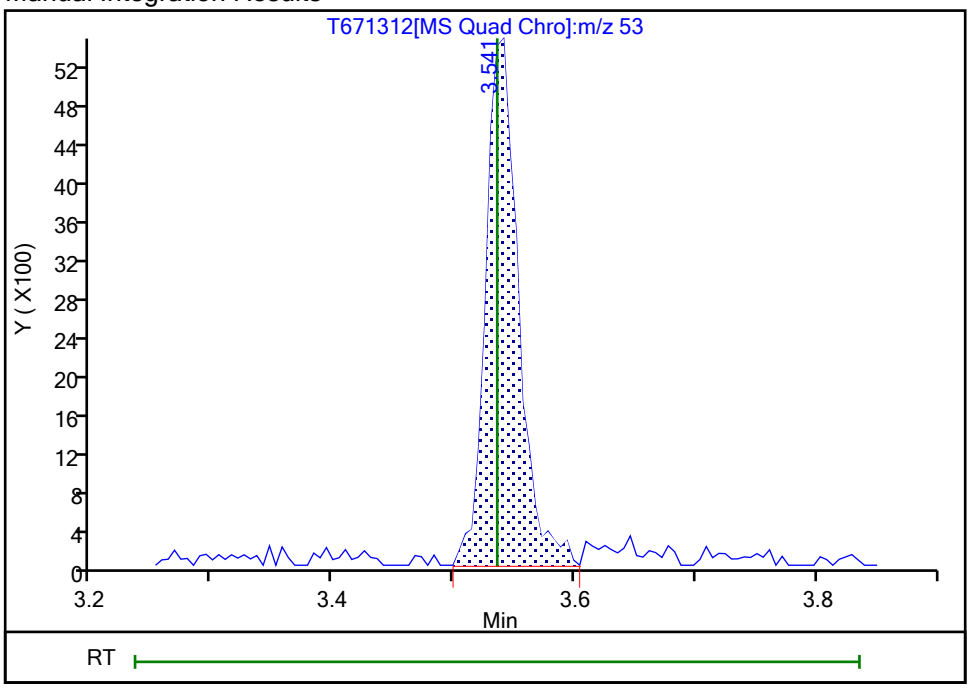
Processing Integration Results

RT: 3.54
Area: 9969
Amount: 9.000186
Amount Units: ug/l



Manual Integration Results

RT: 3.54
Area: 10318
Amount: 9.315155
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:32:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

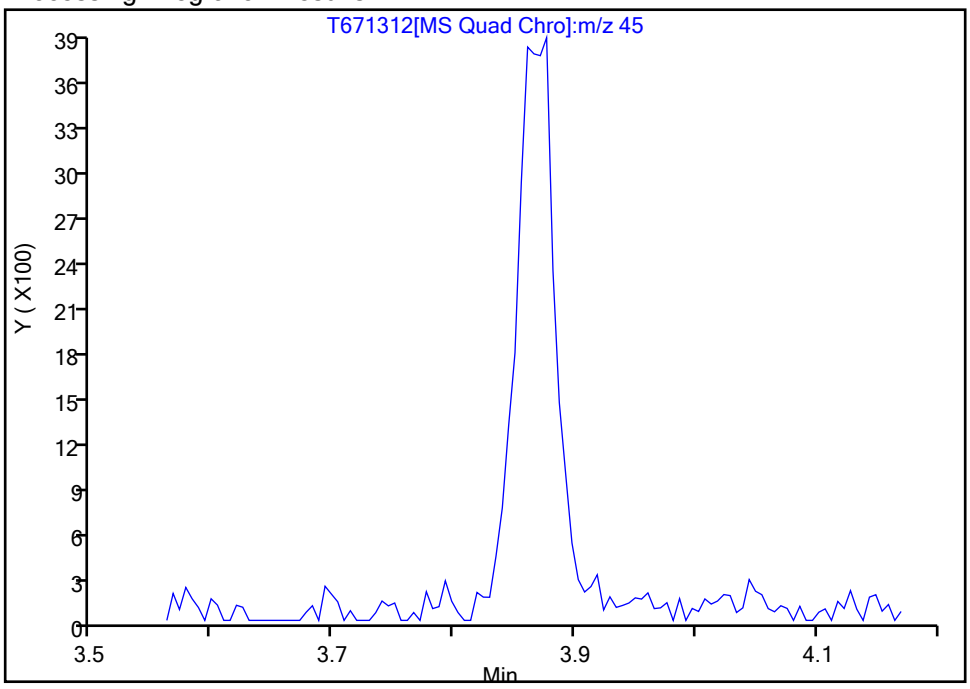
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 Isopropyl ether, CAS: 108-20-3

Signal: 1

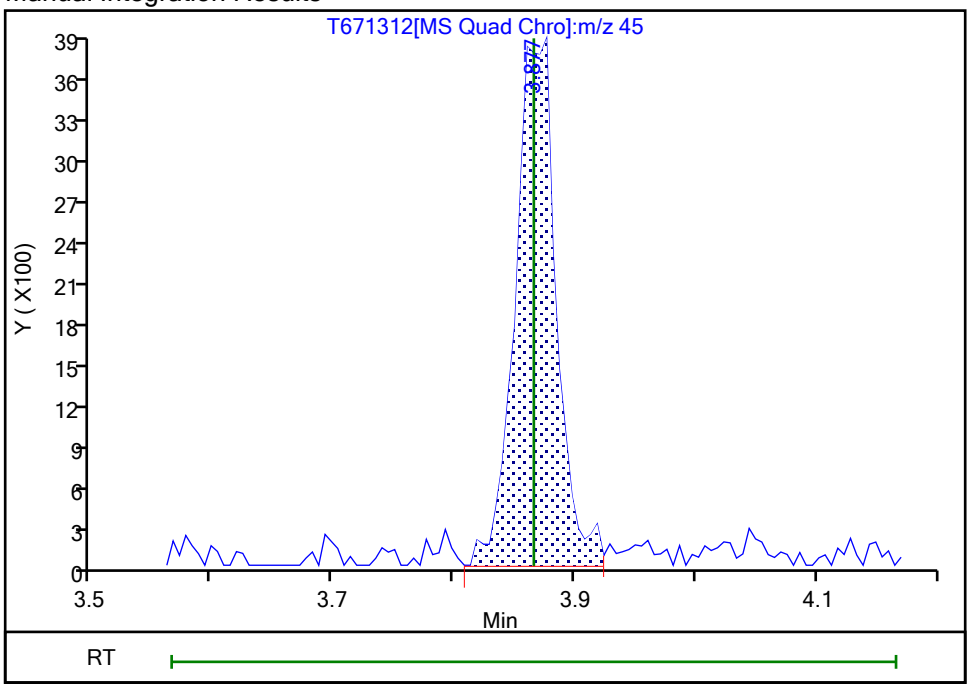
Not Detected
Expected RT: 3.87

Processing Integration Results



Manual Integration Results

RT: 3.88
Area: 9146
Amount: 0.957598
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:30:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

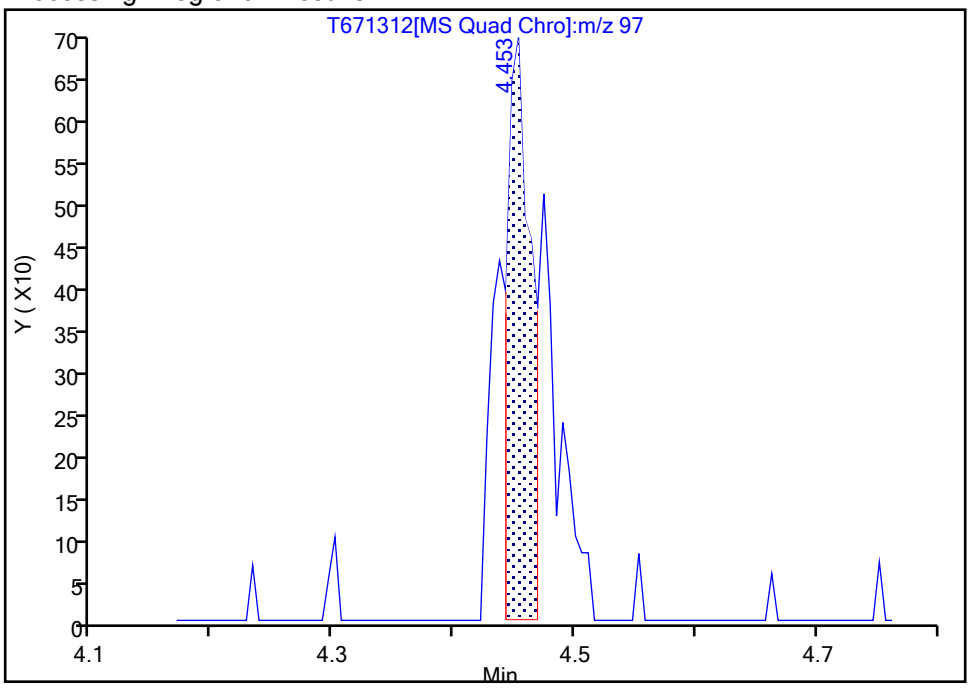
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

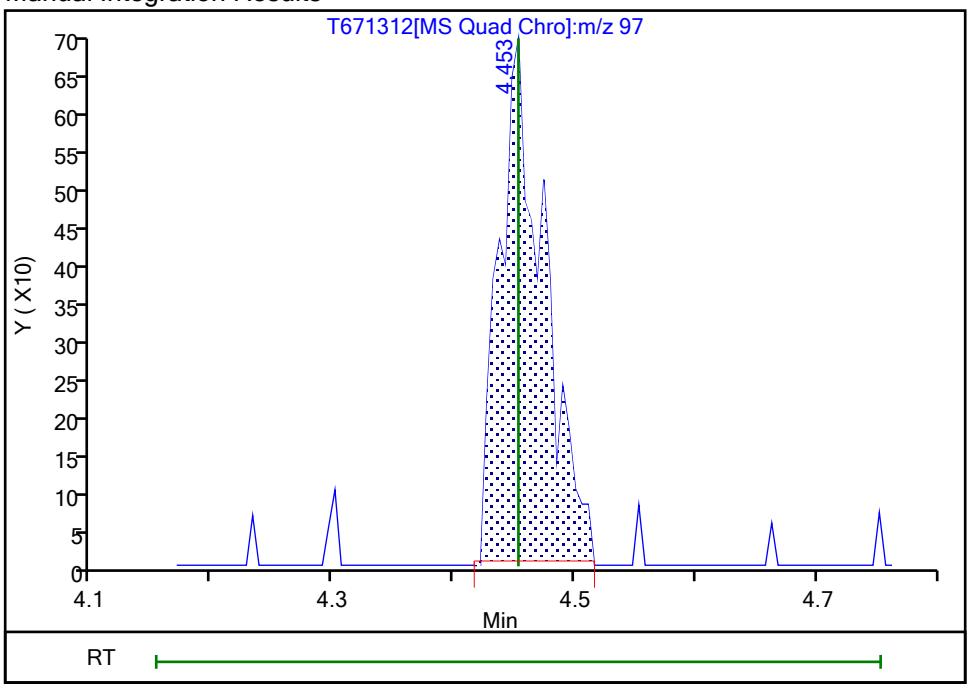
Processing Integration Results

RT: 4.45
Area: 960
Amount: 0.607765
Amount Units: ug/l



Manual Integration Results

RT: 4.45
Area: 1785
Amount: 1.165765
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:32:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

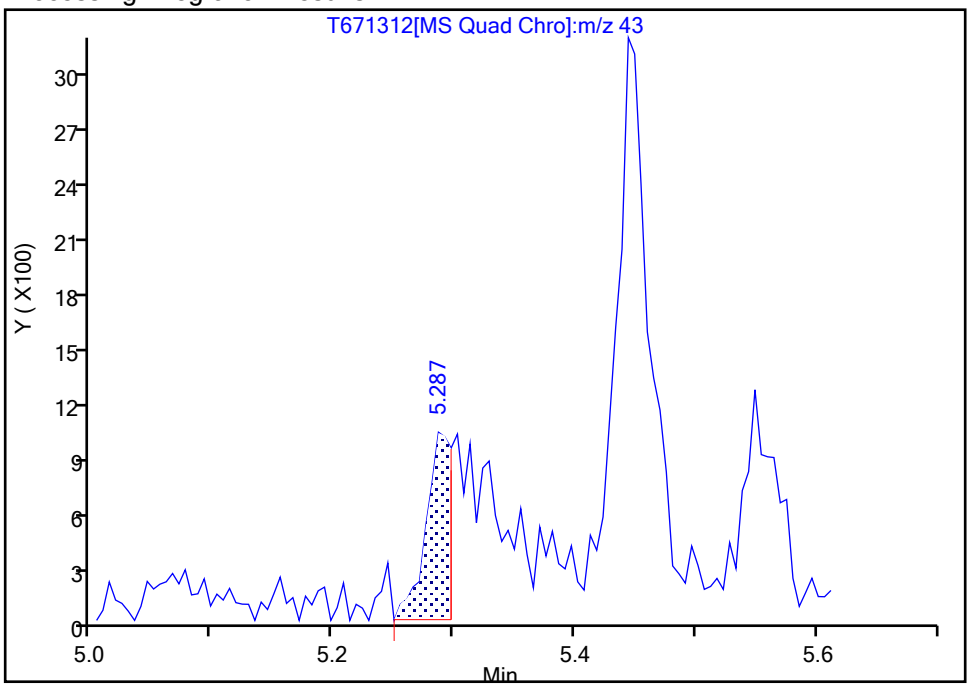
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

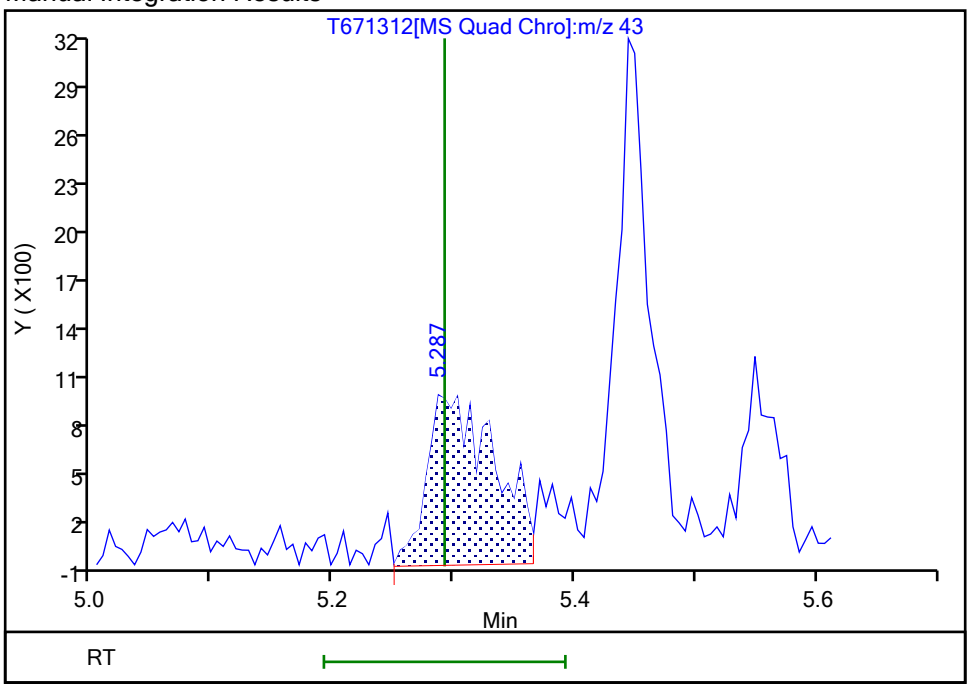
Processing Integration Results

RT: 5.29
Area: 1509
Amount: 11.439699
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 3991
Amount: 25.605401
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

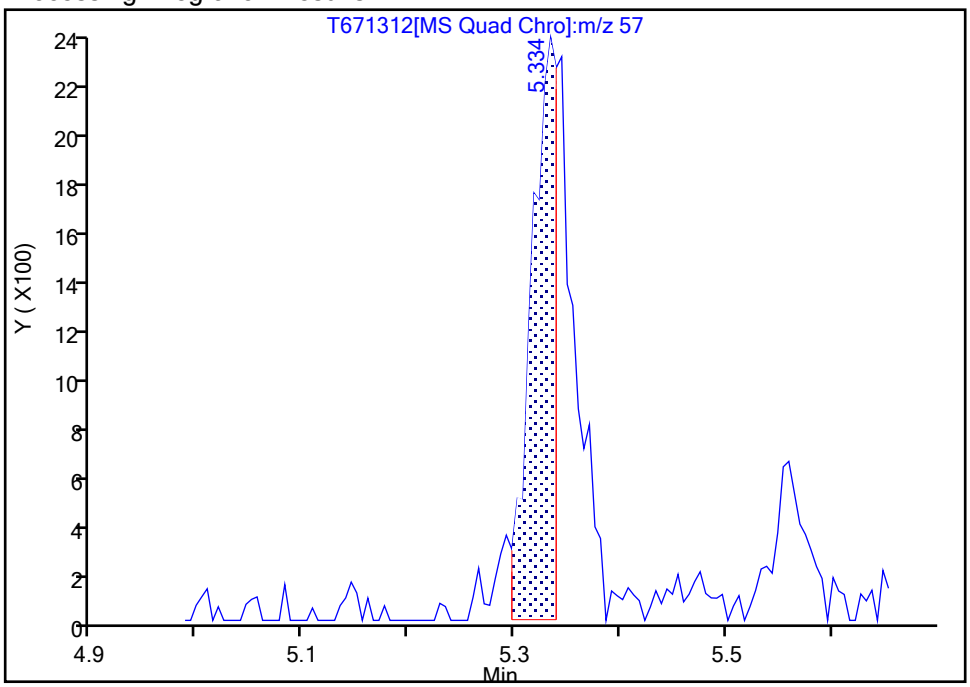
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

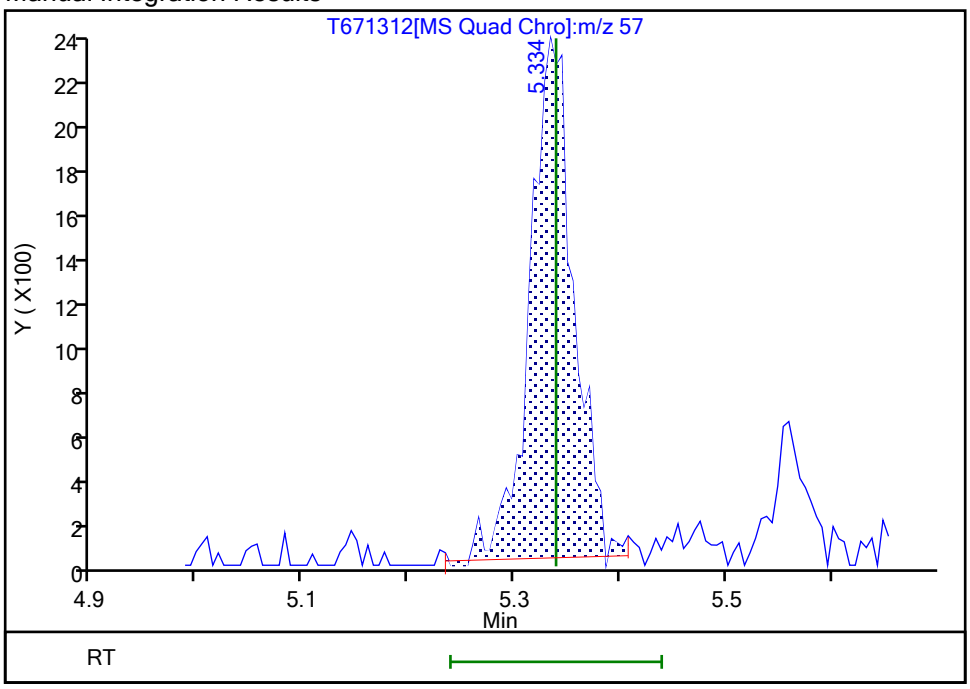
Processing Integration Results

RT: 5.33
Area: 3974
Amount: 0.567079
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 6689
Amount: 0.941010
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:30:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

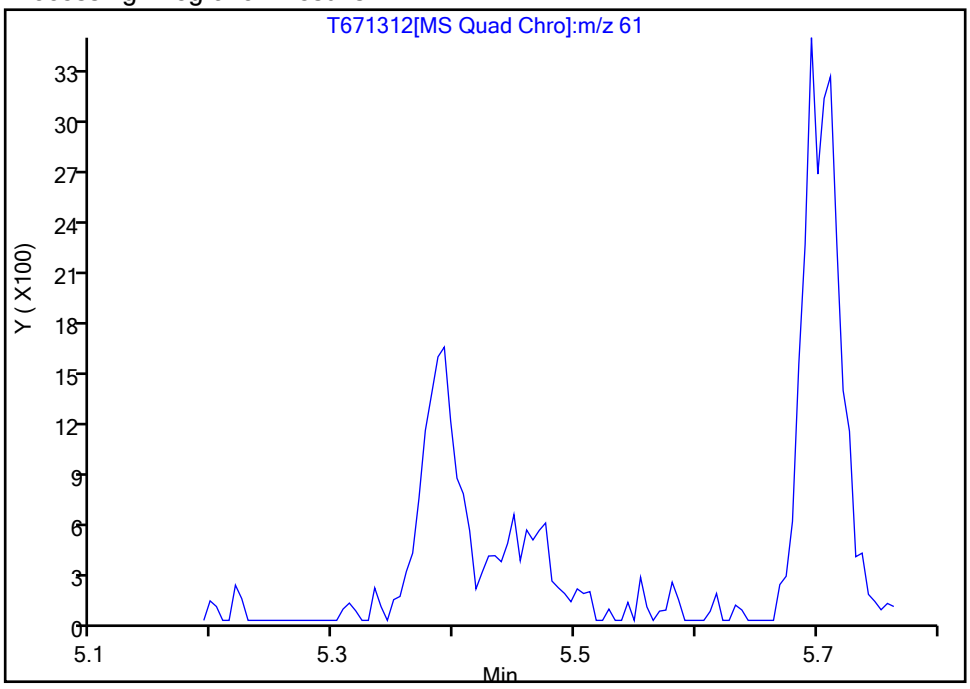
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

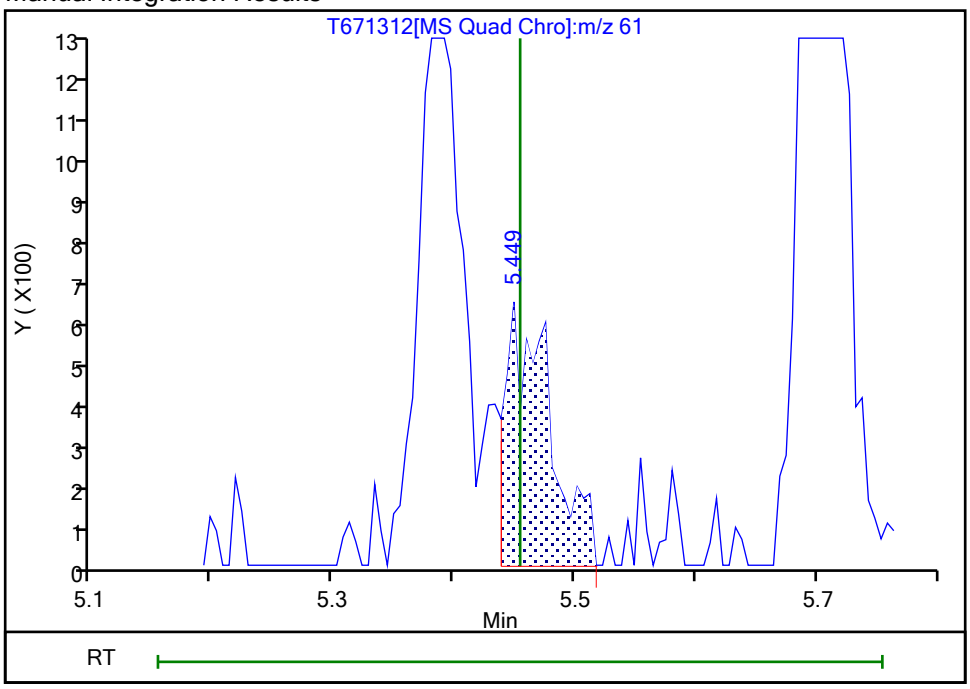
Not Detected
Expected RT: 5.45

Processing Integration Results



Manual Integration Results

RT: 5.45
Area: 1588
Amount: 0.944364
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:34:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

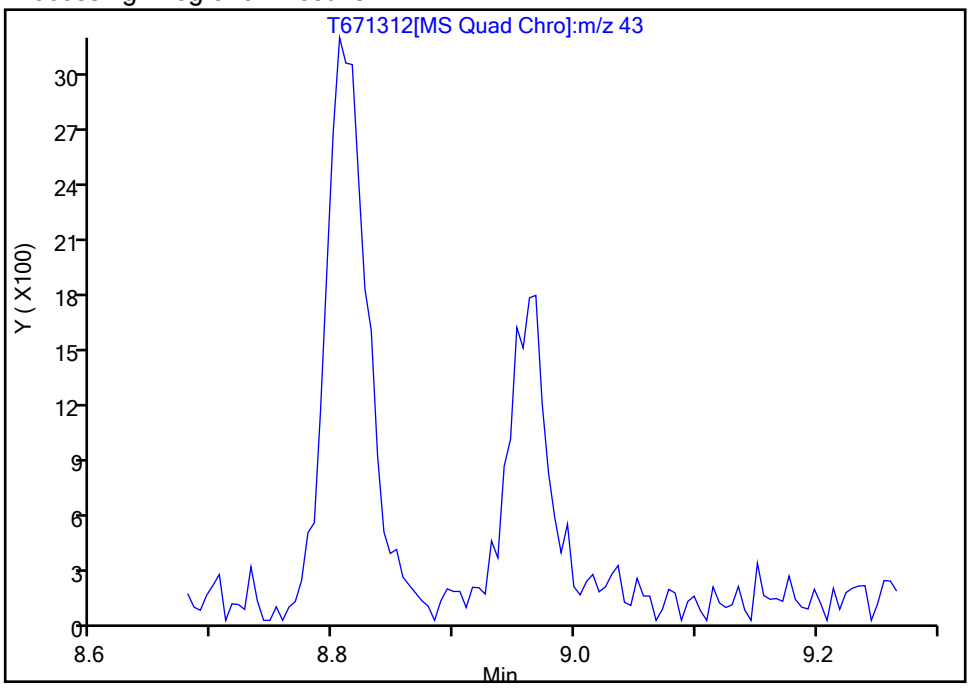
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

93 n-Butyl acetate, CAS: 123-86-4

Signal: 1

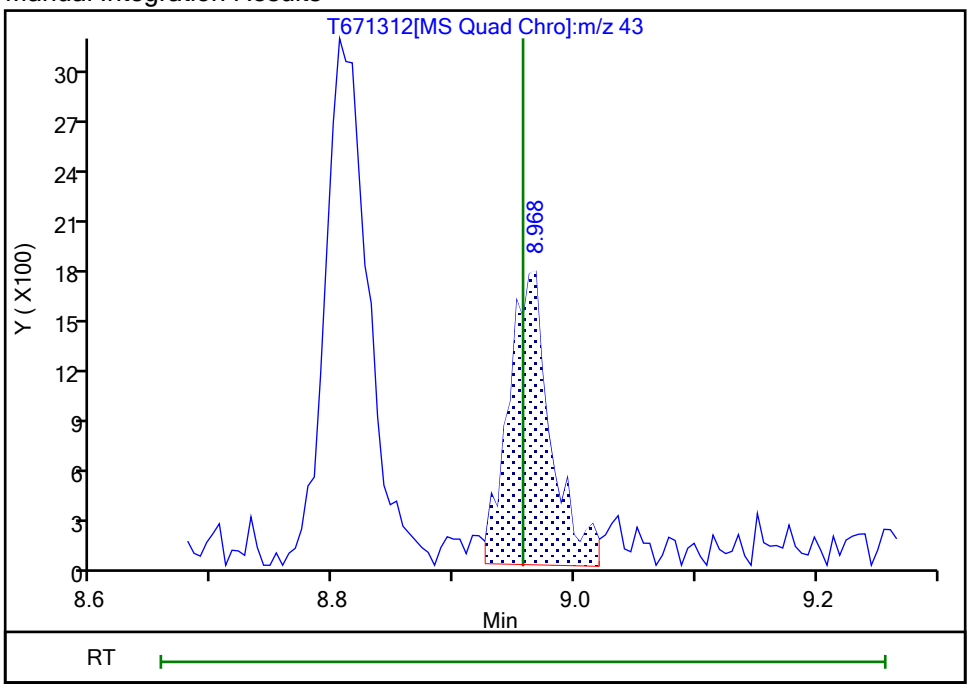
Not Detected
Expected RT: 8.96

Processing Integration Results



Manual Integration Results

RT: 8.97
Area: 4240
Amount: 1.084377
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

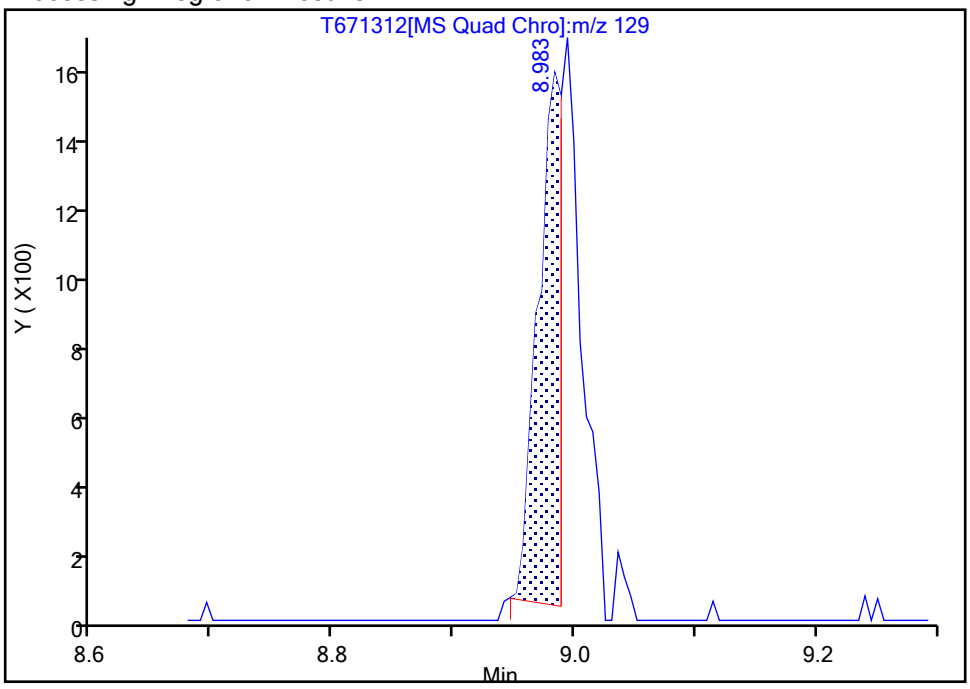
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

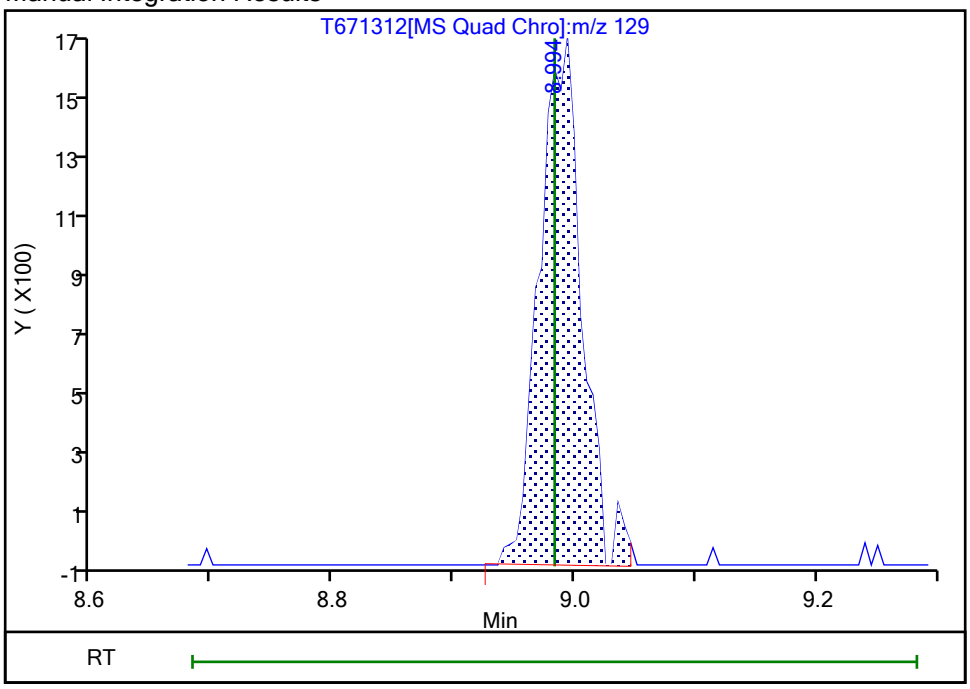
Processing Integration Results

RT: 8.98
Area: 2062
Amount: 0.490324
Amount Units: ug/l



Manual Integration Results

RT: 8.99
Area: 3972
Amount: 0.911296
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:29:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

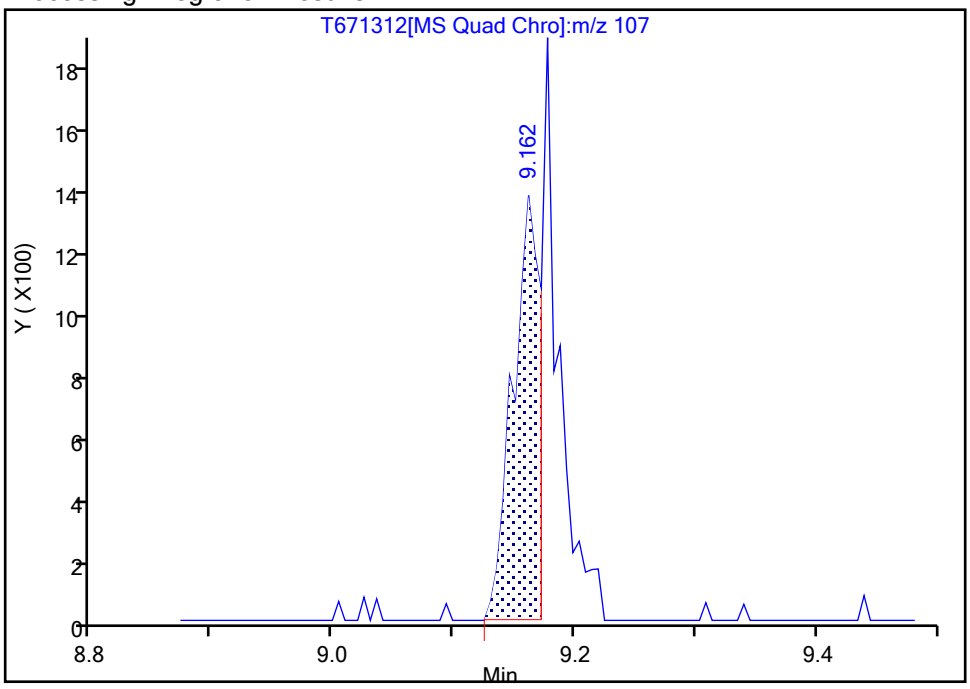
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

92 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

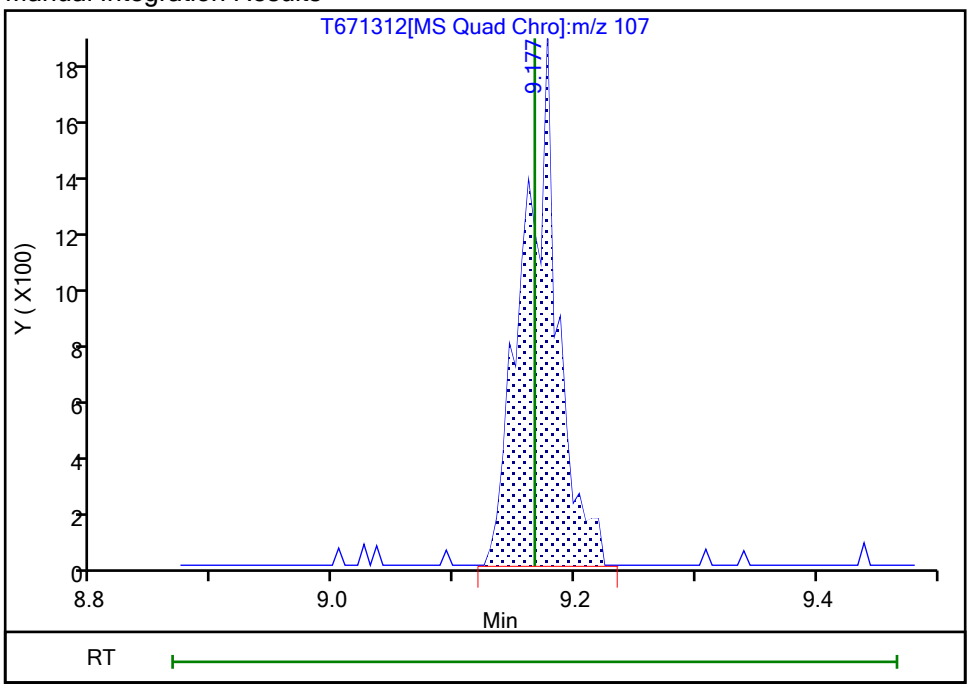
Processing Integration Results

RT: 9.16
Area: 2067
Amount: 0.590996
Amount Units: ug/l



Manual Integration Results

RT: 9.18
Area: 3589
Amount: 0.985964
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

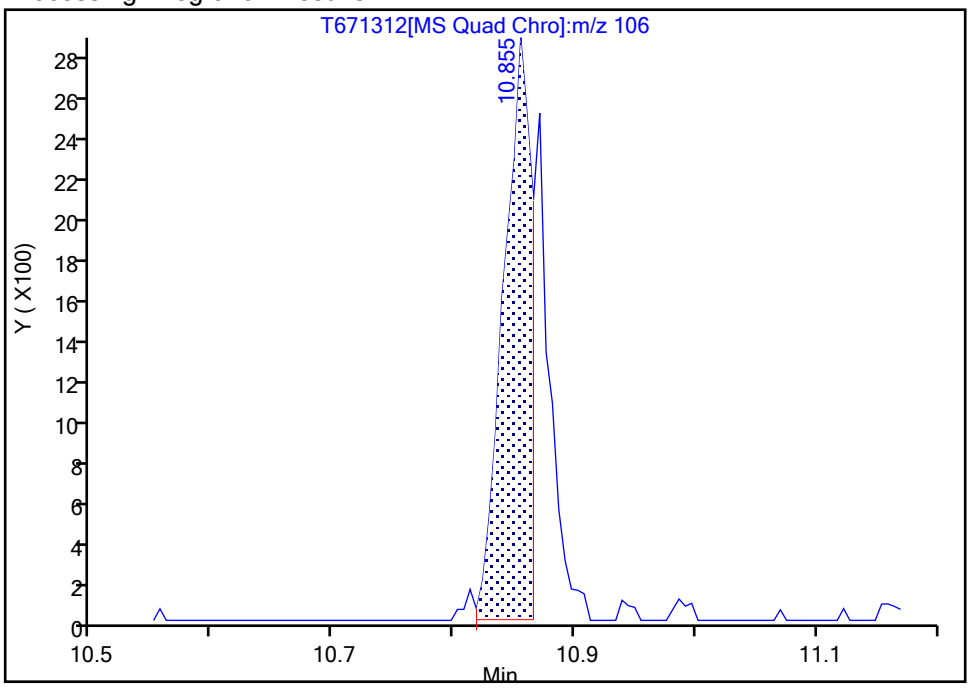
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

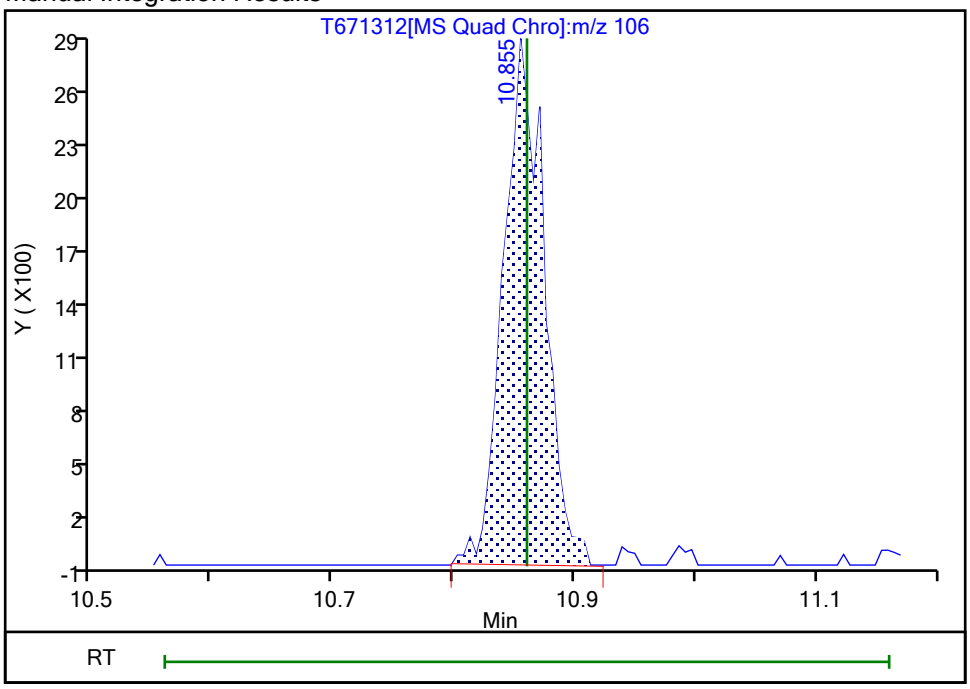
Processing Integration Results

RT: 10.86
Area: 4683
Amount: 0.676747
Amount Units: ug/l



Manual Integration Results

RT: 10.86
Area: 6703
Amount: 0.963265
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:29:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

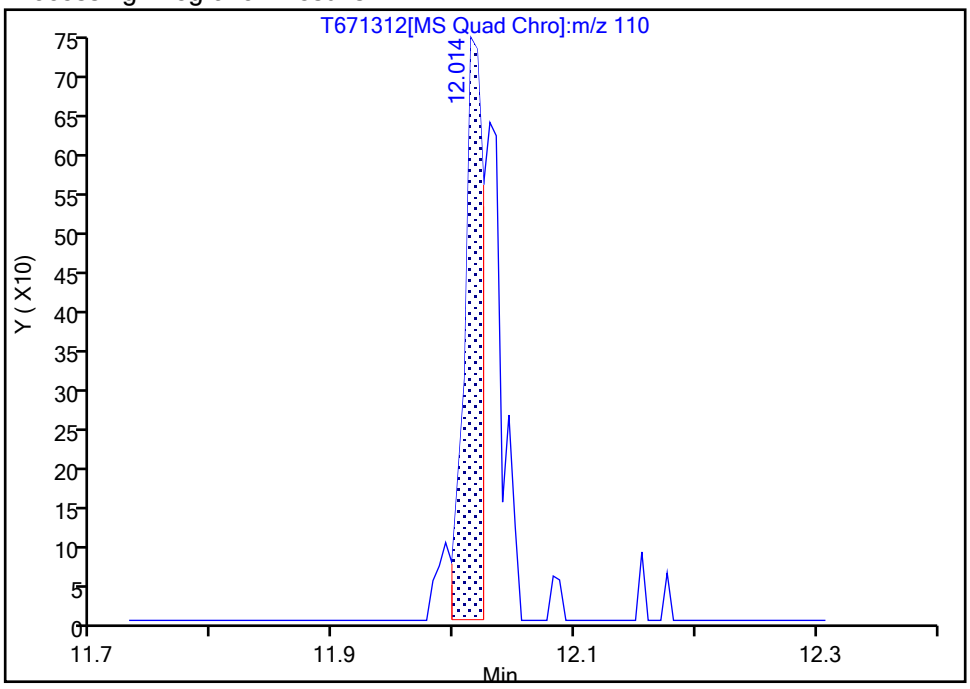
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

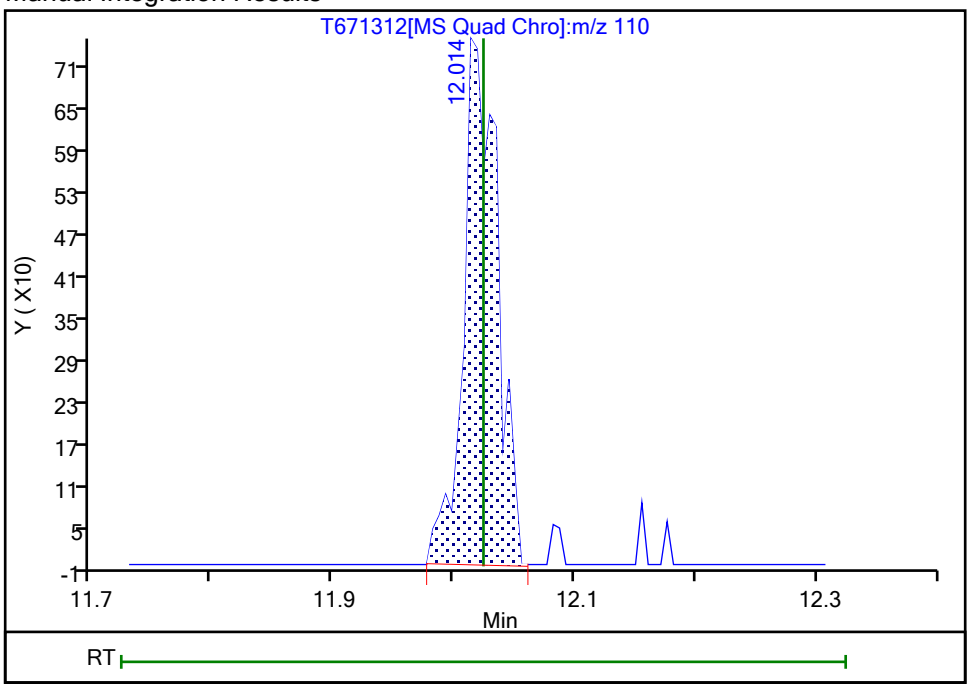
Processing Integration Results

RT: 12.01
Area: 824
Amount: 0.698894
Amount Units: ug/l



Manual Integration Results

RT: 12.01
Area: 1459
Amount: 1.099953
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 27-Oct-2023 13:17:34 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0167990-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:05 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: PUV6 Date: 27-Oct-2023 15:34:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	46	2001	5.00	10.1	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	91	7418	5.00	8.02	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	9717	5.00	5.77	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	24526	5.00	5.18	
5 Chlorodifluoromethane	67	1.480	1.475	0.005	76	3986	5.00	5.97	
6 Chloromethane	50	1.627	1.632	-0.005	99	25769	5.00	5.58	
7 Vinyl chloride	62	1.722	1.721	0.001	98	32086	5.00	5.49	
8 Butadiene	54	1.748	1.748	0.000	91	29365	5.00	5.38	
9 Bromomethane	94	2.020	2.020	0.000	98	21416	5.00	5.87	
10 Chloroethane	64	2.110	2.109	0.001	100	14735	5.00	4.89	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	42952	5.00	5.40	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	95	34400	5.00	5.12	
13 Pentane	72	2.346	2.351	-0.005	95	4386	10.0	10.1	
14 Ethanol	46	2.513	2.513	0.000	97	3759	200.0	255.5	
15 Ethyl ether	59	2.555	2.555	0.000	92	15477	5.00	5.53	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	96	11665	5.00	4.59	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	83	20257	5.00	5.46	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	95	32028	5.00	5.48	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.733	0.001	96	17795	5.00	4.83	
19 Acrolein	56	2.739	2.733	0.006	96	10931	20.0	19.4	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	97	15750	5.00	4.94	
22 Acetone	43	2.870	2.870	0.000	89	24011	25.0	28.2	
23 Iodomethane	142	2.933	2.933	0.000	97	18820	5.00	4.41	
24 Carbon disulfide	76	2.964	2.964	0.000	99	35649	5.00	5.18	
25 Isopropyl alcohol	45	2.964	2.964	0.000	41	9656	50.0	57.7	a
27 3-Chloro-1-propene	76	3.116	3.116	0.000	82	11340	5.00	5.47	
28 Methyl acetate	43	3.132	3.132	0.000	97	22830	10.0	10.8	
29 Cyclopentene	67	3.137	3.132	0.005	97	26558	5.00	4.76	
26 Acetonitrile	41	3.190	3.190	0.000	99	20658	50.0	59.9	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	96	34939	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	3.253	3.252	0.001	50	23638	5.00	5.71	
32 2-Methyl-2-propanol	59	3.316	3.315	0.001	96	18495	50.0	61.6	
35 Methyl tert-butyl ether	73	3.431	3.431	0.000	94	53238	5.00	5.62	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	83	19778	5.00	5.27	
33 Acrylonitrile	53	3.541	3.536	0.005	92	66333	50.0	58.3	
36 Hexane	57	3.630	3.635	-0.005	87	14291	5.00	4.94	
40 Isopropyl ether	45	3.866	3.866	0.000	94	53577	5.00	5.47	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	33668	5.00	5.18	
38 Vinyl acetate	86	3.924	3.918	0.006	99	7849	10.0	11.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	85	16090	5.00	5.01	
41 Tert-butyl ethyl ether	59	4.223	4.222	0.001	90	50893	5.00	5.52	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	81	259849	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	52	8189	5.00	5.22	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	90	24793	5.00	5.33	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	11702	25.0	29.7	
47 Ethyl acetate	70	4.516	4.516	0.000	96	3830	10.0	11.4	
48 Methyl acrylate	55	4.574	4.574	0.000	99	15393	5.00	5.73	
46 Propionitrile	54	4.658	4.658	0.000	98	26117	50.0	57.0	
49 Chlorobromomethane	128	4.736	4.742	-0.006	73	14121	5.00	5.93	
51 Tetrahydrofuran	72	4.752	4.742	0.010	47	5182	10.0	11.7	
50 Methacrylonitrile	67	4.773	4.773	0.000	87	81008	50.0	54.0	
52 Chloroform	83	4.805	4.804	0.001	98	39702	5.00	5.45	
55 Cyclohexane	84	4.951	4.941	0.010	83	22265	5.00	4.89	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	71	31472	5.00	5.21	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	175220	50.0	49.5	
56 Carbon tetrachloride	117	5.103	5.098	0.005	89	27232	5.00	4.99	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	94	24011	5.00	5.06	
59 Isobutyl alcohol	43	5.297	5.292	0.005	93	21175	125.0	135.7	M
62 Isooctane	57	5.329	5.339	-0.010	97	36501	5.00	5.01	a
60 Benzene	78	5.366	5.365	0.001	93	77855	5.00	5.44	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.386	0.001	96	156719	50.0	50.4	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	83	53934	5.00	5.58	
63 Isopropyl acetate	61	5.449	5.455	-0.006	85	9947	5.00	5.77	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	92	23510	5.00	5.40	
66 n-Heptane	43	5.554	5.554	0.000	84	12012	5.00	5.10	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	576577	50.0	50.0	
68 n-Butanol	56	6.073	6.079	-0.005	83	9928	125.0	135.2	
67 Trichloroethene	95	6.115	6.120	-0.005	92	21138	5.00	5.17	
70 Methylcyclohexane	83	6.262	6.262	0.000	87	23508	5.00	4.81	
69 Ethyl acrylate	55	6.273	6.273	0.001	95	35315	5.00	5.19	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	20906	5.00	5.42	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	31010	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.566	-0.005	82	10473	10.0	11.1	
74 1,4-Dioxane	88	6.608	6.603	0.005	40	4639	100.0	107.4	
72 Dibromomethane	93	6.608	6.608	0.000	92	15586	5.00	5.78	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	20664	5.00	5.54	
77 Dichlorobromomethane	83	6.792	6.792	0.000	93	29876	5.00	5.48	
78 2-Nitropropane	41	7.206	7.201	0.005	88	8474	10.0	12.2	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	81	2619	5.01	5.47	
80 Epichlorohydrin	57	7.326	7.326	0.000	97	33715	100.0	119.8	
81 cis-1,3-Dichloropropene	75	7.389	7.395	-0.006	83	35681	5.00	5.59	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	68286	25.0	28.6	

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	7.683	7.683	0.000	99	604831	50.0	50.9	
84 Toluene	91	7.772	7.777	-0.005	93	88113	5.00	5.39	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	91	31857	5.00	5.76	
86 Ethyl methacrylate	69	8.260	8.254	0.006	84	22143	5.00	5.60	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	93	18176	5.00	6.00	
88 Tetrachloroethene	166	8.501	8.506	-0.005	92	24947	5.00	5.33	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	86	32621	5.00	5.85	
90 2-Hexanone	43	8.805	8.810	-0.005	94	48378	25.0	29.0	
93 n-Butyl acetate	43	8.952	8.957	-0.005	97	22608	5.00	5.65	
91 Chlorodibromomethane	129	8.983	8.983	0.000	94	24855	5.00	5.57	
92 Ethylene Dibromide	107	9.167	9.167	0.000	92	21855	5.00	5.87	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	475610	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	63859	5.00	5.69	
97 Ethylbenzene	106	10.016	10.021	-0.005	97	32570	5.00	5.42	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.037	-0.005	51	24695	5.00	5.51	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	90	38721	5.00	5.49	
99 o-Xylene	106	10.855	10.860	-0.005	95	39047	5.00	5.48	
101 n-Butyl acrylate	73	10.876	10.871	0.005	87	14420	5.00	5.47	
100 Styrene	104	10.908	10.907	0.001	96	65104	5.00	5.56	
102 Bromoform	173	11.227	11.222	0.005	94	17228	5.00	5.50	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	25305	5.00	5.62	
104 Isopropylbenzene	105	11.432	11.432	0.000	95	94039	5.00	5.44	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	95	221164	50.0	52.0	
106 Bromobenzene	156	11.883	11.877	0.006	85	28790	5.00	5.55	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	92	23495	5.00	5.59	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	110442	5.00	5.38	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	7541	5.00	5.66	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	90	4678	5.00	5.45	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	74236	5.00	5.50	
112 4-Ethyltoluene	105	12.150	12.155	-0.005	99	92369	5.00	5.41	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	75838	5.00	5.48	
113 4-Chlorotoluene	91	12.271	12.276	-0.005	96	74627	5.00	5.50	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	23550	5.00	5.27	
116 tert-Butylbenzene	119	12.601	12.601	0.000	94	63256	5.00	5.27	
117 1,2,4-Trimethylbenzene	105	12.674	12.680	-0.006	97	77749	5.00	5.36	
118 sec-Butylbenzene	105	12.847	12.847	0.000	98	88653	5.00	5.24	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	47530	5.00	5.23	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	93	75620	5.00	5.17	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	259259	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	93	50760	5.00	5.57	
123 1,2,3-Trimethylbenzene	105	13.131	13.130	0.001	96	78116	5.00	5.47	
124 Benzyl chloride	91	13.262	13.262	0.000	99	44028	5.00	5.52	
125 2,3-Dihydroindene	117	13.330	13.324	0.006	90	77900	5.00	5.51	
127 p-Diethylbenzene	119	13.408	13.408	0.000	92	44495	5.00	5.14	
128 n-Butylbenzene	92	13.435	13.429	0.006	97	35702	5.00	5.07	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	44316	5.00	5.53	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.142	0.001	97	60320	5.00	5.24	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	78	5182	5.00	5.62	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	96	27242	5.00	5.24	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	20208	5.00	5.05	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	75	10049	5.00	5.06	
134 Naphthalene	128	15.092	15.091	0.001	99	41252	5.00	5.23	

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	15.280	15.280	0.000	94	15573	5.00	5.42	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 137 Xylenes, Total	100				0		10.0	11.0	
S 140 Total BTEX	1				0		25.0	27.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	11.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

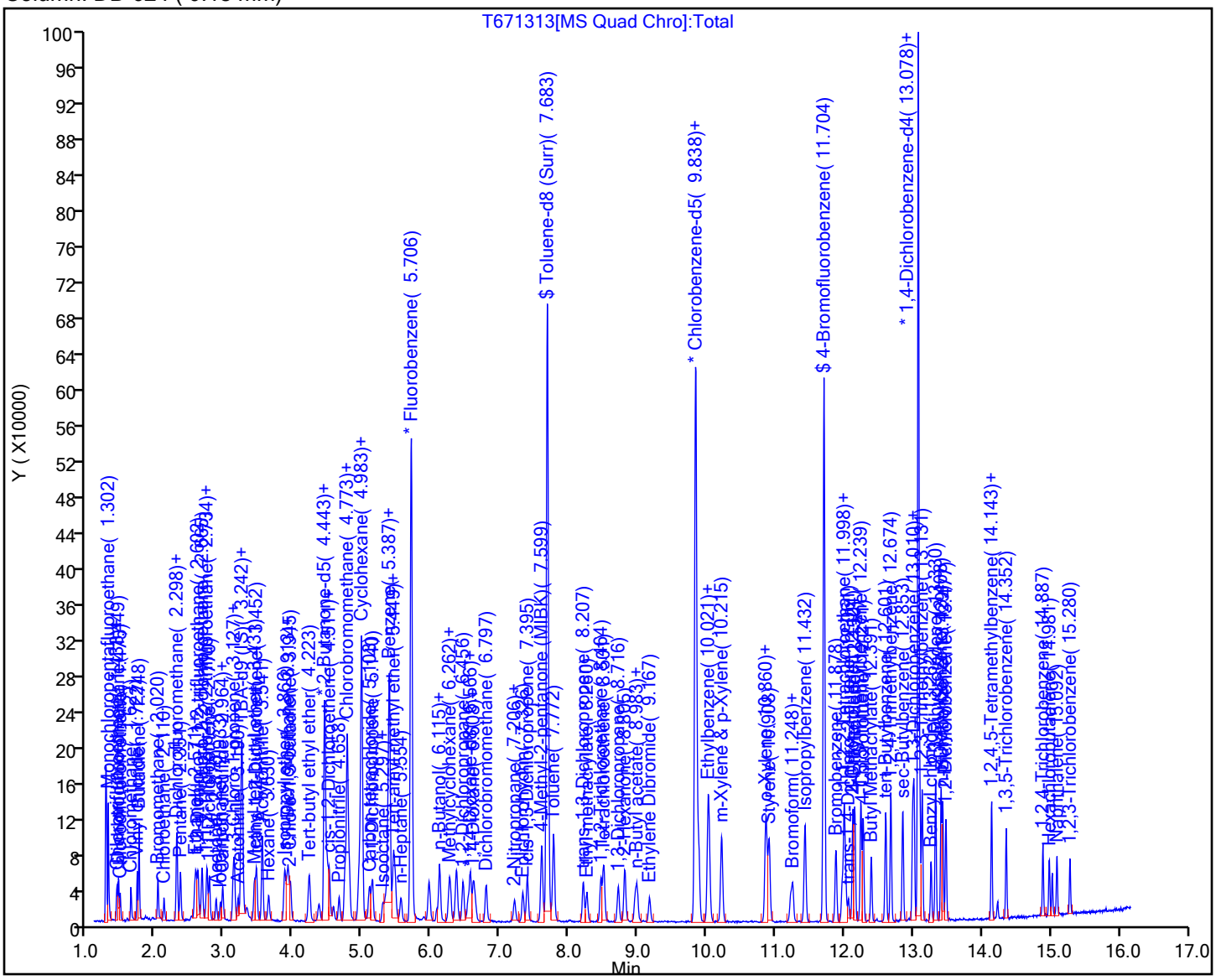
Reagents:

8260MIX1COMB_00177	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 10.00	Units: uL		
ACROLEIN W_00161	Amount Added: 4.00	Units: uL		
524FREONS_00009	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 10.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 28-Oct-2023 10:44:05 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

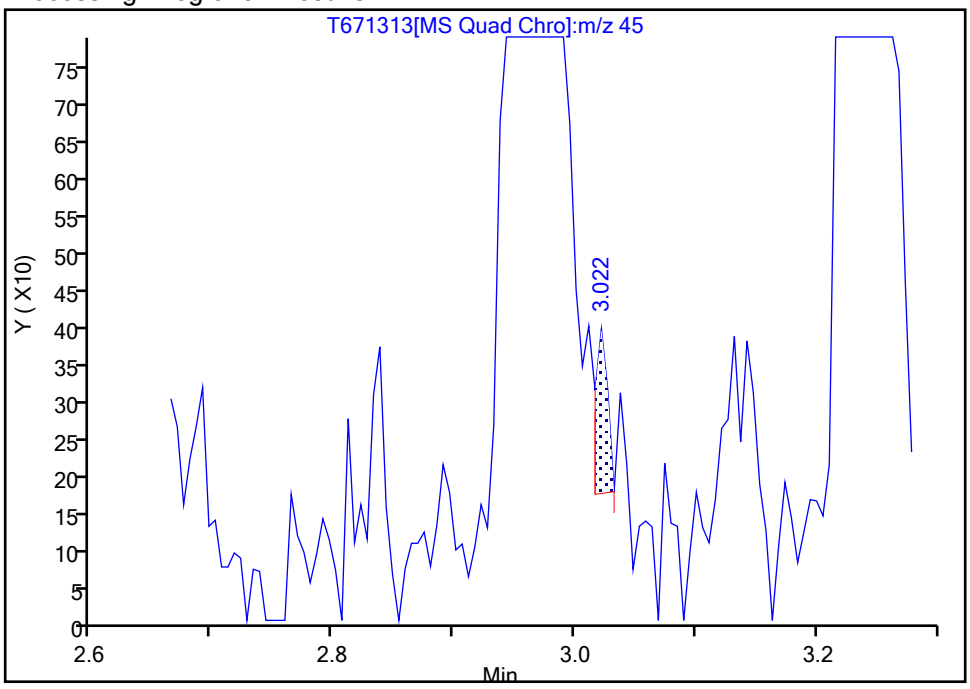
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Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

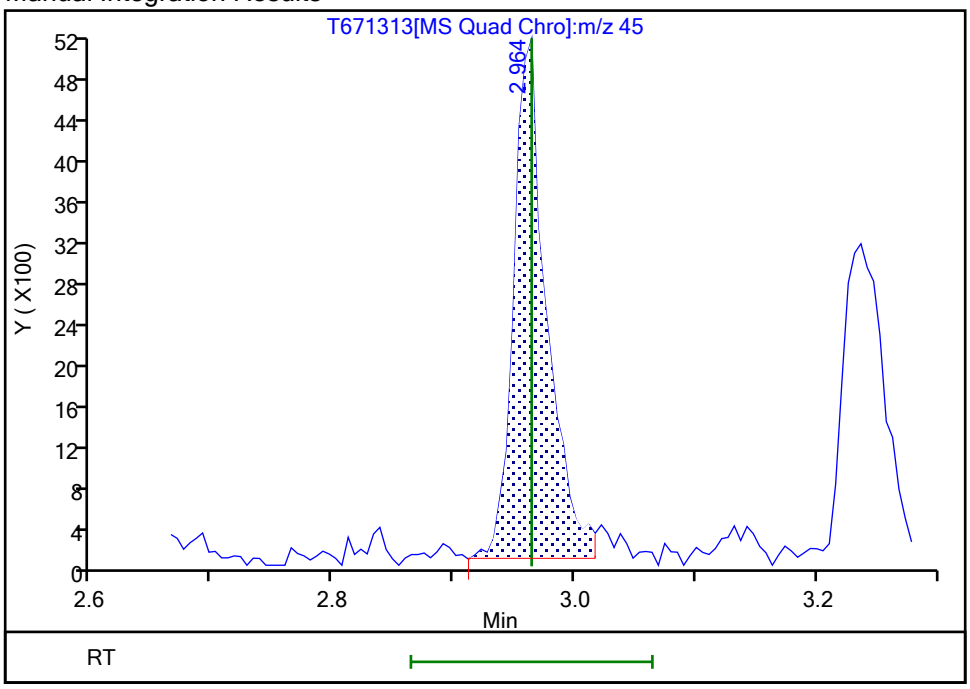
Processing Integration Results

RT: 3.02
Area: 158
Amount: 1.404660
Amount Units: ug/l



Manual Integration Results

RT: 2.96
Area: 9656
Amount: 57.744710
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:32:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

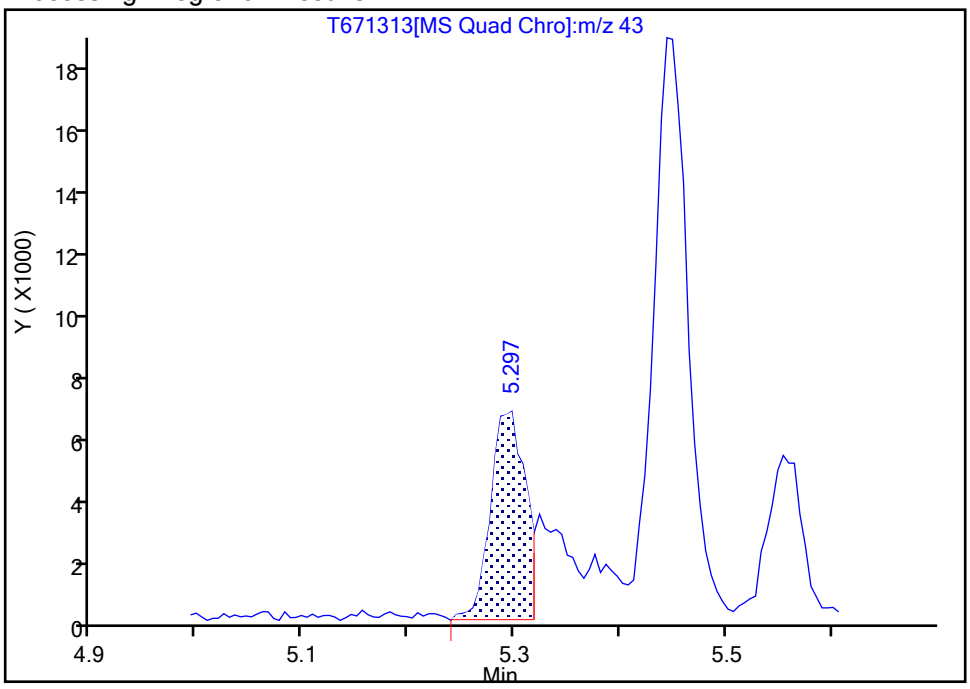
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

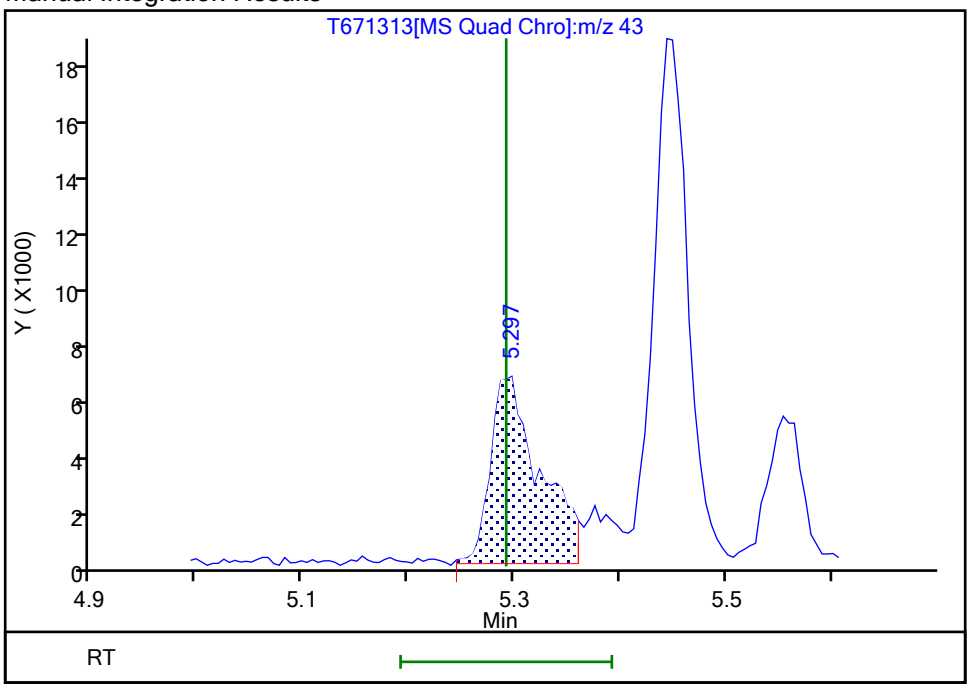
Processing Integration Results

RT: 5.30
Area: 15042
Amount: 107.2749
Amount Units: ug/l



Manual Integration Results

RT: 5.30
Area: 21175
Amount: 135.6598
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

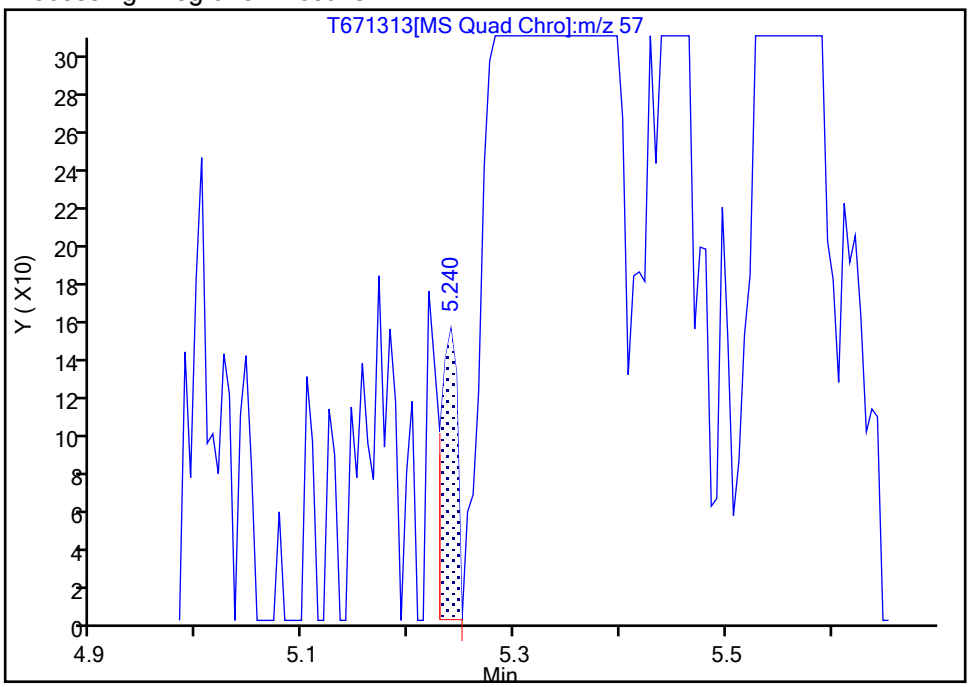
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

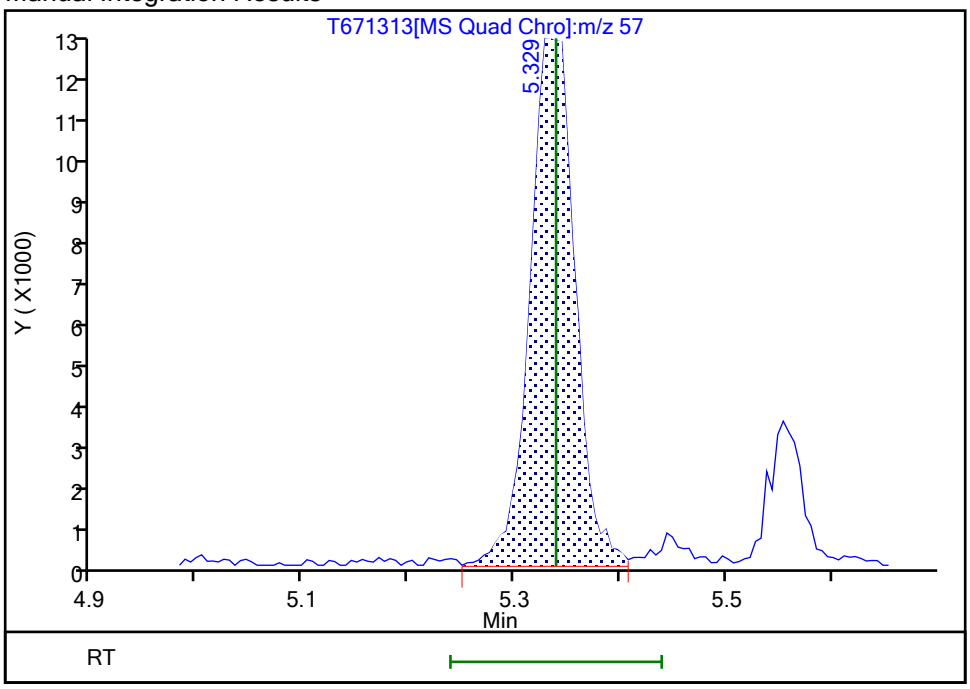
Processing Integration Results

RT: 5.24
Area: 163
Amount: 0.026747
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 36501
Amount: 5.008807
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:35:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 27-Oct-2023 13:40:15 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0167990-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:23 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:37:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	61	6427	20.0	31.4	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	92	27879	20.0	29.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	34768	20.0	19.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	92151	20.0	18.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	78	13873	20.0	20.0	
6 Chloromethane	50	1.632	1.632	0.000	99	88389	20.0	18.4	
7 Vinyl chloride	62	1.721	1.721	0.000	99	119730	20.0	19.7	
8 Butadiene	54	1.748	1.748	0.000	92	112959	20.0	20.6	
9 Bromomethane	94	2.020	2.020	0.000	98	74051	20.0	19.6	M
10 Chloroethane	64	2.109	2.109	0.000	96	59244	20.0	18.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	149714	20.0	18.1	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	94	132797	20.0	19.1	
13 Pentane	72	2.351	2.351	0.000	96	16927	40.0	37.7	
14 Ethanol	46	2.513	2.513	0.000	98	12975	800.0	784.0	
15 Ethyl ether	59	2.555	2.555	0.000	91	49942	20.0	17.2	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	93	49600	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	91	74024	20.0	19.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	88	114424	20.0	18.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	96	75754	20.0	19.8	
19 Acrolein	56	2.733	2.733	0.000	53	22194	40.0	37.9	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	97	60946	20.0	18.4	
22 Acetone	43	2.870	2.870	0.000	88	80825	100.0	88.6	
23 Iodomethane	142	2.933	2.933	0.000	98	92294	20.0	19.2	
24 Carbon disulfide	76	2.964	2.964	0.000	99	133056	20.0	18.6	
25 Isopropyl alcohol	45	2.964	2.964	0.000	37	34044	200.0	181.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	83	41773	20.0	19.4	
28 Methyl acetate	43	3.132	3.132	0.000	82	78103	40.0	35.6	
29 Cyclopentene	67	3.132	3.132	0.000	93	112602	20.0	19.4	
26 Acetonitrile	41	3.190	3.190	0.000	96	66720	200.0	180.3	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	97	39297	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	3.252	3.252	0.000	85	78573	20.0	18.3	
32 2-Methyl-2-propanol	59	3.315	3.315	0.000	98	59854	200.0	177.2	
35 Methyl tert-butyl ether	73	3.431	3.431	0.000	96	181448	20.0	18.5	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	77	71069	20.0	18.2	
33 Acrylonitrile	53	3.536	3.536	0.000	95	224201	200.0	189.1	
36 Hexane	57	3.635	3.635	0.000	89	59346	20.0	19.8	
40 Isopropyl ether	45	3.866	3.866	0.000	95	186980	20.0	18.4	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	94	123283	20.0	18.3	
38 Vinyl acetate	86	3.918	3.918	0.000	99	28953	40.0	40.6	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	62784	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.222	4.222	0.000	90	178591	20.0	18.7	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	89	278634	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	71	29210	20.0	17.9	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	89	88174	20.0	18.3	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	37645	100.0	89.2	
47 Ethyl acetate	70	4.516	4.516	0.000	96	12340	40.0	34.2	
48 Methyl acrylate	55	4.574	4.574	0.000	100	53486	20.0	19.2	
46 Propionitrile	54	4.658	4.658	0.000	98	90068	200.0	189.3	
49 Chlorobromomethane	128	4.742	4.742	0.000	75	46105	20.0	18.6	
51 Tetrahydrofuran	72	4.742	4.742	0.000	72	16693	40.0	37.9	
50 Methacrylonitrile	67	4.773	4.773	0.000	88	277597	200.0	178.4	
52 Chloroform	83	4.804	4.804	0.000	98	138381	20.0	18.3	
55 Cyclohexane	84	4.941	4.941	0.000	85	90169	20.0	19.1	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	116881	20.0	18.7	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	180807	50.0	49.2	
56 Carbon tetrachloride	117	5.098	5.098	0.000	97	109300	20.0	19.3	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	95	93975	20.0	19.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	96	80432	500.0	458.2	M
62 Isooctane	57	5.339	5.339	0.000	99	141957	20.0	18.8	
60 Benzene	78	5.365	5.365	0.000	96	282821	20.0	19.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.386	0.000	87	165003	50.0	51.2	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	81	182934	20.0	18.2	
63 Isopropyl acetate	61	5.455	5.455	0.000	83	32516	20.0	18.2	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	89	81215	20.0	18.0	
66 n-Heptane	43	5.554	5.554	0.000	88	48887	20.0	20.0	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	598469	50.0	50.0	
68 n-Butanol	56	6.079	6.079	0.000	85	36691	500.0	444.2	
67 Trichloroethene	95	6.120	6.120	0.000	95	78487	20.0	18.5	
70 Methylcyclohexane	83	6.262	6.262	0.000	87	97675	20.0	19.3	
69 Ethyl acrylate	55	6.273	6.273	0.000	96	132232	20.0	18.7	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	73303	20.0	18.3	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	31781	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	79	36622	40.0	37.3	
74 1,4-Dioxane	88	6.603	6.603	0.000	41	16326	400.0	369.0	
72 Dibromomethane	93	6.608	6.608	0.000	91	51281	20.0	18.3	
76 n-Propyl acetate	43	6.634	6.634	0.000	95	71795	20.0	18.5	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	103043	20.0	18.2	
78 2-Nitropropane	41	7.201	7.201	0.000	87	26636	40.0	36.8	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	79	9833	20.0	19.8	
80 Epichlorohydrin	57	7.326	7.326	0.000	99	116278	400.0	385.3	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	87	124410	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	241556	100.0	94.2	

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	7.683	7.683	0.000	98	623694	50.0	51.1	
84 Toluene	91	7.777	7.777	0.000	93	317525	20.0	18.9	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	108045	20.0	19.0	
86 Ethyl methacrylate	69	8.254	8.254	0.000	86	77238	20.0	19.0	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	94	60321	20.0	19.4	
88 Tetrachloroethene	166	8.506	8.506	0.000	97	93403	20.0	19.4	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	87	109563	20.0	19.1	
90 2-Hexanone	43	8.810	8.810	0.000	93	165084	100.0	92.2	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	76821	20.0	18.7	
91 Chlorodibromomethane	129	8.983	8.983	0.000	95	88192	20.0	19.2	
92 Ethylene Dibromide	107	9.167	9.167	0.000	97	74293	20.0	19.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	84	488492	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	220861	20.0	19.2	
97 Ethylbenzene	106	10.021	10.021	0.000	97	115422	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.037	0.000	60	86396	20.0	18.8	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	91	137465	20.0	19.0	
99 o-Xylene	106	10.860	10.860	0.000	95	136302	20.0	18.6	
101 n-Butyl acrylate	73	10.871	10.871	0.000	71	50550	20.0	18.7	
100 Styrene	104	10.907	10.907	0.000	97	231888	20.0	19.3	
102 Bromoform	173	11.222	11.222	0.000	95	59685	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	88449	20.0	19.0	
104 Isopropylbenzene	105	11.432	11.432	0.000	95	343726	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	224953	50.0	51.5	
106 Bromobenzene	156	11.877	11.877	0.000	87	100417	20.0	18.8	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	96	81909	20.0	18.9	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	406397	20.0	19.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	25618	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	95	16333	20.0	18.4	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	260828	20.0	18.7	
112 4-Ethyltoluene	105	12.155	12.155	0.000	99	338525	20.0	19.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	269045	20.0	18.9	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	263651	20.0	18.8	
115 Butyl Methacrylate	87	12.391	12.391	0.000	85	84387	20.0	18.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	233157	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	97	279110	20.0	18.7	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	334838	20.0	19.2	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	170823	20.0	18.2	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	281697	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	267442	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	173252	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.130	13.130	0.000	98	279449	20.0	19.0	
124 Benzyl chloride	91	13.262	13.262	0.000	99	158036	20.0	19.2	
125 2,3-Dihydroindene	117	13.324	13.324	0.000	90	271383	20.0	18.6	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	164936	20.0	18.5	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	133411	20.0	18.4	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	153421	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.142	0.000	97	216526	20.0	18.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	86	17187	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	97271	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	90	74111	20.0	18.0	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	80	36434	20.0	17.8	
134 Naphthalene	128	15.091	15.091	0.000	99	151122	20.0	18.6	

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	15.280	15.280	0.000	94	53838	20.0	18.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.5	
S 137 Xylenes, Total	100				0		40.0	37.6	
S 140 Total BTEX	1				0		100.0	94.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

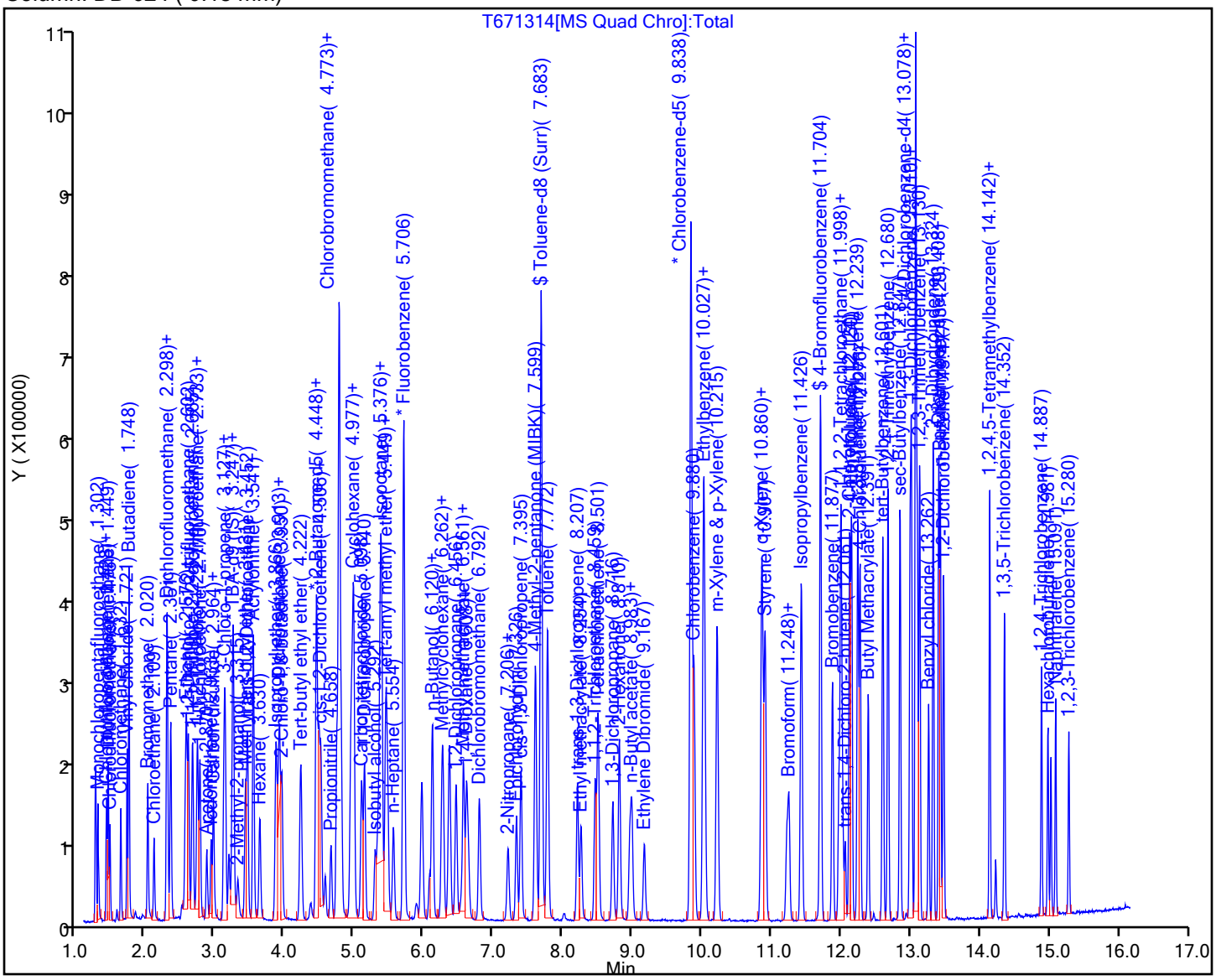
Reagents:

8260MIX1COMB_00177	Amount Added:	20.00	Units: uL	
GASES Li_00554	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00009	Amount Added:	20.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	20.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:44:23 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

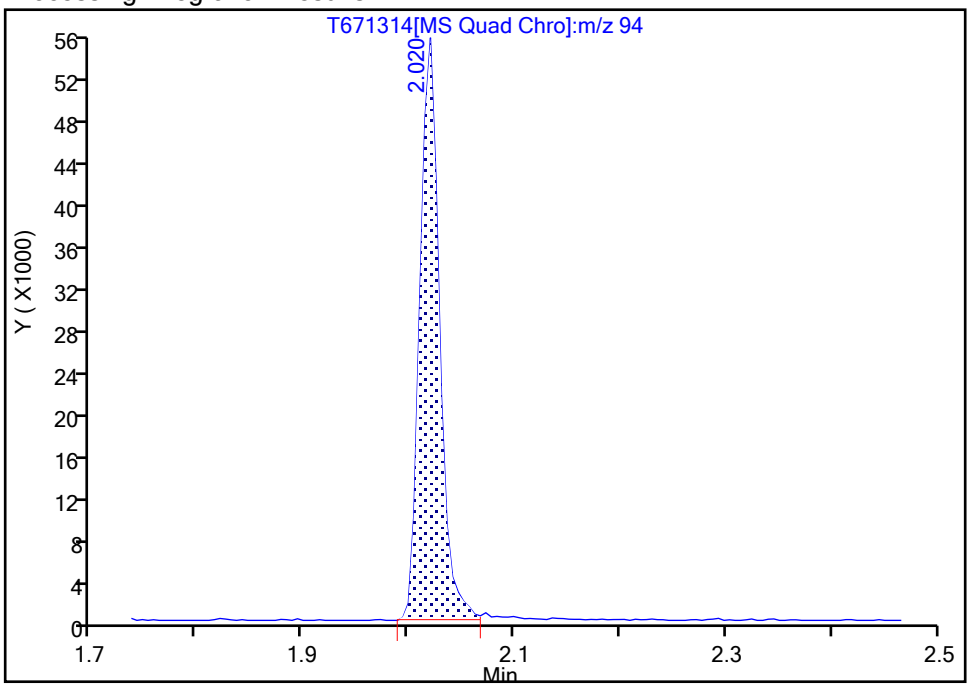
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Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

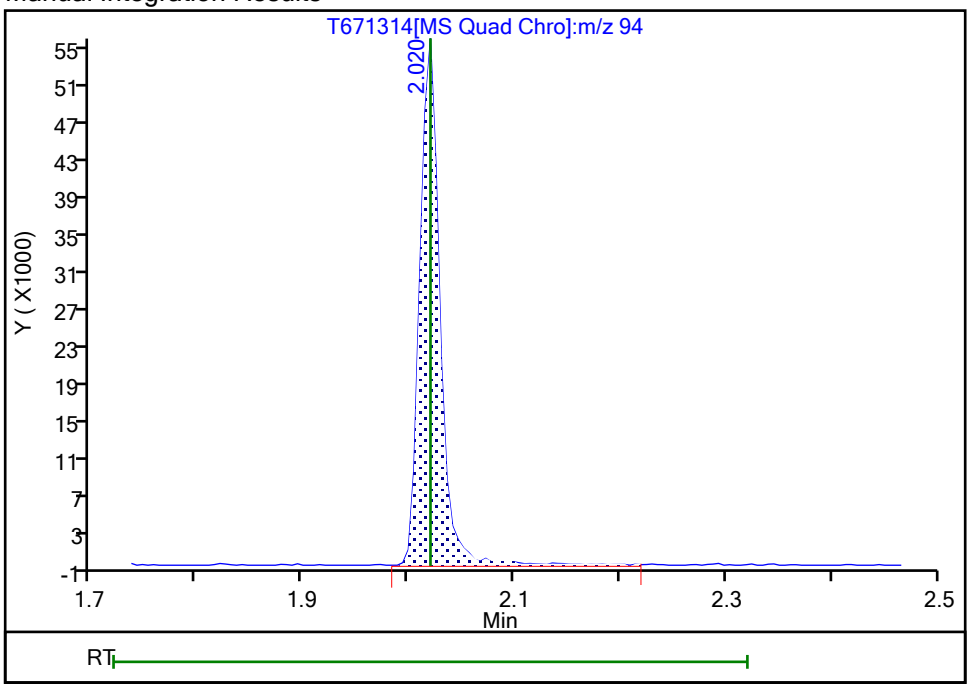
Processing Integration Results

RT: 2.02
Area: 72411
Amount: 26.534786
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 74051
Amount: 19.556465
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:45:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

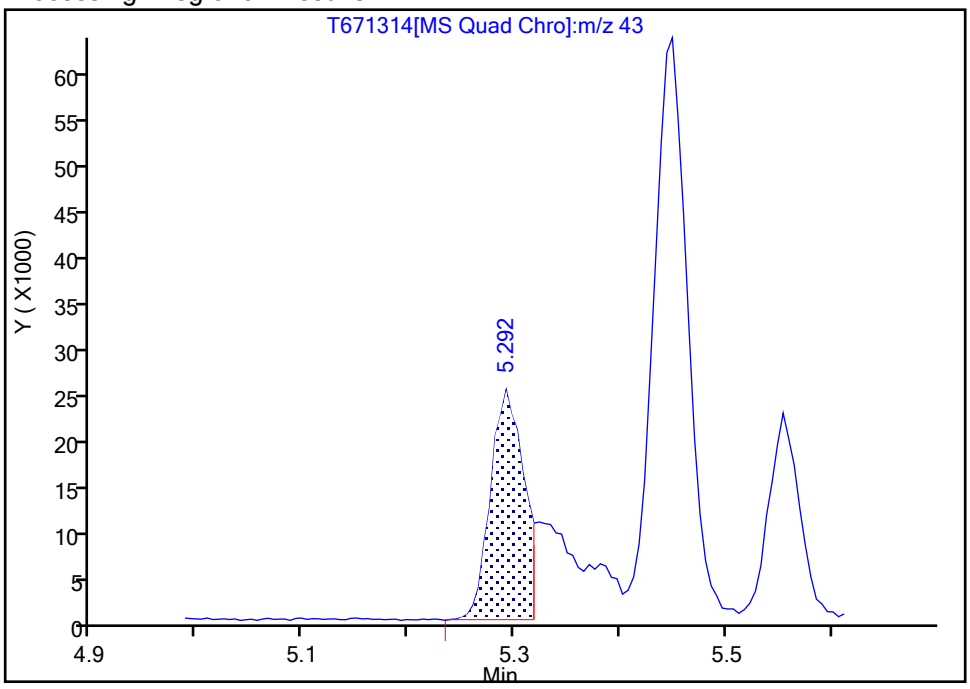
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Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

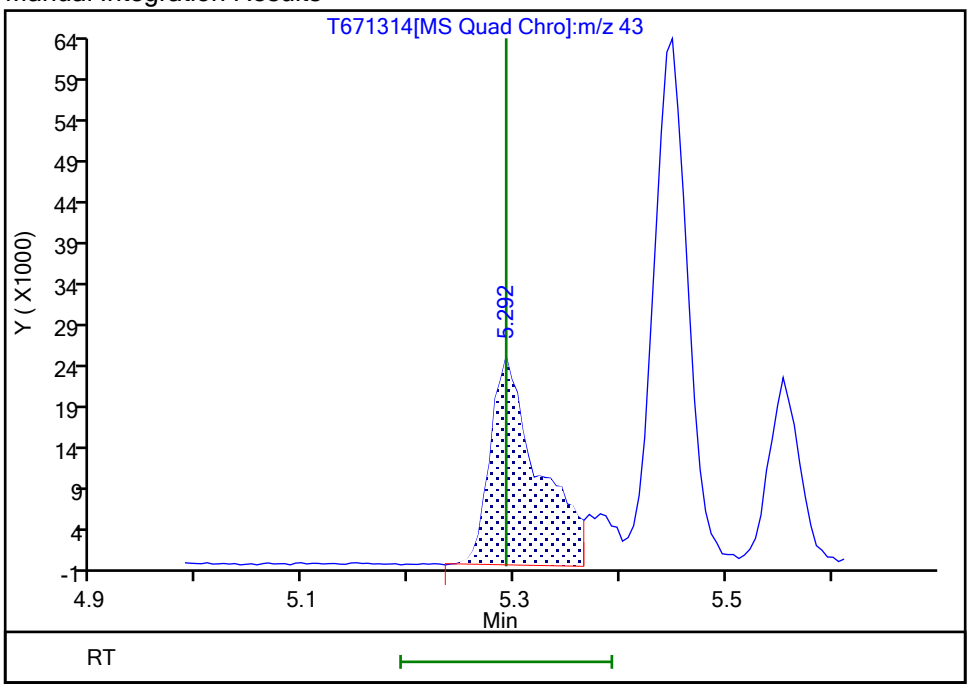
Processing Integration Results

RT: 5.29
Area: 56204
Amount: 374.9578
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 80432
Amount: 458.1502
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

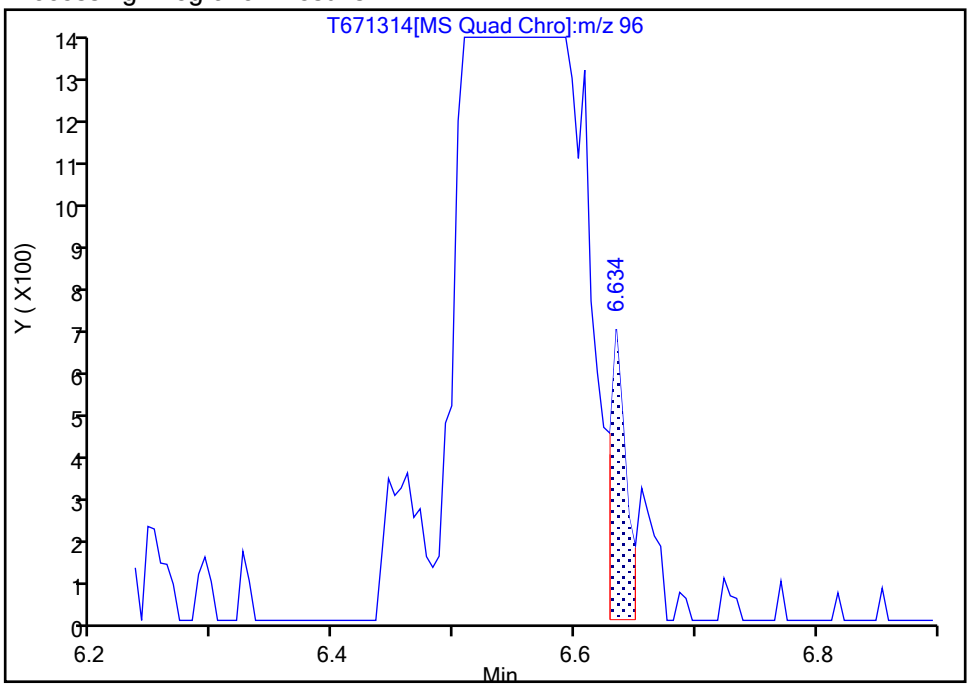
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Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

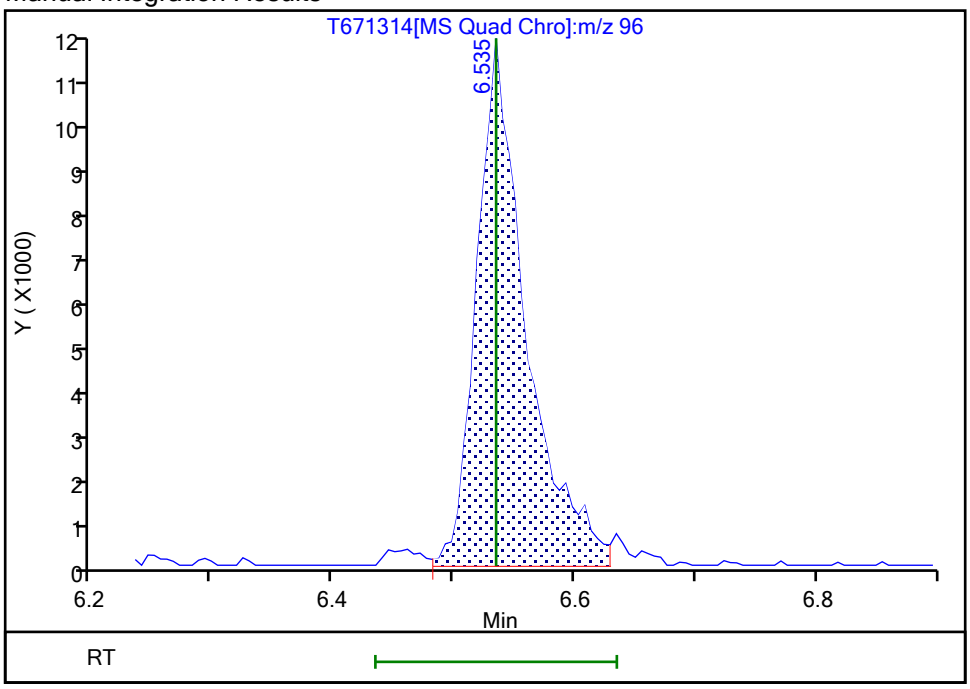
Processing Integration Results

RT: 6.63
Area: 628
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 31781
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:45:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671315.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Oct-2023 14:02:59 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0167990-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:41 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:38:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	88	15335	50.0	72.4	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	93	71932	50.0	71.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	92846	50.0	50.6	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	254309	50.0	49.3	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	33380	50.0	45.8	
6 Chloromethane	50	1.632	1.632	0.000	99	248355	50.0	49.4	
7 Vinyl chloride	62	1.722	1.722	0.000	99	321283	50.0	50.5	
8 Butadiene	54	1.748	1.748	0.000	92	303698	50.0	53.3	
9 Bromomethane	94	2.010	2.010	0.000	97	140452	50.0	35.3	M
10 Chloroethane	64	2.104	2.104	0.000	99	188913	50.0	55.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	430774	50.0	49.7	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	98	377789	50.0	51.6	
13 Pentane	72	2.351	2.351	0.000	95	46180	100.0	97.9	
14 Ethanol	46	2.513	2.513	0.000	100	32415	2000.0	1902.8	
15 Ethyl ether	59	2.555	2.555	0.000	91	132990	50.0	43.6	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	139618	50.0	50.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	83	200278	50.0	49.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	96	313914	50.0	49.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	97	204296	50.0	50.9	
19 Acrolein	56	2.734	2.734	0.000	52	57455	100.0	93.6	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	95	169123	50.0	48.7	
22 Acetone	43	2.870	2.870	0.000	88	216091	250.0	224.3	
23 Iodomethane	142	2.933	2.933	0.000	99	274312	50.0	53.6	
24 Carbon disulfide	76	2.964	2.964	0.000	99	370096	50.0	49.3	
25 Isopropyl alcohol	45	2.964	2.964	0.000	36	90119	500.0	465.5	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	85	113849	50.0	50.4	
28 Methyl acetate	43	3.127	3.127	0.000	89	218530	100.0	94.9	
29 Cyclopentene	67	3.132	3.132	0.000	93	304979	50.0	50.1	
26 Acetonitrile	41	3.190	3.190	0.000	99	177923	500.0	455.2	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	93	40451	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	3.253	3.253	0.000	85	213402	50.0	47.3	
32 2-Methyl-2-propanol	59	3.321	3.321	0.000	98	156280	500.0	449.6	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	507494	50.0	49.2	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	90	193046	50.0	47.2	
33 Acrylonitrile	53	3.541	3.541	0.000	94	606324	500.0	482.6	
36 Hexane	57	3.630	3.630	0.000	89	164649	50.0	52.2	
40 Isopropyl ether	45	3.866	3.866	0.000	95	516041	50.0	48.4	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	340767	50.0	48.2	
38 Vinyl acetate	86	3.918	3.918	0.000	99	74464	100.0	98.9	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	175383	50.0	50.1	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	90	497429	50.0	49.5	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	78	294353	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	89	79591	50.0	46.5	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	93	242658	50.0	47.9	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	100542	250.0	225.5	
47 Ethyl acetate	70	4.516	4.516	0.000	96	33985	100.0	89.3	
48 Methyl acrylate	55	4.574	4.574	0.000	99	142783	50.0	48.7	
46 Propionitrile	54	4.658	4.658	0.000	98	238164	500.0	476.9	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	122930	50.0	47.3	
51 Tetrahydrofuran	72	4.742	4.742	0.000	74	43483	100.0	95.4	
50 Methacrylonitrile	67	4.773	4.773	0.000	87	779196	500.0	477.0	
52 Chloroform	83	4.805	4.805	0.000	100	379796	50.0	47.9	
55 Cyclohexane	84	4.946	4.946	0.000	87	252284	50.0	50.8	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	93	328471	50.0	49.9	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	191220	50.0	49.6	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	296539	50.0	49.9	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	258380	50.0	49.9	
59 Isobutyl alcohol	43	5.292	5.292	0.000	96	208737	1250.0	1155.1	
62 Isooctane	57	5.334	5.334	0.000	99	401017	50.0	50.5	
60 Benzene	78	5.366	5.366	0.000	95	774476	50.0	49.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	74	166148	50.0	49.1	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	83	520795	50.0	49.5	
63 Isopropyl acetate	61	5.449	5.449	0.000	83	87225	50.0	46.4	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	217888	50.0	45.9	
66 n-Heptane	43	5.554	5.554	0.000	87	129536	50.0	50.5	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	628301	50.0	50.0	
68 n-Butanol	56	6.079	6.079	0.000	84	99517	1250.0	1170.4	
67 Trichloroethene	95	6.115	6.115	0.000	95	219529	50.0	49.2	
70 Methylcyclohexane	83	6.262	6.262	0.000	88	269339	50.0	50.6	
69 Ethyl acrylate	55	6.273	6.273	0.000	97	367335	50.0	49.6	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	206040	50.0	49.1	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35260	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	81	95211	100.0	92.4	
74 1,4-Dioxane	88	6.598	6.598	0.000	43	42731	1000.0	870.4	
72 Dibromomethane	93	6.608	6.608	0.000	93	139008	50.0	47.3	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	201265	50.0	49.5	
77 Dichlorobromomethane	83	6.792	6.792	0.000	95	286808	50.0	48.3	
78 2-Nitropropane	41	7.201	7.201	0.000	87	71160	100.0	93.7	
79 2-Chloroethyl vinyl ether	106	7.216	7.216	0.000	85	25599	50.1	49.1	
80 Epichlorohydrin	57	7.326	7.326	0.000	99	312893	1000.0	982.3	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	89	347641	50.0	49.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	669299	250.0	247.1	

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	7.683	7.683	0.000	98	665659	50.0	51.1	
84 Toluene	91	7.772	7.772	0.000	92	875850	50.0	48.8	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	93	300844	50.0	49.6	
86 Ethyl methacrylate	69	8.255	8.255	0.000	86	213164	50.0	49.2	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	98	163003	50.0	49.0	
88 Tetrachloroethene	166	8.501	8.501	0.000	92	256794	50.0	50.1	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	300204	50.0	49.1	
90 2-Hexanone	43	8.805	8.805	0.000	94	450967	250.0	238.4	
93 n-Butyl acetate	43	8.957	8.957	0.000	97	211419	50.0	48.2	
91 Chlorodibromomethane	129	8.989	8.989	0.000	96	247392	50.0	50.6	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	199632	50.0	48.8	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	521667	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	607441	50.0	49.3	
97 Ethylbenzene	106	10.021	10.021	0.000	97	318108	50.0	48.2	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	50	240121	50.0	48.9	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	91	383359	50.0	49.6	
99 o-Xylene	106	10.855	10.855	0.000	95	380789	50.0	48.7	
101 n-Butyl acrylate	73	10.871	10.871	0.000	71	139493	50.0	48.2	
100 Styrene	104	10.908	10.908	0.000	96	641497	50.0	49.9	
102 Bromoform	173	11.222	11.222	0.000	97	167335	50.0	48.7	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	241680	50.0	48.9	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	955961	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	236557	50.0	50.7	
106 Bromobenzene	156	11.877	11.877	0.000	87	278309	50.0	49.0	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	220591	50.0	47.9	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	1131607	50.0	50.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	67413	50.0	46.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	44218	50.0	47.0	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	724043	50.0	48.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	99	935358	50.0	50.0	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	752537	50.0	49.6	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	731650	50.0	49.2	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	246125	50.0	50.2	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	646586	50.0	49.1	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	779621	50.0	49.0	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	934612	50.0	50.4	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	482089	50.0	48.4	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	800168	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	93	284267	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	487475	50.0	48.8	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	777528	50.0	49.7	
124 Benzyl chloride	91	13.262	13.262	0.000	99	444006	50.0	50.8	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	772349	50.0	49.8	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	467373	50.0	49.2	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	382596	50.0	49.6	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	422874	50.0	48.2	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	626155	50.0	49.6	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	87	48969	50.0	48.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	283855	50.0	49.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	215884	50.0	49.2	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	104787	50.0	48.1	
134 Naphthalene	128	15.092	15.092	0.000	99	436947	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	154223	50.0	49.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	95.1	
S 137 Xylenes, Total	100				0		100.0	98.3	
S 140 Total BTEX	1				0		250.0	244.7	
S 139 1,3-Dichloropropene, Total	1				0		100.0	99.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00177	Amount Added:	50.00	Units: uL	
GASES Li_00554	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	10.00	Units: uL	
524FREONS_00009	Amount Added:	50.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	50.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:44:41 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671315.D

Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15

Lims ID: STD50

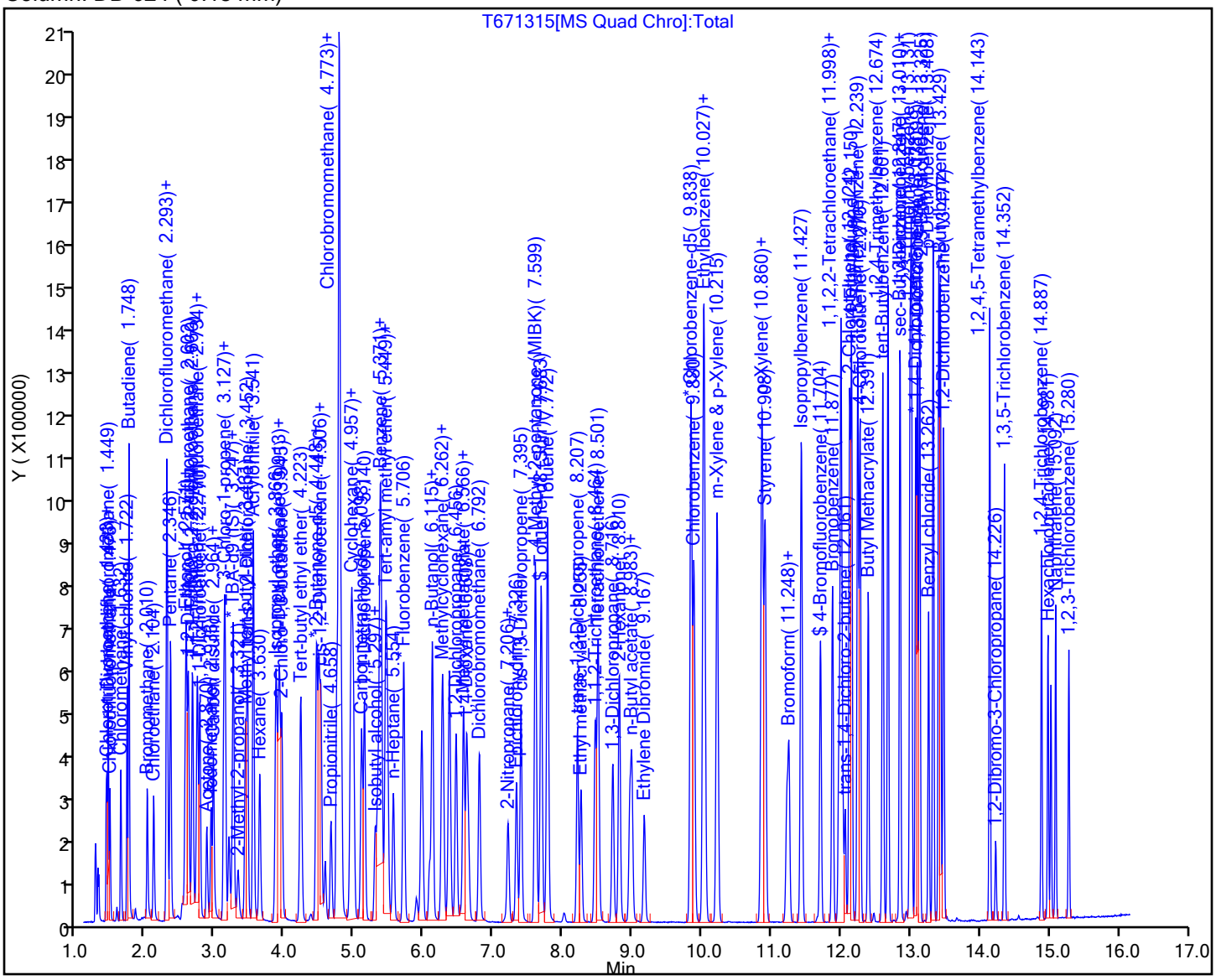
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

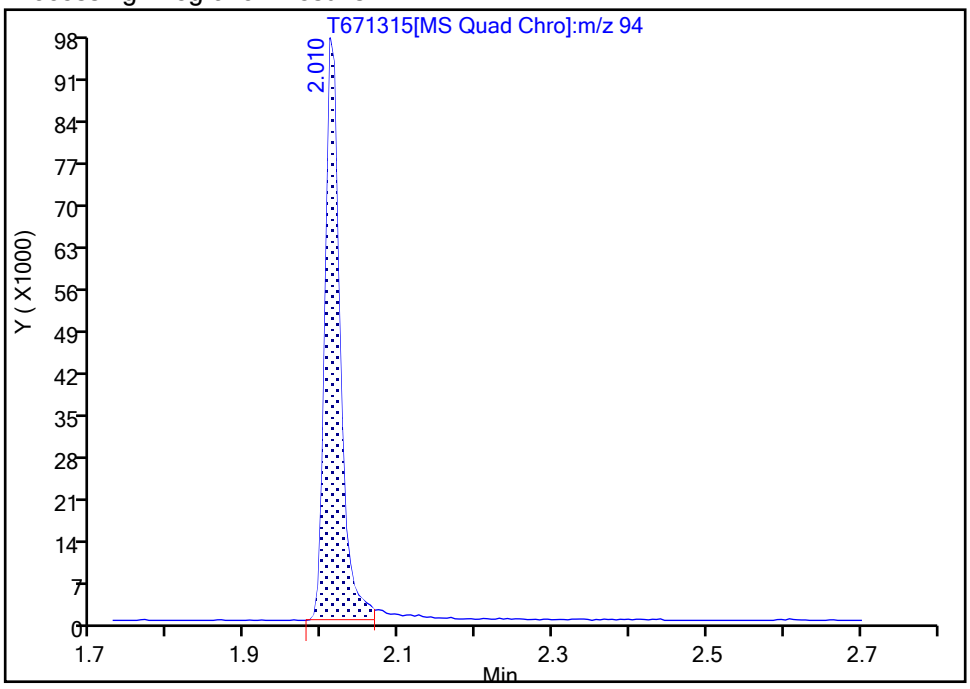
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Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

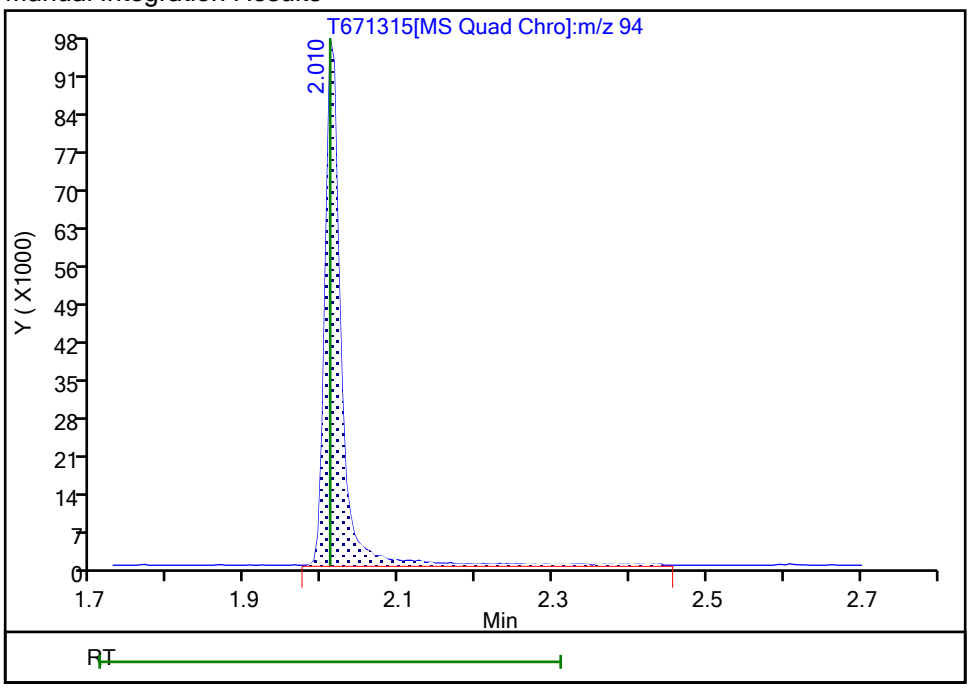
Processing Integration Results

RT: 2.01
Area: 132492
Amount: 34.277201
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 140452
Amount: 35.331435
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:46:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

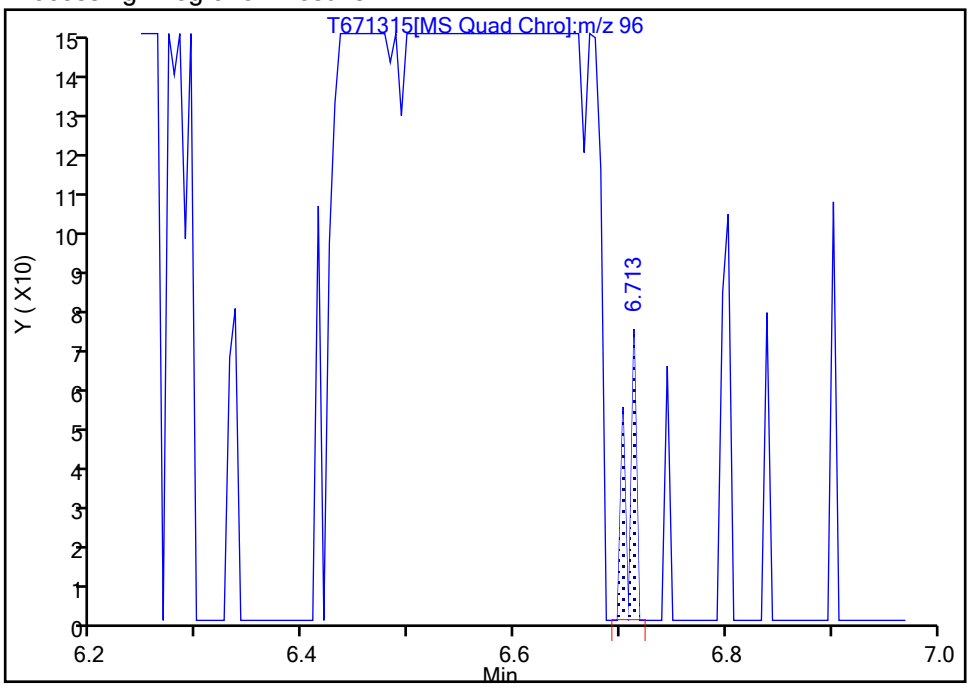
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Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

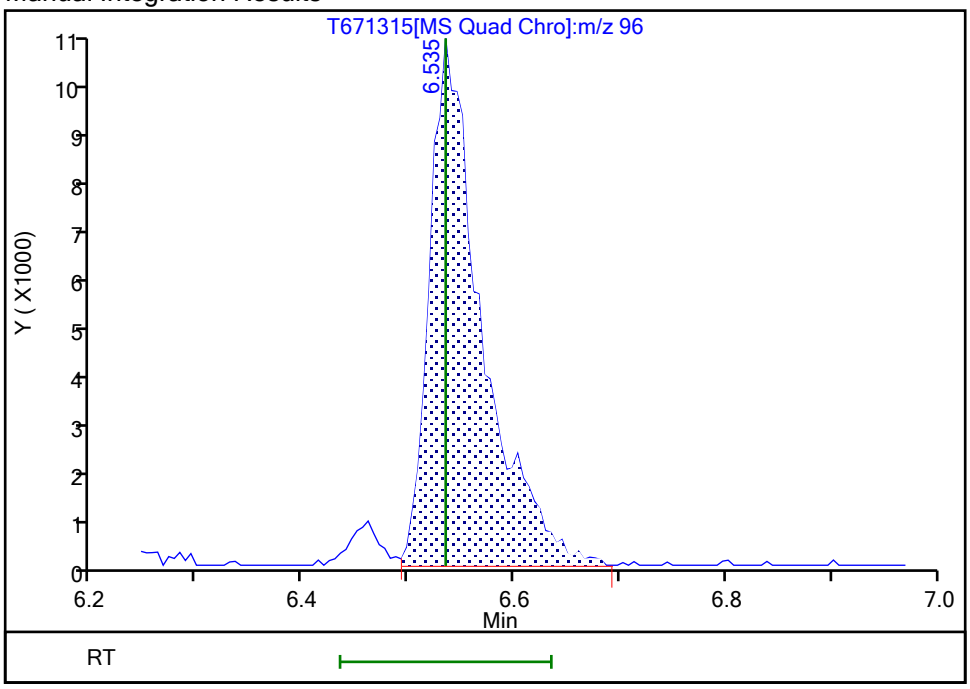
Processing Integration Results

RT: 6.71
Area: 39
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 35260
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:44:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671316.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Oct-2023 14:25:42 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0167990-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:45:00 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:44:40

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.318	1.318	0.000	90	40017	200.0	188.5	
3	Chlorotrifluoroethene	116	1.423	1.423	0.000	93	196745	200.0	190.1	
2	1,1-Difluoroethane	65	1.433	1.433	0.000	95	330753	200.0	173.4	
4	Dichlorodifluoromethane	85	1.449	1.449	0.000	100	1062953	200.0	198.3	
5	Chlorodifluoromethane	67	1.475	1.475	0.000	98	127880	200.0	168.9	
6	Chloromethane	50	1.627	1.632	-0.005	99	940014	200.0	179.7	
7	Vinyl chloride	62	1.721	1.722	-0.001	98	1218469	200.0	184.0	
8	Butadiene	54	1.748	1.748	0.000	92	1102088	200.0	186.6	
9	Bromomethane	94	2.015	2.010	0.005	98	815999	200.0	197.4	M
10	Chloroethane	64	2.109	2.104	0.005	99	659689	200.0	178.9	
11	Dichlorofluoromethane	67	2.293	2.293	0.000	97	1746662	200.0	193.9	
12	Trichlorofluoromethane	101	2.298	2.298	0.000	85	1420483	200.0	186.7	
13	Pentane	72	2.351	2.351	0.000	96	185793	400.0	378.7	
14	Ethanol	46	2.513	2.513	0.000	100	135398	8000.0	7346.5	
15	Ethyl ether	59	2.555	2.555	0.000	91	583609	200.0	184.0	
17	2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	581737	200.0	202.1	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	92	799630	200.0	190.1	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	96	1267163	200.0	191.2	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	98	817353	200.0	195.9	
19	Acrolein	56	2.739	2.734	0.005	43	129771	200.0	203.2	
20	1,1-Dichloroethene	96	2.770	2.770	0.000	96	688512	200.0	190.5	
22	Acetone	43	2.870	2.870	0.000	89	1063162	1000.0	1020.9	
23	Iodomethane	142	2.933	2.933	0.000	98	1158888	200.0	216.5	
24	Carbon disulfide	76	2.964	2.964	0.000	99	1491493	200.0	191.1	
25	Isopropyl alcohol	45	2.964	2.964	0.000	36	373189	2000.0	1781.8	
27	3-Chloro-1-propene	76	3.116	3.116	0.000	86	448792	200.0	191.0	
28	Methyl acetate	43	3.132	3.127	0.005	84	942933	400.0	393.7	
29	Cyclopentene	67	3.132	3.132	0.000	92	1269711	200.0	200.7	
26	Acetonitrile	41	3.190	3.190	0.000	99	848484	2000.0	2008.0	
* 31	TBA-d9 (IS)	66	3.247	3.242	0.005	40	43763	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	3.252	3.253	-0.001	85	895001	200.0	190.7	
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	652445	2000.0	1734.9	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	2148851	200.0	200.3	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	90	799946	200.0	188.1	
33 Acrylonitrile	53	3.541	3.541	0.000	94	2750880	2000.0	2007.2	
36 Hexane	57	3.630	3.630	0.000	89	636511	200.0	194.2	
40 Isopropyl ether	45	3.866	3.866	0.000	95	2193097	200.0	197.7	
37 1,1-Dichloroethane	63	3.903	3.897	0.006	99	1473316	200.0	200.2	
38 Vinyl acetate	86	3.918	3.918	0.000	99	323798	400.0	397.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	729295	200.0	200.5	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	90	2121888	200.0	203.0	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	56	318236	250.0	250.0	
44 2,2-Dichloropropane	97	4.458	4.453	0.005	92	337035	200.0	189.5	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	96	1038047	200.0	197.0	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	479092	1000.0	994.0	
47 Ethyl acetate	70	4.516	4.516	0.000	96	149915	400.0	364.3	
48 Methyl acrylate	55	4.574	4.574	0.000	100	606731	200.0	199.2	
46 Propionitrile	54	4.658	4.658	0.000	99	986715	2000.0	1900.0	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	525601	200.0	194.7	
51 Tetrahydrofuran	72	4.742	4.742	0.000	73	191494	400.0	392.8	
50 Methacrylonitrile	67	4.778	4.773	0.005	86	3568233	2000.0	2100.4	
52 Chloroform	83	4.804	4.805	-0.001	100	1654036	200.0	200.5	
55 Cyclohexane	84	4.946	4.946	0.000	87	1008330	200.0	195.4	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	1346344	200.0	196.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	55	199323	50.0	49.7	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	1215486	200.0	196.5	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	1070871	200.0	199.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	97	926111	5000.0	4736.9	
62 Isooctane	57	5.339	5.334	0.005	99	1689488	200.0	204.6	
60 Benzene	78	5.365	5.366	-0.001	95	3365736	200.0	196.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	46	167983	50.0	47.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	82	2254421	200.0	206.0	
63 Isopropyl acetate	61	5.449	5.449	0.000	84	387974	200.0	198.6	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	948071	200.0	192.2	
66 n-Heptane	43	5.554	5.554	0.000	88	531472	200.0	199.3	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	653365	50.0	50.0	
68 n-Butanol	56	6.079	6.079	-0.001	83	432964	5000.0	4706.8	
67 Trichloroethene	95	6.115	6.115	0.000	96	925416	200.0	199.6	
70 Methylcyclohexane	83	6.262	6.262	0.000	88	1098560	200.0	198.4	
69 Ethyl acrylate	55	6.273	6.273	-0.001	96	1560586	200.0	202.6	
71 1,2-Dichloropropane	63	6.461	6.456	0.005	94	867434	200.0	198.6	
* 73 1,4-Dioxane-d8	96	6.540	6.535	0.005	9	30057	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	81	423921	400.0	395.6	
74 1,4-Dioxane	88	6.603	6.598	0.005	40	183982	4000.0	4396.4	
72 Dibromomethane	93	6.608	6.608	0.000	92	595334	200.0	194.8	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	861829	200.0	203.9	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	1234118	200.0	199.8	
78 2-Nitropropane	41	7.201	7.201	0.000	86	307225	400.0	389.1	
79 2-Chloroethyl vinyl ether	106	7.211	7.216	-0.005	80	105212	200.5	193.9	
80 Epichlorohydrin	57	7.332	7.326	0.006	99	1374326	4000.0	4008.2	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	1501890	200.0	196.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	94	2976113	1000.0	1016.4	

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	7.683	7.683	0.000	99	700419	50.0	49.3	
84 Toluene	91	7.777	7.772	0.005	93	3823082	200.0	195.4	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	1334808	200.0	201.6	
86 Ethyl methacrylate	69	8.260	8.255	0.006	86	939525	200.0	198.7	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	97	713908	200.0	196.9	
88 Tetrachloroethene	166	8.506	8.501	0.005	98	1093699	200.0	195.4	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	1299053	200.0	194.7	
90 2-Hexanone	43	8.810	8.805	0.005	93	2051566	1000.0	1003.0	
93 n-Butyl acetate	43	8.957	8.957	0.000	99	904815	200.0	188.9	
91 Chlorodibromomethane	129	8.988	8.989	-0.001	97	1075296	200.0	201.4	
92 Ethylene Dibromide	107	9.172	9.167	0.005	98	862395	200.0	193.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	58	569078	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	98	2665662	200.0	198.5	
97 Ethylbenzene	106	10.021	10.021	0.000	97	1426281	200.0	198.3	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	56	1065077	200.0	198.7	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	96	1641646	200.0	194.6	
99 o-Xylene	106	10.860	10.855	0.005	95	1688302	200.0	198.1	
101 n-Butyl acrylate	73	10.876	10.871	0.005	86	636427	200.0	201.6	
100 Styrene	104	10.907	10.908	-0.001	97	2883431	200.0	205.7	
102 Bromoform	173	11.222	11.222	0.000	97	751217	200.0	200.6	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	1036434	200.0	191.4	
104 Isopropylbenzene	105	11.432	11.427	0.005	95	4140794	200.0	200.2	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	244333	50.0	48.0	
106 Bromobenzene	156	11.877	11.877	0.000	87	1231953	200.0	197.7	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	978684	200.0	193.7	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	4907946	200.0	198.8	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	296254	200.0	185.0	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	95	204132	200.0	197.8	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	3228321	200.0	199.0	
112 4-Ethyltoluene	105	12.155	12.150	0.005	98	4056931	200.0	197.7	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	93	3357260	200.0	201.9	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	3254337	200.0	199.5	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	1103714	200.0	205.5	
116 tert-Butylbenzene	119	12.606	12.601	0.005	93	2888558	200.0	200.3	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	97	3553102	200.0	203.9	
118 sec-Butylbenzene	105	12.853	12.847	0.006	99	4181536	200.0	205.5	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	2266954	200.0	207.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	3684154	200.0	209.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	311600	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	97	2244970	200.0	204.9	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	97	3429293	200.0	199.9	
124 Benzyl chloride	91	13.262	13.262	0.000	99	1932610	200.0	201.5	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	3502539	200.0	206.0	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	2187332	200.0	210.0	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	1753150	200.0	207.3	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	2001237	200.0	207.9	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	2922318	200.0	211.1	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	86	220785	200.0	199.3	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	1256887	200.0	201.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	1006665	200.0	209.4	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	488032	200.0	204.5	
134 Naphthalene	128	15.091	15.092	-0.001	99	2060268	200.0	217.4	

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	15.280	15.280	0.000	96	732254	200.0	212.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	385.2	
S 137 Xylenes, Total	100				0		400.0	392.7	
S 140 Total BTEX	1				0		1000.0	982.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	398.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00161	Amount Added:	20.00	Units: uL	
GAS Hi_00454	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	20.00	Units: uL	
MIX I Hi_00169	Amount Added:	20.00	Units: uL	
7 Freons Hi_00007	Amount Added:	20.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	20.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:45:01 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671316.D

Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15

Lims ID: STD200

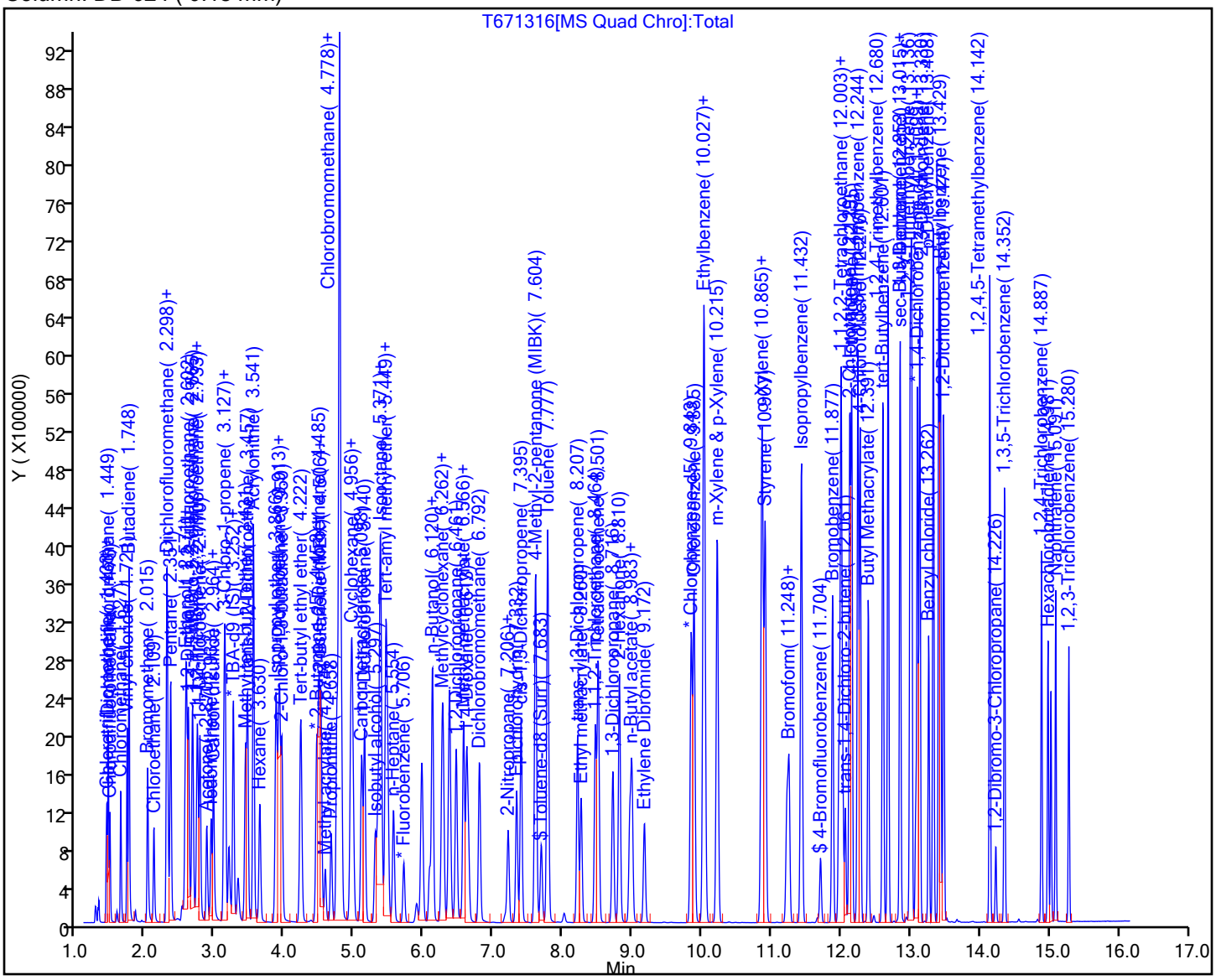
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

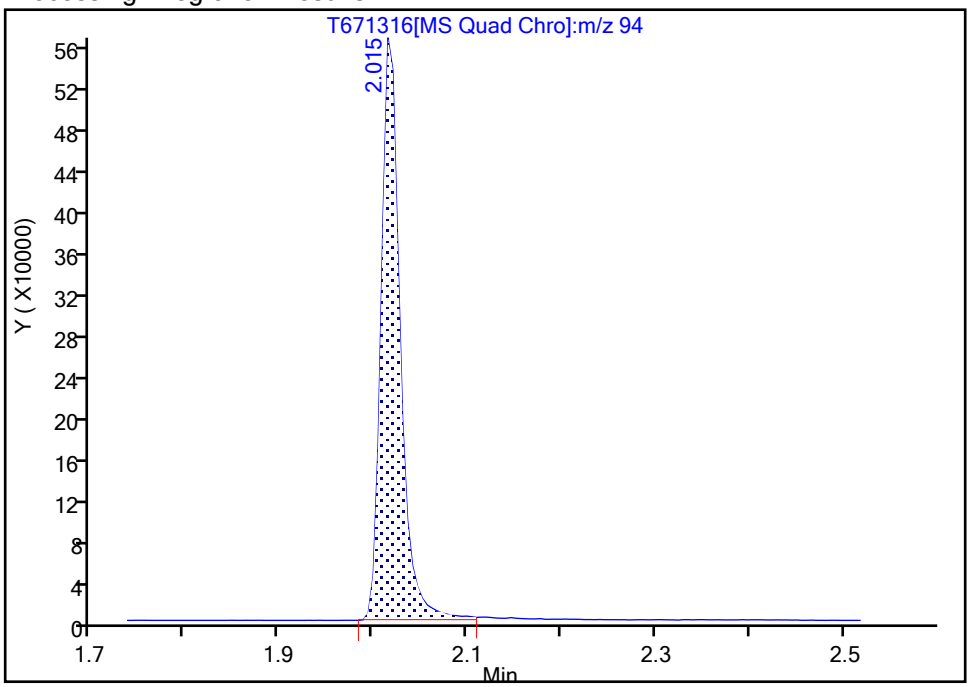
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Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

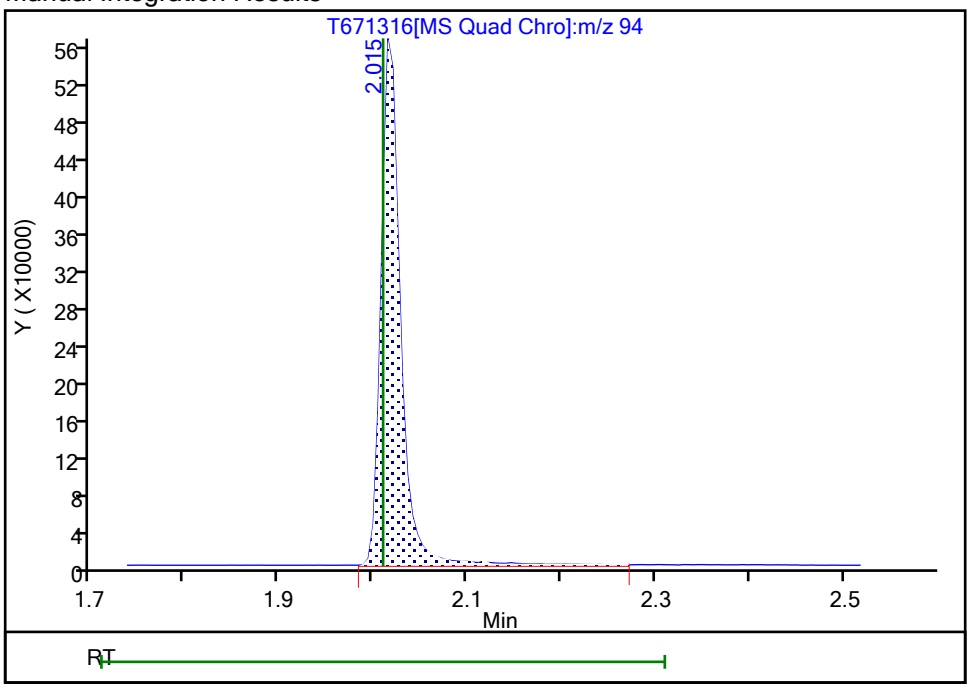
Processing Integration Results

RT: 2.02
Area: 802379
Amount: 194.7413
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 815999
Amount: 197.3944
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:17:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

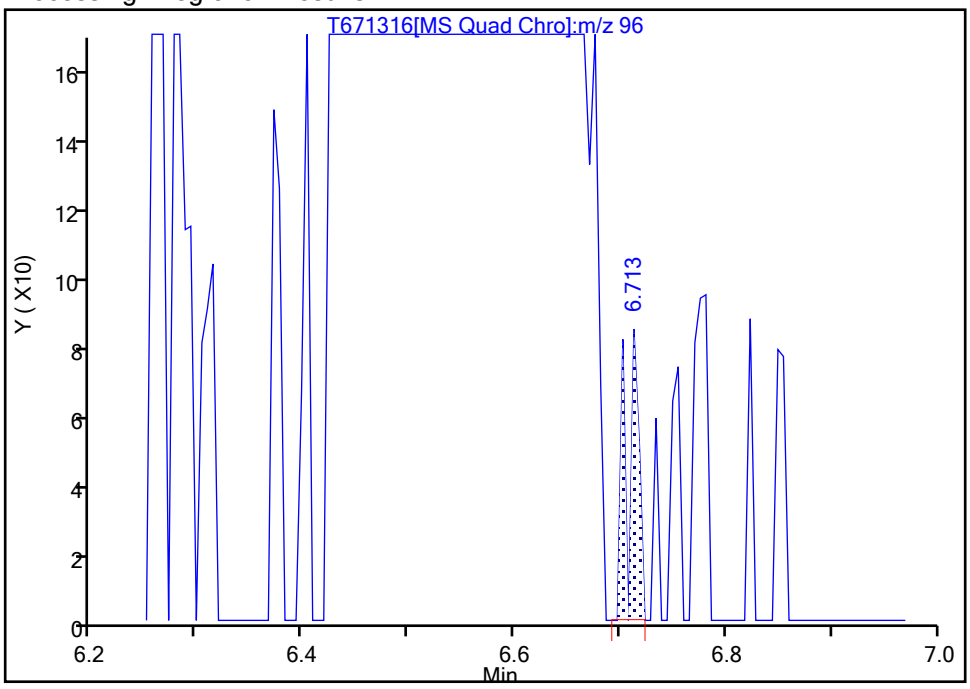
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Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

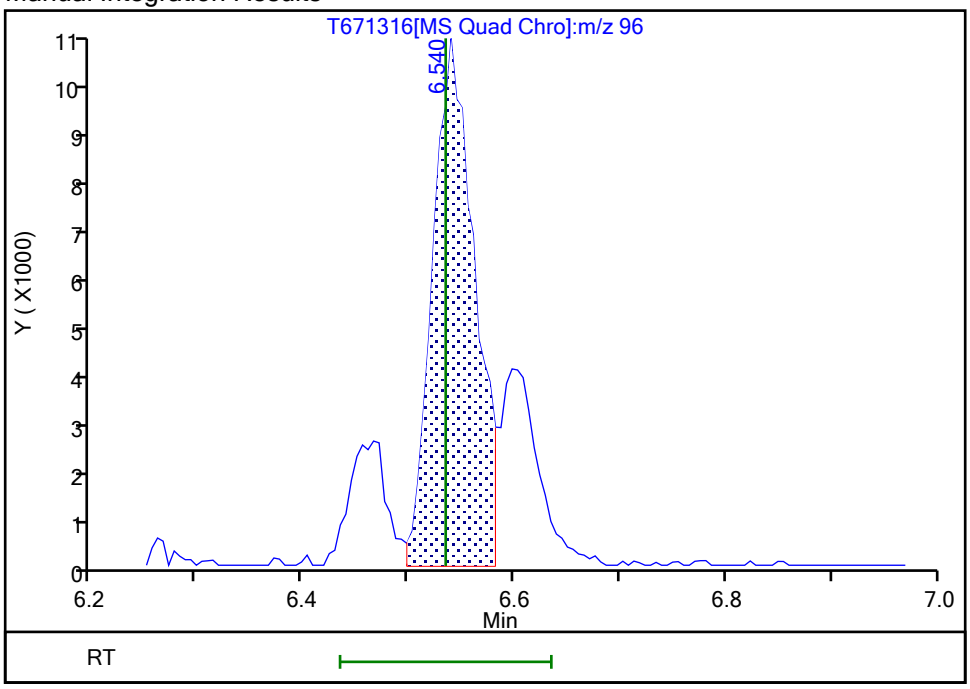
Processing Integration Results

RT: 6.71
Area: 69
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.54
Area: 30057
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:44:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Oct-2023 14:48:16 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0167990-012
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:45:18 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:48:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.318	-0.005	95	103498	500.0	502.0	
3 Chlorotrifluoroethene	116	1.418	1.423	-0.005	95	549283	500.0	501.4	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	979737	500.0	474.2	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	3161330	500.0	544.6	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	366233	500.0	446.7	
6 Chloromethane	50	1.627	1.632	-0.005	99	2952450	500.0	521.3	
7 Vinyl chloride	62	1.722	1.722	0.000	98	3491006	500.0	486.9	
8 Butadiene	54	1.748	1.748	0.000	92	3169368	500.0	495.9	
9 Bromomethane	94	2.010	2.010	0.000	97	1007819	500.0	225.1	M
10 Chloroethane	64	2.099	2.104	-0.005	99	2325861	500.0	544.3	
11 Dichlorofluoromethane	67	2.288	2.293	-0.005	97	5461965	500.0	559.9	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	97	4475632	500.0	543.1	
13 Pentane	72	2.346	2.351	-0.005	96	555801	1000.0	1046.4	
14 Ethanol	46	2.519	2.513	0.006	100	420178	20000	22486	a
15 Ethyl ether	59	2.555	2.555	0.000	91	1789249	500.0	521.0	
17 2-Methyl-1,3-butadiene	53	2.571	2.576	-0.005	95	1799904	500.0	577.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.001	92	2309194	500.0	506.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	97	3704672	500.0	516.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.734	-0.006	98	2402570	500.0	531.9	
19 Acrolein	56	2.739	2.734	0.005	41	309111	400.0	447.1	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	95	2016668	500.0	515.4	
22 Acetone	43	2.870	2.870	0.000	88	3021458	2500.0	2503.5	
23 Iodomethane	142	2.928	2.933	-0.005	99	2843725	500.0	490.0	
24 Carbon disulfide	76	2.964	2.964	0.000	99	4406476	500.0	521.4	
25 Isopropyl alcohol	45	2.975	2.964	0.011	42	1114647	5000.0	5249.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	86	1230718	500.0	483.6	
28 Methyl acetate	43	3.132	3.127	0.005	85	2832054	1000.0	1091.9	
29 Cyclopentene	67	3.132	3.132	0.000	93	3726332	500.0	543.9	
26 Acetonitrile	41	3.190	3.190	0.000	98	2474742	5000.0	5053.3	
* 31 TBA-d9 (IS)	66	3.253	3.242	0.011	30	44370	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	3.253	3.253	0.000	85	2570342	500.0	505.9	
32 2-Methyl-2-propanol	59	3.326	3.321	0.005	98	1742808	5000.0	4570.8	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	96	6311419	500.0	543.2	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	89	2437438	500.0	529.4	
33 Acrylonitrile	53	3.546	3.541	0.005	94	8097217	5000.0	4999.2	
36 Hexane	57	3.630	3.630	0.000	90	1804067	500.0	508.4	
40 Isopropyl ether	45	3.866	3.866	0.000	95	6443545	500.0	536.3	
37 1,1-Dichloroethane	63	3.903	3.897	0.006	99	4255034	500.0	534.0	
38 Vinyl acetate	86	3.924	3.918	0.006	99	910507	1000.0	965.0	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	2171358	500.0	551.4	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	91	6140019	500.0	542.6	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	50	368826	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	94	979035	500.0	508.3	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	95	3030768	500.0	531.2	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	98	1386545	2500.0	2482.1	
47 Ethyl acetate	70	4.516	4.516	0.000	96	452461	1000.0	948.6	
48 Methyl acrylate	55	4.574	4.574	0.000	100	1710892	500.0	518.7	
46 Propionitrile	54	4.668	4.658	0.010	98	2867257	5000.0	5098.7	
49 Chlorobromomethane	128	4.747	4.742	0.005	76	1482386	500.0	507.0	
51 Tetrahydrofuran	72	4.747	4.742	0.005	73	551065	1000.0	977.3	
50 Methacrylonitrile	67	4.789	4.773	0.016	82	10716072	5000.0	5825.4	
52 Chloroform	83	4.810	4.805	0.005	99	4810811	500.0	538.5	
55 Cyclohexane	84	4.946	4.946	0.000	86	2968247	500.0	531.3	
54 1,1,1-Trichloroethane	97	4.967	4.962	0.005	97	3922059	500.0	529.5	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	37	221694	50.0	51.0	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	3545744	500.0	529.4	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	3083577	500.0	529.4	
59 Isobutyl alcohol	43	5.308	5.292	0.016	93	2732406	12500	13785	
62 Isooctane	57	5.339	5.334	0.005	97	4855115	500.0	543.0	a
60 Benzene	78	5.371	5.366	0.005	95	9588875	500.0	491.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.387	0.005	43	189094	50.0	49.6	
64 Tert-amyl methyl ether	73	5.450	5.449	0.001	82	6532881	500.0	551.2	
63 Isopropyl acetate	61	5.455	5.449	0.006	83	1133146	500.0	535.7	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	2703571	500.0	506.2	
66 n-Heptane	43	5.554	5.554	0.000	88	1482189	500.0	513.2	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	707480	50.0	50.0	
68 n-Butanol	56	6.084	6.079	0.005	84	1312465	12500	14073	
67 Trichloroethene	95	6.121	6.115	0.006	95	2744695	500.0	546.8	
70 Methylcyclohexane	83	6.262	6.262	0.000	90	3154926	500.0	526.3	
69 Ethyl acrylate	55	6.273	6.273	0.000	96	4540953	500.0	544.4	
71 1,2-Dichloropropane	63	6.461	6.456	0.005	93	2464316	500.0	521.0	
* 73 1,4-Dioxane-d8	96	6.556	6.535	0.021	22	33576	1000.0	1000.0	a
75 Methyl methacrylate	100	6.572	6.566	0.006	80	1225023	1000.0	1055.7	
74 1,4-Dioxane	88	6.608	6.598	0.010	40	538491	10000	11519	
72 Dibromomethane	93	6.614	6.608	0.006	92	1649897	500.0	498.6	
76 n-Propyl acetate	43	6.640	6.634	0.006	97	2479494	500.0	541.9	
77 Dichlorobromomethane	83	6.797	6.792	0.005	98	3515086	500.0	525.5	
78 2-Nitropropane	41	7.206	7.201	0.005	85	900174	1000.0	1053.0	
79 2-Chloroethyl vinyl ether	106	7.216	7.216	0.000	80	294908	501.2	502.0	
80 Epichlorohydrin	57	7.337	7.326	0.011	99	3939031	10000	9998.9	
81 cis-1,3-Dichloropropene	75	7.400	7.395	0.005	88	4219850	500.0	485.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	93	8375202	2500.0	2468.0	

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	7.688	7.683	0.005	99	746156	50.0	46.0	
84 Toluene	91	7.777	7.772	0.005	94	10772574	500.0	482.9	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	3750113	500.0	496.9	
86 Ethyl methacrylate	69	8.260	8.255	0.006	86	2649492	500.0	491.6	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	97	1980158	500.0	479.2	
88 Tetrachloroethene	166	8.506	8.501	0.005	98	3136539	500.0	491.6	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	3552128	500.0	467.1	
90 2-Hexanone	43	8.816	8.805	0.011	93	5787412	2500.0	2441.3	
93 n-Butyl acetate	43	8.962	8.957	0.005	98	2576025	500.0	471.9	
91 Chlorodibromomethane	129	8.994	8.989	0.005	97	3024720	500.0	497.1	
92 Ethylene Dibromide	107	9.172	9.167	0.005	99	2353733	500.0	463.1	
* 94 Chlorobenzene-d5	117	9.843	9.838	0.005	42	648689	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	98	7552022	500.0	493.3	
97 Ethylbenzene	106	10.027	10.021	0.006	97	4280467	500.0	522.0	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	50	3093484	500.0	506.2	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	95	4791677	500.0	498.3	
99 o-Xylene	106	10.866	10.855	0.011	96	5069715	500.0	521.8	
101 n-Butyl acrylate	73	10.876	10.871	0.005	74	1871169	500.0	520.0	
100 Styrene	104	10.913	10.908	0.005	96	8141024	500.0	509.4	
102 Bromoform	173	11.222	11.222	0.000	97	2184423	500.0	511.6	
103 Amyl acetate (mixed isomers)	43	11.254	11.248	0.006	91	2964275	500.0	514.6	
104 Isopropylbenzene	105	11.432	11.427	0.005	95	11641852	500.0	493.9	
$ 105 4-Bromofluorobenzene	174	11.710	11.704	0.006	96	262231	50.0	45.2	
106 Bromobenzene	156	11.883	11.877	0.006	85	3561774	500.0	537.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	2812099	500.0	523.2	
110 N-Propylbenzene	91	12.003	11.998	0.005	98	13361322	500.0	508.8	
108 1,2,3-Trichloropropane	110	12.030	12.024	0.006	96	841255	500.0	493.9	
109 trans-1,4-Dichloro-2-butene	53	12.066	12.061	0.005	95	589831	500.0	537.2	
111 2-Chlorotoluene	91	12.129	12.124	0.005	95	9292992	500.0	538.4	
112 4-Ethyltoluene	105	12.155	12.150	0.005	96	11356398	500.0	520.3	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	9459727	500.0	534.8	
113 4-Chlorotoluene	91	12.281	12.276	0.005	95	9200095	500.0	530.1	
115 Butyl Methacrylate	87	12.397	12.391	0.006	83	3195465	500.0	559.2	
116 tert-Butylbenzene	119	12.606	12.601	0.005	92	8324538	500.0	542.6	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	96	9866624	500.0	532.2	
118 sec-Butylbenzene	105	12.853	12.847	0.006	97	11341852	500.0	524.1	
119 1,3-Dichlorobenzene	146	13.000	12.994	0.006	97	6640419	500.0	571.9	
122 4-Isopropyltoluene	119	13.021	13.015	0.006	94	10280439	500.0	549.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	331486	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	95	6403339	500.0	549.5	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	96	9515792	500.0	521.3	
124 Benzyl chloride	91	13.267	13.262	0.005	100	5472880	500.0	536.5	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	91	9585517	500.0	530.0	
127 p-Diethylbenzene	119	13.409	13.408	0.001	94	6403883	500.0	578.0	
128 n-Butylbenzene	92	13.435	13.429	0.006	98	5059785	500.0	562.4	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	98	5601667	500.0	547.1	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	98	8419176	500.0	571.8	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	87	629536	500.0	534.1	
131 1,3,5-Trichlorobenzene	180	14.358	14.352	0.006	96	3782217	500.0	568.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	3023673	500.0	591.3	
133 Hexachlorobutadiene	225	14.982	14.981	0.001	81	1402806	500.0	552.7	
134 Naphthalene	128	15.092	15.092	0.000	99	5890503	500.0	584.3	

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	15.280	15.280	0.000	96	2141751	500.0	583.3	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1060.7	
S 137 Xylenes, Total	100				0		1000.0	1020.1	
S 140 Total BTEX	1				0		2500.0	2516.0	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	982.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons Hi_00007	Amount Added:	50.00	Units: uL	
MIX I Hi_00169	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	50.00	Units: uL	
Ethanol mix_00082	Amount Added:	50.00	Units: uL	
GAS Hi_00454	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	40.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	50.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:45:19 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15

Lims ID: STD500

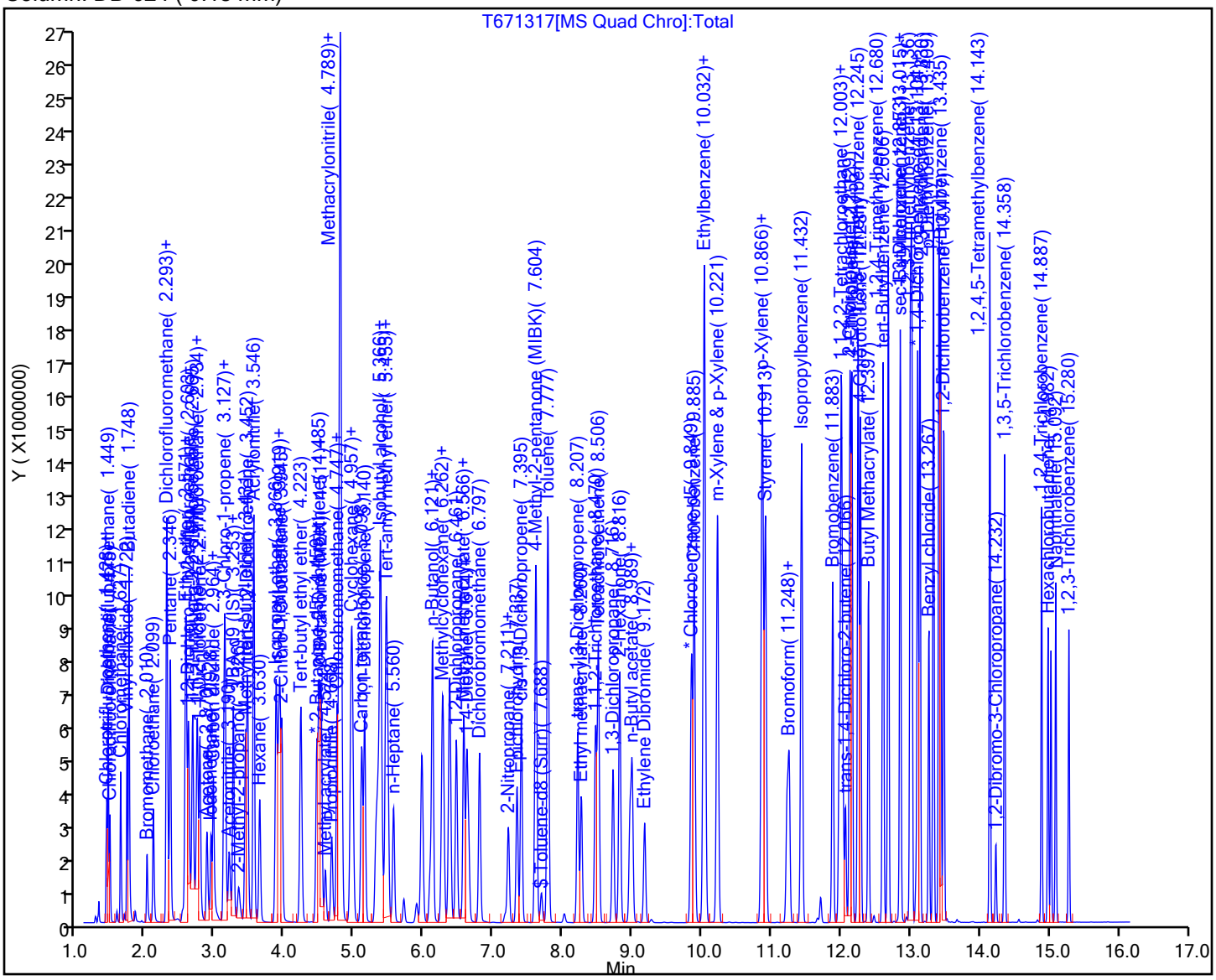
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

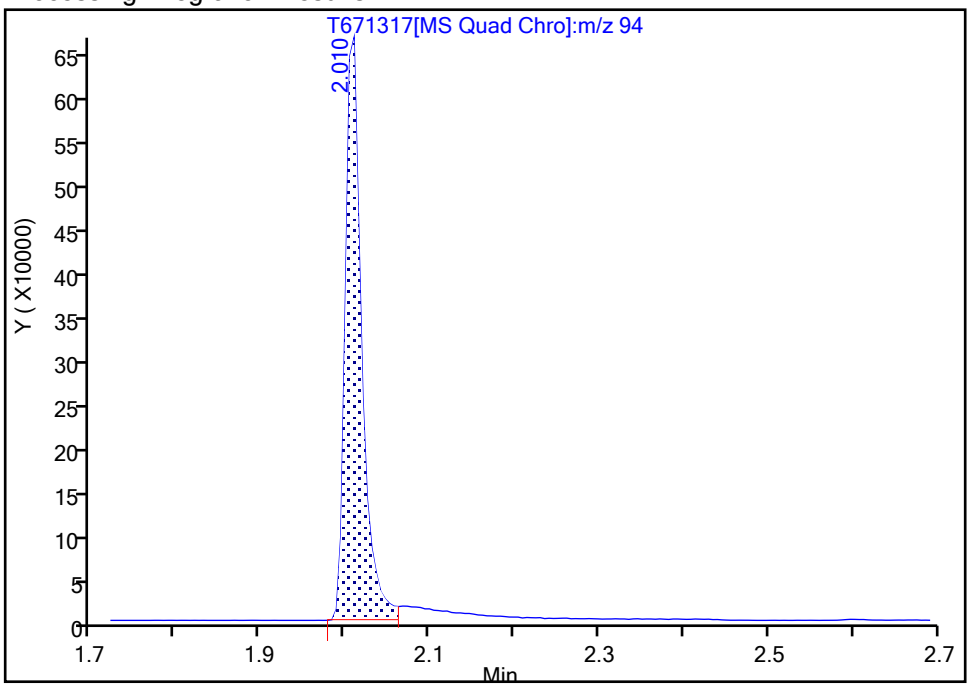
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

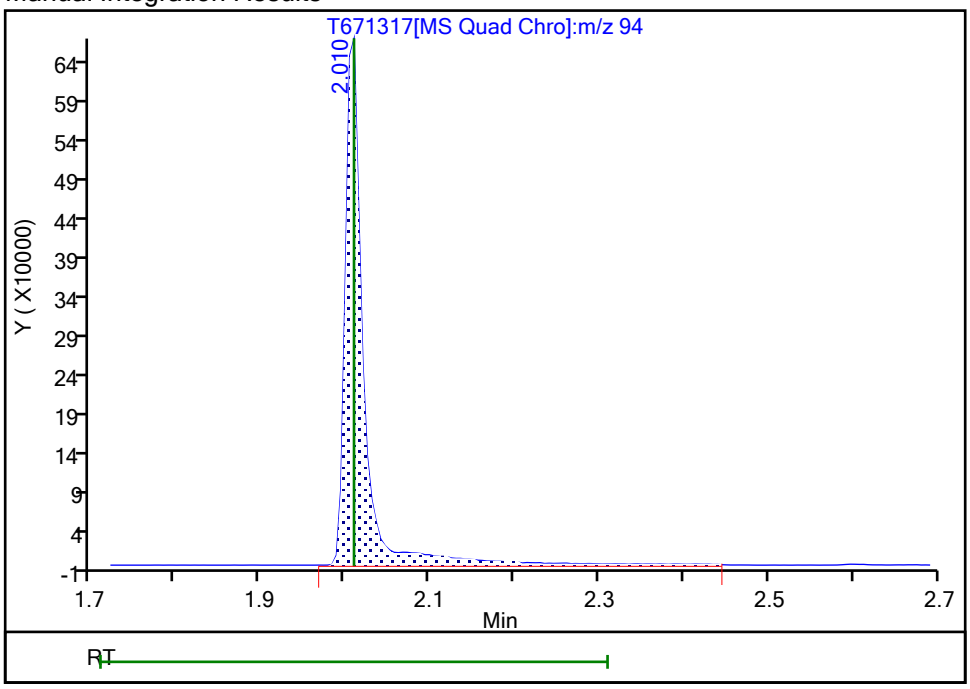
Processing Integration Results

RT: 2.01
Area: 905056
Amount: 235.7830
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 1007819
Amount: 225.1487
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:38:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

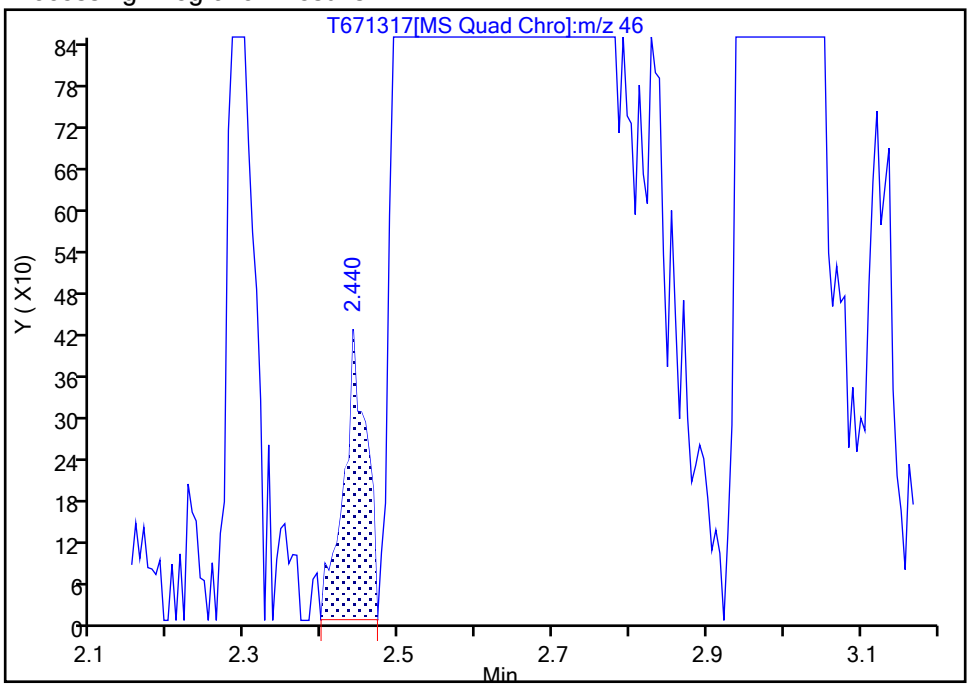
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

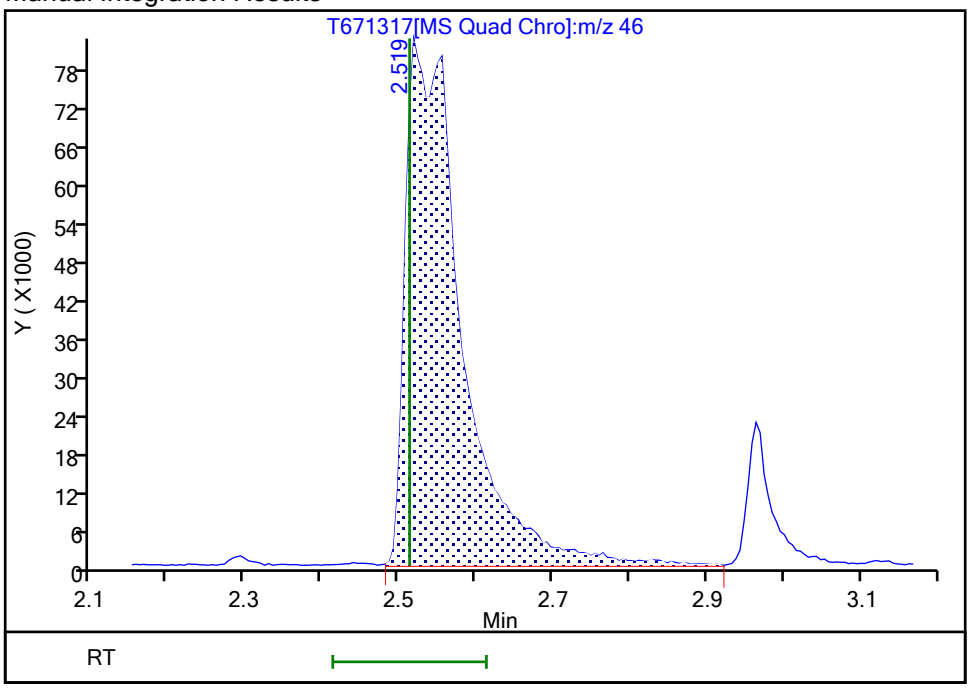
Processing Integration Results

RT: 2.44
Area: 860
Amount: 38.344777
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 420178
Amount: 22486
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

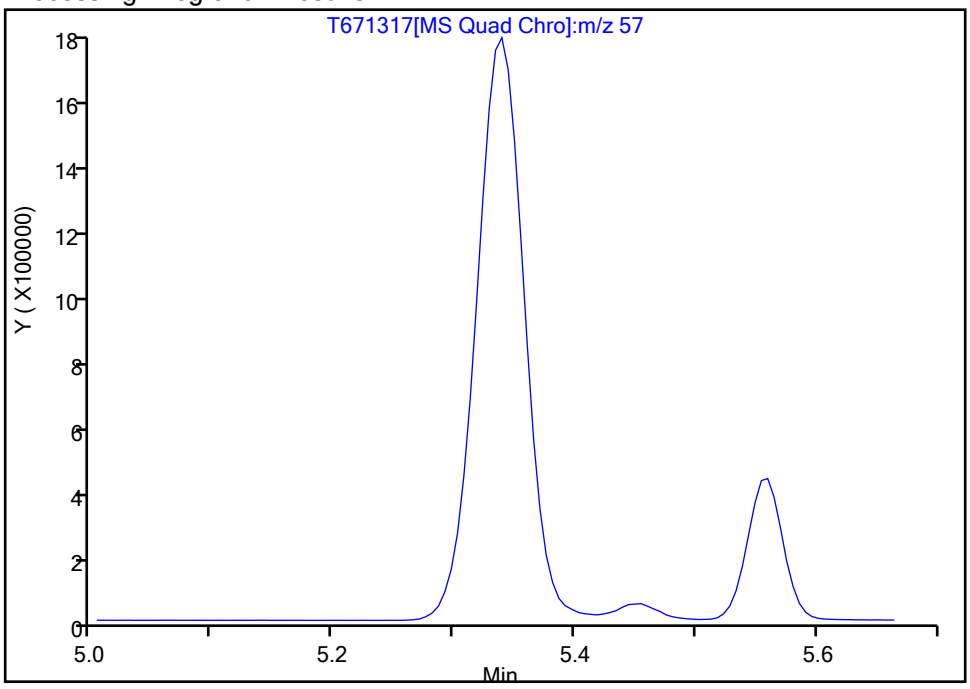
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

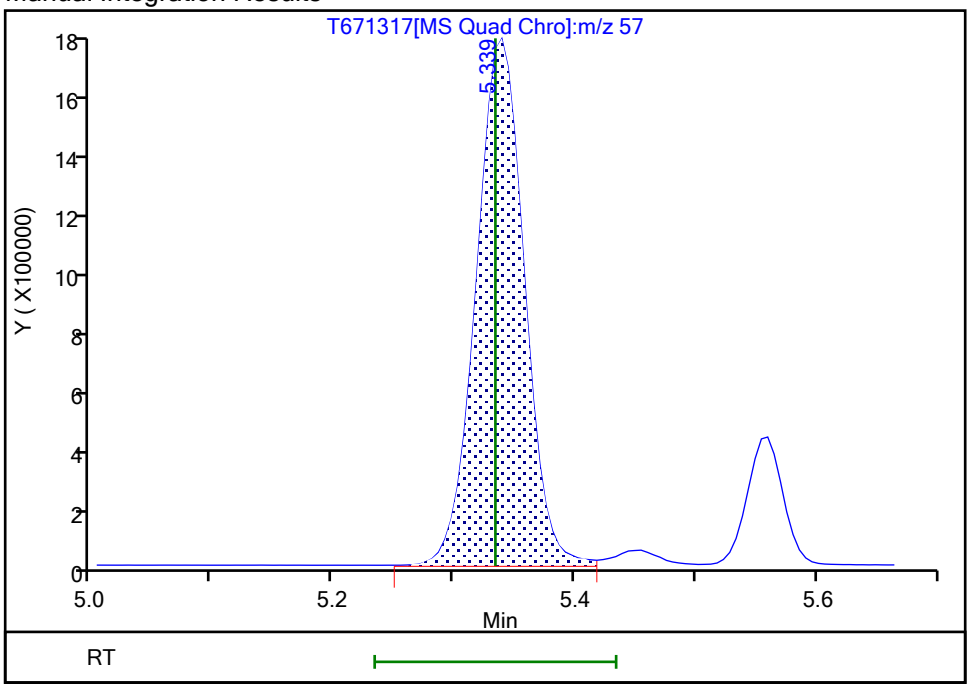
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 4855115
Amount: 542.9655
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

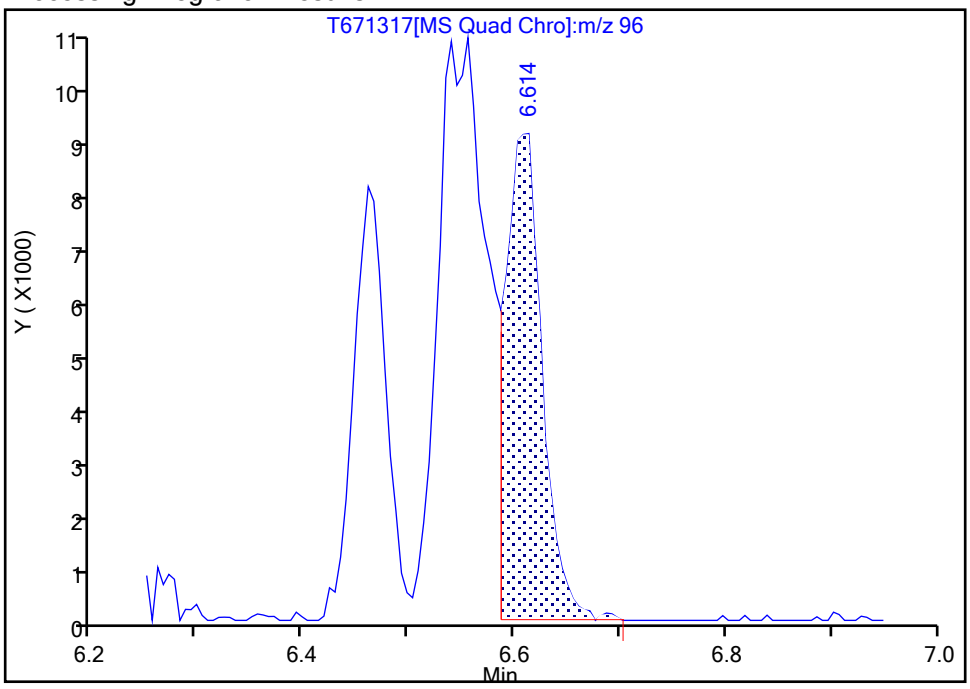
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Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

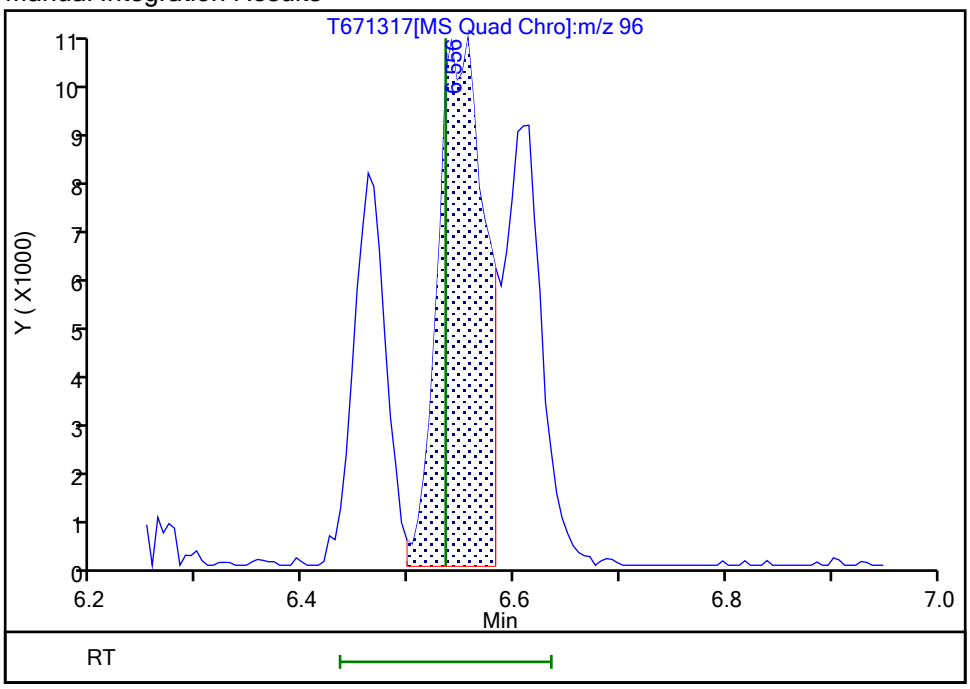
Processing Integration Results

RT: 6.61
Area: 21797
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.56
Area: 33576
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

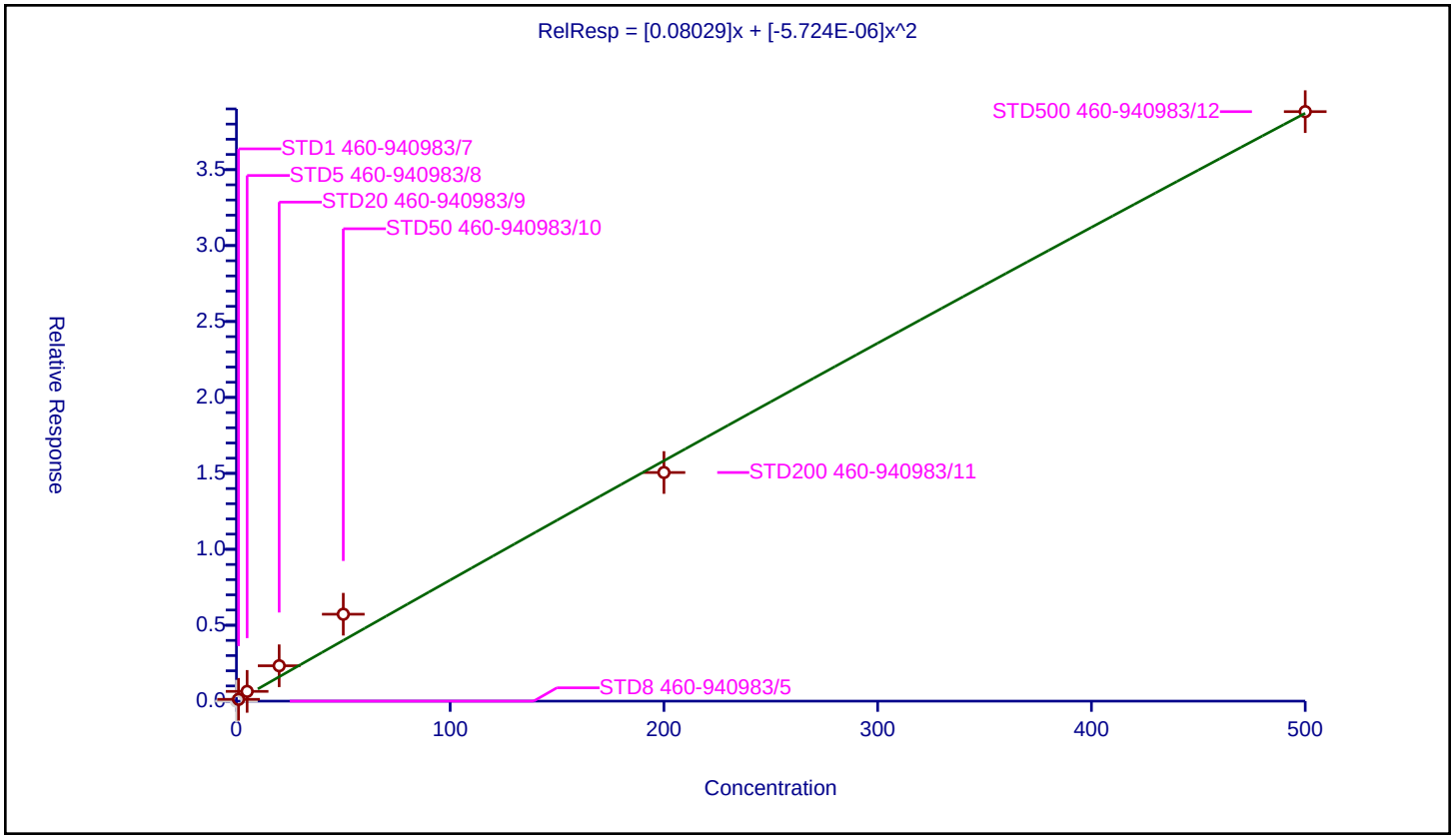
Curve Coefficients

Intercept:	0
Slope:	0.08029
Second Order:	-5.724E-06

Error Coefficients

Standard Error:	294000
Relative Standard Error:	49.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.118685	50.0	562411.0	0.118685	Y
3	STD5 460-940983/8	5.0	0.643279	50.0	576577.0	0.128656	Y
4	STD20 460-940983/9	20.0	2.329193	50.0	598469.0	0.11646	Y
5	STD50 460-940983/10	50.0	5.724326	50.0	628301.0	0.114487	Y
6	STD200 460-940983/11	200.0	15.056286	50.0	653365.0	0.075281	Y
7	STD500 460-940983/12	500.0	38.819684	50.0	707480.0	0.077639	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

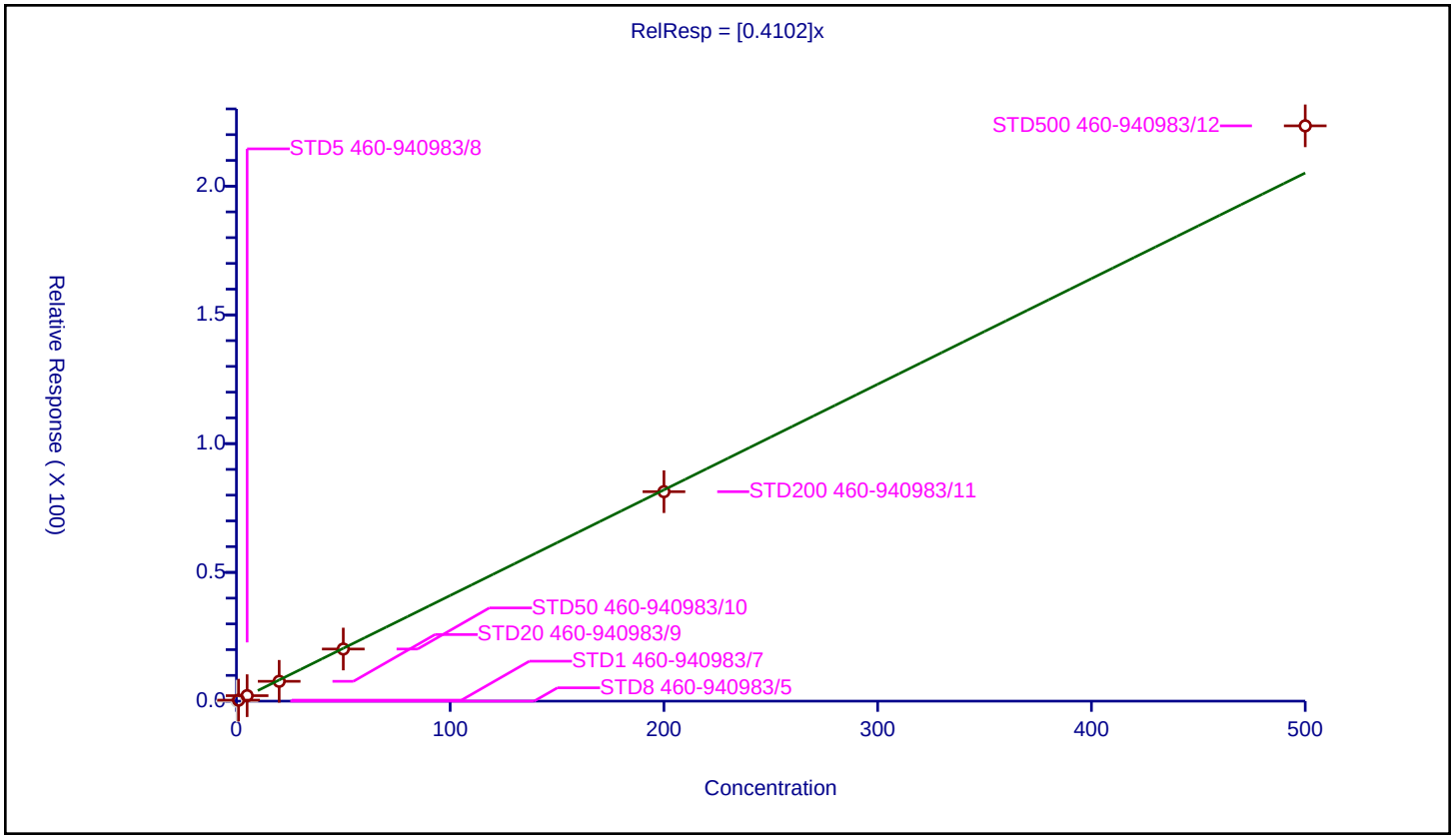
Curve Coefficients

Intercept:	0
Slope:	0.4102

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	5.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.392684	50.0	562411.0	0.392684	Y
3	STD5 460-940983/8	5.0	2.126863	50.0	576577.0	0.425373	Y
4	STD20 460-940983/9	20.0	7.698895	50.0	598469.0	0.384945	Y
5	STD50 460-940983/10	50.0	20.237832	50.0	628301.0	0.404757	Y
6	STD200 460-940983/11	200.0	81.344501	50.0	653365.0	0.406723	Y
7	STD500 460-940983/12	500.0	223.421864	50.0	707480.0	0.446844	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

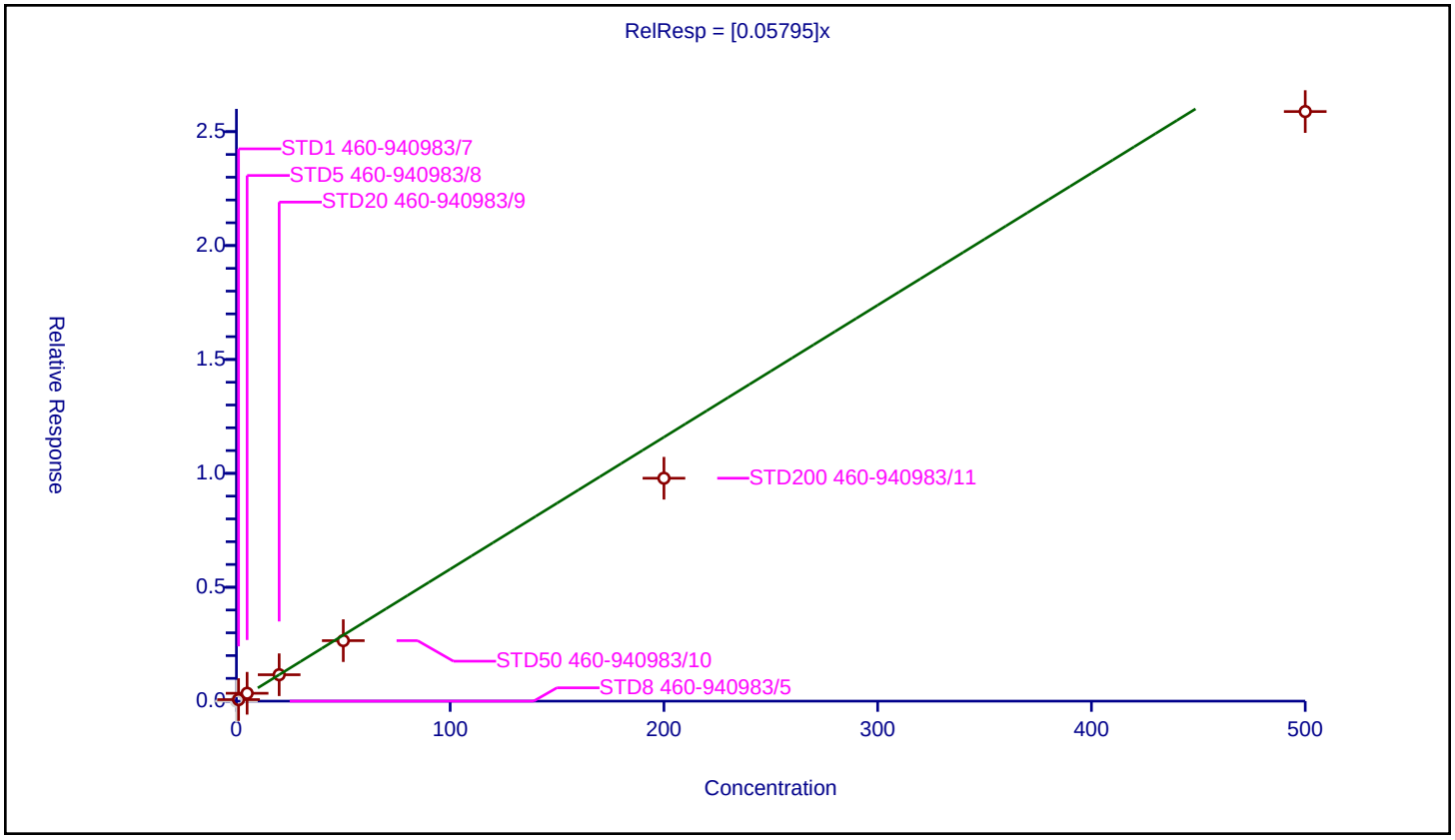
Curve Coefficients

Intercept:	0
Slope:	0.05795

Error Coefficients

Standard Error:	174000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.066766	50.0	562411.0	0.066766	Y
3	STD5 460-940983/8	5.0	0.345661	50.0	576577.0	0.069132	Y
4	STD20 460-940983/9	20.0	1.159041	50.0	598469.0	0.057952	Y
5	STD50 460-940983/10	50.0	2.65637	50.0	628301.0	0.053127	Y
6	STD200 460-940983/11	200.0	9.78626	50.0	653365.0	0.048931	Y
7	STD500 460-940983/12	500.0	25.882922	50.0	707480.0	0.051766	Y



11/10/2023
2:16 PM

Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

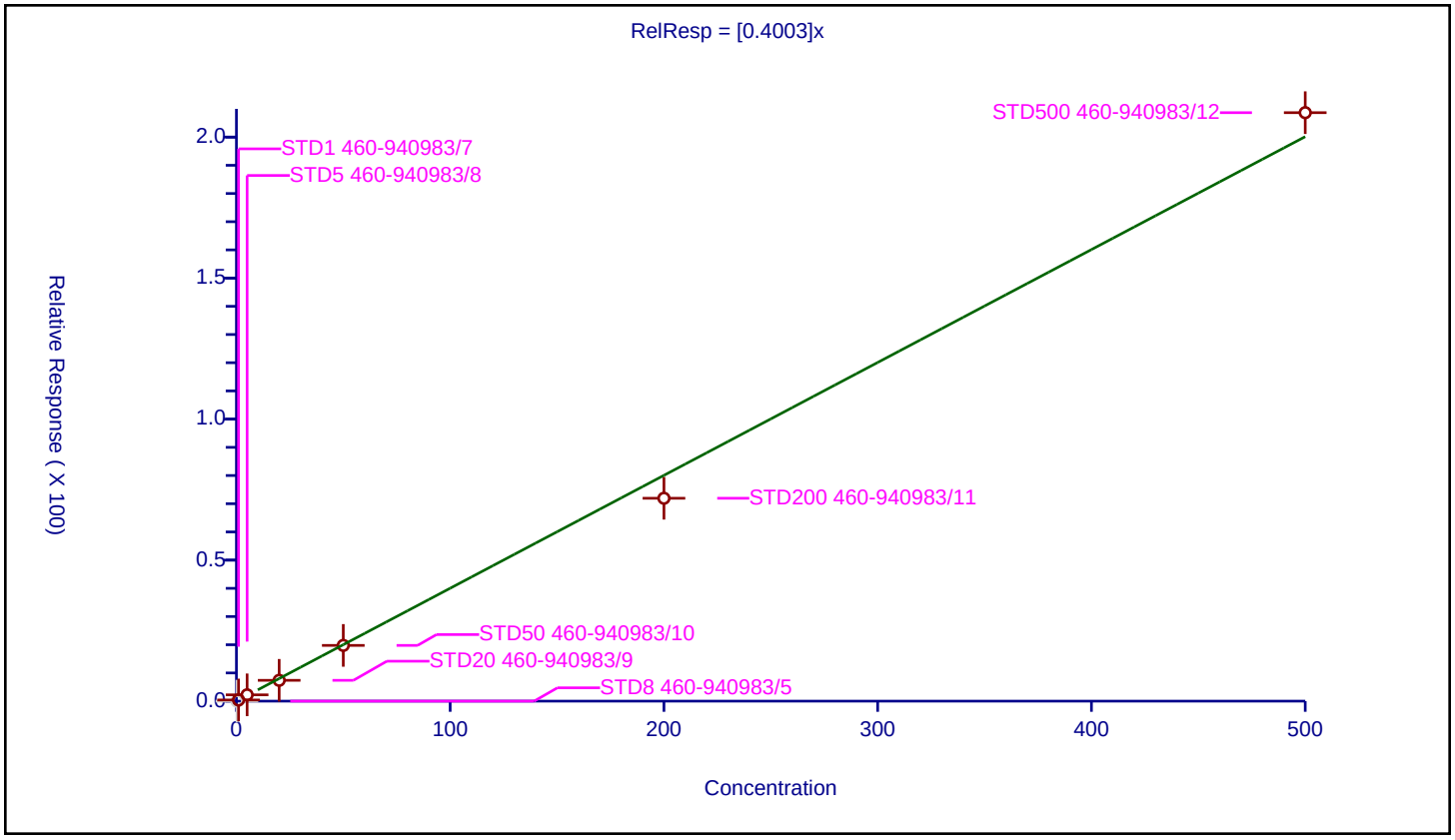
Curve Coefficients

Intercept:	0
Slope:	0.4003

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	8.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.41331	50.0	562411.0	0.41331	Y
3	STD5 460-940983/8	5.0	2.234654	50.0	576577.0	0.446931	Y
4	STD20 460-940983/9	20.0	7.384593	50.0	598469.0	0.36923	Y
5	STD50 460-940983/10	50.0	19.764014	50.0	628301.0	0.39528	Y
6	STD200 460-940983/11	200.0	71.93636	50.0	653365.0	0.359682	Y
7	STD500 460-940983/12	500.0	208.659609	50.0	707480.0	0.417319	Y



11/10/2023
2:16 PM

Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

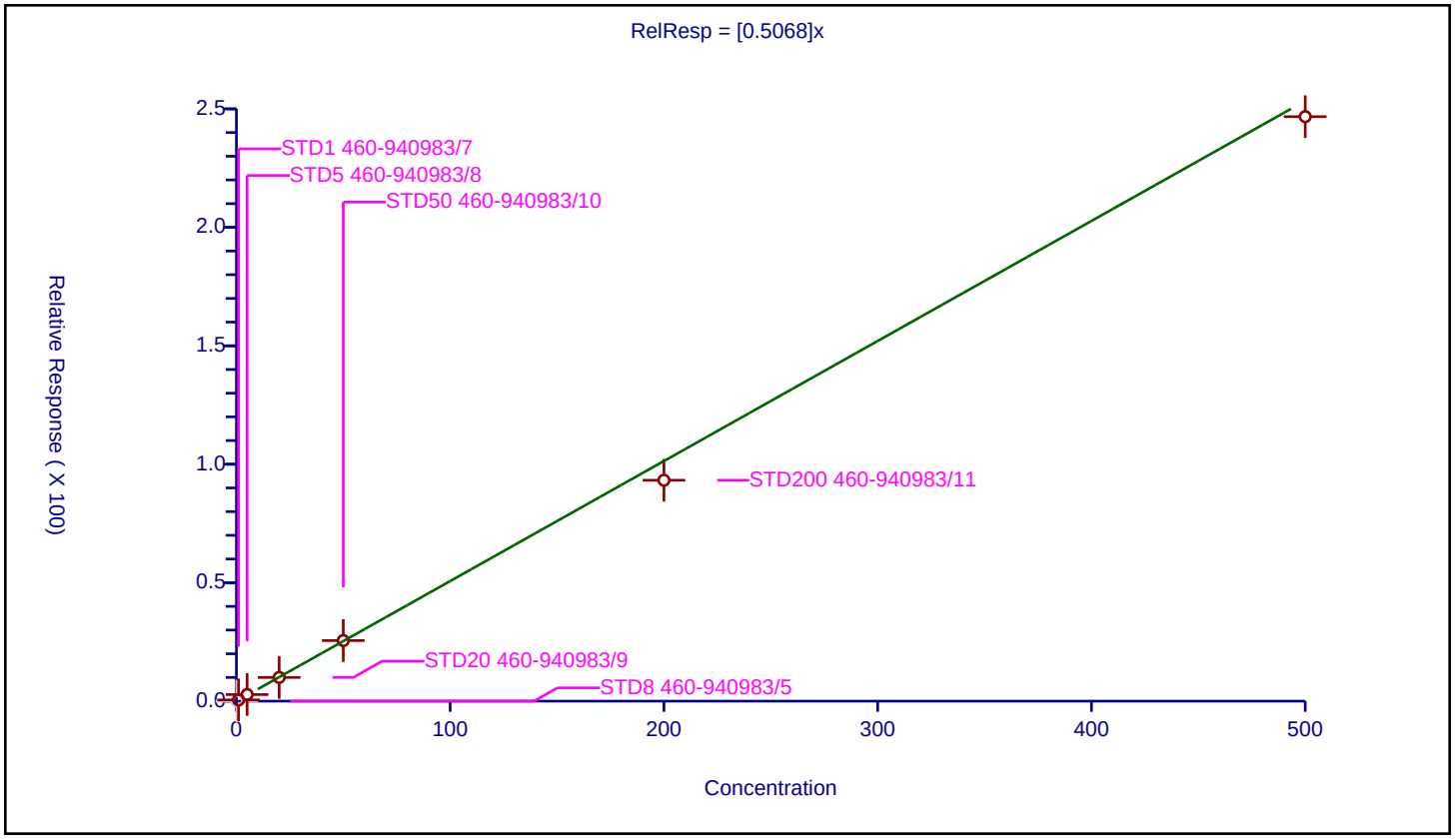
Curve Coefficients

Intercept:	0
Slope:	0.5068

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.512881	50.0	562411.0	0.512881	Y
3	STD5 460-940983/8	5.0	2.782456	50.0	576577.0	0.556491	Y
4	STD20 460-940983/9	20.0	10.003024	50.0	598469.0	0.500151	Y
5	STD50 460-940983/10	50.0	25.567602	50.0	628301.0	0.511352	Y
6	STD200 460-940983/11	200.0	93.245659	50.0	653365.0	0.466228	Y
7	STD500 460-940983/12	500.0	246.721179	50.0	707480.0	0.493442	Y



11/10/2023
2:16 PM

Calibration / Butadiene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

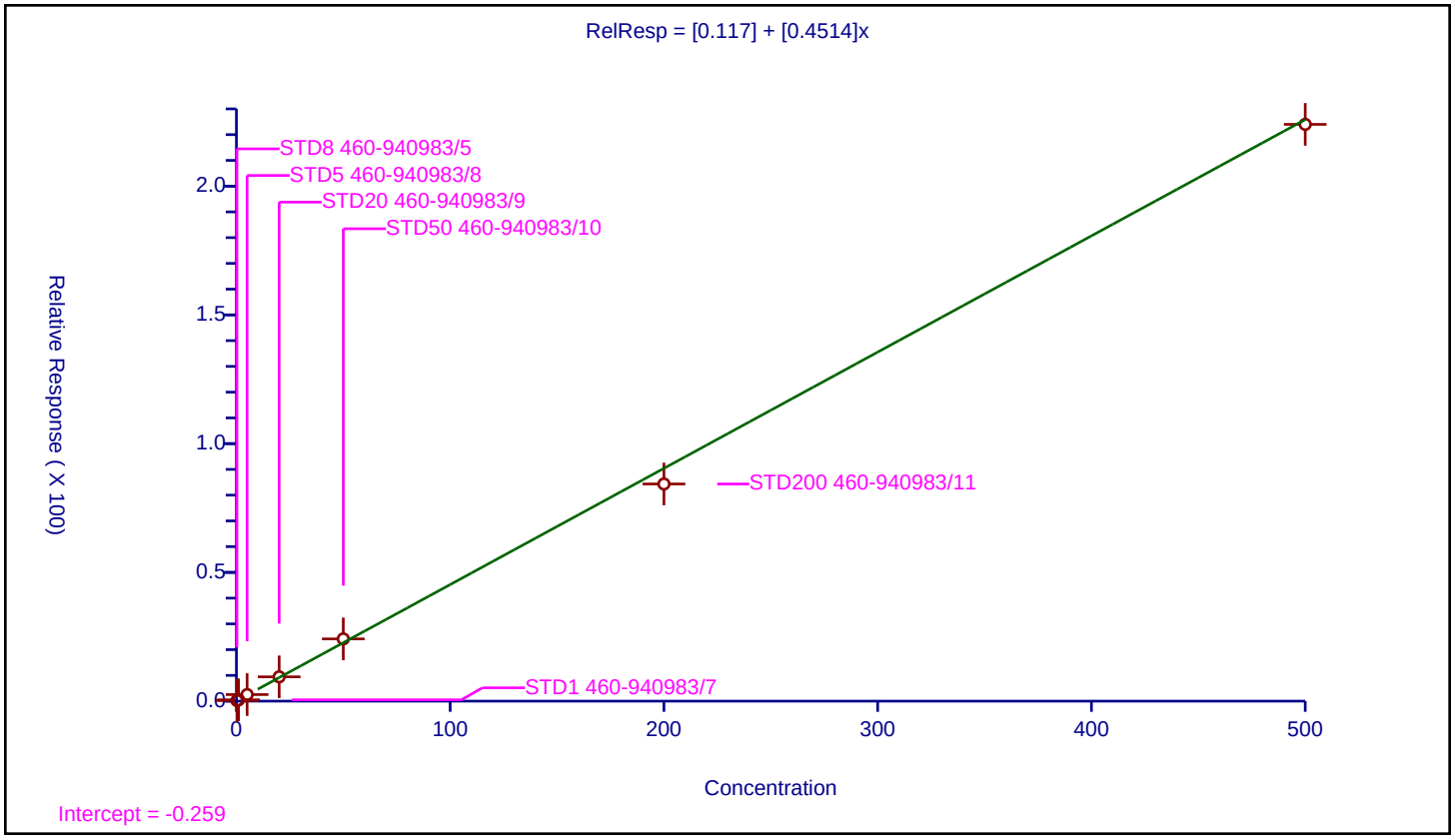
Curve Coefficients

Intercept:	0.117
Slope:	0.4514

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.232914	50.0	510919.0	0.931655	Y
2	STD1 460-940983/7	1.0	0.511637	50.0	562411.0	0.511637	Y
3	STD5 460-940983/8	5.0	2.546494	50.0	576577.0	0.509299	Y
4	STD20 460-940983/9	20.0	9.437331	50.0	598469.0	0.471867	Y
5	STD50 460-940983/10	50.0	24.168193	50.0	628301.0	0.483364	Y
6	STD200 460-940983/11	200.0	84.339382	50.0	653365.0	0.421697	Y
7	STD500 460-940983/12	500.0	223.989936	50.0	707480.0	0.44798	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

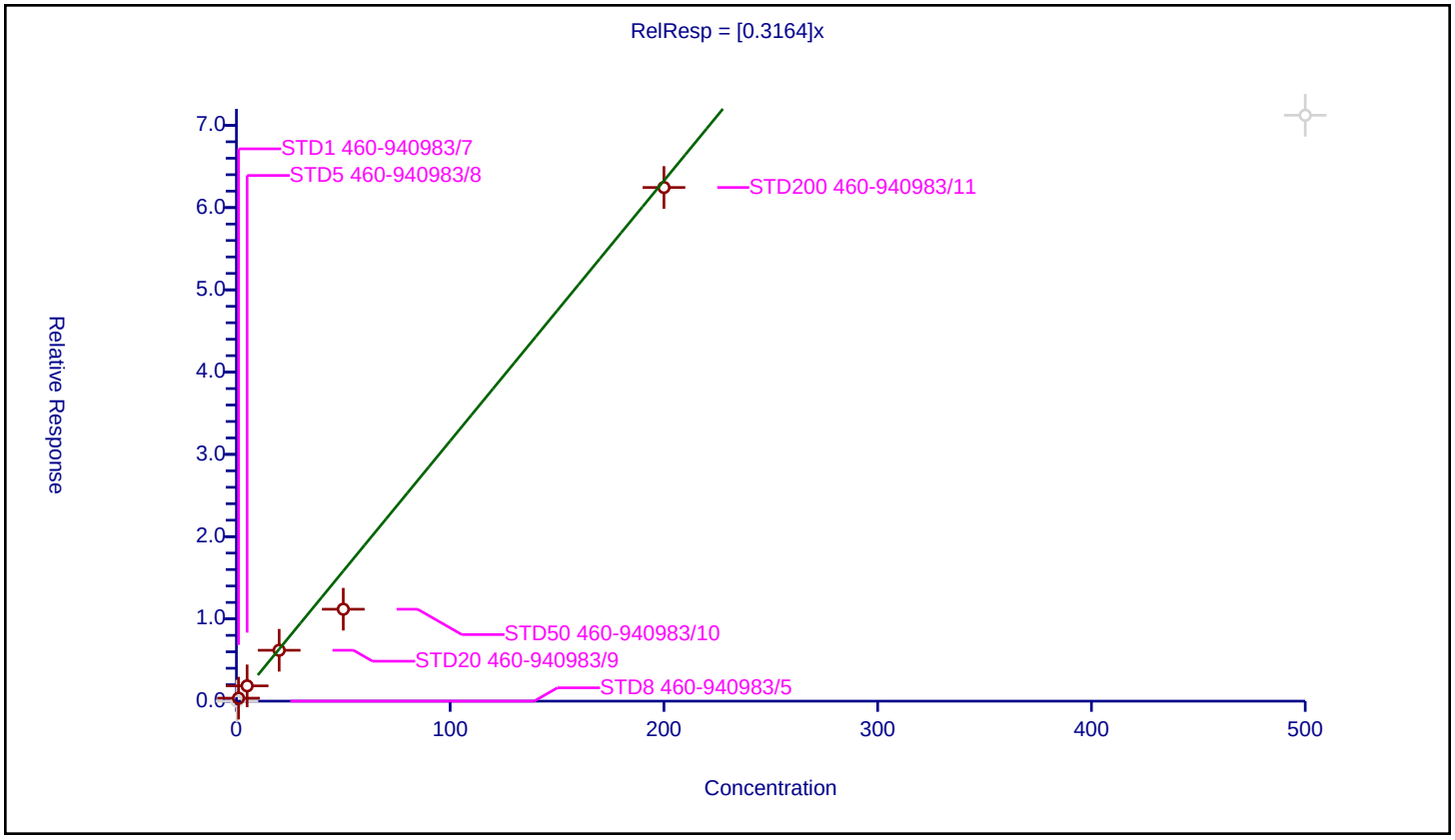
Curve Coefficients

Intercept:	0
Slope:	0.3164

Error Coefficients

Standard Error:	416000
Relative Standard Error:	18.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.365213	50.0	562411.0	0.365213	Y
3	STD5 460-940983/8	5.0	1.857167	50.0	576577.0	0.371433	Y
4	STD20 460-940983/9	20.0	6.186703	50.0	598469.0	0.309335	Y
5	STD50 460-940983/10	50.0	11.177127	50.0	628301.0	0.223543	Y
6	STD200 460-940983/11	200.0	62.445876	50.0	653365.0	0.312229	Y
7	STD500 460-940983/12	500.0	71.225971	50.0	707480.0	0.142452	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

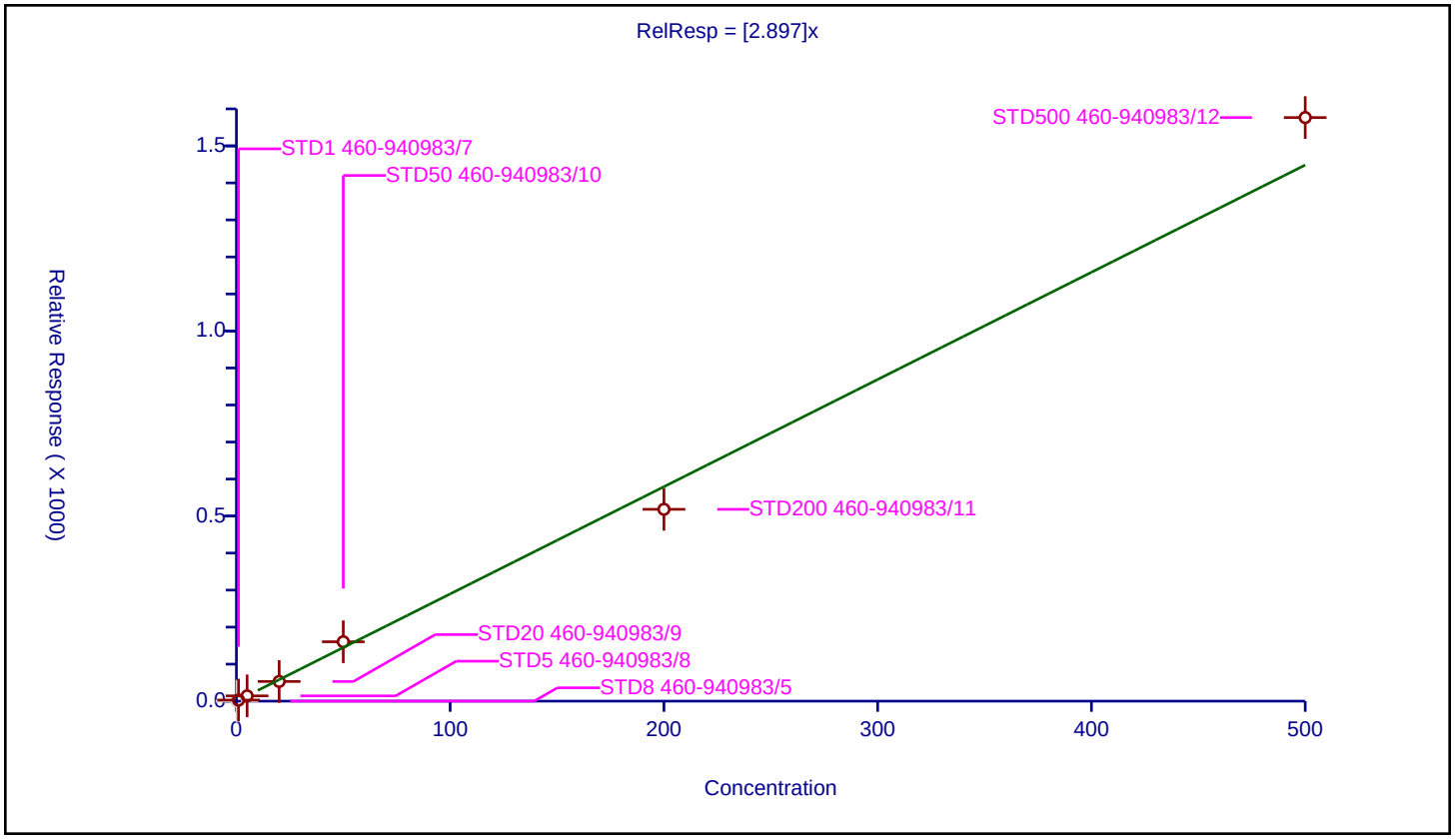
Curve Coefficients

Intercept:	0
Slope:	2.897

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	8.7
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	250.0	230633.0	0.0	N
2	STD1 460-940983/7	1.0	2.933286	250.0	244521.0	2.933286	Y
3	STD5 460-940983/8	5.0	14.176503	250.0	259849.0	2.835301	Y
4	STD20 460-940983/9	20.0	53.155753	250.0	278634.0	2.657788	Y
5	STD50 460-940983/10	50.0	160.44766	250.0	294353.0	3.208953	Y
6	STD200 460-940983/11	200.0	518.238823	250.0	318236.0	2.591194	Y
7	STD500 460-940983/12	500.0	1576.52999	250.0	368826.0	3.15306	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

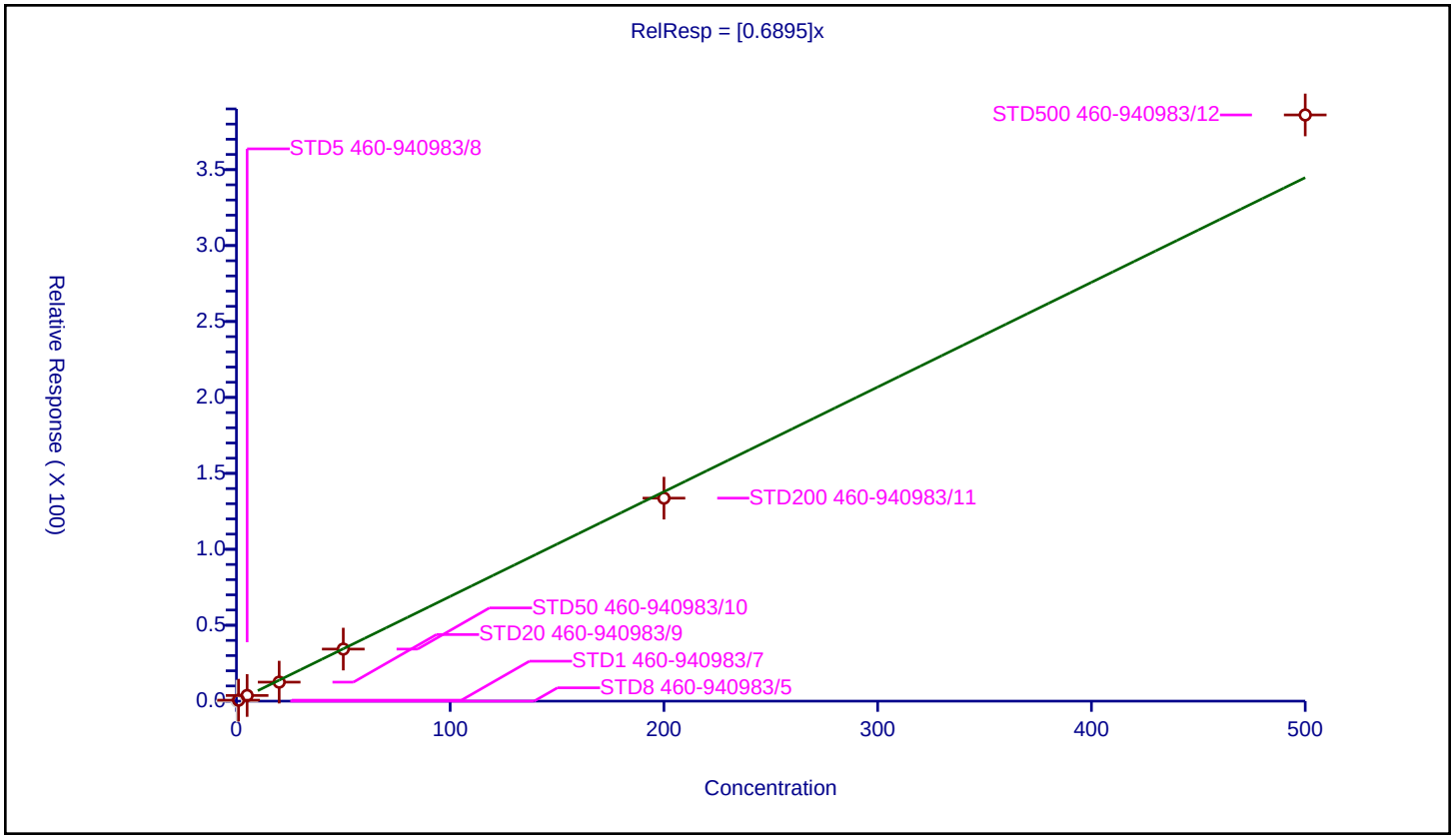
Curve Coefficients

Intercept:	0
Slope:	0.6895

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.640457	50.0	562411.0	0.640457	Y
3	STD5 460-940983/8	5.0	3.724741	50.0	576577.0	0.744948	Y
4	STD20 460-940983/9	20.0	12.508083	50.0	598469.0	0.625404	Y
5	STD50 460-940983/10	50.0	34.280862	50.0	628301.0	0.685617	Y
6	STD200 460-940983/11	200.0	133.666634	50.0	653365.0	0.668333	Y
7	STD500 460-940983/12	500.0	386.015506	50.0	707480.0	0.772031	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

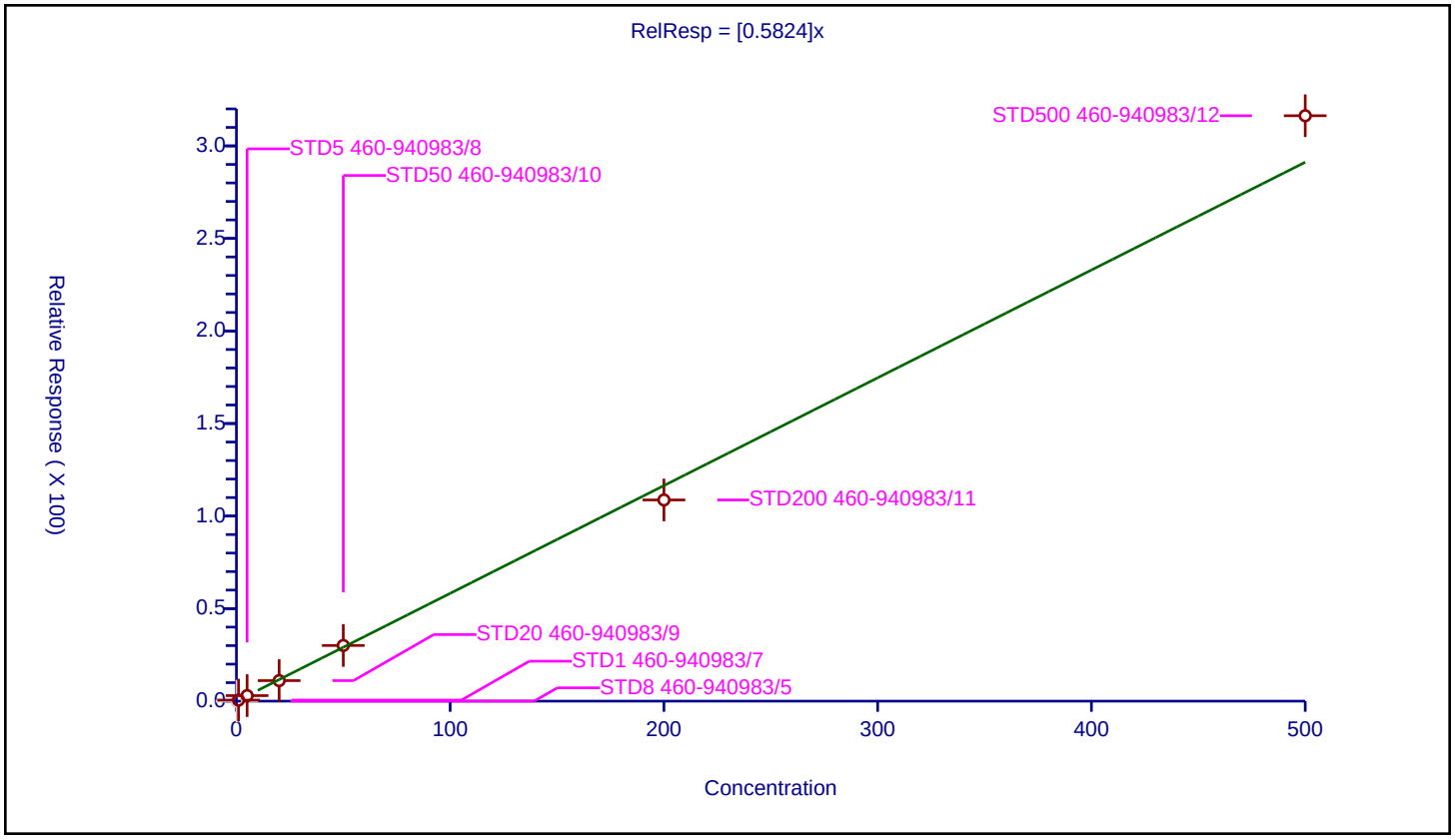
Curve Coefficients

Intercept:	0
Slope:	0.5824

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	5.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.565423	50.0	562411.0	0.565423	Y
3	STD5 460-940983/8	5.0	2.983123	50.0	576577.0	0.596625	Y
4	STD20 460-940983/9	20.0	11.094727	50.0	598469.0	0.554736	Y
5	STD50 460-940983/10	50.0	30.064332	50.0	628301.0	0.601287	Y
6	STD200 460-940983/11	200.0	108.705165	50.0	653365.0	0.543526	Y
7	STD500 460-940983/12	500.0	316.308023	50.0	707480.0	0.632616	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

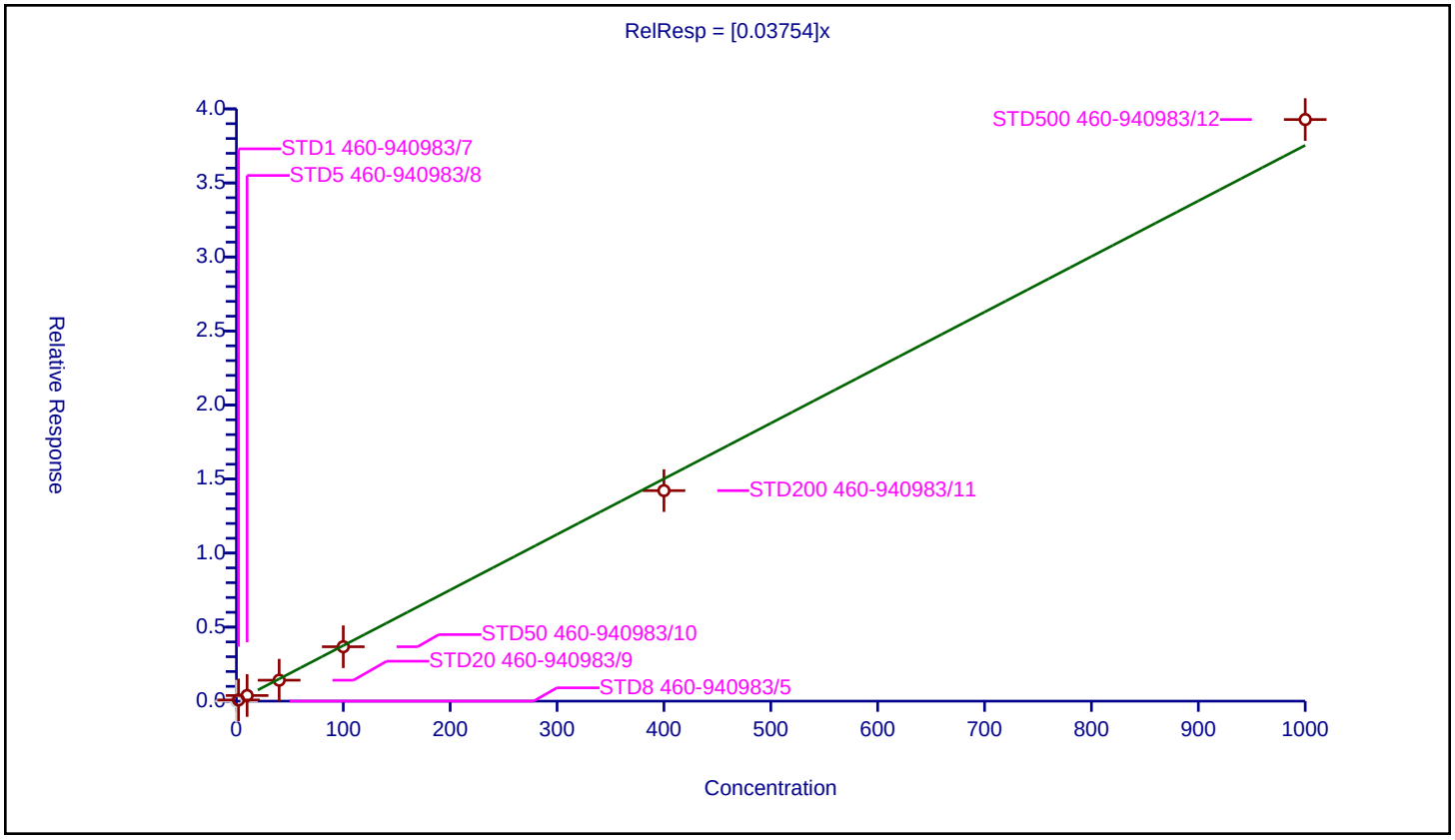
Curve Coefficients

Intercept:	0
Slope:	0.03754

Error Coefficients

Standard Error:	263000
Relative Standard Error:	5.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.080546	50.0	562411.0	0.040273	Y
3	STD5 460-940983/8	10.0	0.380348	50.0	576577.0	0.038035	Y
4	STD20 460-940983/9	40.0	1.414192	50.0	598469.0	0.035355	Y
5	STD50 460-940983/10	100.0	3.67499	50.0	628301.0	0.03675	Y
6	STD200 460-940983/11	400.0	14.218163	50.0	653365.0	0.035545	Y
7	STD500 460-940983/12	1000.0	39.280333	50.0	707480.0	0.03928	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

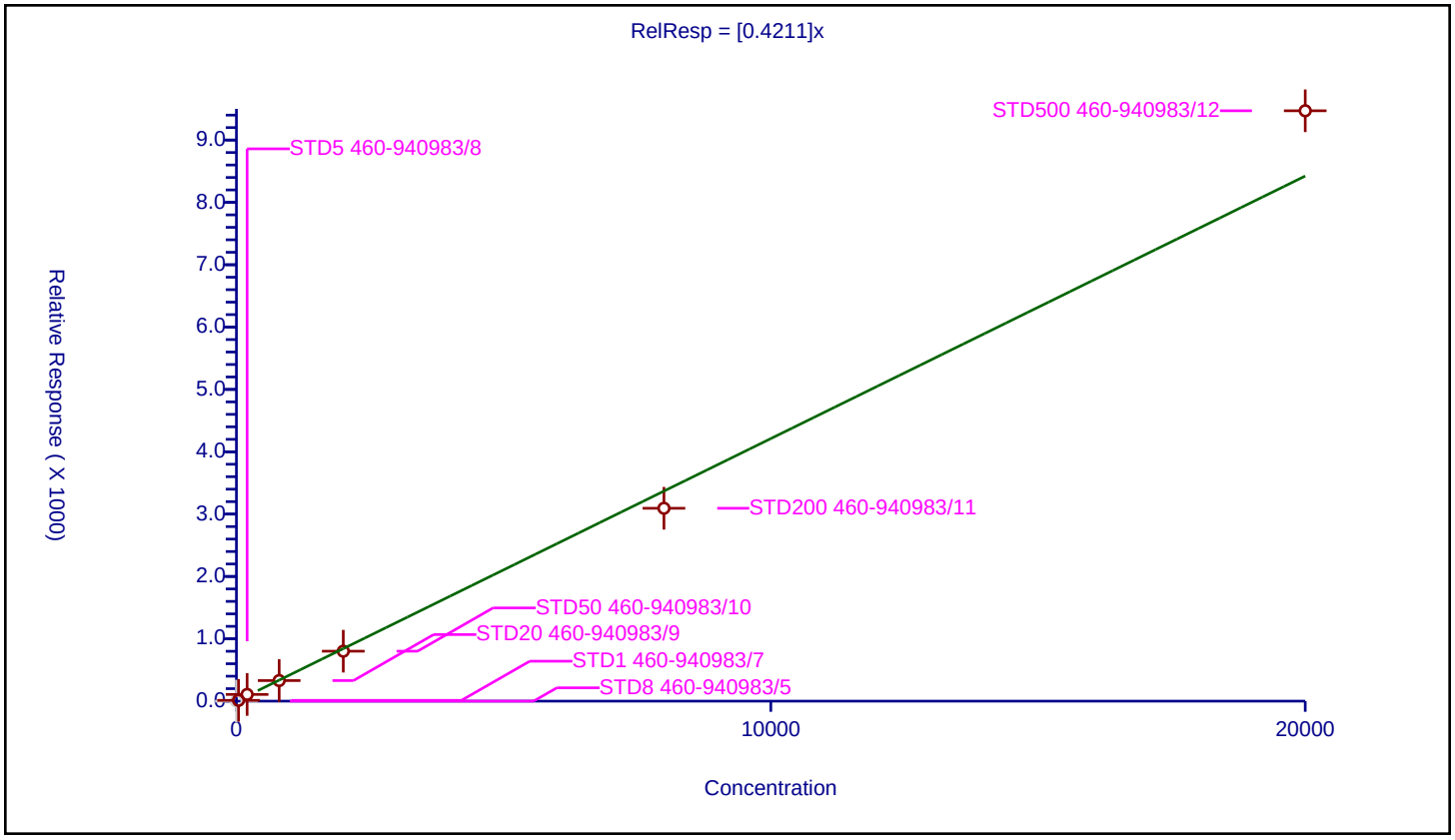
Curve Coefficients

Intercept:	0
Slope:	0.4211

Error Coefficients

Standard Error:	194000
Relative Standard Error:	18.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	40.0	12.611425	1000.0	34889.0	0.315286	Y
3	STD5 460-940983/8	200.0	107.58751	1000.0	34939.0	0.537938	Y
4	STD20 460-940983/9	800.0	330.177876	1000.0	39297.0	0.412722	Y
5	STD50 460-940983/10	2000.0	801.339893	1000.0	40451.0	0.40067	Y
6	STD200 460-940983/11	8000.0	3093.892101	1000.0	43763.0	0.386737	Y
7	STD500 460-940983/12	20000.0	9469.867027	1000.0	44370.0	0.473493	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

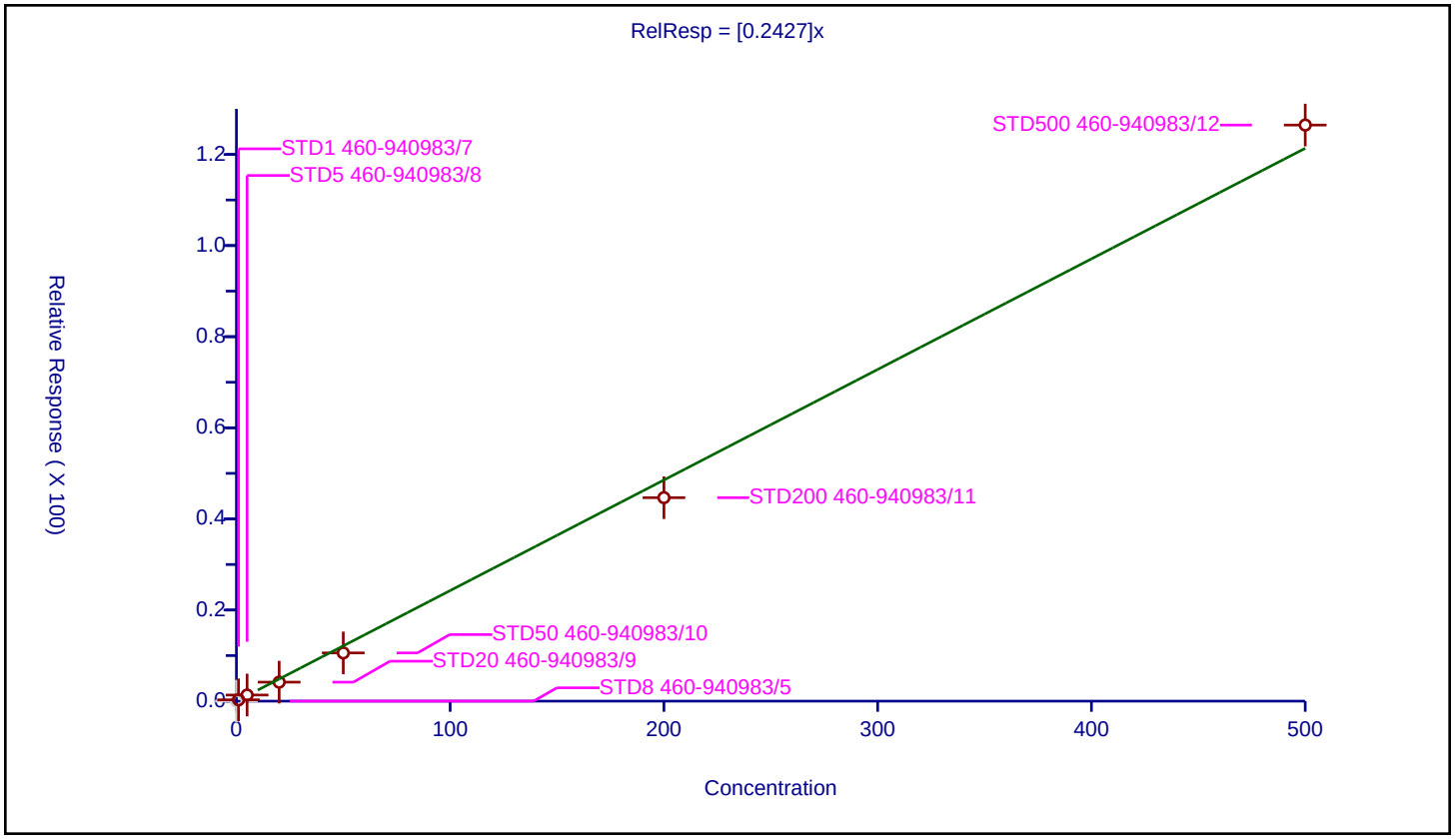
Curve Coefficients

Intercept:	0
Slope:	0.2427

Error Coefficients

Standard Error:	844000
Relative Standard Error:	13.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.291246	50.0	562411.0	0.291246	Y
3	STD5 460-940983/8	5.0	1.342145	50.0	576577.0	0.268429	Y
4	STD20 460-940983/9	20.0	4.17248	50.0	598469.0	0.208624	Y
5	STD50 460-940983/10	50.0	10.583303	50.0	628301.0	0.211666	Y
6	STD200 460-940983/11	200.0	44.661789	50.0	653365.0	0.223309	Y
7	STD500 460-940983/12	500.0	126.452267	50.0	707480.0	0.252905	Y



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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

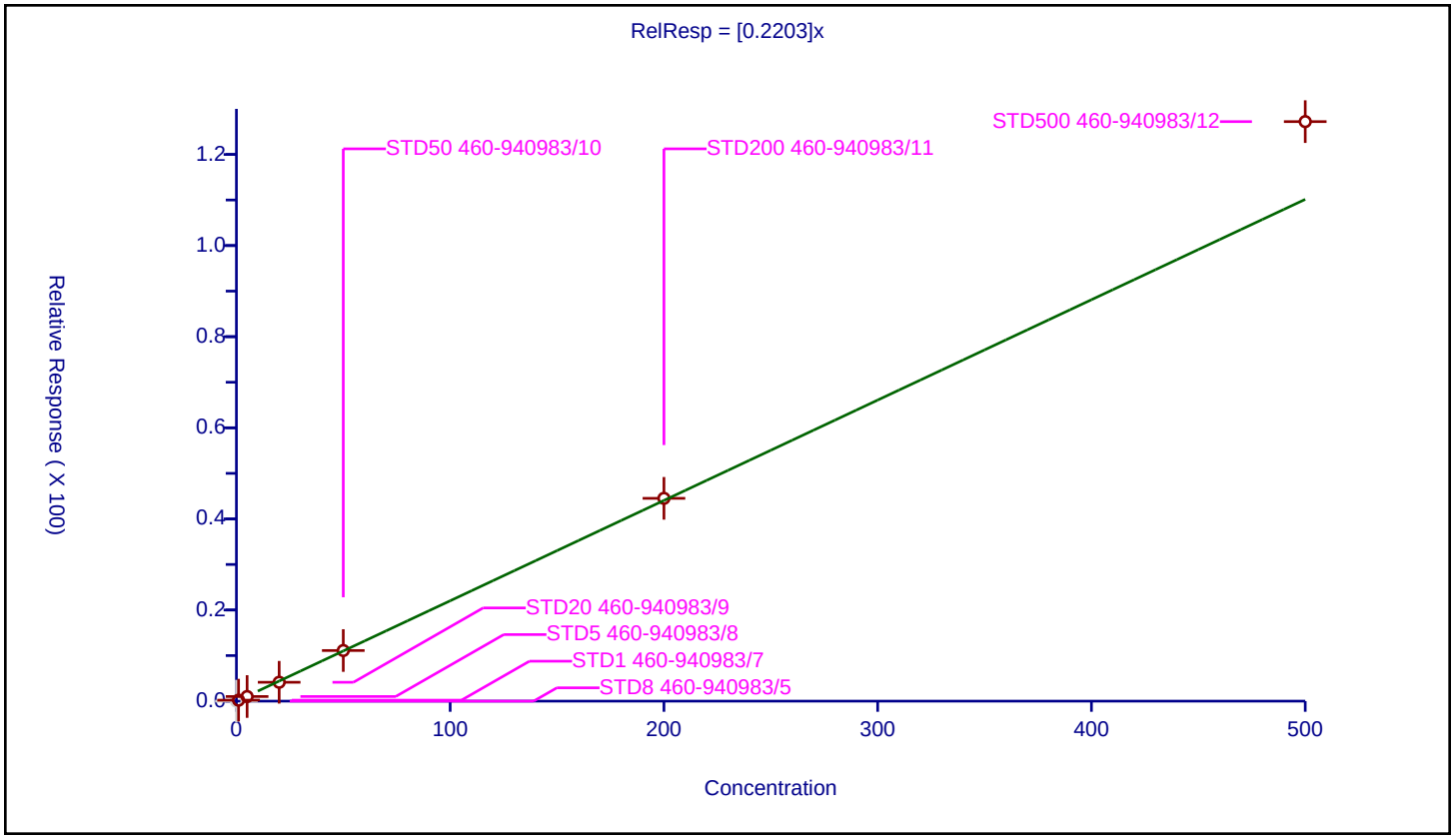
Curve Coefficients

Intercept:	0
Slope:	0.2203

Error Coefficients

Standard Error:	848000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.212923	50.0	562411.0	0.212923	Y
3	STD5 460-940983/8	5.0	1.011573	50.0	576577.0	0.202315	Y
4	STD20 460-940983/9	20.0	4.143907	50.0	598469.0	0.207195	Y
5	STD50 460-940983/10	50.0	11.110757	50.0	628301.0	0.222215	Y
6	STD200 460-940983/11	200.0	44.518531	50.0	653365.0	0.222593	Y
7	STD500 460-940983/12	500.0	127.205292	50.0	707480.0	0.254411	Y



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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

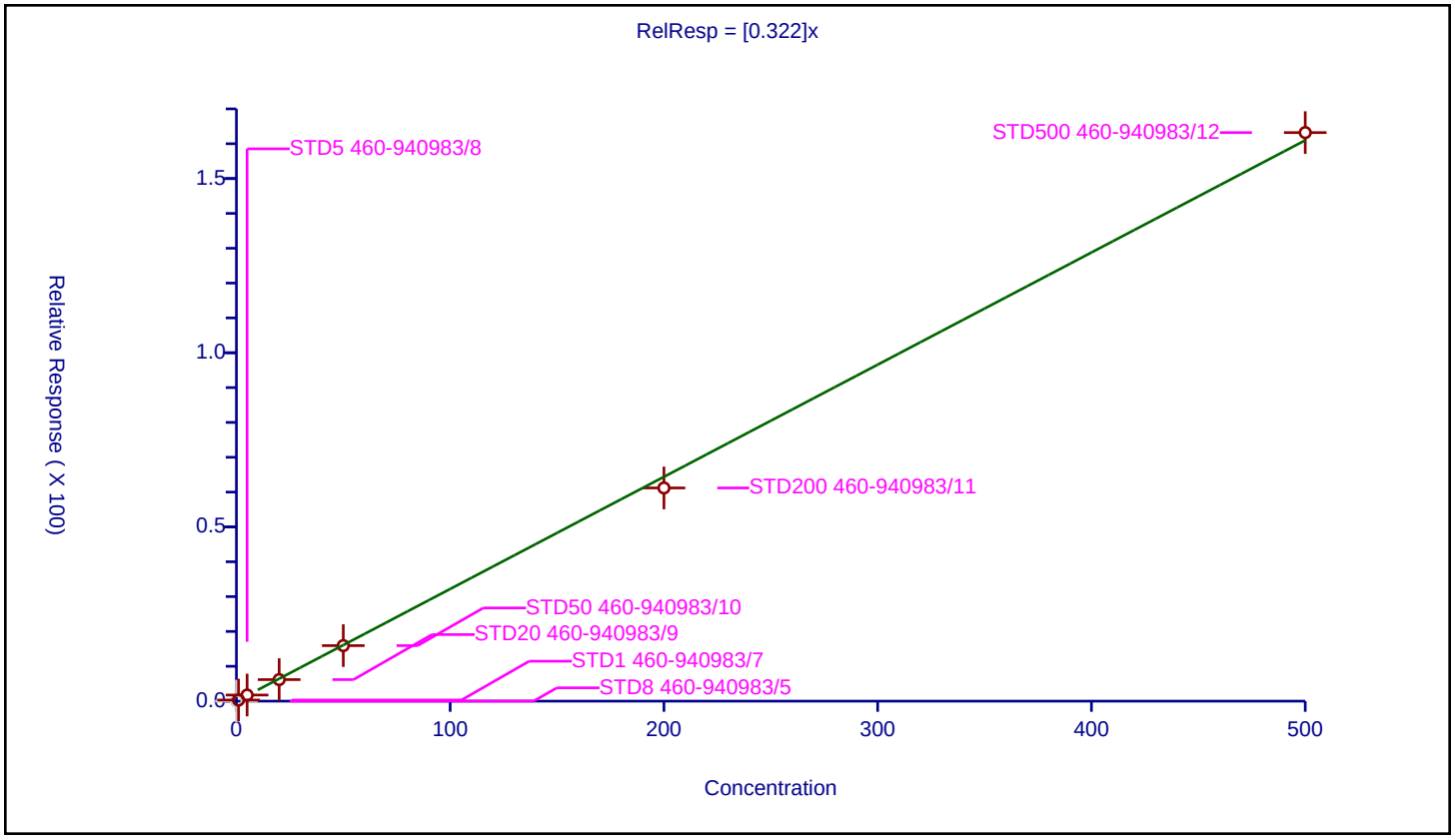
Curve Coefficients

Intercept:	0
Slope:	0.322

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.320051	50.0	562411.0	0.320051	Y
3	STD5 460-940983/8	5.0	1.75666	50.0	576577.0	0.351332	Y
4	STD20 460-940983/9	20.0	6.184447	50.0	598469.0	0.309222	Y
5	STD50 460-940983/10	50.0	15.938062	50.0	628301.0	0.318761	Y
6	STD200 460-940983/11	200.0	61.193207	50.0	653365.0	0.305966	Y
7	STD500 460-940983/12	500.0	163.198536	50.0	707480.0	0.326397	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

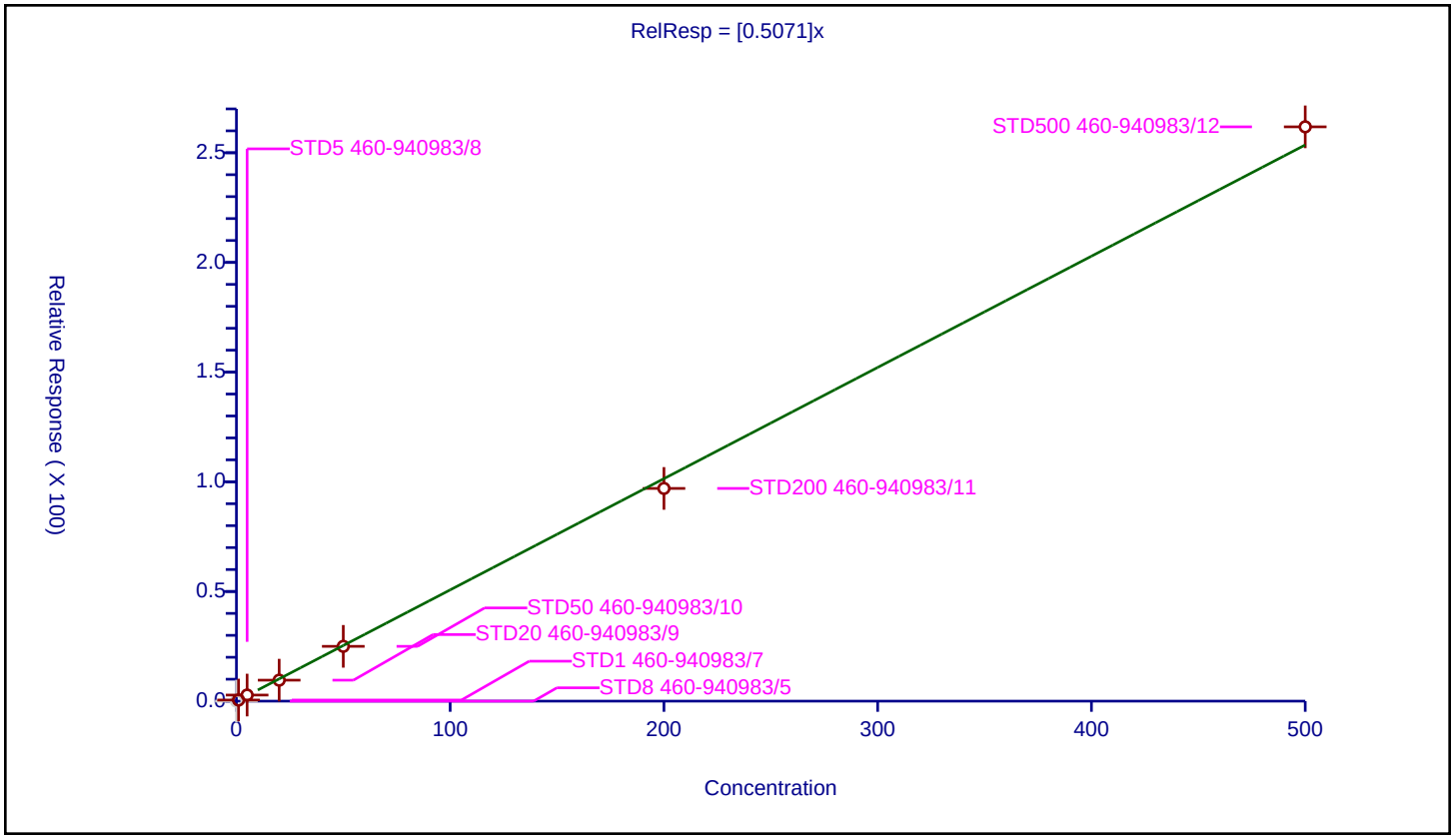
Curve Coefficients

Intercept:	0
Slope:	0.5071

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.501146	50.0	562411.0	0.501146	Y
3	STD5 460-940983/8	5.0	2.777426	50.0	576577.0	0.555485	Y
4	STD20 460-940983/9	20.0	9.559727	50.0	598469.0	0.477986	Y
5	STD50 460-940983/10	50.0	24.981179	50.0	628301.0	0.499624	Y
6	STD200 460-940983/11	200.0	96.97206	50.0	653365.0	0.48486	Y
7	STD500 460-940983/12	500.0	261.821677	50.0	707480.0	0.523643	Y



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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

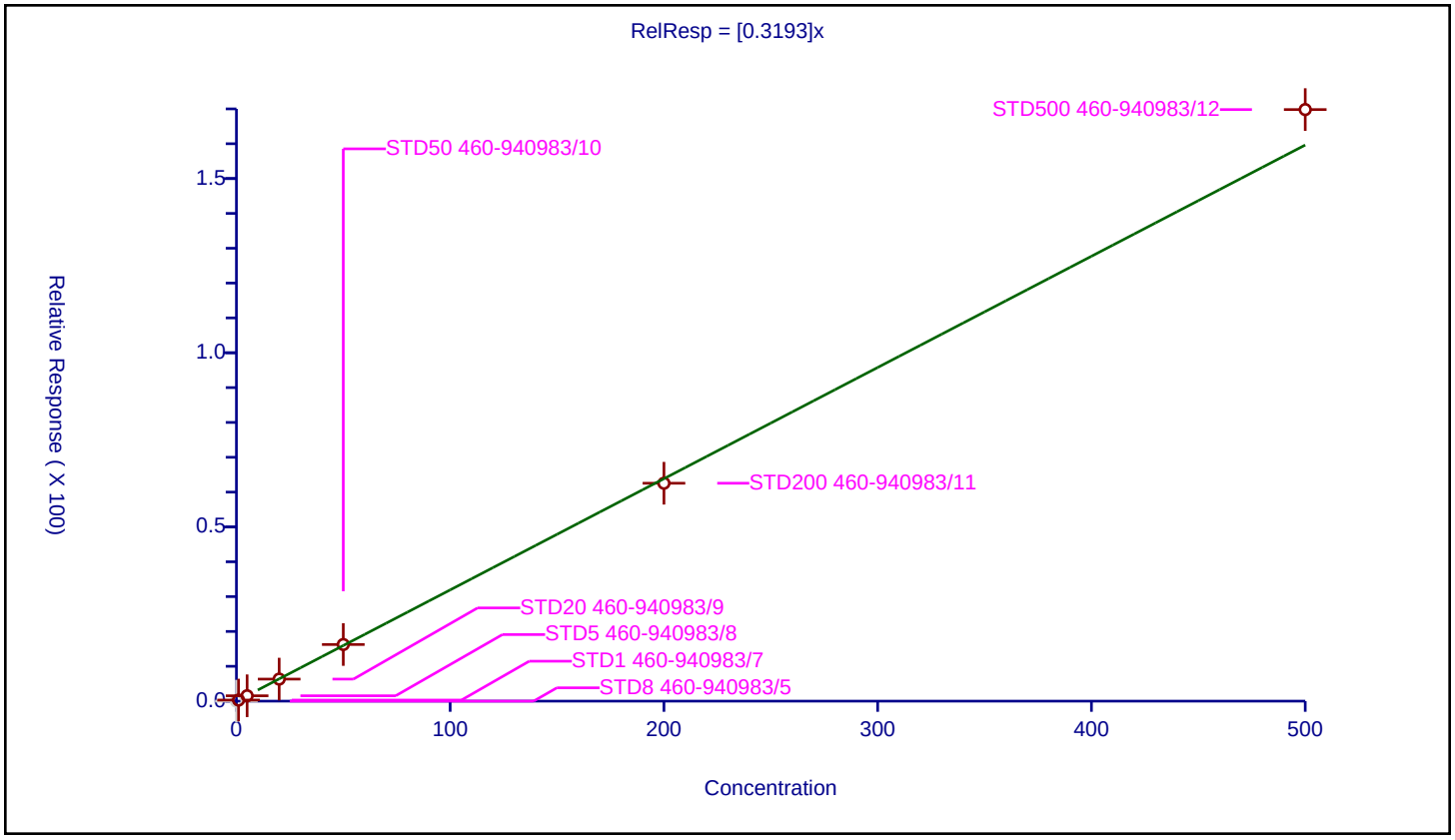
Curve Coefficients

Intercept:	0
Slope:	0.3193

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.312938	50.0	562411.0	0.312938	Y
3	STD5 460-940983/8	5.0	1.543159	50.0	576577.0	0.308632	Y
4	STD20 460-940983/9	20.0	6.328983	50.0	598469.0	0.316449	Y
5	STD50 460-940983/10	50.0	16.257813	50.0	628301.0	0.325156	Y
6	STD200 460-940983/11	200.0	62.549494	50.0	653365.0	0.312747	Y
7	STD500 460-940983/12	500.0	169.797733	50.0	707480.0	0.339595	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

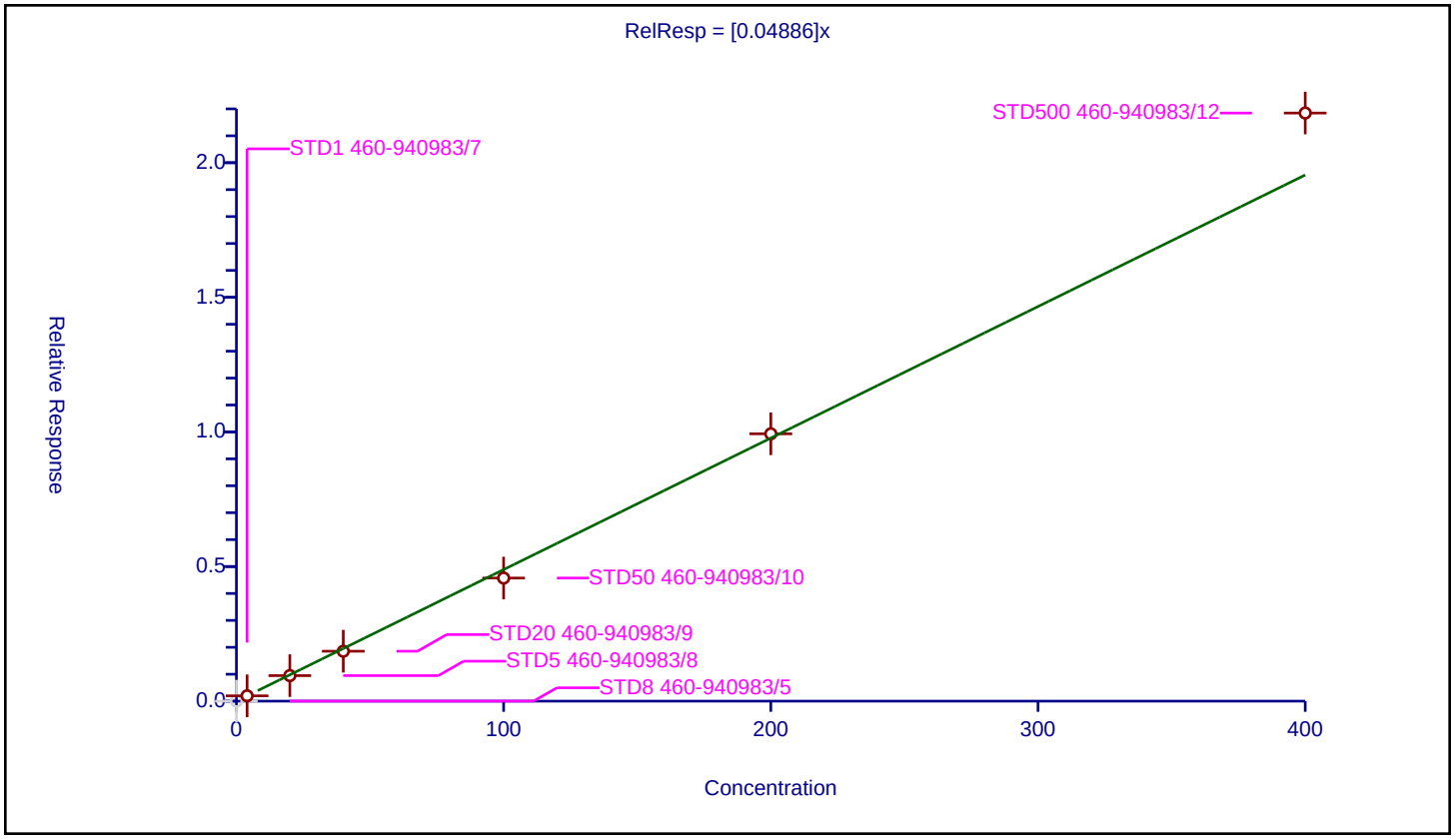
Curve Coefficients

Intercept:	0
Slope:	0.04886

Error Coefficients

Standard Error:	153000
Relative Standard Error:	6.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	4.0	0.19772	50.0	562411.0	0.04943	Y
3	STD5 460-940983/8	20.0	0.947922	50.0	576577.0	0.047396	Y
4	STD20 460-940983/9	40.0	1.854231	50.0	598469.0	0.046356	Y
5	STD50 460-940983/10	100.0	4.572251	50.0	628301.0	0.045723	Y
6	STD200 460-940983/11	200.0	9.930973	50.0	653365.0	0.049655	Y
7	STD500 460-940983/12	400.0	21.845918	50.0	707480.0	0.054615	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

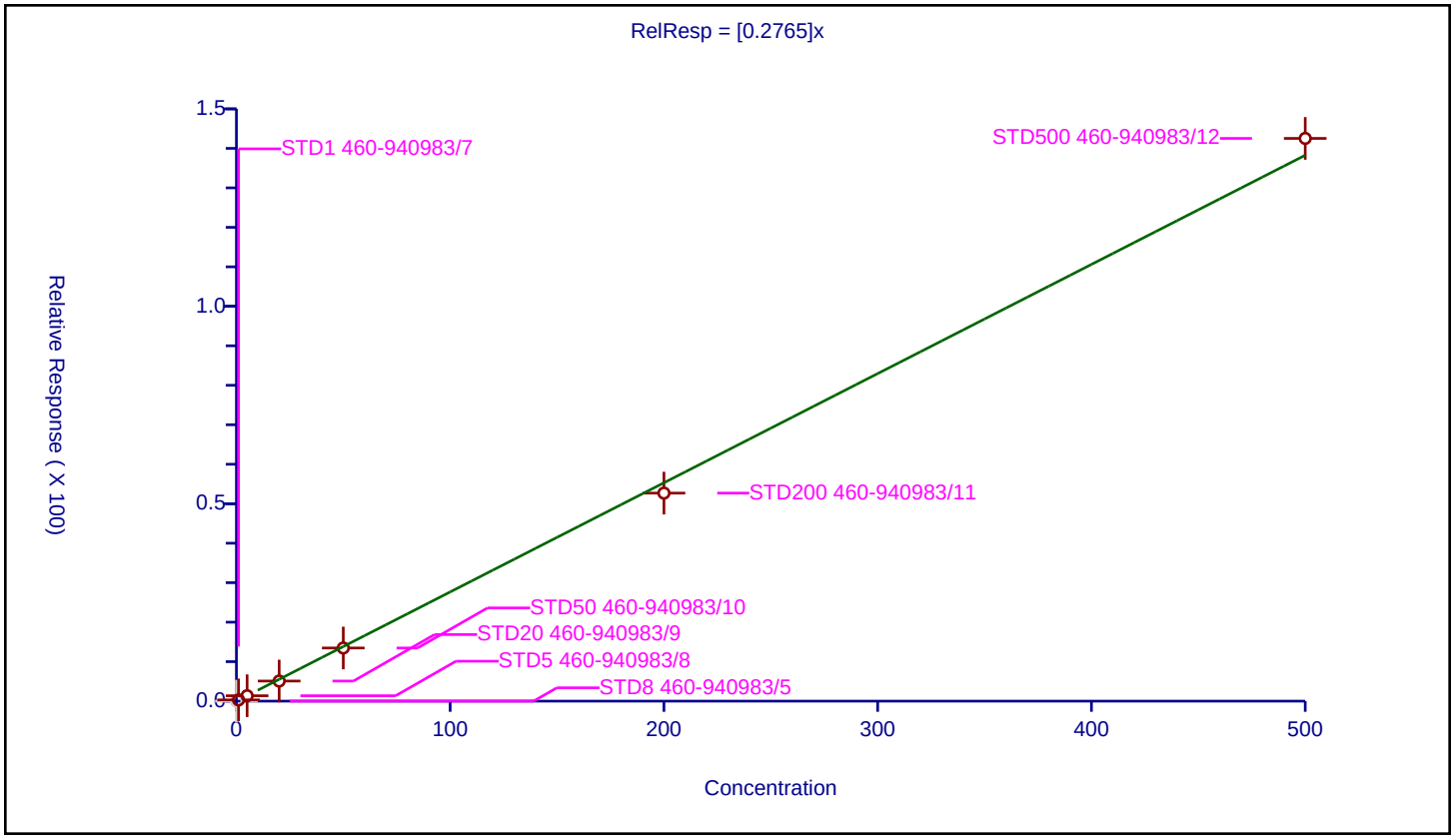
Curve Coefficients

Intercept:	0
Slope:	0.2765

Error Coefficients

Standard Error:	956000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.313739	50.0	562411.0	0.313739	Y
3	STD5 460-940983/8	5.0	1.365819	50.0	576577.0	0.273164	Y
4	STD20 460-940983/9	20.0	5.091826	50.0	598469.0	0.254591	Y
5	STD50 460-940983/10	50.0	13.458756	50.0	628301.0	0.269175	Y
6	STD200 460-940983/11	200.0	52.689691	50.0	653365.0	0.263448	Y
7	STD500 460-940983/12	500.0	142.524736	50.0	707480.0	0.285049	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

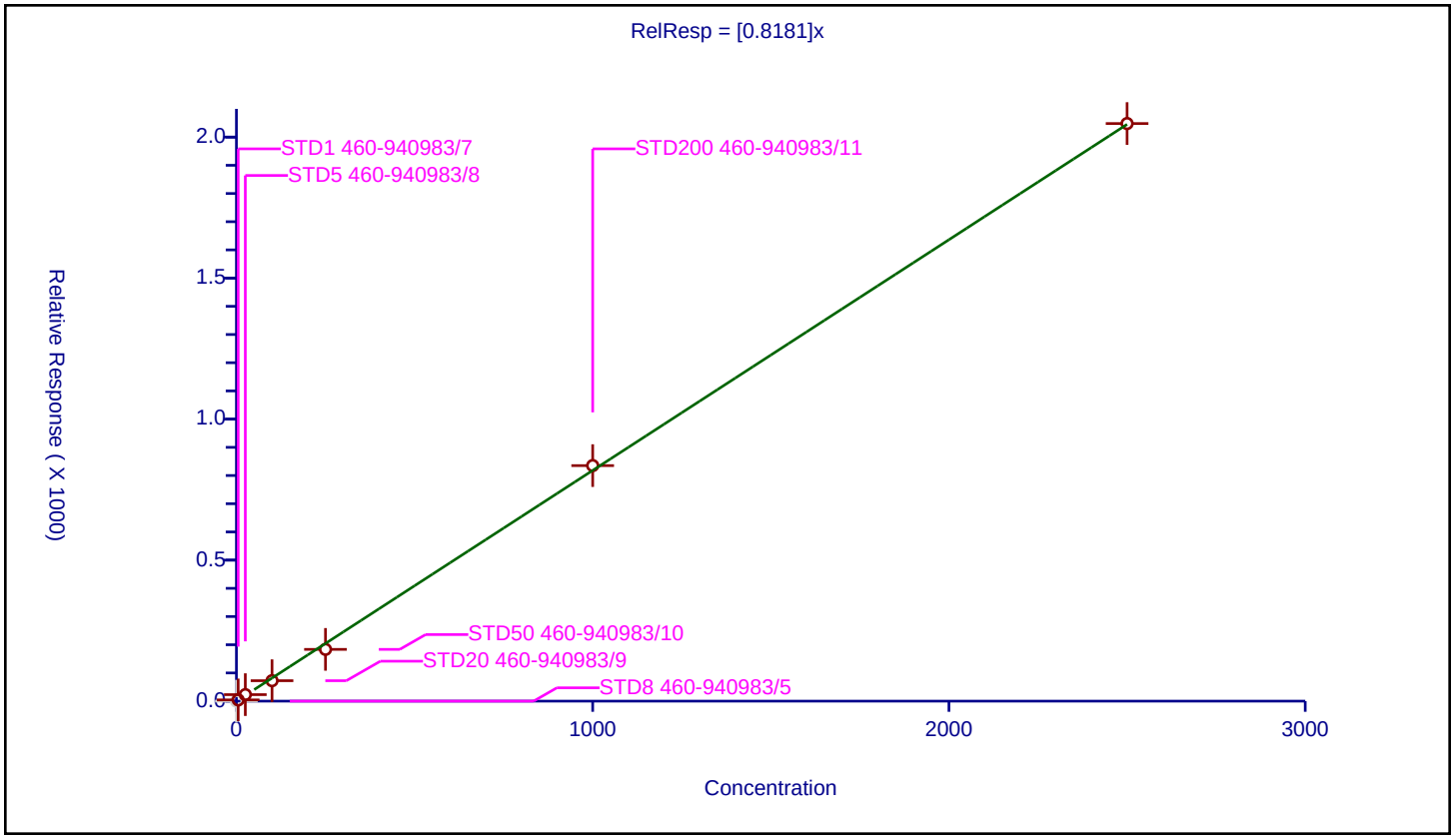
Curve Coefficients

Intercept:	0
Slope:	0.8181

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	4.353409	250.0	244521.0	0.870682	Y
3	STD5 460-940983/8	25.0	23.100916	250.0	259849.0	0.924037	Y
4	STD20 460-940983/9	100.0	72.518968	250.0	278634.0	0.72519	Y
5	STD50 460-940983/10	250.0	183.530489	250.0	294353.0	0.734122	Y
6	STD200 460-940983/11	1000.0	835.199349	250.0	318236.0	0.835199	Y
7	STD500 460-940983/12	2500.0	2048.024	250.0	368826.0	0.81921	Y



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Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

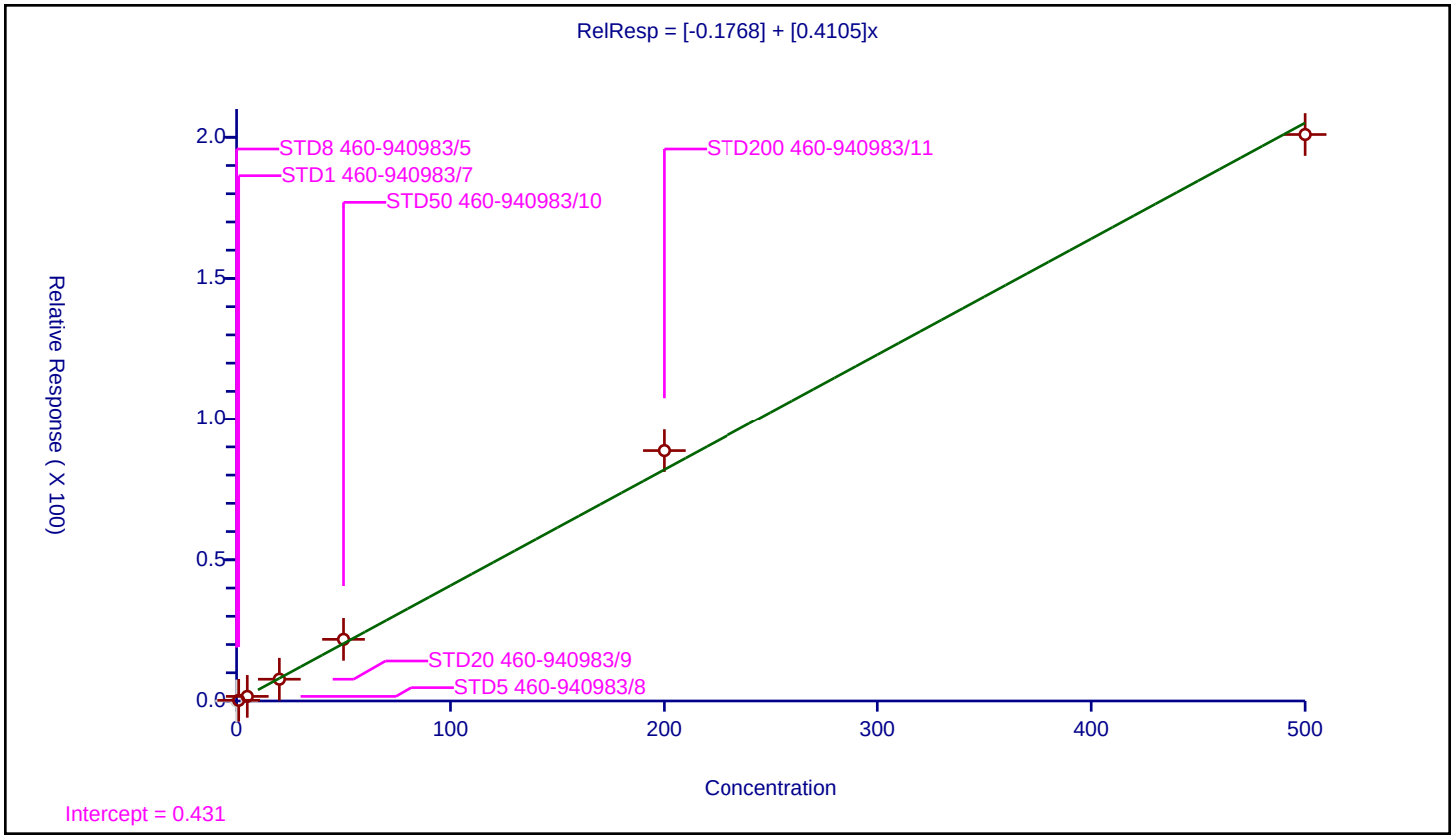
Curve Coefficients

Intercept:	-0.1768
Slope:	0.4105

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.243594	50.0	562411.0	0.243594	Y
3	STD5 460-940983/8	5.0	1.632046	50.0	576577.0	0.326409	Y
4	STD20 460-940983/9	20.0	7.710842	50.0	598469.0	0.385542	Y
5	STD50 460-940983/10	50.0	21.829664	50.0	628301.0	0.436593	Y
6	STD200 460-940983/11	200.0	88.68611	50.0	653365.0	0.443431	Y
7	STD500 460-940983/12	500.0	200.975646	50.0	707480.0	0.401951	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

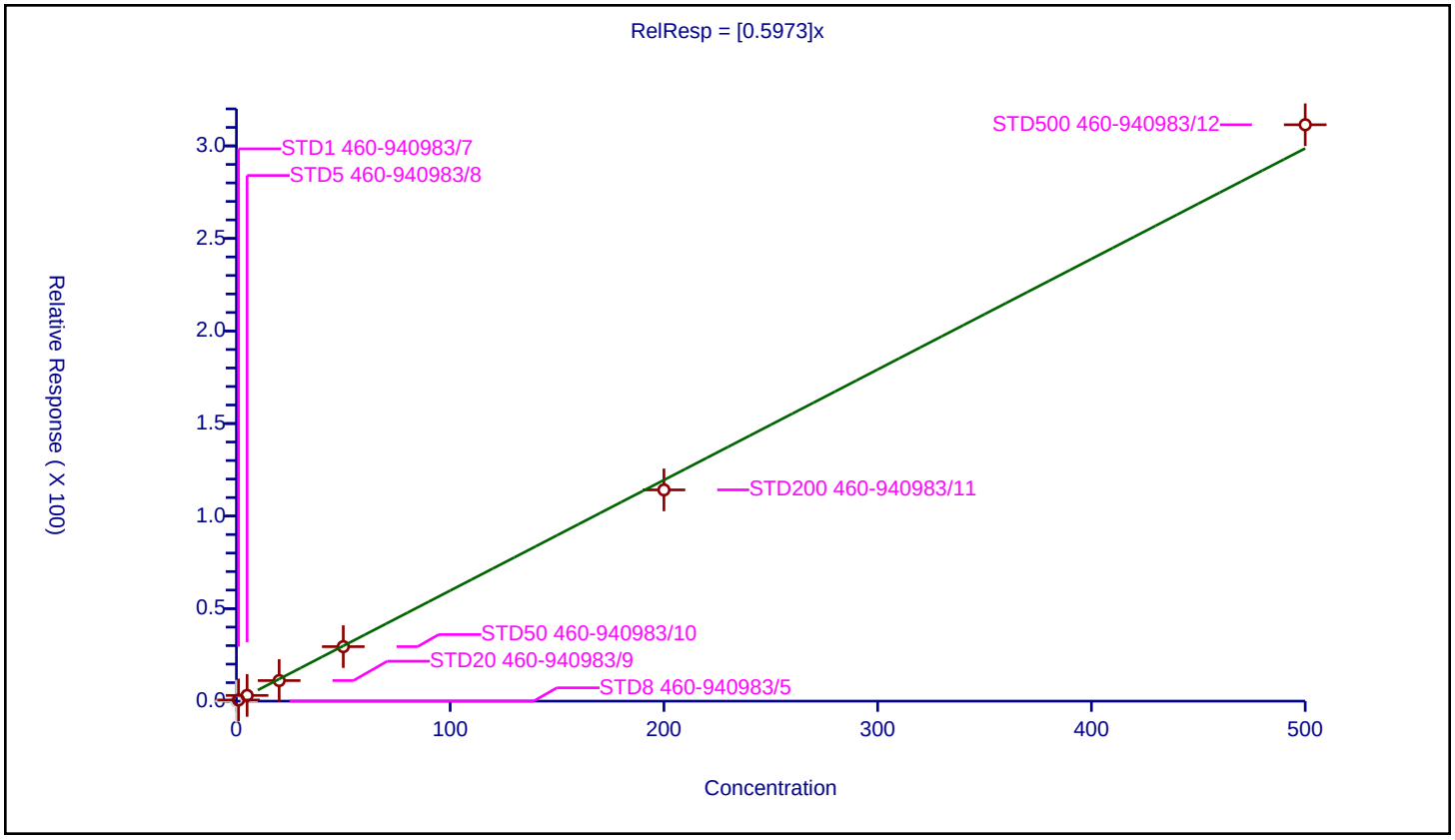
Curve Coefficients

Intercept:	0
Slope:	0.5973

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.62721	50.0	562411.0	0.62721	Y
3	STD5 460-940983/8	5.0	3.091434	50.0	576577.0	0.618287	Y
4	STD20 460-940983/9	20.0	11.116365	50.0	598469.0	0.555818	Y
5	STD50 460-940983/10	50.0	29.452126	50.0	628301.0	0.589043	Y
6	STD200 460-940983/11	200.0	114.13934	50.0	653365.0	0.570697	Y
7	STD500 460-940983/12	500.0	311.420535	50.0	707480.0	0.622841	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

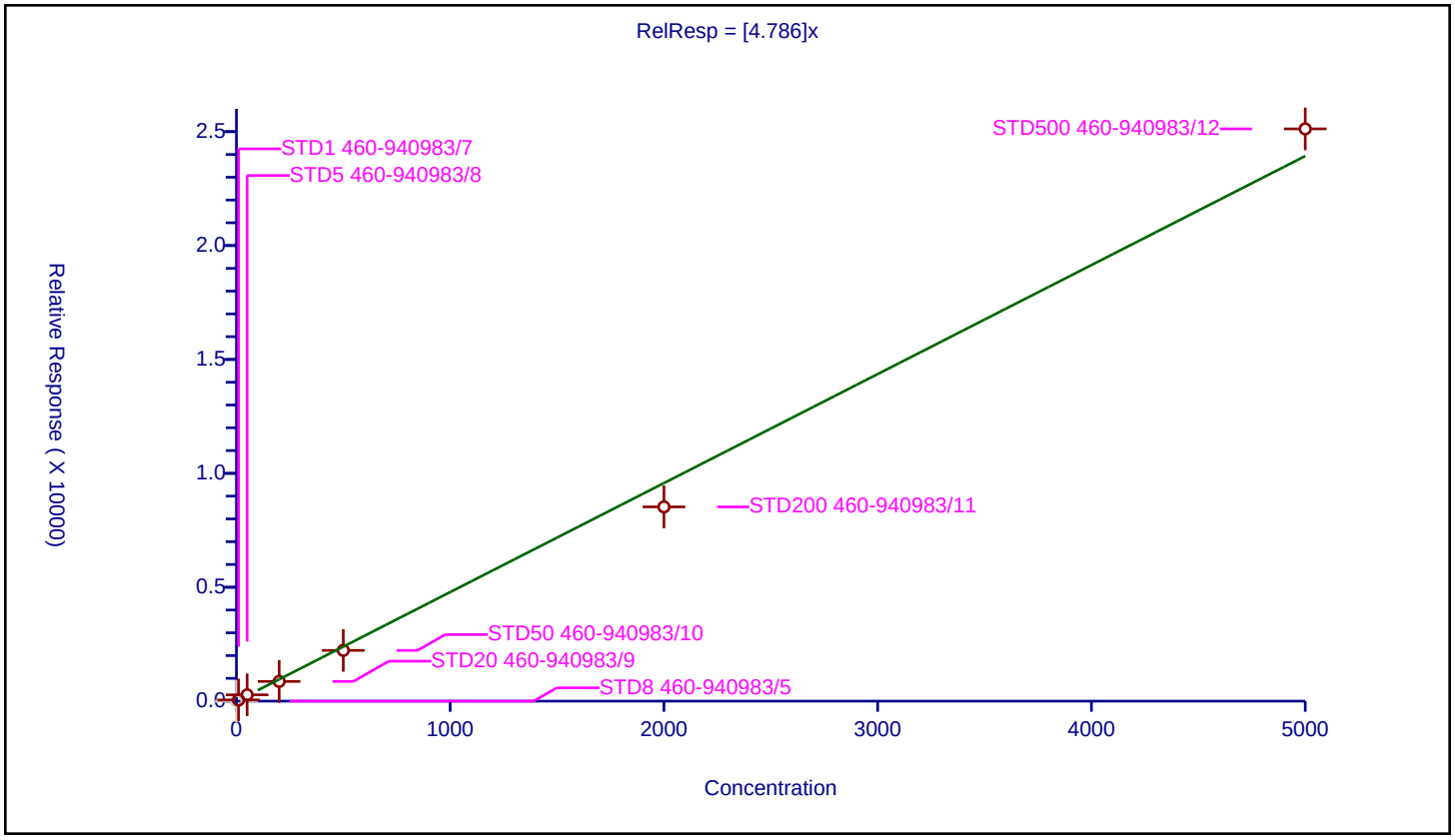
Curve Coefficients

Intercept:	0
Slope:	4.786

Error Coefficients

Standard Error:	516000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	10.0	51.133595	1000.0	34889.0	5.11336	Y
3	STD5 460-940983/8	50.0	276.367383	1000.0	34939.0	5.527348	Y
4	STD20 460-940983/9	200.0	866.325674	1000.0	39297.0	4.331628	Y
5	STD50 460-940983/10	500.0	2227.855924	1000.0	40451.0	4.455712	Y
6	STD200 460-940983/11	2000.0	8527.5004	1000.0	43763.0	4.26375	Y
7	STD500 460-940983/12	5000.0	25121.636241	1000.0	44370.0	5.024327	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

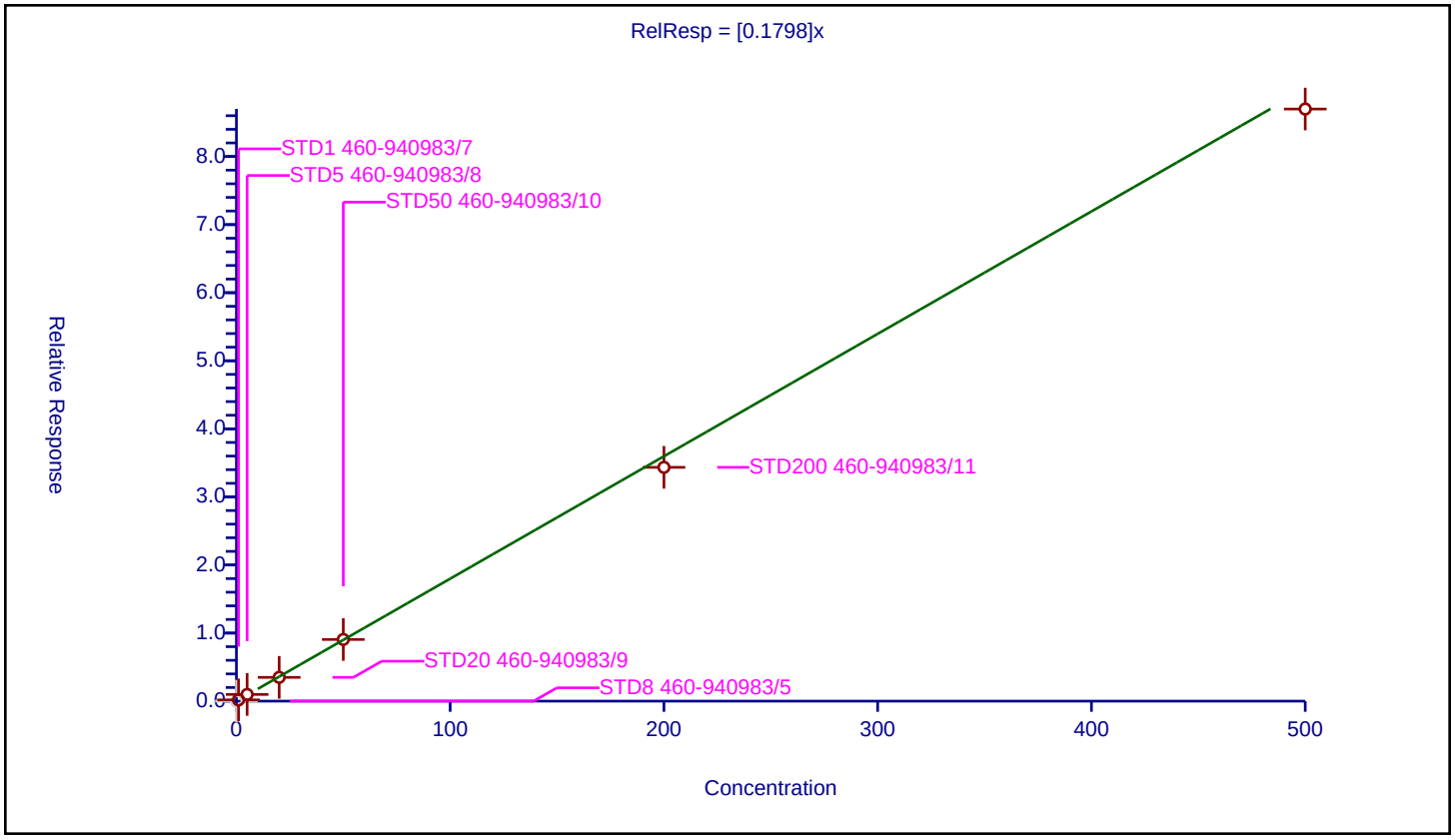
Curve Coefficients

Intercept:	0
Slope:	0.1798

Error Coefficients

Standard Error:	588000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.181006	50.0	562411.0	0.181006	Y
3	STD5 460-940983/8	5.0	0.98339	50.0	576577.0	0.196678	Y
4	STD20 460-940983/9	20.0	3.489989	50.0	598469.0	0.174499	Y
5	STD50 460-940983/10	50.0	9.060068	50.0	628301.0	0.181201	Y
6	STD200 460-940983/11	200.0	34.344662	50.0	653365.0	0.171723	Y
7	STD500 460-940983/12	500.0	86.978996	50.0	707480.0	0.173958	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

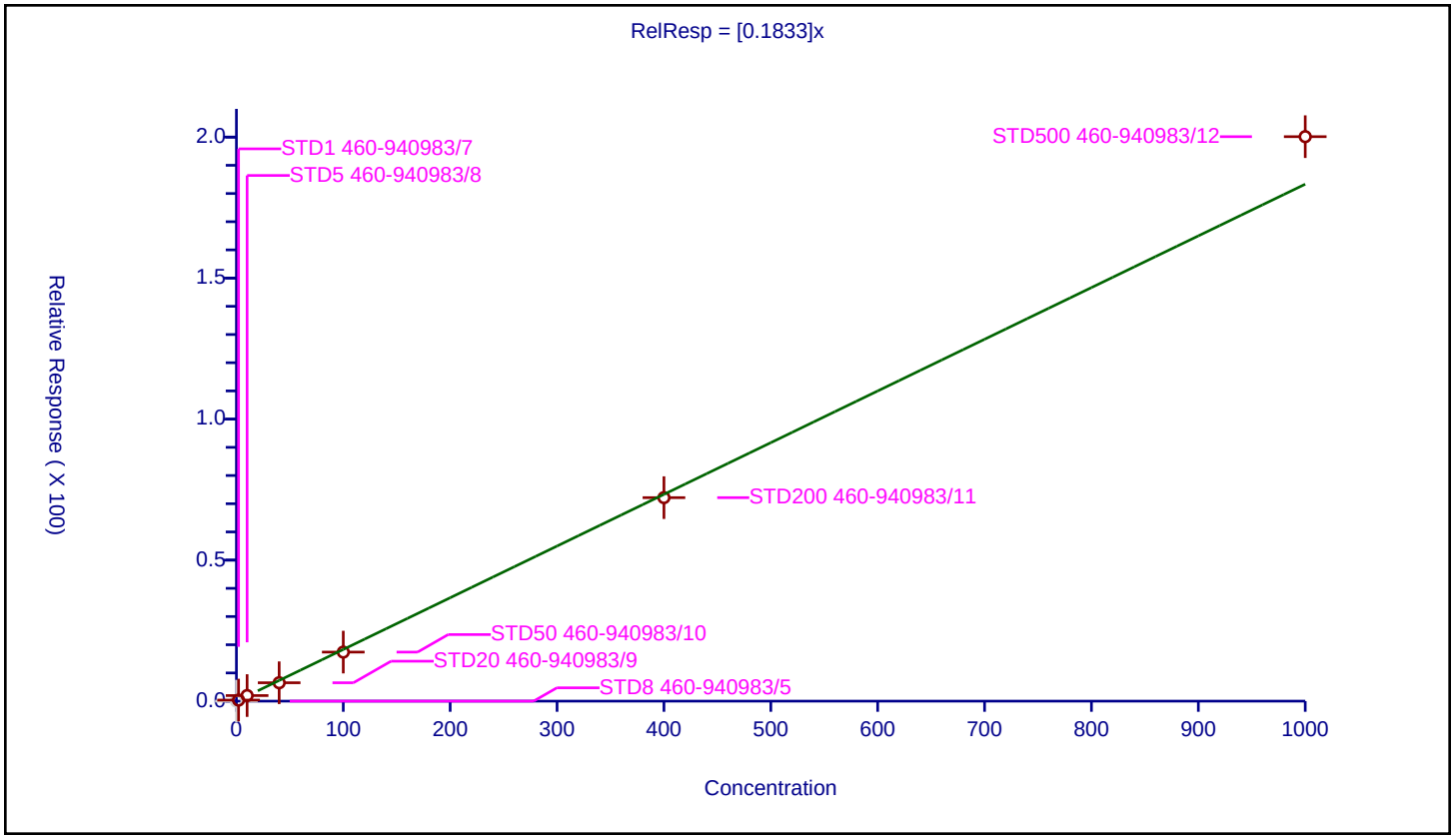
Curve Coefficients

Intercept:	0
Slope:	0.1833

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	7.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.368503	50.0	562411.0	0.184251	Y
3	STD5 460-940983/8	10.0	1.979788	50.0	576577.0	0.197979	Y
4	STD20 460-940983/9	40.0	6.525234	50.0	598469.0	0.163131	Y
5	STD50 460-940983/10	100.0	17.39055	50.0	628301.0	0.173906	Y
6	STD200 460-940983/11	400.0	72.159742	50.0	653365.0	0.180399	Y
7	STD500 460-940983/12	1000.0	200.150817	50.0	707480.0	0.200151	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

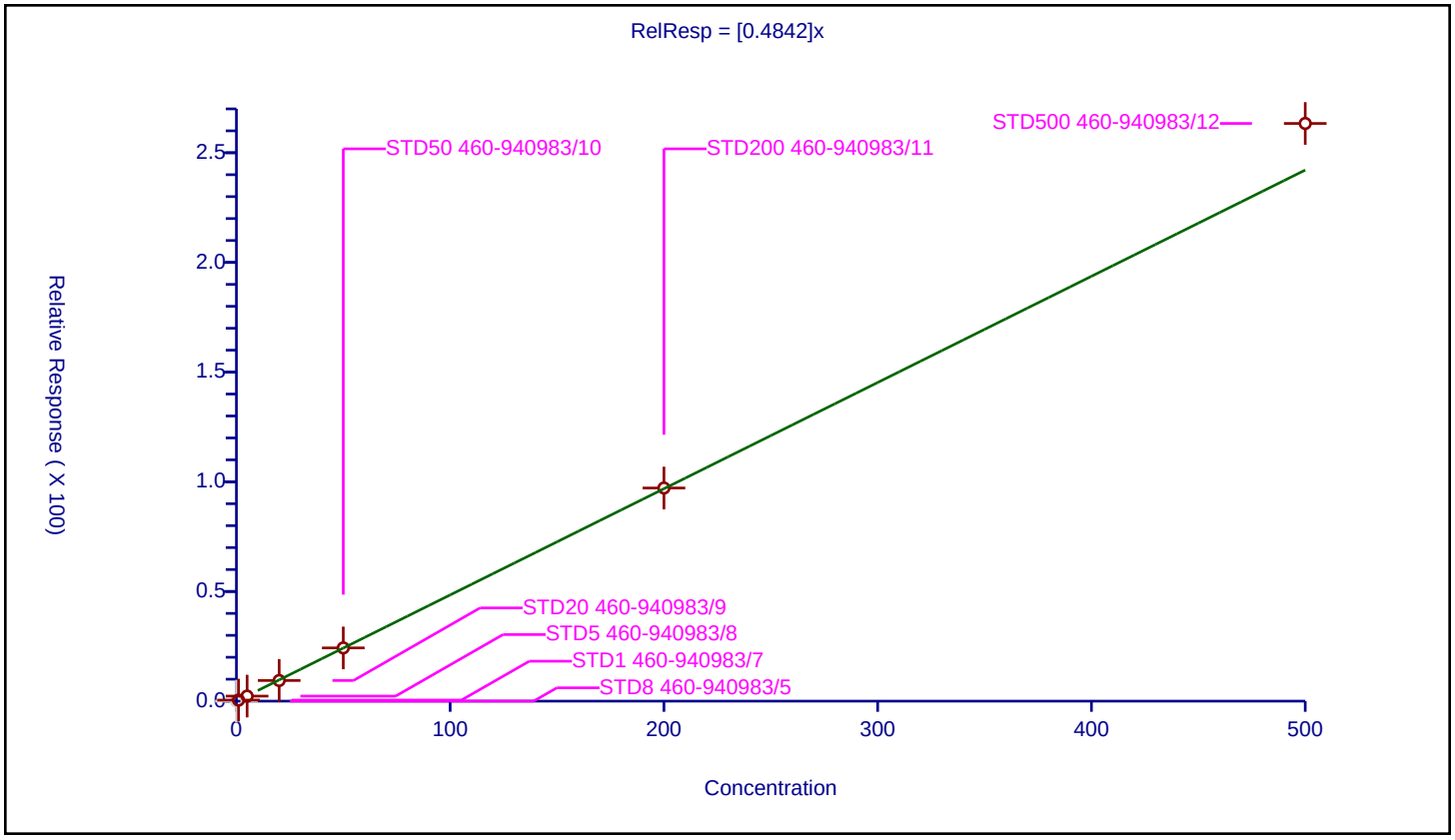
Curve Coefficients

Intercept:	0
Slope:	0.4842

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.476342	50.0	562411.0	0.476342	Y
3	STD5 460-940983/8	5.0	2.303075	50.0	576577.0	0.460615	Y
4	STD20 460-940983/9	20.0	9.407505	50.0	598469.0	0.470375	Y
5	STD50 460-940983/10	50.0	24.270135	50.0	628301.0	0.485403	Y
6	STD200 460-940983/11	200.0	97.167051	50.0	653365.0	0.485835	Y
7	STD500 460-940983/12	500.0	263.352462	50.0	707480.0	0.526705	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

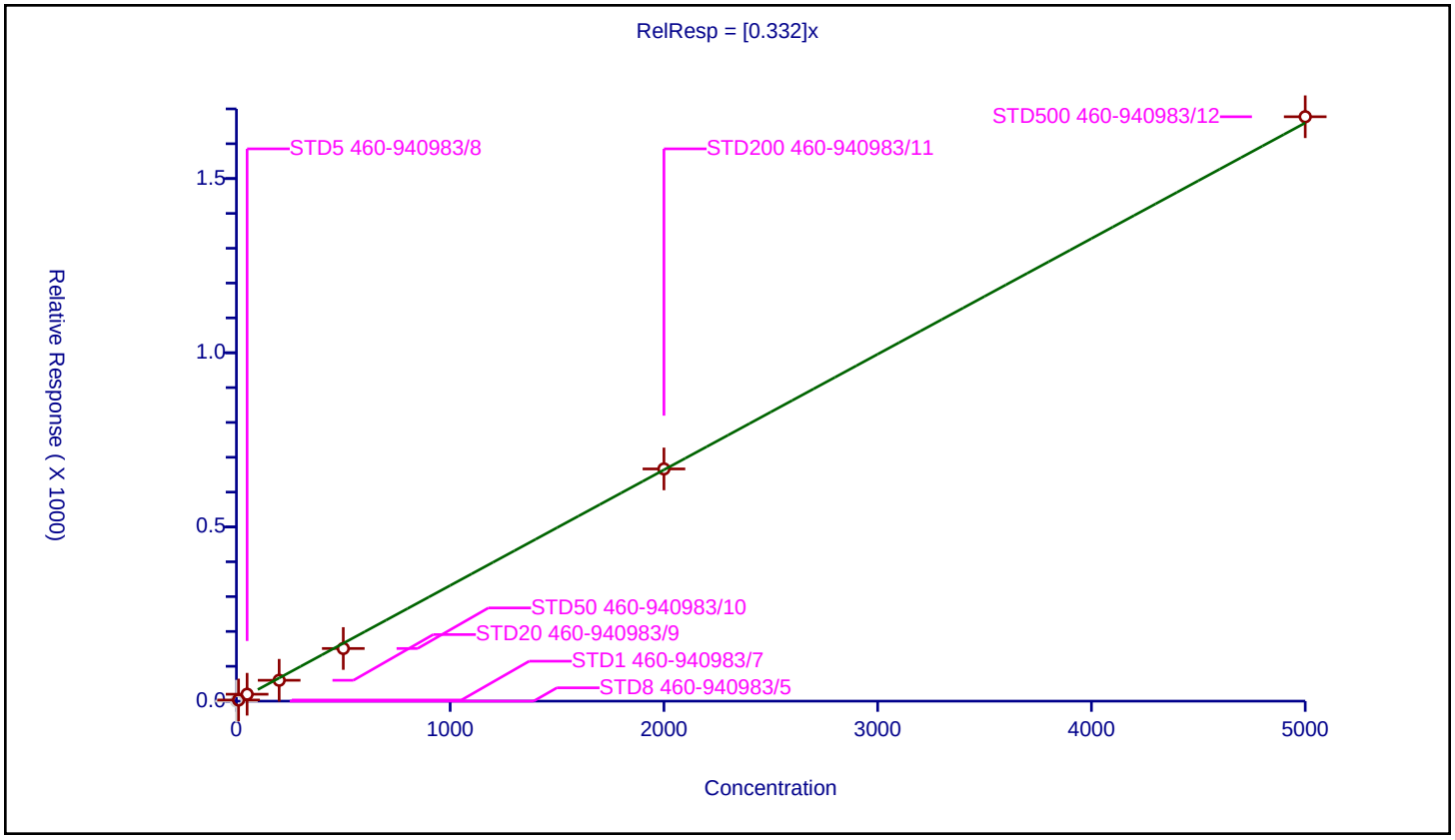
Curve Coefficients

Intercept:	0
Slope:	0.332

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	10.0	3.238986	250.0	244521.0	0.323899	Y
3	STD5 460-940983/8	50.0	19.875004	250.0	259849.0	0.3975	Y
4	STD20 460-940983/9	200.0	59.863477	250.0	278634.0	0.299317	Y
5	STD50 460-940983/10	500.0	151.113629	250.0	294353.0	0.302227	Y
6	STD200 460-940983/11	2000.0	666.552496	250.0	318236.0	0.333276	Y
7	STD500 460-940983/12	5000.0	1677.445462	250.0	368826.0	0.335489	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

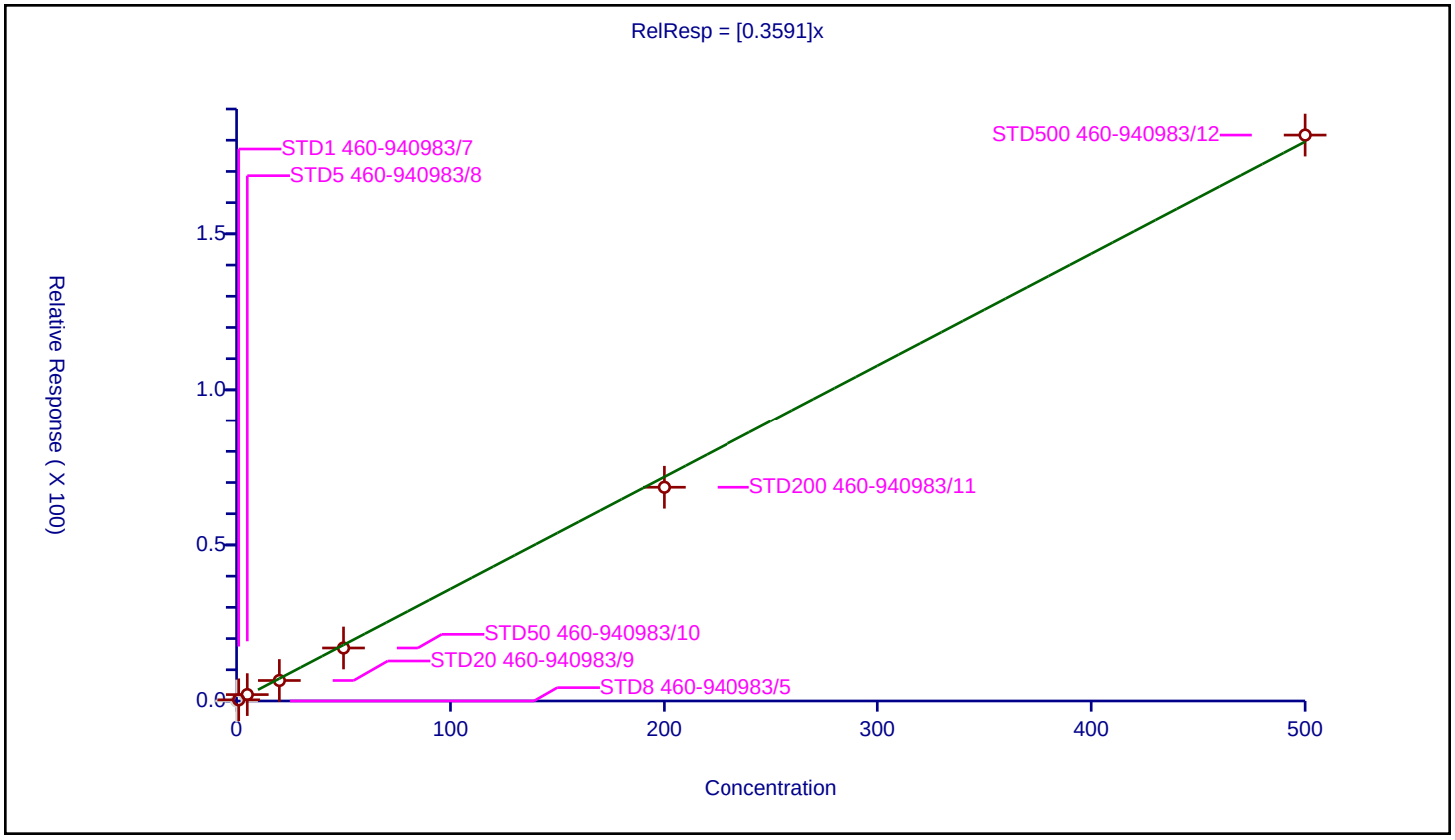
Curve Coefficients

Intercept:	0
Slope:	0.3591

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.370814	50.0	562411.0	0.370814	Y
3	STD5 460-940983/8	5.0	2.049856	50.0	576577.0	0.409971	Y
4	STD20 460-940983/9	20.0	6.5645	50.0	598469.0	0.328225	Y
5	STD50 460-940983/10	50.0	16.982465	50.0	628301.0	0.339649	Y
6	STD200 460-940983/11	200.0	68.491655	50.0	653365.0	0.342458	Y
7	STD500 460-940983/12	500.0	181.654746	50.0	707480.0	0.363309	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

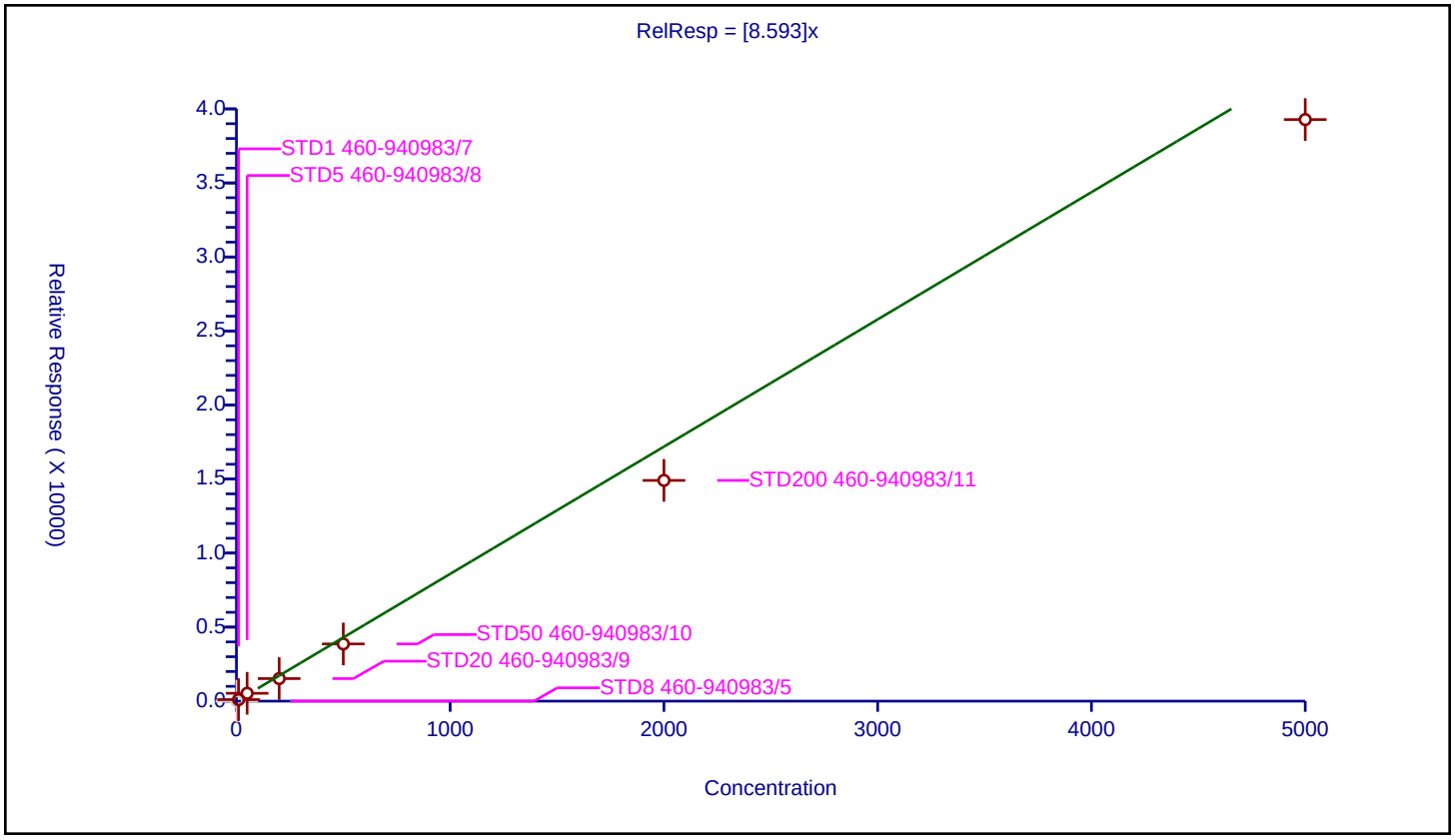
Curve Coefficients

Intercept:	0
Slope:	8.593

Error Coefficients

Standard Error:	815000
Relative Standard Error:	16.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	2.0	0.0	1000.0	30418.0	0.0	N
2	STD1 460-940983/7	10.0	103.213047	1000.0	34889.0	10.321305	Y
3	STD5 460-940983/8	50.0	529.351155	1000.0	34939.0	10.587023	Y
4	STD20 460-940983/9	200.0	1523.118813	1000.0	39297.0	7.615594	Y
5	STD50 460-940983/10	500.0	3863.439717	1000.0	40451.0	7.726879	Y
6	STD200 460-940983/11	2000.0	14908.598588	1000.0	43763.0	7.454299	Y
7	STD500 460-940983/12	5000.0	39278.972279	1000.0	44370.0	7.855794	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

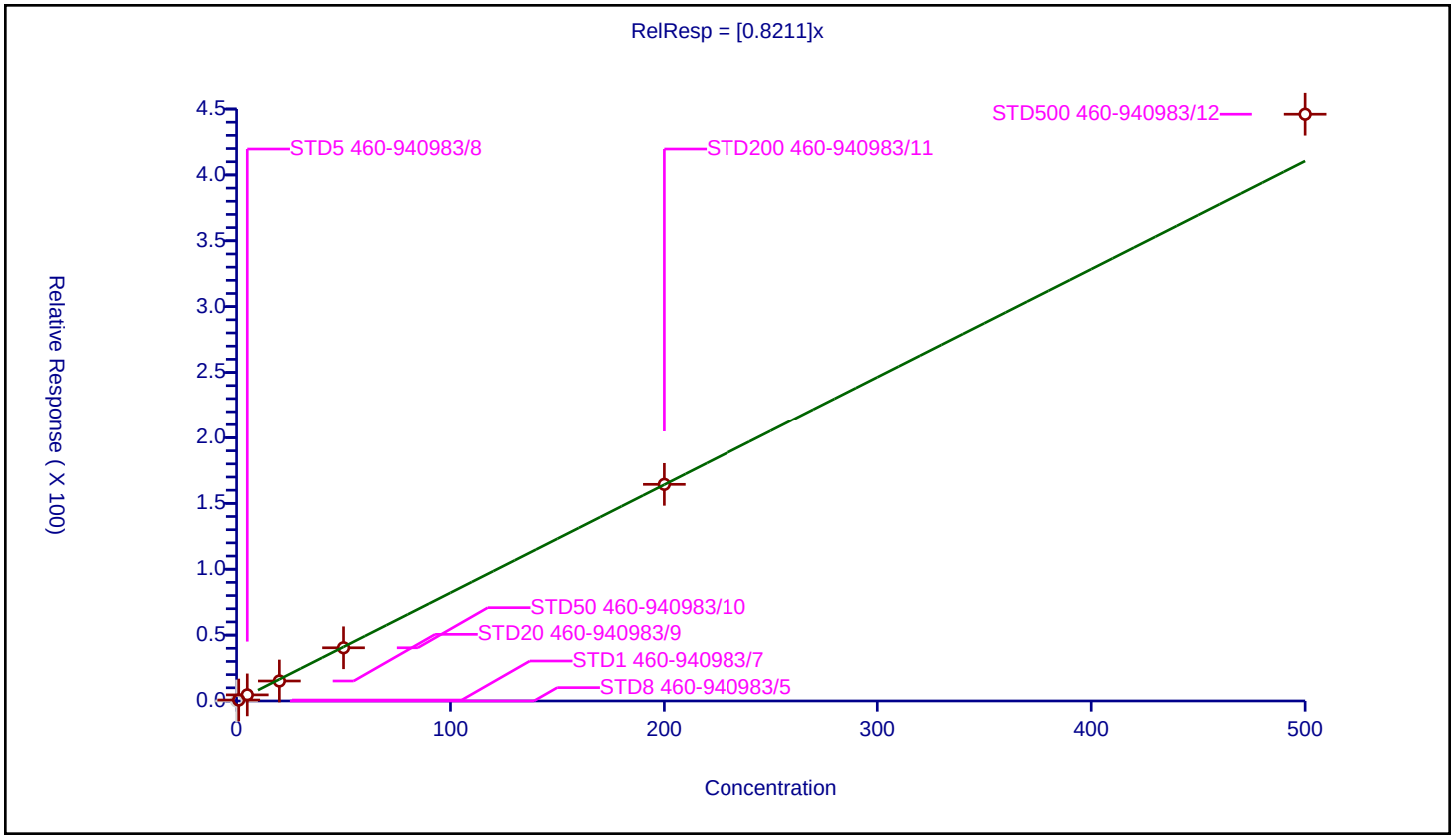
Curve Coefficients

Intercept:	0
Slope:	0.8211

Error Coefficients

Standard Error:	2990000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.723226	50.0	562411.0	0.723226	Y
3	STD5 460-940983/8	5.0	4.616729	50.0	576577.0	0.923346	Y
4	STD20 460-940983/9	20.0	15.159348	50.0	598469.0	0.757967	Y
5	STD50 460-940983/10	50.0	40.386216	50.0	628301.0	0.807724	Y
6	STD200 460-940983/11	200.0	164.444912	50.0	653365.0	0.822225	Y
7	STD500 460-940983/12	500.0	446.049288	50.0	707480.0	0.892099	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

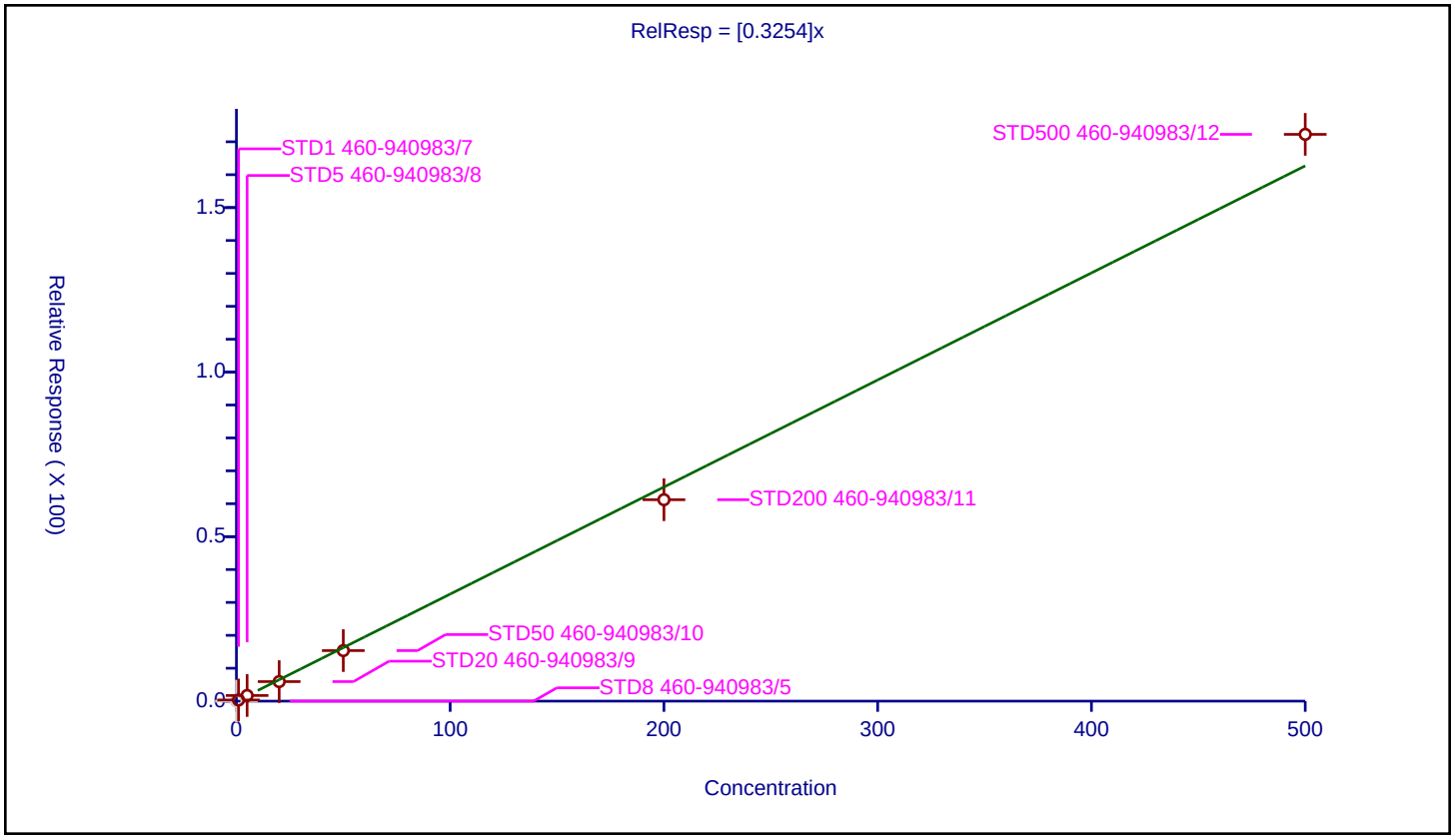
Curve Coefficients

Intercept:	0
Slope:	0.3254

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	7.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.354456	50.0	562411.0	0.354456	Y
3	STD5 460-940983/8	5.0	1.715122	50.0	576577.0	0.343024	Y
4	STD20 460-940983/9	20.0	5.937567	50.0	598469.0	0.296878	Y
5	STD50 460-940983/10	50.0	15.362541	50.0	628301.0	0.307251	Y
6	STD200 460-940983/11	200.0	61.21739	50.0	653365.0	0.306087	Y
7	STD500 460-940983/12	500.0	172.261972	50.0	707480.0	0.344524	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

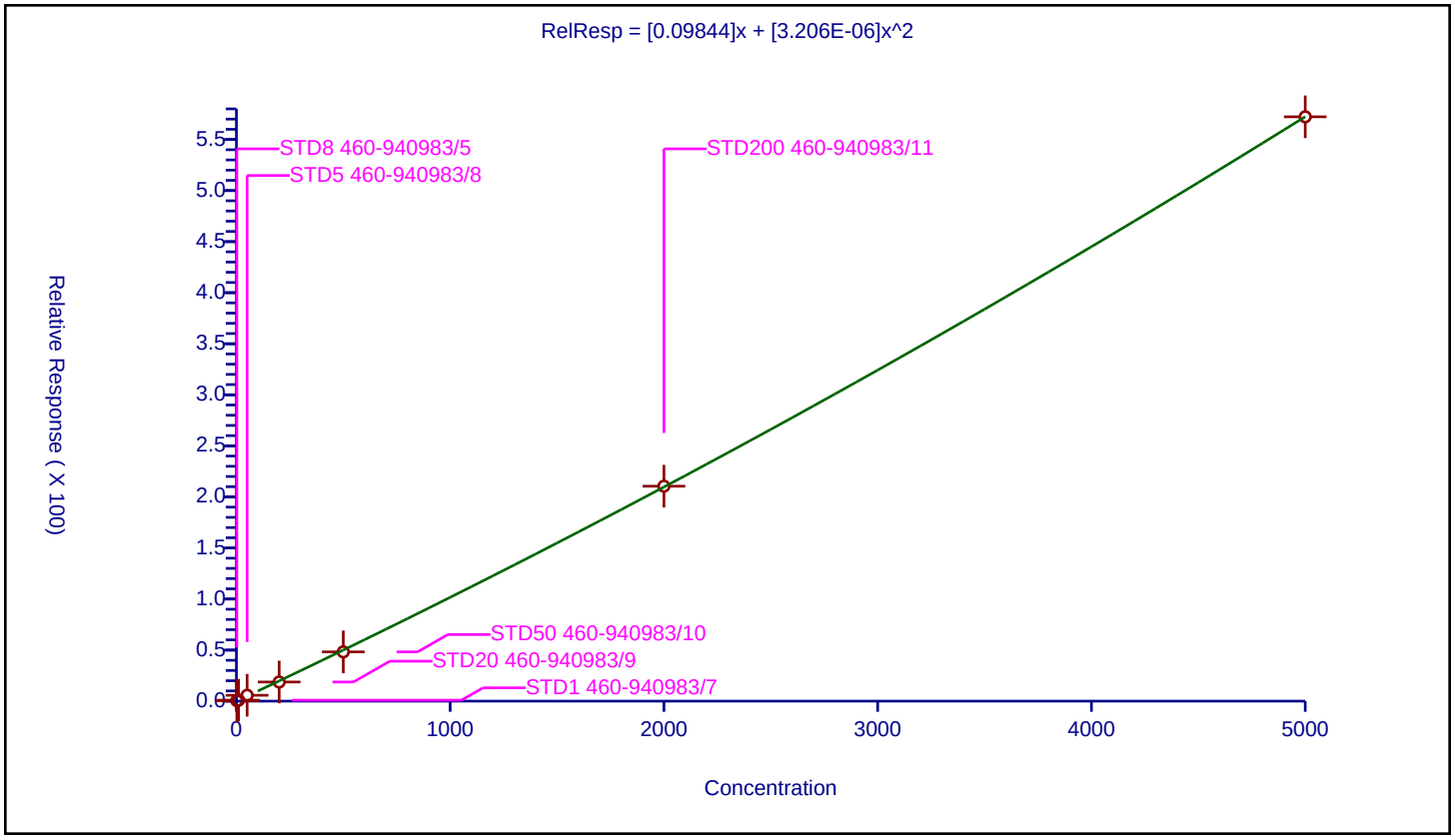
Curve Coefficients

Intercept:	0
Slope:	0.09844
Second Order:	3.206E-06

Error Coefficients

Standard Error:	3840000
Relative Standard Error:	59.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	2.0	0.454084	50.0	510919.0	0.227042	Y
2	STD1 460-940983/7	10.0	0.917301	50.0	562411.0	0.09173	Y
3	STD5 460-940983/8	50.0	5.752311	50.0	576577.0	0.115046	Y
4	STD20 460-940983/9	200.0	18.731212	50.0	598469.0	0.093656	Y
5	STD50 460-940983/10	500.0	48.251077	50.0	628301.0	0.096502	Y
6	STD200 460-940983/11	2000.0	210.516327	50.0	653365.0	0.105258	Y
7	STD500 460-940983/12	5000.0	572.257661	50.0	707480.0	0.114452	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

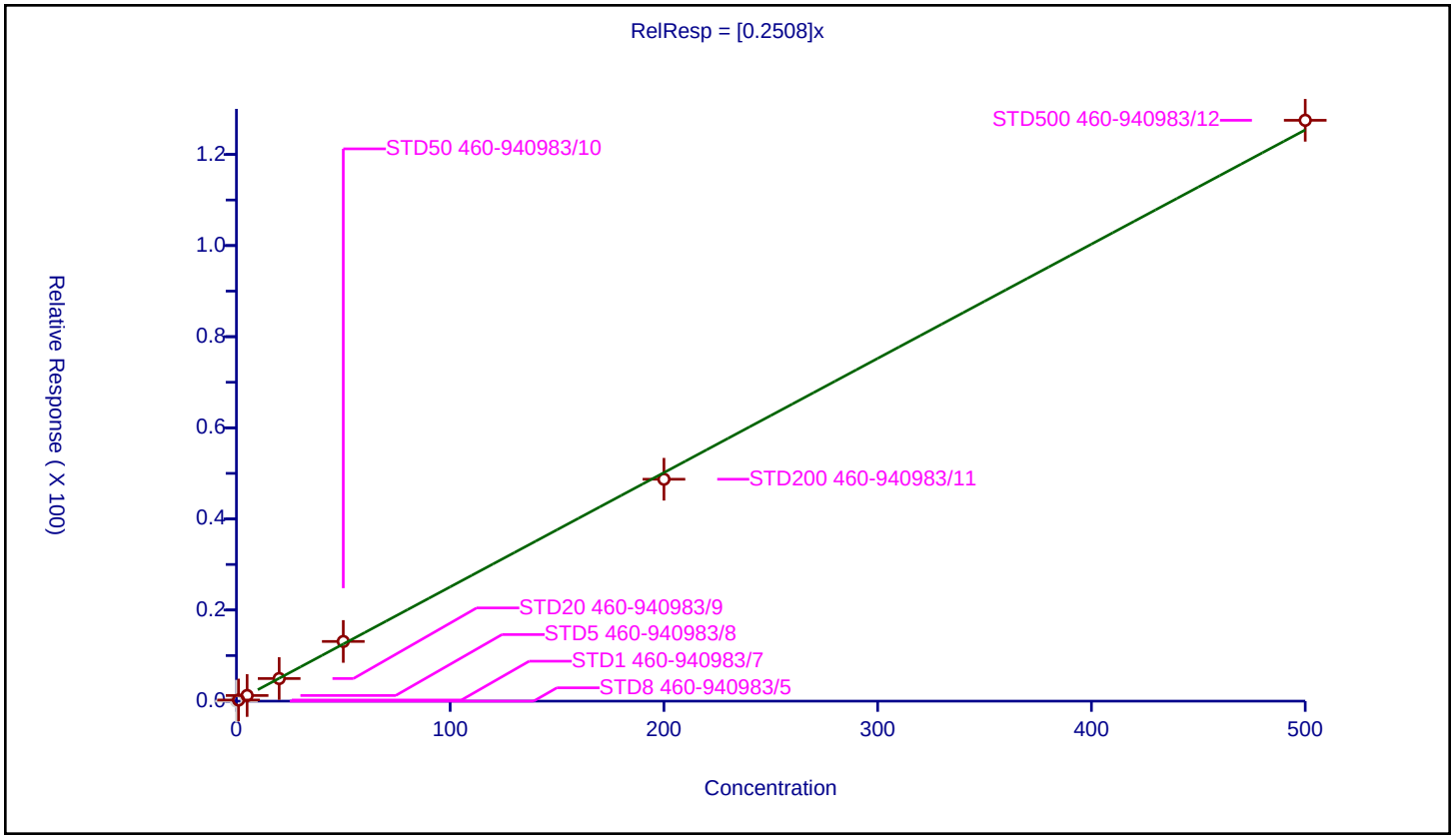
Curve Coefficients

Intercept:	0
Slope:	0.2508

Error Coefficients

Standard Error:	859000
Relative Standard Error:	2.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.248306	50.0	562411.0	0.248306	Y
3	STD5 460-940983/8	5.0	1.239297	50.0	576577.0	0.247859	Y
4	STD20 460-940983/9	20.0	4.958152	50.0	598469.0	0.247908	Y
5	STD50 460-940983/10	50.0	13.102717	50.0	628301.0	0.262054	Y
6	STD200 460-940983/11	200.0	48.710216	50.0	653365.0	0.243551	Y
7	STD500 460-940983/12	500.0	127.499505	50.0	707480.0	0.254999	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

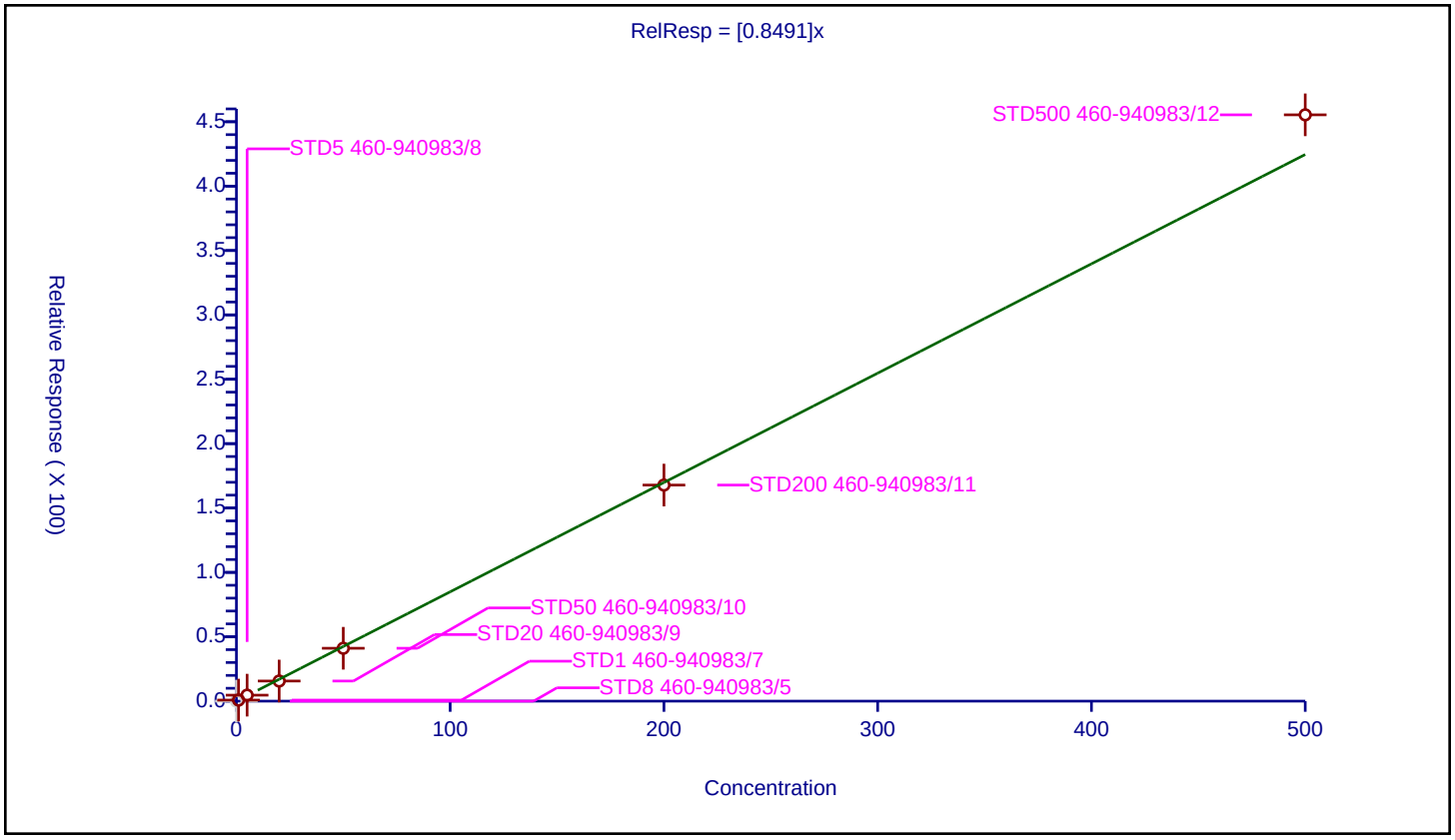
Curve Coefficients

Intercept:	0
Slope:	0.8491

Error Coefficients

Standard Error:	3050000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.813106	50.0	562411.0	0.813106	Y
3	STD5 460-940983/8	5.0	4.646127	50.0	576577.0	0.929225	Y
4	STD20 460-940983/9	20.0	15.621528	50.0	598469.0	0.781076	Y
5	STD50 460-940983/10	50.0	41.066384	50.0	628301.0	0.821328	Y
6	STD200 460-940983/11	200.0	167.830921	50.0	653365.0	0.839155	Y
7	STD500 460-940983/12	500.0	455.387078	50.0	707480.0	0.910774	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

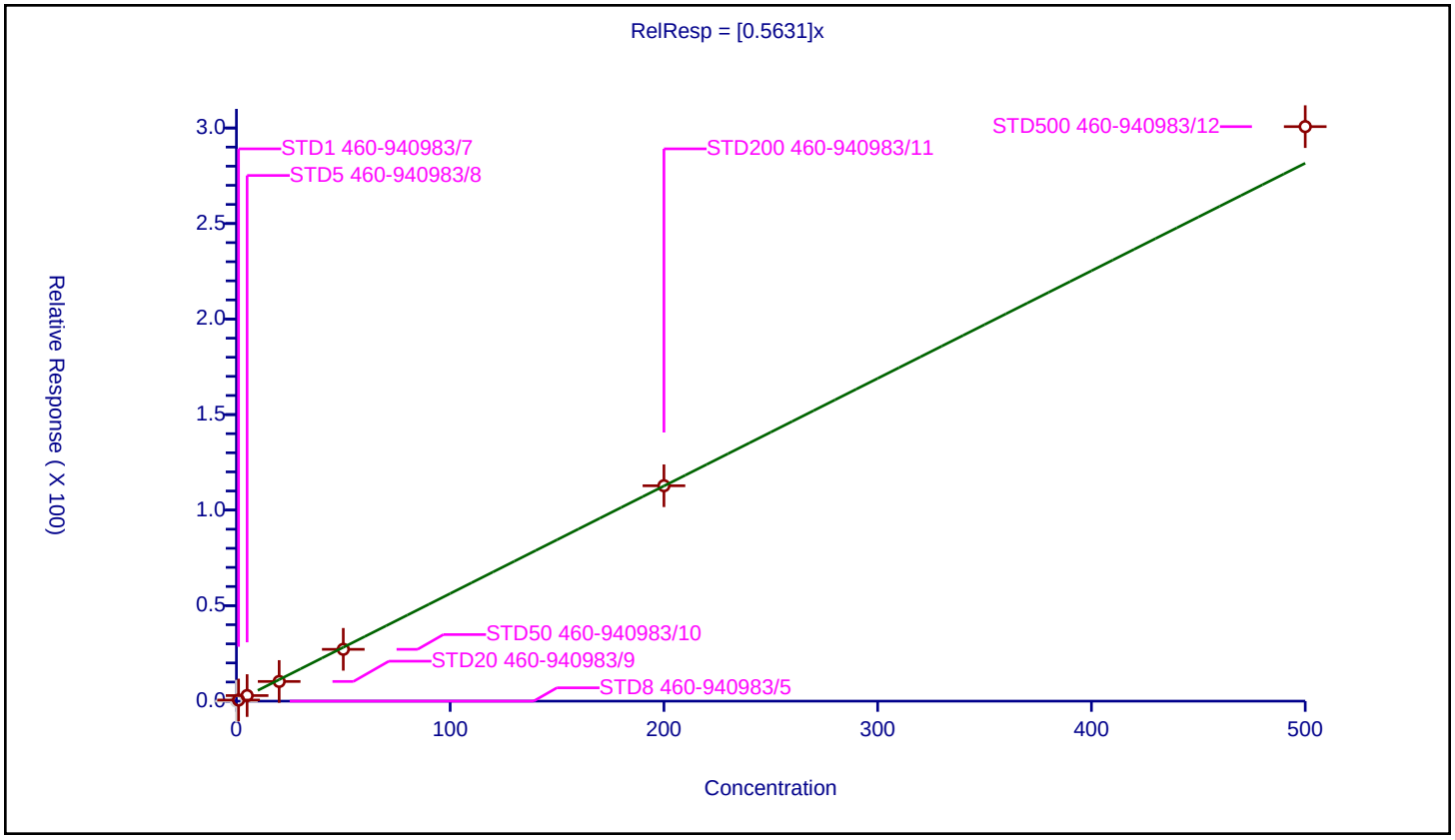
Curve Coefficients

Intercept:	0
Slope:	0.5631

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.572268	50.0	562411.0	0.572268	Y
3	STD5 460-940983/8	5.0	2.919645	50.0	576577.0	0.583929	Y
4	STD20 460-940983/9	20.0	10.299865	50.0	598469.0	0.514993	Y
5	STD50 460-940983/10	50.0	27.118133	50.0	628301.0	0.542363	Y
6	STD200 460-940983/11	200.0	112.748311	50.0	653365.0	0.563742	Y
7	STD500 460-940983/12	500.0	300.717617	50.0	707480.0	0.601435	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

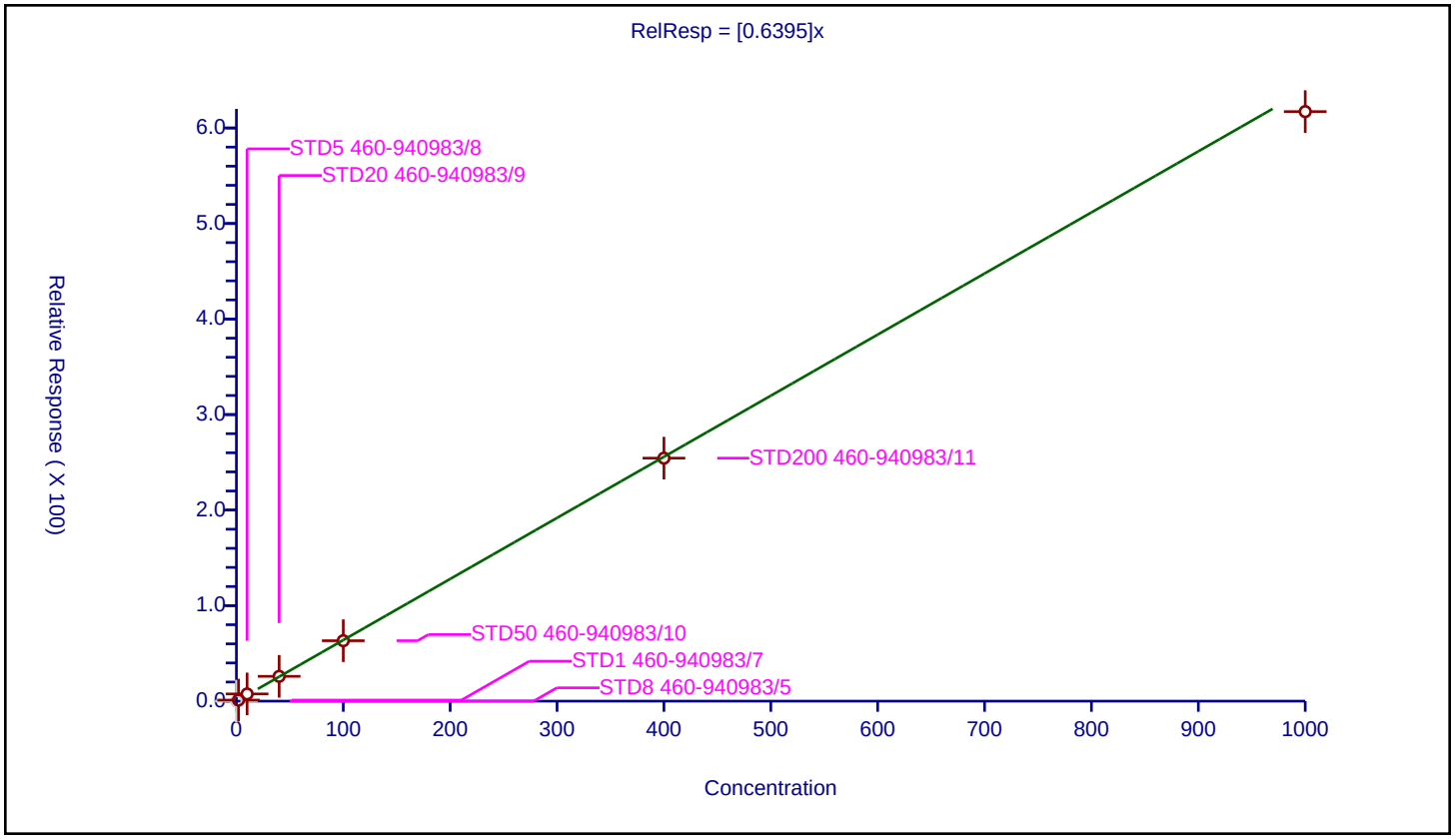
Curve Coefficients

Intercept:	0
Slope:	0.6395

Error Coefficients

Standard Error:	433000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	1.093976	250.0	244521.0	0.546988	Y
3	STD5 460-940983/8	10.0	7.551501	250.0	259849.0	0.75515	Y
4	STD20 460-940983/9	40.0	25.977627	250.0	278634.0	0.649441	Y
5	STD50 460-940983/10	100.0	63.243792	250.0	294353.0	0.632438	Y
6	STD200 460-940983/11	400.0	254.369399	250.0	318236.0	0.635923	Y
7	STD500 460-940983/12	1000.0	617.165682	250.0	368826.0	0.617166	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

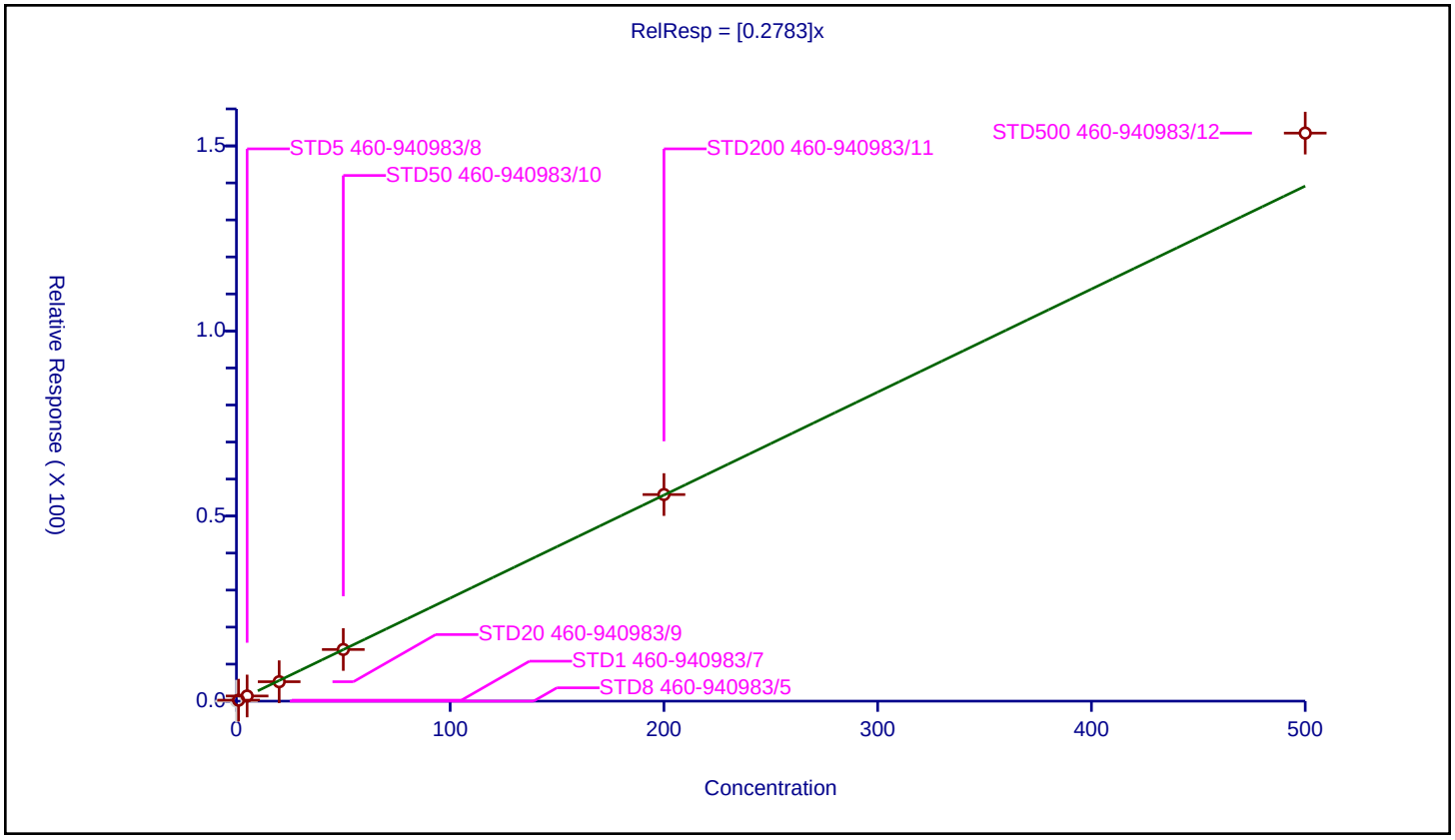
Curve Coefficients

Intercept:	0
Slope:	0.2783

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.263419	50.0	562411.0	0.263419	Y
3	STD5 460-940983/8	5.0	1.395304	50.0	576577.0	0.279061	Y
4	STD20 460-940983/9	20.0	5.245384	50.0	598469.0	0.262269	Y
5	STD50 460-940983/10	50.0	13.956925	50.0	628301.0	0.279139	Y
6	STD200 460-940983/11	200.0	55.810688	50.0	653365.0	0.279053	Y
7	STD500 460-940983/12	500.0	153.4572	50.0	707480.0	0.306914	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

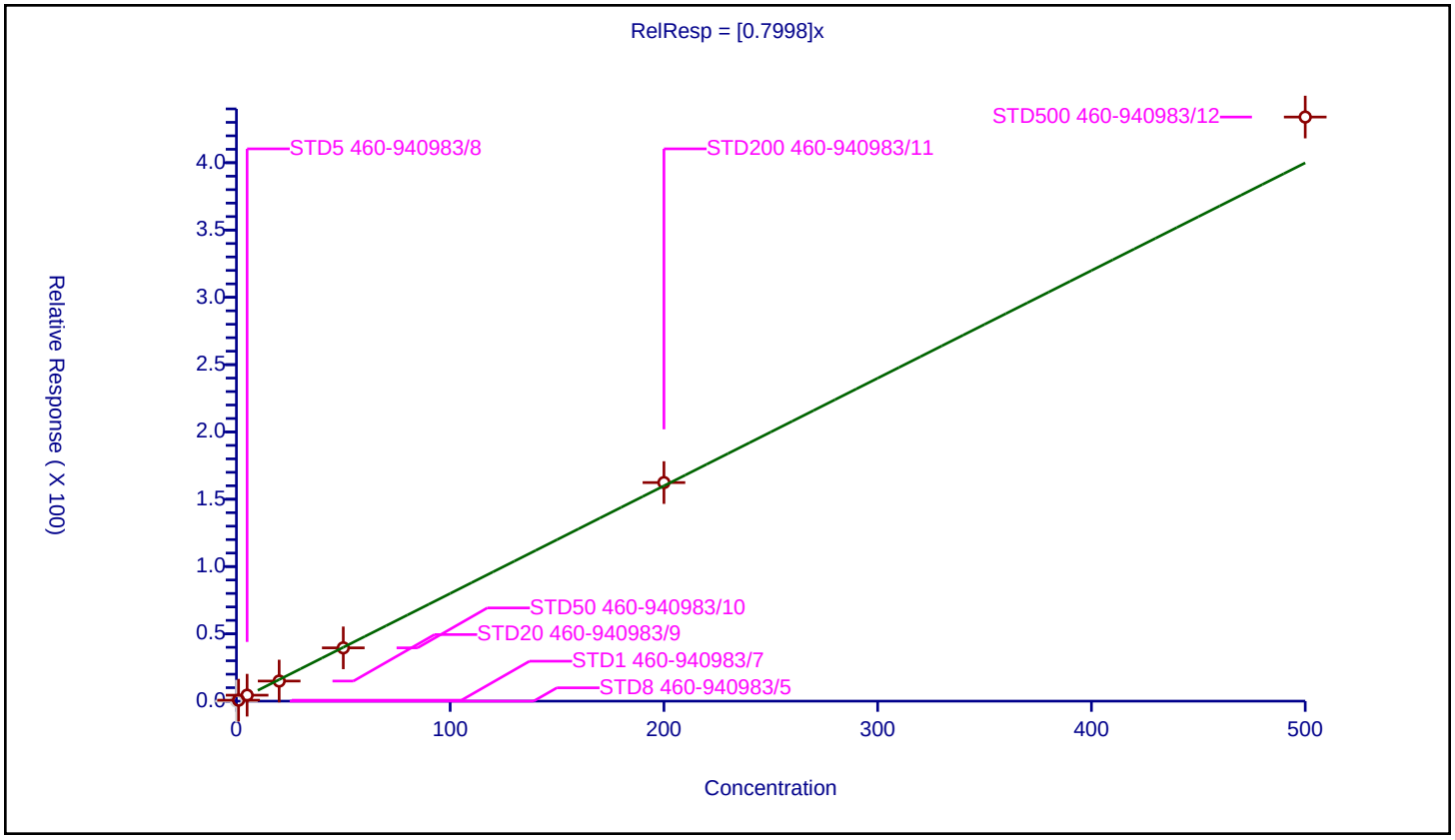
Curve Coefficients

Intercept:	0
Slope:	0.7998

Error Coefficients

Standard Error:	2910000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.698422	50.0	562411.0	0.698422	Y
3	STD5 460-940983/8	5.0	4.413374	50.0	576577.0	0.882675	Y
4	STD20 460-940983/9	20.0	14.920656	50.0	598469.0	0.746033	Y
5	STD50 460-940983/10	50.0	39.585247	50.0	628301.0	0.791705	Y
6	STD200 460-940983/11	200.0	162.381517	50.0	653365.0	0.811908	Y
7	STD500 460-940983/12	500.0	433.935871	50.0	707480.0	0.867872	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

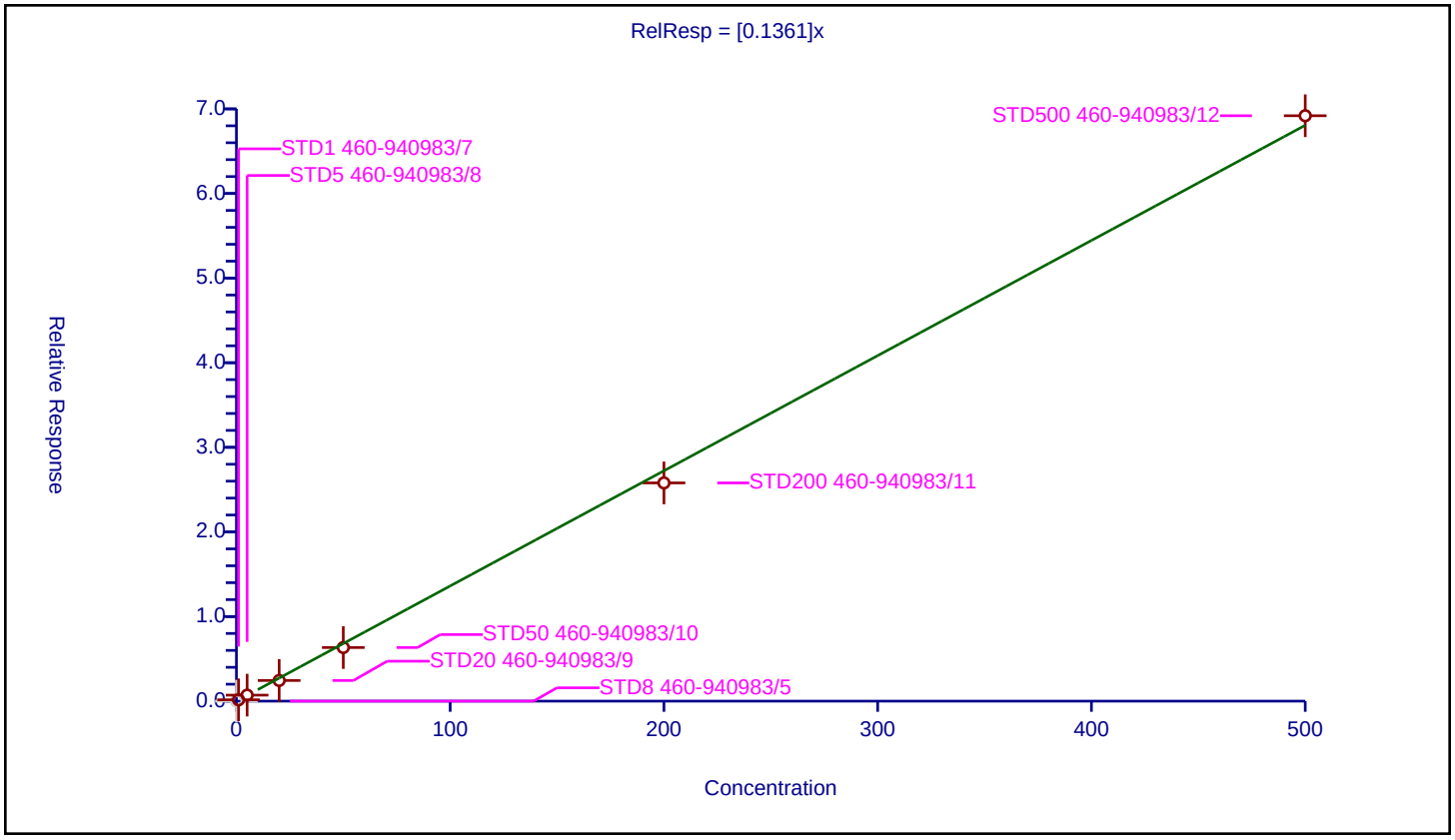
Curve Coefficients

Intercept:	0
Slope:	0.1361

Error Coefficients

Standard Error:	465000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.158692	50.0	562411.0	0.158692	Y
3	STD5 460-940983/8	5.0	0.710139	50.0	576577.0	0.142028	Y
4	STD20 460-940983/9	20.0	2.440394	50.0	598469.0	0.12202	Y
5	STD50 460-940983/10	50.0	6.333827	50.0	628301.0	0.126677	Y
6	STD200 460-940983/11	200.0	25.792245	50.0	653365.0	0.128961	Y
7	STD500 460-940983/12	500.0	69.191709	50.0	707480.0	0.138383	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

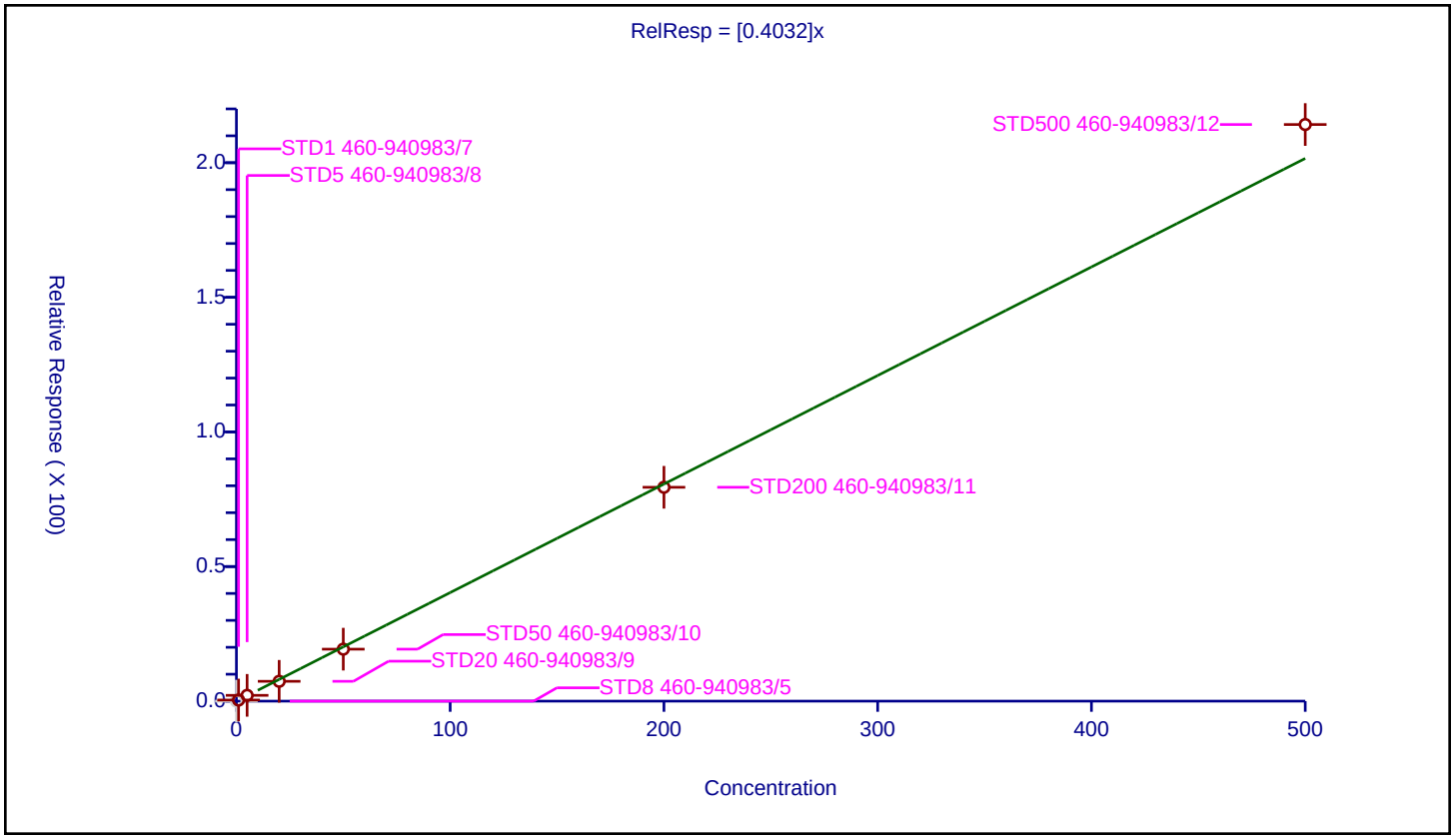
Curve Coefficients

Intercept:	0
Slope:	0.4032

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.409042	50.0	562411.0	0.409042	Y
3	STD5 460-940983/8	5.0	2.150016	50.0	576577.0	0.430003	Y
4	STD20 460-940983/9	20.0	7.366631	50.0	598469.0	0.368332	Y
5	STD50 460-940983/10	50.0	19.310649	50.0	628301.0	0.386213	Y
6	STD200 460-940983/11	200.0	79.438522	50.0	653365.0	0.397193	Y
7	STD500 460-940983/12	500.0	214.194606	50.0	707480.0	0.428389	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

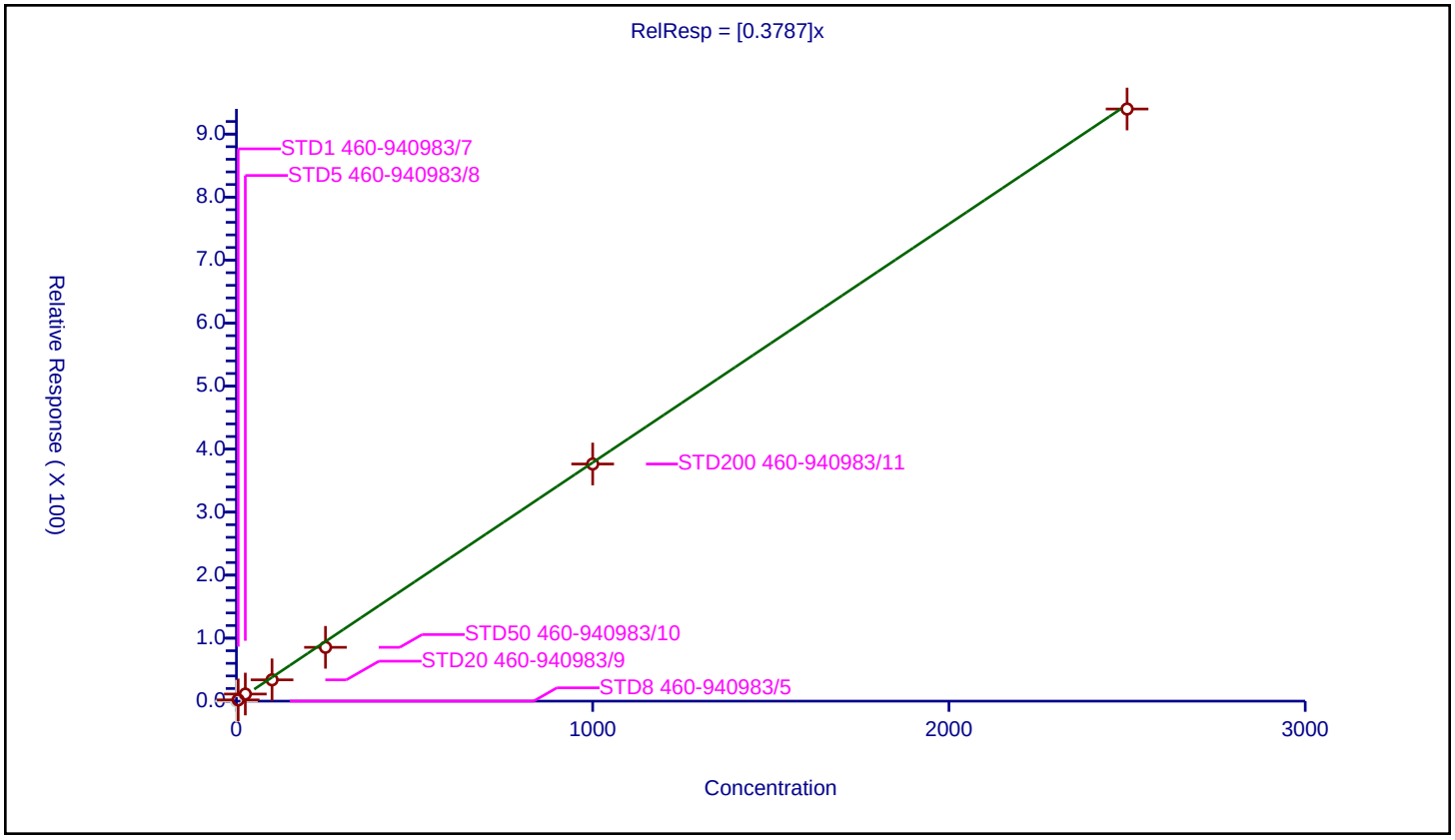
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Standard Error:	657000
Relative Standard Error:	10.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	1.94973	250.0	244521.0	0.389946	Y
3	STD5 460-940983/8	25.0	11.258462	250.0	259849.0	0.450338	Y
4	STD20 460-940983/9	100.0	33.776388	250.0	278634.0	0.337764	Y
5	STD50 460-940983/10	250.0	85.392369	250.0	294353.0	0.341569	Y
6	STD200 460-940983/11	1000.0	376.365339	250.0	318236.0	0.376365	Y
7	STD500 460-940983/12	2500.0	939.836807	250.0	368826.0	0.375935	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

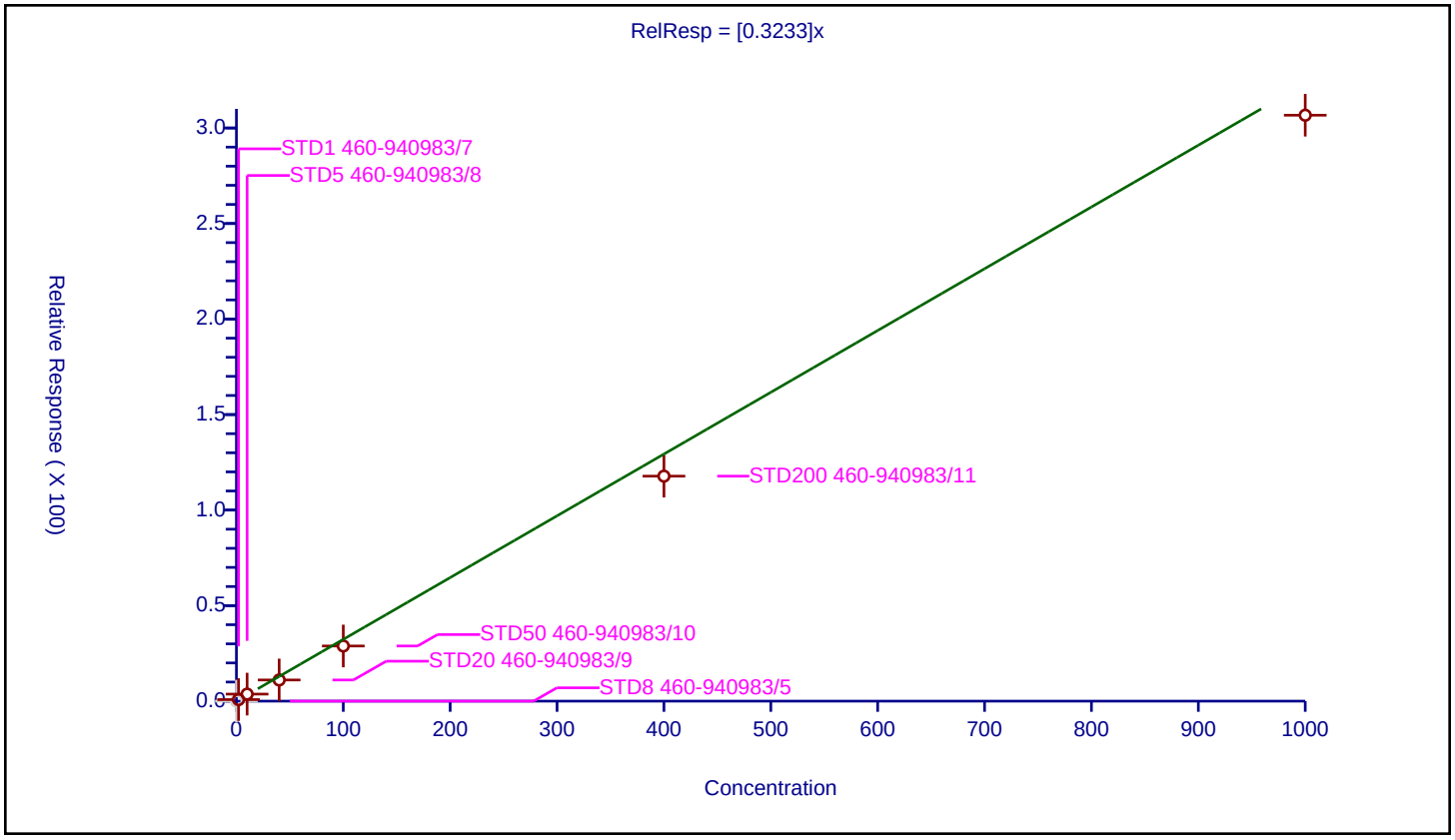
Curve Coefficients

Intercept:	0
Slope:	0.3233

Error Coefficients

Standard Error:	214000
Relative Standard Error:	15.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	0.809746	250.0	244521.0	0.404873	Y
3	STD5 460-940983/8	10.0	3.684832	250.0	259849.0	0.368483	Y
4	STD20 460-940983/9	40.0	11.071872	250.0	278634.0	0.276797	Y
5	STD50 460-940983/10	100.0	28.864153	250.0	294353.0	0.288642	Y
6	STD200 460-940983/11	400.0	117.770303	250.0	318236.0	0.294426	Y
7	STD500 460-940983/12	1000.0	306.690011	250.0	368826.0	0.30669	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

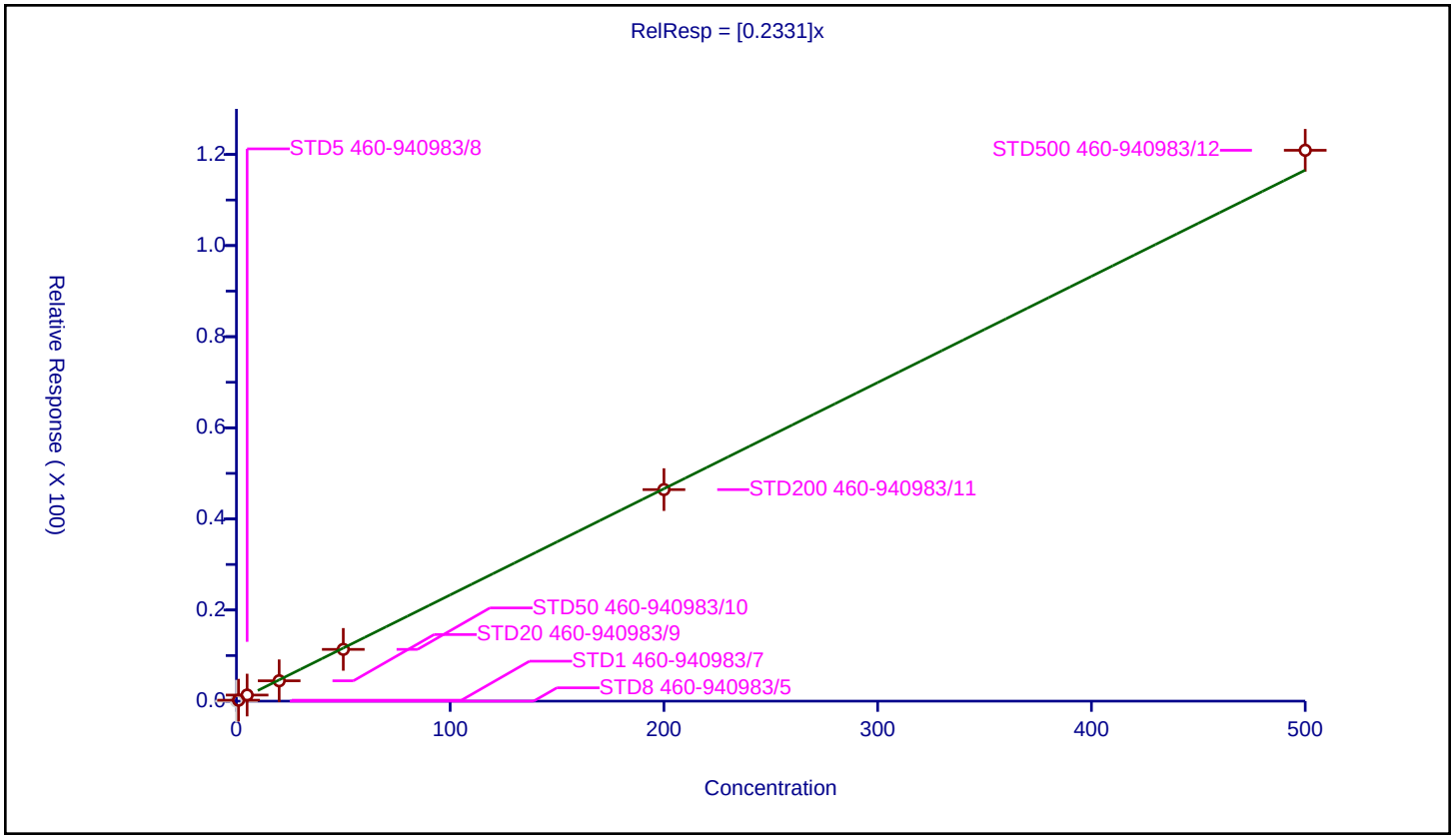
Curve Coefficients

Intercept:	0
Slope:	0.2331

Error Coefficients

Standard Error:	815000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.207055	50.0	562411.0	0.207055	Y
3	STD5 460-940983/8	5.0	1.334861	50.0	576577.0	0.266972	Y
4	STD20 460-940983/9	20.0	4.468569	50.0	598469.0	0.223428	Y
5	STD50 460-940983/10	50.0	11.362627	50.0	628301.0	0.227253	Y
6	STD200 460-940983/11	200.0	46.431244	50.0	653365.0	0.232156	Y
7	STD500 460-940983/12	500.0	120.914513	50.0	707480.0	0.241829	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

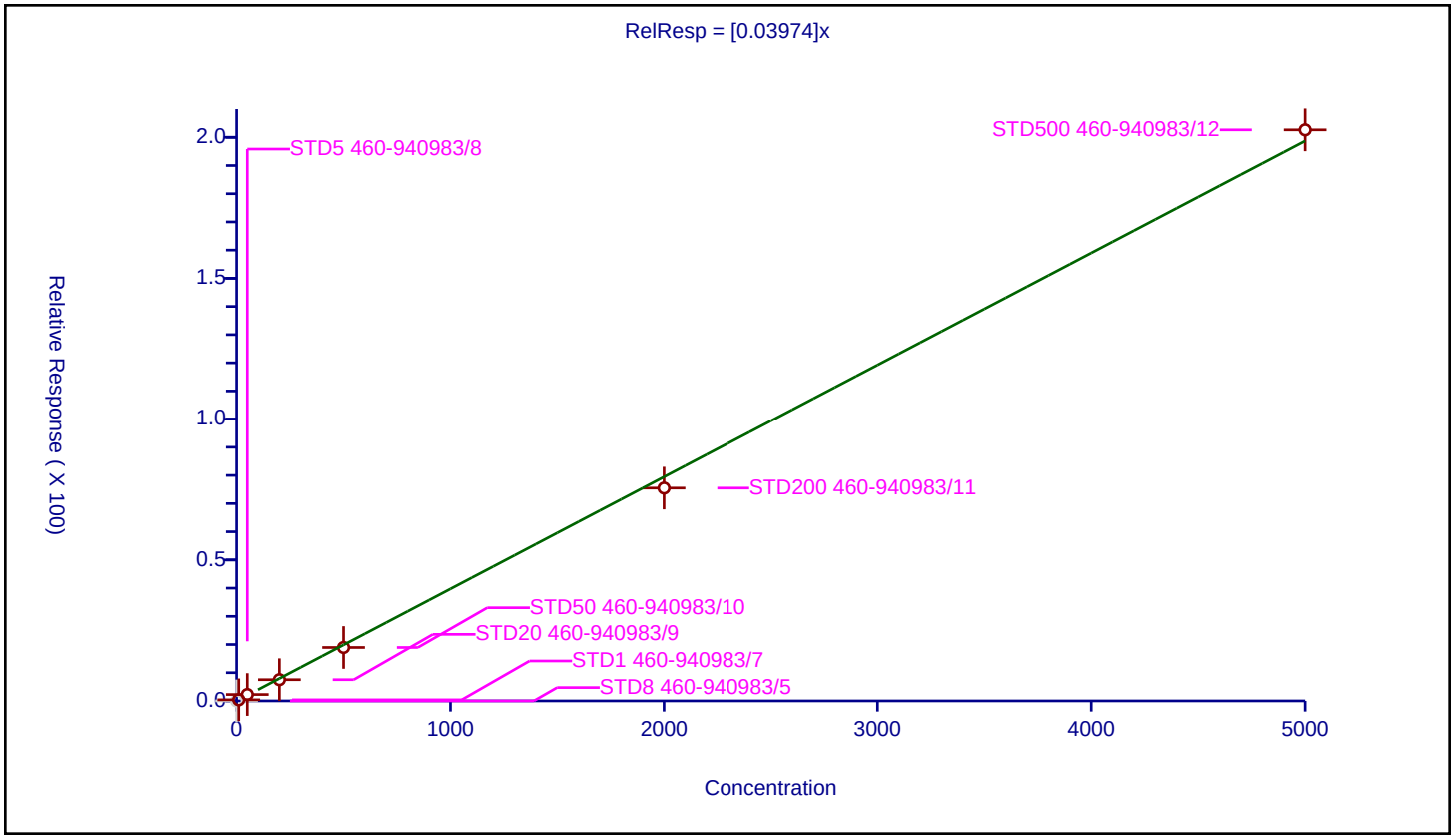
Curve Coefficients

Intercept:	0
Slope:	0.03974

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	7.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	10.0	0.393484	50.0	562411.0	0.039348	Y
3	STD5 460-940983/8	50.0	2.264832	50.0	576577.0	0.045297	Y
4	STD20 460-940983/9	200.0	7.524868	50.0	598469.0	0.037624	Y
5	STD50 460-940983/10	500.0	18.953018	50.0	628301.0	0.037906	Y
6	STD200 460-940983/11	2000.0	75.510243	50.0	653365.0	0.037755	Y
7	STD500 460-940983/12	5000.0	202.638732	50.0	707480.0	0.040528	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

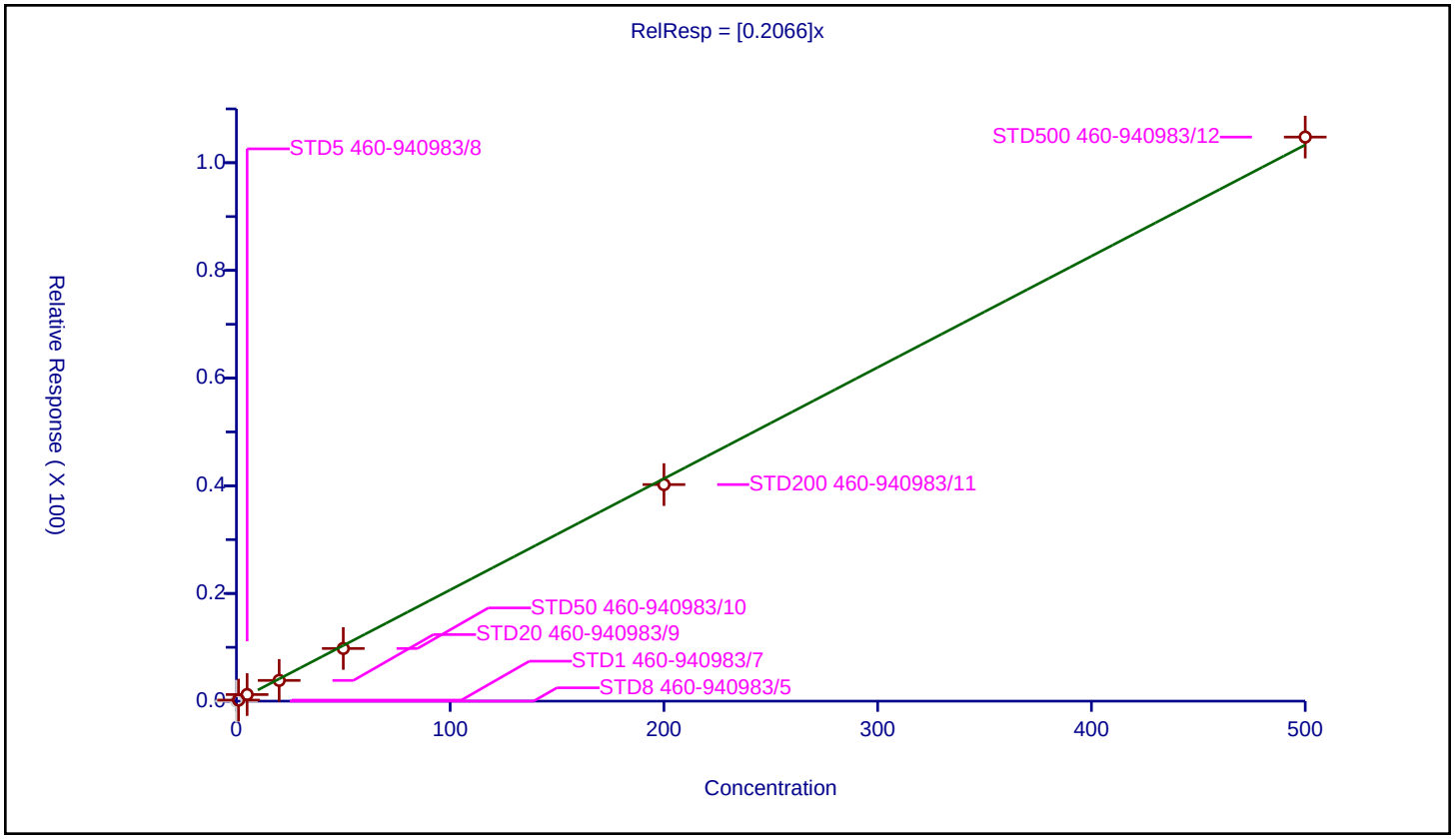
Curve Coefficients

Intercept:	0
Slope:	0.2066

Error Coefficients

Standard Error:	706000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.195942	50.0	562411.0	0.195942	Y
3	STD5 460-940983/8	5.0	1.224555	50.0	576577.0	0.244911	Y
4	STD20 460-940983/9	20.0	3.851912	50.0	598469.0	0.192596	Y
5	STD50 460-940983/10	50.0	9.782732	50.0	628301.0	0.195655	Y
6	STD200 460-940983/11	200.0	40.222617	50.0	653365.0	0.201113	Y
7	STD500 460-940983/12	500.0	104.765223	50.0	707480.0	0.20953	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

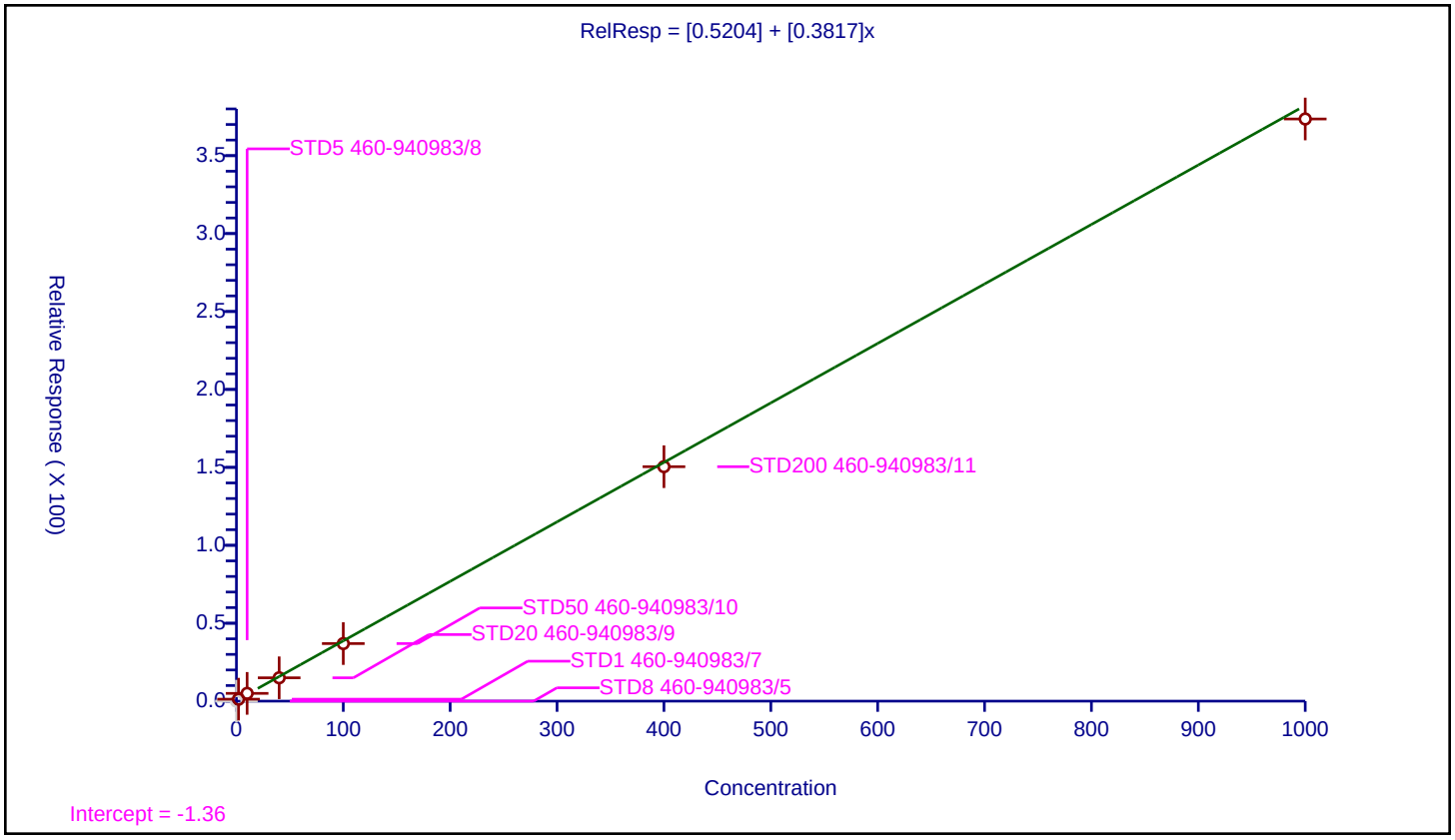
Curve Coefficients

Intercept:	0.5204
Slope:	0.3817

Error Coefficients

Standard Error:	292000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	1.260628	250.0	244521.0	0.630314	Y
3	STD5 460-940983/8	10.0	4.985588	250.0	259849.0	0.498559	Y
4	STD20 460-940983/9	40.0	14.977533	250.0	278634.0	0.374438	Y
5	STD50 460-940983/10	100.0	36.930998	250.0	294353.0	0.36931	Y
6	STD200 460-940983/11	400.0	150.433955	250.0	318236.0	0.376085	Y
7	STD500 460-940983/12	1000.0	373.526405	250.0	368826.0	0.373526	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

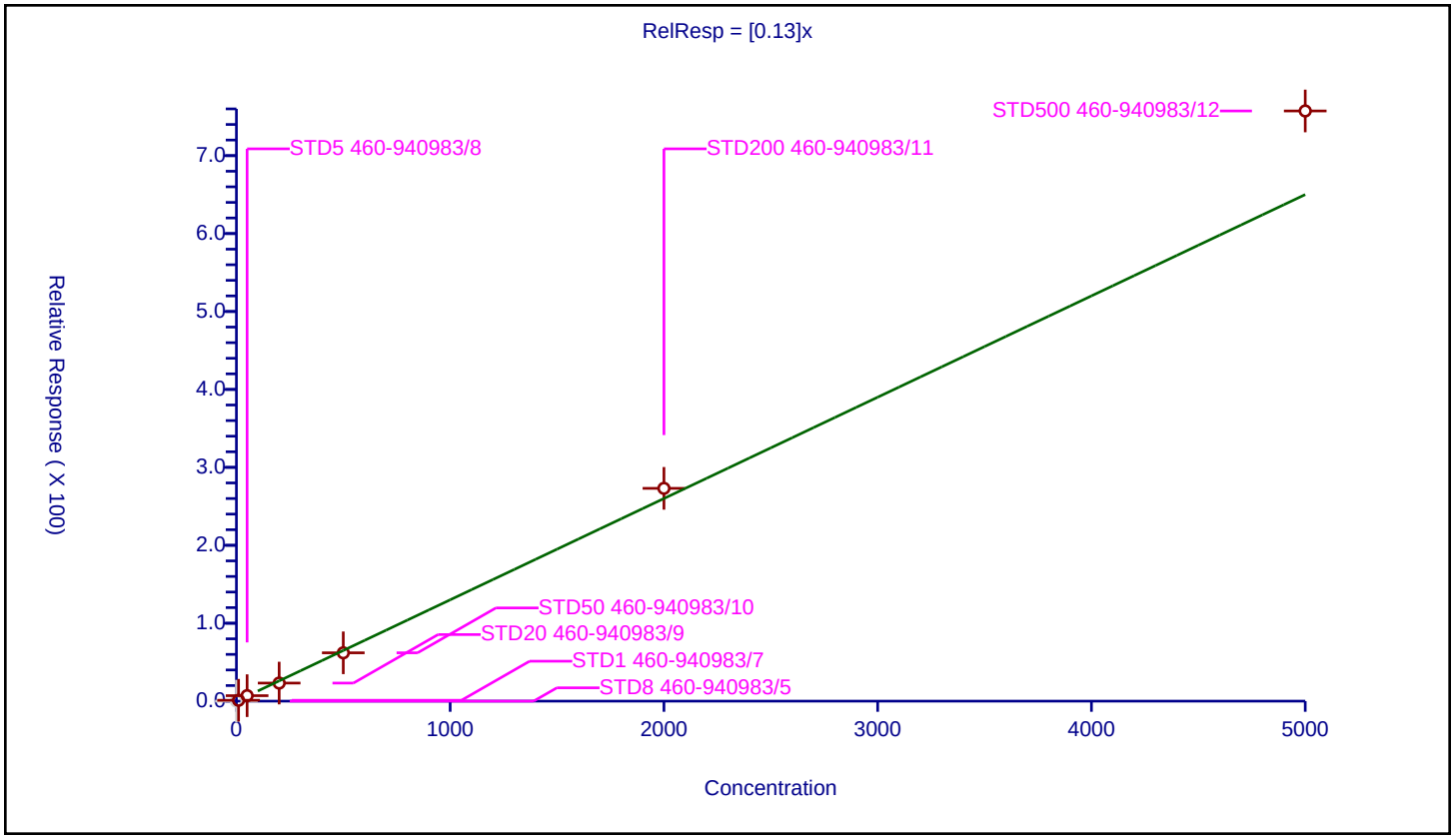
Curve Coefficients

Intercept:	0
Slope:	0.13

Error Coefficients

Standard Error:	5060000
Relative Standard Error:	11.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	10.0	1.115643	50.0	562411.0	0.111564	Y
3	STD5 460-940983/8	50.0	7.024907	50.0	576577.0	0.140498	Y
4	STD20 460-940983/9	200.0	23.192262	50.0	598469.0	0.115961	Y
5	STD50 460-940983/10	500.0	62.008178	50.0	628301.0	0.124016	Y
6	STD200 460-940983/11	2000.0	273.065821	50.0	653365.0	0.136533	Y
7	STD500 460-940983/12	5000.0	757.340985	50.0	707480.0	0.151468	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

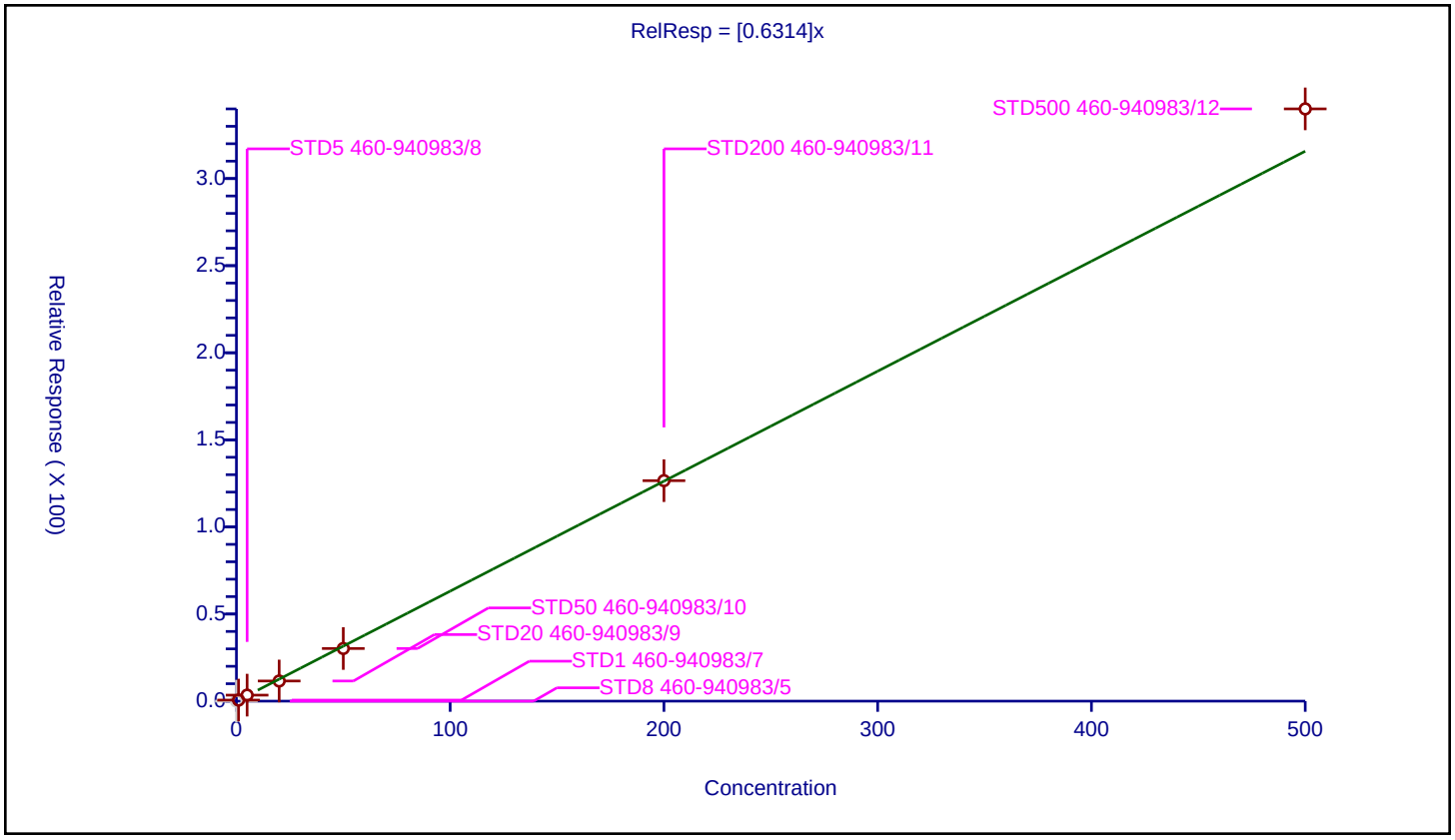
Curve Coefficients

Intercept:	0
Slope:	0.6314

Error Coefficients

Standard Error:	2280000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.604362	50.0	562411.0	0.604362	Y
3	STD5 460-940983/8	5.0	3.442905	50.0	576577.0	0.688581	Y
4	STD20 460-940983/9	20.0	11.56125	50.0	598469.0	0.578063	Y
5	STD50 460-940983/10	50.0	30.224049	50.0	628301.0	0.604481	Y
6	STD200 460-940983/11	200.0	126.578253	50.0	653365.0	0.632891	Y
7	STD500 460-940983/12	500.0	339.996254	50.0	707480.0	0.679993	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

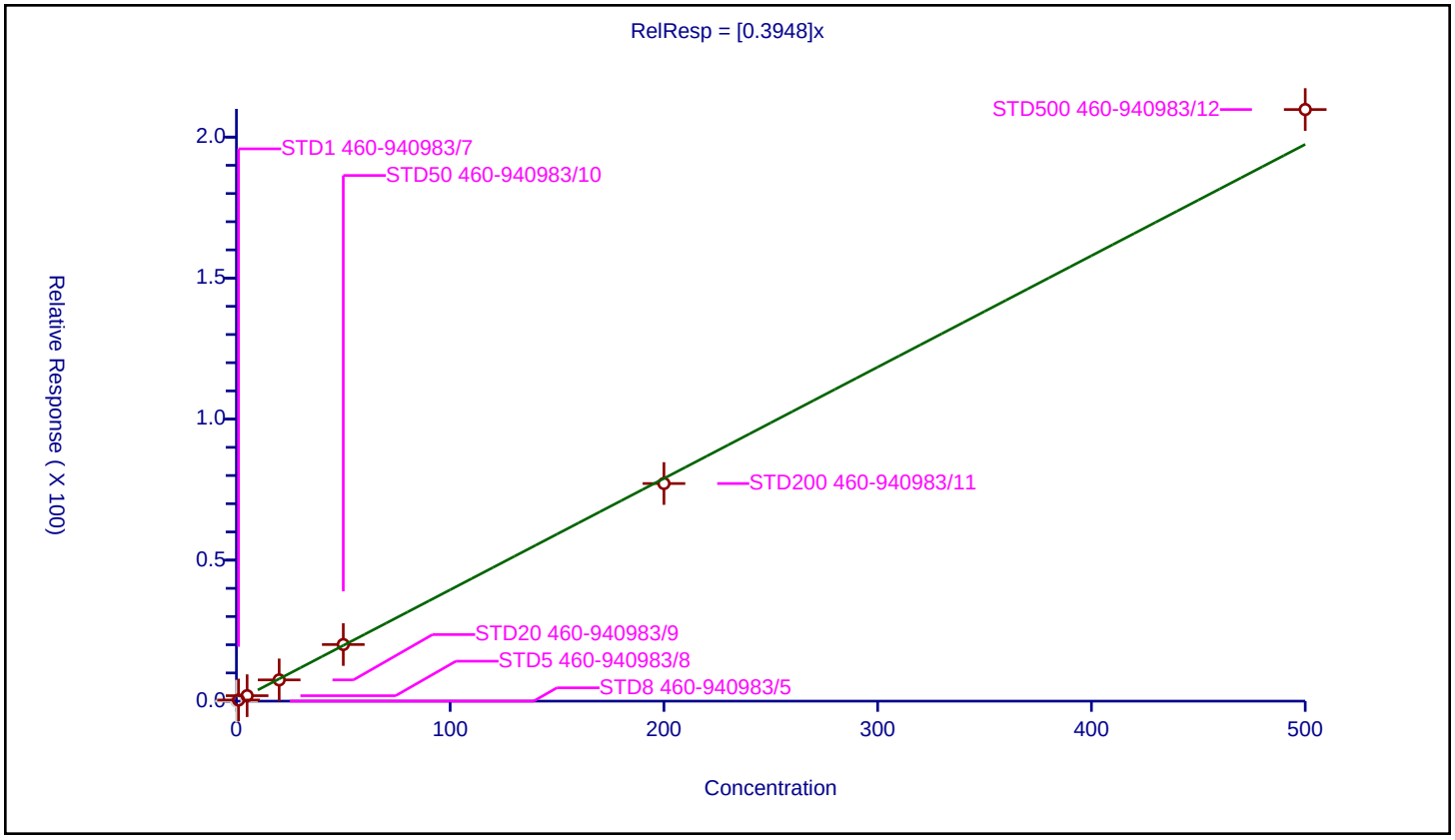
Curve Coefficients

Intercept:	0
Slope:	0.3948

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.399263	50.0	562411.0	0.399263	Y
3	STD5 460-940983/8	5.0	1.930792	50.0	576577.0	0.386158	Y
4	STD20 460-940983/9	20.0	7.533306	50.0	598469.0	0.376665	Y
5	STD50 460-940983/10	50.0	20.076683	50.0	628301.0	0.401534	Y
6	STD200 460-940983/11	200.0	77.164372	50.0	653365.0	0.385822	Y
7	STD500 460-940983/12	500.0	209.776036	50.0	707480.0	0.419552	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

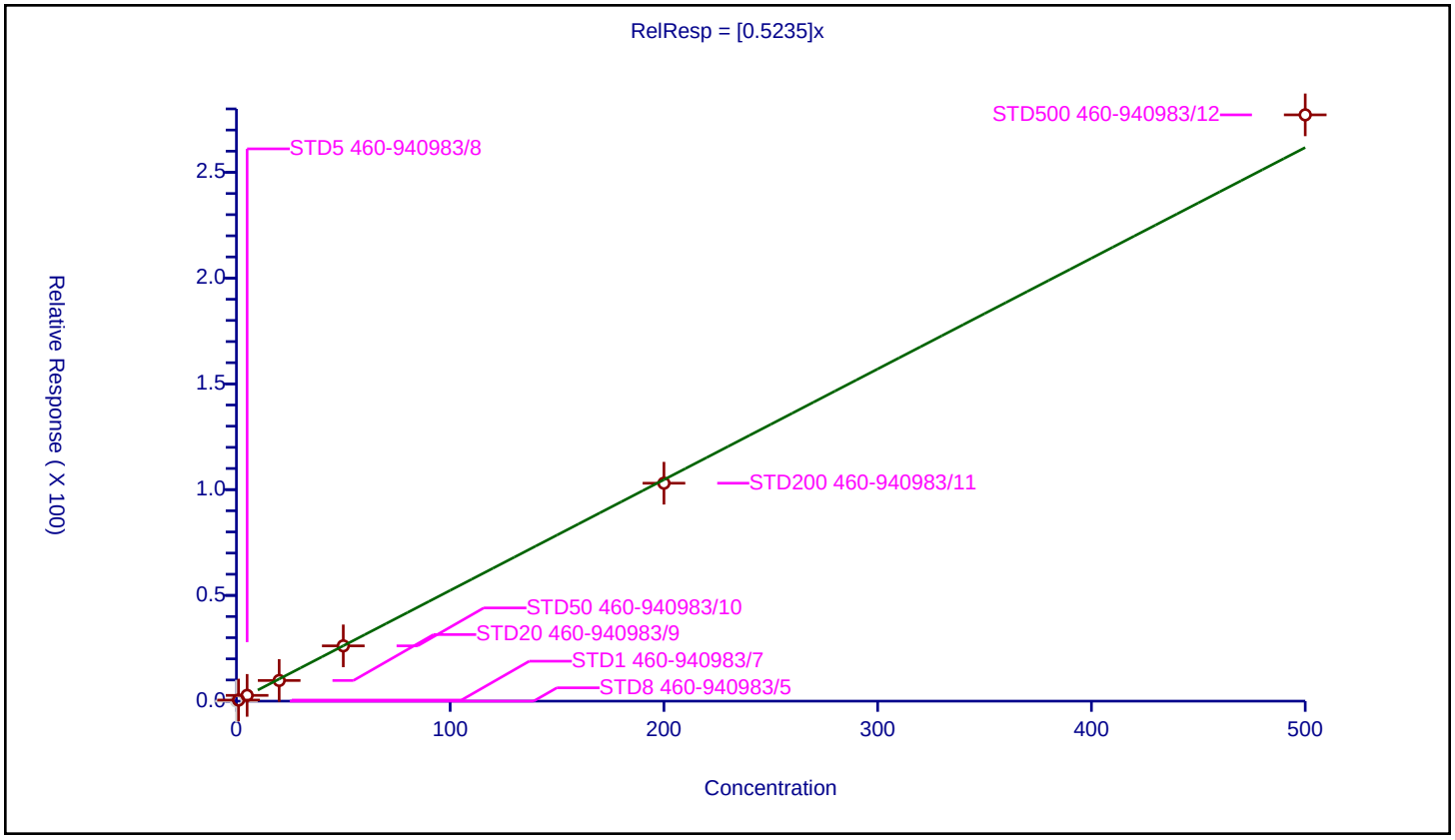
Curve Coefficients

Intercept:	0
Slope:	0.5235

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.514392	50.0	562411.0	0.514392	Y
3	STD5 460-940983/8	5.0	2.72921	50.0	576577.0	0.545842	Y
4	STD20 460-940983/9	20.0	9.765	50.0	598469.0	0.48825	Y
5	STD50 460-940983/10	50.0	26.139621	50.0	628301.0	0.522792	Y
6	STD200 460-940983/11	200.0	103.031537	50.0	653365.0	0.515158	Y
7	STD500 460-940983/12	500.0	277.18515	50.0	707480.0	0.55437	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

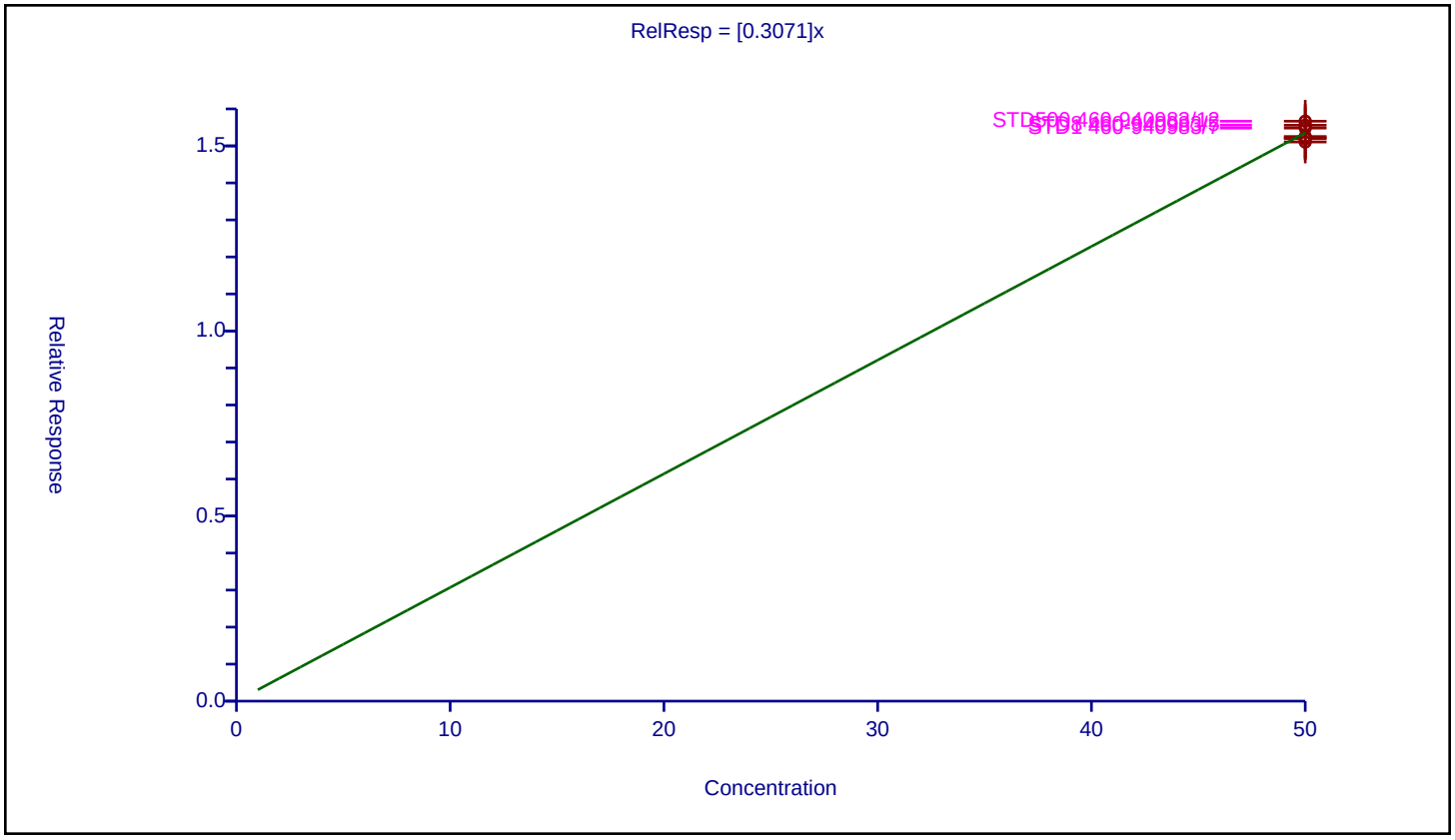
Curve Coefficients

Intercept:	0
Slope:	0.3071

Error Coefficients

Standard Error:	202000
Relative Standard Error:	1.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	15.559218	50.0	510919.0	0.311184	Y
2	STD1 460-940983/7	50.0	15.481205	50.0	562411.0	0.309624	Y
3	STD5 460-940983/8	50.0	15.194848	50.0	576577.0	0.303897	Y
4	STD20 460-940983/9	50.0	15.105795	50.0	598469.0	0.302116	Y
5	STD50 460-940983/10	50.0	15.217229	50.0	628301.0	0.304345	Y
6	STD200 460-940983/11	50.0	15.253572	50.0	653365.0	0.305071	Y
7	STD500 460-940983/12	50.0	15.667863	50.0	707480.0	0.313357	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

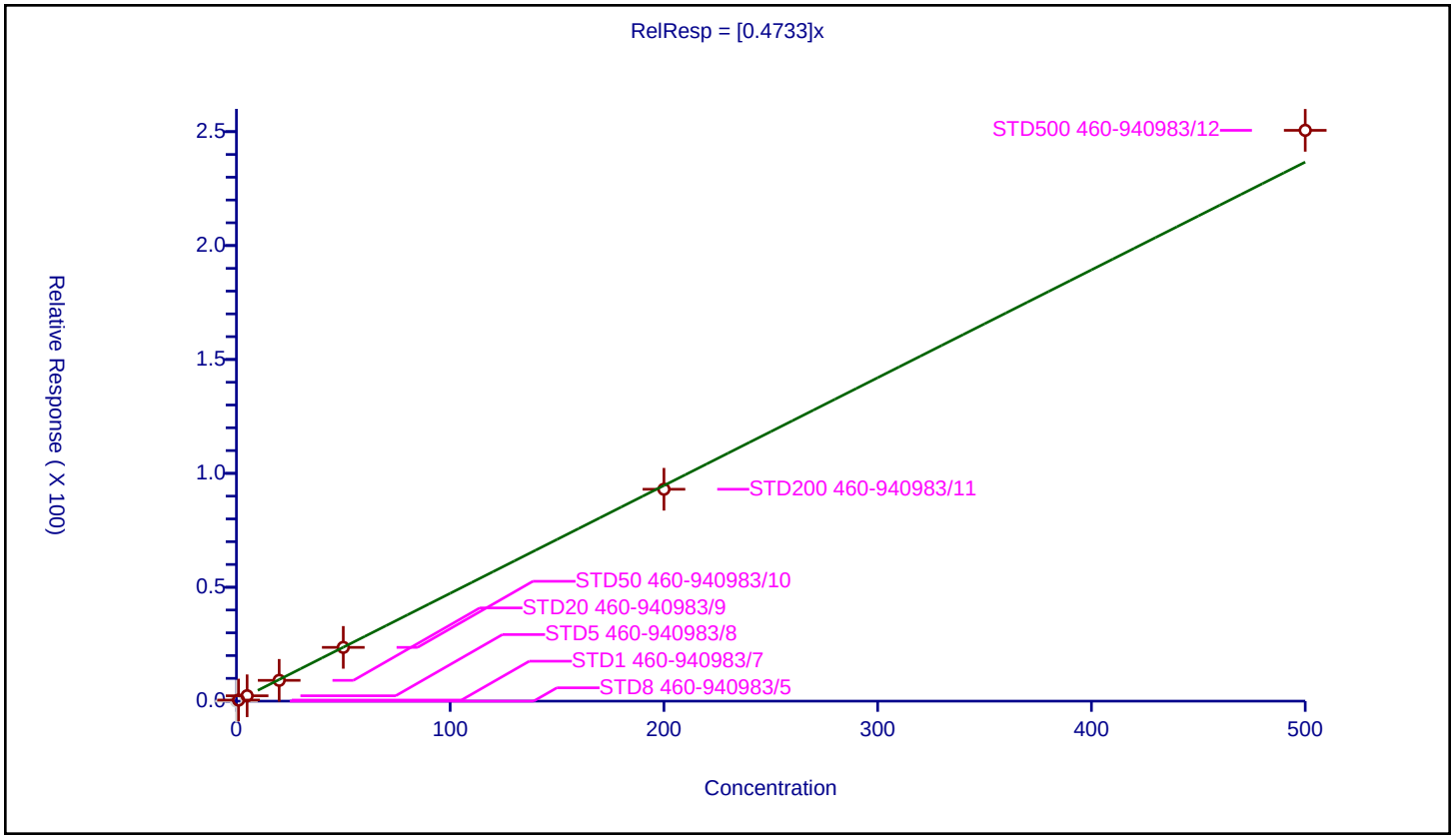
Curve Coefficients

Intercept:	0
Slope:	0.4733

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	3.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.472697	50.0	562411.0	0.472697	Y
3	STD5 460-940983/8	5.0	2.361523	50.0	576577.0	0.472305	Y
4	STD20 460-940983/9	20.0	9.131634	50.0	598469.0	0.456582	Y
5	STD50 460-940983/10	50.0	23.598482	50.0	628301.0	0.47197	Y
6	STD200 460-940983/11	200.0	93.017379	50.0	653365.0	0.465087	Y
7	STD500 460-940983/12	500.0	250.589699	50.0	707480.0	0.501179	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

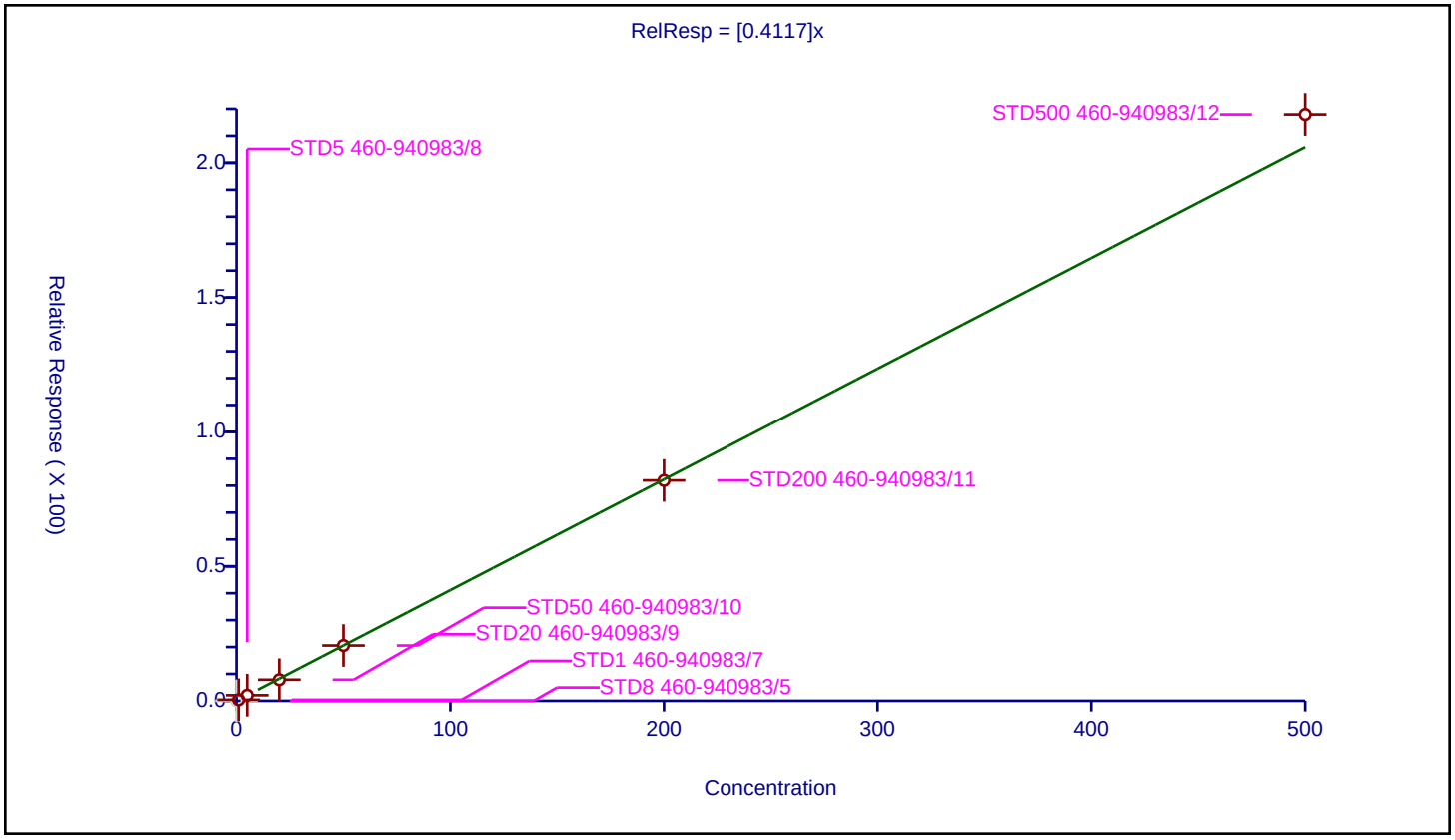
Curve Coefficients

Intercept:	0
Slope:	0.4117

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.404153	50.0	562411.0	0.404153	Y
3	STD5 460-940983/8	5.0	2.082202	50.0	576577.0	0.41644	Y
4	STD20 460-940983/9	20.0	7.851284	50.0	598469.0	0.392564	Y
5	STD50 460-940983/10	50.0	20.561801	50.0	628301.0	0.411236	Y
6	STD200 460-940983/11	200.0	81.950441	50.0	653365.0	0.409752	Y
7	STD500 460-940983/12	500.0	217.926797	50.0	707480.0	0.435854	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

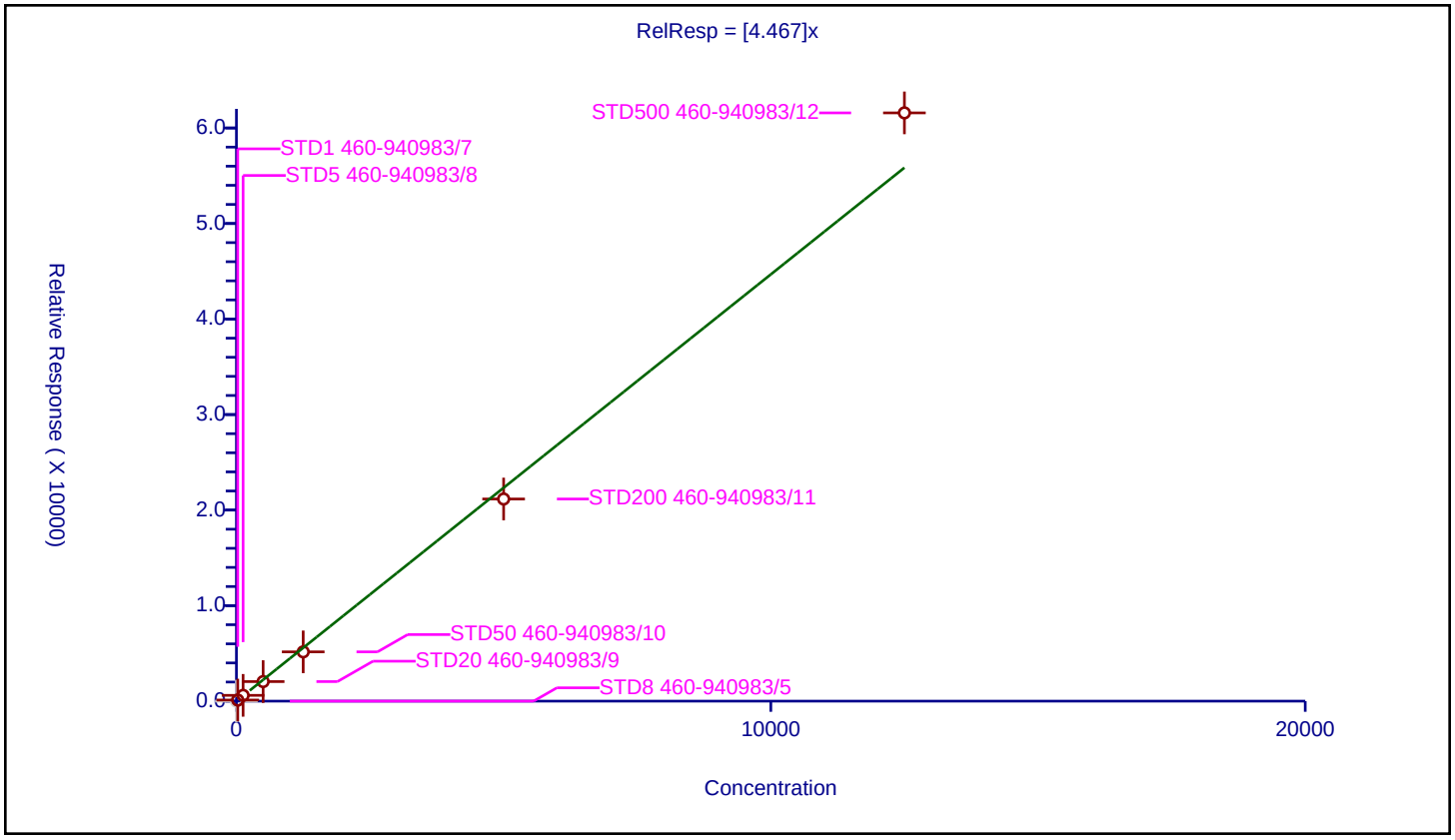
Curve Coefficients

Intercept:	0
Slope:	4.467

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	8.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	25.0	114.391355	1000.0	34889.0	4.575654	Y
3	STD5 460-940983/8	125.0	606.056269	1000.0	34939.0	4.84845	Y
4	STD20 460-940983/9	500.0	2046.772018	1000.0	39297.0	4.093544	Y
5	STD50 460-940983/10	1250.0	5160.243257	1000.0	40451.0	4.128195	Y
6	STD200 460-940983/11	5000.0	21161.963302	1000.0	43763.0	4.232393	Y
7	STD500 460-940983/12	12500.0	61582.285328	1000.0	44370.0	4.926583	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

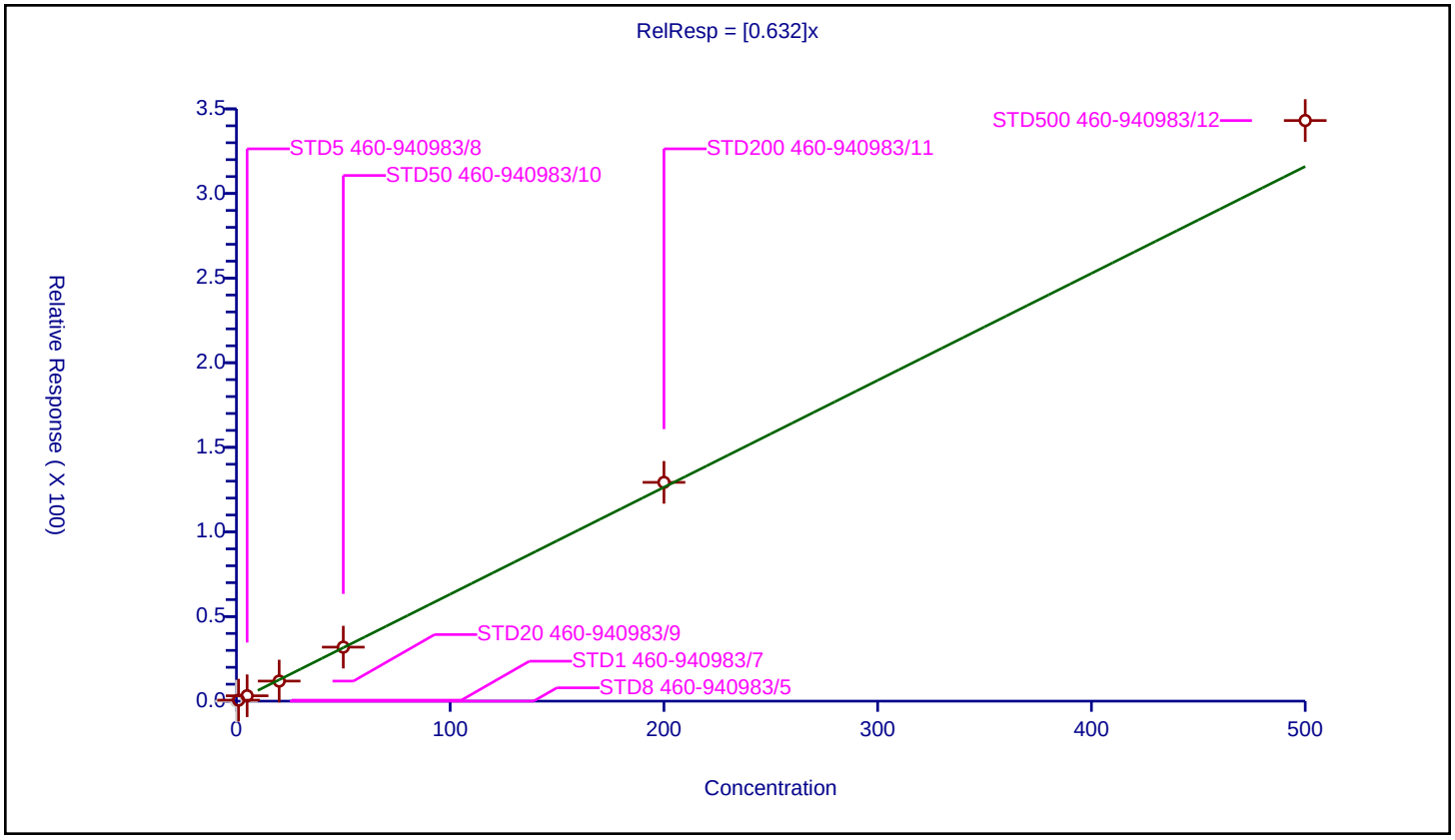
Curve Coefficients

Intercept:	0
Slope:	0.632

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.594672	50.0	562411.0	0.594672	Y
3	STD5 460-940983/8	5.0	3.165319	50.0	576577.0	0.633064	Y
4	STD20 460-940983/9	20.0	11.860013	50.0	598469.0	0.593001	Y
5	STD50 460-940983/10	50.0	31.912809	50.0	628301.0	0.638256	Y
6	STD200 460-940983/11	200.0	129.291284	50.0	653365.0	0.646456	Y
7	STD500 460-940983/12	500.0	343.127368	50.0	707480.0	0.686255	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

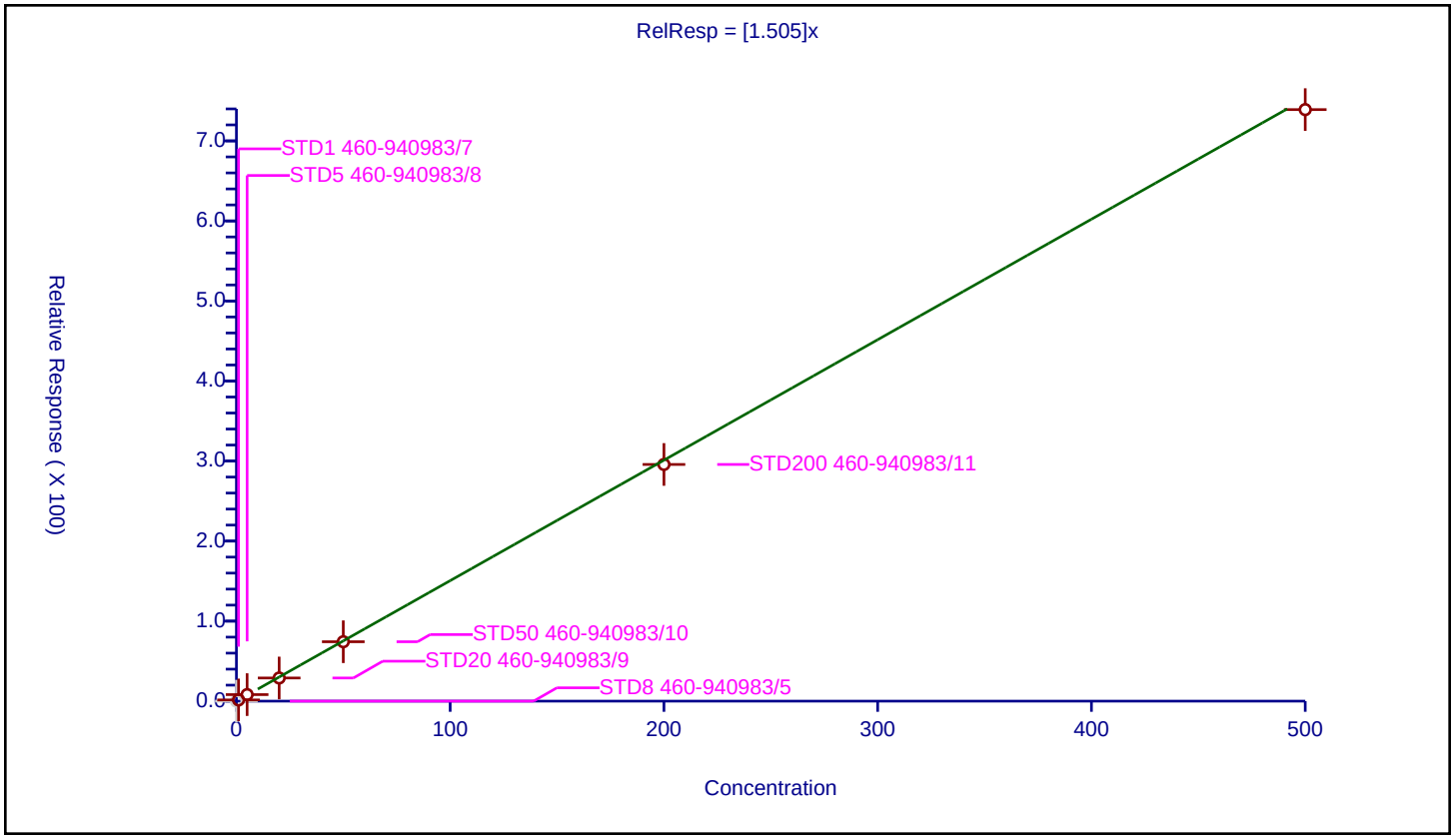
Curve Coefficients

Intercept:	0
Slope:	1.505

Error Coefficients

Standard Error:	4560000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.506588	50.0	464626.0	1.506588	Y
3	STD5 460-940983/8	5.0	8.184752	50.0	475610.0	1.63695	Y
4	STD20 460-940983/9	20.0	28.948376	50.0	488492.0	1.447419	Y
5	STD50 460-940983/10	50.0	74.230879	50.0	521667.0	1.484618	Y
6	STD200 460-940983/11	200.0	295.718337	50.0	569078.0	1.478592	Y
7	STD500 460-940983/12	500.0	739.09647	50.0	648689.0	1.478193	Y



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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

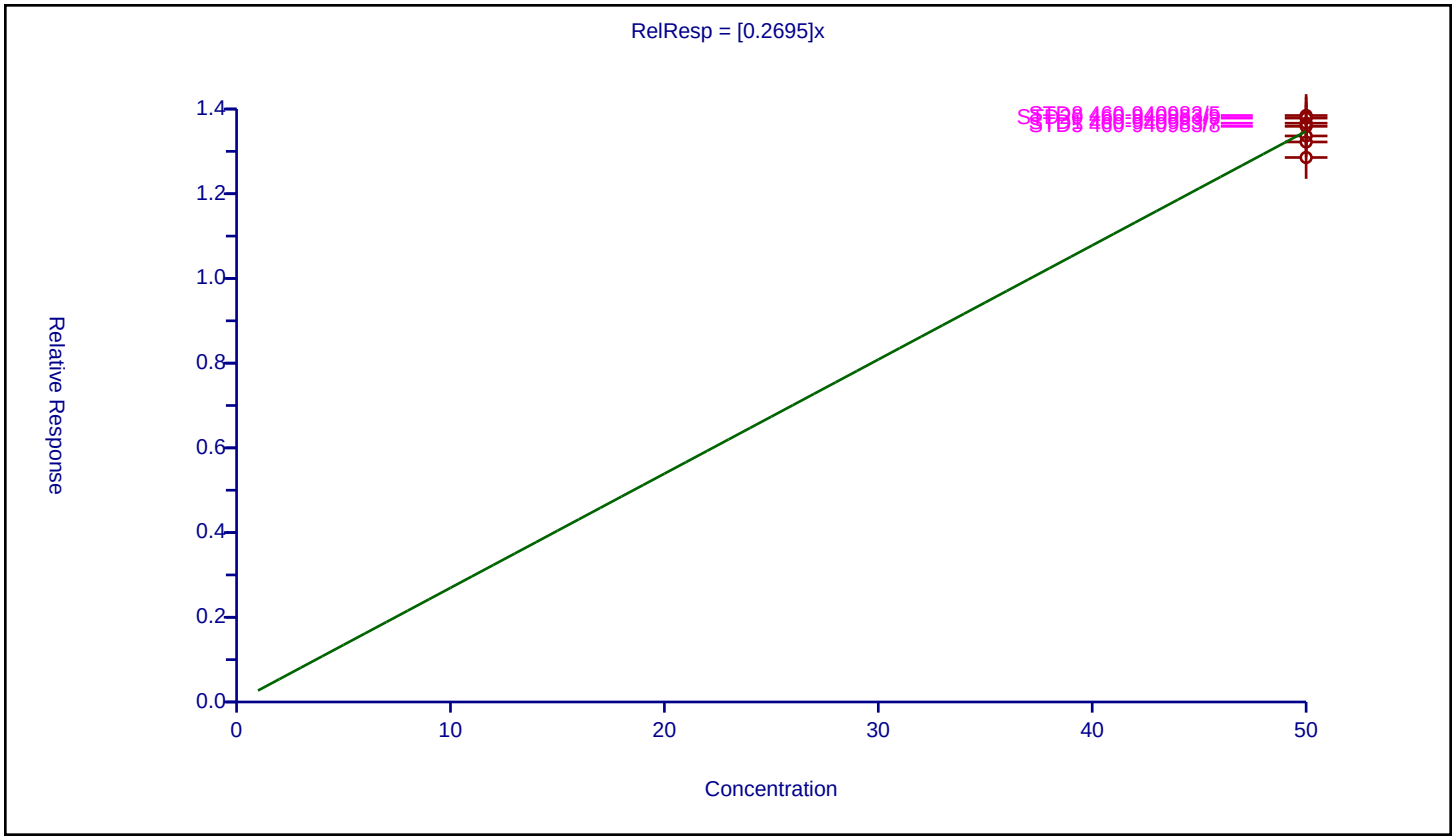
Curve Coefficients

Intercept:	0
Slope:	0.2695

Error Coefficients

Standard Error:	177000
Relative Standard Error:	2.6
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	13.847205	50.0	510919.0	0.276944	Y
2	STD1 460-940983/7	50.0	13.664118	50.0	562411.0	0.273282	Y
3	STD5 460-940983/8	50.0	13.590466	50.0	576577.0	0.271809	Y
4	STD20 460-940983/9	50.0	13.785426	50.0	598469.0	0.275709	Y
5	STD50 460-940983/10	50.0	13.222007	50.0	628301.0	0.26444	Y
6	STD200 460-940983/11	50.0	12.855219	50.0	653365.0	0.257104	Y
7	STD500 460-940983/12	50.0	13.363911	50.0	707480.0	0.267278	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

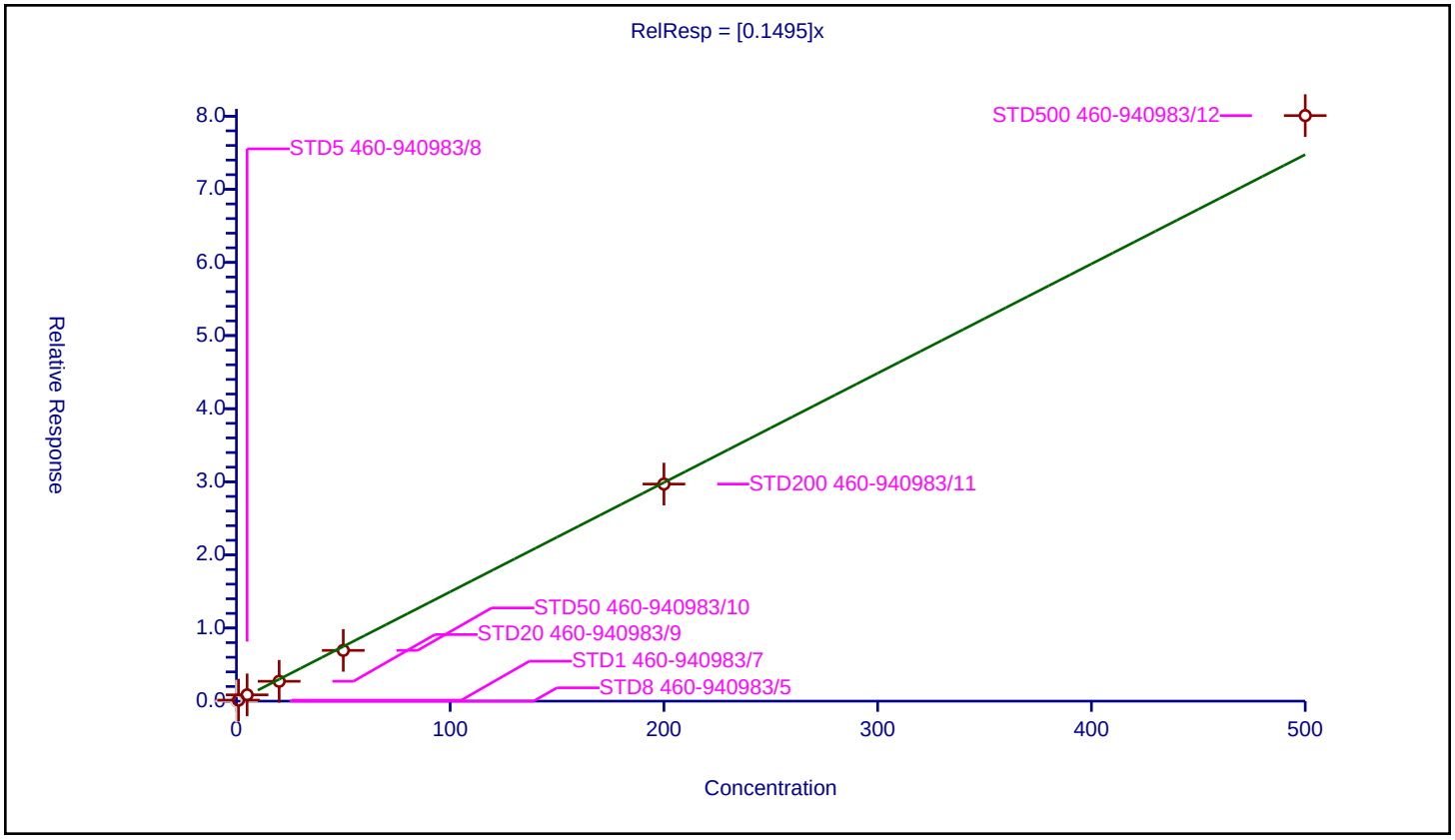
Curve Coefficients

Intercept:	0
Slope:	0.1495

Error Coefficients

Standard Error:	537000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.141178	50.0	562411.0	0.141178	Y
3	STD5 460-940983/8	5.0	0.862591	50.0	576577.0	0.172518	Y
4	STD20 460-940983/9	20.0	2.716599	50.0	598469.0	0.13583	Y
5	STD50 460-940983/10	50.0	6.941339	50.0	628301.0	0.138827	Y
6	STD200 460-940983/11	200.0	29.690449	50.0	653365.0	0.148452	Y
7	STD500 460-940983/12	500.0	80.083253	50.0	707480.0	0.160167	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

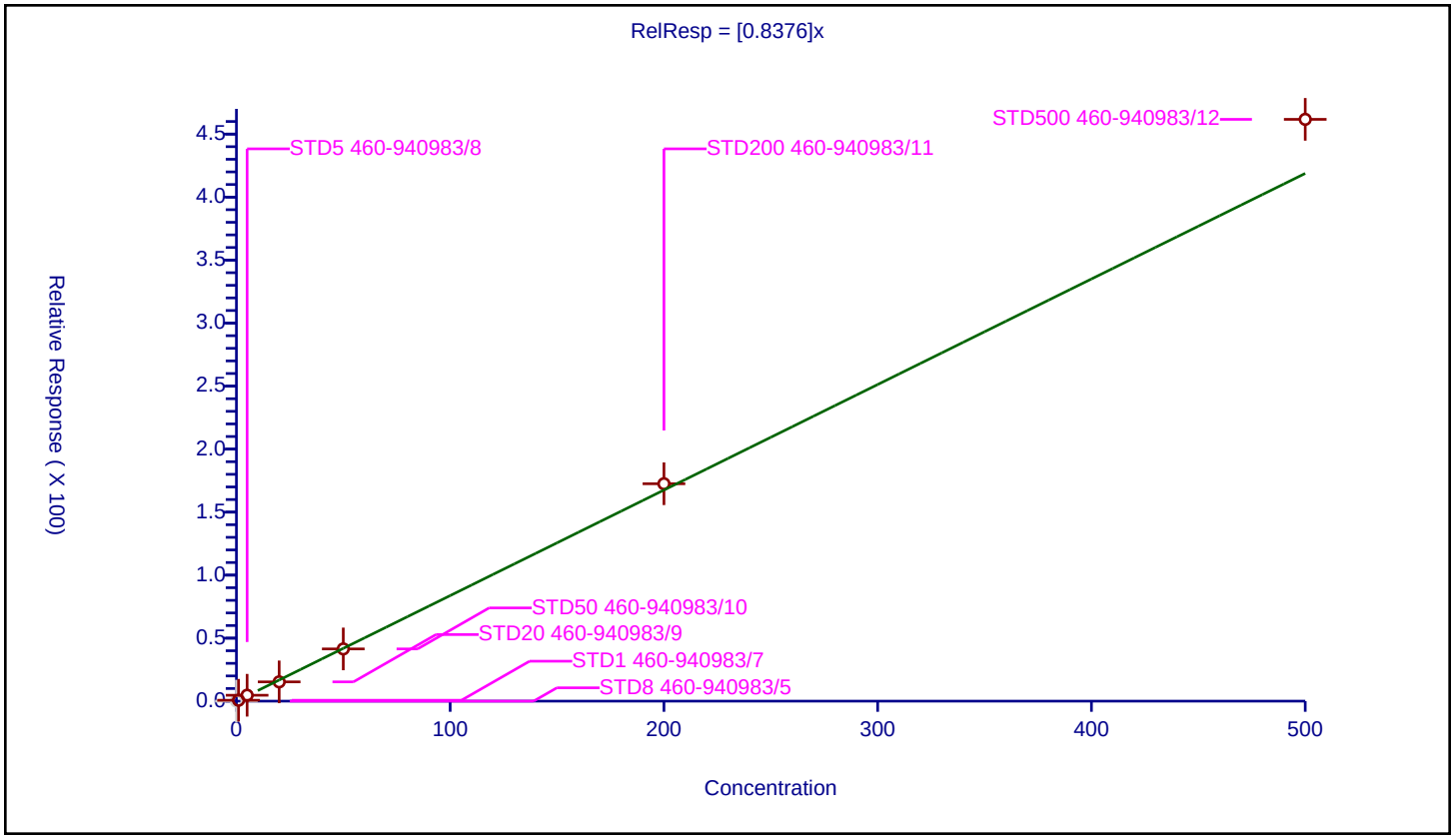
Curve Coefficients

Intercept:	0
Slope:	0.8376

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.710868	50.0	562411.0	0.710868	Y
3	STD5 460-940983/8	5.0	4.677086	50.0	576577.0	0.935417	Y
4	STD20 460-940983/9	20.0	15.283498	50.0	598469.0	0.764175	Y
5	STD50 460-940983/10	50.0	41.444706	50.0	628301.0	0.828894	Y
6	STD200 460-940983/11	200.0	172.523857	50.0	653365.0	0.862619	Y
7	STD500 460-940983/12	500.0	461.700755	50.0	707480.0	0.923402	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

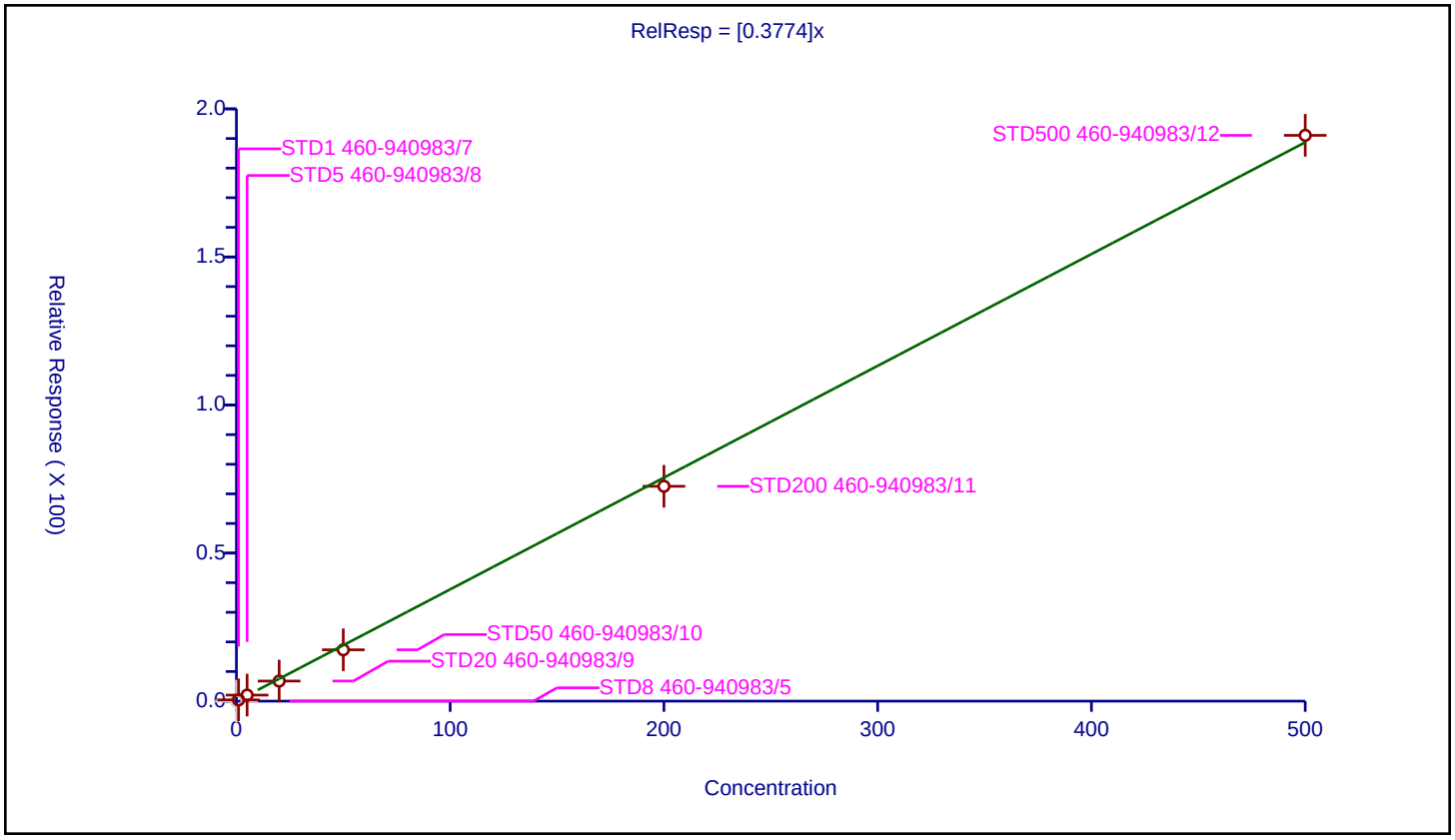
Curve Coefficients

Intercept:	0
Slope:	0.3774

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.425845	50.0	562411.0	0.425845	Y
3	STD5 460-940983/8	5.0	2.038756	50.0	576577.0	0.407751	Y
4	STD20 460-940983/9	20.0	6.78523	50.0	598469.0	0.339262	Y
5	STD50 460-940983/10	50.0	17.33946	50.0	628301.0	0.346789	Y
6	STD200 460-940983/11	200.0	72.552937	50.0	653365.0	0.362765	Y
7	STD500 460-940983/12	500.0	191.07049	50.0	707480.0	0.382141	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

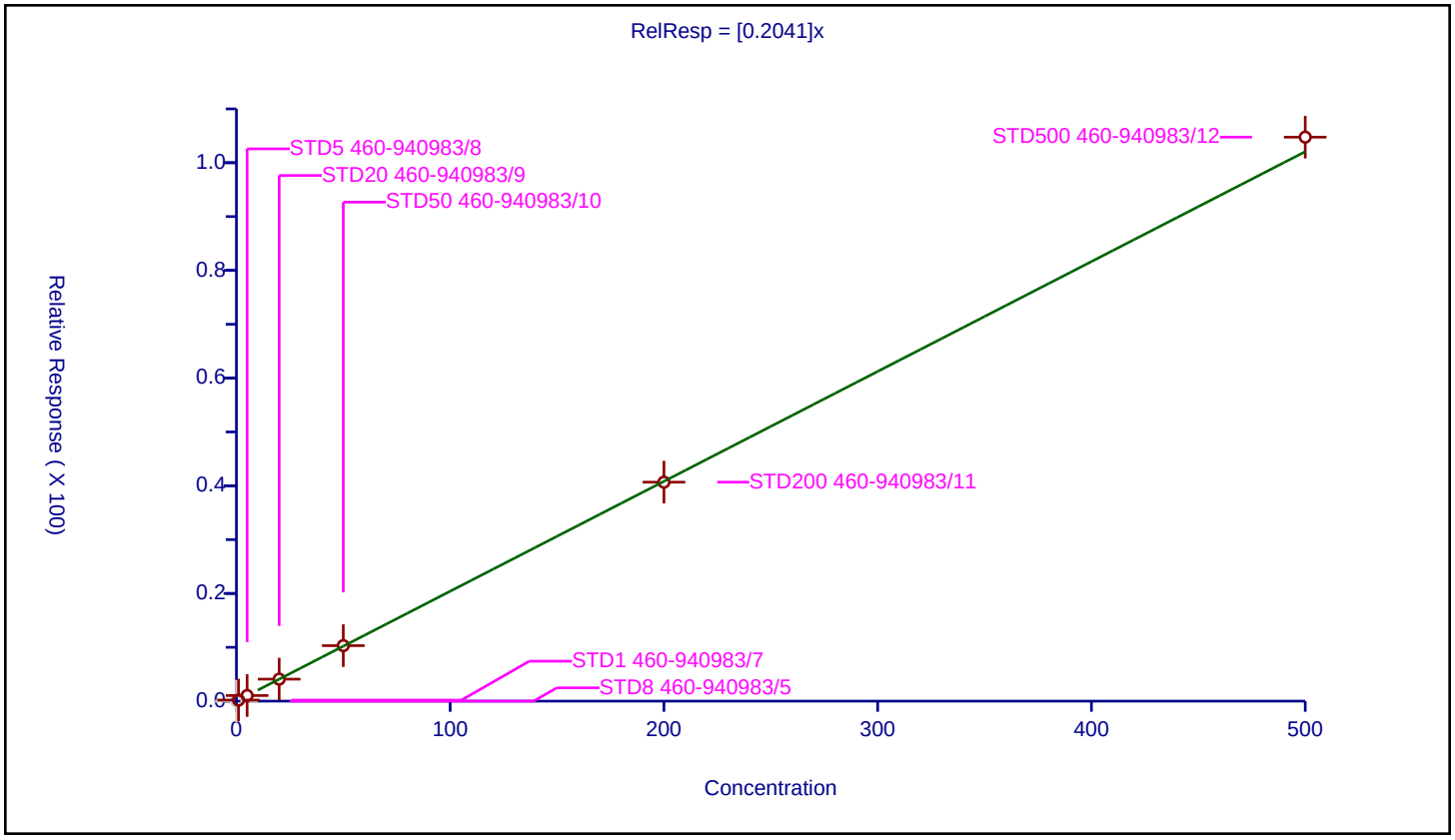
Curve Coefficients

Intercept:	0
Slope:	0.2041

Error Coefficients

Standard Error:	707000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.193097	50.0	562411.0	0.193097	Y
3	STD5 460-940983/8	5.0	1.041665	50.0	576577.0	0.208333	Y
4	STD20 460-940983/9	20.0	4.084339	50.0	598469.0	0.204217	Y
5	STD50 460-940983/10	50.0	10.308435	50.0	628301.0	0.206169	Y
6	STD200 460-940983/11	200.0	40.671906	50.0	653365.0	0.20336	Y
7	STD500 460-940983/12	500.0	104.7513	50.0	707480.0	0.209503	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

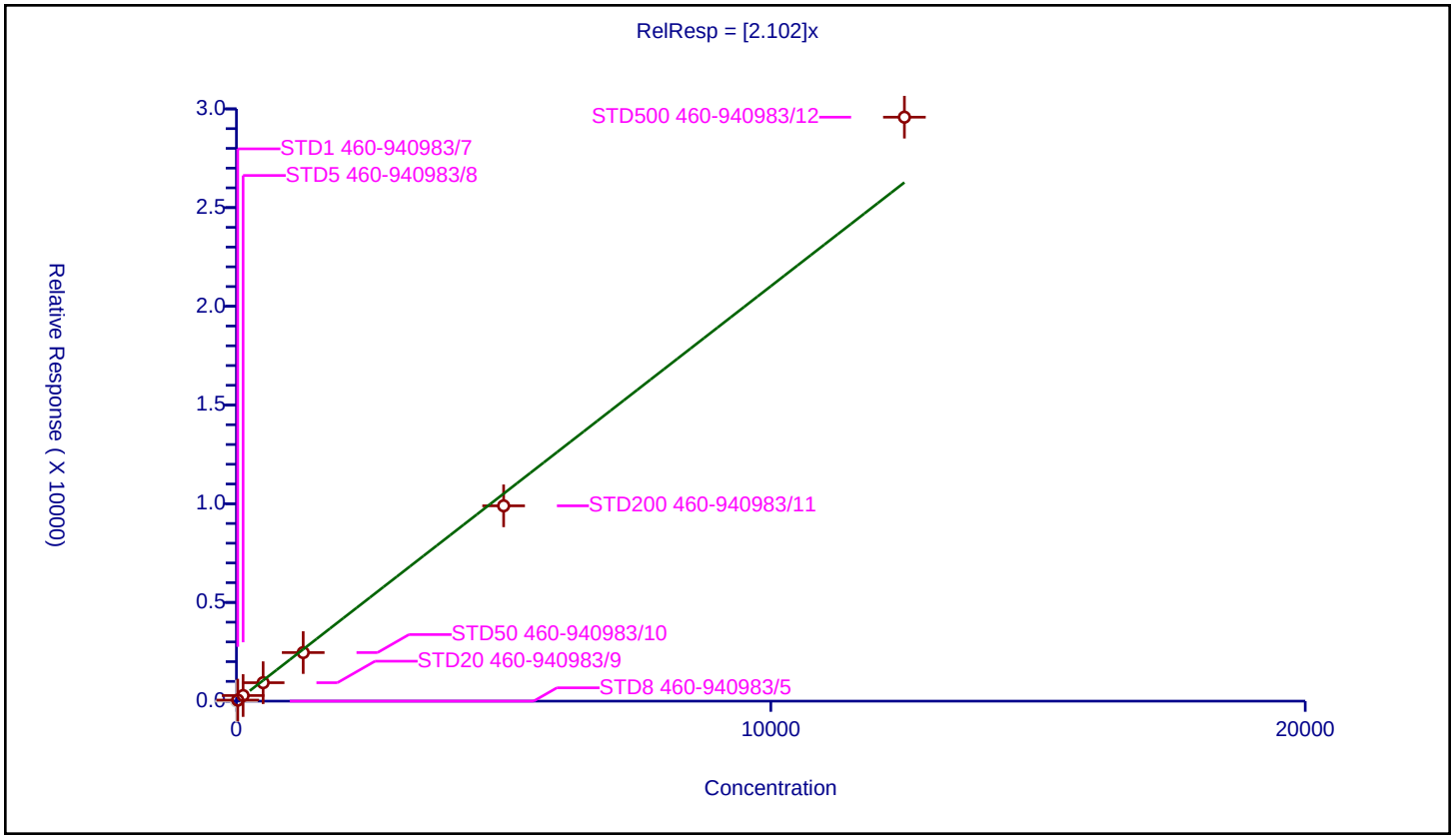
Curve Coefficients

Intercept:	0
Slope:	2.102

Error Coefficients

Standard Error:	607000
Relative Standard Error:	9.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	25.0	53.942503	1000.0	34889.0	2.1577	Y
3	STD5 460-940983/8	125.0	284.15238	1000.0	34939.0	2.273219	Y
4	STD20 460-940983/9	500.0	933.684505	1000.0	39297.0	1.867369	Y
5	STD50 460-940983/10	1250.0	2460.186398	1000.0	40451.0	1.968149	Y
6	STD200 460-940983/11	5000.0	9893.380253	1000.0	43763.0	1.978676	Y
7	STD500 460-940983/12	12500.0	29580.009015	1000.0	44370.0	2.366401	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

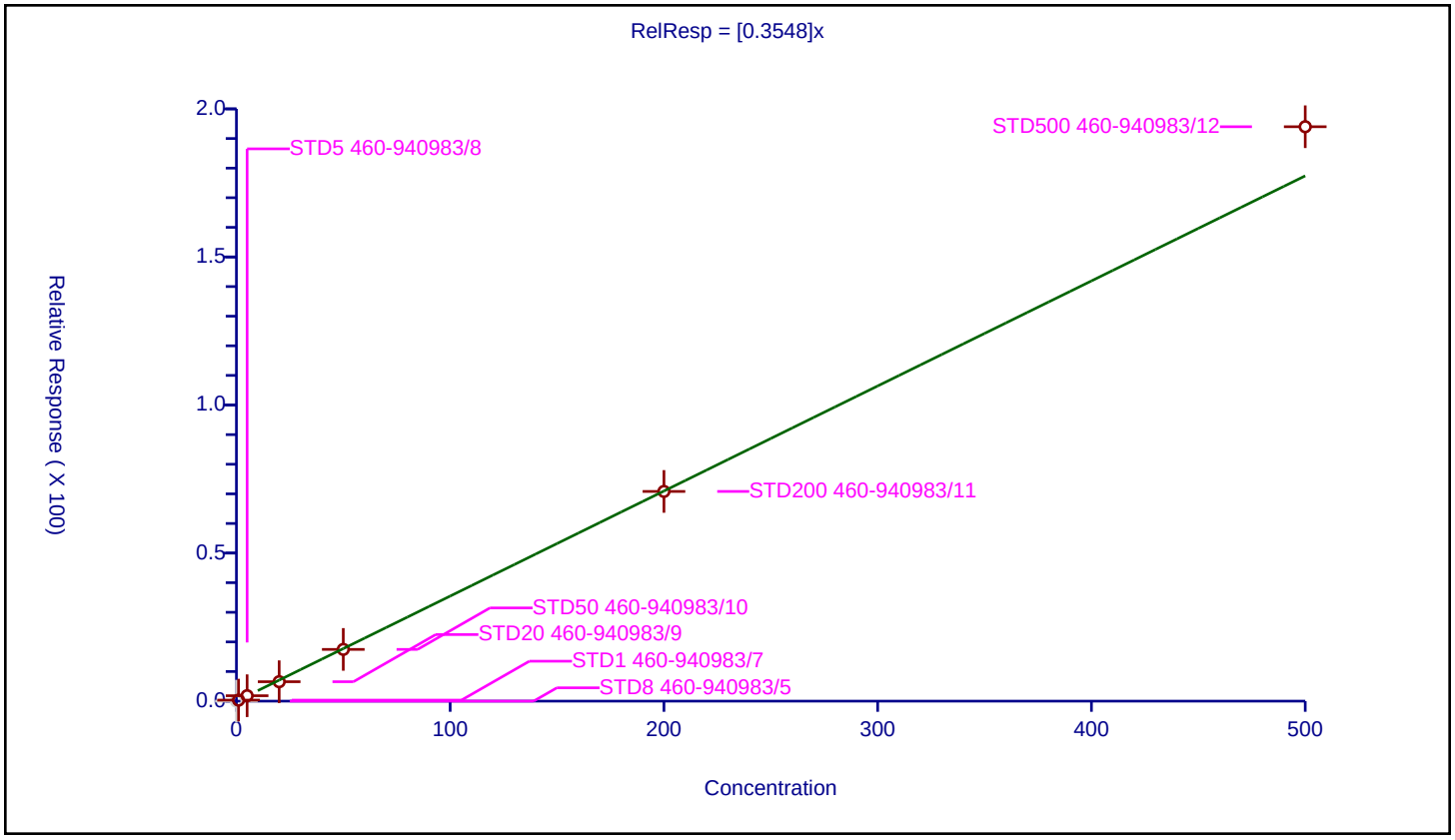
Curve Coefficients

Intercept:	0
Slope:	0.3548

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.342721	50.0	562411.0	0.342721	Y
3	STD5 460-940983/8	5.0	1.83306	50.0	576577.0	0.366612	Y
4	STD20 460-940983/9	20.0	6.557315	50.0	598469.0	0.327866	Y
5	STD50 460-940983/10	50.0	17.47005	50.0	628301.0	0.349401	Y
6	STD200 460-940983/11	200.0	70.81922	50.0	653365.0	0.354096	Y
7	STD500 460-940983/12	500.0	193.976862	50.0	707480.0	0.387954	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

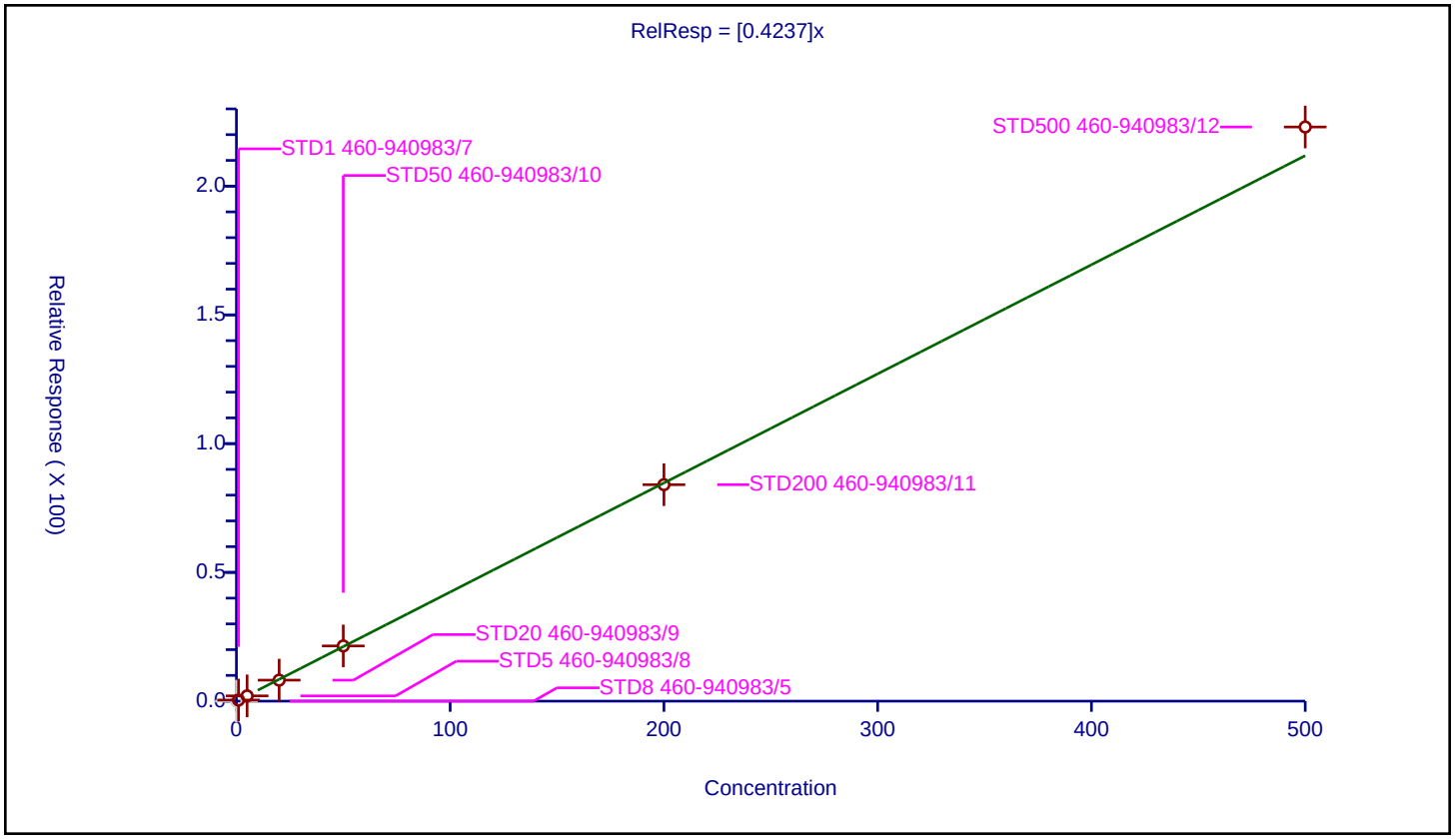
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.431357	50.0	562411.0	0.431357	Y
3	STD5 460-940983/8	5.0	2.038583	50.0	576577.0	0.407717	Y
4	STD20 460-940983/9	20.0	8.160406	50.0	598469.0	0.40802	Y
5	STD50 460-940983/10	50.0	21.433915	50.0	628301.0	0.428678	Y
6	STD200 460-940983/11	200.0	84.069395	50.0	653365.0	0.420347	Y
7	STD500 460-940983/12	500.0	222.969271	50.0	707480.0	0.445939	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

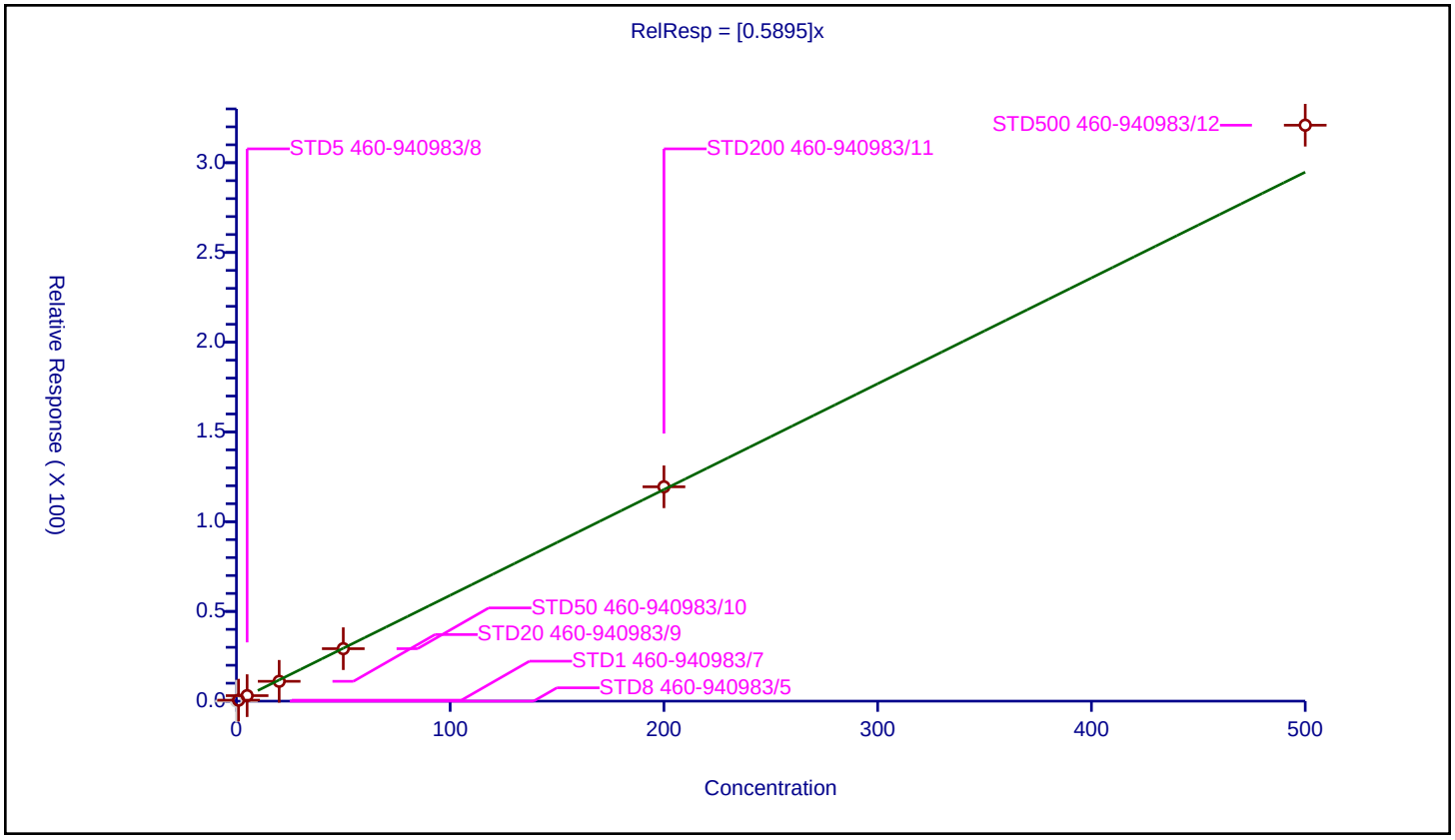
Curve Coefficients

Intercept:	0
Slope:	0.5895

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	6.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.54862	50.0	562411.0	0.54862	Y
3	STD5 460-940983/8	5.0	3.06247	50.0	576577.0	0.612494	Y
4	STD20 460-940983/9	20.0	11.047523	50.0	598469.0	0.552376	Y
5	STD50 460-940983/10	50.0	29.232406	50.0	628301.0	0.584648	Y
6	STD200 460-940983/11	200.0	119.426813	50.0	653365.0	0.597134	Y
7	STD500 460-940983/12	500.0	320.924478	50.0	707480.0	0.641849	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

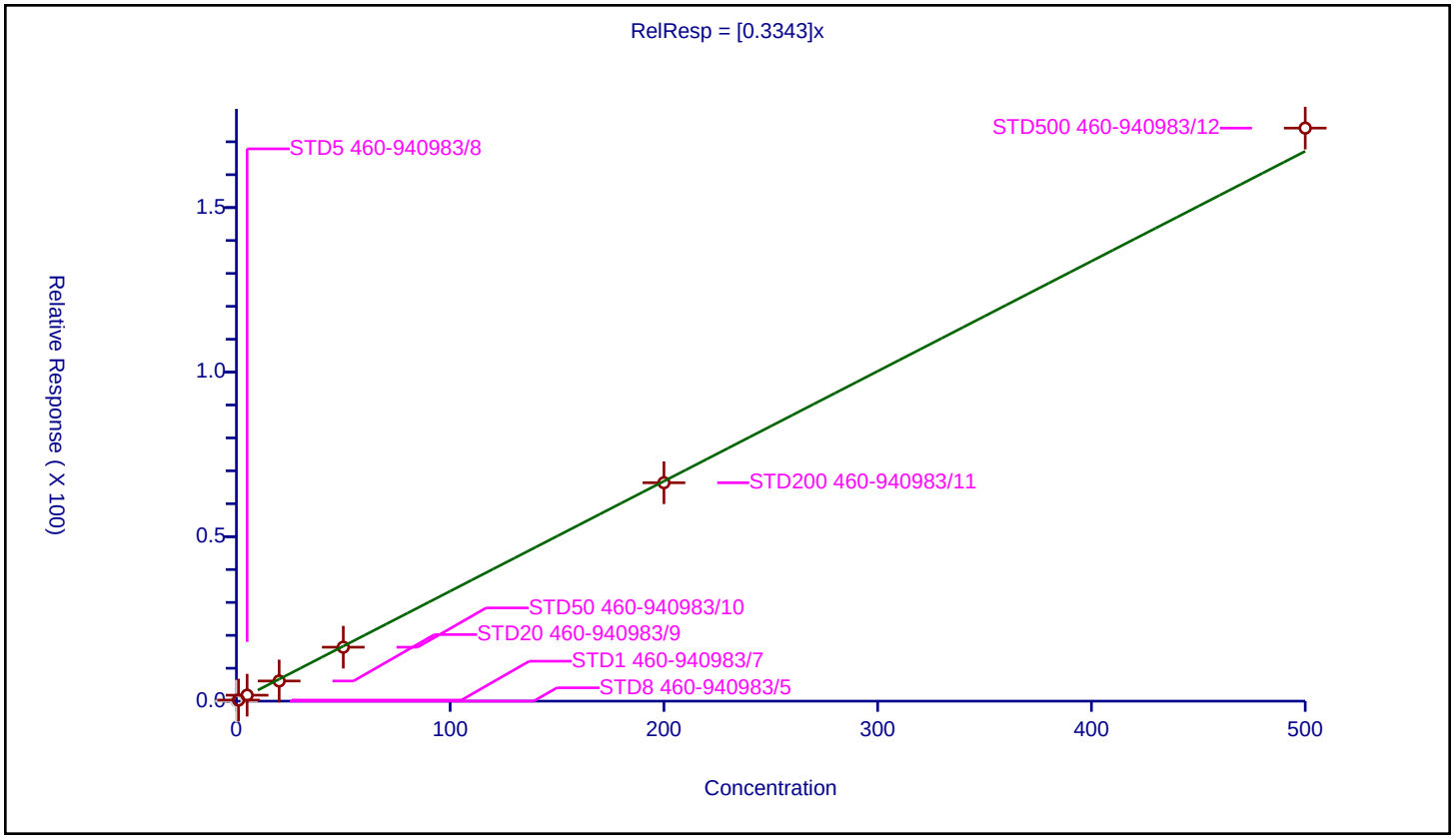
Curve Coefficients

Intercept:	0
Slope:	0.3343

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.328585	50.0	562411.0	0.328585	Y
3	STD5 460-940983/8	5.0	1.812941	50.0	576577.0	0.362588	Y
4	STD20 460-940983/9	20.0	6.12421	50.0	598469.0	0.306211	Y
5	STD50 460-940983/10	50.0	16.3966	50.0	628301.0	0.327932	Y
6	STD200 460-940983/11	200.0	66.382038	50.0	653365.0	0.33191	Y
7	STD500 460-940983/12	500.0	174.161531	50.0	707480.0	0.348323	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

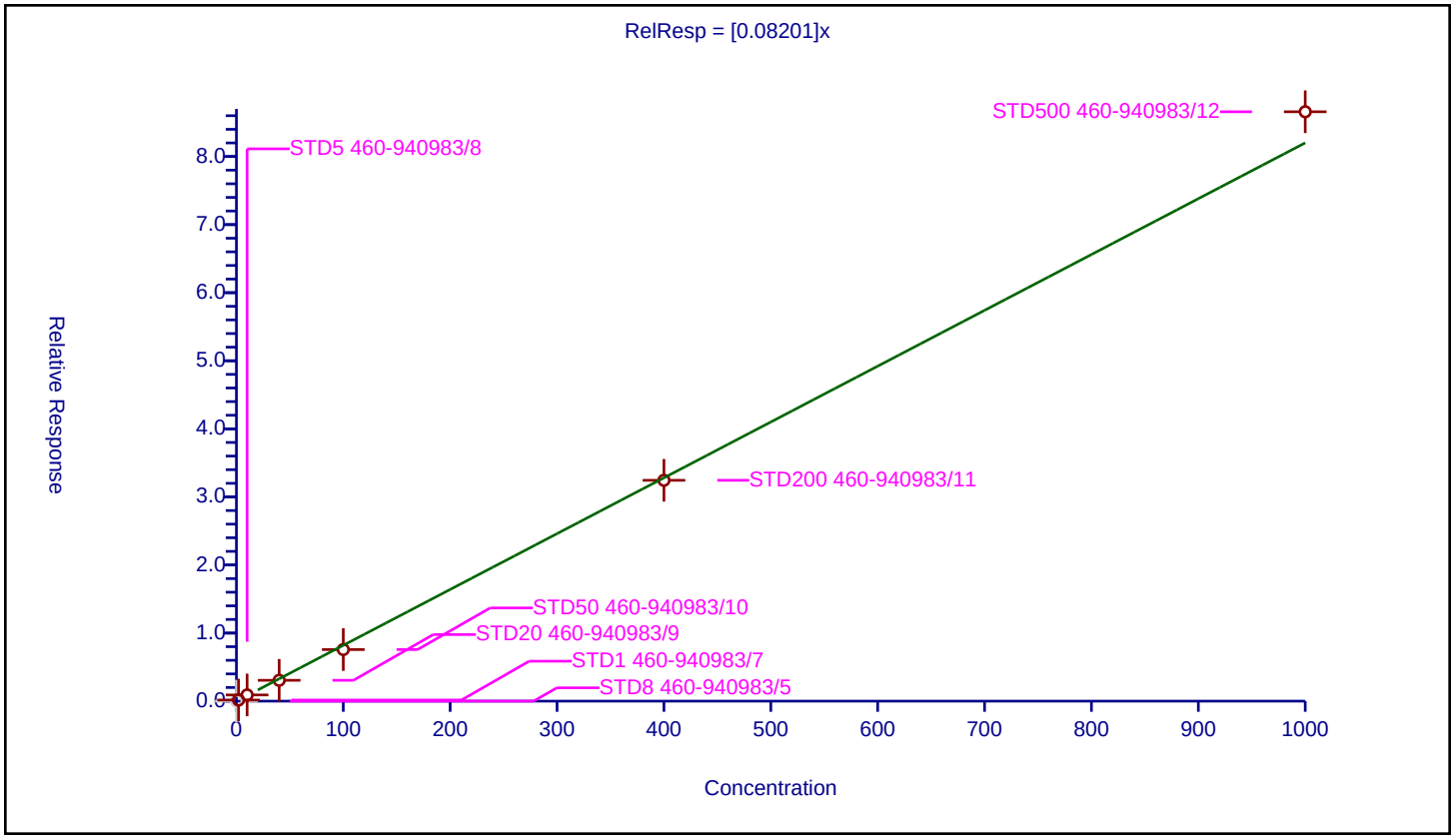
Curve Coefficients

Intercept:	0
Slope:	0.08201

Error Coefficients

Standard Error:	581000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.162604	50.0	562411.0	0.081302	Y
3	STD5 460-940983/8	10.0	0.908205	50.0	576577.0	0.09082	Y
4	STD20 460-940983/9	40.0	3.059641	50.0	598469.0	0.076491	Y
5	STD50 460-940983/10	100.0	7.576862	50.0	628301.0	0.075769	Y
6	STD200 460-940983/11	400.0	32.441361	50.0	653365.0	0.081103	Y
7	STD500 460-940983/12	1000.0	86.576511	50.0	707480.0	0.086577	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

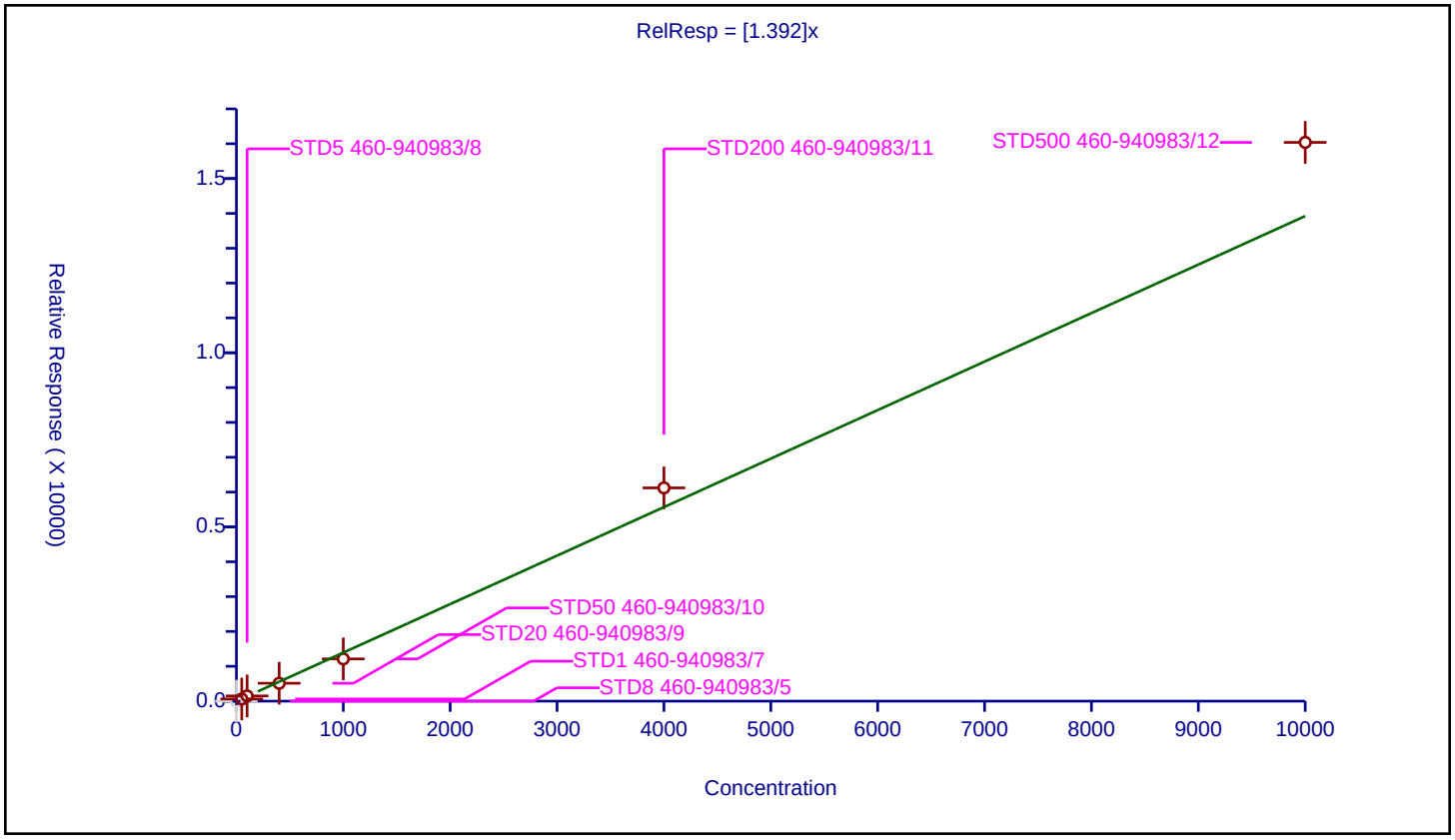
Curve Coefficients

Intercept:	0
Slope:	1.392

Error Coefficients

Standard Error:	249000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	27211.0	NaN	N
2	STD1 460-940983/7	50.000062	61.384655	1000.0	30708.0	1.227692	Y
3	STD5 460-940983/8	100.0	149.596904	1000.0	31010.0	1.495969	Y
4	STD20 460-940983/9	400.0	513.703156	1000.0	31781.0	1.284258	Y
5	STD50 460-940983/10	1000.0	1211.883154	1000.0	35260.0	1.211883	Y
6	STD200 460-940983/11	4000.0	6121.103237	1000.0	30057.0	1.530276	Y
7	STD500 460-940983/12	10000.0	16037.973553	1000.0	33576.0	1.603797	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

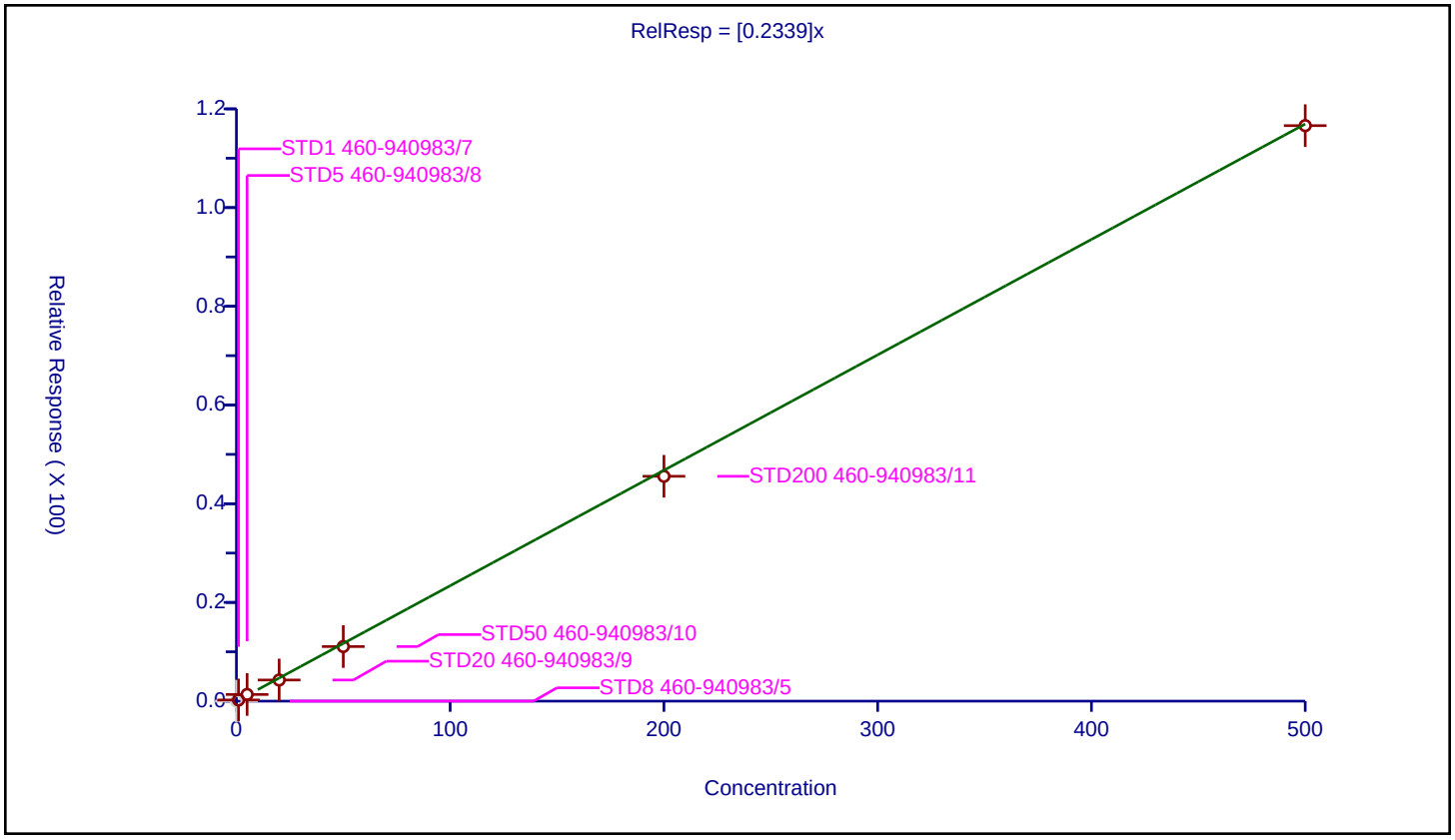
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Standard Error:	787000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.236482	50.0	562411.0	0.236482	Y
3	STD5 460-940983/8	5.0	1.351597	50.0	576577.0	0.270319	Y
4	STD20 460-940983/9	20.0	4.284349	50.0	598469.0	0.214217	Y
5	STD50 460-940983/10	50.0	11.062214	50.0	628301.0	0.221244	Y
6	STD200 460-940983/11	200.0	45.559067	50.0	653365.0	0.227795	Y
7	STD500 460-940983/12	500.0	116.603791	50.0	707480.0	0.233208	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

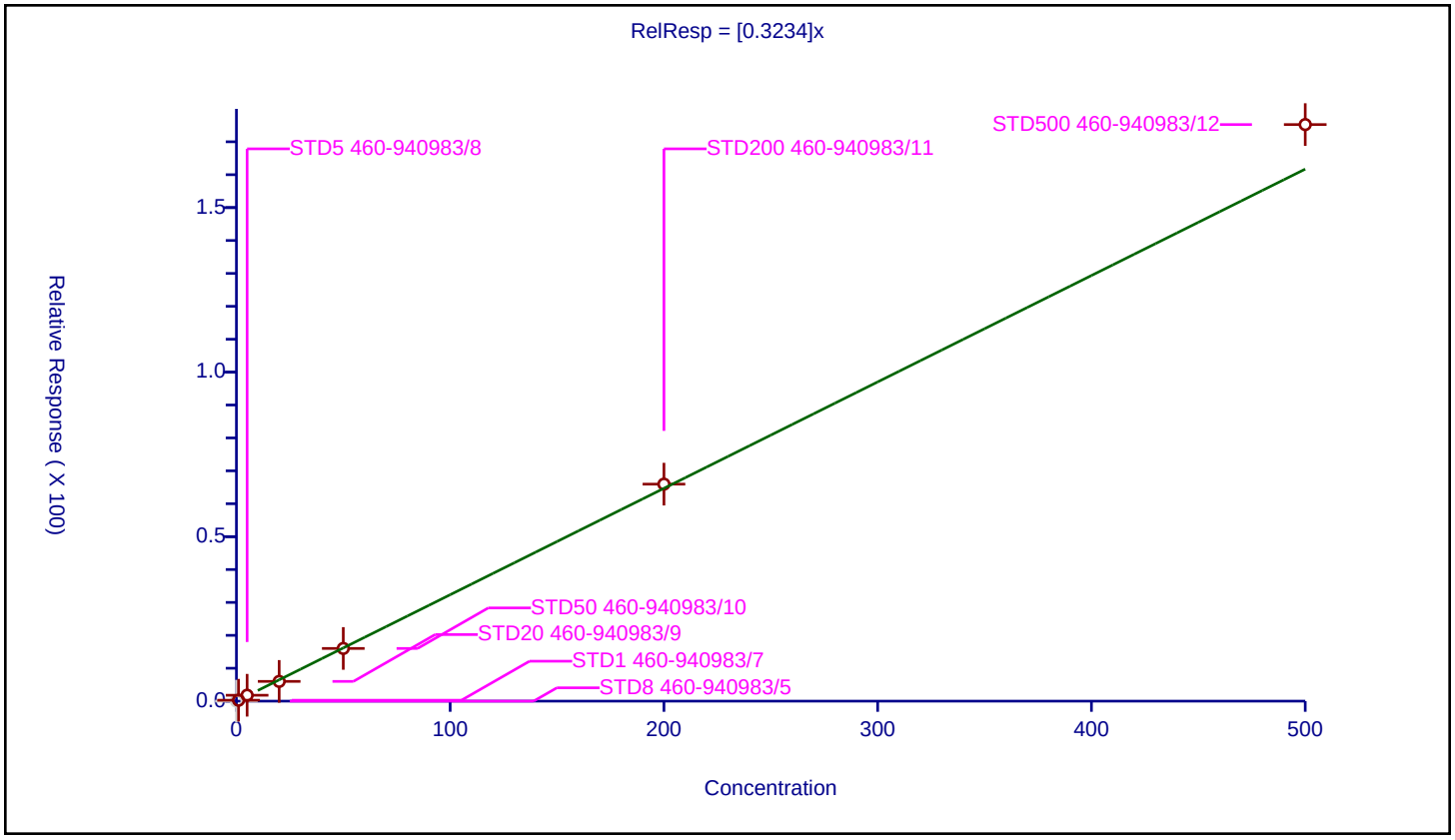
Curve Coefficients

Intercept:	0
Slope:	0.3234

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.281467	50.0	562411.0	0.281467	Y
3	STD5 460-940983/8	5.0	1.791955	50.0	576577.0	0.358391	Y
4	STD20 460-940983/9	20.0	5.998222	50.0	598469.0	0.299911	Y
5	STD50 460-940983/10	50.0	16.016607	50.0	628301.0	0.320332	Y
6	STD200 460-940983/11	200.0	65.953104	50.0	653365.0	0.329766	Y
7	STD500 460-940983/12	500.0	175.234212	50.0	707480.0	0.350468	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

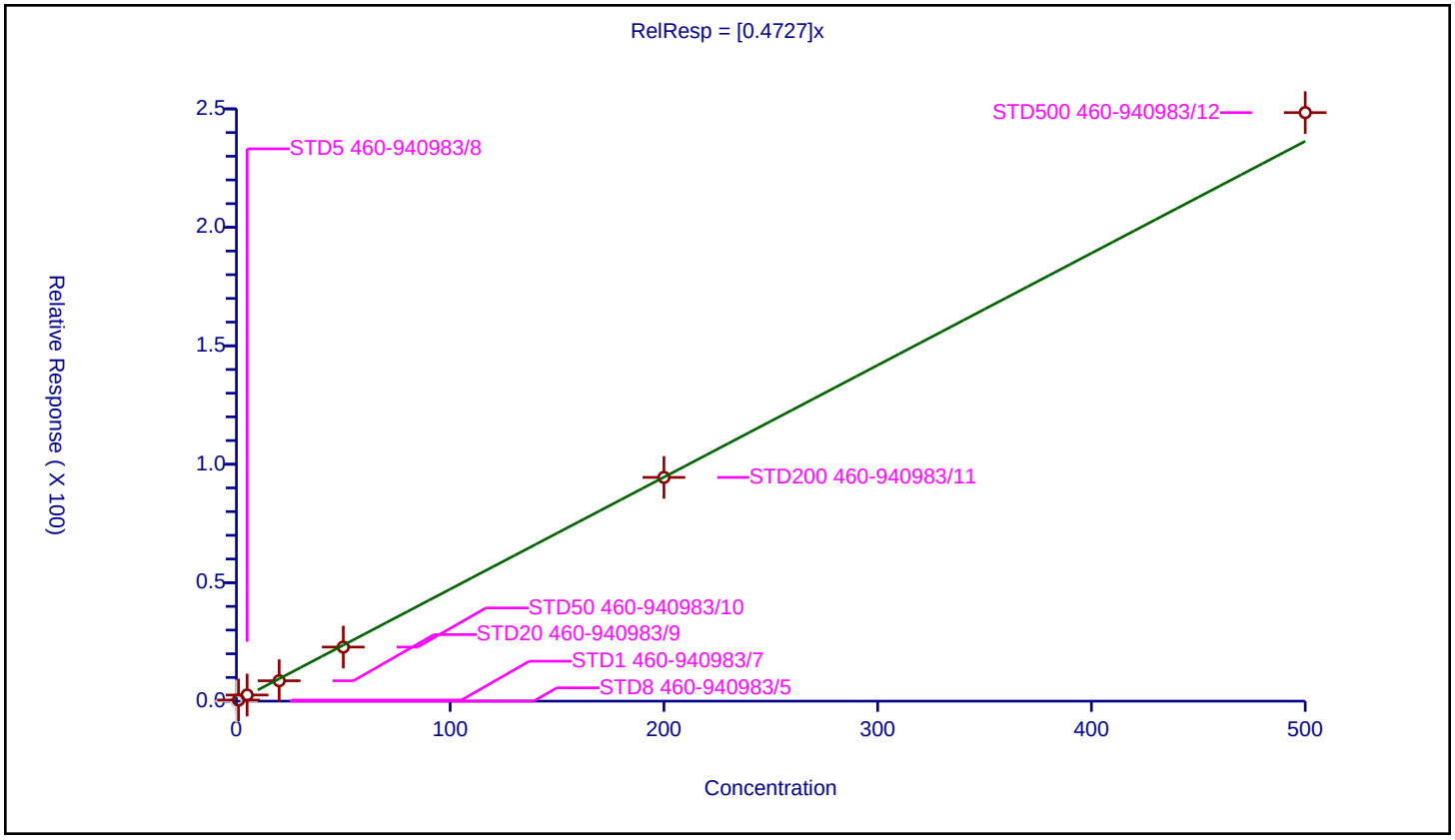
Curve Coefficients

Intercept:	0
Slope:	0.4727

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.462118	50.0	562411.0	0.462118	Y
3	STD5 460-940983/8	5.0	2.590807	50.0	576577.0	0.518161	Y
4	STD20 460-940983/9	20.0	8.608884	50.0	598469.0	0.430444	Y
5	STD50 460-940983/10	50.0	22.824092	50.0	628301.0	0.456482	Y
6	STD200 460-940983/11	200.0	94.443229	50.0	653365.0	0.472216	Y
7	STD500 460-940983/12	500.0	248.422994	50.0	707480.0	0.496846	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

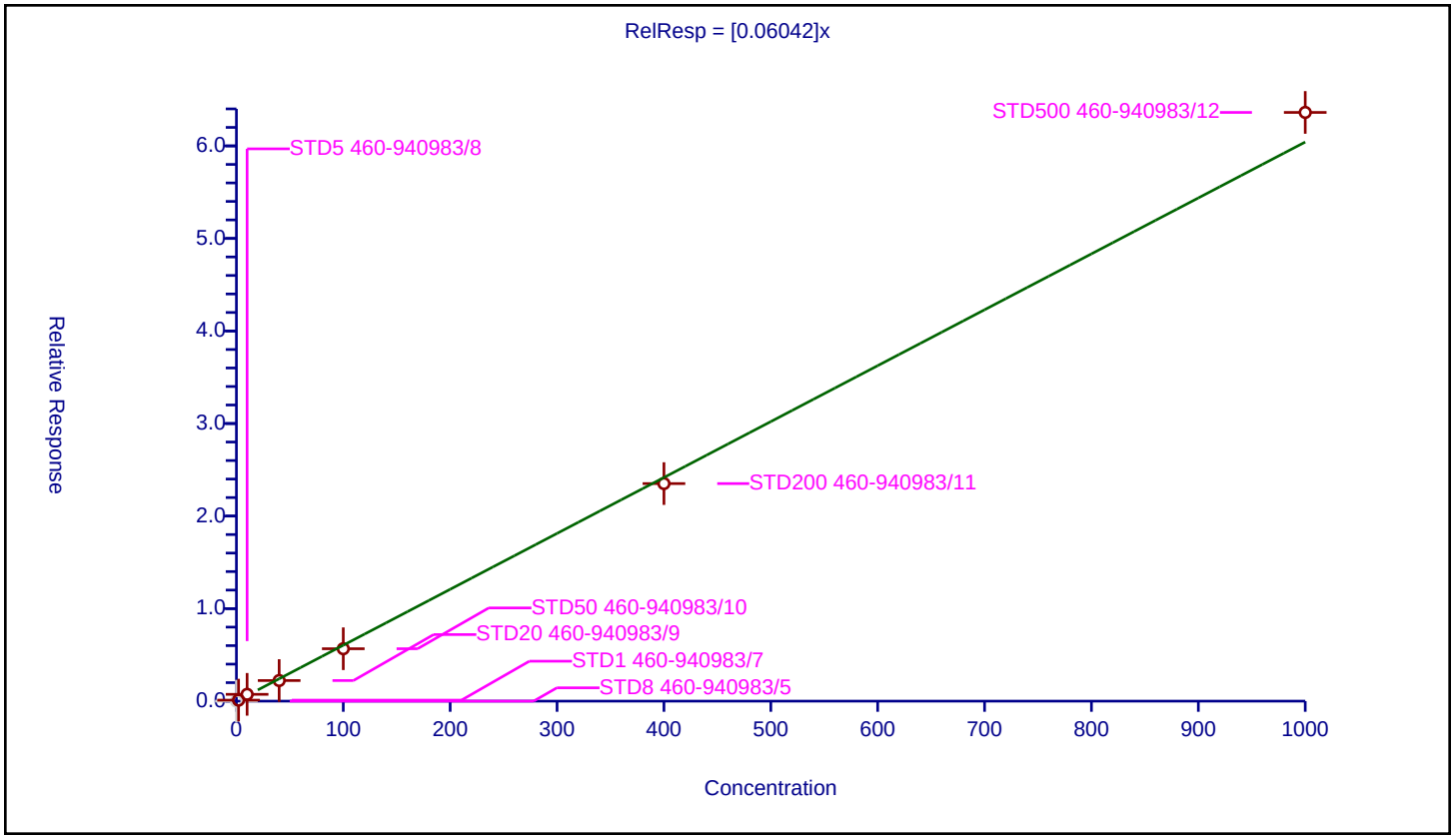
Curve Coefficients

Intercept:	0
Slope:	0.06042

Error Coefficients

Standard Error:	427000
Relative Standard Error:	11.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.108728	50.0	562411.0	0.054364	Y
3	STD5 460-940983/8	10.0	0.734854	50.0	576577.0	0.073485	Y
4	STD20 460-940983/9	40.0	2.225345	50.0	598469.0	0.055634	Y
5	STD50 460-940983/10	100.0	5.662891	50.0	628301.0	0.056629	Y
6	STD200 460-940983/11	400.0	23.510978	50.0	653365.0	0.058777	Y
7	STD500 460-940983/12	1000.0	63.618336	50.0	707480.0	0.063618	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

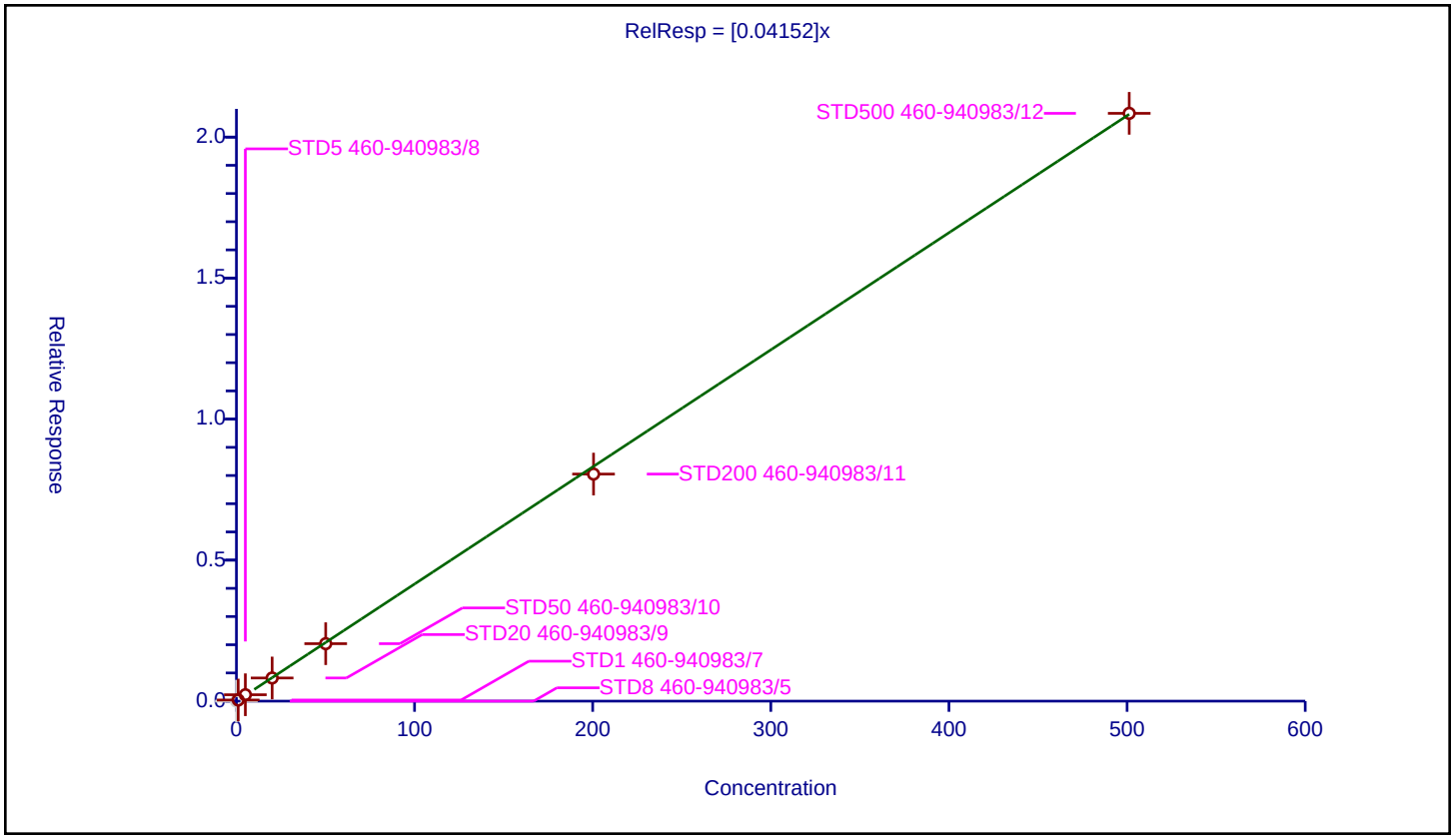
Curve Coefficients

Intercept:	0
Slope:	0.04152

Error Coefficients

Standard Error:	141000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0024	0.04054	50.0	562411.0	0.040443	Y
3	STD5 460-940983/8	5.012	0.227116	50.0	576577.0	0.045314	Y
4	STD20 460-940983/9	20.048	0.821513	50.0	598469.0	0.040977	Y
5	STD50 460-940983/10	50.12	2.037161	50.0	628301.0	0.040646	Y
6	STD200 460-940983/11	200.48	8.051549	50.0	653365.0	0.040161	Y
7	STD500 460-940983/12	501.2	20.842144	50.0	707480.0	0.041584	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

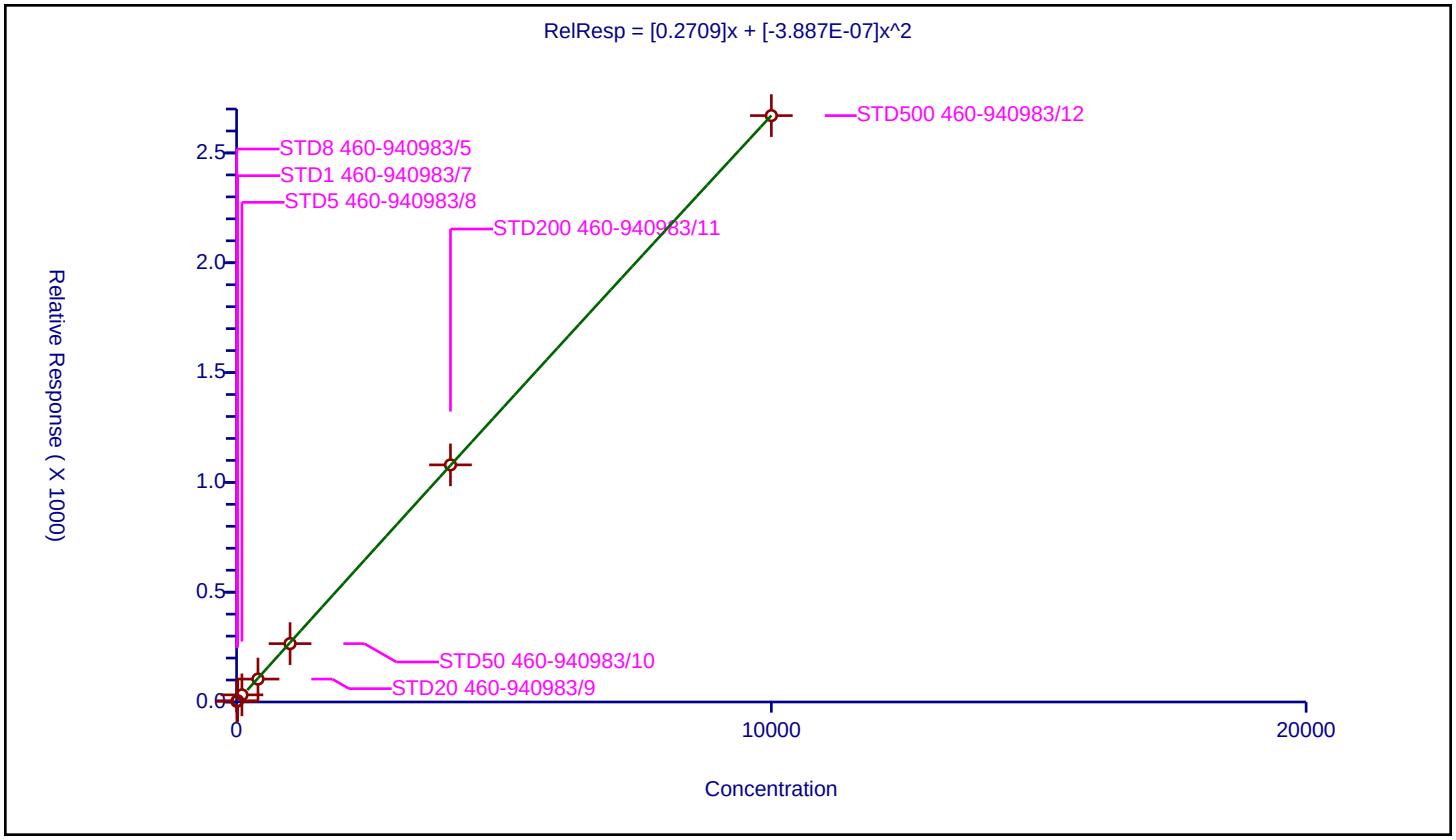
Curve Coefficients

Intercept:	0
Slope:	0.2709
Second Order:	-3.887E-07

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	52.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	5.000009	2.909384	250.0	230633.0	0.581876	Y
2	STD1 460-940983/7	20.000035	5.591544	250.0	244521.0	0.279577	Y
3	STD5 460-940983/8	100.000173	32.437108	250.0	259849.0	0.324371	Y
4	STD20 460-940983/9	400.000692	104.328617	250.0	278634.0	0.260821	Y
5	STD50 460-940983/10	1000.00173	265.7464	250.0	294353.0	0.265746	Y
6	STD200 460-940983/11	4000.00692	1079.643724	250.0	318236.0	0.26991	Y
7	STD500 460-940983/12	10000.0173	2669.979204	250.0	368826.0	0.266997	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

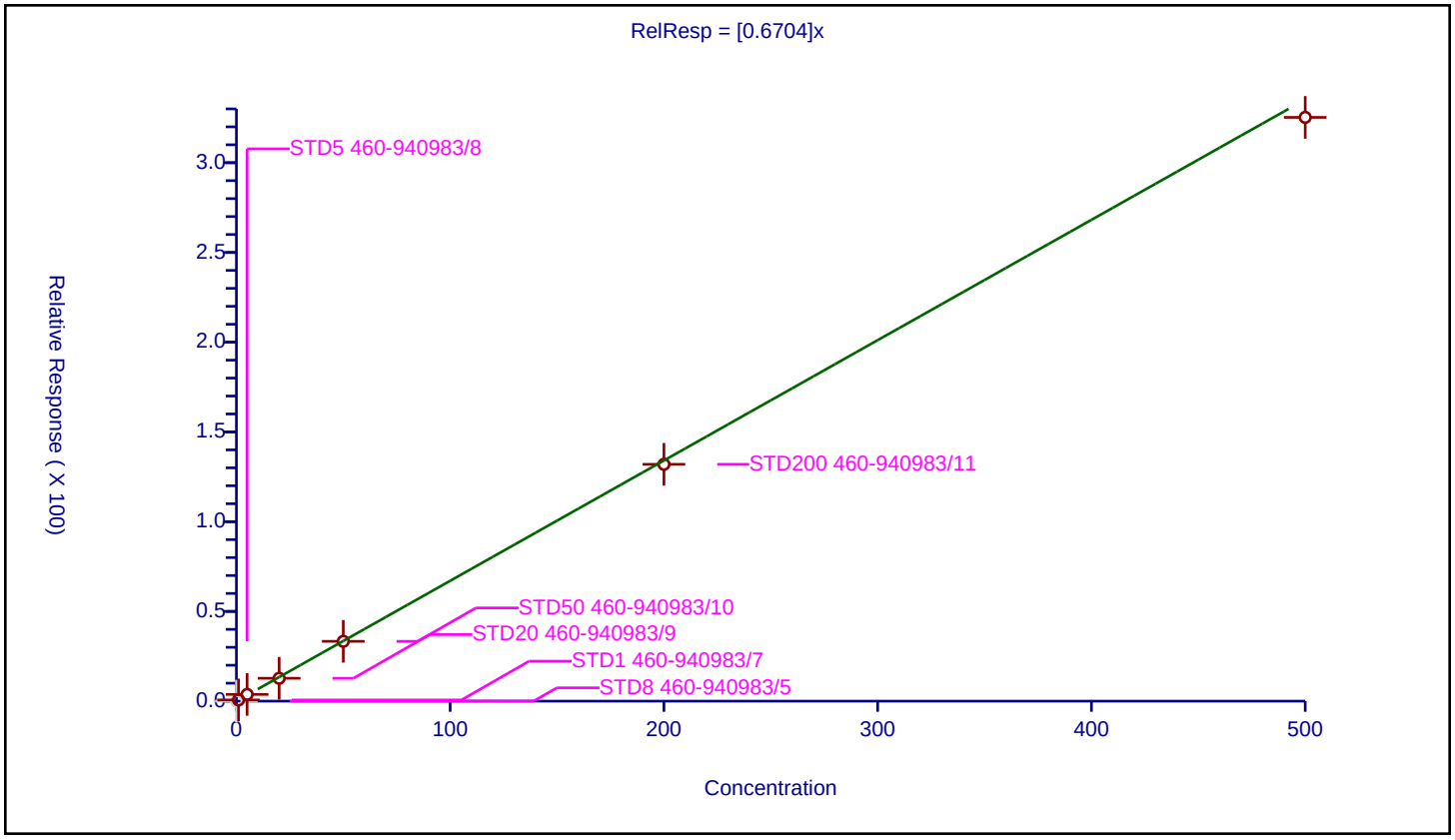
Curve Coefficients

Intercept:	0
Slope:	0.6704

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.659025	50.0	464626.0	0.659025	Y
3	STD5 460-940983/8	5.0	3.751078	50.0	475610.0	0.750216	Y
4	STD20 460-940983/9	20.0	12.734088	50.0	488492.0	0.636704	Y
5	STD50 460-940983/10	50.0	33.320202	50.0	521667.0	0.666404	Y
6	STD200 460-940983/11	200.0	131.958185	50.0	569078.0	0.659791	Y
7	STD500 460-940983/12	500.0	325.25987	50.0	648689.0	0.65052	Y



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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

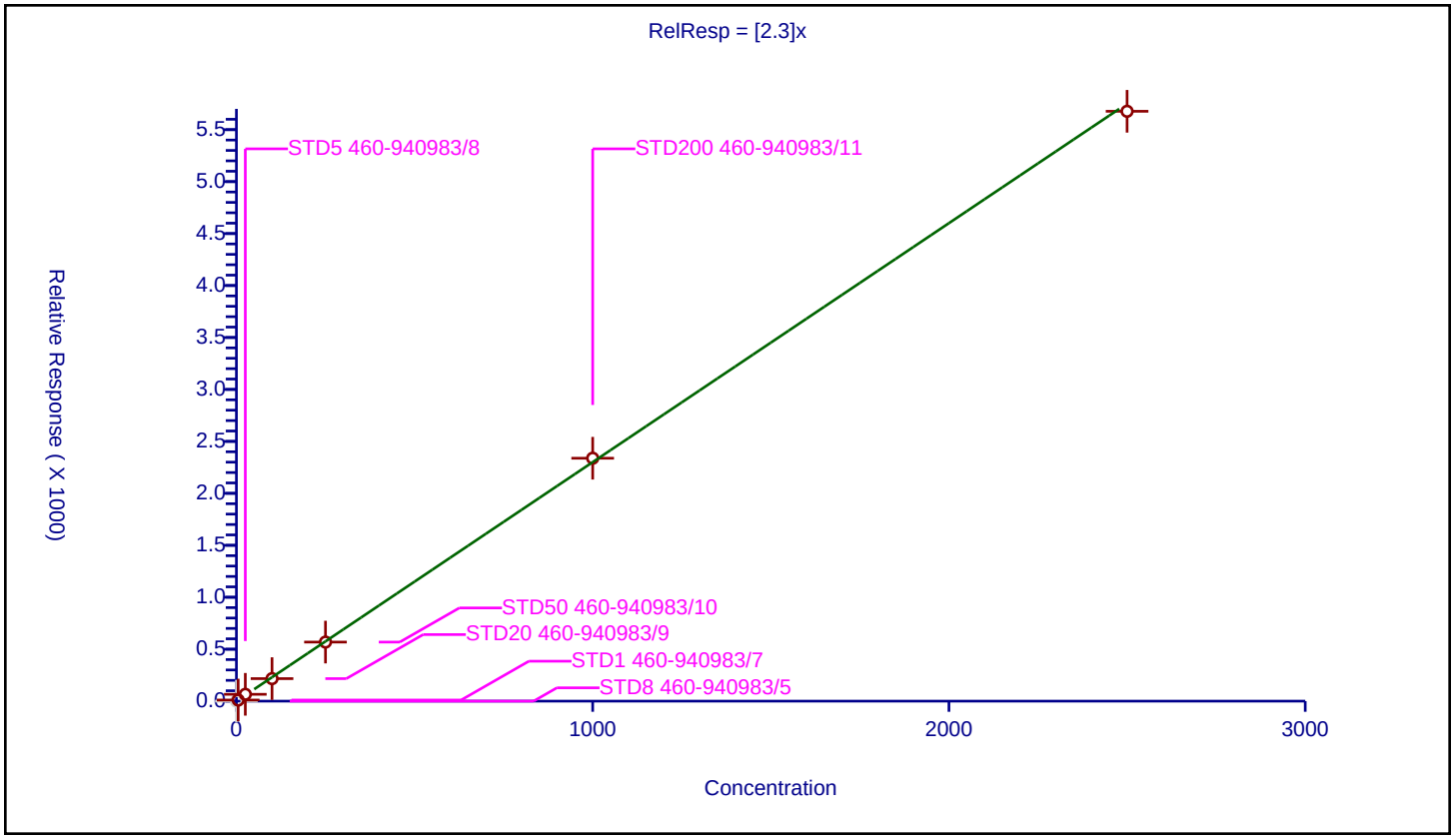
Curve Coefficients

Intercept:	0
Slope:	2.3

Error Coefficients

Standard Error:	3990000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	10.616675	250.0	244521.0	2.123335	Y
3	STD5 460-940983/8	25.0	65.697771	250.0	259849.0	2.627911	Y
4	STD20 460-940983/9	100.0	216.732344	250.0	278634.0	2.167323	Y
5	STD50 460-940983/10	250.0	568.449277	250.0	294353.0	2.273797	Y
6	STD200 460-940983/11	1000.0	2337.976376	250.0	318236.0	2.337976	Y
7	STD500 460-940983/12	2500.0	5676.933025	250.0	368826.0	2.270773	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

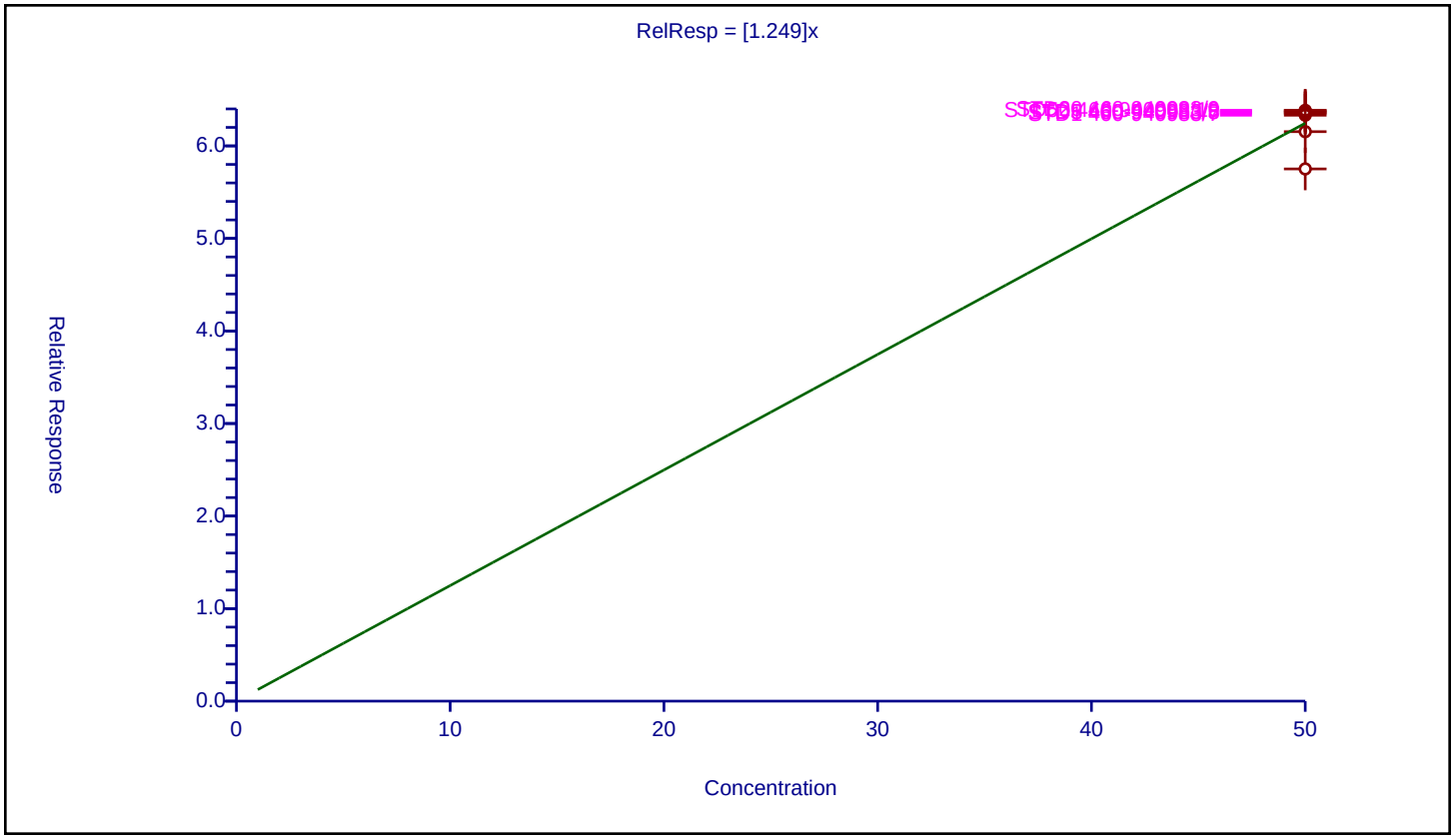
Curve Coefficients

Intercept:	0
Slope:	1.249

Error Coefficients

Standard Error:	692000
Relative Standard Error:	3.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	63.565864	50.0	420246.0	1.271317	Y
2	STD1 460-940983/7	50.0	63.313719	50.0	464626.0	1.266274	Y
3	STD5 460-940983/8	50.0	63.584765	50.0	475610.0	1.271695	Y
4	STD20 460-940983/9	50.0	63.838712	50.0	488492.0	1.276774	Y
5	STD50 460-940983/10	50.0	63.801141	50.0	521667.0	1.276023	Y
6	STD200 460-940983/11	50.0	61.539806	50.0	569078.0	1.230796	Y
7	STD500 460-940983/12	50.0	57.512614	50.0	648689.0	1.150252	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

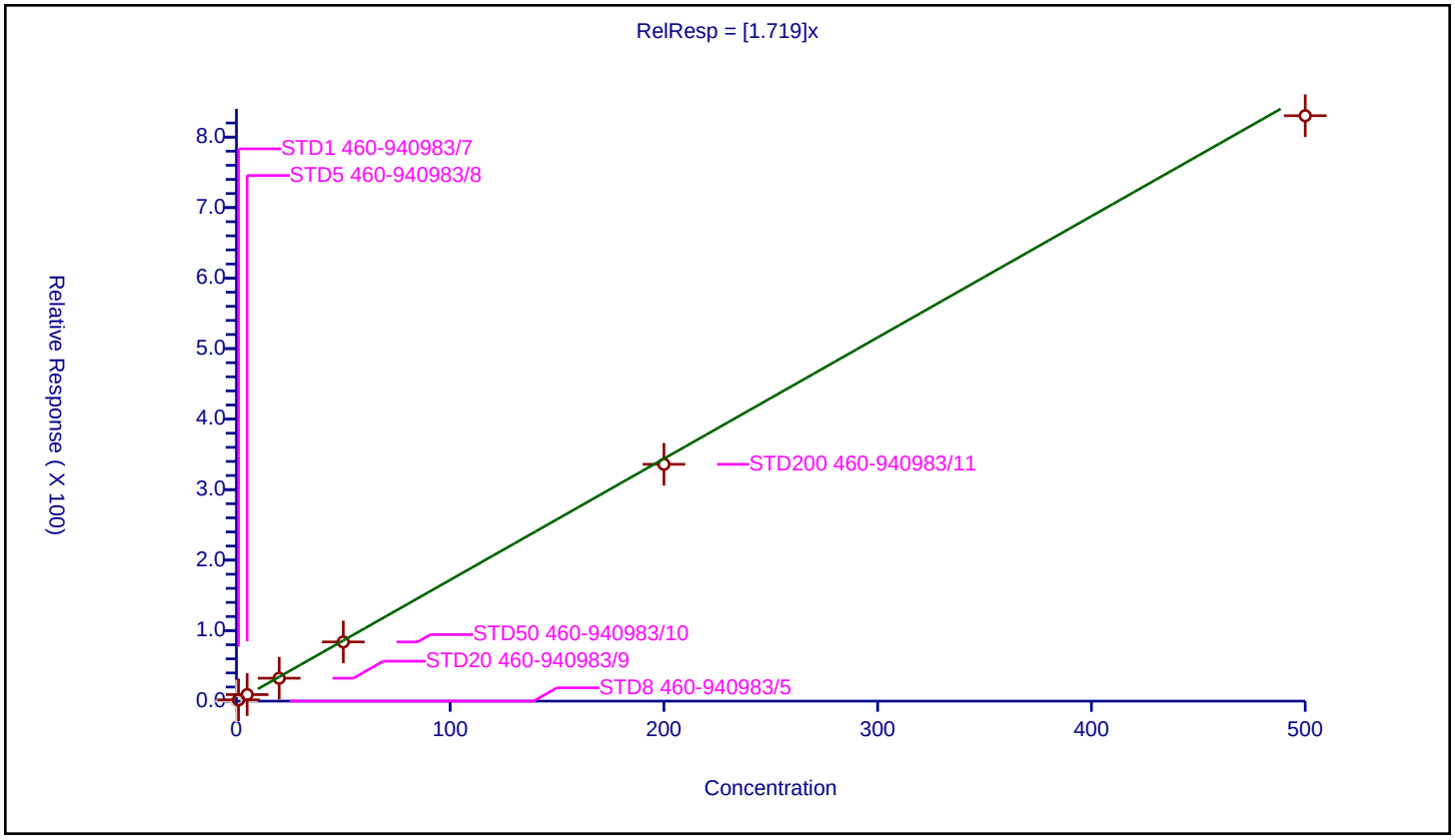
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Standard Error:	5130000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.820066	50.0	464626.0	1.820066	Y
3	STD5 460-940983/8	5.0	9.263157	50.0	475610.0	1.852631	Y
4	STD20 460-940983/9	20.0	32.500532	50.0	488492.0	1.625027	Y
5	STD50 460-940983/10	50.0	83.947231	50.0	521667.0	1.678945	Y
6	STD200 460-940983/11	200.0	335.901405	50.0	569078.0	1.679507	Y
7	STD500 460-940983/12	500.0	830.334259	50.0	648689.0	1.660669	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

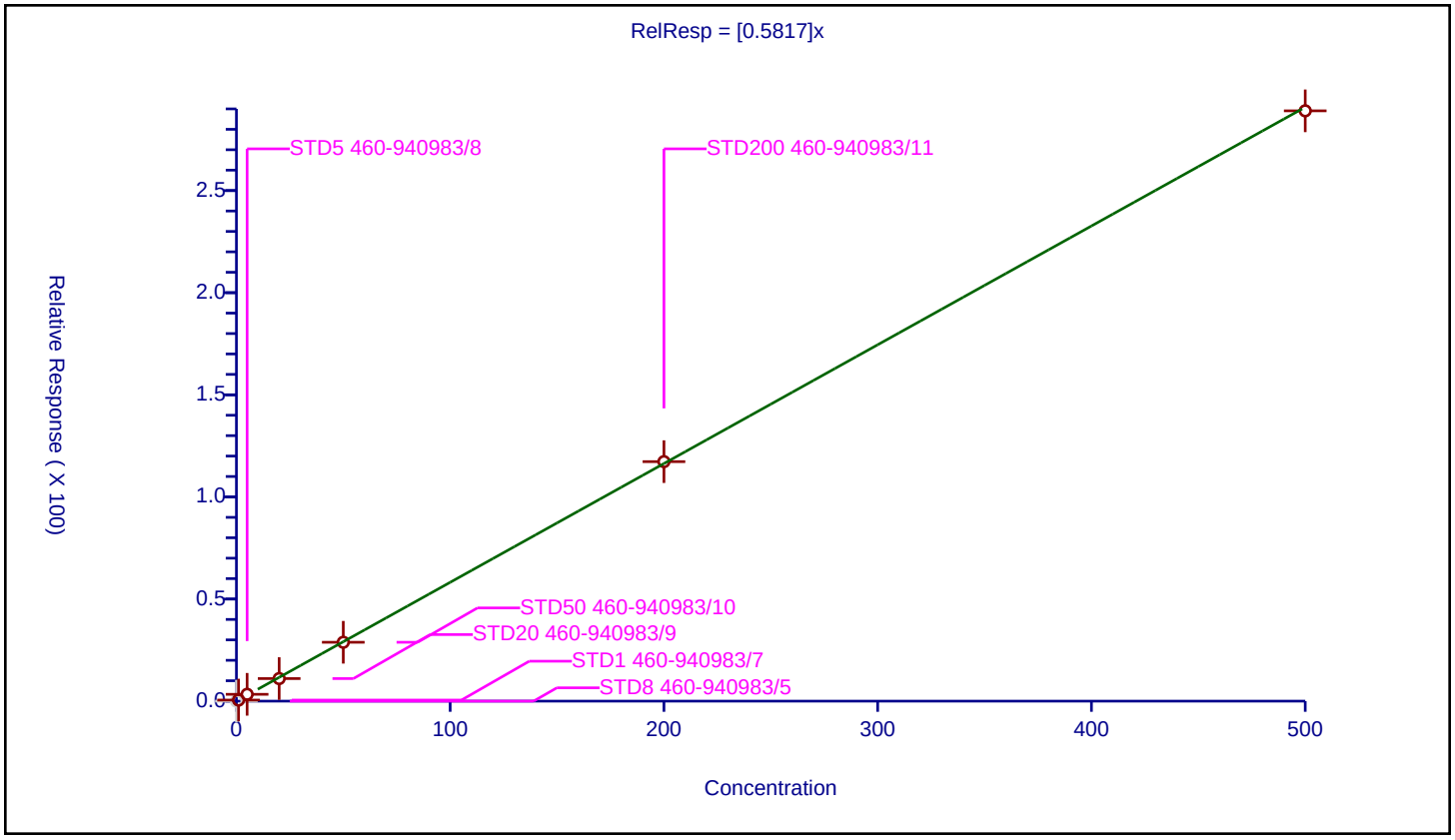
Curve Coefficients

Intercept:	0
Slope:	0.5817

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.526014	50.0	464626.0	0.526014	Y
3	STD5 460-940983/8	5.0	3.349068	50.0	475610.0	0.669814	Y
4	STD20 460-940983/9	20.0	11.059035	50.0	488492.0	0.552952	Y
5	STD50 460-940983/10	50.0	28.83487	50.0	521667.0	0.576697	Y
6	STD200 460-940983/11	200.0	117.278124	50.0	569078.0	0.586391	Y
7	STD500 460-940983/12	500.0	289.053229	50.0	648689.0	0.578106	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

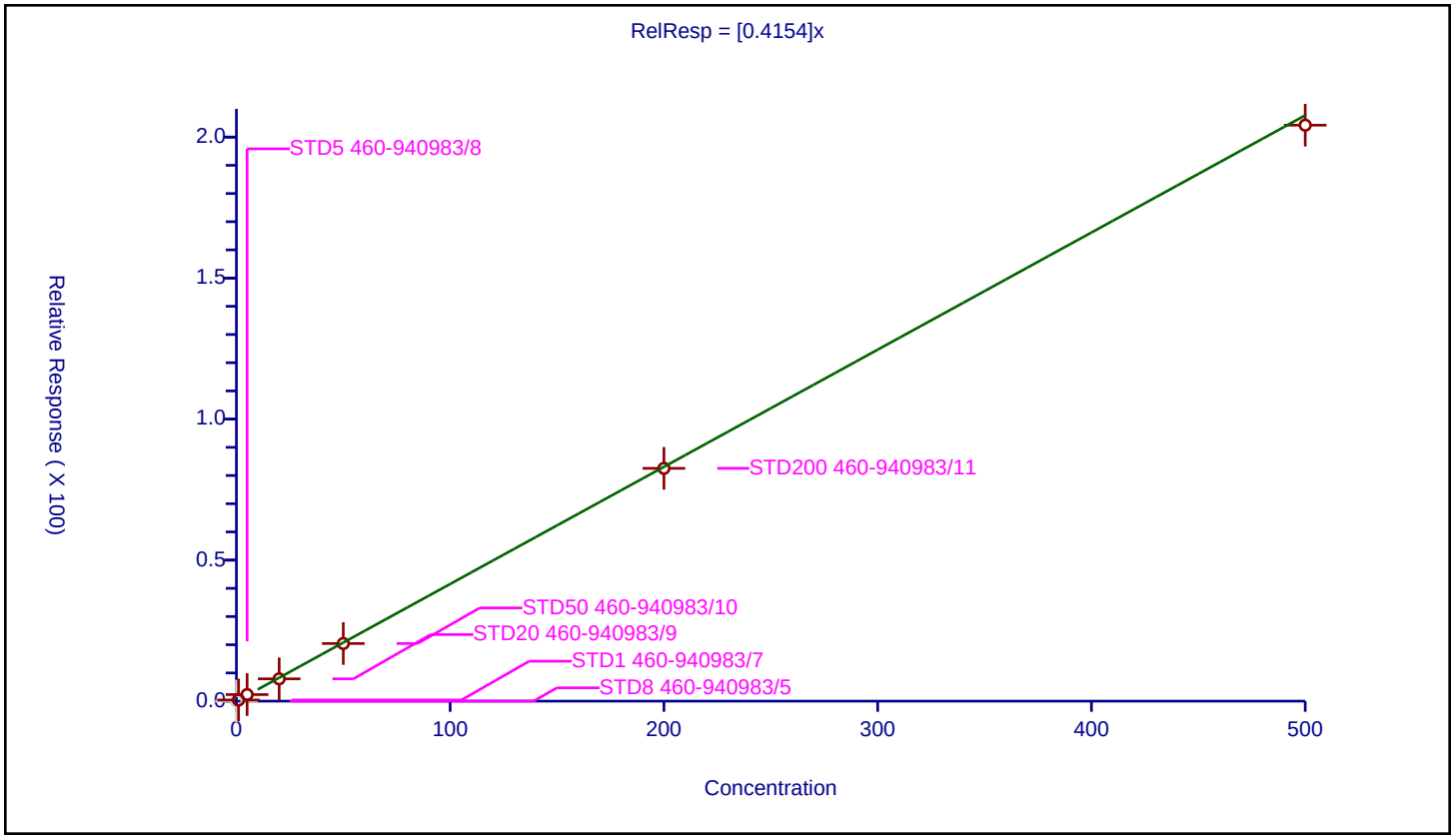
Curve Coefficients

Intercept:	0
Slope:	0.4154

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.401829	50.0	464626.0	0.401829	Y
3	STD5 460-940983/8	5.0	2.327853	50.0	475610.0	0.465571	Y
4	STD20 460-940983/9	20.0	7.905759	50.0	488492.0	0.395288	Y
5	STD50 460-940983/10	50.0	20.431041	50.0	521667.0	0.408621	Y
6	STD200 460-940983/11	200.0	82.547999	50.0	569078.0	0.41274	Y
7	STD500 460-940983/12	500.0	204.218971	50.0	648689.0	0.408438	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

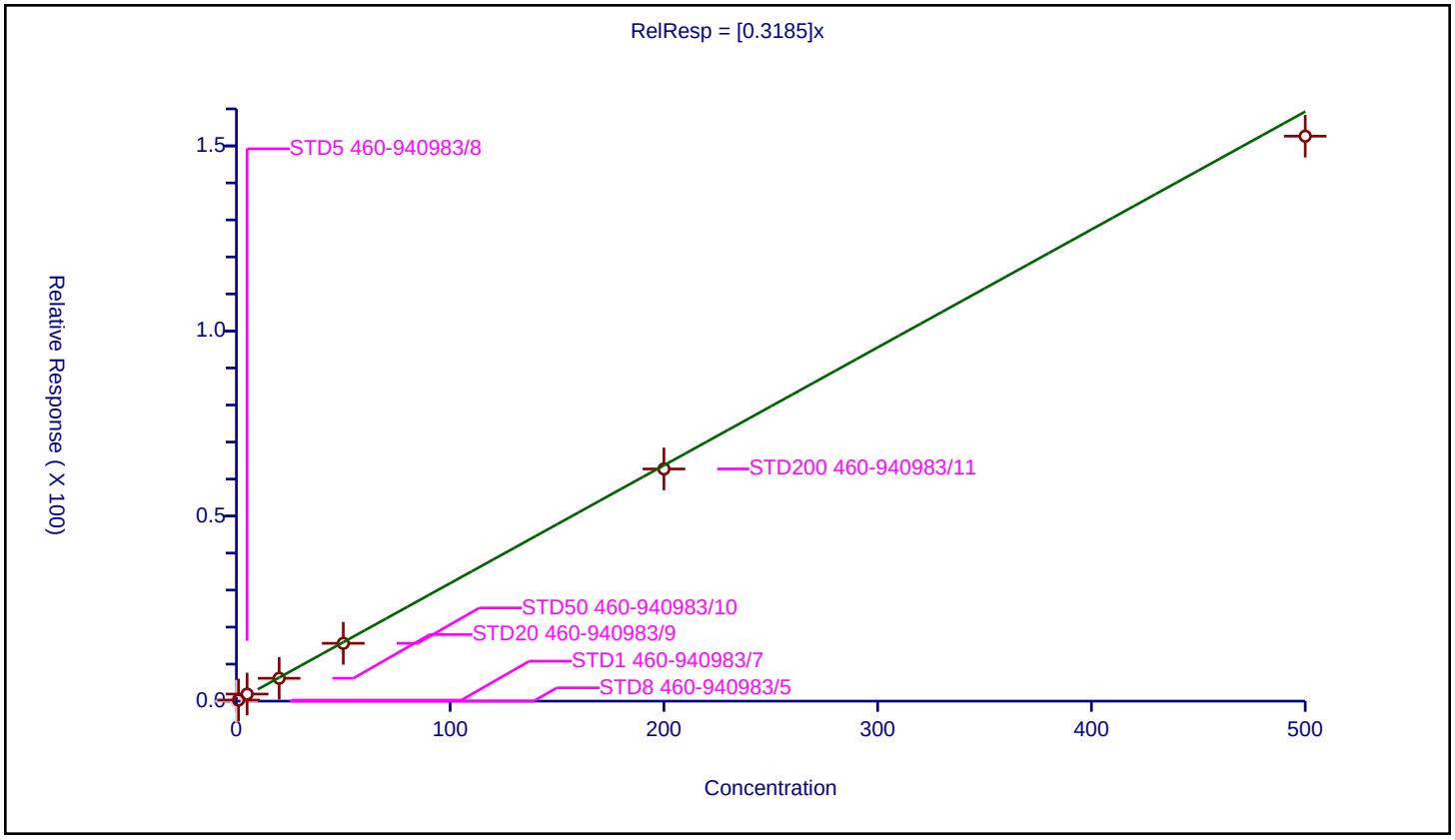
Curve Coefficients

Intercept:	0
Slope:	0.3185

Error Coefficients

Standard Error:	945000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.288942	50.0	464626.0	0.288942	Y
3	STD5 460-940983/8	5.0	1.910809	50.0	475610.0	0.382162	Y
4	STD20 460-940983/9	20.0	6.174206	50.0	488492.0	0.30871	Y
5	STD50 460-940983/10	50.0	15.623281	50.0	521667.0	0.312466	Y
6	STD200 460-940983/11	200.0	62.724969	50.0	569078.0	0.313625	Y
7	STD500 460-940983/12	500.0	152.627684	50.0	648689.0	0.305255	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

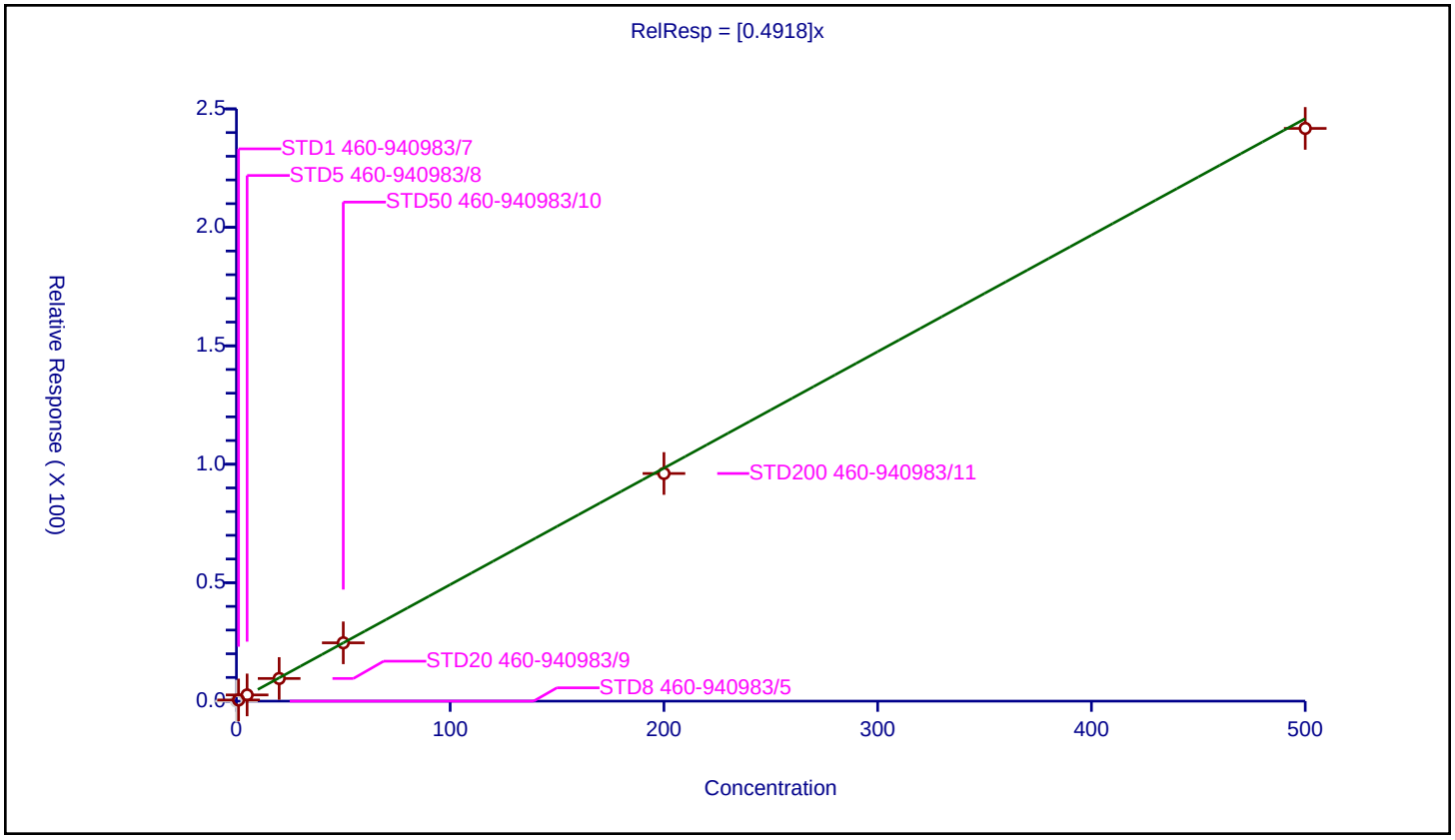
Curve Coefficients

Intercept:	0
Slope:	0.4918

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.491793	50.0	464626.0	0.491793	Y
3	STD5 460-940983/8	5.0	2.622632	50.0	475610.0	0.524526	Y
4	STD20 460-940983/9	20.0	9.560341	50.0	488492.0	0.478017	Y
5	STD50 460-940983/10	50.0	24.612828	50.0	521667.0	0.492257	Y
6	STD200 460-940983/11	200.0	96.093945	50.0	569078.0	0.48047	Y
7	STD500 460-940983/12	500.0	241.759842	50.0	648689.0	0.48352	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

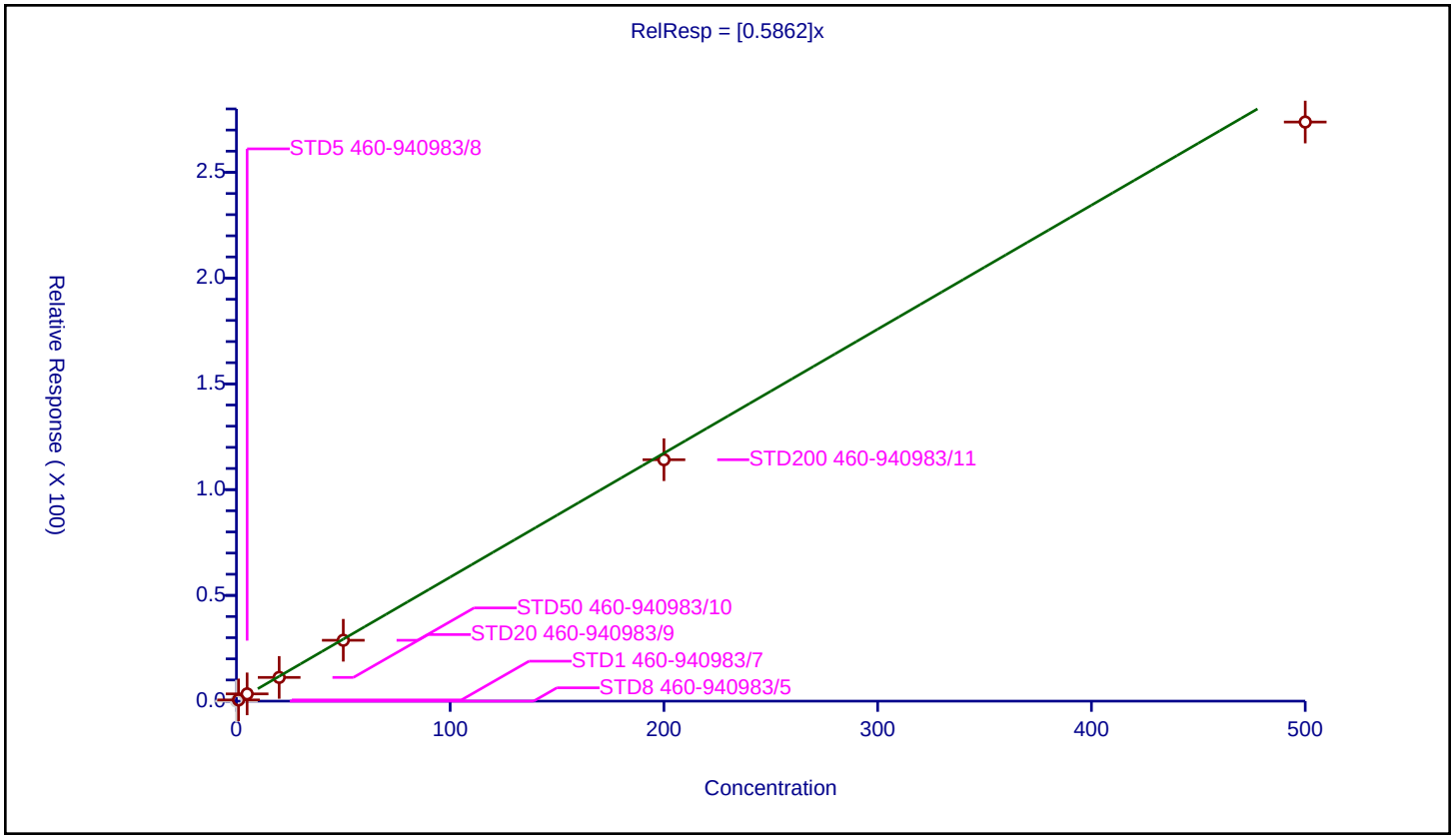
Curve Coefficients

Intercept:	0
Slope:	0.5862

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.5767	50.0	464626.0	0.5767	Y
3	STD5 460-940983/8	5.0	3.429385	50.0	475610.0	0.685877	Y
4	STD20 460-940983/9	20.0	11.214411	50.0	488492.0	0.560721	Y
5	STD50 460-940983/10	50.0	28.773528	50.0	521667.0	0.575471	Y
6	STD200 460-940983/11	200.0	114.136639	50.0	569078.0	0.570683	Y
7	STD500 460-940983/12	500.0	273.792834	50.0	648689.0	0.547586	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

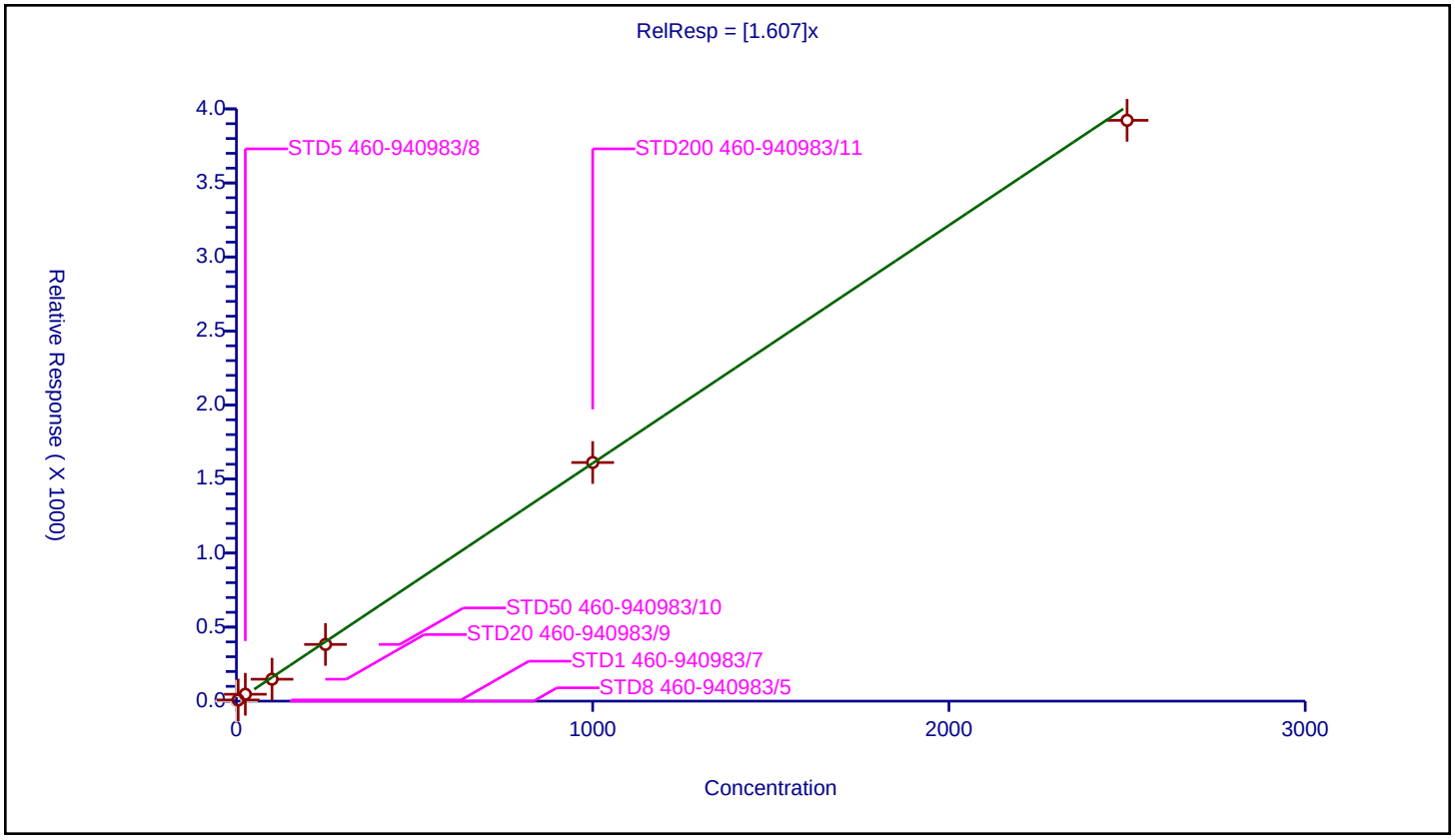
Curve Coefficients

Intercept:	0
Slope:	1.607

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	7.927744	250.0	244521.0	1.585549	Y
3	STD5 460-940983/8	25.0	46.544339	250.0	259849.0	1.861774	Y
4	STD20 460-940983/9	100.0	148.119038	250.0	278634.0	1.48119	Y
5	STD50 460-940983/10	250.0	383.015461	250.0	294353.0	1.532062	Y
6	STD200 460-940983/11	1000.0	1611.67027	250.0	318236.0	1.61167	Y
7	STD500 460-940983/12	2500.0	3922.860644	250.0	368826.0	1.569144	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

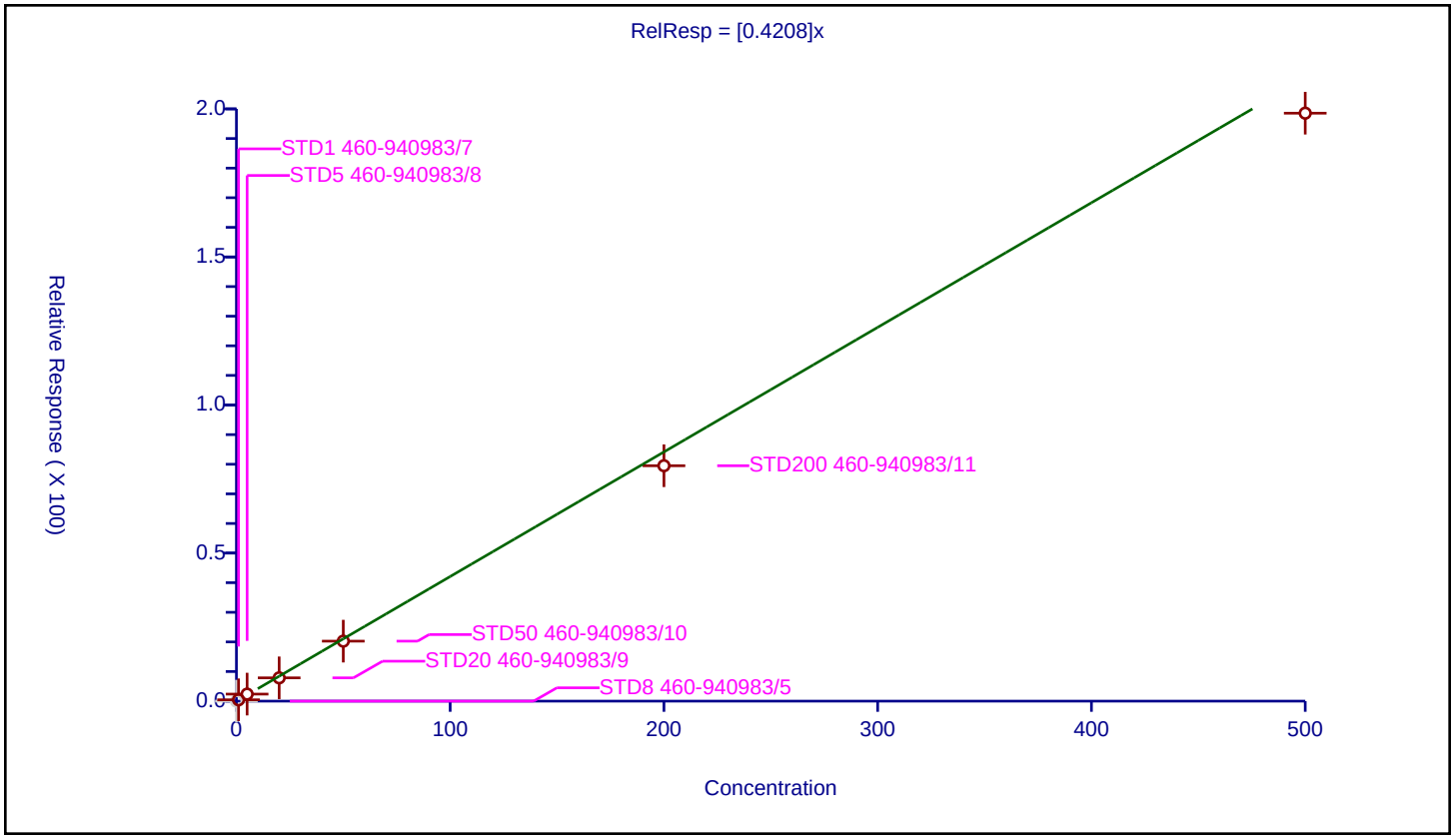
Curve Coefficients

Intercept:	0
Slope:	0.4208

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.456281	50.0	464626.0	0.456281	Y
3	STD5 460-940983/8	5.0	2.376737	50.0	475610.0	0.475347	Y
4	STD20 460-940983/9	20.0	7.863077	50.0	488492.0	0.393154	Y
5	STD50 460-940983/10	50.0	20.263789	50.0	521667.0	0.405276	Y
6	STD200 460-940983/11	200.0	79.498329	50.0	569078.0	0.397492	Y
7	STD500 460-940983/12	500.0	198.556242	50.0	648689.0	0.397112	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

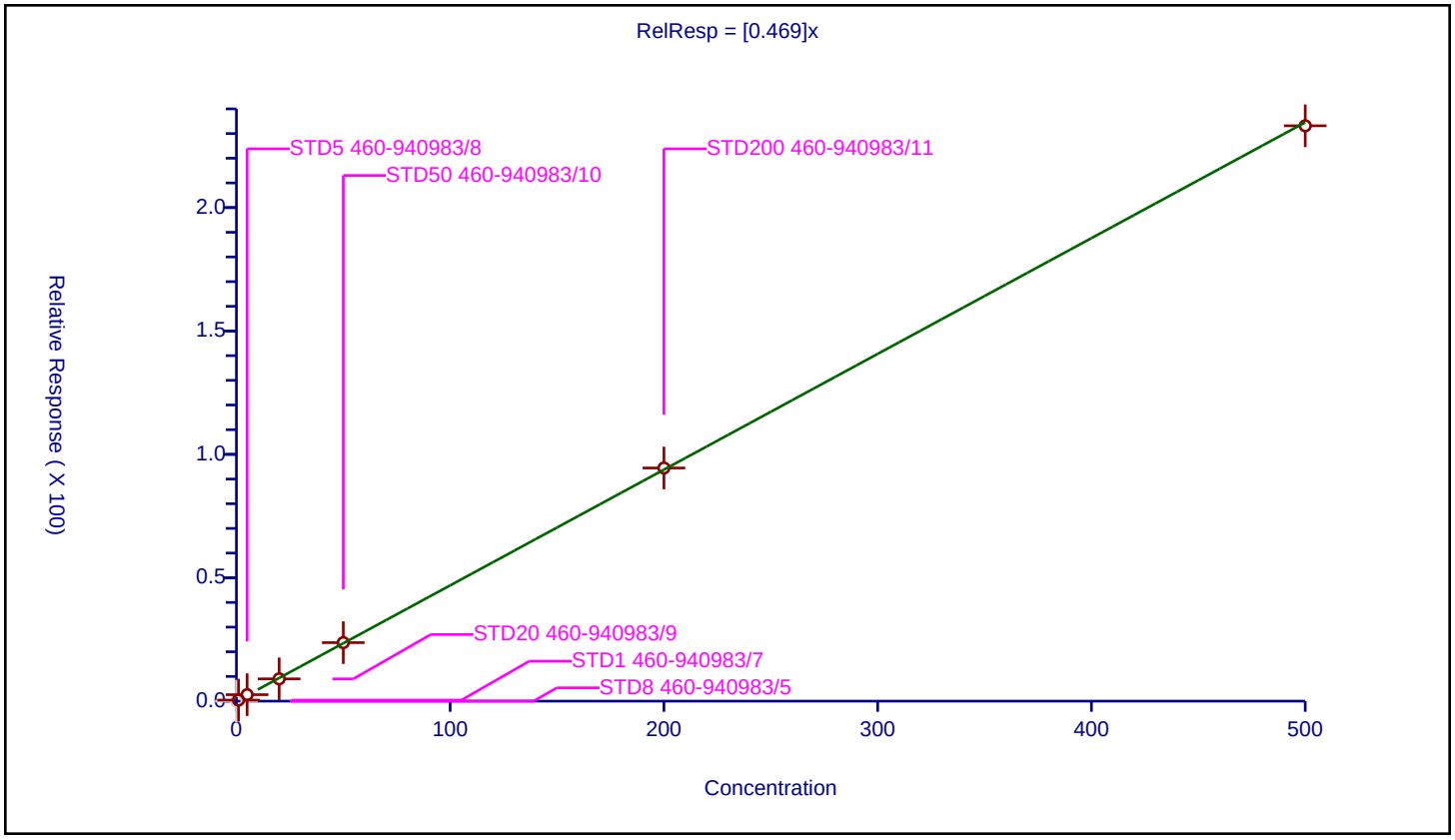
Curve Coefficients

Intercept:	0
Slope:	0.469

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.427441	50.0	464626.0	0.427441	Y
3	STD5 460-940983/8	5.0	2.61296	50.0	475610.0	0.522592	Y
4	STD20 460-940983/9	20.0	9.026965	50.0	488492.0	0.451348	Y
5	STD50 460-940983/10	50.0	23.711678	50.0	521667.0	0.474234	Y
6	STD200 460-940983/11	200.0	94.477031	50.0	569078.0	0.472385	Y
7	STD500 460-940983/12	500.0	233.140997	50.0	648689.0	0.466282	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

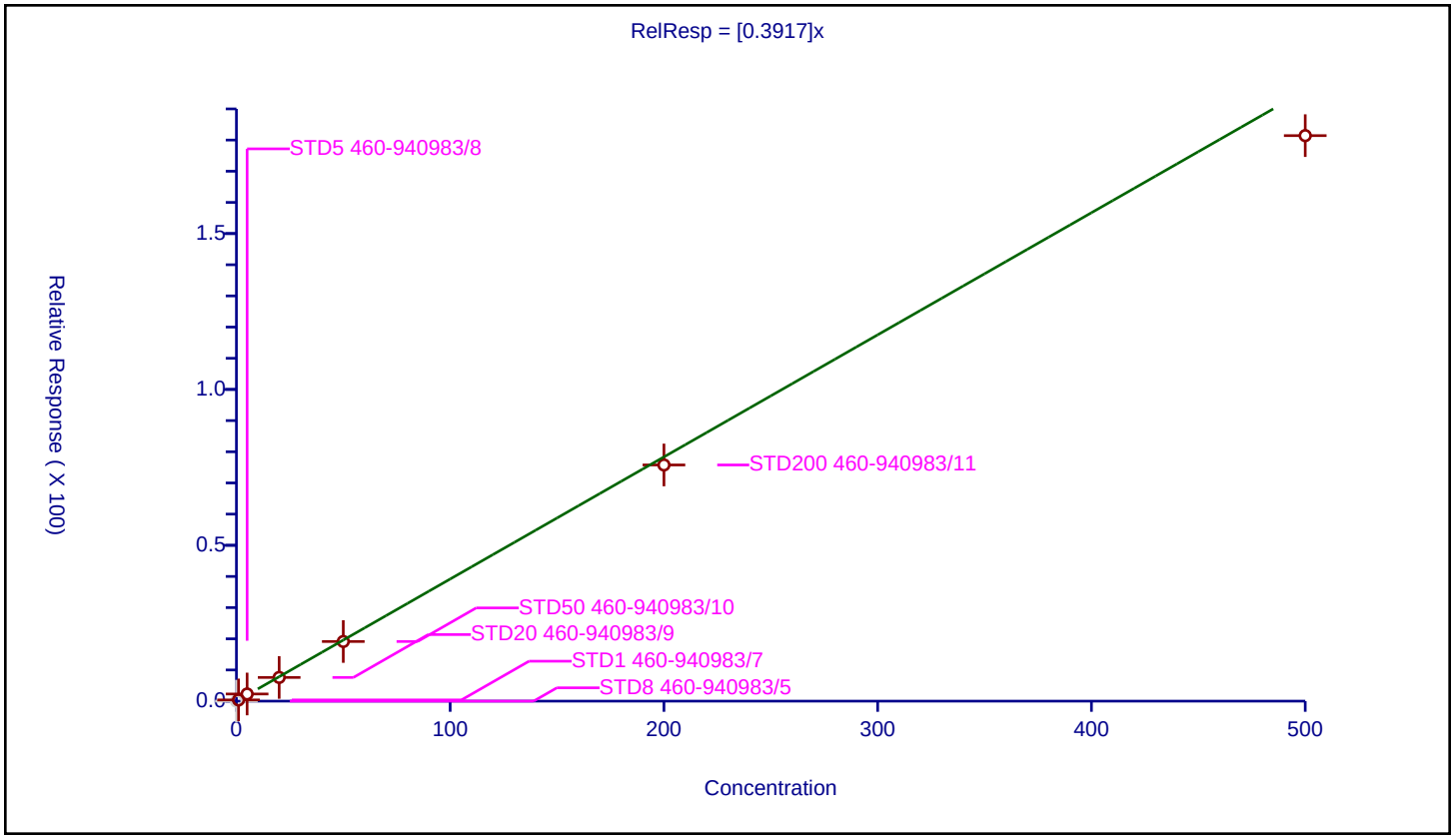
Curve Coefficients

Intercept:	0
Slope:	0.3917

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.386225	50.0	464626.0	0.386225	Y
3	STD5 460-940983/8	5.0	2.297576	50.0	475610.0	0.459515	Y
4	STD20 460-940983/9	20.0	7.604321	50.0	488492.0	0.380216	Y
5	STD50 460-940983/10	50.0	19.134045	50.0	521667.0	0.382681	Y
6	STD200 460-940983/11	200.0	75.771248	50.0	569078.0	0.378856	Y
7	STD500 460-940983/12	500.0	181.422299	50.0	648689.0	0.362845	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

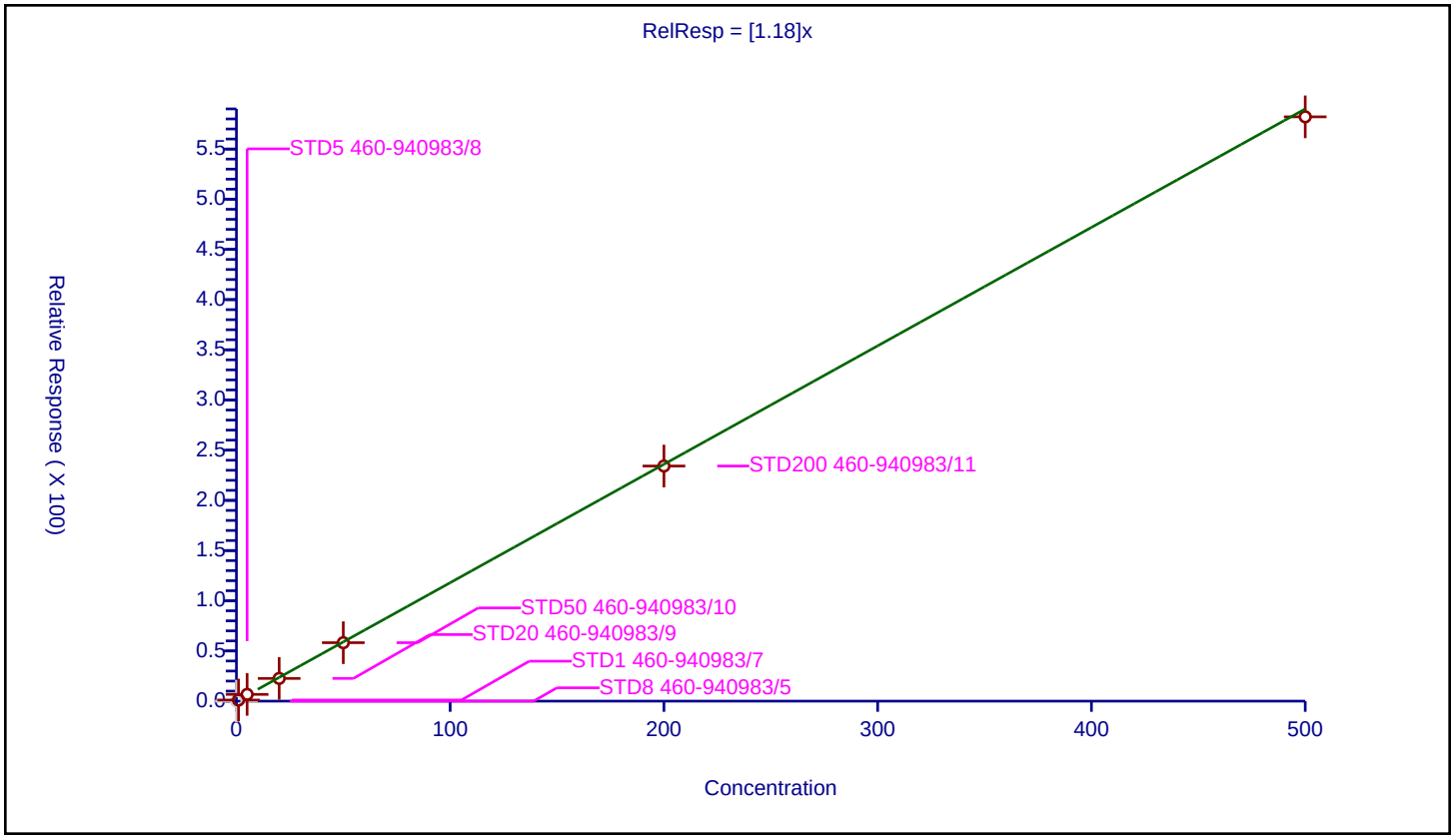
Curve Coefficients

Intercept:	0
Slope:	1.18

Error Coefficients

Standard Error:	3590000
Relative Standard Error:	7.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.106697	50.0	464626.0	1.106697	Y
3	STD5 460-940983/8	5.0	6.713379	50.0	475610.0	1.342676	Y
4	STD20 460-940983/9	20.0	22.606409	50.0	488492.0	1.13032	Y
5	STD50 460-940983/10	50.0	58.221145	50.0	521667.0	1.164423	Y
6	STD200 460-940983/11	200.0	234.208843	50.0	569078.0	1.171044	Y
7	STD500 460-940983/12	500.0	582.098818	50.0	648689.0	1.164198	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

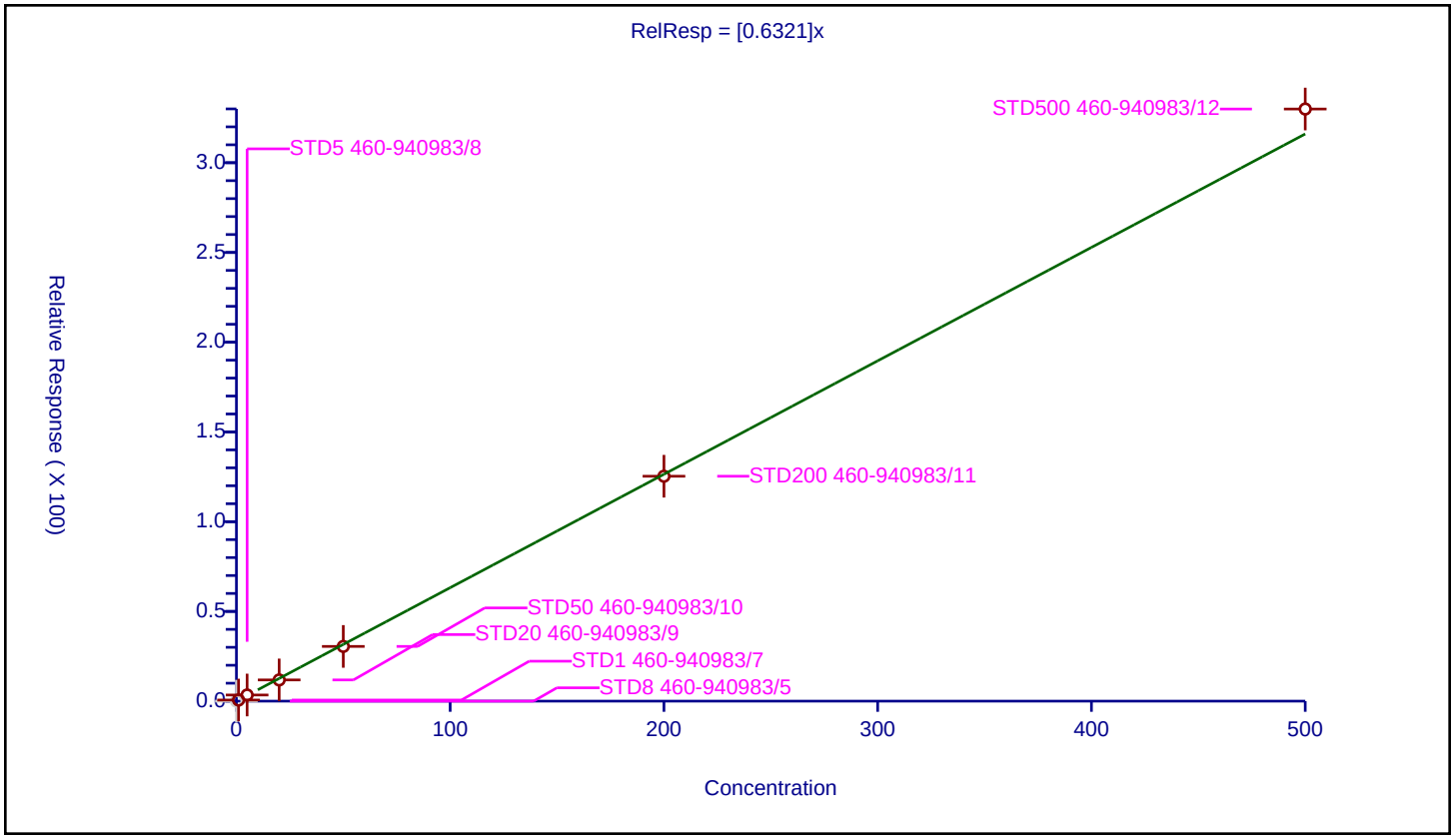
Curve Coefficients

Intercept:	0
Slope:	0.6321

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.620607	50.0	464626.0	0.620607	Y
3	STD5 460-940983/8	5.0	3.424024	50.0	475610.0	0.684805	Y
4	STD20 460-940983/9	20.0	11.814114	50.0	488492.0	0.590706	Y
5	STD50 460-940983/10	50.0	30.489565	50.0	521667.0	0.609791	Y
6	STD200 460-940983/11	200.0	125.315071	50.0	569078.0	0.626575	Y
7	STD500 460-940983/12	500.0	329.93214	50.0	648689.0	0.659864	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

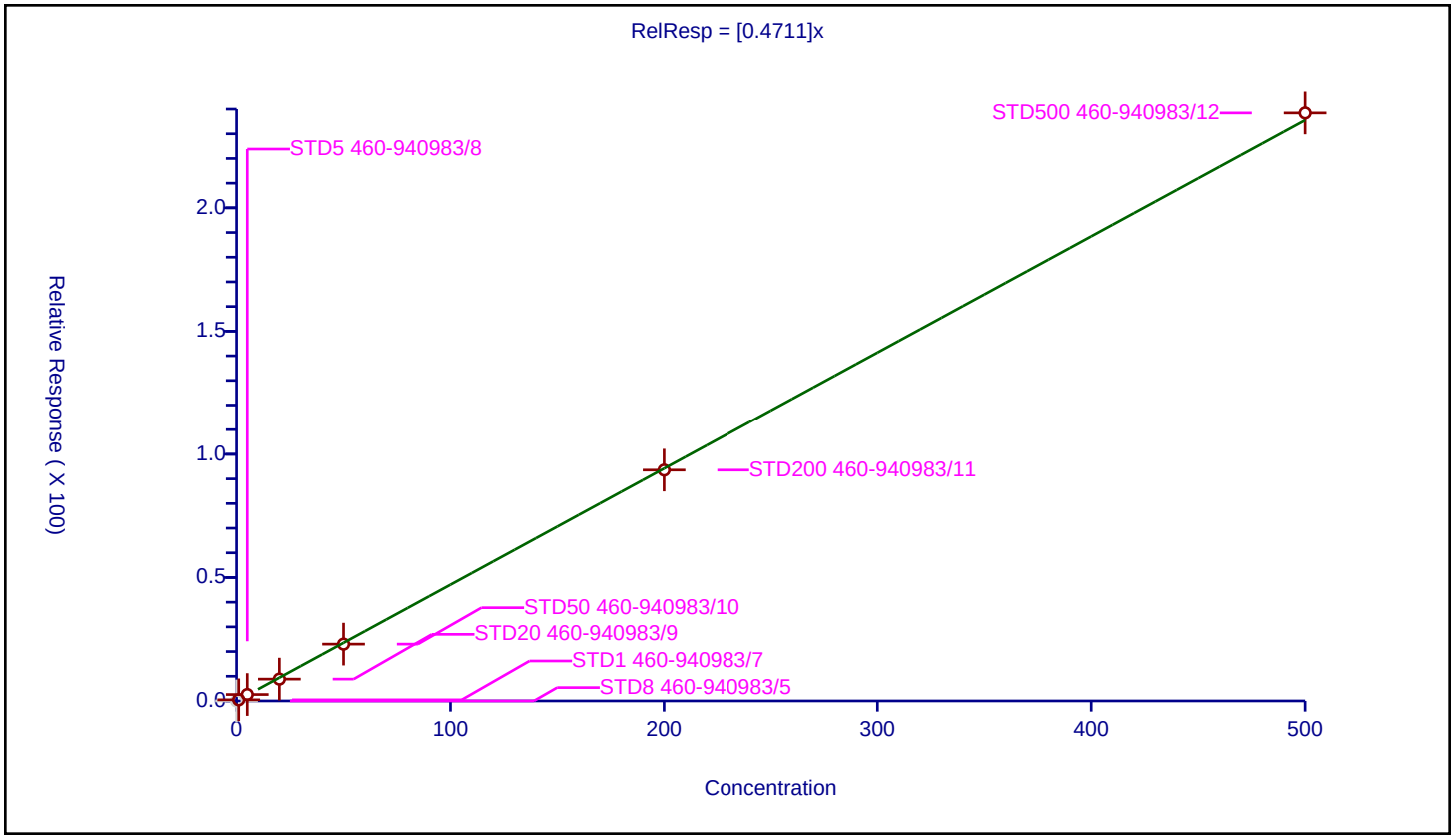
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.45994	50.0	464626.0	0.45994	Y
3	STD5 460-940983/8	5.0	2.59614	50.0	475610.0	0.519228	Y
4	STD20 460-940983/9	20.0	8.843134	50.0	488492.0	0.442157	Y
5	STD50 460-940983/10	50.0	23.014778	50.0	521667.0	0.460296	Y
6	STD200 460-940983/11	200.0	93.579175	50.0	569078.0	0.467896	Y
7	STD500 460-940983/12	500.0	238.441225	50.0	648689.0	0.476882	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

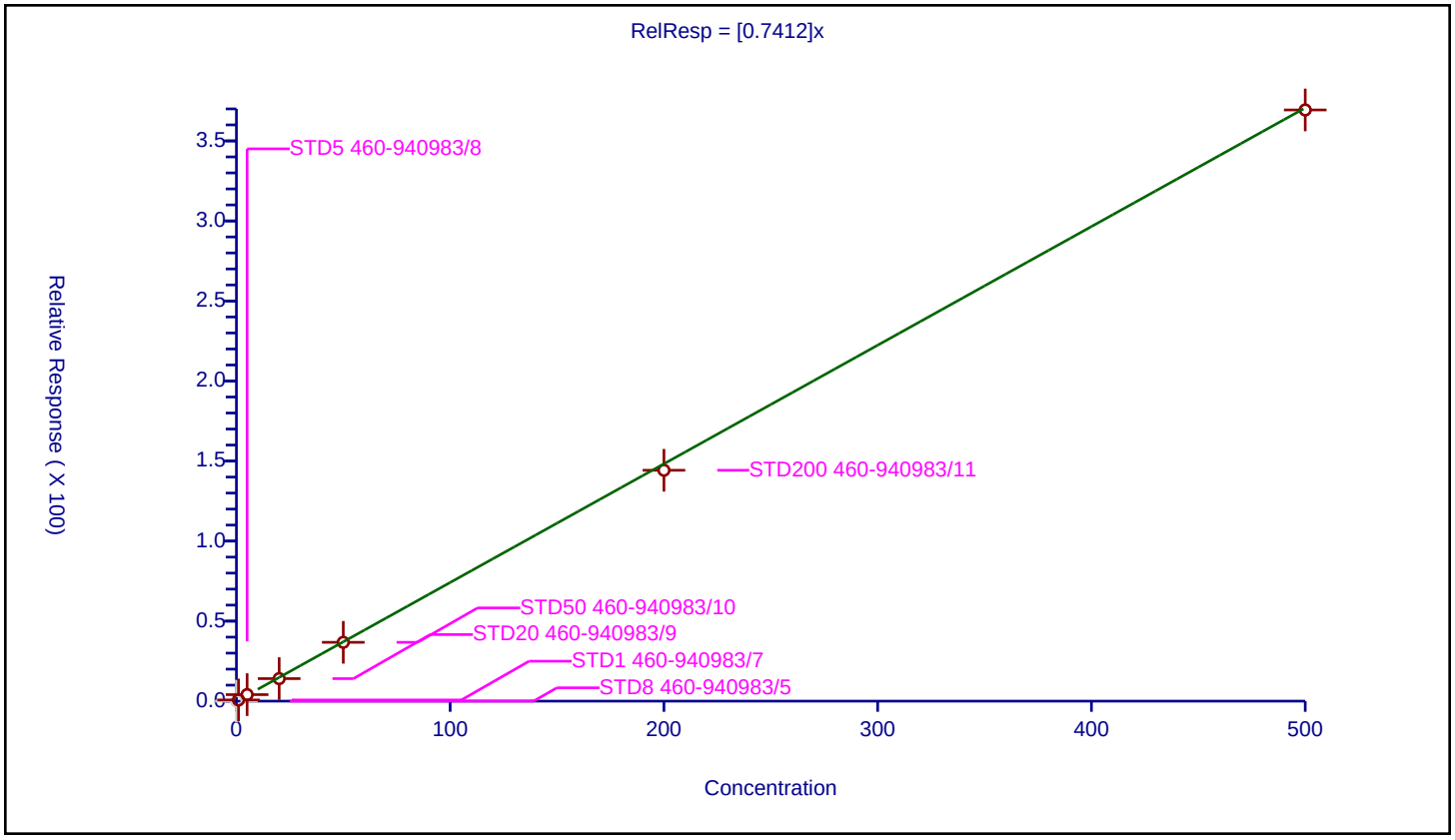
Curve Coefficients

Intercept:	0
Slope:	0.7412

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	5.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.735107	50.0	464626.0	0.735107	Y
3	STD5 460-940983/8	5.0	4.070667	50.0	475610.0	0.814133	Y
4	STD20 460-940983/9	20.0	14.070343	50.0	488492.0	0.703517	Y
5	STD50 460-940983/10	50.0	36.743651	50.0	521667.0	0.734873	Y
6	STD200 460-940983/11	200.0	144.237345	50.0	569078.0	0.721187	Y
7	STD500 460-940983/12	500.0	369.33546	50.0	648689.0	0.738671	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

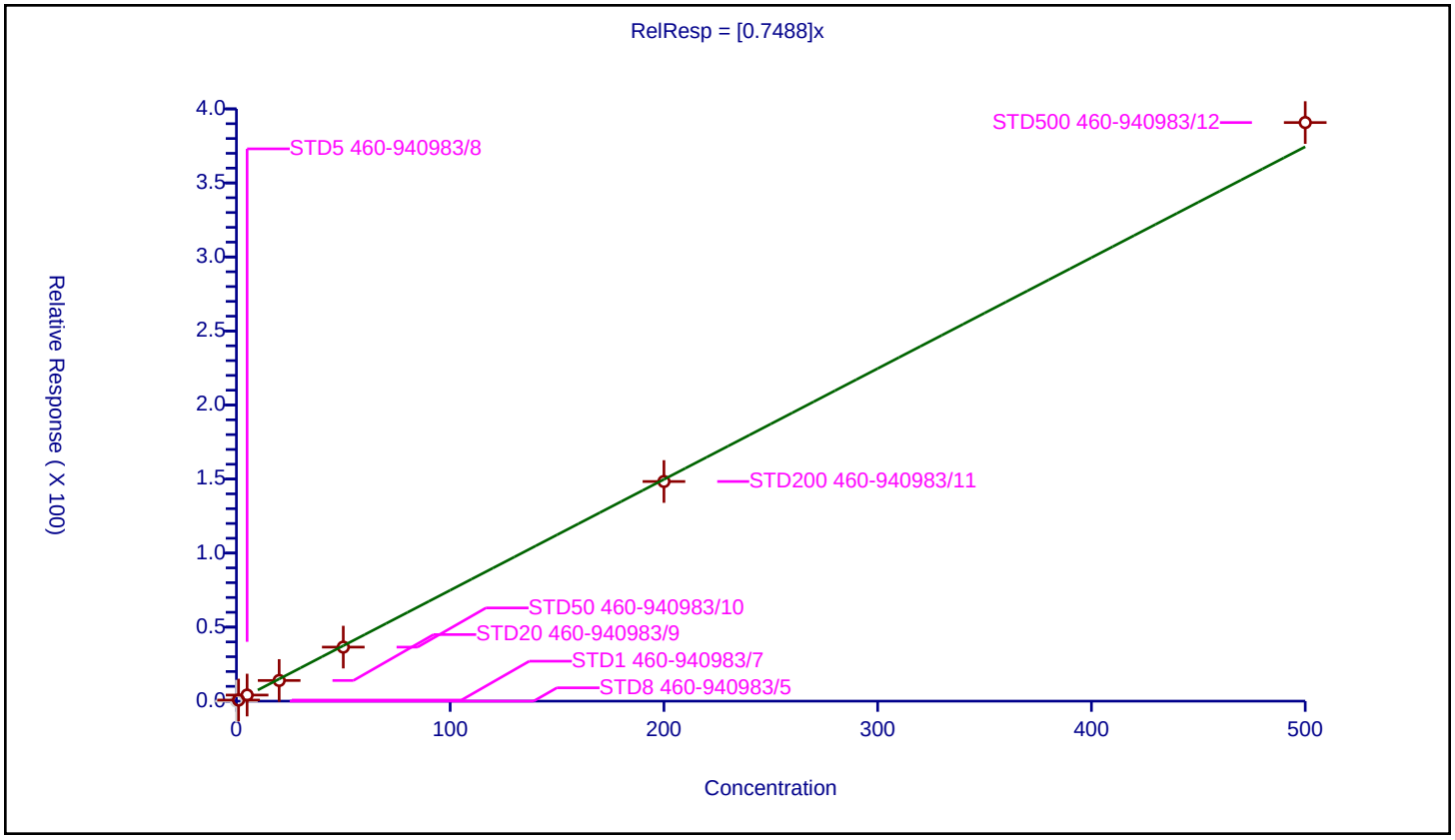
Curve Coefficients

Intercept:	0
Slope:	0.7488

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	6.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.721333	50.0	464626.0	0.721333	Y
3	STD5 460-940983/8	5.0	4.104939	50.0	475610.0	0.820988	Y
4	STD20 460-940983/9	20.0	13.951303	50.0	488492.0	0.697565	Y
5	STD50 460-940983/10	50.0	36.497325	50.0	521667.0	0.729946	Y
6	STD200 460-940983/11	200.0	148.336608	50.0	569078.0	0.741683	Y
7	STD500 460-940983/12	500.0	390.766222	50.0	648689.0	0.781532	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

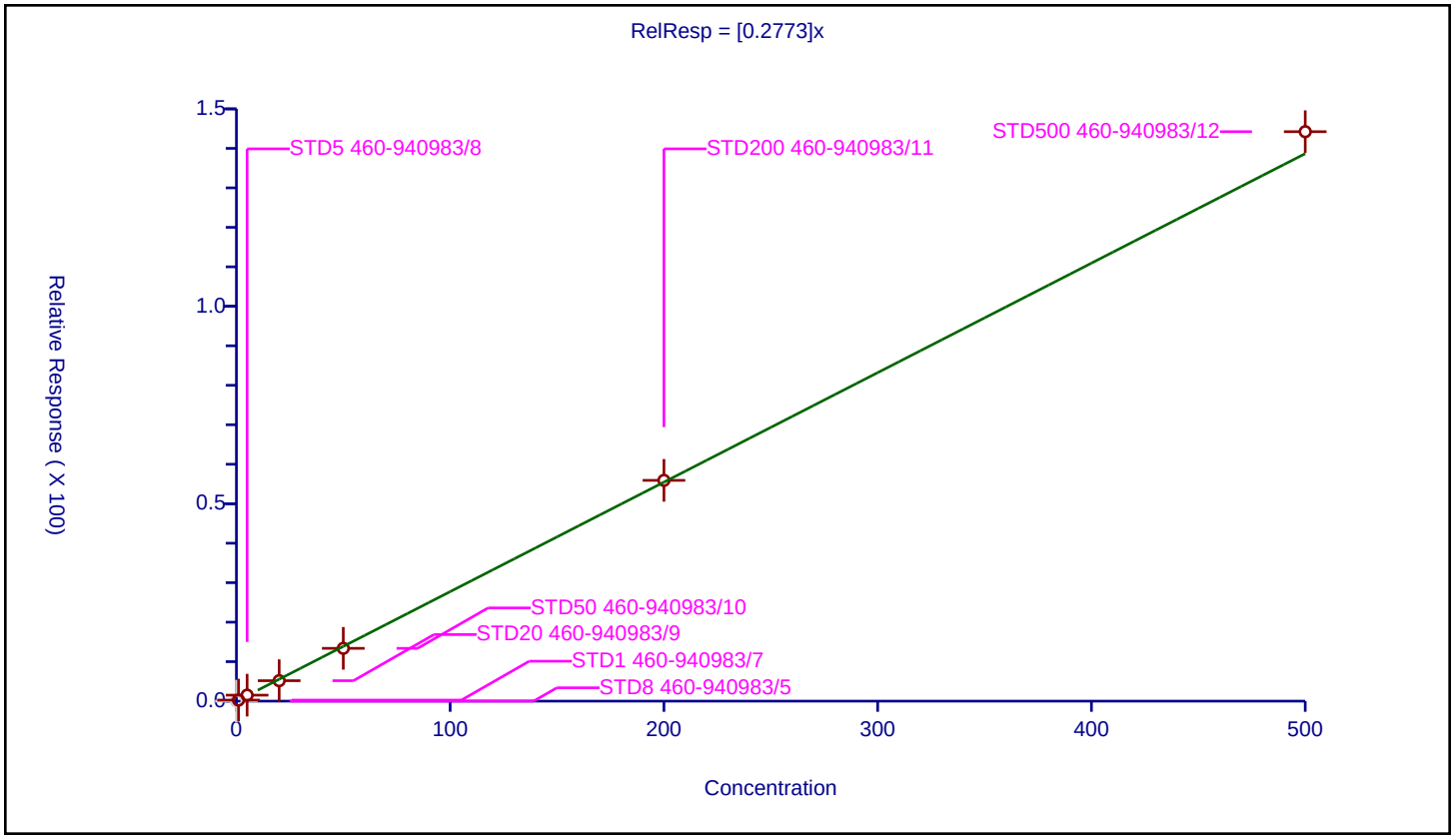
Curve Coefficients

Intercept:	0
Slope:	0.2773

Error Coefficients

Standard Error:	886000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.266666	50.0	464626.0	0.266666	Y
3	STD5 460-940983/8	5.0	1.515948	50.0	475610.0	0.30319	Y
4	STD20 460-940983/9	20.0	5.174087	50.0	488492.0	0.258704	Y
5	STD50 460-940983/10	50.0	13.369928	50.0	521667.0	0.267399	Y
6	STD200 460-940983/11	200.0	55.917379	50.0	569078.0	0.279587	Y
7	STD500 460-940983/12	500.0	144.226972	50.0	648689.0	0.288454	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

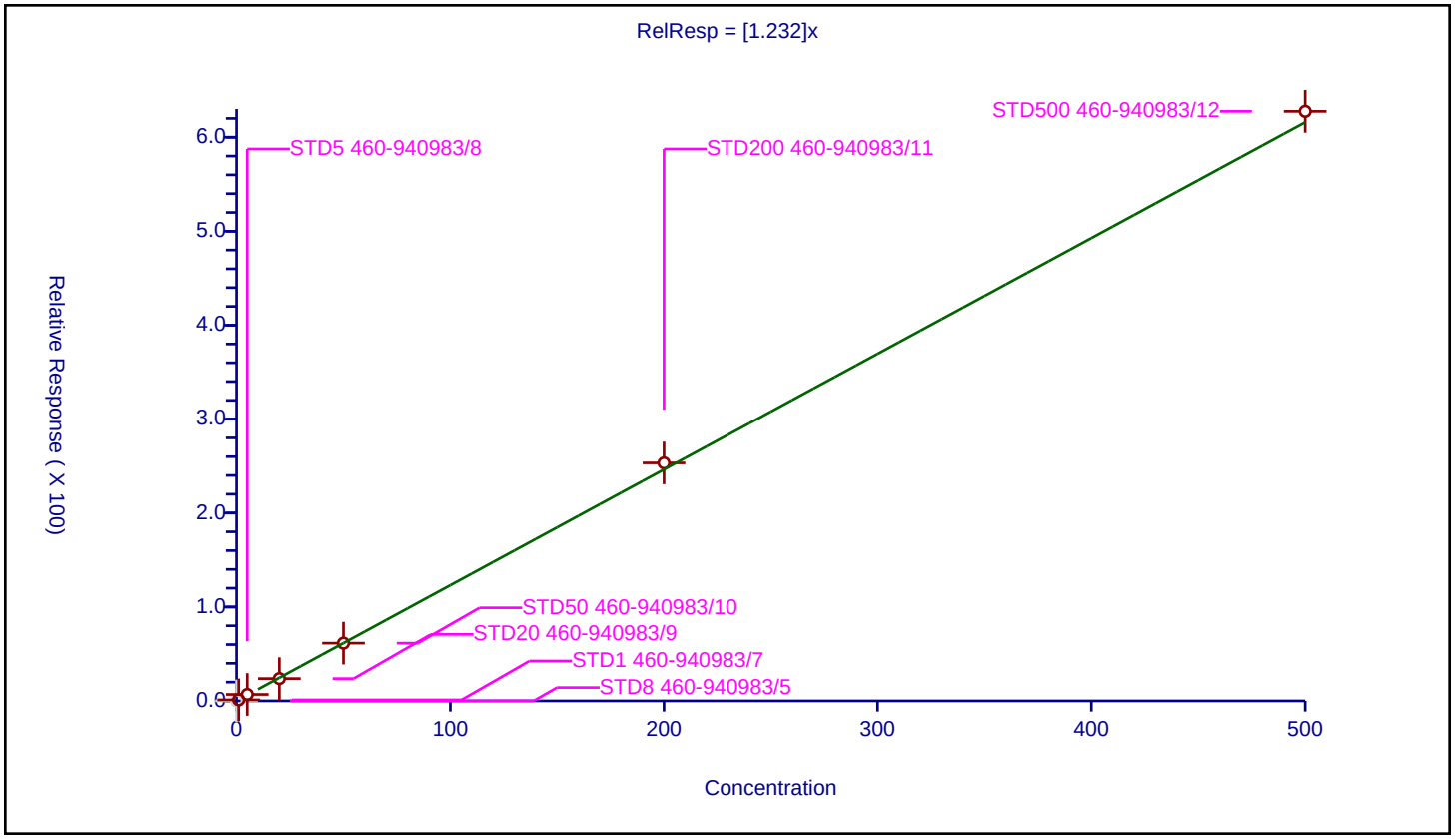
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.083883	50.0	464626.0	1.083883	Y
3	STD5 460-940983/8	5.0	6.844263	50.0	475610.0	1.368853	Y
4	STD20 460-940983/9	20.0	23.735087	50.0	488492.0	1.186754	Y
5	STD50 460-940983/10	50.0	61.485296	50.0	521667.0	1.229706	Y
6	STD200 460-940983/11	200.0	253.342336	50.0	569078.0	1.266712	Y
7	STD500 460-940983/12	500.0	627.498231	50.0	648689.0	1.254996	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

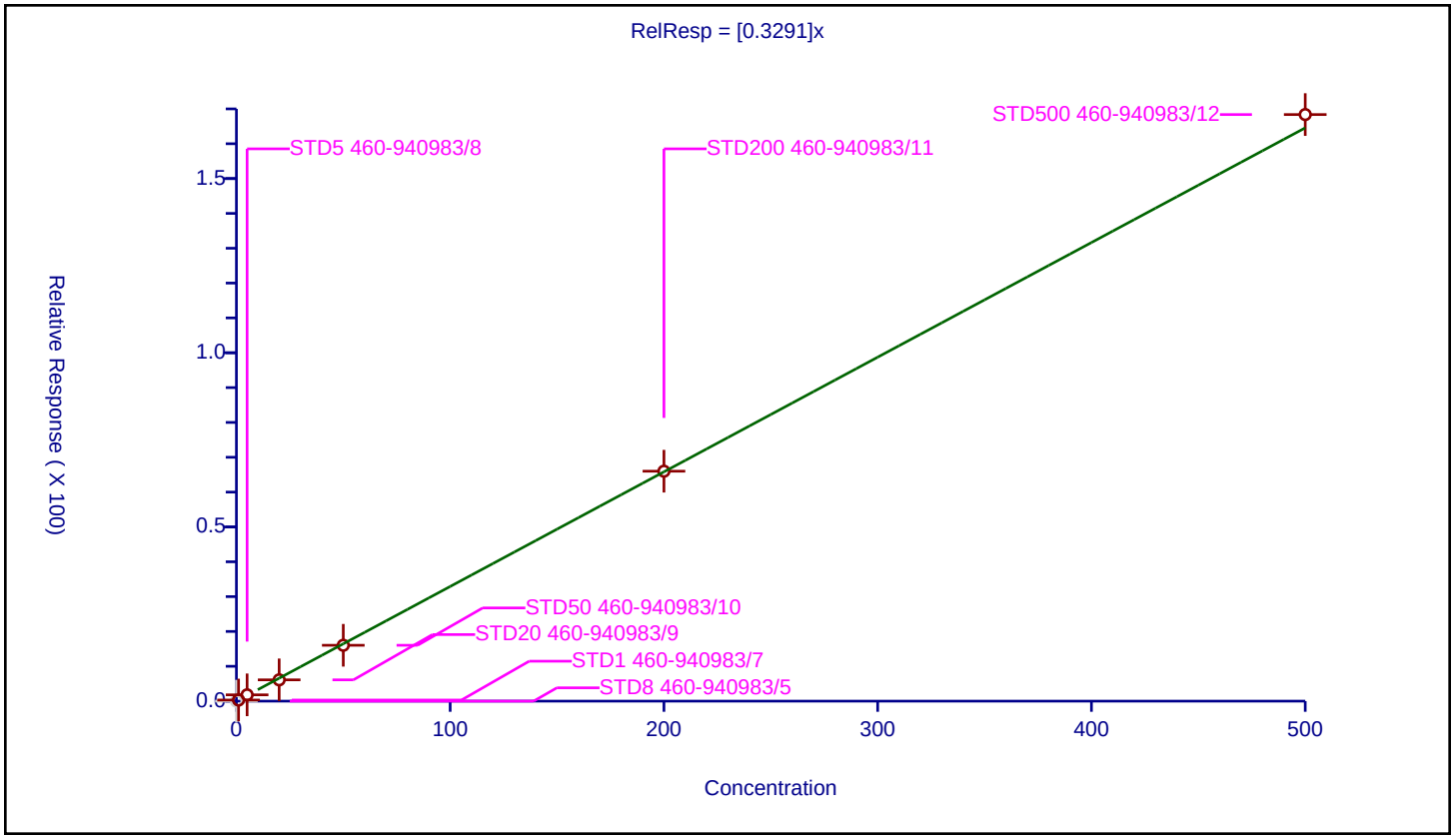
Curve Coefficients

Intercept:	0
Slope:	0.3291

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.319397	50.0	464626.0	0.319397	Y
3	STD5 460-940983/8	5.0	1.811148	50.0	475610.0	0.36223	Y
4	STD20 460-940983/9	20.0	6.109107	50.0	488492.0	0.305455	Y
5	STD50 460-940983/10	50.0	16.038488	50.0	521667.0	0.32077	Y
6	STD200 460-940983/11	200.0	66.002991	50.0	569078.0	0.330015	Y
7	STD500 460-940983/12	500.0	168.372132	50.0	648689.0	0.336744	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

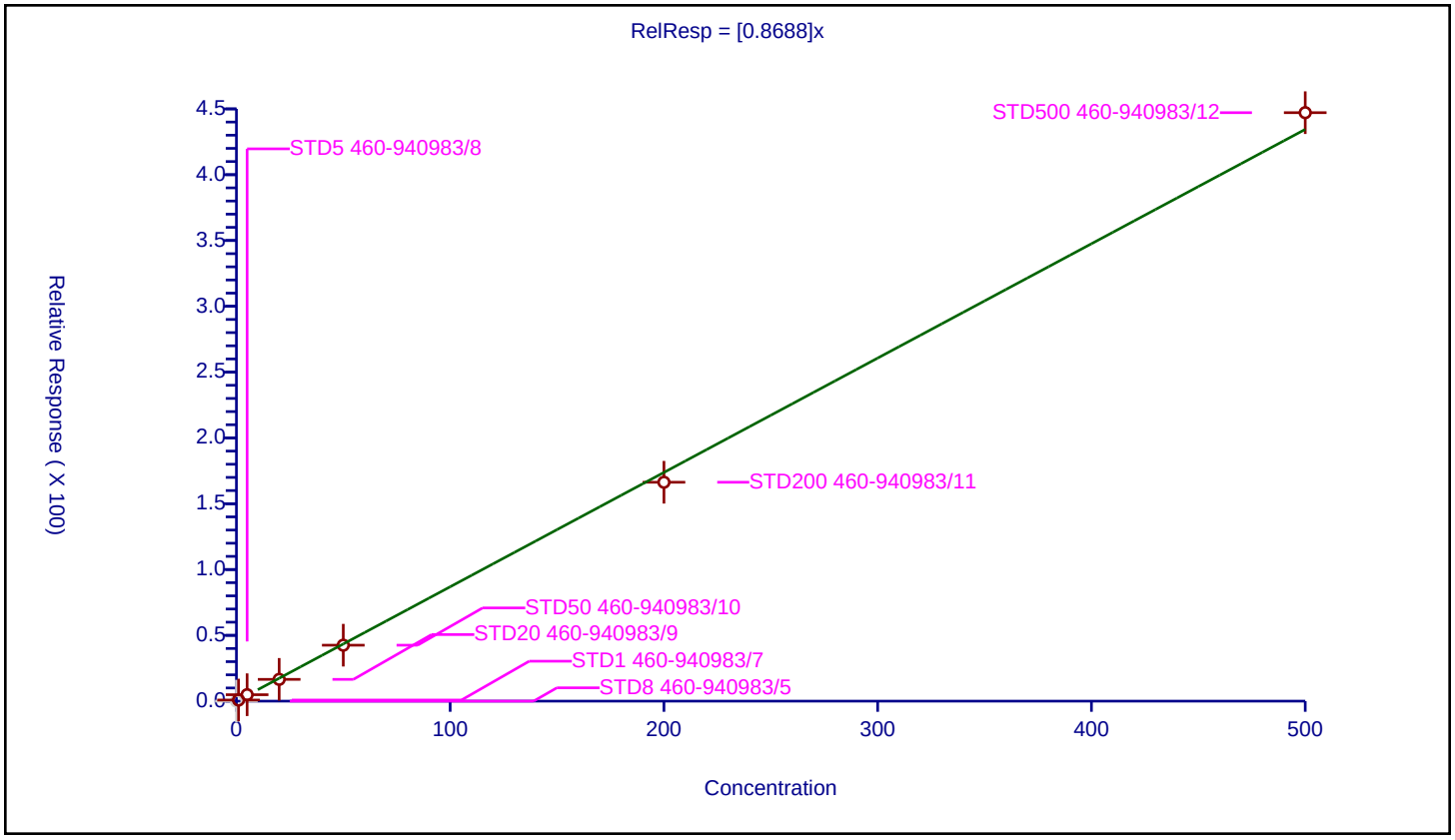
Curve Coefficients

Intercept:	0
Slope:	0.8688

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.834266	50.0	258131.0	0.834266	Y
3	STD5 460-940983/8	5.0	4.880255	50.0	259259.0	0.976051	Y
4	STD20 460-940983/9	20.0	16.536109	50.0	267442.0	0.826805	Y
5	STD50 460-940983/10	50.0	42.509331	50.0	284267.0	0.850187	Y
6	STD200 460-940983/11	200.0	166.308408	50.0	311600.0	0.831542	Y
7	STD500 460-940983/12	500.0	447.119185	50.0	331486.0	0.894238	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

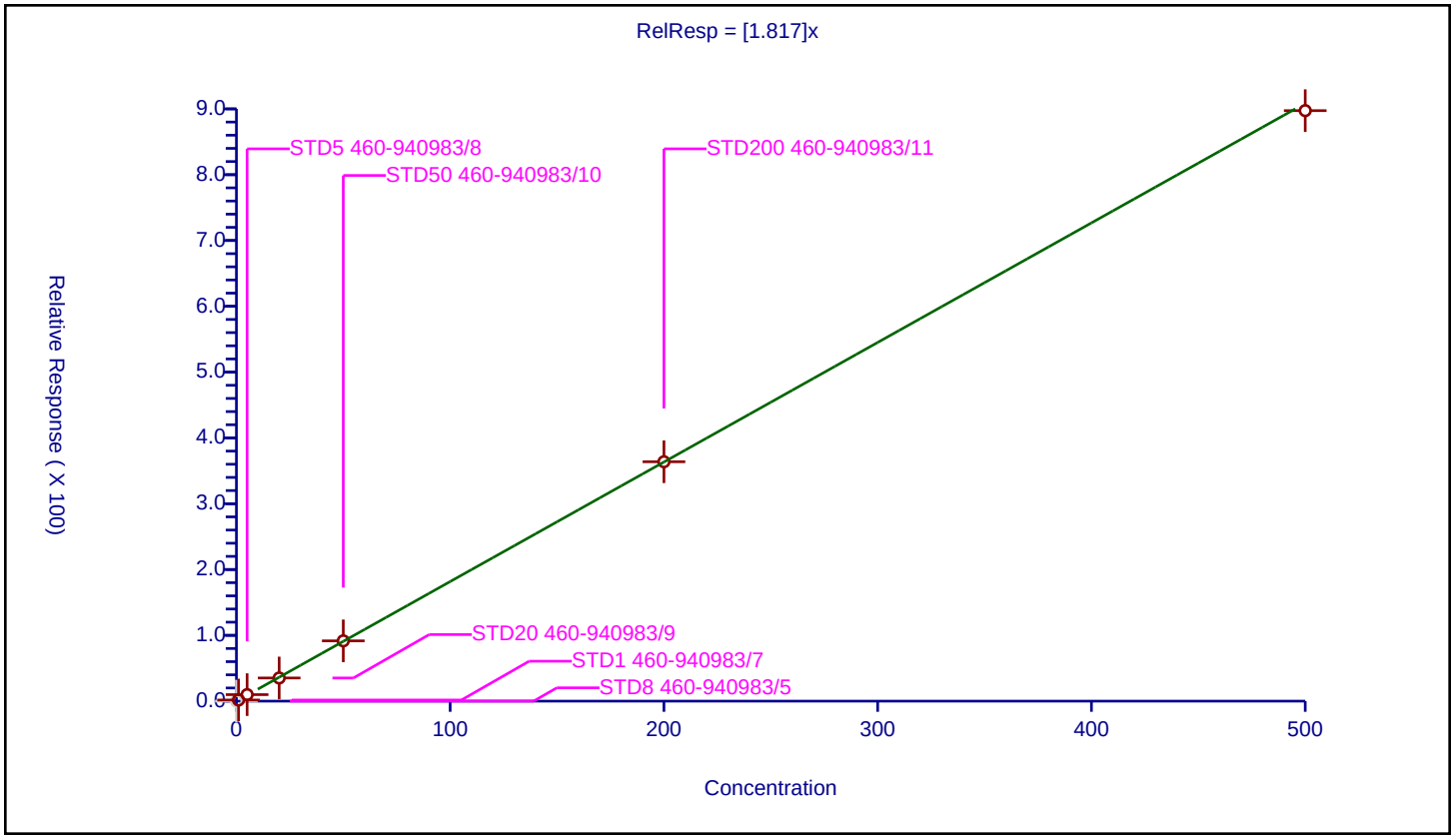
Curve Coefficients

Intercept:	0
Slope:	1.817

Error Coefficients

Standard Error:	5540000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.718909	50.0	464626.0	1.718909	Y
3	STD5 460-940983/8	5.0	9.886146	50.0	475610.0	1.977229	Y
4	STD20 460-940983/9	20.0	35.182357	50.0	488492.0	1.759118	Y
5	STD50 460-940983/10	50.0	91.625596	50.0	521667.0	1.832512	Y
6	STD200 460-940983/11	200.0	363.816032	50.0	569078.0	1.81908	Y
7	STD500 460-940983/12	500.0	897.336936	50.0	648689.0	1.794674	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

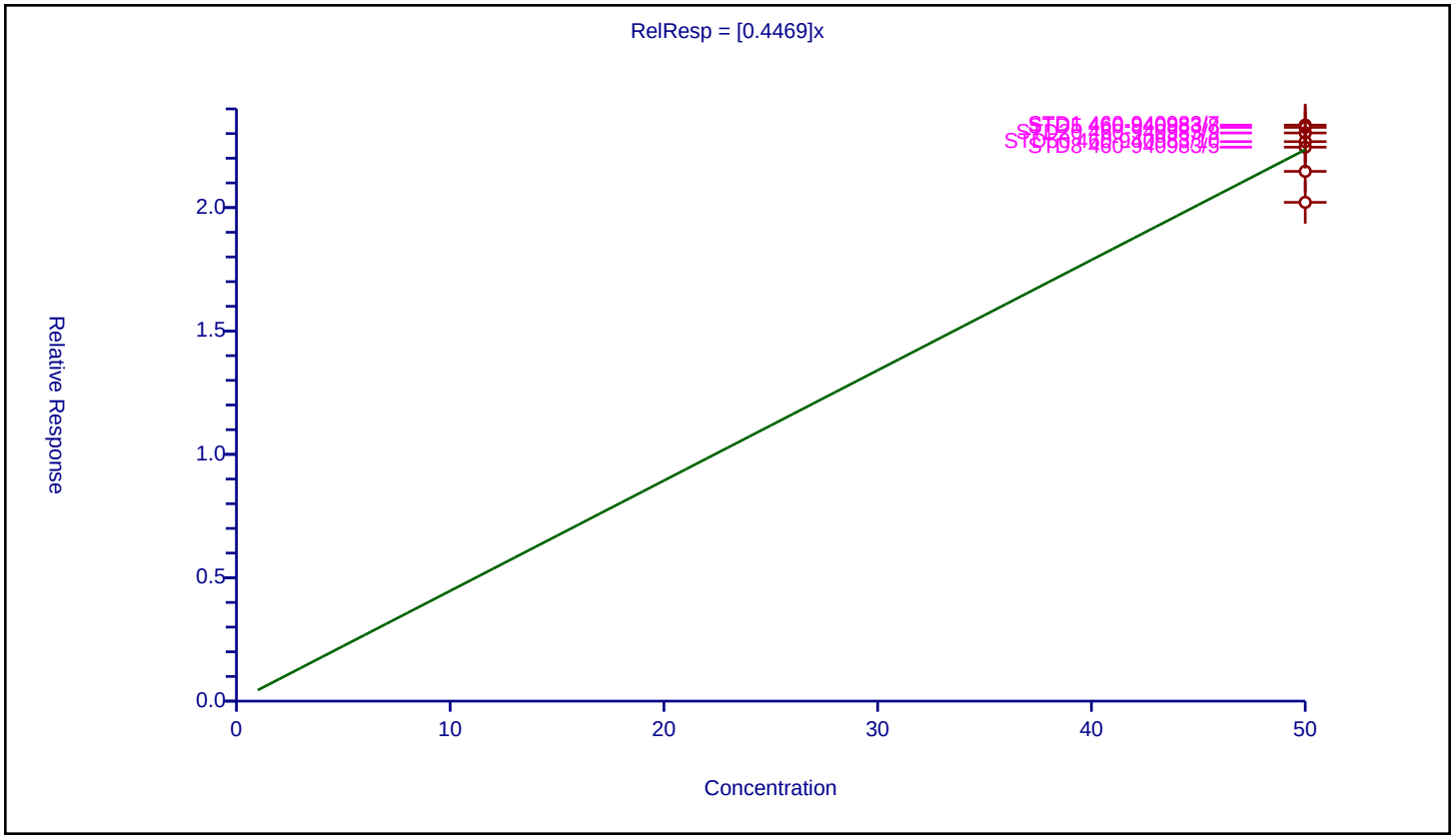
Curve Coefficients

Intercept:	0
Slope:	0.4469

Error Coefficients

Standard Error:	247000
Relative Standard Error:	5.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	22.448518	50.0	420246.0	0.44897	Y
2	STD1 460-940983/7	50.0	23.344152	50.0	464626.0	0.466883	Y
3	STD5 460-940983/8	50.0	23.250562	50.0	475610.0	0.465011	Y
4	STD20 460-940983/9	50.0	23.025249	50.0	488492.0	0.460505	Y
5	STD50 460-940983/10	50.0	22.67318	50.0	521667.0	0.453464	Y
6	STD200 460-940983/11	50.0	21.467444	50.0	569078.0	0.429349	Y
7	STD500 460-940983/12	50.0	20.212382	50.0	648689.0	0.404248	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

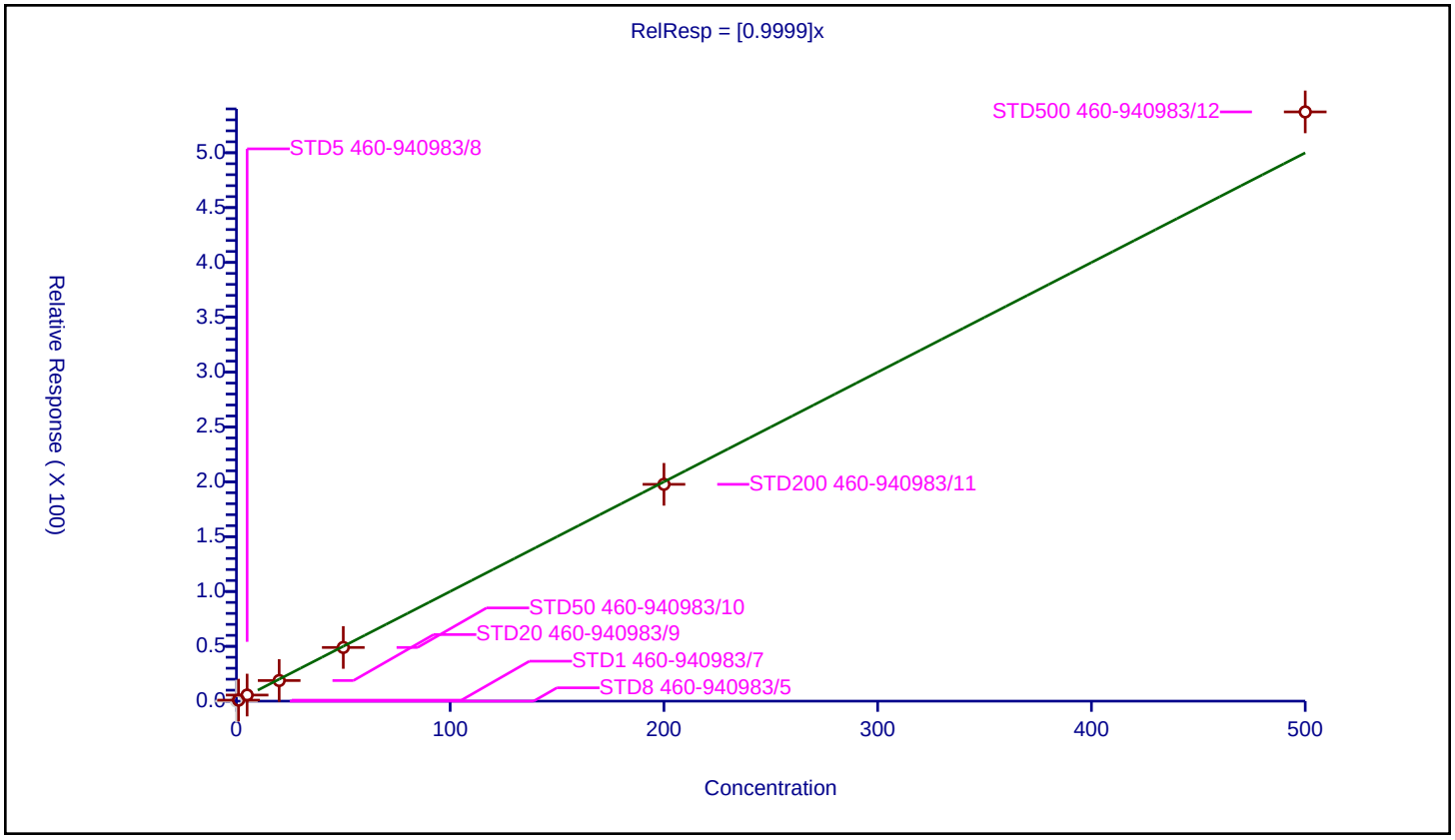
Curve Coefficients

Intercept:	0
Slope:	0.9999

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.908066	50.0	258131.0	0.908066	Y
3	STD5 460-940983/8	5.0	5.552363	50.0	259259.0	1.110473	Y
4	STD20 460-940983/9	20.0	18.773603	50.0	267442.0	0.93868	Y
5	STD50 460-940983/10	50.0	48.952042	50.0	284267.0	0.979041	Y
6	STD200 460-940983/11	200.0	197.681804	50.0	311600.0	0.988409	Y
7	STD500 460-940983/12	500.0	537.243503	50.0	331486.0	1.074487	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

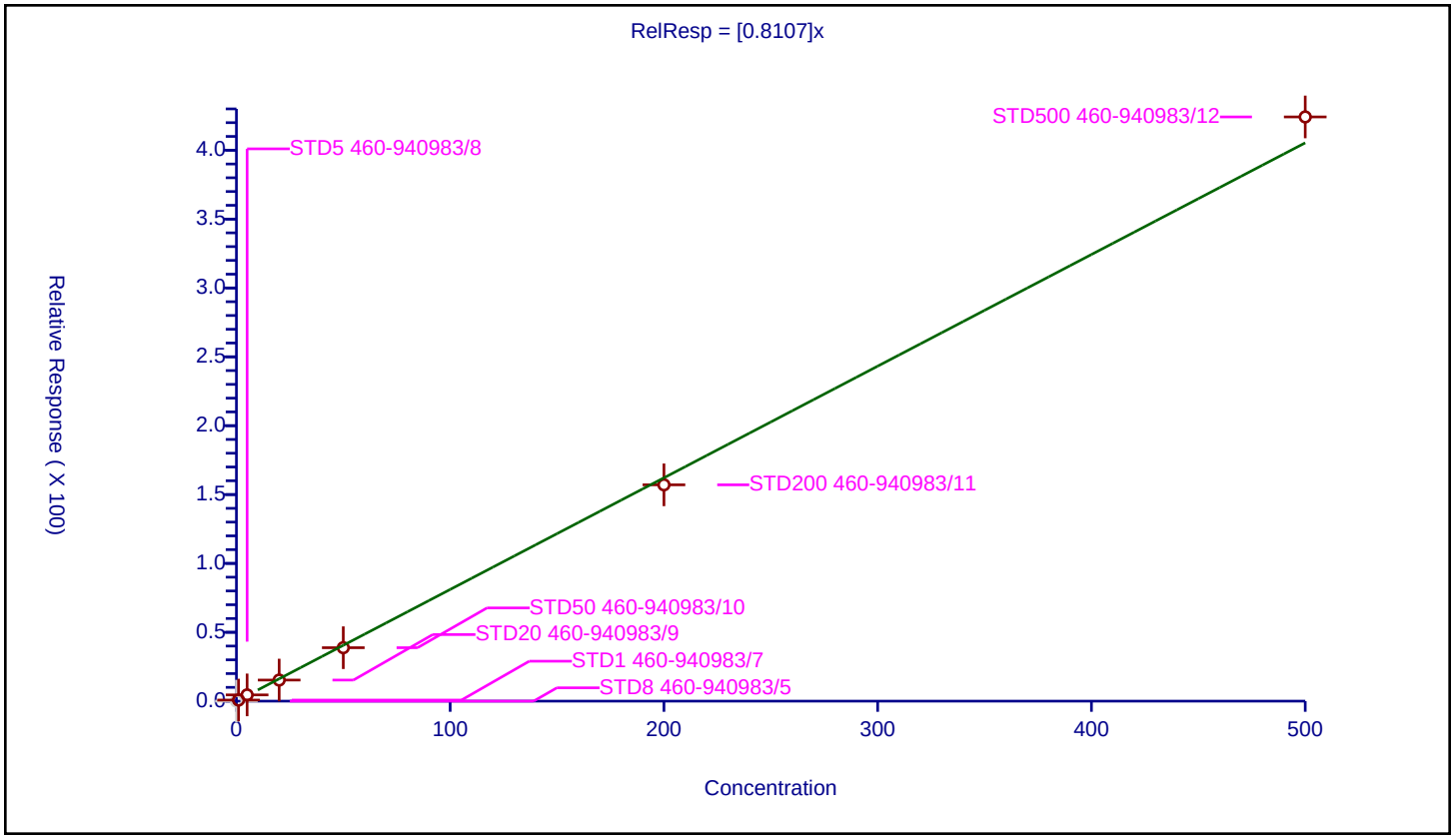
Curve Coefficients

Intercept:	0
Slope:	0.8107

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.782742	50.0	258131.0	0.782742	Y
3	STD5 460-940983/8	5.0	4.531183	50.0	259259.0	0.906237	Y
4	STD20 460-940983/9	20.0	15.313414	50.0	267442.0	0.765671	Y
5	STD50 460-940983/10	50.0	38.799966	50.0	284267.0	0.775999	Y
6	STD200 460-940983/11	200.0	157.04172	50.0	311600.0	0.785209	Y
7	STD500 460-940983/12	500.0	424.165576	50.0	331486.0	0.848331	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

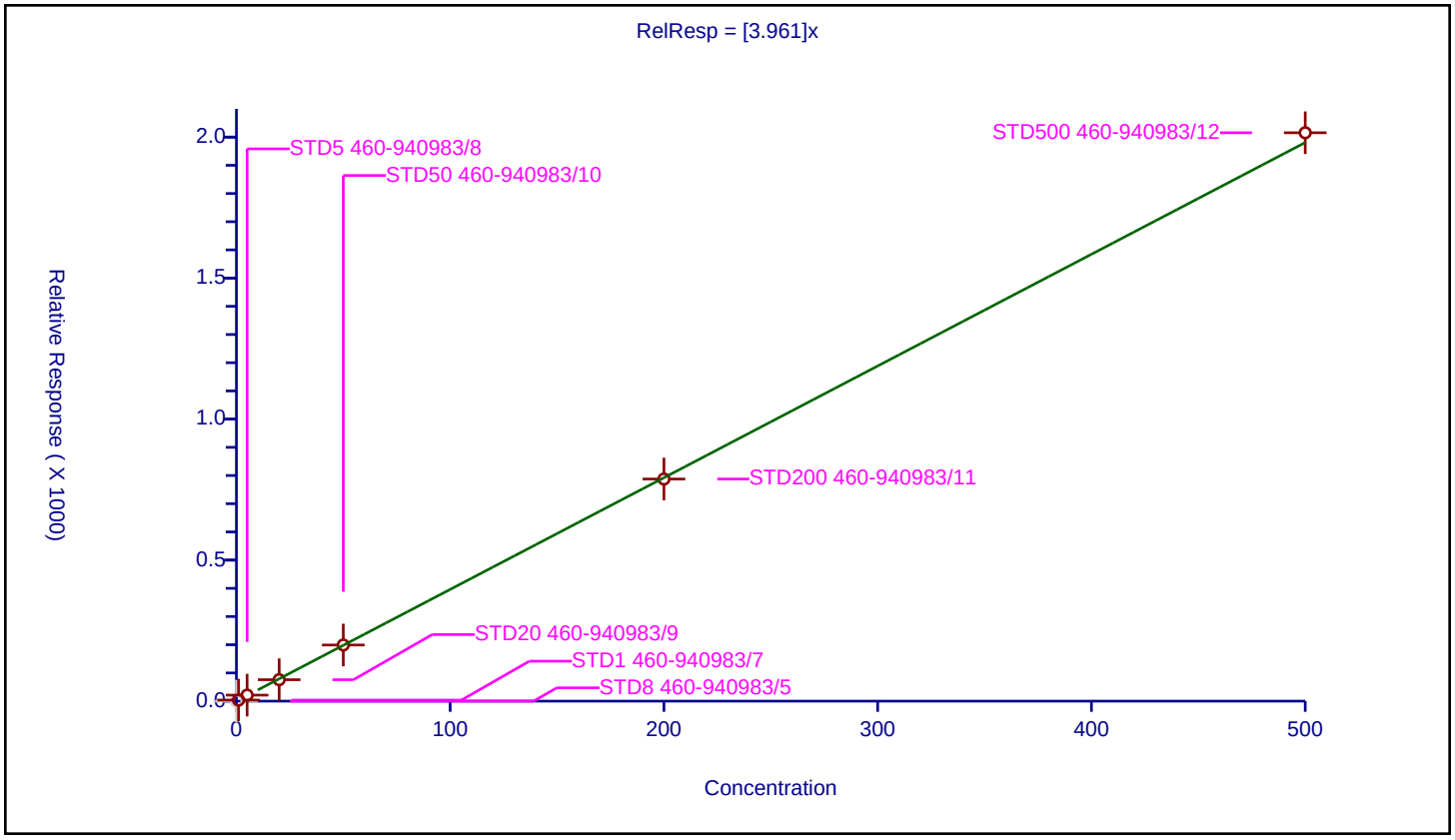
Curve Coefficients

Intercept:	0
Slope:	3.961

Error Coefficients

Standard Error:	6390000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	3.759719	50.0	258131.0	3.759719	Y
3	STD5 460-940983/8	5.0	21.29955	50.0	259259.0	4.25991	Y
4	STD20 460-940983/9	20.0	75.97853	50.0	267442.0	3.798926	Y
5	STD50 460-940983/10	50.0	199.039459	50.0	284267.0	3.980789	Y
6	STD200 460-940983/11	200.0	787.539474	50.0	311600.0	3.937697	Y
7	STD500 460-940983/12	500.0	2015.367466	50.0	331486.0	4.030735	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

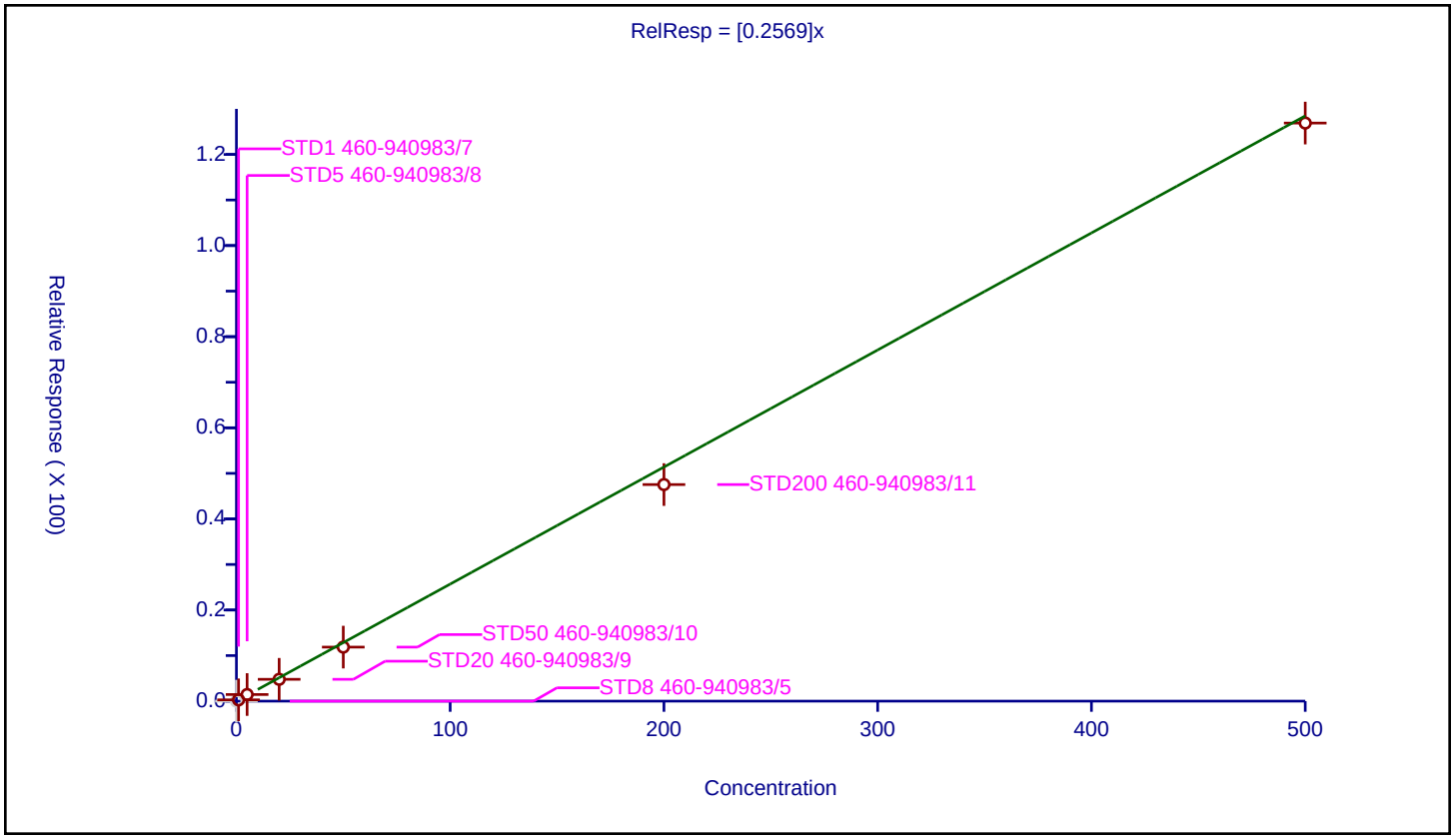
Curve Coefficients

Intercept:	0
Slope:	0.2569

Error Coefficients

Standard Error:	400000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.282608	50.0	258131.0	0.282608	Y
3	STD5 460-940983/8	5.0	1.454337	50.0	259259.0	0.290867	Y
4	STD20 460-940983/9	20.0	4.78945	50.0	267442.0	0.239472	Y
5	STD50 460-940983/10	50.0	11.857338	50.0	284267.0	0.237147	Y
6	STD200 460-940983/11	200.0	47.537548	50.0	311600.0	0.237688	Y
7	STD500 460-940983/12	500.0	126.891483	50.0	331486.0	0.253783	Y



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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

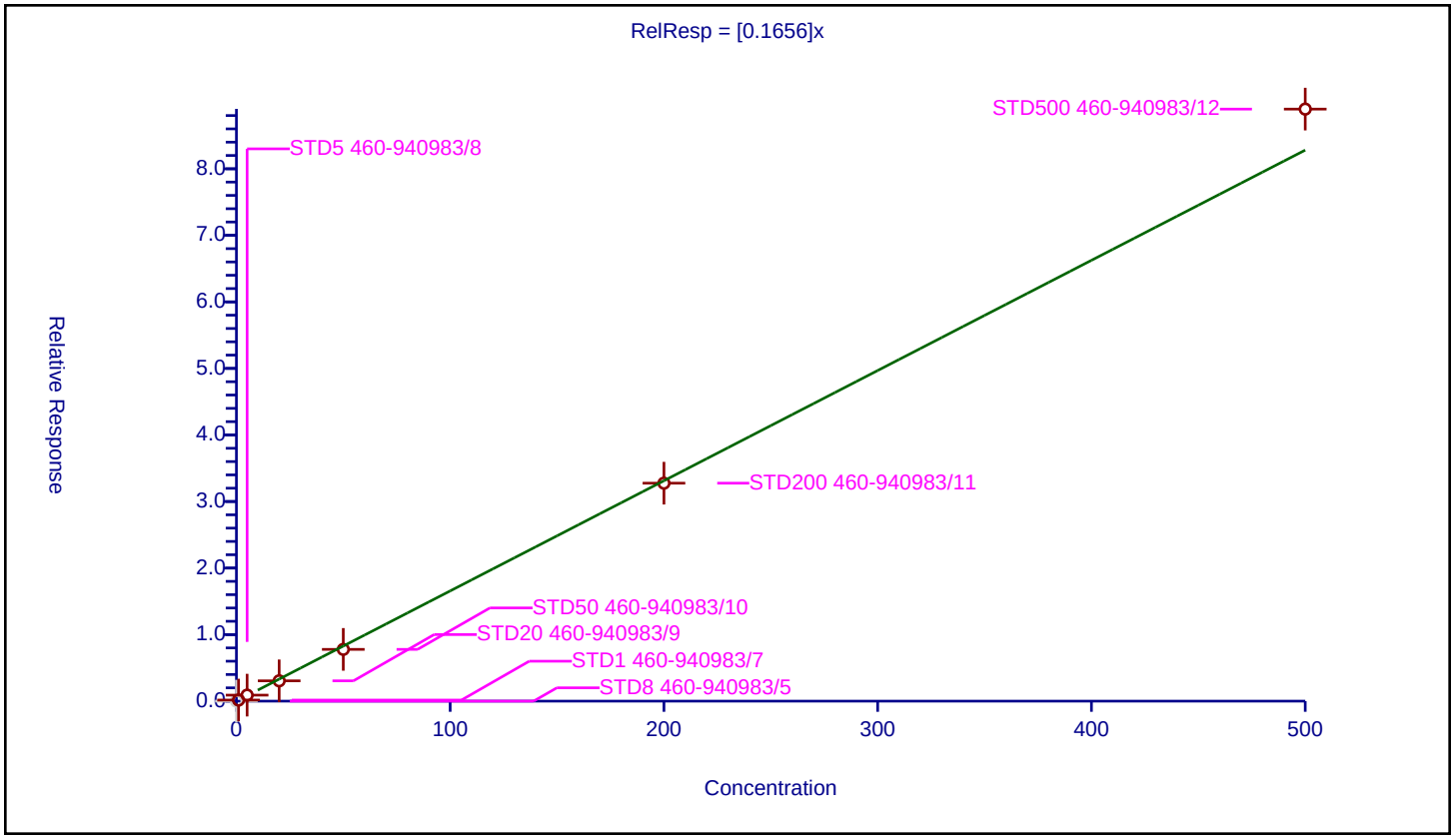
Curve Coefficients

Intercept:	0
Slope:	0.1656

Error Coefficients

Standard Error:	280000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.163289	50.0	258131.0	0.163289	Y
3	STD5 460-940983/8	5.0	0.902187	50.0	259259.0	0.180437	Y
4	STD20 460-940983/9	20.0	3.053559	50.0	267442.0	0.152678	Y
5	STD50 460-940983/10	50.0	7.777547	50.0	284267.0	0.155551	Y
6	STD200 460-940983/11	200.0	32.755456	50.0	311600.0	0.163777	Y
7	STD500 460-940983/12	500.0	88.967709	50.0	331486.0	0.177935	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

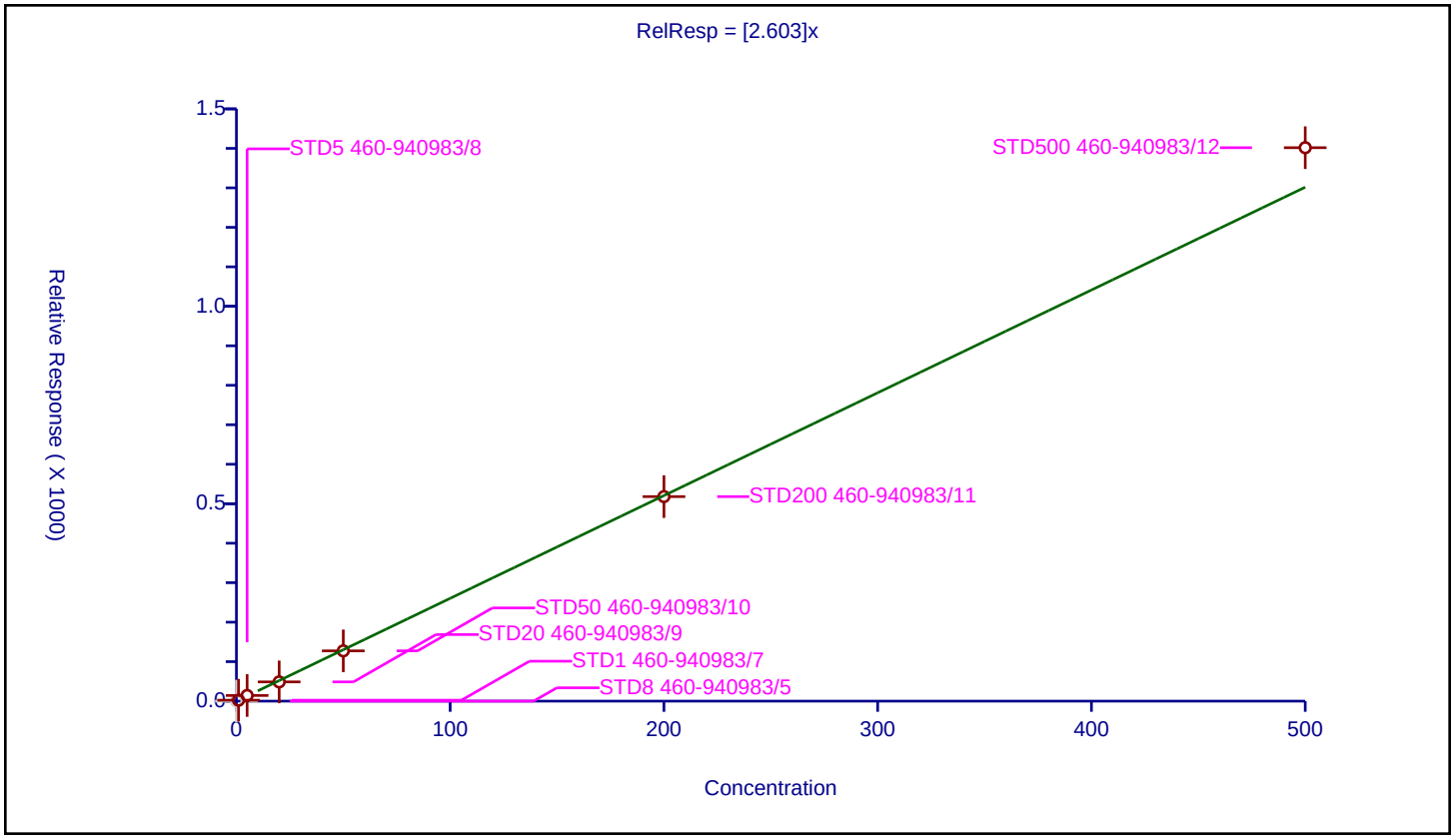
Curve Coefficients

Intercept:	0
Slope:	2.603

Error Coefficients

Standard Error:	4410000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.377669	50.0	258131.0	2.377669	Y
3	STD5 460-940983/8	5.0	14.316957	50.0	259259.0	2.863391	Y
4	STD20 460-940983/9	20.0	48.76347	50.0	267442.0	2.438174	Y
5	STD50 460-940983/10	50.0	127.35263	50.0	284267.0	2.547053	Y
6	STD200 460-940983/11	200.0	518.023267	50.0	311600.0	2.590116	Y
7	STD500 460-940983/12	500.0	1401.717116	50.0	331486.0	2.803434	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

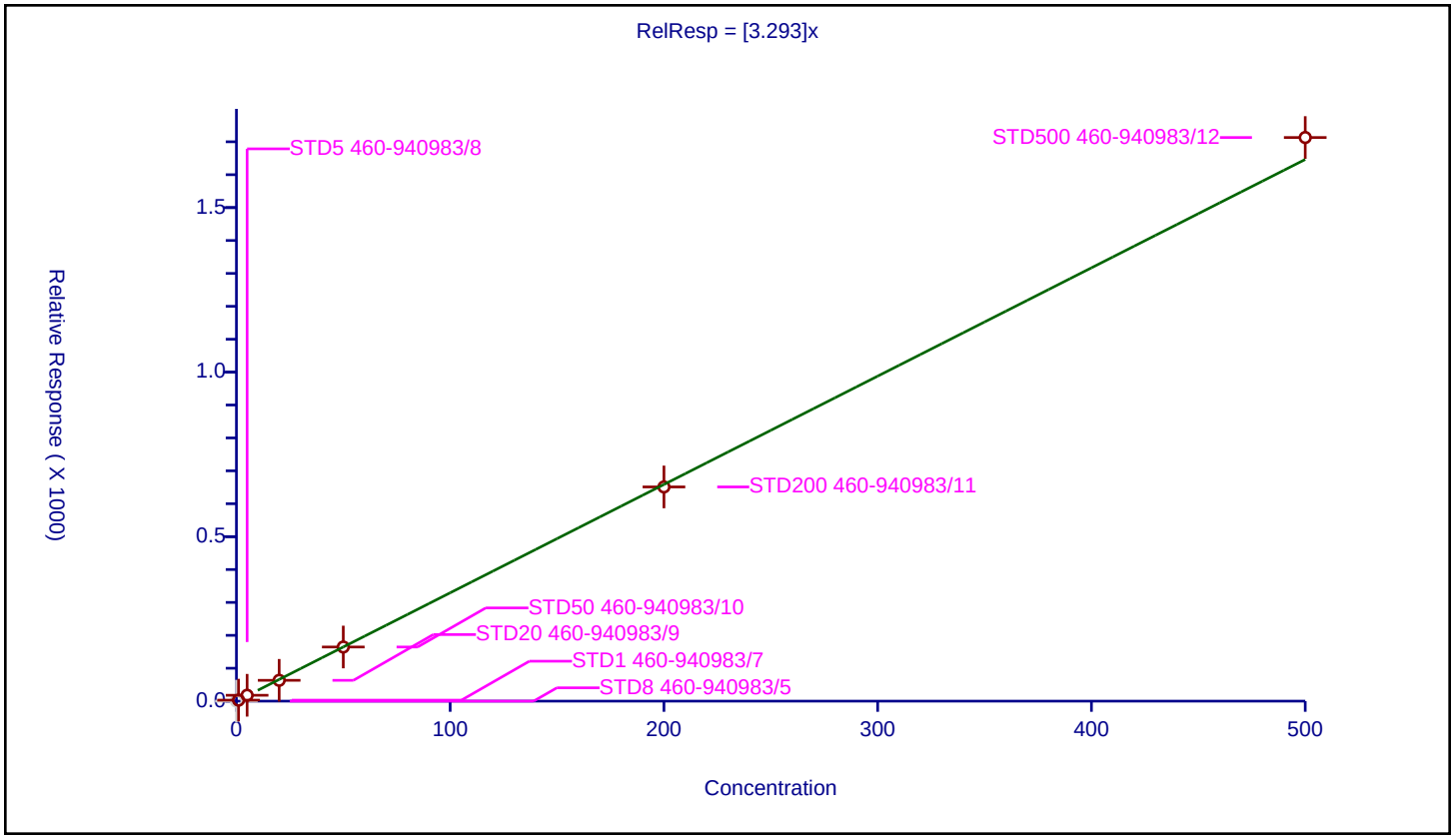
Curve Coefficients

Intercept:	0
Slope:	3.293

Error Coefficients

Standard Error:	5410000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	3.056781	50.0	258131.0	3.056781	Y
3	STD5 460-940983/8	5.0	17.814039	50.0	259259.0	3.562808	Y
4	STD20 460-940983/9	20.0	63.289424	50.0	267442.0	3.164471	Y
5	STD50 460-940983/10	50.0	164.521031	50.0	284267.0	3.290421	Y
6	STD200 460-940983/11	200.0	650.983793	50.0	311600.0	3.254919	Y
7	STD500 460-940983/12	500.0	1712.952885	50.0	331486.0	3.425906	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

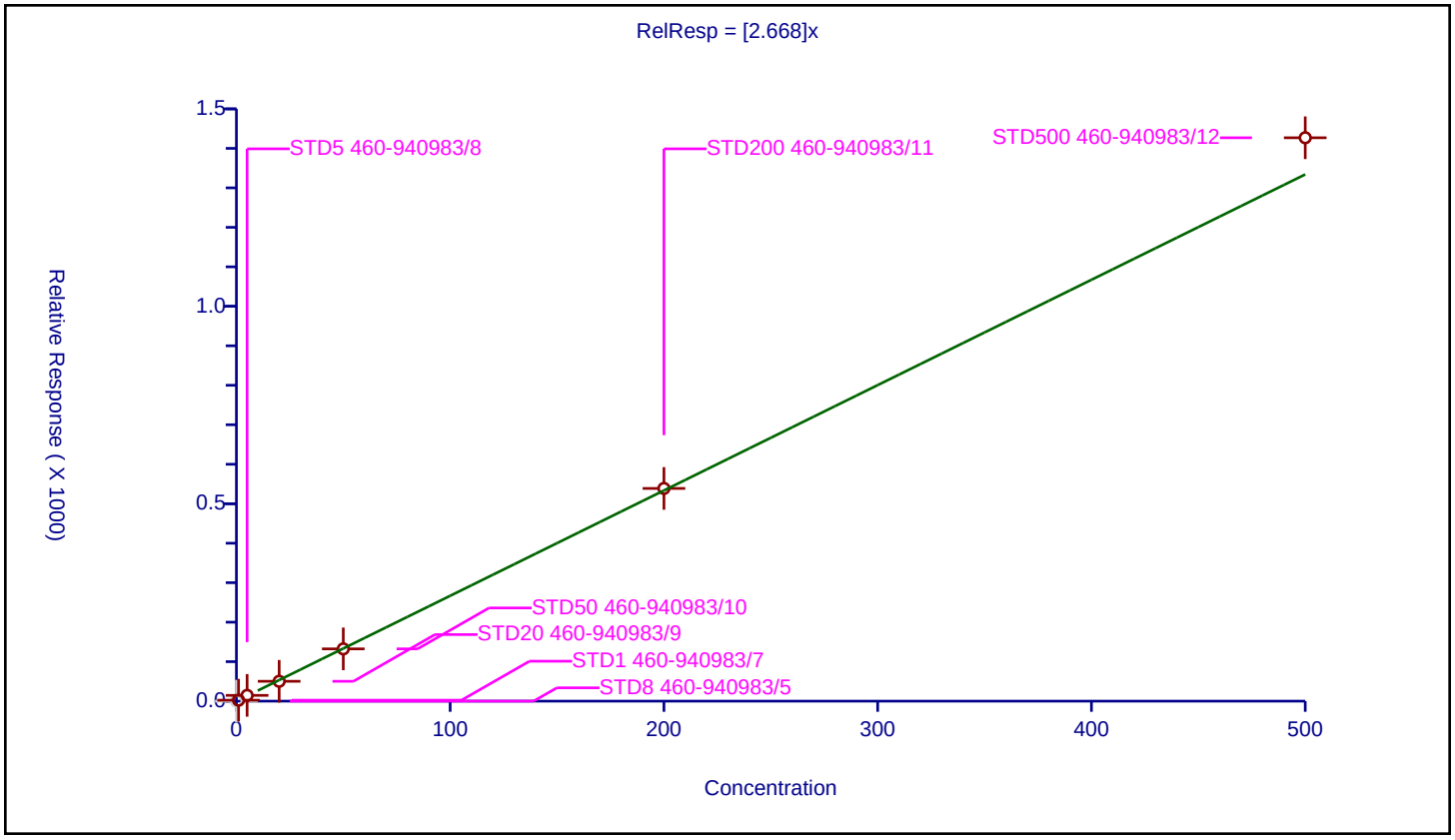
Curve Coefficients

Intercept:	0
Slope:	2.668

Error Coefficients

Standard Error:	4500000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.372826	50.0	258131.0	2.372826	Y
3	STD5 460-940983/8	5.0	14.625915	50.0	259259.0	2.925183	Y
4	STD20 460-940983/9	20.0	50.299691	50.0	267442.0	2.514985	Y
5	STD50 460-940983/10	50.0	132.364467	50.0	284267.0	2.647289	Y
6	STD200 460-940983/11	200.0	538.713094	50.0	311600.0	2.693565	Y
7	STD500 460-940983/12	500.0	1426.866746	50.0	331486.0	2.853733	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

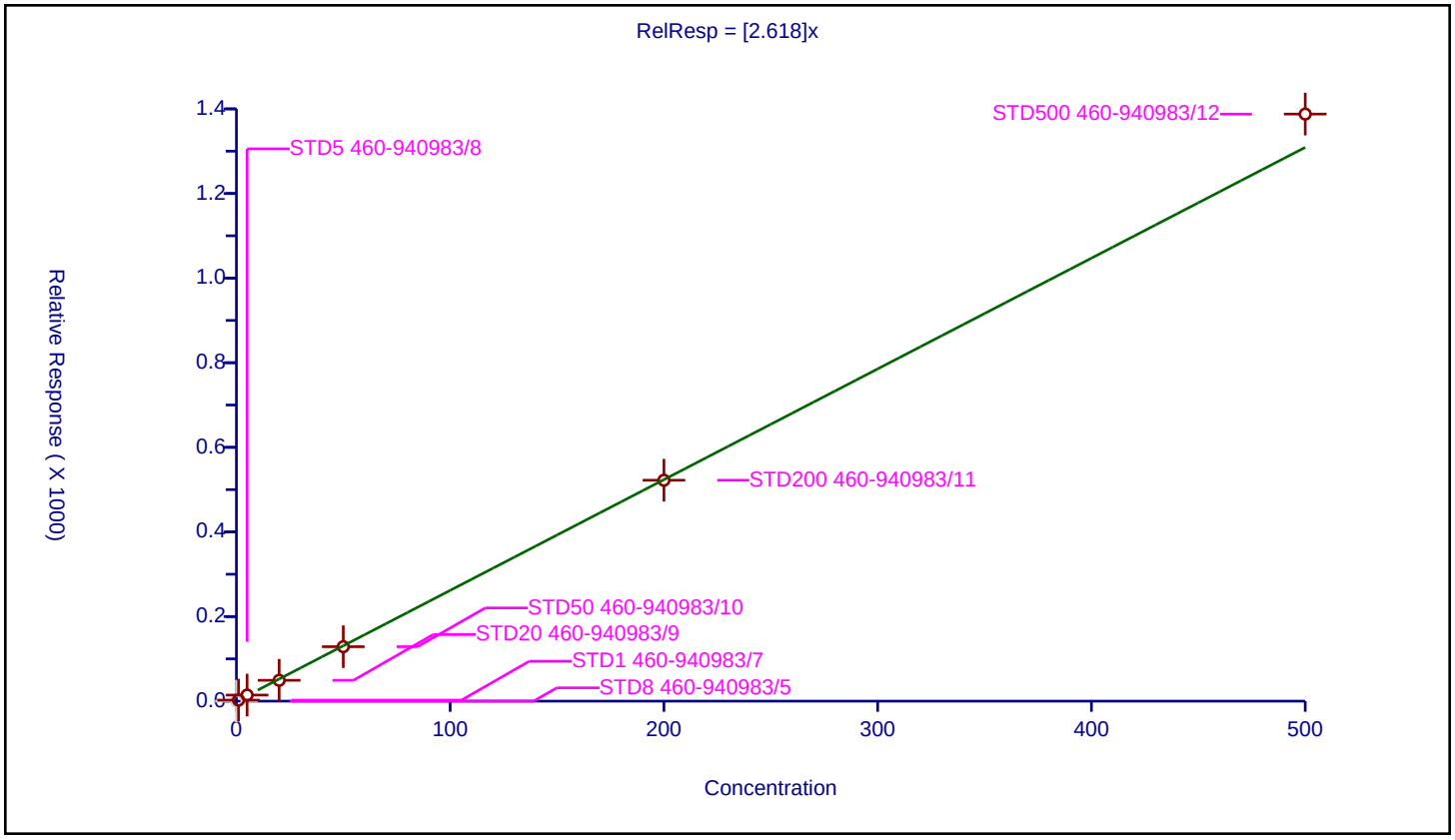
Curve Coefficients

Intercept:	0
Slope:	2.618

Error Coefficients

Standard Error:	4380000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.404593	50.0	258131.0	2.404593	Y
3	STD5 460-940983/8	5.0	14.392364	50.0	259259.0	2.878473	Y
4	STD20 460-940983/9	20.0	49.291248	50.0	267442.0	2.464562	Y
5	STD50 460-940983/10	50.0	128.690632	50.0	284267.0	2.573813	Y
6	STD200 460-940983/11	200.0	522.19785	50.0	311600.0	2.610989	Y
7	STD500 460-940983/12	500.0	1387.704911	50.0	331486.0	2.77541	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

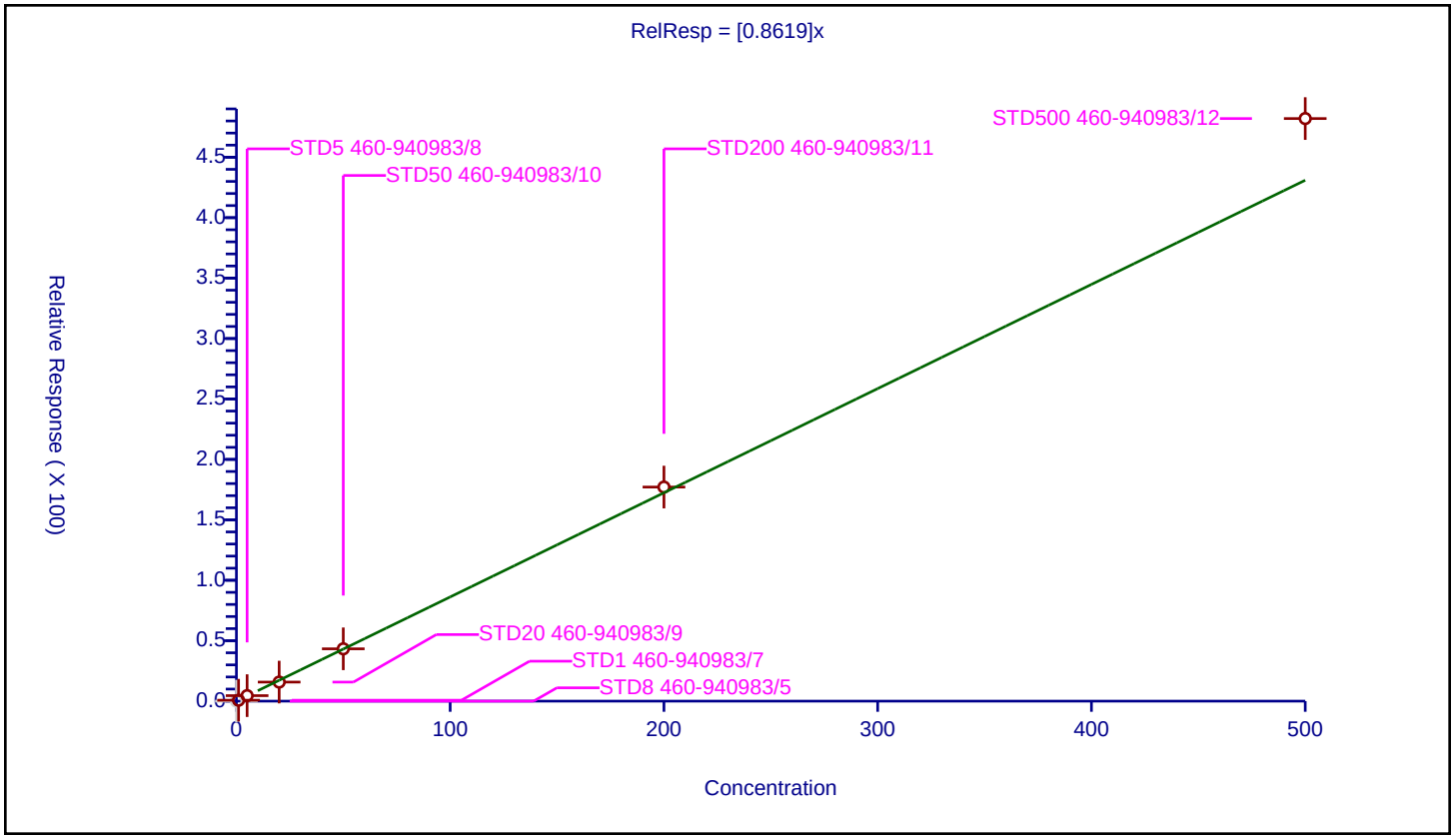
Curve Coefficients

Intercept:	0
Slope:	0.8619

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.759111	50.0	258131.0	0.759111	Y
3	STD5 460-940983/8	5.0	4.54179	50.0	259259.0	0.908358	Y
4	STD20 460-940983/9	20.0	15.776692	50.0	267442.0	0.788835	Y
5	STD50 460-940983/10	50.0	43.291166	50.0	284267.0	0.865823	Y
6	STD200 460-940983/11	200.0	177.1043	50.0	311600.0	0.885522	Y
7	STD500 460-940983/12	500.0	481.990944	50.0	331486.0	0.963982	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

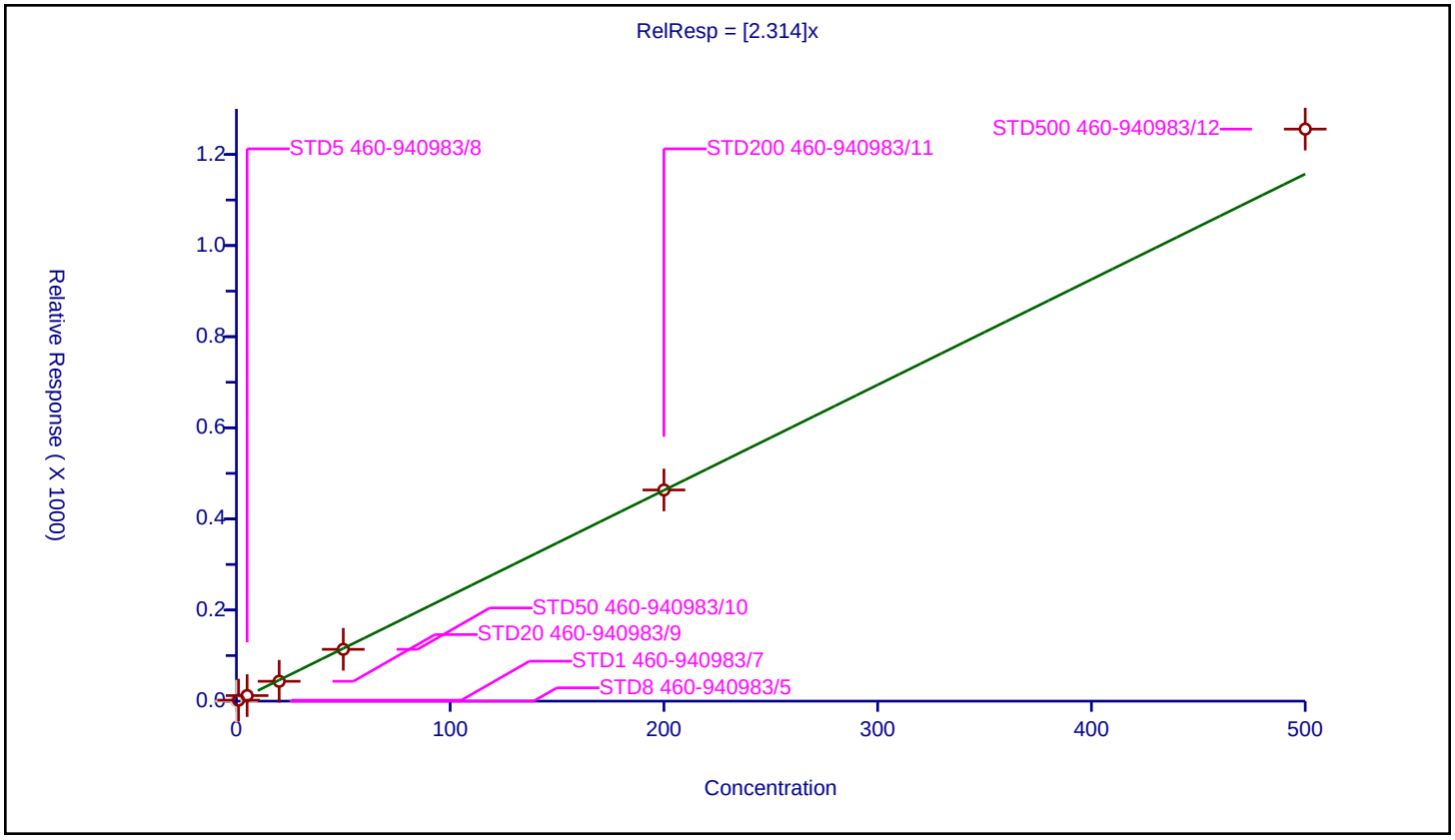
Curve Coefficients

Intercept:	0
Slope:	2.314

Error Coefficients

Standard Error:	3950000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.16208	50.0	258131.0	2.16208	Y
3	STD5 460-940983/8	5.0	12.199384	50.0	259259.0	2.439877	Y
4	STD20 460-940983/9	20.0	43.590199	50.0	267442.0	2.17951	Y
5	STD50 460-940983/10	50.0	113.728642	50.0	284267.0	2.274573	Y
6	STD200 460-940983/11	200.0	463.504172	50.0	311600.0	2.317521	Y
7	STD500 460-940983/12	500.0	1255.639454	50.0	331486.0	2.511279	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

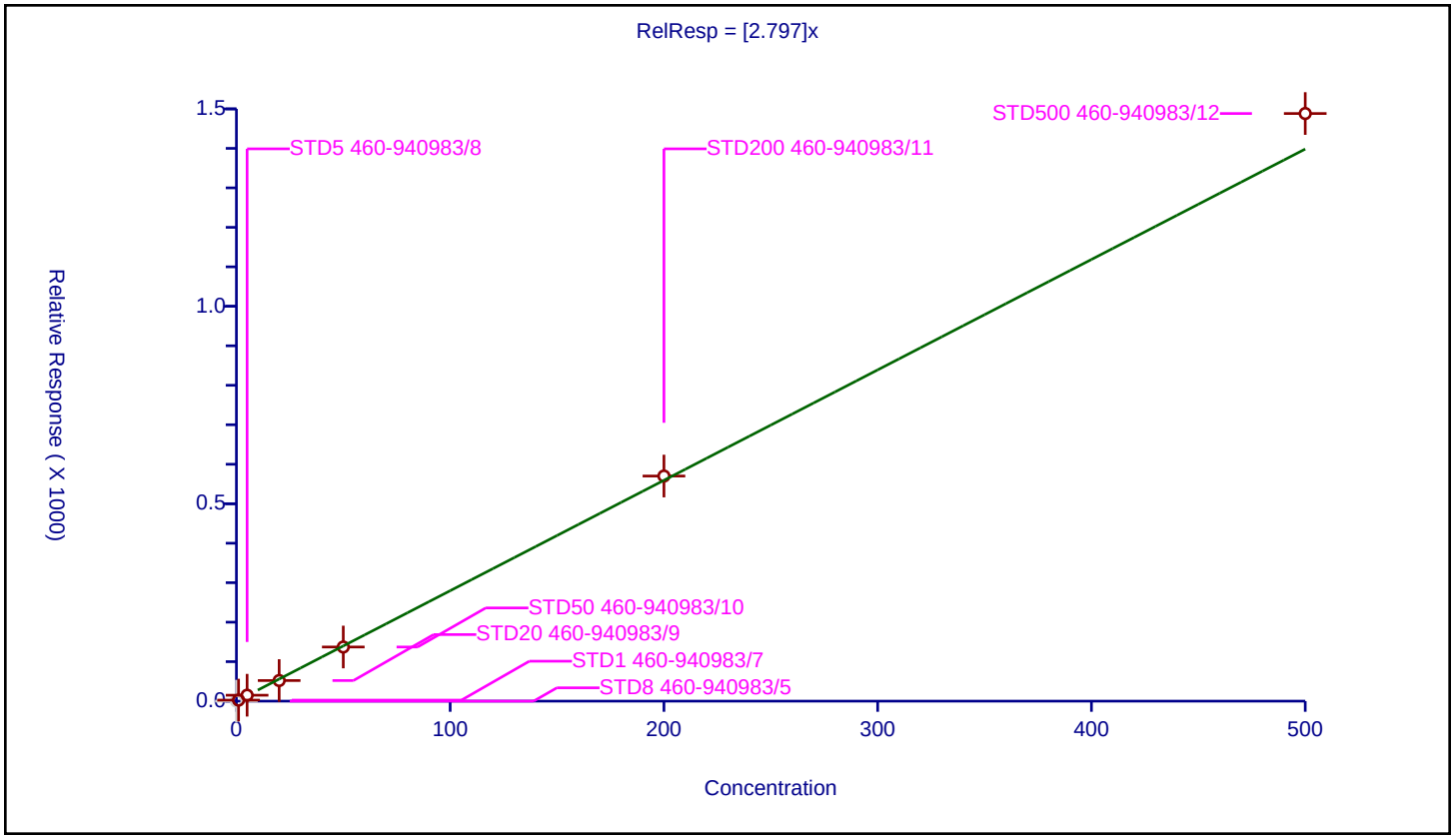
Curve Coefficients

Intercept:	0
Slope:	2.797

Error Coefficients

Standard Error:	4700000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.601586	50.0	258131.0	2.601586	Y
3	STD5 460-940983/8	5.0	14.994465	50.0	259259.0	2.998893	Y
4	STD20 460-940983/9	20.0	52.181408	50.0	267442.0	2.60907	Y
5	STD50 460-940983/10	50.0	137.128298	50.0	284267.0	2.742566	Y
6	STD200 460-940983/11	200.0	570.138318	50.0	311600.0	2.850692	Y
7	STD500 460-940983/12	500.0	1488.241434	50.0	331486.0	2.976483	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

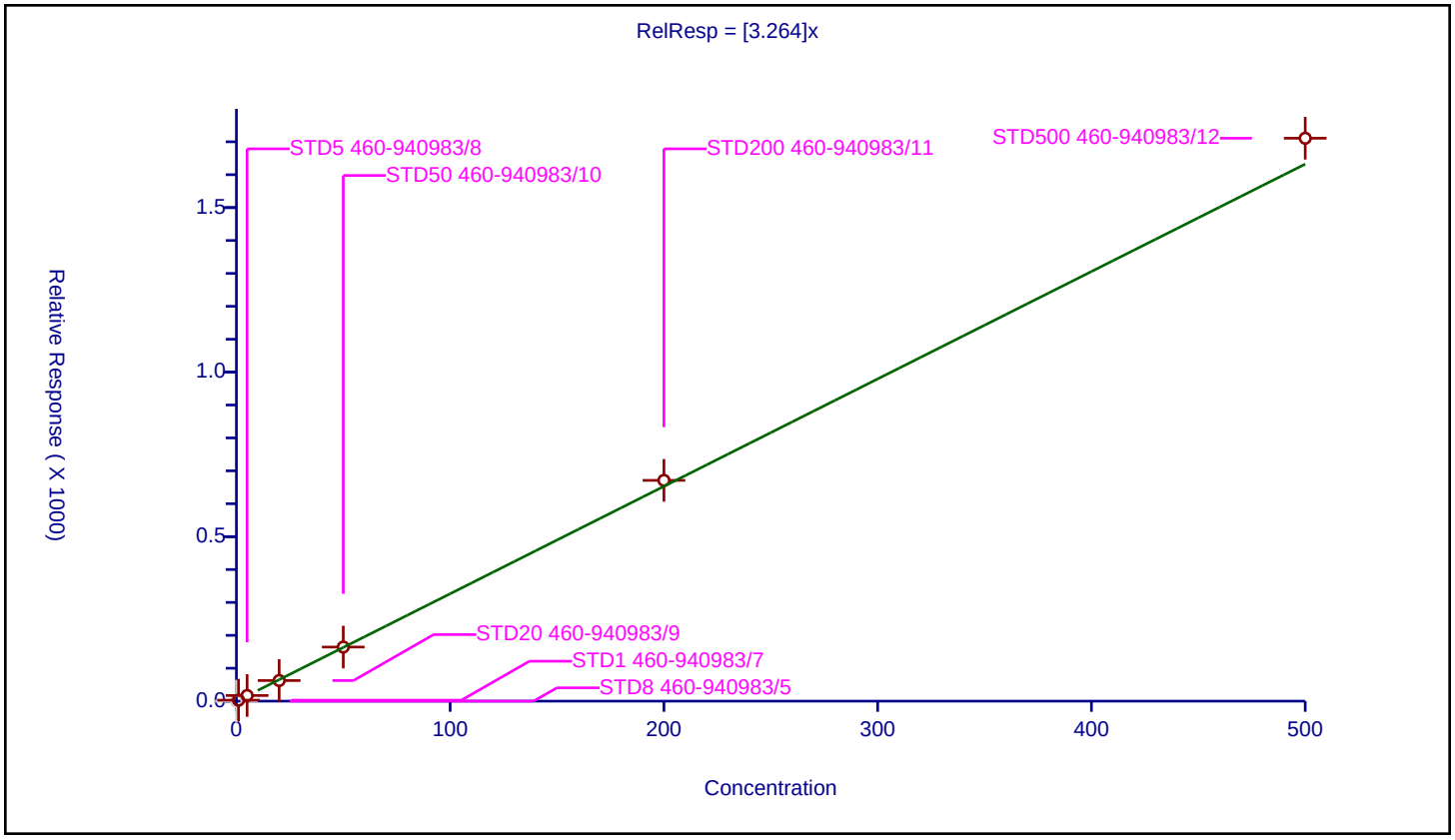
Curve Coefficients

Intercept:	0
Slope:	3.264

Error Coefficients

Standard Error:	5420000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.972715	50.0	258131.0	2.972715	Y
3	STD5 460-940983/8	5.0	17.097381	50.0	259259.0	3.419476	Y
4	STD20 460-940983/9	20.0	62.600115	50.0	267442.0	3.130006	Y
5	STD50 460-940983/10	50.0	164.389817	50.0	284267.0	3.287796	Y
6	STD200 460-940983/11	200.0	670.978177	50.0	311600.0	3.354891	Y
7	STD500 460-940983/12	500.0	1710.758825	50.0	331486.0	3.421518	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

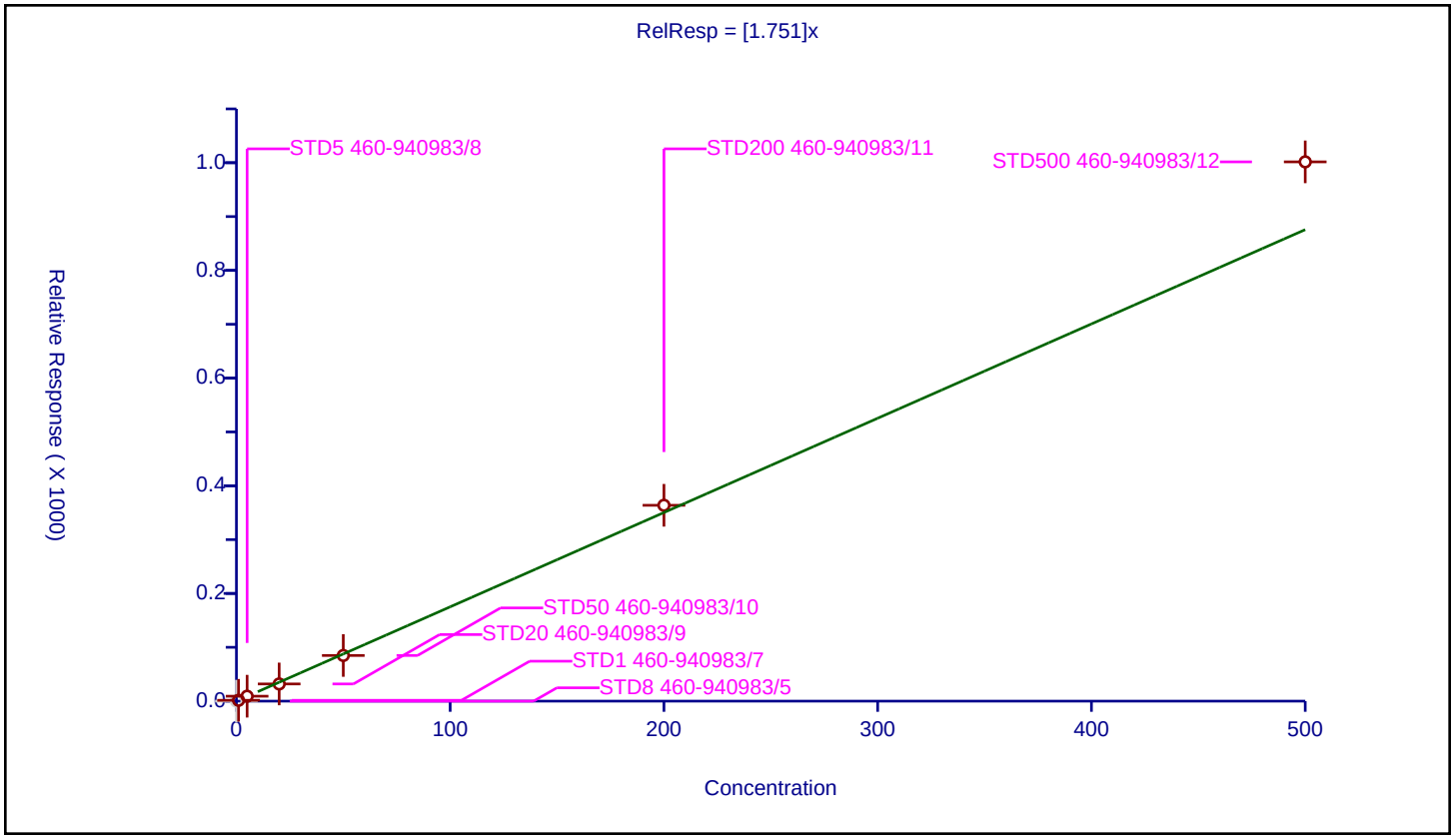
Curve Coefficients

Intercept:	0
Slope:	1.751

Error Coefficients

Standard Error:	3150000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.560642	50.0	258131.0	1.560642	Y
3	STD5 460-940983/8	5.0	9.166509	50.0	259259.0	1.833302	Y
4	STD20 460-940983/9	20.0	31.936457	50.0	267442.0	1.596823	Y
5	STD50 460-940983/10	50.0	84.795105	50.0	284267.0	1.695902	Y
6	STD200 460-940983/11	200.0	363.76027	50.0	311600.0	1.818801	Y
7	STD500 460-940983/12	500.0	1001.613794	50.0	331486.0	2.003228	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

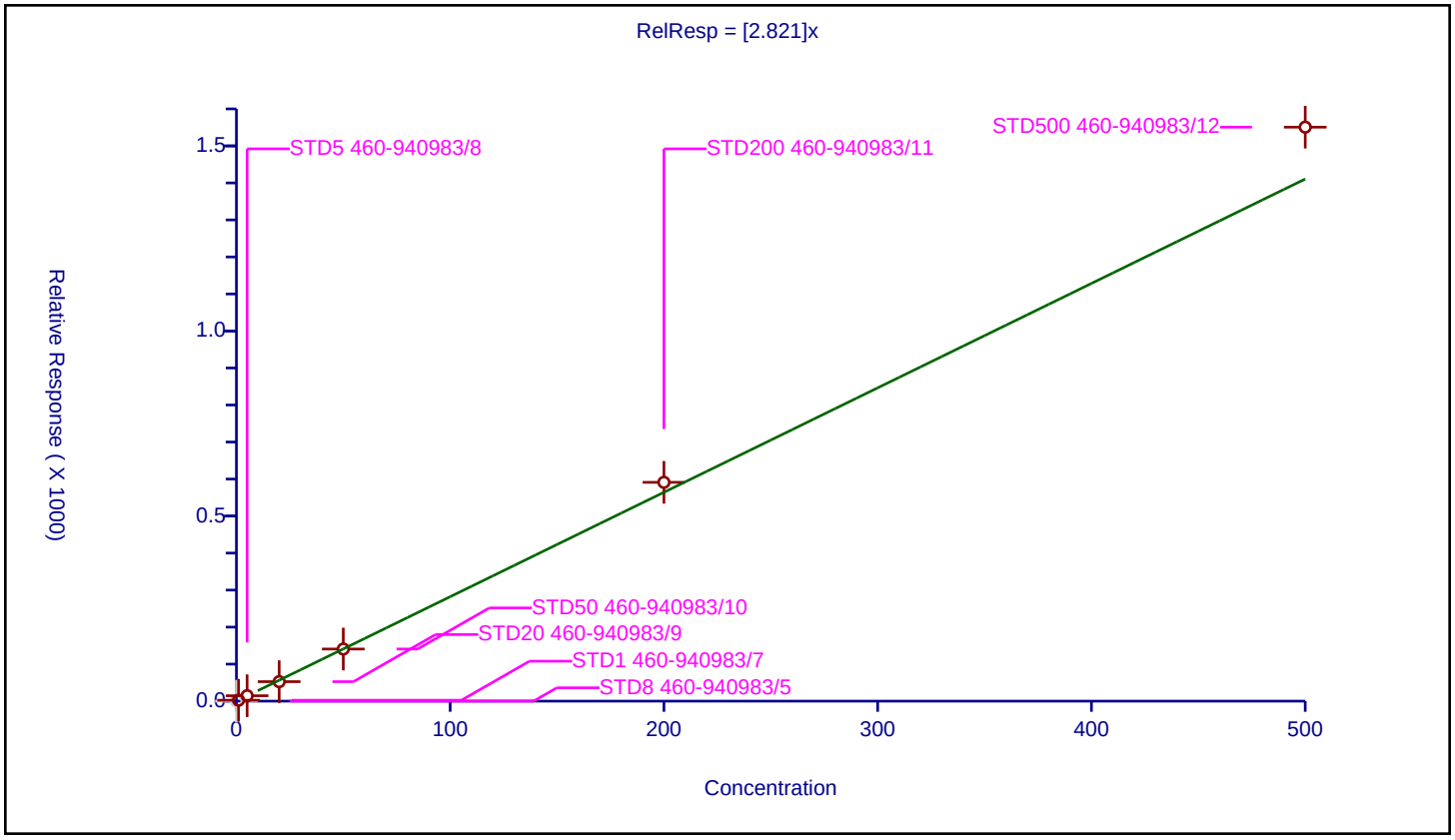
Curve Coefficients

Intercept:	0
Slope:	2.821

Error Coefficients

Standard Error:	4900000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.504736	50.0	258131.0	2.504736	Y
3	STD5 460-940983/8	5.0	14.583872	50.0	259259.0	2.916774	Y
4	STD20 460-940983/9	20.0	52.665064	50.0	267442.0	2.633253	Y
5	STD50 460-940983/10	50.0	140.74233	50.0	284267.0	2.814847	Y
6	STD200 460-940983/11	200.0	591.167202	50.0	311600.0	2.955836	Y
7	STD500 460-940983/12	500.0	1550.659606	50.0	331486.0	3.101319	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

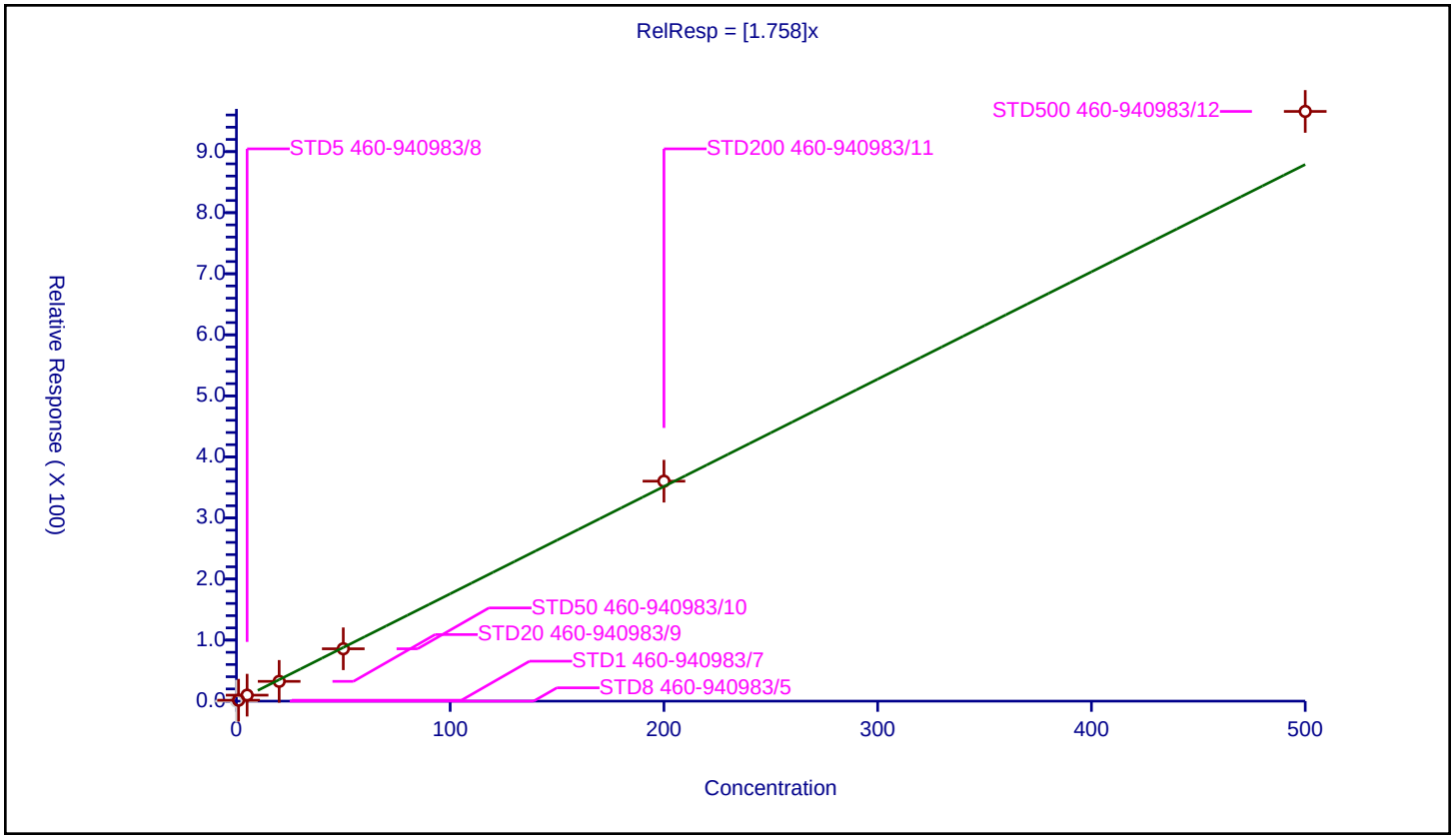
Curve Coefficients

Intercept:	0
Slope:	1.758

Error Coefficients

Standard Error:	3040000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.521902	50.0	258131.0	1.521902	Y
3	STD5 460-940983/8	5.0	9.789438	50.0	259259.0	1.957888	Y
4	STD20 460-940983/9	20.0	32.390574	50.0	267442.0	1.619529	Y
5	STD50 460-940983/10	50.0	85.742453	50.0	284267.0	1.714849	Y
6	STD200 460-940983/11	200.0	360.23267	50.0	311600.0	1.801163	Y
7	STD500 460-940983/12	500.0	965.853611	50.0	331486.0	1.931707	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

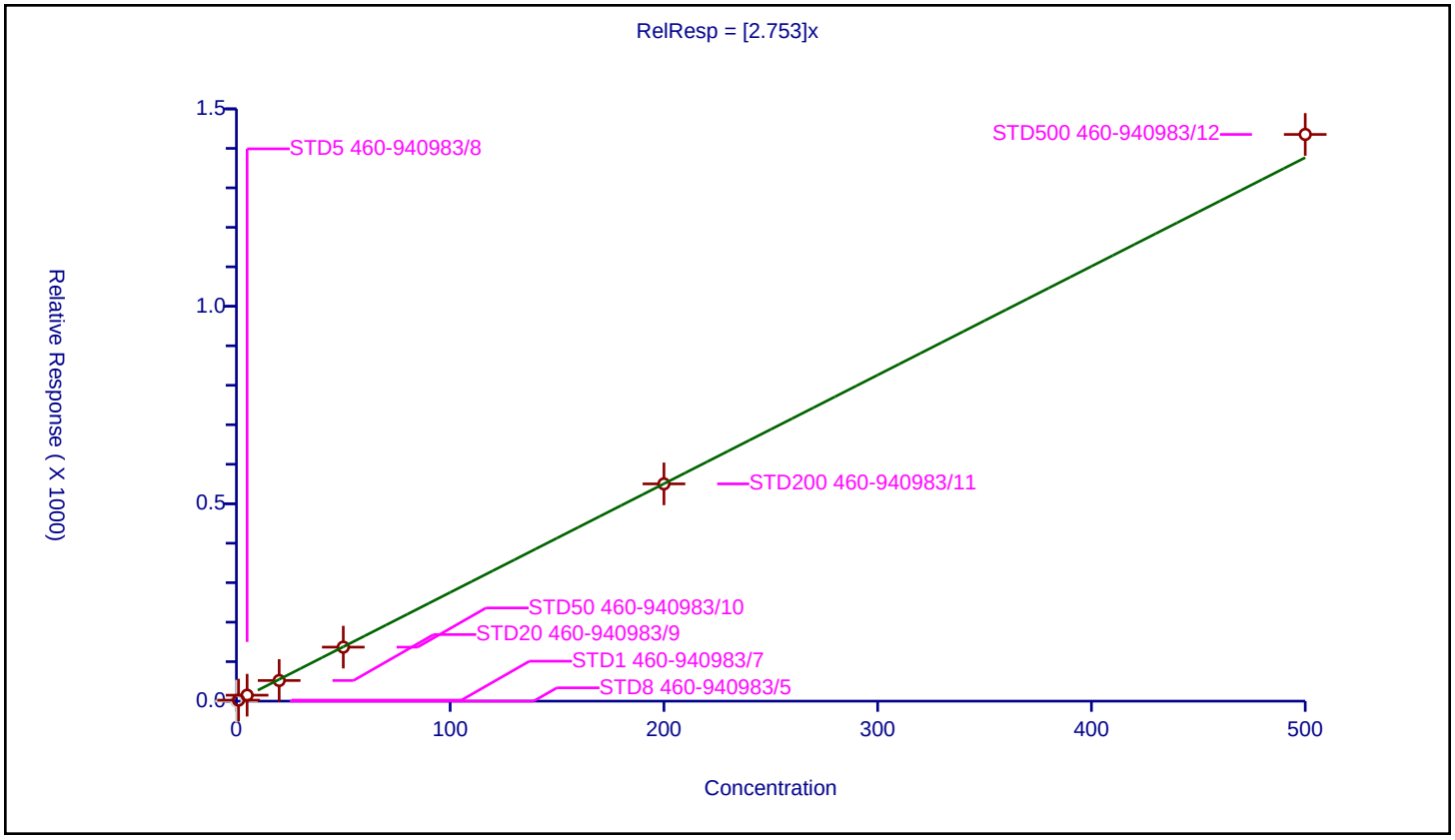
Curve Coefficients

Intercept:	0
Slope:	2.753

Error Coefficients

Standard Error:	4540000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.536696	50.0	258131.0	2.536696	Y
3	STD5 460-940983/8	5.0	15.065244	50.0	259259.0	3.013049	Y
4	STD20 460-940983/9	20.0	52.244786	50.0	267442.0	2.612239	Y
5	STD50 460-940983/10	50.0	136.760159	50.0	284267.0	2.735203	Y
6	STD200 460-940983/11	200.0	550.271662	50.0	311600.0	2.751358	Y
7	STD500 460-940983/12	500.0	1435.323362	50.0	331486.0	2.870647	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

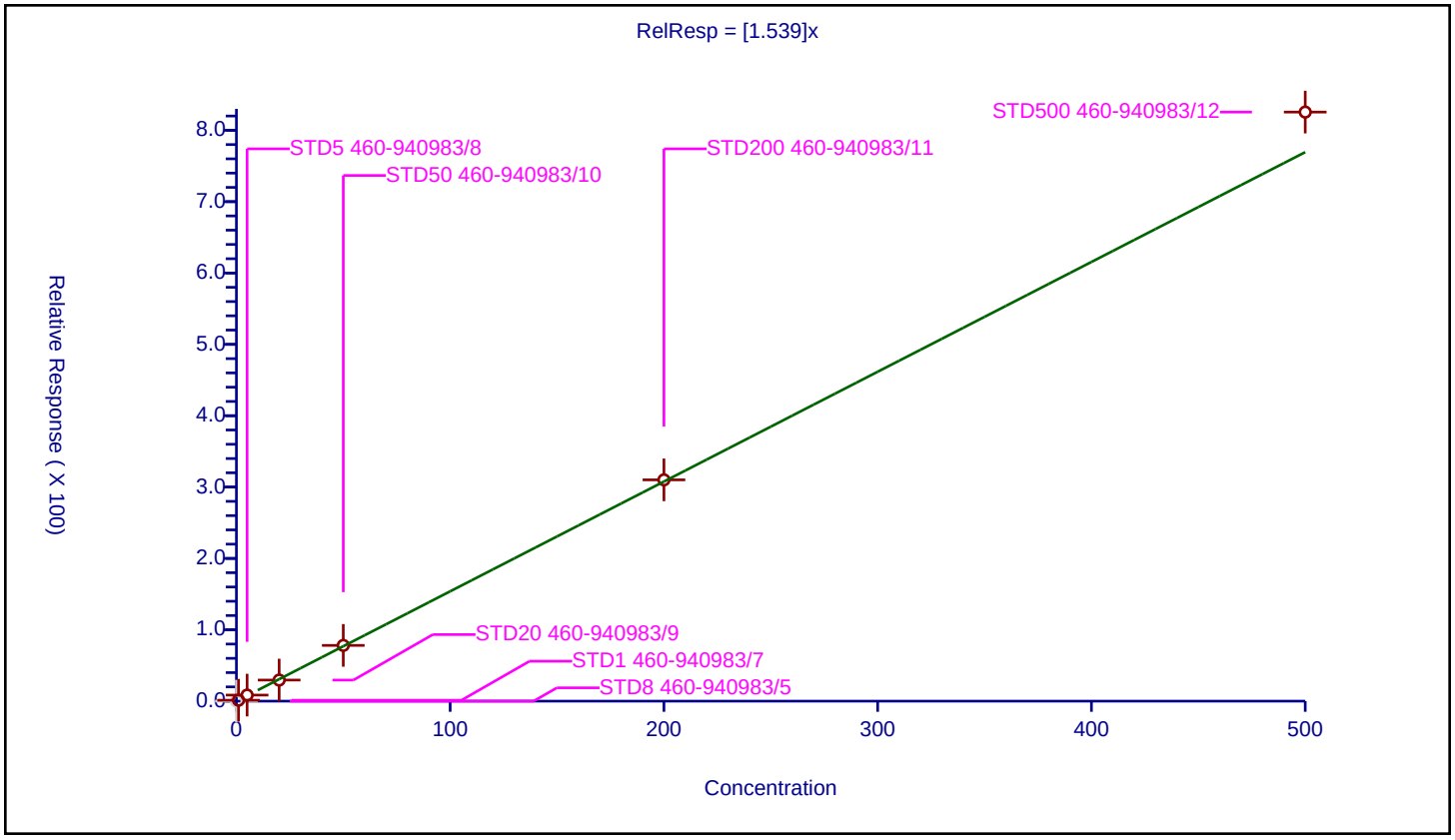
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.293336	50.0	258131.0	1.293336	Y
3	STD5 460-940983/8	5.0	8.491123	50.0	259259.0	1.698225	Y
4	STD20 460-940983/9	20.0	29.545845	50.0	267442.0	1.477292	Y
5	STD50 460-940983/10	50.0	78.096649	50.0	284267.0	1.561933	Y
6	STD200 460-940983/11	200.0	310.110719	50.0	311600.0	1.550554	Y
7	STD500 460-940983/12	500.0	825.50696	50.0	331486.0	1.651014	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

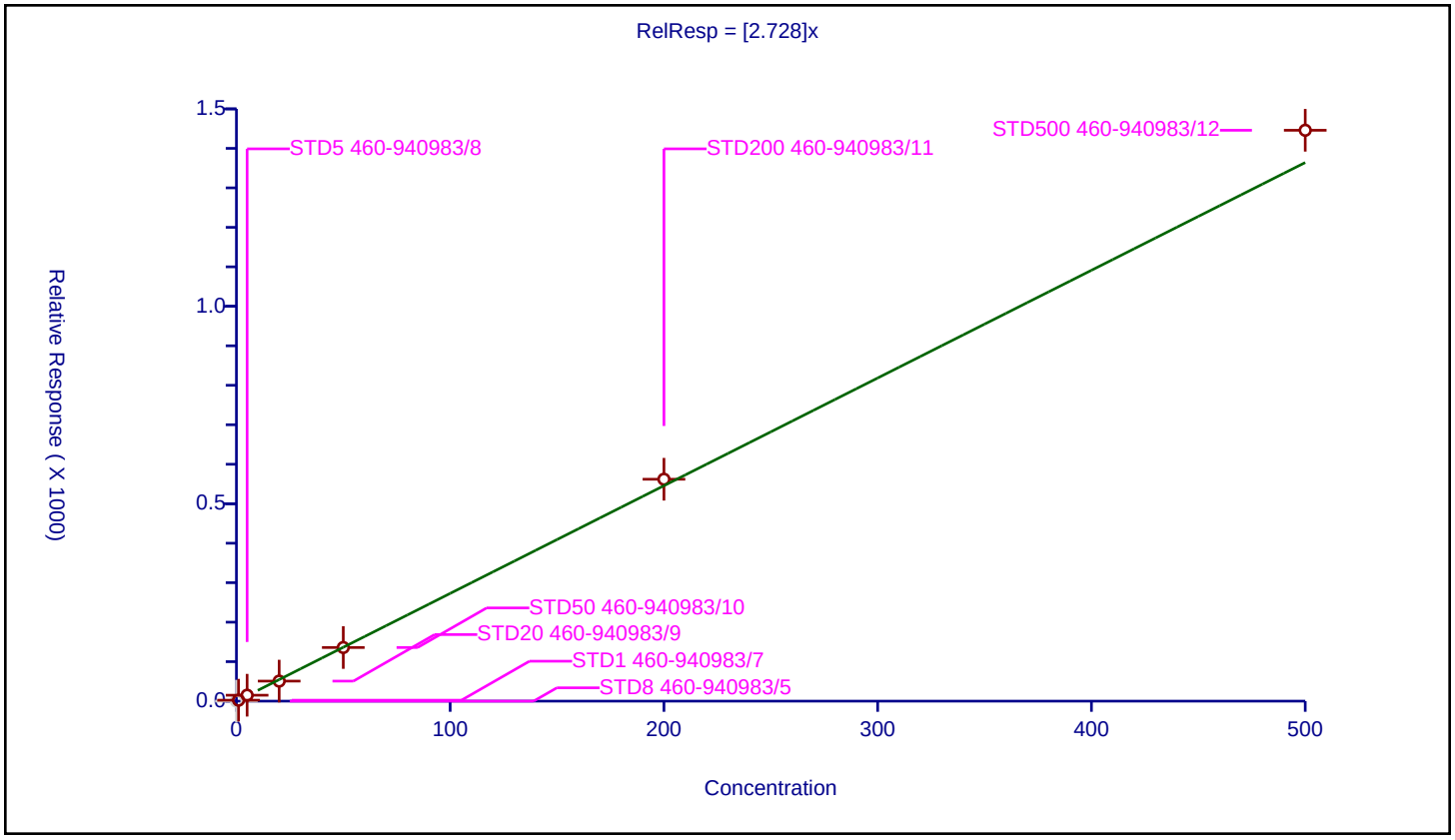
Curve Coefficients

Intercept:	0
Slope:	2.728

Error Coefficients

Standard Error:	4580000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.408661	50.0	258131.0	2.408661	Y
3	STD5 460-940983/8	5.0	15.023586	50.0	259259.0	3.004717	Y
4	STD20 460-940983/9	20.0	50.736795	50.0	267442.0	2.53684	Y
5	STD50 460-940983/10	50.0	135.849219	50.0	284267.0	2.716984	Y
6	STD200 460-940983/11	200.0	562.024872	50.0	311600.0	2.810124	Y
7	STD500 460-940983/12	500.0	1445.840397	50.0	331486.0	2.891681	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

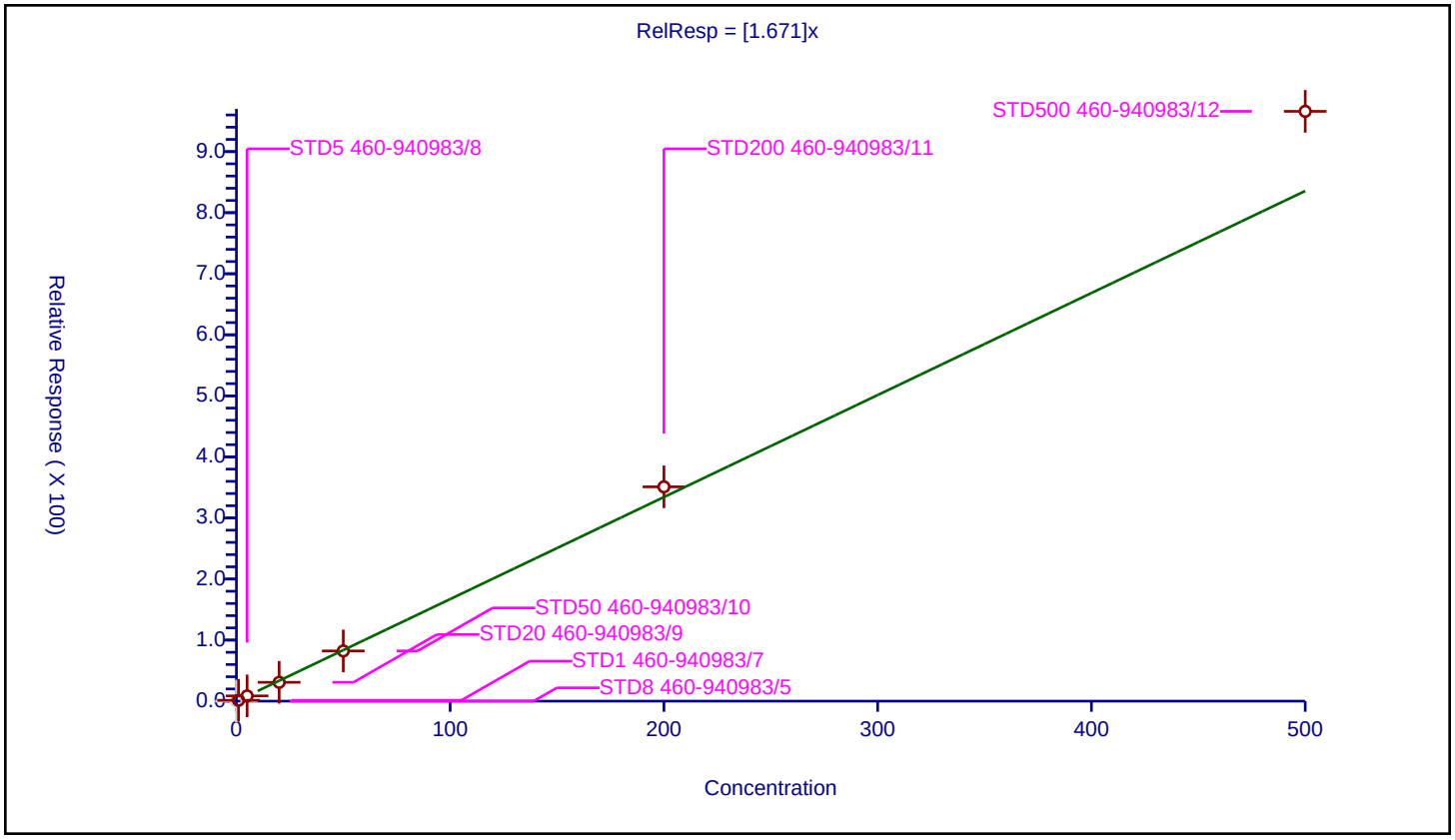
Curve Coefficients

Intercept:	0
Slope:	1.671

Error Coefficients

Standard Error:	3030000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.437642	50.0	258131.0	1.437642	Y
3	STD5 460-940983/8	5.0	8.581187	50.0	259259.0	1.716237	Y
4	STD20 460-940983/9	20.0	30.835845	50.0	267442.0	1.541792	Y
5	STD50 460-940983/10	50.0	82.206693	50.0	284267.0	1.644134	Y
6	STD200 460-940983/11	200.0	350.983954	50.0	311600.0	1.75492	Y
7	STD500 460-940983/12	500.0	965.935665	50.0	331486.0	1.931871	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

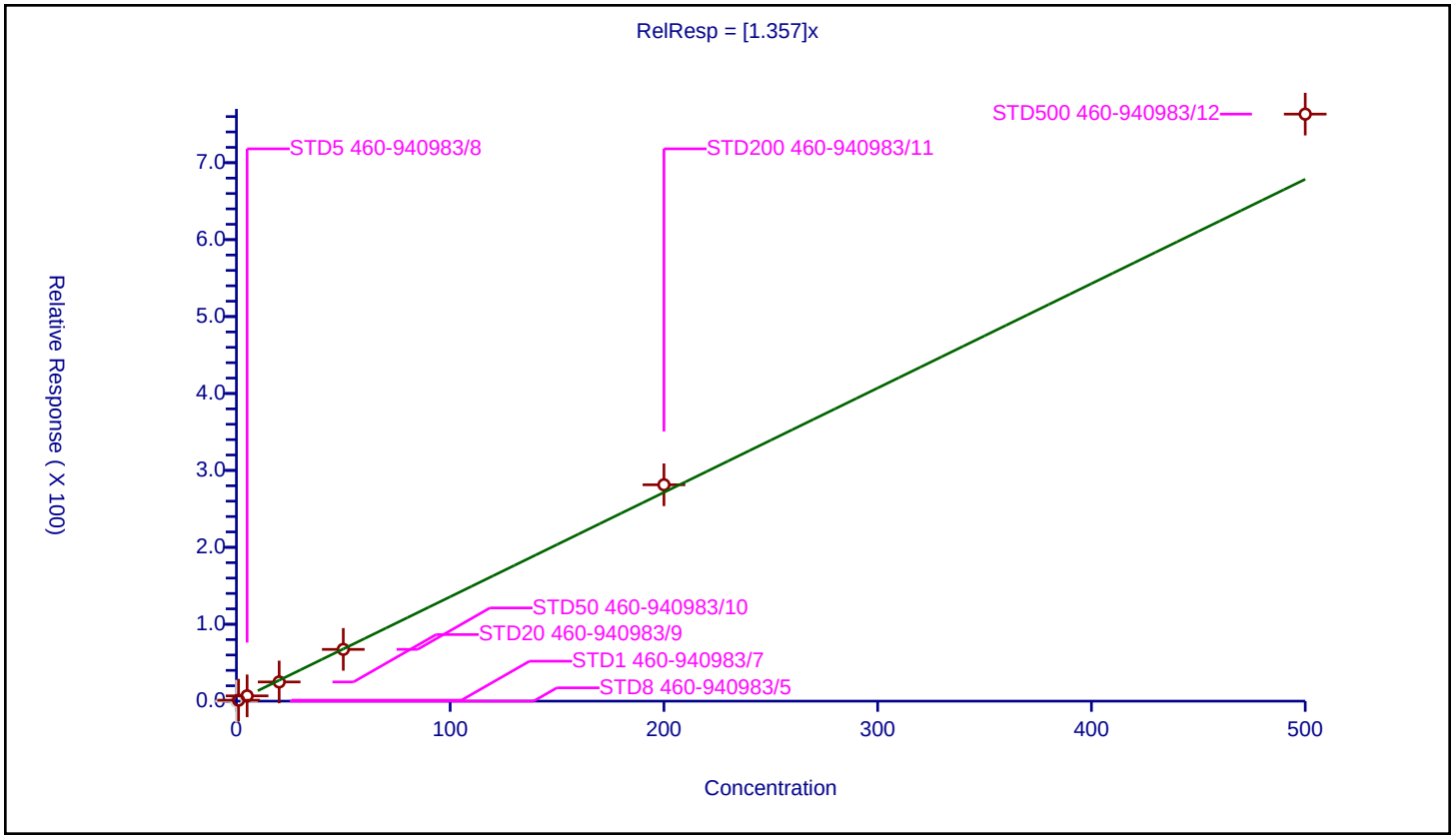
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.2391	50.0	258131.0	1.2391	Y
3	STD5 460-940983/8	5.0	6.885393	50.0	259259.0	1.377079	Y
4	STD20 460-940983/9	20.0	24.942044	50.0	267442.0	1.247102	Y
5	STD50 460-940983/10	50.0	67.295184	50.0	284267.0	1.345904	Y
6	STD200 460-940983/11	200.0	281.314185	50.0	311600.0	1.406571	Y
7	STD500 460-940983/12	500.0	763.19739	50.0	331486.0	1.526395	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

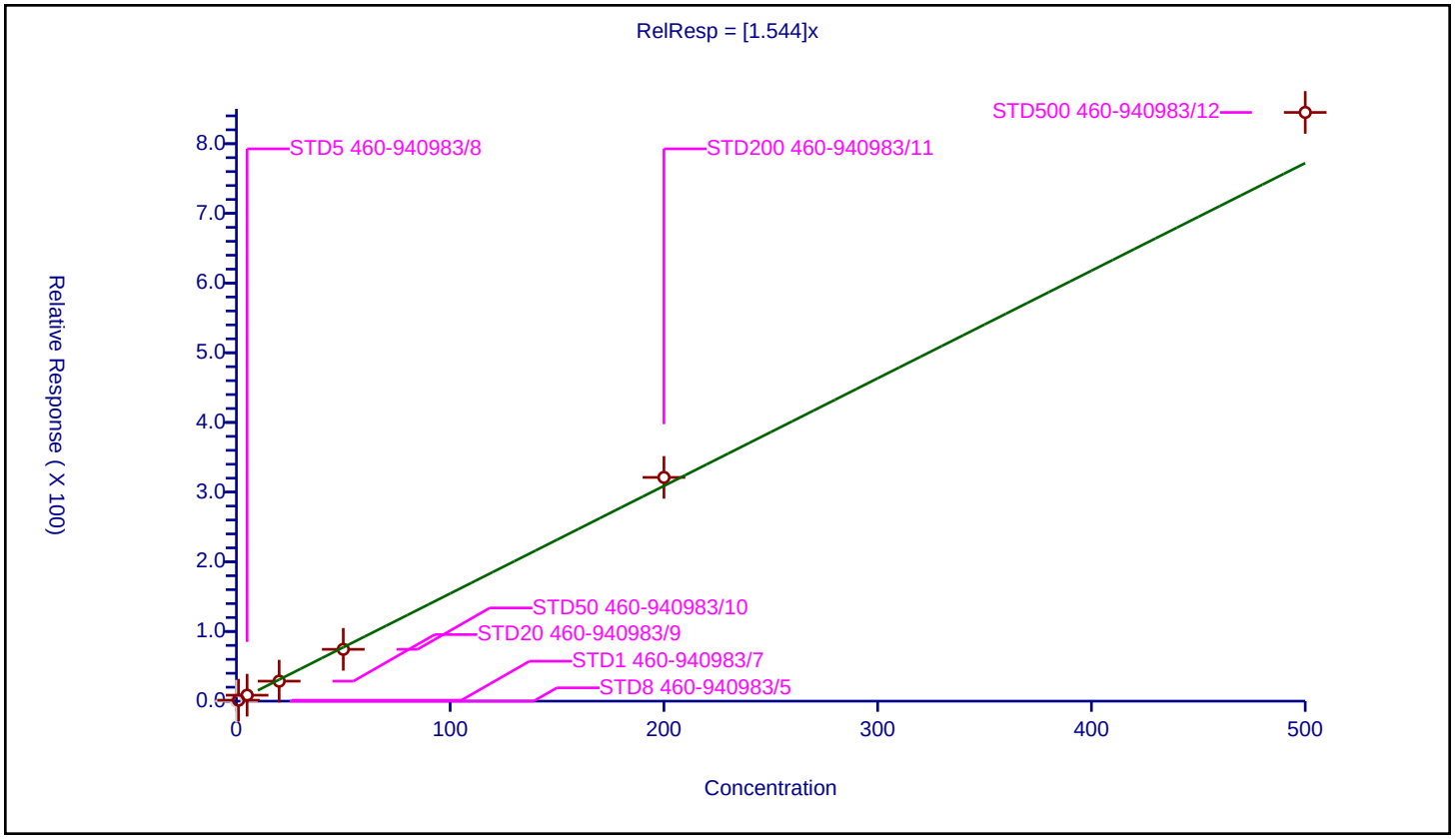
Curve Coefficients

Intercept:	0
Slope:	1.544

Error Coefficients

Standard Error:	2670000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.340405	50.0	258131.0	1.340405	Y
3	STD5 460-940983/8	5.0	8.546666	50.0	259259.0	1.709333	Y
4	STD20 460-940983/9	20.0	28.683042	50.0	267442.0	1.434152	Y
5	STD50 460-940983/10	50.0	74.37972	50.0	284267.0	1.487594	Y
6	STD200 460-940983/11	200.0	321.122754	50.0	311600.0	1.605614	Y
7	STD500 460-940983/12	500.0	844.932667	50.0	331486.0	1.689865	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

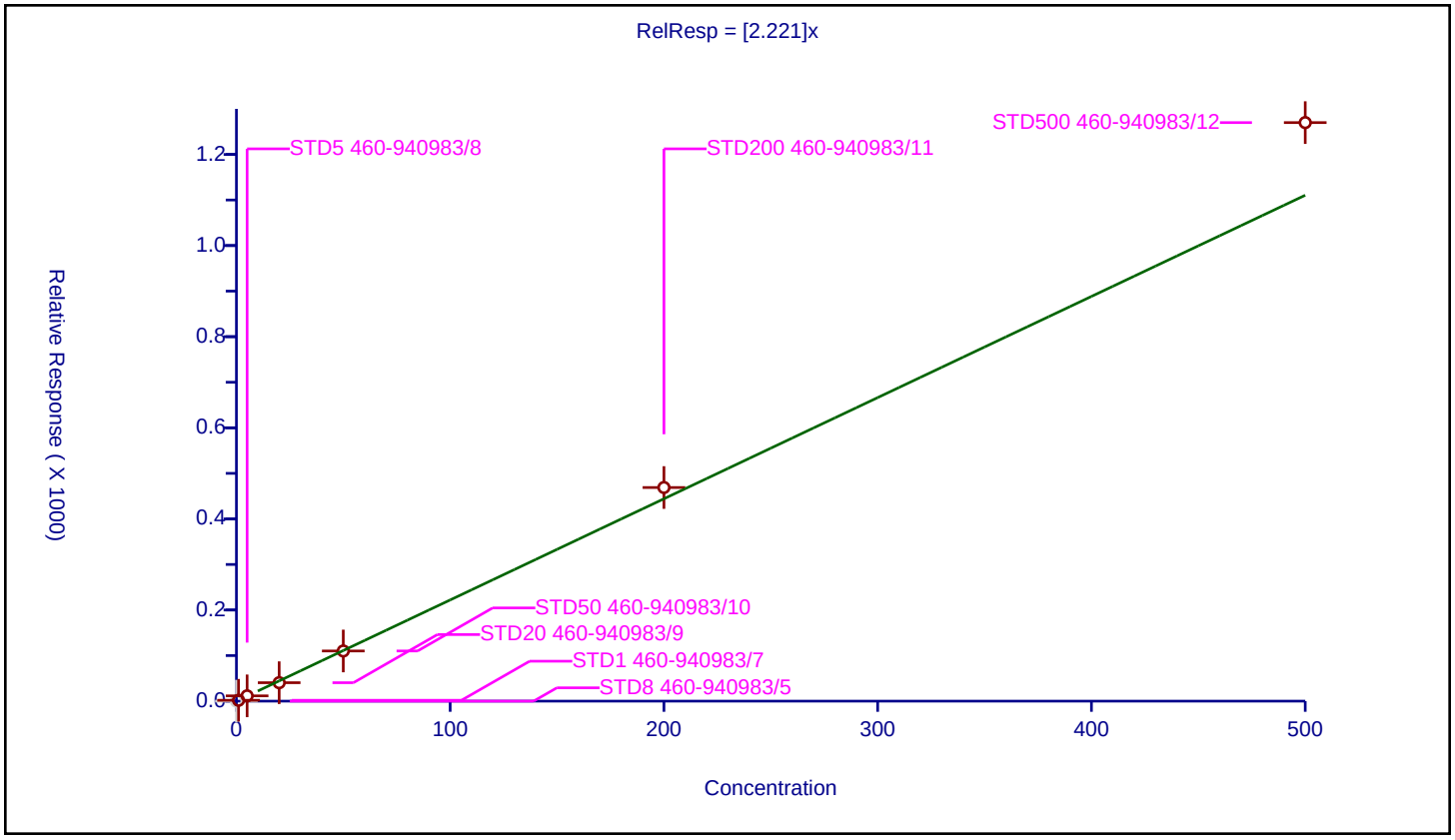
Curve Coefficients

Intercept:	0
Slope:	2.221

Error Coefficients

Standard Error:	4000000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.887801	50.0	258131.0	1.887801	Y
3	STD5 460-940983/8	5.0	11.633154	50.0	259259.0	2.326631	Y
4	STD20 460-940983/9	20.0	40.480927	50.0	267442.0	2.024046	Y
5	STD50 460-940983/10	50.0	110.135014	50.0	284267.0	2.2027	Y
6	STD200 460-940983/11	200.0	468.921374	50.0	311600.0	2.344607	Y
7	STD500 460-940983/12	500.0	1269.914265	50.0	331486.0	2.539829	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

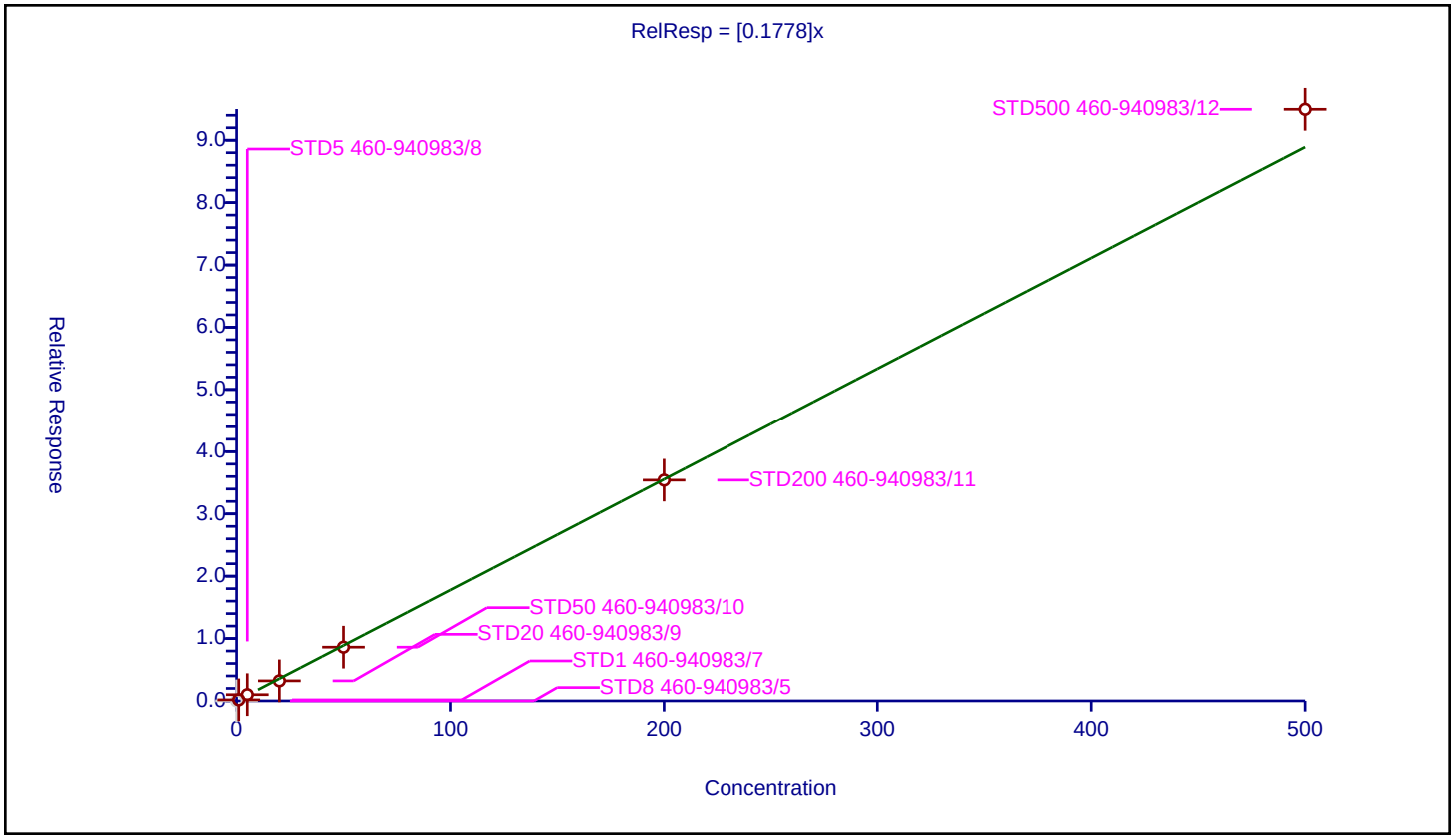
Curve Coefficients

Intercept:	0
Slope:	0.1778

Error Coefficients

Standard Error:	299000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.166969	50.0	258131.0	0.166969	Y
3	STD5 460-940983/8	5.0	0.999387	50.0	259259.0	0.199877	Y
4	STD20 460-940983/9	20.0	3.21322	50.0	267442.0	0.160661	Y
5	STD50 460-940983/10	50.0	8.613205	50.0	284267.0	0.172264	Y
6	STD200 460-940983/11	200.0	35.427632	50.0	311600.0	0.177138	Y
7	STD500 460-940983/12	500.0	94.95665	50.0	331486.0	0.189913	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

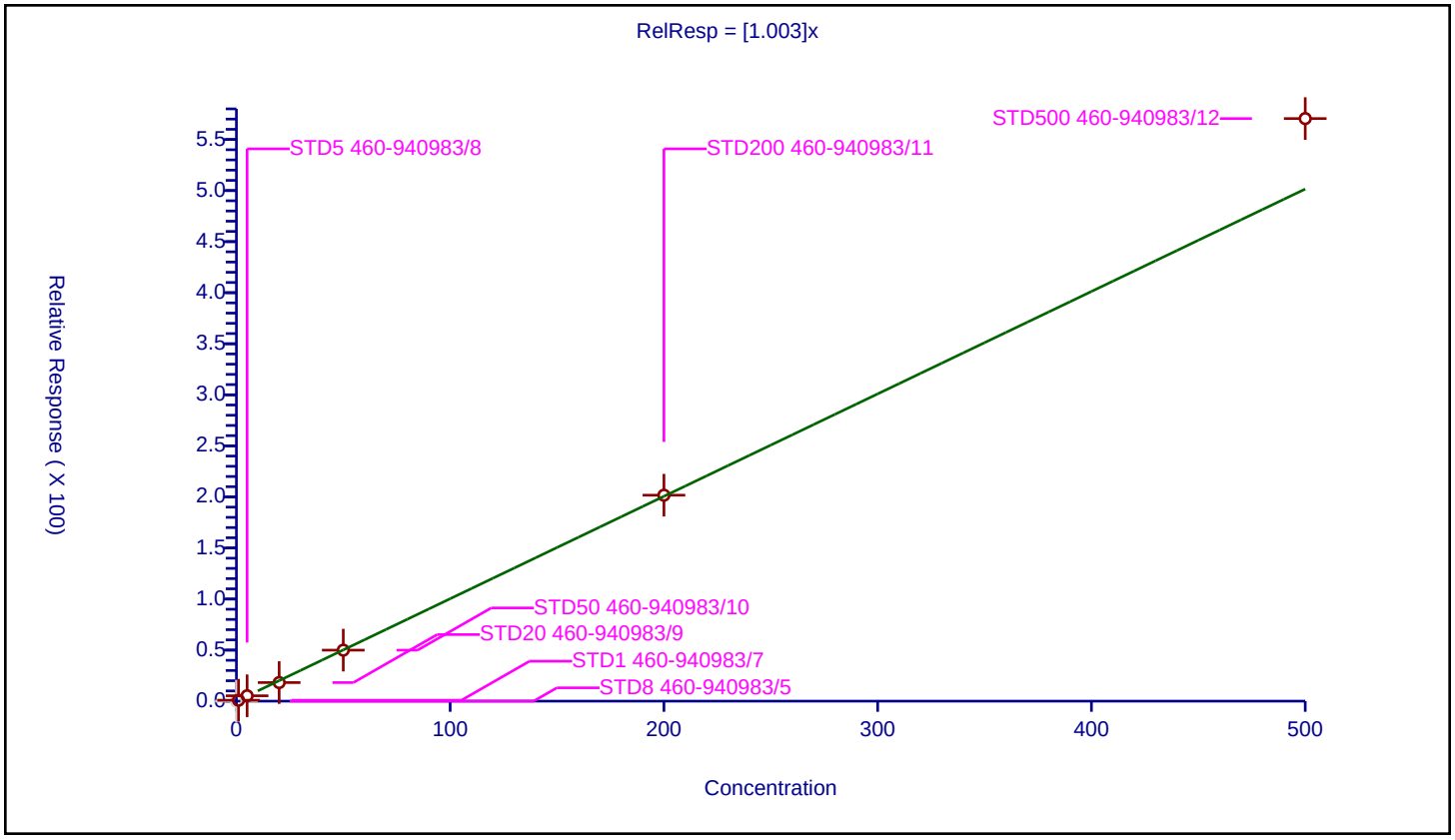
Curve Coefficients

Intercept:	0
Slope:	1.003

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.910003	50.0	258131.0	0.910003	Y
3	STD5 460-940983/8	5.0	5.25382	50.0	259259.0	1.050764	Y
4	STD20 460-940983/9	20.0	18.185438	50.0	267442.0	0.909272	Y
5	STD50 460-940983/10	50.0	49.927533	50.0	284267.0	0.998551	Y
6	STD200 460-940983/11	200.0	201.682766	50.0	311600.0	1.008414	Y
7	STD500 460-940983/12	500.0	570.494229	50.0	331486.0	1.140988	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

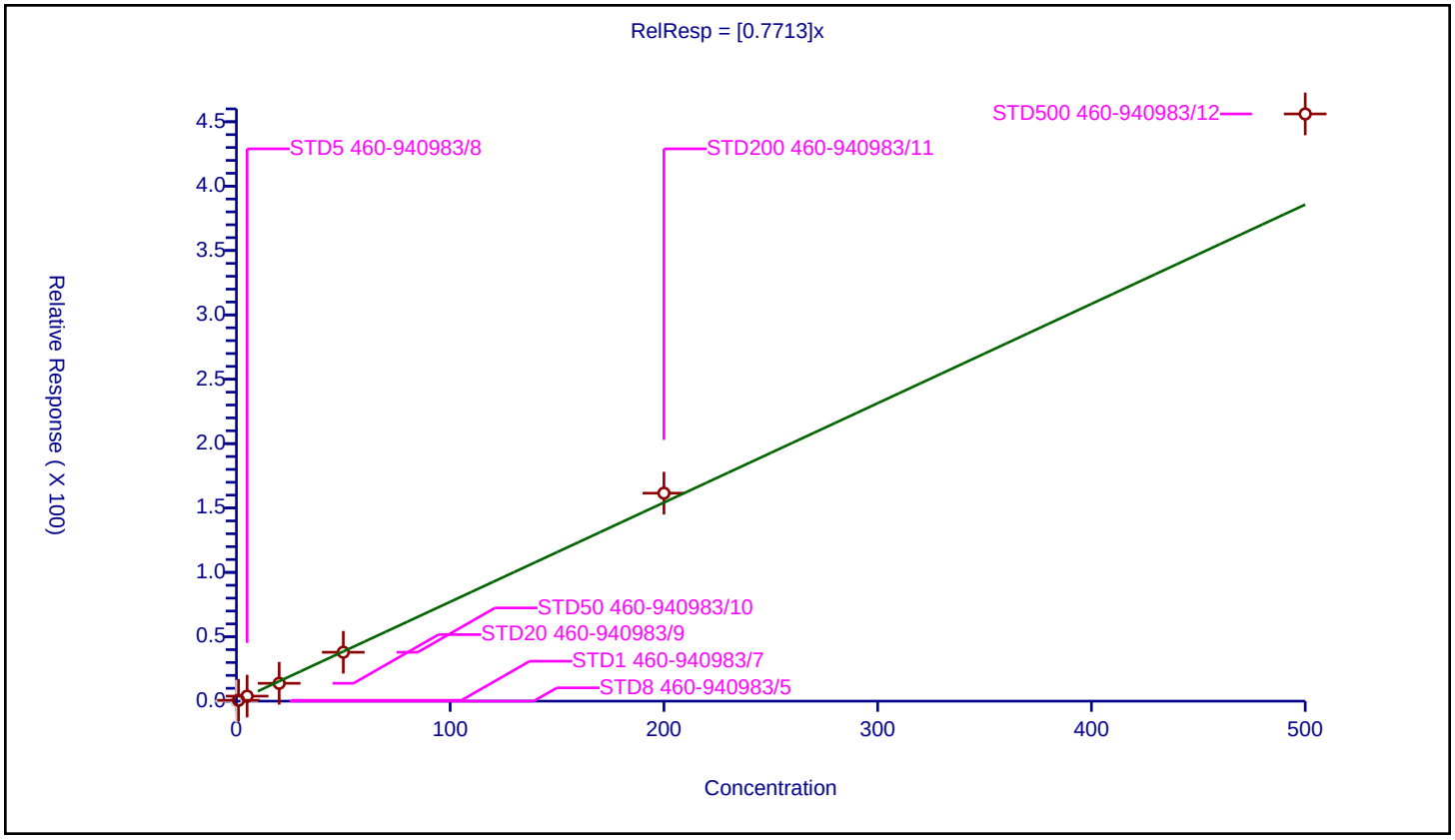
Curve Coefficients

Intercept:	0
Slope:	0.7713

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	11.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.676594	50.0	258131.0	0.676594	Y
3	STD5 460-940983/8	5.0	3.897261	50.0	259259.0	0.779452	Y
4	STD20 460-940983/9	20.0	13.855528	50.0	267442.0	0.692776	Y
5	STD50 460-940983/10	50.0	37.972047	50.0	284267.0	0.759441	Y
6	STD200 460-940983/11	200.0	161.531611	50.0	311600.0	0.807658	Y
7	STD500 460-940983/12	500.0	456.078537	50.0	331486.0	0.912157	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

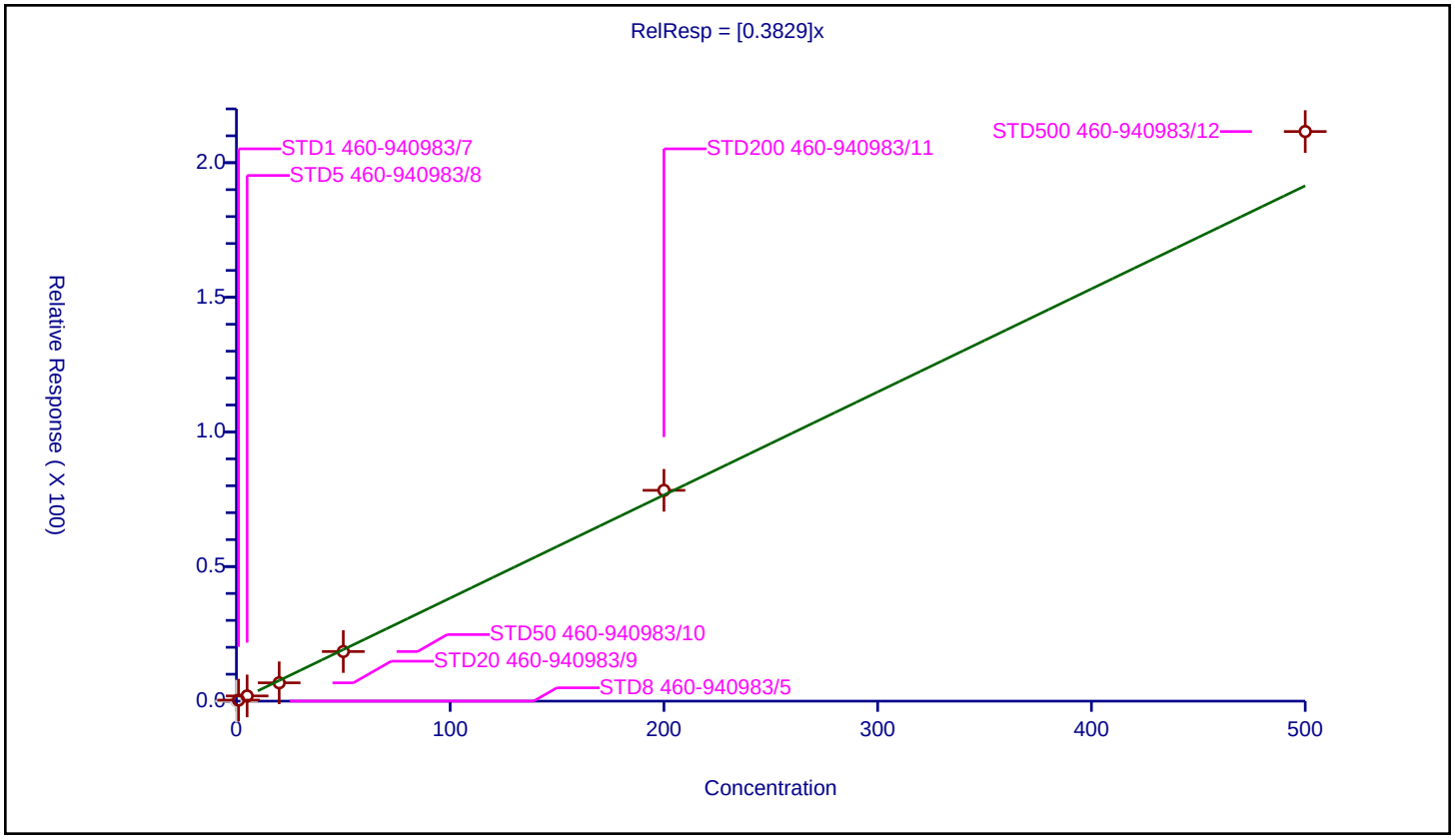
Curve Coefficients

Intercept:	0
Slope:	0.3829

Error Coefficients

Standard Error:	666000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.385657	50.0	258131.0	0.385657	Y
3	STD5 460-940983/8	5.0	1.938023	50.0	259259.0	0.387605	Y
4	STD20 460-940983/9	20.0	6.81157	50.0	267442.0	0.340579	Y
5	STD50 460-940983/10	50.0	18.431088	50.0	284267.0	0.368622	Y
6	STD200 460-940983/11	200.0	78.310655	50.0	311600.0	0.391553	Y
7	STD500 460-940983/12	500.0	211.593551	50.0	331486.0	0.423187	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

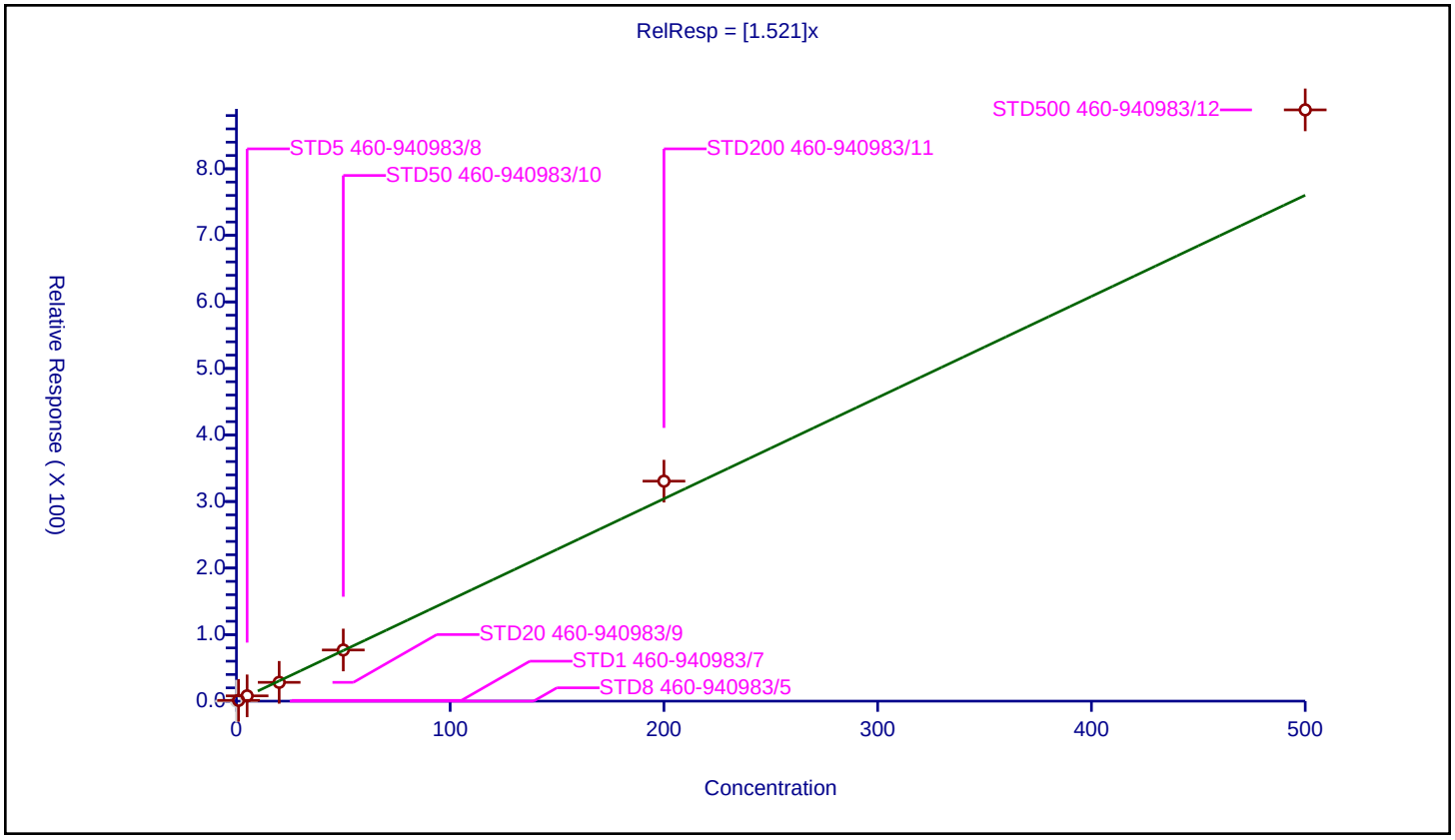
Curve Coefficients

Intercept:	0
Slope:	1.521

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.152516	50.0	258131.0	1.152516	Y
3	STD5 460-940983/8	5.0	7.955751	50.0	259259.0	1.59115	Y
4	STD20 460-940983/9	20.0	28.253229	50.0	267442.0	1.412661	Y
5	STD50 460-940983/10	50.0	76.855034	50.0	284267.0	1.537101	Y
6	STD200 460-940983/11	200.0	330.594994	50.0	311600.0	1.652975	Y
7	STD500 460-940983/12	500.0	888.499514	50.0	331486.0	1.776999	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

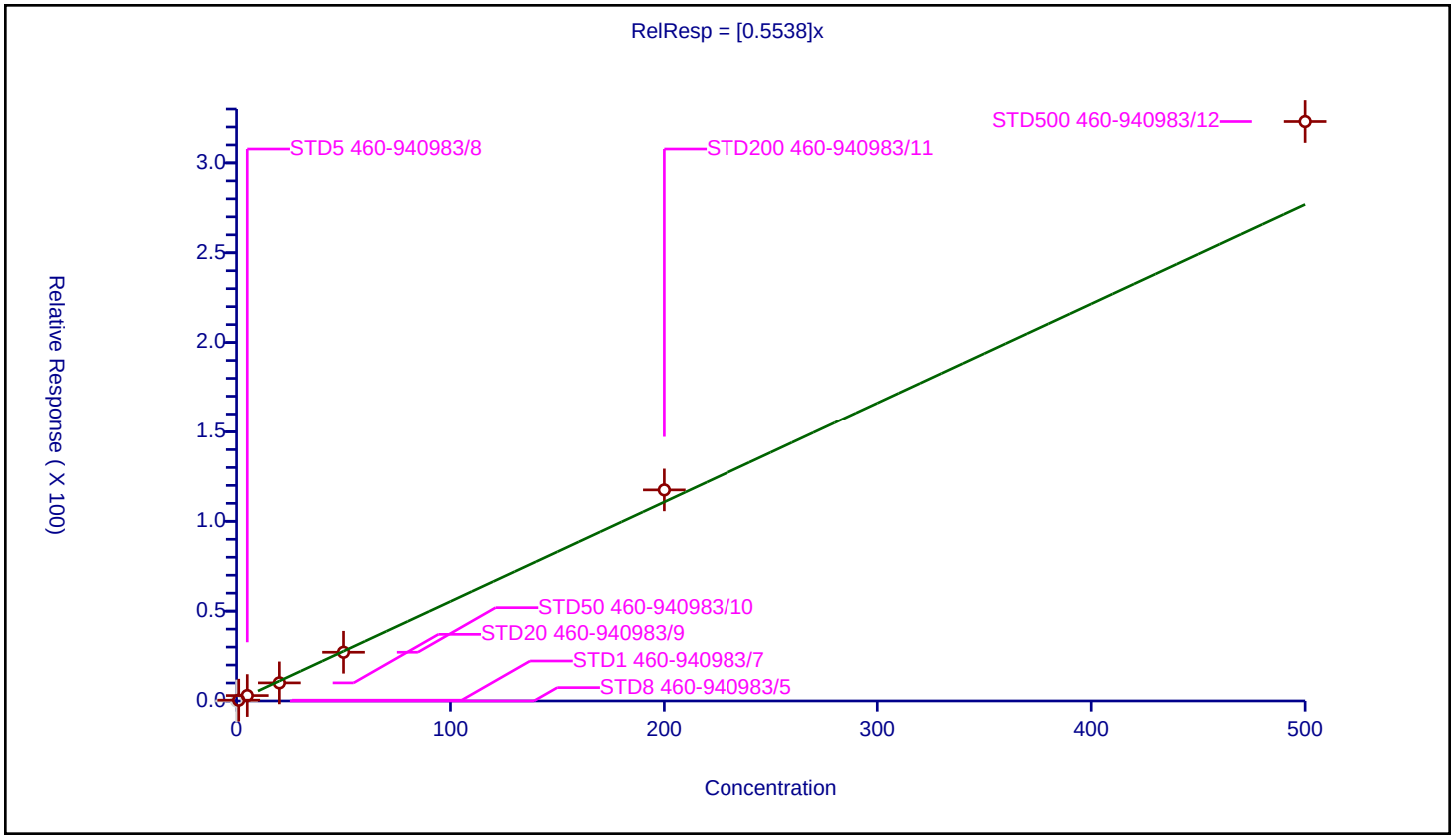
Curve Coefficients

Intercept:	0
Slope:	0.5538

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	13.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.442992	50.0	258131.0	0.442992	Y
3	STD5 460-940983/8	5.0	3.003367	50.0	259259.0	0.600673	Y
4	STD20 460-940983/9	20.0	10.06536	50.0	267442.0	0.503268	Y
5	STD50 460-940983/10	50.0	27.126434	50.0	284267.0	0.542529	Y
6	STD200 460-940983/11	200.0	117.499037	50.0	311600.0	0.587495	Y
7	STD500 460-940983/12	500.0	323.05301	50.0	331486.0	0.646106	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
Monochloropentafluoroethane	QuaF		0.0384		45.2	20.0	125.9*	30.0
Chlorotrifluoroethene	QuaF		0.1586		39.6	20.0	98.1*	30.0
1,1-Difluoroethane	Ave	0.1460	0.1808		24.8	20.0	23.8	30.0
Dichlorodifluoromethane	Ave	0.4102	0.5518	0.1000	26.9	20.0	34.5*	30.0
Chlorodifluoromethane	Ave	0.0579	0.0553		19.1	20.0	-4.6	30.0
Chloromethane	Ave	0.4003	0.4983	0.1000	24.9	20.0	24.5	30.0
Vinyl chloride	Ave	0.5068	0.6148	0.1000	24.3	20.0	21.3	30.0
Butadiene	Lin2		0.5436		23.8	20.0	19.1	30.0
Bromomethane	Ave	0.3164	0.3322	0.1000	21.0	20.0	5.0	30.0
Chloroethane	Ave	2.897	2.927	0.1000	20.2	20.0	1.0	30.0
Dichlorofluoromethane	Ave	0.6895	0.7381		21.4	20.0	7.0	30.0
Trichlorofluoromethane	Ave	0.5824	0.6859	0.1000	23.6	20.0	17.8	30.0
Pentane	Ave	0.0375	0.0317		33.8	40.0	-15.6	30.0
Ethanol	Ave	0.4211	0.3853		732	800	-8.5	30.0
Ethyl ether	Ave	0.2427	0.1995		16.4	20.0	-17.8	30.0
2-Methyl-1,3-butadiene	Ave	0.2203	0.2160		19.6	20.0	-1.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3220	0.3267		20.3	20.0	1.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5071	0.5354		21.1	20.0	5.6	30.0
Freon TF	Ave	0.3193	0.3039	0.1000	19.0	20.0	-4.8	30.0
Acrolein	Ave	0.0489	0.0452		36.5	39.5	-7.6	30.0
1,1-Dichloroethene	Ave	0.2765	0.2348	0.1000	17.0	20.0	-15.1	30.0
Acetone	Ave	0.8181	0.6847	0.0500	83.7	100	-16.3	30.0
Iodomethane	Lin2		0.2952		14.8	20.0	-25.9	30.0
Isopropyl alcohol	Ave	4.786	4.308		180	200	-10.0	30.0
Carbon disulfide	Ave	0.5973	0.3778	0.1000	12.6	20.0	-36.8*	30.0
3-Chloro-1-propene	Ave	0.1798	0.1608		17.9	20.0	-10.6	30.0
Methyl acetate	Ave	0.1833	0.1704	0.1000	37.2	40.0	-7.0	30.0
Cyclopentene	Ave	0.4842	0.4656		19.2	20.0	-3.8	30.0
Acetonitrile	Ave	0.3320	0.2827		170	200	-14.8	30.0
Methylene Chloride	Ave	0.3591	0.3060	0.1000	17.0	20.0	-14.8	30.0
2-Methyl-2-propanol	Ave	8.593	7.642		178	200	-11.1	30.0
MTBE	Ave	0.8211	0.7730	0.1000	18.8	20.0	-5.9	30.0
trans-1,2-Dichloroethene	Ave	0.3254	0.2671	0.1000	16.4	20.0	-17.9	30.0
Acrylonitrile	QuaF		0.0973		197	200	-1.7	30.0
Hexane	Ave	0.2508	0.1833		14.6	20.0	-26.9	30.0
Isopropyl ether	Ave	0.8491	0.8477		20.0	20.0	-0.2	30.0
1,1-Dichloroethane	Ave	0.5631	0.5316	0.2000	18.9	20.0	-5.6	30.0
Vinyl acetate	Ave	0.6395	0.6146		38.4	40.0	-3.9	30.0
2-Chloro-1,3-butadiene	Ave	0.2783	0.2818		20.3	20.0	1.3	30.0
Tert-butyl ethyl ether	Ave	0.7998	0.8106		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
2,2-Dichloropropane	Ave	0.1361	0.1200		17.6	20.0	-11.8	30.0
cis-1,2-Dichloroethene	Ave	0.4032	0.3469	0.1000	17.2	20.0	-14.0	30.0
2-Butanone	Ave	0.3787	0.3145	0.0500	83.1	100	-16.9	30.0
Ethyl acetate	Ave	0.3233	0.2902		35.9	40.0	-10.2	30.0
Methyl acrylate	Ave	0.2331	0.2230		19.1	20.0	-4.4	30.0
Propionitrile	Ave	0.0397	0.0379		191	200	-4.7	30.0
Chlorobromomethane	Ave	0.2066	0.1747		16.9	20.0	-15.5	30.0
Tetrahydrofuran	Lin2		0.3367		33.9	40.0	-15.2	30.0
Methacrylonitrile	Ave	0.1300	0.1196		184	200	-8.0	30.0
Chloroform	Ave	0.6314	0.5828	0.2000	18.5	20.0	-7.7	30.0
Cyclohexane	Ave	0.3948	0.3017	0.1000	15.3	20.0	-23.6	30.0
1,1,1-Trichloroethane	Ave	0.5235	0.4748	0.1000	18.1	20.0	-9.3	30.0
Carbon tetrachloride	Ave	0.4733	0.4164	0.1000	17.6	20.0	-12.0	30.0
1,1-Dichloropropene	Ave	0.4117	0.3586		17.4	20.0	-12.9	30.0
Isobutyl alcohol	Ave	4.467	3.736		418	500	-16.4	30.0
Isooctane	Ave	0.6320	0.6045		19.1	20.0	-4.3	30.0
Benzene	Ave	1.505	1.307	0.5000	17.4	20.0	-13.2	30.0
Isopropyl acetate	Ave	0.1495	0.1414		18.9	20.0	-5.4	30.0
Tert-amyl methyl ether	Ave	0.8376	0.8159		19.5	20.0	-2.6	30.0
1,2-Dichloroethane	Ave	0.3774	0.3418	0.1000	18.1	20.0	-9.4	30.0
n-Heptane	Ave	0.2041	0.1628		16.0	20.0	-20.2	30.0
n-Butanol	Ave	2.102	1.811		431	500	-13.9	30.0
Trichloroethene	Ave	0.3548	0.3080	0.2000	17.4	20.0	-13.2	30.0
Methylcyclohexane	Ave	0.4237	0.3292	0.1000	15.5	20.0	-22.3	30.0
Ethyl acrylate	Ave	0.5895	0.5458		18.5	20.0	-7.4	30.0
1,2-Dichloropropane	Ave	0.3343	0.3056	0.1000	18.3	20.0	-8.6	30.0
Methyl methacrylate	Ave	0.0820	0.0771		37.6	40.0	-6.0	30.0
1,4-Dioxane	Ave	1.392	1.282		368	400	-7.9	30.0
Dibromomethane	Ave	0.2339	0.2065		17.7	20.0	-11.7	30.0
n-Propyl acetate	Ave	0.3234	0.3186		19.7	20.0	-1.5	30.0
Bromodichloromethane	Ave	0.4727	0.4431	0.2000	18.7	20.0	-6.3	30.0
2-Nitropropane	Ave	0.0604	0.0652		43.1	40.0	7.8	30.0
2-Chloroethyl vinyl ether	Ave	0.0415	0.0379		18.3	20.0	-8.7	30.0
Epichlorohydrin	QuaF		0.2756		20.3	20.0	1.7	30.0
cis-1,3-Dichloropropene	Ave	0.6704	0.5855	0.2000	17.5	20.0	-12.7	30.0
4-Methyl-2-pentanone	Ave	2.300	2.131	0.0500	92.6	100	-7.4	30.0
Toluene	Ave	1.719	1.505	0.4000	17.5	20.0	-12.5	30.0
trans-1,3-Dichloropropene	Ave	0.5817	0.5704	0.1000	19.6	20.0	-1.9	30.0
Ethyl methacrylate	Ave	0.4154	0.4053		19.5	20.0	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.3185	0.3085	0.1000	19.4	20.0	-3.1	30.0
Tetrachloroethene	Ave	0.4918	0.4358	0.2000	17.7	20.0	-11.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
1,3-Dichloropropane	Ave	0.5862	0.5685		19.4	20.0	-3.0	30.0
2-Hexanone	Ave	1.607	1.458	0.0500	90.7	100	-9.3	30.0
n-Butyl acetate	Ave	0.4208	0.4463		21.2	20.0	6.1	30.0
Dibromochloromethane	Ave	0.4690	0.4603	0.1000	19.6	20.0	-1.9	30.0
1,2-Dibromoethane	Ave	0.3917	0.3654	0.1000	18.7	20.0	-6.7	30.0
Chlorobenzene	Ave	1.180	1.094	0.5000	18.5	20.0	-7.3	30.0
Ethylbenzene	Ave	0.6321	0.5557	0.1000	17.6	20.0	-12.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4711	0.4360		18.5	20.0	-7.4	30.0
m-Xylene & p-Xylene	Ave	0.7412	0.6748	0.1000	18.2	20.0	-9.0	30.0
o-Xylene	Ave	0.7488	0.6552	0.3000	17.5	20.0	-12.5	30.0
n-Butyl acrylate	Ave	0.2773	0.2662		19.2	20.0	-4.0	30.0
Styrene	Ave	1.232	1.138	0.3000	18.5	20.0	-7.6	30.0
Bromoform	Ave	0.3291	0.3170	0.1000	19.3	20.0	-3.7	30.0
Amyl acetate (mixed isomers)	Ave	0.8688	0.9235		21.3	20.0	6.3	30.0
Isopropylbenzene	Ave	1.817	1.735	0.1000	19.1	20.0	-4.5	30.0
Bromobenzene	Ave	1.000	0.9174		18.4	20.0	-8.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8107	0.8134	0.3000	20.1	20.0	0.3	30.0
N-Propylbenzene	Ave	3.961	3.799		19.2	20.0	-4.1	30.0
1,2,3-Trichloropropane	Ave	0.2569	0.2484		19.3	20.0	-3.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1656	0.1804		21.8	20.0	8.9	30.0
2-Chlorotoluene	Ave	2.603	2.488		19.1	20.0	-4.4	30.0
4-Ethyltoluene	Ave	3.293	3.299		20.0	20.0	0.2	30.0
1,3,5-Trimethylbenzene	Ave	2.668	2.471		18.5	20.0	-7.4	30.0
4-Chlorotoluene	Ave	2.618	2.485		19.0	20.0	-5.1	30.0
Butyl Methacrylate	Ave	0.8619	0.8543		19.8	20.0	-0.9	30.0
tert-Butylbenzene	Ave	2.314	2.197		19.0	20.0	-5.0	30.0
1,2,4-Trimethylbenzene	Ave	2.797	2.525		18.1	20.0	-9.7	30.0
sec-Butylbenzene	Ave	3.264	3.156		19.3	20.0	-3.3	30.0
1,3-Dichlorobenzene	Ave	1.751	1.580	0.6000	18.0	20.0	-9.8	30.0
4-Isopropyltoluene	Ave	2.821	2.616		18.5	20.0	-7.3	30.0
1,4-Dichlorobenzene	Ave	1.758	1.612	0.5000	18.3	20.0	-8.3	30.0
1,2,3-Trimethylbenzene	Ave	2.753	2.678		19.5	20.0	-2.7	30.0
Benzyl chloride	Ave	1.539	1.584		20.6	20.0	3.0	30.0
Indan	Ave	2.728	2.660		19.5	20.0	-2.5	30.0
p-Diethylbenzene	Ave	1.671	1.655		19.8	20.0	-1.0	30.0
n-Butylbenzene	Ave	1.357	1.275		18.8	20.0	-6.1	30.0
1,2-Dichlorobenzene	Ave	1.544	1.417	0.4000	18.3	20.0	-8.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.221	2.170		19.5	20.0	-2.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1778	0.1612	0.0500	18.1	20.0	-9.4	30.0
1,3,5-Trichlorobenzene	Ave	1.003	0.9625		19.2	20.0	-4.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7713	0.7202	0.2000	18.7	20.0	-6.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
Hexachlorobutadiene	Ave	0.3829	0.3700		19.3	20.0	-3.4	30.0
Naphthalene	Ave	1.521	1.494		19.7	20.0	-1.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5538	0.5323		19.2	20.0	-3.9	30.0
Dibromofluoromethane (Surr)	Ave	0.3071	0.3098		50.4	50.0	0.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2695	0.2843		52.7	50.0	5.5	30.0
Toluene-d8 (Surr)	Ave	1.249	1.292		51.7	50.0	3.4	30.0
Bromofluorobenzene	Ave	0.4469	0.4577		51.2	50.0	2.4	30.0

Eurofins Environment Testing
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Oct-2023 18:15:59 ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS/ICV
Misc. Info.: 460-0167990-020
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 13:37:33 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1656

First Level Reviewer: RD6L Date: 28-Oct-2023 13:36:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	94	10551	20.0	45.2	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	94	43542	20.0	39.6	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	95	49635	20.0	24.8	
4 Dichlorodifluoromethane	85	1.454	1.449	0.005	100	151510	20.0	26.9	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15181	20.0	19.1	
6 Chloromethane	50	1.627	1.632	-0.005	100	136827	20.0	24.9	
7 Vinyl chloride	62	1.721	1.722	-0.001	98	168815	20.0	24.3	
8 Butadiene	54	1.748	1.748	0.000	93	149262	20.0	23.8	
9 Bromomethane	94	2.020	2.010	0.010	98	91208	20.0	21.0	
10 Chloroethane	64	2.109	2.104	0.005	96	80131	20.0	20.2	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	202662	20.0	21.4	
12 Trichlorofluoromethane	101	2.303	2.298	0.005	98	188328	20.0	23.6	
13 Pentane	72	2.351	2.351	0.000	94	17395	40.0	33.8	
14 Ethanol	46	2.508	2.513	-0.005	99	14811	800.0	732.0	
15 Ethyl ether	59	2.560	2.555	0.005	93	54774	20.0	16.4	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	95	59312	20.0	19.6	a
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	91	89694	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	89	147022	20.0	21.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	83456	20.0	19.0	
19 Acrolein	56	2.739	2.734	0.005	56	24490	39.5	36.5	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	96	64461	20.0	17.0	
22 Acetone	43	2.864	2.870	-0.006	86	93723	100.0	83.7	
23 Iodomethane	142	2.933	2.933	0.000	98	81060	20.0	14.8	
24 Carbon disulfide	76	2.964	2.964	0.000	99	103725	20.0	12.6	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	53	41395	200.0	180.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	86	44166	20.0	17.9	
28 Methyl acetate	43	3.132	3.127	0.005	85	93596	40.0	37.2	
29 Cyclopentene	67	3.137	3.132	0.005	94	127838	20.0	19.2	
26 Acetonitrile	41	3.184	3.190	-0.006	99	77406	200.0	170.3	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	97	48047	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	3.252	3.253	-0.001	80	84019	20.0	17.0	
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	73439	200.0	177.9	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	96	212254	20.0	18.8	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	82	73328	20.0	16.4	
33 Acrylonitrile	53	3.541	3.541	0.000	93	267303	200.0	196.5	
36 Hexane	57	3.630	3.630	0.000	90	50319	20.0	14.6	
40 Isopropyl ether	45	3.866	3.866	0.000	95	232773	20.0	20.0	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	145972	20.0	18.9	
38 Vinyl acetate	86	3.924	3.918	0.006	99	33655	40.0	38.4	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	85	77377	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	90	222580	20.0	20.3	
* 42 2-Butanone-d5	46	4.443	4.448	-0.005	89	342218	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	68	32963	20.0	17.6	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	96	95242	20.0	17.2	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	43050	100.0	83.1	
47 Ethyl acetate	70	4.521	4.516	0.005	97	15889	40.0	35.9	
48 Methyl acrylate	55	4.574	4.574	0.000	100	61225	20.0	19.1	
46 Propionitrile	54	4.658	4.658	0.000	98	103961	200.0	190.5	
49 Chlorobromomethane	128	4.741	4.742	-0.001	77	47962	20.0	16.9	
51 Tetrahydrofuran	72	4.741	4.742	-0.001	75	18434	40.0	33.9	
50 Methacrylonitrile	67	4.773	4.773	0.000	88	328493	200.0	184.0	
52 Chloroform	83	4.804	4.805	-0.001	99	160037	20.0	18.5	
55 Cyclohexane	84	4.946	4.946	0.000	89	82833	20.0	15.3	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	95	130369	20.0	18.1	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	212687	50.0	50.4	
56 Carbon tetrachloride	117	5.098	5.098	0.000	99	114331	20.0	17.6	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	96	98474	20.0	17.4	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	95	89752	500.0	418.1	
62 Isooctane	57	5.334	5.334	0.000	99	165997	20.0	19.1	a
60 Benzene	78	5.365	5.366	-0.001	97	291914	20.0	17.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	88	195178	50.0	52.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	82	224029	20.0	19.5	
63 Isopropyl acetate	61	5.449	5.449	0.000	86	38826	20.0	18.9	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	93858	20.0	18.1	
66 n-Heptane	43	5.554	5.554	0.000	90	44709	20.0	16.0	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	686458	50.0	50.0	
68 n-Butanol	56	6.073	6.079	-0.006	81	43497	500.0	430.7	
67 Trichloroethene	95	6.115	6.115	0.000	93	84577	20.0	17.4	
70 Methylcyclohexane	83	6.257	6.262	-0.005	91	90387	20.0	15.5	a
69 Ethyl acrylate	55	6.272	6.273	-0.001	97	149873	20.0	18.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	92	83923	20.0	18.3	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35139	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	81	42344	40.0	37.6	
74 1,4-Dioxane	88	6.603	6.598	0.005	41	18014	400.0	368.2	
72 Dibromomethane	93	6.608	6.608	0.000	93	56704	20.0	17.7	
76 n-Propyl acetate	43	6.634	6.634	0.000	98	87490	20.0	19.7	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	121666	20.0	18.7	
78 2-Nitropropane	41	7.200	7.201	-0.001	88	35781	40.0	43.1	
79 2-Chloroethyl vinyl ether	106	7.211	7.216	-0.005	80	10406	20.0	18.3	
80 Epichlorohydrin	57	7.332	7.326	0.006	97	7545	20.0	20.3	
81 cis-1,3-Dichloropropene	75	7.394	7.395	-0.001	89	130784	20.0	17.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	291663	100.0	92.6	

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	7.683	7.683	0.000	99	721353	50.0	51.7	
84 Toluene	91	7.777	7.772	0.005	92	336107	20.0	17.5	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	127400	20.0	19.6	
86 Ethyl methacrylate	69	8.260	8.255	0.006	85	90542	20.0	19.5	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	93	68913	20.0	19.4	
88 Tetrachloroethene	166	8.501	8.501	0.000	98	97334	20.0	17.7	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	89	126984	20.0	19.4	
90 2-Hexanone	43	8.810	8.805	0.005	94	199578	100.0	90.7	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	99689	20.0	21.2	
91 Chlorodibromomethane	129	8.988	8.989	-0.001	97	102826	20.0	19.6	
92 Ethylene Dibromide	107	9.167	9.167	0.000	97	81615	20.0	18.7	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	84	558425	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	244432	20.0	18.5	
97 Ethylbenzene	106	10.021	10.021	0.000	98	124125	20.0	17.6	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	51	97397	20.0	18.5	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	91	150736	20.0	18.2	
99 o-Xylene	106	10.860	10.855	0.005	94	146363	20.0	17.5	
101 n-Butyl acrylate	73	10.871	10.871	0.000	77	59454	20.0	19.2	
100 Styrene	104	10.907	10.908	-0.001	96	254199	20.0	18.5	
102 Bromoform	173	11.222	11.222	0.000	96	70816	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	110867	20.0	21.3	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	387561	20.0	19.1	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	255566	50.0	51.2	
106 Bromobenzene	156	11.877	11.877	0.000	89	110139	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	97654	20.0	20.1	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	456056	20.0	19.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	29818	20.0	19.3	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	96	21656	20.0	21.8	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	298658	20.0	19.1	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	396018	20.0	20.0	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	94	296688	20.0	18.5	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	298378	20.0	19.0	
115 Butyl Methacrylate	87	12.391	12.391	0.000	85	102563	20.0	19.8	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	263797	20.0	19.0	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	97	303109	20.0	18.1	
118 sec-Butylbenzene	105	12.853	12.847	0.006	99	378832	20.0	19.3	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	189690	20.0	18.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	314074	20.0	18.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	300123	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	193565	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	98	321510	20.0	19.5	
124 Benzyl chloride	91	13.262	13.262	0.000	99	190189	20.0	20.6	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	319370	20.0	19.5	
127 p-Diethylbenzene	119	13.408	13.408	0.000	93	198656	20.0	19.8	
128 n-Butylbenzene	92	13.429	13.429	0.000	98	153021	20.0	18.8	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	97	170063	20.0	18.3	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	260482	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	19348	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	115553	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	86464	20.0	18.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	79	44420	20.0	19.3	
134 Naphthalene	128	15.091	15.092	-0.001	99	179373	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	96	63898	20.0	19.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.6	
S 137 Xylenes, Total	100				0		40.0	35.7	
S 140 Total BTEX	1				0		100.0	88.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GAS C SP_00538	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00158	Amount Added: 4.00	Units: uL		
7 Freons SS_00007	Amount Added: 20.00	Units: uL		
EthhexAcr_SS_00004	Amount Added: 20.00	Units: uL		
8260 SP_00171	Amount Added: 20.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 29-Oct-2023 09:39:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Environment Testing

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d

Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15

Lims ID: ICV

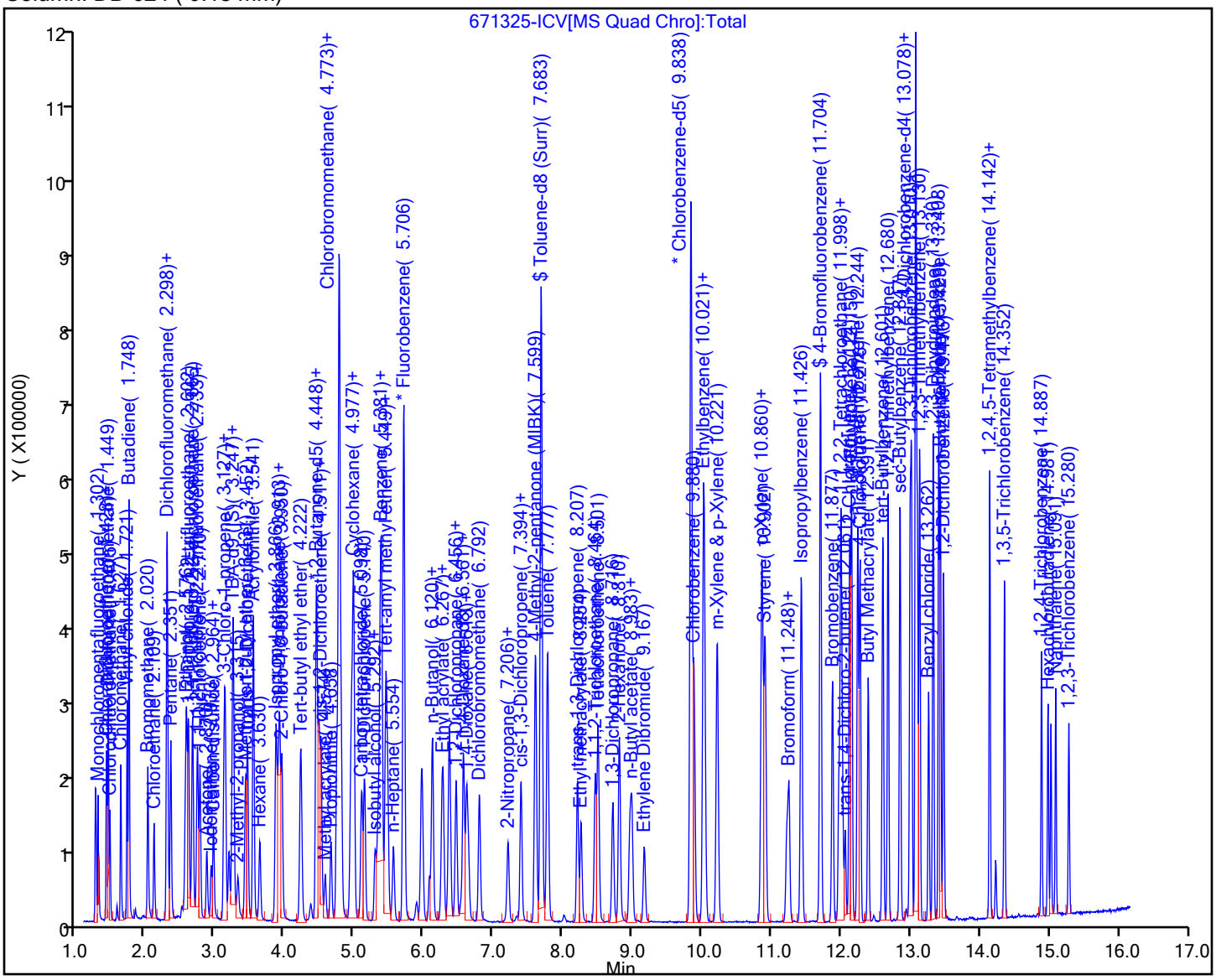
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Environment Testing

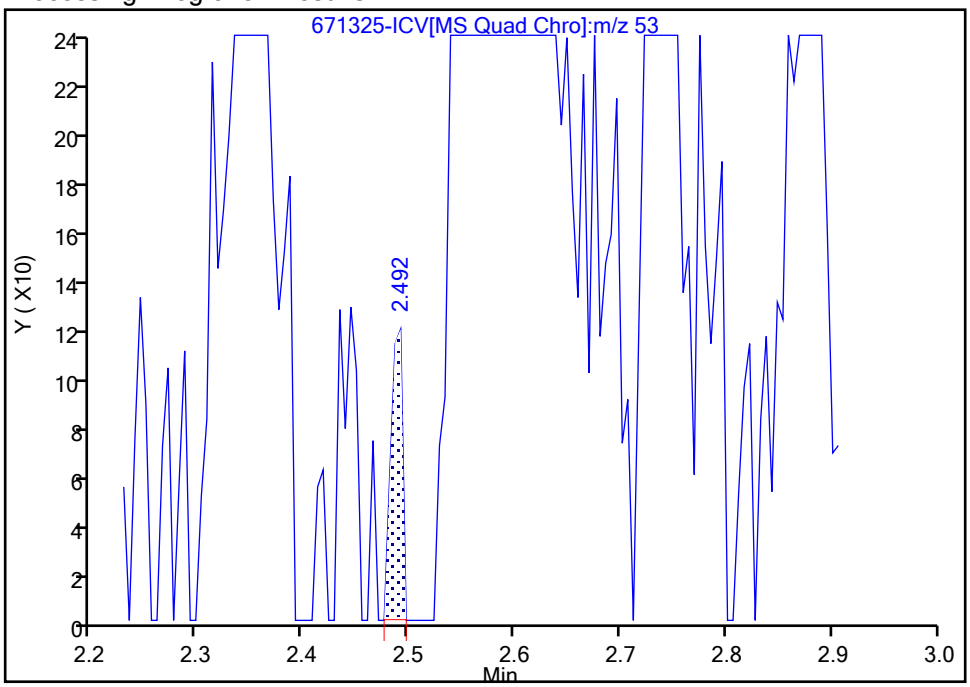
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

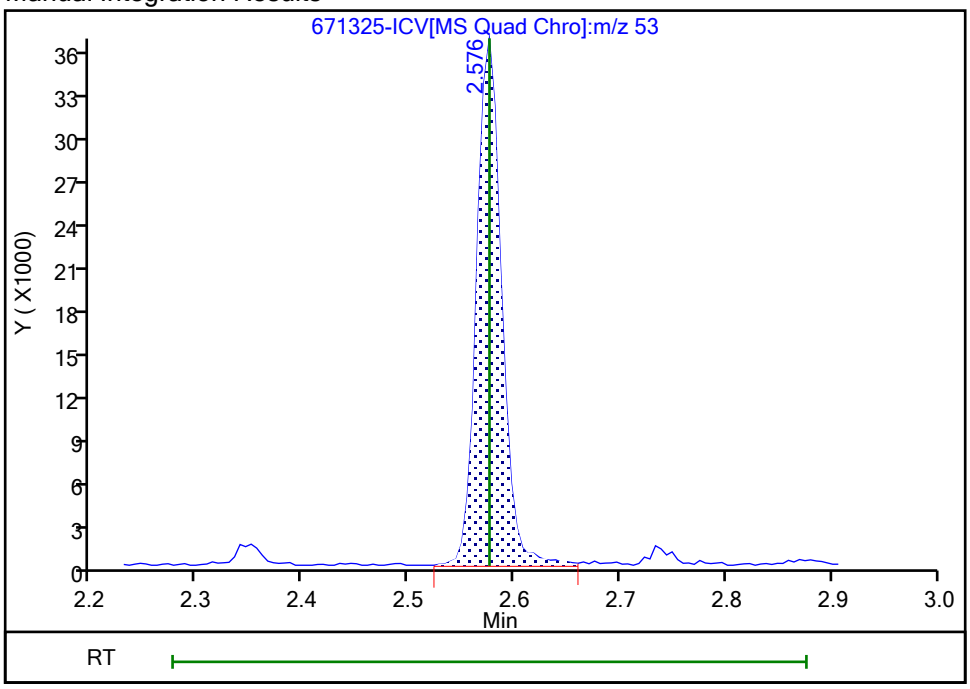
Processing Integration Results

RT: 2.49
Area: 92
Amount: 0.029368
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 59312
Amount: 19.612505
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:17:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

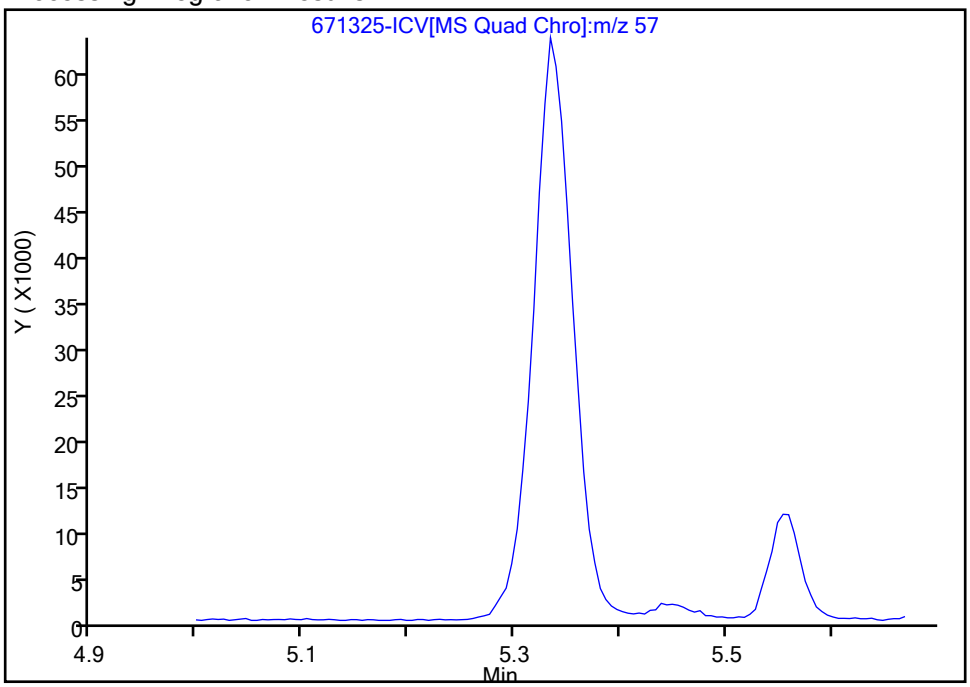
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

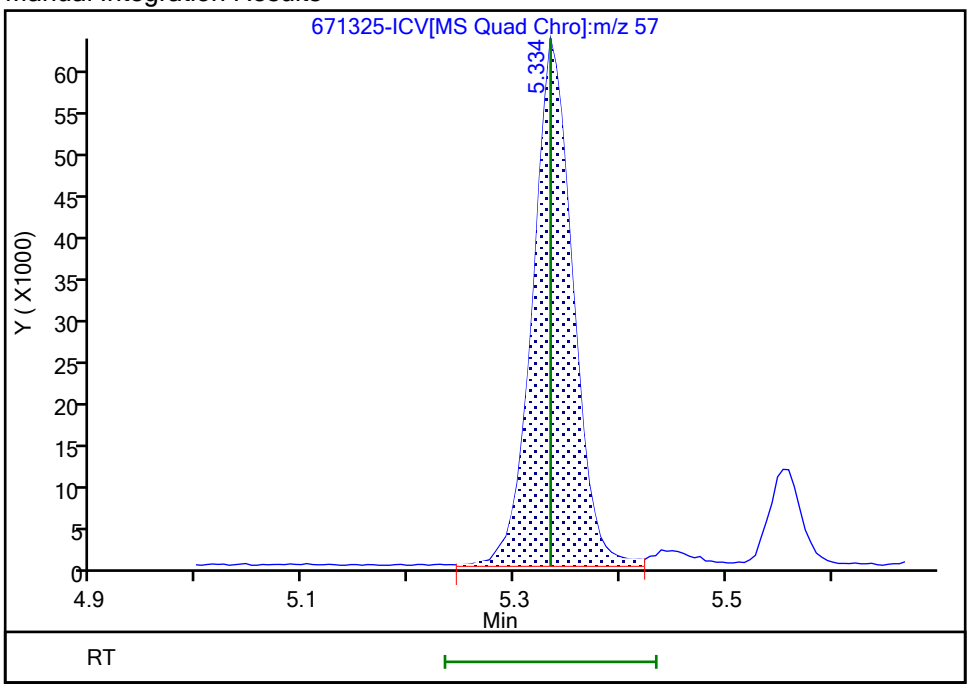
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 165997
Amount: 19.132563
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:19:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

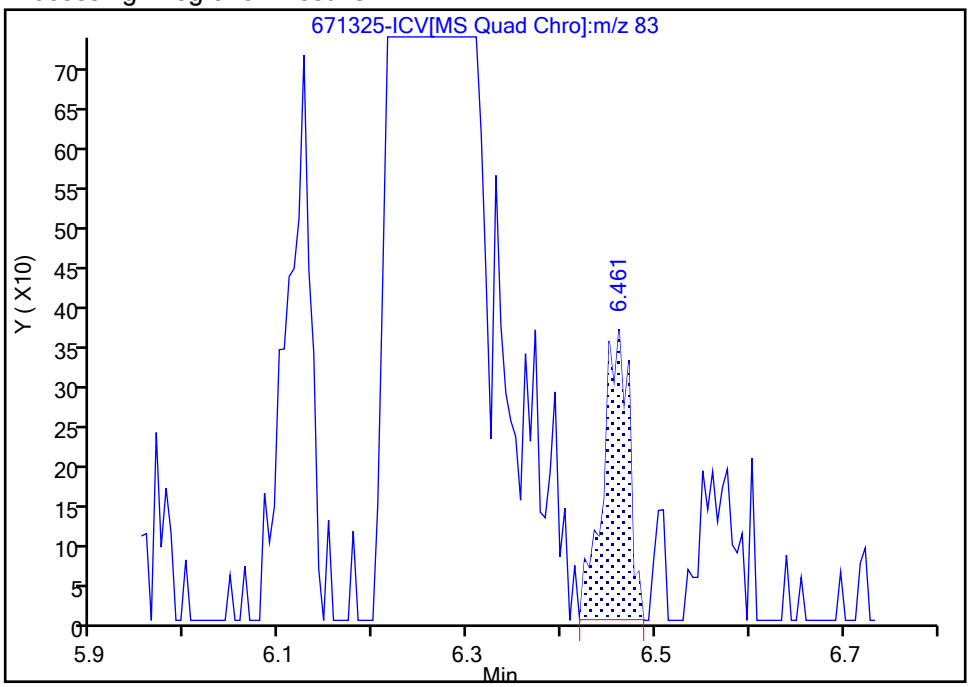
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

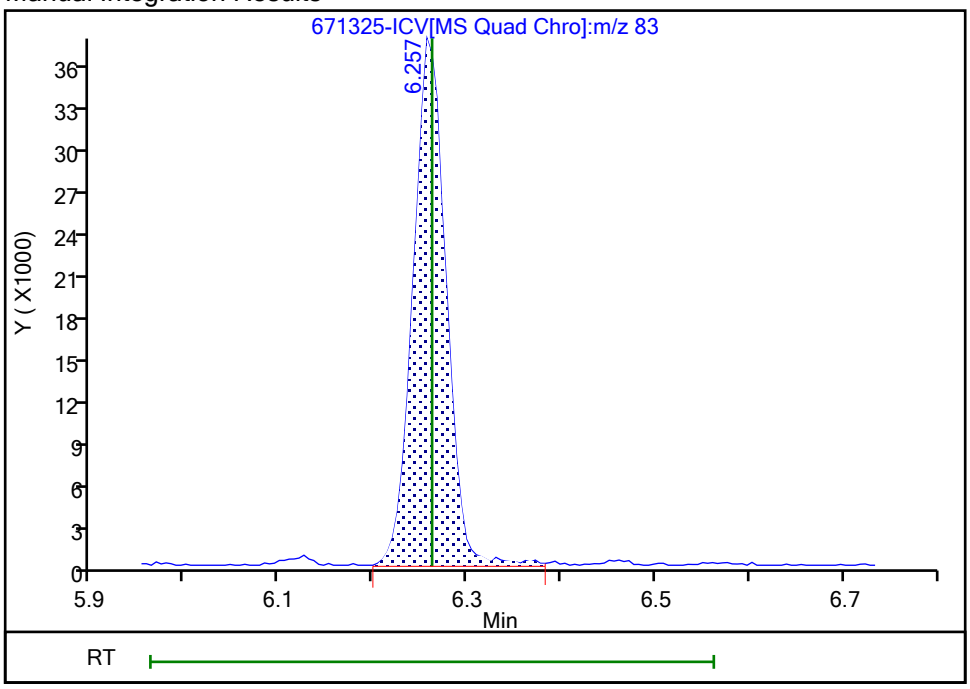
Processing Integration Results

RT: 6.46
Area: 700
Amount: 0.115251
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 90387
Amount: 15.539170
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:19:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
Monochloropentafluoroethane	QuaF		0.0202		23.6	20.0	17.9	20.0
Chlorotrifluoroethene	QuaF		0.0950		23.7	20.0	18.5	20.0
1,1-Difluoroethane	Ave	0.1460	0.1490		20.4	20.0	2.1	20.0
Dichlorodifluoromethane	Ave	0.4102	0.4185	0.1000	20.4	20.0	2.0	20.0
Chlorodifluoromethane	Ave	0.0579	0.0505		17.4	20.0	-12.9	20.0
Chloromethane	Ave	0.4003	0.4194	0.1000	21.0	20.0	4.8	20.0
Vinyl chloride	Ave	0.5068	0.5154	0.1000	20.3	20.0	1.7	20.0
Butadiene	Lin2		0.4896		21.4	20.0	7.2	20.0
Bromomethane	Ave	0.3164	0.3181	0.1000	20.1	20.0	0.5	50.0
Chloroethane	Ave	2.897	2.890	0.1000	20.0	20.0	-0.2	50.0
Dichlorofluoromethane	Ave	0.6895	0.6143		17.8	20.0	-10.9	20.0
Trichlorofluoromethane	Ave	0.5824	0.5274	0.1000	18.1	20.0	-9.4	20.0
Pentane	Ave	0.0375	0.0643		68.5	40.0	71.2*	20.0
Ethanol	Ave	0.4211	0.4934		937	800	17.2	50.0
Ethyl ether	Ave	0.2427	0.2245		18.5	20.0	-7.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2203	0.2549		23.1	20.0	15.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3220	0.2728		16.9	20.0	-15.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5071	0.4396		17.3	20.0	-13.3	20.0
Freon TF	Ave	0.3193	0.3044	0.1000	19.1	20.0	-4.7	20.0
Acrolein	Ave	0.0489	0.0417		34.1	40.0	-14.7	50.0
1,1-Dichloroethene	Ave	0.2765	0.3112	0.1000	22.5	20.0	12.5	20.0
Acetone	Ave	0.8181	0.7343	0.0500	89.8	100	-10.2	50.0
Iodomethane	Lin2		0.3703		18.5	20.0	-7.7	20.0
Carbon disulfide	Ave	0.5973	1.103	0.1000	36.9	20.0	84.7*	50.0
Isopropyl alcohol	Ave	4.786	4.863		203	200	1.6	50.0
3-Chloro-1-propene	Ave	0.1798	0.2040		22.7	20.0	13.4	20.0
Methyl acetate	Ave	0.1833	0.1643	0.1000	35.9	40.0	-10.4	20.0
Cyclopentene	Ave	0.4842	0.6745		27.9	20.0	39.3*	20.0
Acetonitrile	Ave	0.3320	0.3484		210	200	5.0	20.0
Methylene Chloride	Ave	0.3591	0.3667	0.1000	20.4	20.0	2.1	20.0
2-Methyl-2-propanol	Ave	8.593	7.205		168	200	-16.2	50.0
MTBE	Ave	0.8211	0.7310	0.1000	17.8	20.0	-11.0	20.0
trans-1,2-Dichloroethene	Ave	0.3254	0.3480	0.1000	21.4	20.0	6.9	20.0
Acrylonitrile	QuaF		0.1042		210	200	5.1	20.0
Hexane	Ave	0.2508	0.3920		31.3	20.0	56.3*	20.0
Isopropyl ether	Ave	0.8491	0.7255		17.1	20.0	-14.6	20.0
1,1-Dichloroethane	Ave	0.5631	0.5225	0.2000	18.6	20.0	-7.2	20.0
Vinyl acetate	Ave	0.6395	0.7497		46.9	40.0	17.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2783	0.2901		20.8	20.0	4.2	20.0
Tert-butyl ethyl ether	Ave	0.7998	0.6924		17.3	20.0	-13.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
2,2-Dichloropropane	Ave	0.1361	0.1230		18.1	20.0	-9.7	20.0
cis-1,2-Dichloroethene	Ave	0.4032	0.3936	0.1000	19.5	20.0	-2.4	20.0
2-Butanone	Ave	0.3787	0.3622	0.0500	95.6	100	-4.4	50.0
Ethyl acetate	Ave	0.3233	0.2792		34.5	40.0	-13.6	20.0
Methyl acrylate	Ave	0.2331	0.2181		18.7	20.0	-6.5	20.0
Propionitrile	Ave	0.0397	0.0391		197	200	-1.7	20.0
Tetrahydrofuran	Lin2		0.3911		39.6	40.0	-0.9	20.0
Chlorobromomethane	Ave	0.2066	0.1959		19.0	20.0	-5.2	20.0
Methacrylonitrile	Ave	0.1300	0.1224		188	200	-5.9	20.0
Chloroform	Ave	0.6314	0.5305	0.2000	16.8	20.0	-16.0	20.0
Cyclohexane	Ave	0.3948	0.4786	0.1000	24.2	20.0	21.2	50.0
1,1,1-Trichloroethane	Ave	0.5235	0.4613	0.1000	17.6	20.0	-11.9	20.0
Carbon tetrachloride	Ave	0.4733	0.4286	0.1000	18.1	20.0	-9.4	20.0
1,1-Dichloropropene	Ave	0.4117	0.4139		20.1	20.0	0.5	20.0
Isobutyl alcohol	Ave	4.467	2.614		293	500	-41.5	50.0
Isooctane	Ave	0.6320	0.6669		21.1	20.0	5.5	20.0
Benzene	Ave	1.505	1.670	0.5000	22.2	20.0	11.0	20.0
Isopropyl acetate	Ave	0.1495	0.1290		17.3	20.0	-13.7	20.0
Tert-amyl methyl ether	Ave	0.8376	0.7258		17.3	20.0	-13.3	20.0
1,2-Dichloroethane	Ave	0.3774	0.3155	0.1000	16.7	20.0	-16.4	20.0
n-Heptane	Ave	0.2041	0.2602		25.5	20.0	27.5*	20.0
n-Butanol	Ave	2.102	2.021		481	500	-3.8	50.0
Trichloroethene	Ave	0.3548	0.3302	0.2000	18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.4237	0.4859	0.1000	22.9	20.0	14.7	50.0
Ethyl acrylate	Ave	0.5895	0.5785		19.6	20.0	-1.9	20.0
1,2-Dichloropropane	Ave	0.3343	0.2956	0.1000	17.7	20.0	-11.6	20.0
Methyl methacrylate	Ave	0.0820	0.0725		35.4	40.0	-11.6	20.0
1,4-Dioxane	Ave	1.392	1.396		401	400	0.3	50.0
Dibromomethane	Ave	0.2339	0.1972		16.9	20.0	-15.7	20.0
n-Propyl acetate	Ave	0.3234	0.2884		17.8	20.0	-10.8	20.0
Bromodichloromethane	Ave	0.4727	0.3918	0.2000	16.6	20.0	-17.1	20.0
2-Nitropropane	Ave	0.0604	0.0493		32.6	40.0	-18.5	20.0
2-Chloroethyl vinyl ether	Ave	0.0415	0.0358		17.3	20.0	-13.9	20.0
Epichlorohydrin	QuaF		0.2491		368	400	-8.0	20.0
cis-1,3-Dichloropropene	Ave	0.6704	0.6299	0.2000	18.8	20.0	-6.0	50.0
4-Methyl-2-pentanone	Ave	2.300	2.003	0.0500	87.1	100	-12.9	50.0
Toluene	Ave	1.719	1.765	0.4000	20.5	20.0	2.7	20.0
trans-1,3-Dichloropropene	Ave	0.5817	0.5360	0.1000	18.4	20.0	-7.9	50.0
Ethyl methacrylate	Ave	0.4154	0.3919		18.9	20.0	-5.7	20.0
1,1,2-Trichloroethane	Ave	0.3185	0.2994	0.1000	18.8	20.0	-6.0	20.0
Tetrachloroethene	Ave	0.4918	0.5037	0.2000	20.5	20.0	2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
1,3-Dichloropropane	Ave	0.5862	0.5627		19.2	20.0	-4.0	20.0
2-Hexanone	Ave	1.607	1.394	0.0500	86.8	100	-13.2	50.0
n-Butyl acetate	Ave	0.4208	0.3863		18.4	20.0	-8.2	20.0
Dibromochloromethane	Ave	0.4690	0.4164	0.1000	17.8	20.0	-11.2	50.0
1,2-Dibromoethane	Ave	0.3917	0.3581	0.1000	18.3	20.0	-8.6	20.0
Chlorobenzene	Ave	1.180	1.159	0.5000	19.7	20.0	-1.7	20.0
Ethylbenzene	Ave	0.6321	0.6080	0.1000	19.2	20.0	-3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4711	0.4037		17.1	20.0	-14.3	20.0
m-Xylene & p-Xylene	Ave	0.7412	0.7525	0.1000	20.3	20.0	1.5	20.0
o-Xylene	Ave	0.7488	0.7240	0.3000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.2773	0.2560		18.5	20.0	-7.7	20.0
Styrene	Ave	1.232	1.207	0.3000	19.6	20.0	-2.0	20.0
Bromoform	Ave	0.3291	0.2912	0.1000	17.7	20.0	-11.5	20.0
Amyl acetate (mixed isomers)	Ave	0.8688	0.7987		18.4	20.0	-8.1	20.0
Isopropylbenzene	Ave	1.817	1.779	0.1000	19.6	20.0	-2.1	20.0
Bromobenzene	Ave	1.000	0.9673		19.3	20.0	-3.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8107	0.7359	0.3000	18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	3.961	3.933		19.9	20.0	-0.7	20.0
1,2,3-Trichloropropane	Ave	0.2569	0.2246		17.5	20.0	-12.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1656	0.1336		16.1	20.0	-19.3	20.0
2-Chlorotoluene	Ave	2.603	2.405		18.5	20.0	-7.6	20.0
4-Ethyltoluene	Ave	3.293	3.239		19.7	20.0	-1.6	20.0
1,3,5-Trimethylbenzene	Ave	2.668	2.550		19.1	20.0	-4.4	20.0
4-Chlorotoluene	Ave	2.618	2.382		18.2	20.0	-9.0	20.0
Butyl Methacrylate	Ave	0.8619	0.8057		18.7	20.0	-6.5	20.0
tert-Butylbenzene	Ave	2.314	2.211		19.1	20.0	-4.5	20.0
1,2,4-Trimethylbenzene	Ave	2.797	2.624		18.8	20.0	-6.2	20.0
sec-Butylbenzene	Ave	3.264	3.210		19.7	20.0	-1.7	20.0
1,3-Dichlorobenzene	Ave	1.751	1.648	0.6000	18.8	20.0	-5.9	20.0
4-Isopropyltoluene	Ave	2.821	2.775		19.7	20.0	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.758	1.655	0.5000	18.8	20.0	-5.9	20.0
1,2,3-Trimethylbenzene	Ave	2.753	2.587		18.8	20.0	-6.0	20.0
Benzyl chloride	Ave	1.539	1.443		18.8	20.0	-6.2	50.0
Indan	Ave	2.728	2.628		19.3	20.0	-3.7	20.0
p-Diethylbenzene	Ave	1.671	1.631		19.5	20.0	-2.4	20.0
n-Butylbenzene	Ave	1.357	1.286		19.0	20.0	-5.2	20.0
1,2-Dichlorobenzene	Ave	1.544	1.446	0.4000	18.7	20.0	-6.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.221	2.127		19.2	20.0	-4.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1778	0.1596	0.0500	18.0	20.0	-10.2	50.0
1,3,5-Trichlorobenzene	Ave	1.003	1.006		20.1	20.0	0.3	20.0
1,2,4-Trichlorobenzene	Ave	0.7713	0.7633	0.2000	19.8	20.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
Hexachlorobutadiene	Ave	0.3829	0.3779		19.7	20.0	-1.3	20.0
Naphthalene	Ave	1.521	1.597		21.0	20.0	5.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5538	0.5745		20.7	20.0	3.7	20.0
Dibromofluoromethane (Surr)	Ave	0.3071	0.2680		43.6	50.0	-12.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2695	0.2545		47.2	50.0	-5.6	20.0
Toluene-d8 (Surr)	Ave	1.249	1.298		52.0	50.0	4.0	20.0
Bromofluorobenzene	Ave	0.4469	0.4552		50.9	50.0	1.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671956.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2023 10:44:17 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0168581-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:55:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	83	5673	20.0	23.6	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	87	26684	20.0	23.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	41866	20.0	20.4	
4 Dichlorodifluoromethane	85	1.454	1.454	0.000	99	117592	20.0	20.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	14178	20.0	17.4	
6 Chloromethane	50	1.627	1.627	0.000	99	117841	20.0	21.0	
7 Vinyl chloride	62	1.722	1.722	0.000	99	144821	20.0	20.3	
8 Butadiene	54	1.748	1.748	0.000	90	137549	20.0	21.4	
9 Bromomethane	94	2.021	2.021	0.000	99	89371	20.0	20.1	
10 Chloroethane	64	2.110	2.110	0.000	99	73665	20.0	20.0	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	172585	20.0	17.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	87	148185	20.0	18.1	
13 Pentane	72	2.351	2.351	0.000	97	36119	40.0	68.5	
14 Ethanol	46	2.508	2.508	0.000	98	16669	800.0	937.2	
15 Ethyl ether	59	2.555	2.555	0.000	91	63067	20.0	18.5	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	93	71626	20.0	23.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.603	0.000	94	76650	20.0	16.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	96	123517	20.0	17.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	97	85521	20.0	19.1	
19 Acrolein	56	2.739	2.739	0.000	53	23416	40.0	34.1	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	93	87423	20.0	22.5	
22 Acetone	43	2.870	2.870	0.000	91	93572	100.0	89.8	
23 Iodomethane	142	2.933	2.933	0.000	98	104029	20.0	18.5	
25 Isopropyl alcohol	45	2.964	2.964	0.000	31	41073	200.0	203.2	
24 Carbon disulfide	76	2.964	2.964	0.000	98	310025	20.0	36.9	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	85	57315	20.0	22.7	
28 Methyl acetate	43	3.132	3.132	0.000	63	92321	40.0	35.9	
29 Cyclopentene	67	3.137	3.137	0.000	94	189501	20.0	27.9	
26 Acetonitrile	41	3.190	3.190	0.000	100	88795	200.0	209.9	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	96	42232	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	3.253	3.253	0.000	86	103019	20.0	20.4	
32 2-Methyl-2-propanol	59	3.321	3.321	0.000	98	60855	200.0	167.7	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	205377	20.0	17.8	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	89	97763	20.0	21.4	
33 Acrylonitrile	53	3.541	3.541	0.000	96	292792	200.0	210.3	
36 Hexane	57	3.635	3.635	0.000	88	110129	20.0	31.3	
40 Isopropyl ether	45	3.866	3.866	0.000	94	203834	20.0	17.1	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	99	146810	20.0	18.6	
38 Vinyl acetate	86	3.924	3.924	0.000	99	38211	40.0	46.9	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	86	81503	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	92	194552	20.0	17.3	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	318568	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	71	34555	20.0	18.1	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	92	110594	20.0	19.5	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	46151	100.0	95.6	
47 Ethyl acetate	70	4.511	4.511	0.000	96	14233	40.0	34.5	
48 Methyl acrylate	55	4.574	4.574	0.000	99	61272	20.0	18.7	
46 Propionitrile	54	4.653	4.653	0.000	99	109774	200.0	196.6	
51 Tetrahydrofuran	72	4.736	4.736	0.000	71	19933	40.0	39.6	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	55027	20.0	19.0	
50 Methacrylonitrile	67	4.773	4.773	0.000	85	343830	200.0	188.3	
52 Chloroform	83	4.805	4.805	0.000	99	149056	20.0	16.8	
55 Cyclohexane	84	4.941	4.941	0.000	84	134474	20.0	24.2	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	91	129605	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	188260	50.0	43.6	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	120423	20.0	18.1	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	95	116294	20.0	20.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	95	55187	500.0	292.5	
62 Isooctane	57	5.339	5.339	0.000	99	187372	20.0	21.1	a
60 Benzene	78	5.366	5.366	0.000	95	365202	20.0	22.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	94	178765	50.0	47.2	
64 Tert-amyl methyl ether	73	5.450	5.450	0.000	83	203912	20.0	17.3	
63 Isopropyl acetate	61	5.450	5.450	0.000	83	36247	20.0	17.3	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	89	88635	20.0	16.7	
66 n-Heptane	43	5.554	5.554	0.000	84	73105	20.0	25.5	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	702405	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	84	42676	500.0	480.8	
67 Trichloroethene	95	6.115	6.115	0.000	94	92771	20.0	18.6	
70 Methylcyclohexane	83	6.262	6.262	0.000	89	136516	20.0	22.9	
69 Ethyl acrylate	55	6.273	6.273	0.000	95	162539	20.0	19.6	
71 1,2-Dichloropropane	63	6.461	6.461	0.000	92	83044	20.0	17.7	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35780	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	79	40757	40.0	35.4	
74 1,4-Dioxane	88	6.603	6.603	0.000	42	19985	400.0	401.2	
72 Dibromomethane	93	6.614	6.614	0.000	92	55419	20.0	16.9	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	81027	20.0	17.8	
77 Dichlorobromomethane	83	6.792	6.792	0.000	94	110093	20.0	16.6	
78 2-Nitropropane	41	7.201	7.201	0.000	86	27678	40.0	32.6	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	80	10074	20.0	17.3	
80 Epichlorohydrin	57	7.327	7.327	0.000	98	126983	400.0	368.0	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	137714	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	255266	100.0	87.1	

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	7.683	7.683	0.000	98	709699	50.0	52.0	
84 Toluene	91	7.777	7.777	0.000	91	385934	20.0	20.5	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	91	117183	20.0	18.4	
86 Ethyl methacrylate	69	8.255	8.255	0.000	84	85682	20.0	18.9	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	96	65466	20.0	18.8	
88 Tetrachloroethene	166	8.501	8.501	0.000	98	110118	20.0	20.5	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	84	123018	20.0	19.2	
90 2-Hexanone	43	8.805	8.805	0.000	93	177692	100.0	86.8	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	84449	20.0	18.4	
91 Chlorodibromomethane	129	8.989	8.989	0.000	96	91042	20.0	17.8	
92 Ethylene Dibromide	107	9.167	9.167	0.000	96	78288	20.0	18.3	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	82	546566	50.0	50.0	
95 Chlorobenzene	112	9.885	9.885	0.000	99	253488	20.0	19.7	
97 Ethylbenzene	106	10.016	10.016	0.000	97	132934	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	46	88250	20.0	17.1	
98 m-Xylene & p-Xylene	106	10.216	10.216	0.000	95	164508	20.0	20.3	
99 o-Xylene	106	10.860	10.860	0.000	95	158278	20.0	19.3	
101 n-Butyl acrylate	73	10.876	10.876	0.000	87	55970	20.0	18.5	
100 Styrene	104	10.908	10.908	0.000	96	263832	20.0	19.6	
102 Bromoform	173	11.222	11.222	0.000	97	63673	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	90	93574	20.0	18.4	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	388860	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	94	248818	50.0	50.9	
106 Bromobenzene	156	11.883	11.883	0.000	80	113334	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	86222	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	460785	20.0	19.9	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	93	26320	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	91	15652	20.0	16.1	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	281721	20.0	18.5	
112 4-Ethyltoluene	105	12.150	12.150	0.000	97	379445	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	94	298793	20.0	19.1	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	279024	20.0	18.2	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	94401	20.0	18.7	
116 tert-Butylbenzene	119	12.601	12.601	0.000	91	259010	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	307427	20.0	18.8	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	376086	20.0	19.7	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	193029	20.0	18.8	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	325099	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	292906	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	193848	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	13.136	13.136	0.000	97	303125	20.0	18.8	
124 Benzyl chloride	91	13.262	13.262	0.000	99	169020	20.0	18.8	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	91	307954	20.0	19.3	
127 p-Diethylbenzene	119	13.409	13.409	0.000	96	191113	20.0	19.5	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	150657	20.0	19.0	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	169436	20.0	18.7	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	249261	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	84	18703	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	117907	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	92	89433	20.0	19.8	
133 Hexachlorobutadiene	225	14.982	14.982	0.000	80	44272	20.0	19.7	
134 Naphthalene	128	15.092	15.092	0.000	99	187082	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	95	67313	20.0	20.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	101.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 00:55:57 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671956.D

Injection Date: 08-Nov-2023 10:44:17 Instrument ID: CVOAMS15

Lims ID: CCVIS

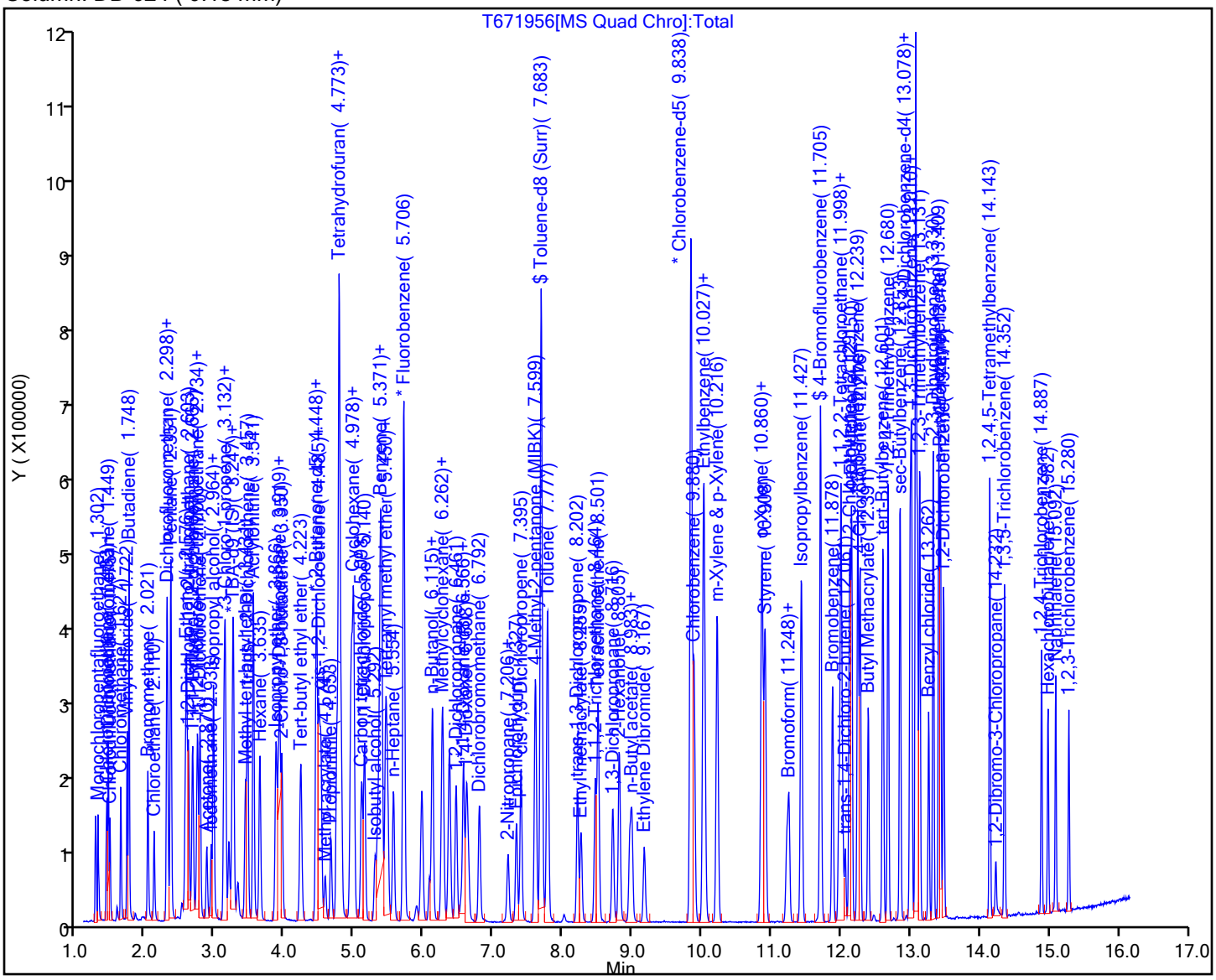
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

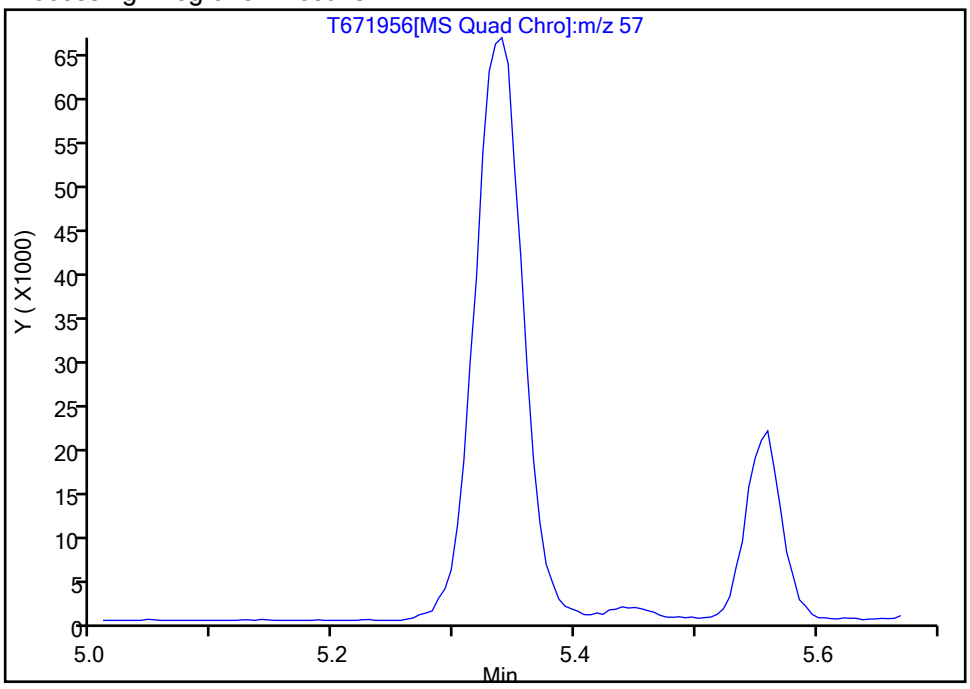
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Injection Date: 08-Nov-2023 10:44:17 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

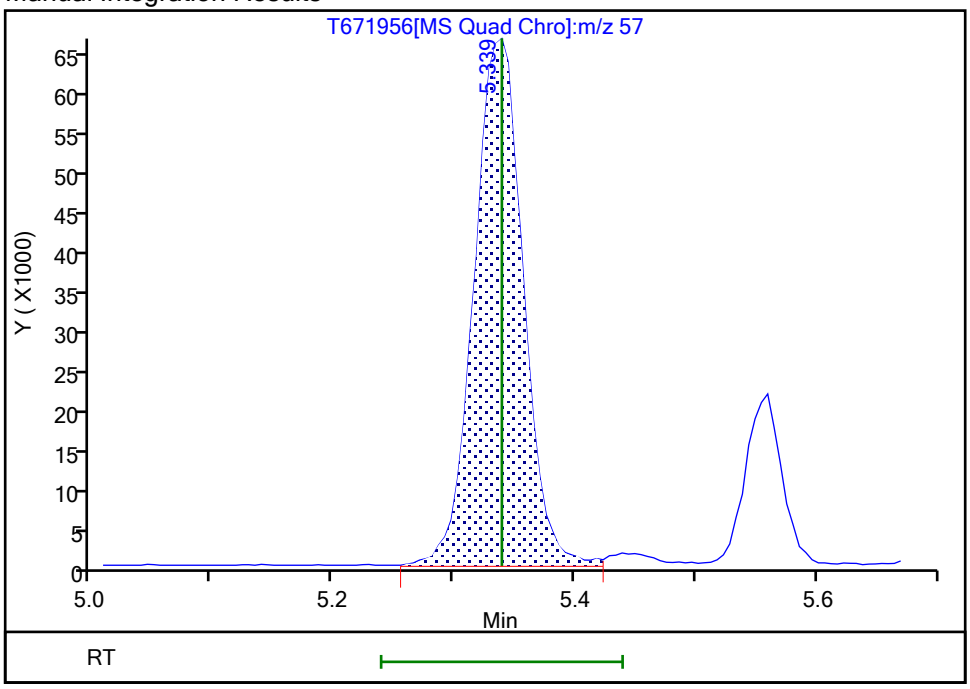
Not Detected
Expected RT: 5.34

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 187372
Amount: 21.105905
Amount Units: ug/l



Reviewer: K0HS, 08-Nov-2023 11:23:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	27-Oct-2023 10:37:20	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0167990-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	28-Oct-2023 10:49:27	Calib Date:	27-Oct-2023 14:48:16		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1610				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

Reagents:

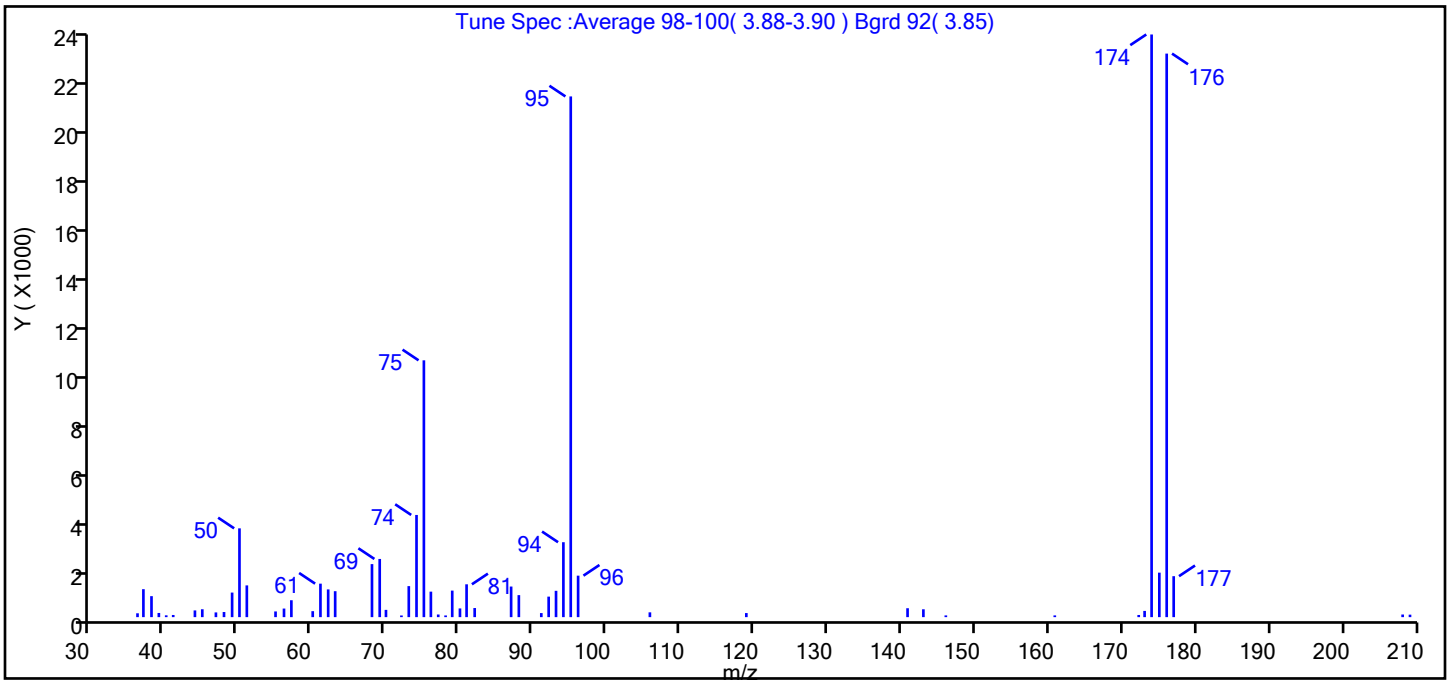
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D
Injection Date: 27-Oct-2023 10:37:20 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 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 (89.4)
96	5 to 9% of m/z 95	8.0
173	<2% of m/z 174	1.2 (1.1)
174	50 to 200% of m/z 95	111.9
175	5 to 9% of m/z 174	8.5 (7.6)
176	95 to 105% of m/z 174	108.2 (96.7)
177	5 to 10% of m/z 176	7.9 (7.3)

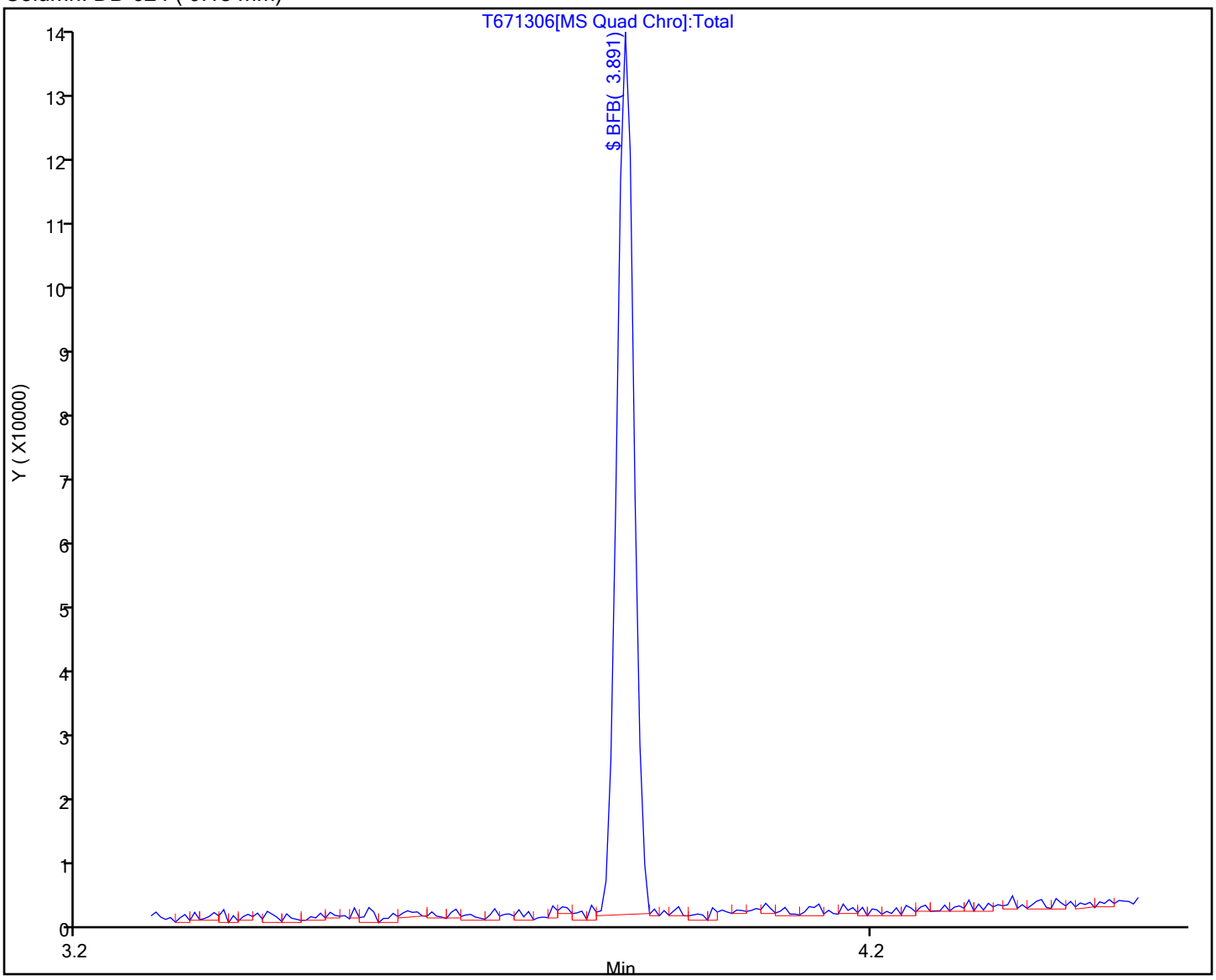
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D\8260W_15.rslt\spectra.d
Injection Date: 27-Oct-2023 10:37:20
Spectrum: Tune Spec :Average 98-100(3.88-3.90) Bgrd 92(3.85)
Base Peak: 173.95
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	155	56.00	345	77.00	106	106.00	193
37.00	1123	57.00	679	78.00	68	119.00	164
38.00	843	60.00	240	79.00	1066	141.00	358
39.00	168	61.00	1345	80.00	350	143.00	316
40.00	73	62.00	1114	81.00	1319	146.00	70
41.00	87	63.00	1042	82.00	366	161.00	70
44.00	270	68.00	2130	87.00	1229	172.00	87
45.00	317	69.00	2337	88.00	884	173.00	250
47.00	190	70.00	292	91.00	163	174.00	23400
48.00	206	72.00	67	92.00	824	175.00	1787
49.00	987	73.00	1246	93.00	1057	176.00	22632
50.00	3566	74.00	4104	94.00	3009	177.00	1645
51.00	1275	75.00	10314	95.00	20912	208.00	106
55.00	229	76.00	1024	96.00	1666	209.00	100

Report Date: 28-Oct-2023 10:49:27 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D
Injection Date: 27-Oct-2023 10:37:20 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-943343/9

Matrix: Water | Lab File ID: T671961.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 12:37

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-943343/9

Matrix: Water | Lab File ID: T671961.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 12:37

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	89		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2023 12:37:19 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0168581-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:05:31 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:59:07

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	3.237	3.242	-0.005	92	38869	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	57	296973	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	201210	50.0	43.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	97	179870	50.0	44.6	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	747741	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	36941	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	760520	50.0	52.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	80	581554	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	95	262394	50.0	50.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	312829	50.0	50.0	

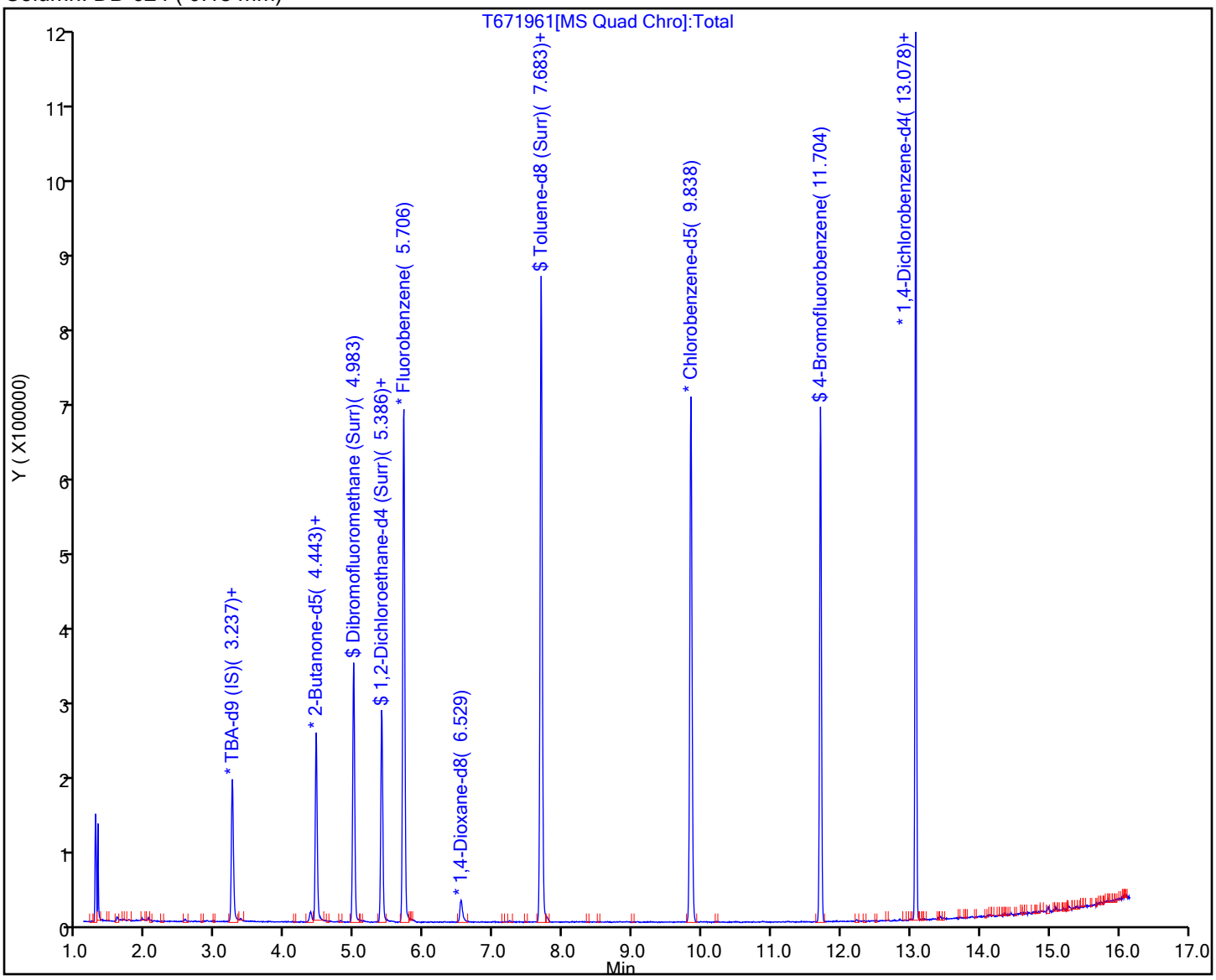
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:34:26 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Injection Date: 08-Nov-2023 12:37:19 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2023 12:37:19 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0168581-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:05:31 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:59:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.8	87.63
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.6	89.26
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.70
$ 105 4-Bromofluorobenzene	50.0	50.5	100.96

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-943343/5

Matrix: Water | Lab File ID: T671957.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 11:06

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.20
75-34-3	1,1-Dichloroethane	18.4		1.0	0.26
75-35-4	1,1-Dichloroethene	22.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.38
106-93-4	1,2-Dibromoethane	17.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.21
107-06-2	1,2-Dichloroethane	16.6		1.0	0.43
78-87-5	1,2-Dichloropropane	17.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
78-93-3	2-Butanone	94.2		5.0	1.9
591-78-6	2-Hexanone	85.3		5.0	1.1
108-10-1	4-Methyl-2-pentanone	86.7		5.0	1.3
67-64-1	Acetone	84.7		5.0	4.4
71-43-2	Benzene	21.9		1.0	0.20
75-27-4	Bromodichloromethane	15.9		1.0	0.34
75-25-2	Bromoform	17.8		1.0	0.54
74-83-9	Bromomethane	21.0		1.0	0.55
75-15-0	Carbon disulfide	36.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
108-90-7	Chlorobenzene	19.8		1.0	0.38
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	16.7		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
110-82-7	Cyclohexane	24.8		1.0	0.32
124-48-1	Dibromochloromethane	18.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.31
100-41-4	Ethylbenzene	19.5		1.0	0.30
76-13-1	Freon TF	19.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-943343/5

Matrix: Water | Lab File ID: T671957.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 11:06

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	19.6		1.0	0.34
108-87-2	Methylcyclohexane	23.8		1.0	0.71
75-09-2	Methylene Chloride	20.4		1.0	0.32
1634-04-4	MTBE	17.3		1.0	0.22
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	20.8		1.0	0.25
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	18.3		1.0	0.31
75-69-4	Trichlorofluoromethane	18.2		1.0	0.32
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	39.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2023 11:06:53 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0168581-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:56:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	89	5987	20.0	23.7	
3 Chlorotrifluoroethene	116	1.417	1.423	-0.006	93	30383	20.0	25.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	45126	20.0	20.9	
4 Dichlorodifluoromethane	85	1.449	1.454	-0.005	99	125710	20.0	20.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15582	20.0	18.2	
6 Chloromethane	50	1.627	1.627	0.000	99	124796	20.0	21.1	
7 Vinyl chloride	62	1.721	1.722	-0.001	98	150111	20.0	20.1	
8 Butadiene	54	1.748	1.748	0.000	92	143001	20.0	21.2	
9 Bromomethane	94	2.020	2.021	-0.001	99	98159	20.0	21.0	
10 Chloroethane	64	2.109	2.110	-0.001	98	78519	20.0	20.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	180614	20.0	17.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	92	156436	20.0	18.2	
13 Pentane	72	2.351	2.351	0.000	97	39119	40.0	70.6	
14 Ethanol	46	2.508	2.508	0.000	98	15782	800.0	887.6	
15 Ethyl ether	59	2.555	2.555	0.000	96	64719	20.0	18.1	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	76091	20.0	23.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	83	81650	20.0	17.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	97	131476	20.0	17.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	92868	20.0	19.7	
19 Acrolein	56	2.739	2.739	0.000	54	24196	40.0	33.6	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	94	92966	20.0	22.8	
22 Acetone	43	2.864	2.870	-0.006	92	91908	100.0	84.7	
23 Iodomethane	142	2.927	2.933	-0.006	98	110779	20.0	18.7	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	31	39319	200.0	194.6	
24 Carbon disulfide	76	2.964	2.964	0.000	98	320920	20.0	36.4	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	84	60047	20.0	22.6	
28 Methyl acetate	43	3.127	3.132	-0.005	74	93879	40.0	34.7	
29 Cyclopentene	67	3.132	3.137	-0.005	92	202793	20.0	28.4	
26 Acetonitrile	41	3.190	3.190	0.000	99	88692	200.0	201.3	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	96	42220	1000.0	1000.0	
30 Methylene Chloride	84	3.252	3.253	-0.001	85	107918	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
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	61895	200.0	170.6	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	209308	20.0	17.3	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	87	103835	20.0	21.6	
33 Acrylonitrile	53	3.536	3.541	-0.005	95	299256	200.0	204.6	
36 Hexane	57	3.630	3.635	-0.005	87	117487	20.0	31.7	
40 Isopropyl ether	45	3.866	3.866	0.000	95	215277	20.0	17.2	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	152639	20.0	18.4	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	39691	40.0	46.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	83	88360	20.0	21.5	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	91	206025	20.0	17.5	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	331775	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	72	35734	20.0	17.8	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	85	113971	20.0	19.2	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	47361	100.0	94.2	
47 Ethyl acetate	70	4.516	4.511	0.005	97	14696	40.0	34.3	
48 Methyl acrylate	55	4.574	4.574	0.000	99	64101	20.0	18.6	
46 Propionitrile	54	4.658	4.653	0.005	100	113531	200.0	193.6	
51 Tetrahydrofuran	72	4.742	4.736	0.006	71	19853	40.0	37.8	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	57889	20.0	19.0	
50 Methacrylonitrile	67	4.773	4.773	0.000	85	347956	200.0	181.4	
52 Chloroform	83	4.804	4.805	-0.001	93	155929	20.0	16.7	
55 Cyclohexane	84	4.946	4.941	0.005	85	144281	20.0	24.8	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	137645	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	98	193305	50.0	42.7	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	128251	20.0	18.4	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	96	121136	20.0	19.9	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	94	62330	500.0	330.5	
62 Isooctane	57	5.334	5.339	-0.005	99	204799	20.0	22.0	
60 Benzene	78	5.365	5.366	-0.001	95	373754	20.0	21.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	94	182498	50.0	45.9	
64 Tert-amyl methyl ether	73	5.449	5.450	-0.001	83	212698	20.0	17.2	
63 Isopropyl acetate	61	5.449	5.450	-0.001	81	37326	20.0	16.9	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	90	92197	20.0	16.6	
66 n-Heptane	43	5.554	5.554	0.000	86	78163	20.0	25.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	737848	50.0	50.0	
68 n-Butanol	56	6.068	6.073	-0.005	80	40961	500.0	461.6	
67 Trichloroethene	95	6.115	6.115	0.000	95	95659	20.0	18.3	
70 Methylcyclohexane	83	6.257	6.262	-0.005	93	148807	20.0	23.8	a
69 Ethyl acrylate	55	6.273	6.273	-0.001	96	173943	20.0	20.0	
71 1,2-Dichloropropane	63	6.461	6.461	0.000	92	87669	20.0	17.8	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	36542	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	79	41914	40.0	34.6	
74 1,4-Dioxane	88	6.598	6.603	-0.005	43	19183	400.0	377.0	
72 Dibromomethane	93	6.608	6.614	-0.006	90	56760	20.0	16.4	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	77623	20.0	16.3	
77 Dichlorobromomethane	83	6.792	6.792	0.000	95	110885	20.0	15.9	
78 2-Nitropropane	41	7.195	7.201	-0.006	90	27672	40.0	31.0	
79 2-Chloroethyl vinyl ether	106	7.216	7.211	0.005	86	9556	20.0	15.6	
80 Epichlorohydrin	57	7.326	7.327	-0.001	98	127878	400.0	355.9	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	87	148936	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	93	264740	100.0	86.7	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	744847	50.0	52.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.772	7.777	-0.005	92	406416	20.0	20.8	
85 trans-1,3-Dichloropropene	75	8.207	8.202	0.005	93	122793	20.0	18.6	
86 Ethyl methacrylate	69	8.260	8.255	0.005	83	88870	20.0	18.8	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	94	67270	20.0	18.6	
88 Tetrachloroethene	166	8.501	8.501	0.000	97	116436	20.0	20.8	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	86	126694	20.0	19.0	
90 2-Hexanone	43	8.805	8.805	0.000	93	181887	100.0	85.3	
93 n-Butyl acetate	43	8.957	8.957	0.000	97	87369	20.0	18.3	
91 Chlorodibromomethane	129	8.983	8.989	-0.006	96	96239	20.0	18.1	
92 Ethylene Dibromide	107	9.167	9.167	0.000	100	79663	20.0	17.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	567840	50.0	50.0	
95 Chlorobenzene	112	9.880	9.885	-0.005	98	265076	20.0	19.8	
97 Ethylbenzene	106	10.021	10.016	0.005	97	140326	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	56	92467	20.0	17.3	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	89	172383	20.0	20.5	
99 o-Xylene	106	10.860	10.860	0.000	95	164434	20.0	19.3	
101 n-Butyl acrylate	73	10.876	10.876	0.000	86	56376	20.0	17.9	
100 Styrene	104	10.907	10.908	-0.001	97	275200	20.0	19.7	
102 Bromoform	173	11.222	11.222	0.000	96	66376	20.0	17.8	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	93711	20.0	17.9	
104 Isopropylbenzene	105	11.426	11.432	-0.006	95	404914	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	11.710	11.705	0.005	94	254356	50.0	50.1	
106 Bromobenzene	156	11.877	11.883	-0.006	83	116100	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	88719	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	476437	20.0	20.0	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	93	27040	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	15693	20.0	15.7	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	291893	20.0	18.6	
112 4-Ethyltoluene	105	12.155	12.150	0.005	98	389828	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	93	310248	20.0	19.3	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	290340	20.0	18.4	
115 Butyl Methacrylate	87	12.391	12.391	0.000	83	96401	20.0	18.6	
116 tert-Butylbenzene	119	12.601	12.601	0.000	94	272147	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	317935	20.0	18.9	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	391085	20.0	19.9	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	198895	20.0	18.8	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	333330	20.0	19.6	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	301346	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	199429	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.006	98	310013	20.0	18.7	
124 Benzyl chloride	91	13.262	13.262	0.000	100	171985	20.0	18.5	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	90	317729	20.0	19.3	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	96	195462	20.0	19.4	
128 n-Butylbenzene	92	13.429	13.430	-0.001	96	154725	20.0	18.9	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	173492	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	96	253331	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	85	18416	20.0	17.2	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	117901	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	90223	20.0	19.4	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	80	45452	20.0	19.7	
134 Naphthalene	128	15.091	15.092	-0.001	99	185768	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	67431	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	102.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 00:56:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D

Injection Date: 08-Nov-2023 11:06:53 Instrument ID: CVOAMS15

Lims ID: LCS

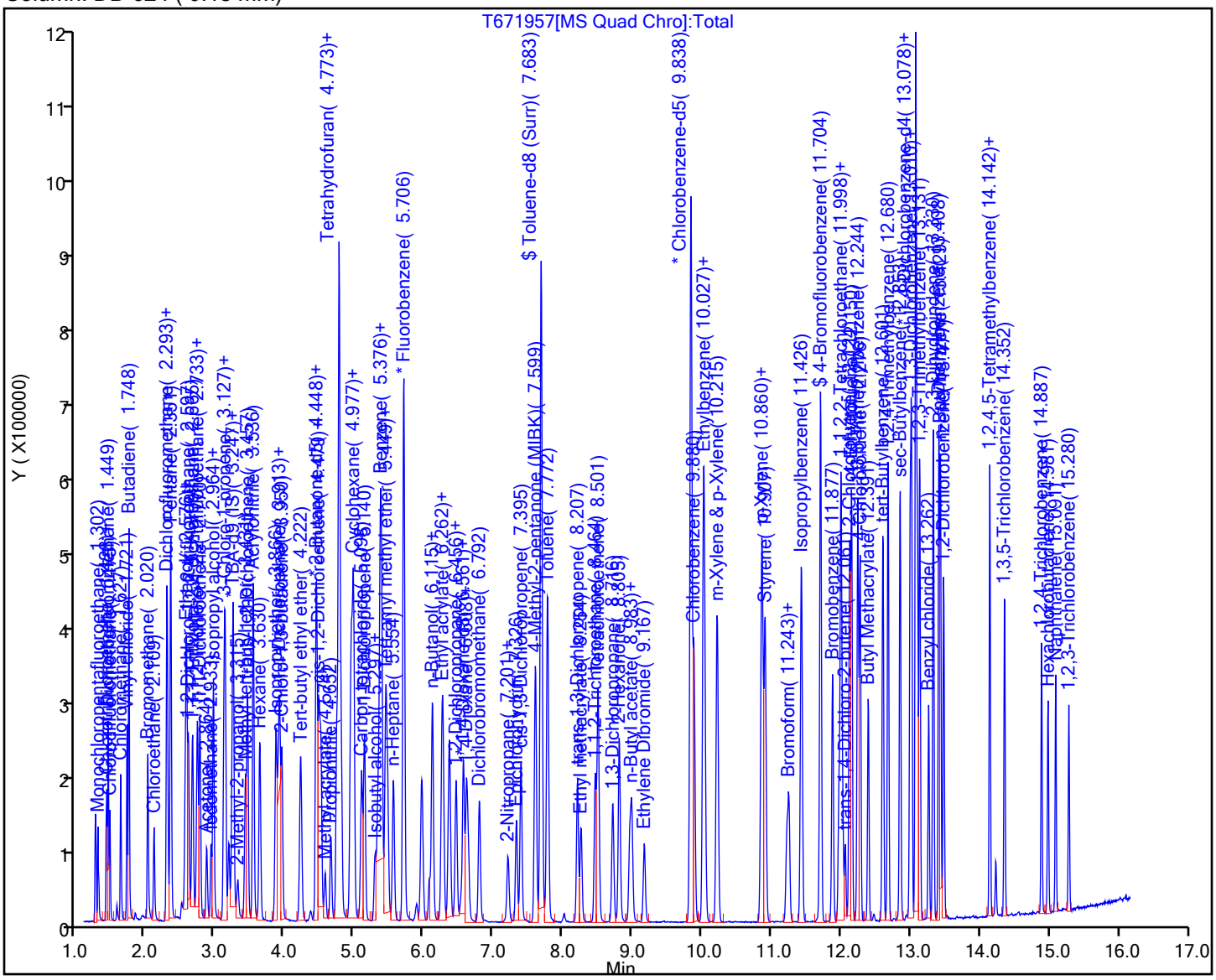
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2023 11:06:53 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0168581-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:56:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.7	85.31
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.77
$ 83 Toluene-d8 (Surr)	50.0	52.5	105.02
$ 105 4-Bromofluorobenzene	50.0	50.1	100.23

Manual Integration/User Assign Peak Report

Eurofins Edison

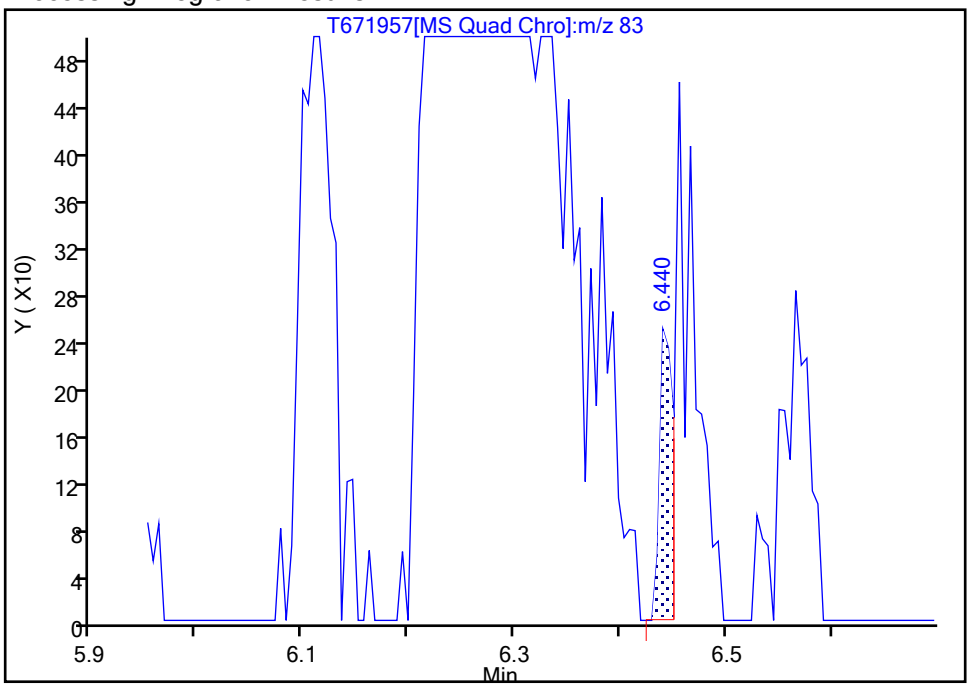
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Injection Date: 08-Nov-2023 11:06:53 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

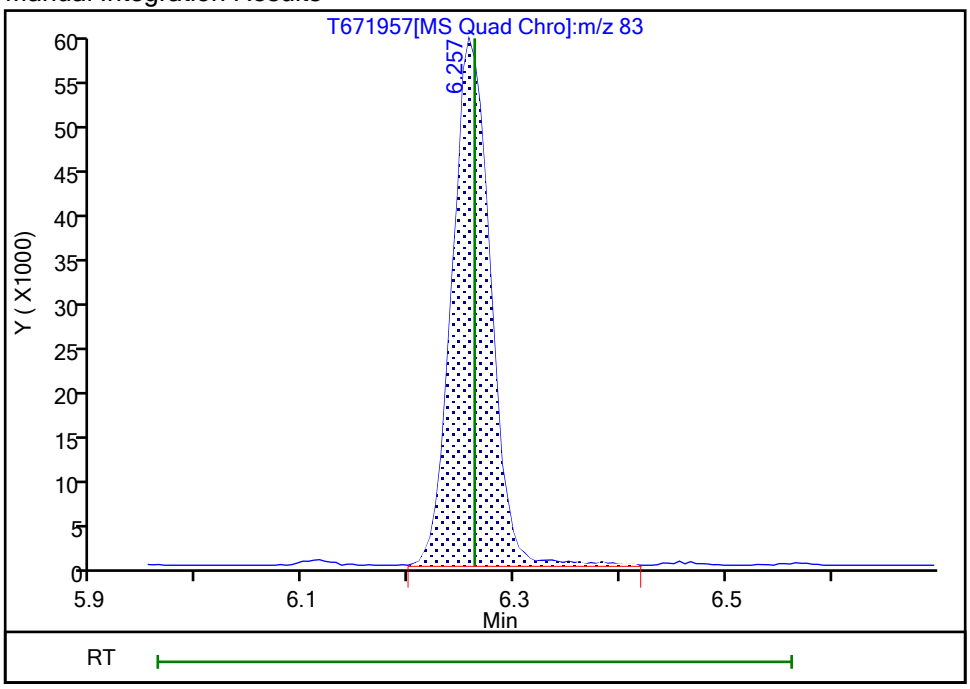
Processing Integration Results

RT: 6.44
Area: 225
Amount: 0.035987
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 148807
Amount: 23.800840
Amount Units: ug/l



Reviewer: K0HS, 08-Nov-2023 11:25:21 -05:00:00 (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.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MS | Lab Sample ID: 460-292076-1 MS

Matrix: Water | Lab File ID: T671967.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 14:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	23.9		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	18.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
106-93-4	1,2-Dibromoethane	18.0		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.21
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
78-93-3	2-Butanone	97.4		5.0	1.9
591-78-6	2-Hexanone	90.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone	93.6		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	27.8		1.0	0.20
75-27-4	Bromodichloromethane	16.6		1.0	0.34
75-25-2	Bromoform	17.0		1.0	0.54
74-83-9	Bromomethane	17.1		1.0	0.55
75-15-0	Carbon disulfide	37.9		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	24.5		1.0	0.32
67-66-3	Chloroform	17.1		1.0	0.33
74-87-3	Chloromethane	21.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.22
110-82-7	Cyclohexane	46.3		1.0	0.32
124-48-1	Dibromochloromethane	17.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.31
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	20.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MS | Lab Sample ID: 460-292076-1 MS

Matrix: Water | Lab File ID: T671967.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 14:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	33.0		1.0	0.34
108-87-2	Methylcyclohexane	30.0		1.0	0.71
75-09-2	Methylene Chloride	24.7		1.0	0.32
1634-04-4	MTBE	18.0		1.0	0.22
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
79-01-6	Trichloroethene	76.0		1.0	0.31
75-69-4	Trichlorofluoromethane	18.6		1.0	0.32
75-01-4	Vinyl chloride	20.5		1.0	0.17
1330-20-7	Xylenes, Total	41.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D
Lims ID: 460-292076-C-1 MS
Client ID: NL-MW-3_20231107
Sample Type: MS
Inject. Date: 08-Nov-2023 14:53:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MS
Misc. Info.: 460-0168581-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	27	6220	20.0	24.1	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	86	30305	20.0	25.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	45689	20.0	20.8	
4 Dichlorodifluoromethane	85	1.449	1.454	-0.005	100	128716	20.0	20.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15978	20.0	18.3	
6 Chloromethane	50	1.627	1.627	0.000	99	130322	20.0	21.6	
7 Vinyl chloride	62	1.722	1.722	0.000	98	156694	20.0	20.5	
8 Butadiene	54	1.748	1.748	0.000	90	144316	20.0	20.9	
9 Bromomethane	94	2.020	2.021	-0.001	98	81542	20.0	17.1	
10 Chloroethane	64	2.110	2.110	0.000	96	83266	20.0	24.5	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	188585	20.0	18.1	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	99	163527	20.0	18.6	
13 Pentane	72	2.351	2.351	0.000	97	42232	40.0	74.6	
14 Ethanol	46	2.508	2.508	0.000	98	15997	800.0	914.6	
15 Ethyl ether	59	2.555	2.555	0.000	91	69013	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	78531	20.0	23.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	92	88287	20.0	18.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	96	136591	20.0	17.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	95	97952	20.0	20.4	
19 Acrolein	56	2.734	2.739	-0.005	56	39817	40.0	54.0	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	94	99675	20.0	23.9	
22 Acetone	43	2.870	2.870	0.000	92	83603	100.0	87.0	
23 Iodomethane	142	2.928	2.933	-0.005	97	101427	20.0	16.8	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	32	40039	200.0	201.4	
24 Carbon disulfide	76	2.964	2.964	0.000	98	341389	20.0	37.9	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	89	64270	20.0	23.7	
28 Methyl acetate	43	3.127	3.132	-0.005	89	349265	40.0	126.4	
29 Cyclopentene	67	3.137	3.137	0.000	88	217439	20.0	29.8	
26 Acetonitrile	41	3.190	3.190	0.000	98	61600	200.0	157.9	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	93	41533	1000.0	1000.0	
30 Methylene Chloride	84	3.253	3.253	0.000	83	133571	20.0	24.7	

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	3.316	3.321	-0.005	99	62740	200.0	175.8	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	97	222347	20.0	18.0	a
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	76	107776	20.0	22.0	
33 Acrylonitrile	53	3.536	3.541	-0.005	97	283589	200.0	189.9	
36 Hexane	57	3.635	3.635	0.000	86	111585	20.0	29.5	
40 Isopropyl ether	45	3.866	3.866	0.000	94	219358	20.0	17.1	
37 1,1-Dichloroethane	63	3.903	3.898	0.005	94	153068	20.0	18.0	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	39904	40.0	53.1	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	87	89068	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.217	4.223	-0.006	92	211912	20.0	17.6	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	91	293810	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	77	38229	20.0	18.6	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	91	126418	20.0	20.8	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	43357	100.0	97.4	
47 Ethyl acetate	70	4.516	4.511	0.005	97	17748	40.0	46.7	
48 Methyl acrylate	55	4.574	4.574	0.000	98	62896	20.0	17.9	
46 Propionitrile	54	4.653	4.653	-0.001	98	110914	200.0	185.1	
51 Tetrahydrofuran	72	4.742	4.736	0.006	68	20240	40.0	43.8	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	59617	20.0	19.1	
50 Methacrylonitrile	67	4.773	4.773	0.000	83	375681	200.0	191.7	
52 Chloroform	83	4.805	4.805	0.000	99	162989	20.0	17.1	
55 Cyclohexane	84	4.946	4.941	0.005	88	275841	20.0	46.3	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	85	139784	20.0	17.7	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	195289	50.0	42.2	
56 Carbon tetrachloride	117	5.098	5.098	0.000	89	130916	20.0	18.3	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	92	123477	20.0	19.9	
59 Isobutyl alcohol	43	5.292	5.292	0.000	91	77148	500.0	415.8	
62 Isooctane	57	5.339	5.339	0.000	90	213807	20.0	22.4	
60 Benzene	78	5.366	5.366	0.000	95	489365	20.0	27.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	90	184022	50.0	45.3	
64 Tert-amyl methyl ether	73	5.444	5.450	-0.006	83	218545	20.0	17.3	
63 Isopropyl acetate	61	5.455	5.450	0.005	78	38611	20.0	17.1	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	94	93769	20.0	16.5	
66 n-Heptane	43	5.560	5.554	0.006	83	71261	20.0	23.2	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	753843	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	57	37763	500.0	432.6	
67 Trichloroethene	95	6.115	6.115	0.000	94	406455	20.0	76.0	
70 Methylcyclohexane	83	6.257	6.262	-0.005	93	191780	20.0	30.0	
69 Ethyl acrylate	55	6.267	6.273	-0.006	93	226154	20.0	25.4	
71 1,2-Dichloropropane	63	6.456	6.461	-0.005	93	88309	20.0	17.5	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	2	35992	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	76	43789	40.0	35.4	
74 1,4-Dioxane	88	6.592	6.603	-0.011	53	18487	400.0	368.9	
72 Dibromomethane	93	6.608	6.614	-0.006	90	58082	20.0	16.5	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	76731	20.0	15.7	
77 Dichlorobromomethane	83	6.792	6.792	0.000	94	118587	20.0	16.6	
78 2-Nitropropane	41	7.195	7.201	-0.006	94	35604	40.0	39.1	
80 Epichlorohydrin	57	7.327	7.327	-0.001	98	116899	400.0	367.4	
81 cis-1,3-Dichloropropene	75	7.389	7.395	-0.006	87	147402	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	252923	100.0	93.6	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	760028	50.0	52.0	
84 Toluene	91	7.777	7.777	0.000	91	427485	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
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	90	123279	20.0	18.1	
86 Ethyl methacrylate	69	8.260	8.255	0.005	85	94733	20.0	19.5	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	96	69710	20.0	18.7	
88 Tetrachloroethene	166	8.501	8.501	0.000	96	122696	20.0	21.3	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	87	130231	20.0	19.0	
90 2-Hexanone	43	8.810	8.805	0.005	91	170784	100.0	90.4	
93 n-Butyl acetate	43	8.957	8.957	0.000	96	85136	20.0	17.3	
91 Chlorodibromomethane	129	8.983	8.989	-0.006	96	97623	20.0	17.8	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	82359	20.0	18.0	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	585039	50.0	50.0	
95 Chlorobenzene	112	9.880	9.885	-0.005	99	277767	20.0	20.1	
97 Ethylbenzene	106	10.016	10.016	0.000	97	156058	20.0	21.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	48	98502	20.0	17.9	
98 m-Xylene & p-Xylene	106	10.215	10.216	-0.001	95	182740	20.0	21.1	
99 o-Xylene	106	10.855	10.860	-0.005	96	174715	20.0	19.9	
101 n-Butyl acrylate	73	10.876	10.876	0.000	86	58250	20.0	18.0	
100 Styrene	104	10.908	10.908	0.000	97	284761	20.0	19.8	
102 Bromoform	173	11.222	11.222	0.000	97	65398	20.0	17.0	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	92	92857	20.0	16.9	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	702545	20.0	33.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	94	266739	50.0	51.0	
106 Bromobenzene	156	11.878	11.883	-0.005	80	126381	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	88185	20.0	17.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	597185	20.0	23.9	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	27096	20.0	16.7	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	91	15405	20.0	14.7	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	299113	20.0	18.2	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	412969	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	319498	20.0	19.0	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	298126	20.0	18.0	
115 Butyl Methacrylate	87	12.391	12.391	0.000	82	102822	20.0	18.9	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	306623	20.0	21.0	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	333829	20.0	18.9	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	507576	20.0	24.6	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	210138	20.0	19.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	342138	20.0	19.2	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	315598	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	213448	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.005	97	340114	20.0	19.6	
124 Benzyl chloride	91	13.262	13.262	0.000	100	166000	20.0	17.1	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	89	362217	20.0	21.0	
127 p-Diethylbenzene	119	13.409	13.409	-0.001	96	215859	20.0	20.5	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	158395	20.0	18.5	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	99	184415	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	267633	20.0	19.1	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	85	18085	20.0	16.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	120839	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	91011	20.0	18.7	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	82	46686	20.0	19.3	
134 Naphthalene	128	15.092	15.092	0.000	99	177428	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	96	65376	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	

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	41.0	
S 140 Total BTEX	1				0		100.0	111.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 01:01:08 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D

Injection Date: 08-Nov-2023 14:53:01 Instrument ID: CVOAMS15

Lims ID: 460-292076-C-1 MS

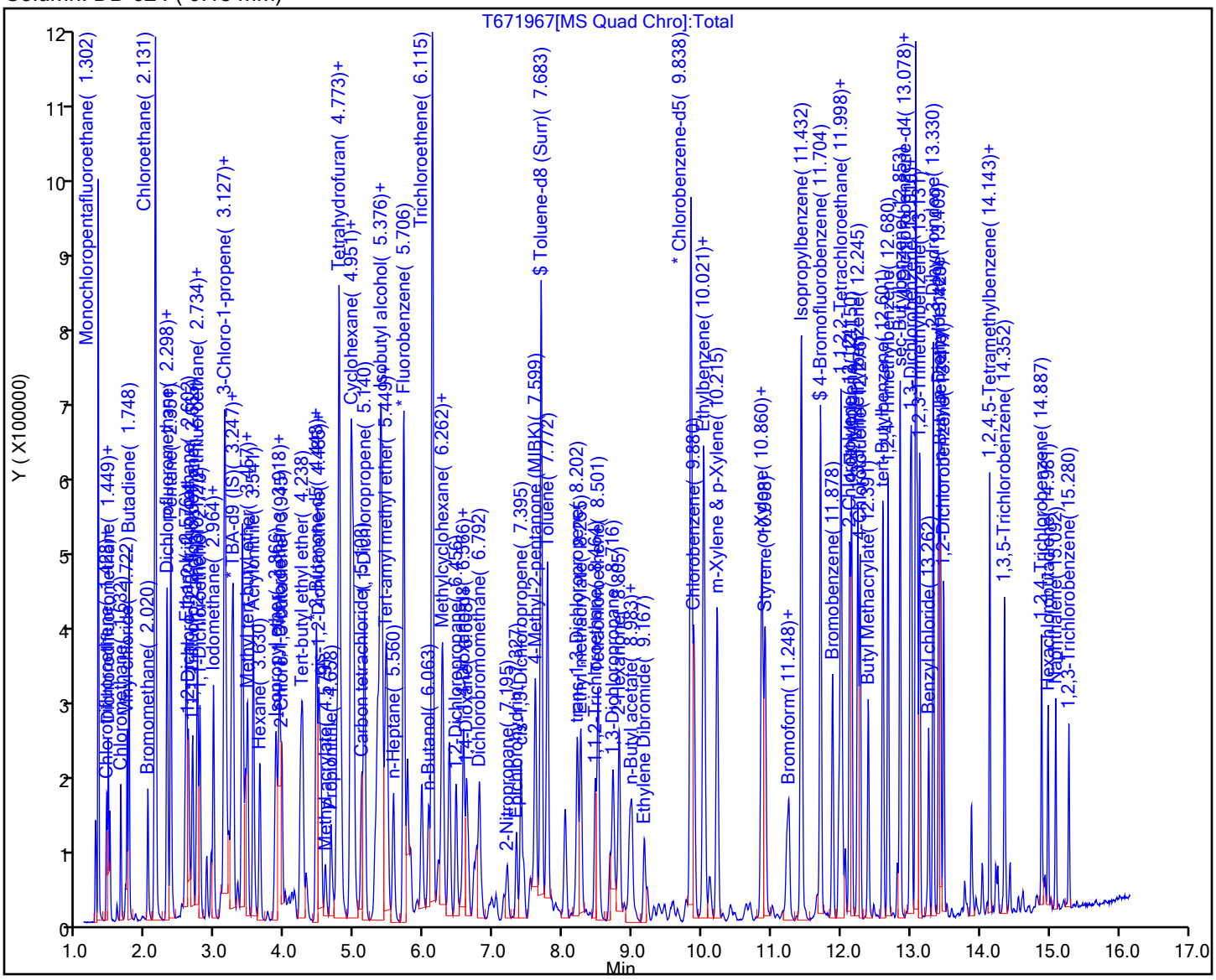
Client ID: NL-MW-3_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D
Lims ID: 460-292076-C-1 MS
Client ID: NL-MW-3_20231107
Sample Type: MS
Inject. Date: 08-Nov-2023 14:53:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MS
Misc. Info.: 460-0168581-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.2	84.36
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.58
$ 83 Toluene-d8 (Surr)	50.0	52.0	104.01
$ 105 4-Bromofluorobenzene	50.0	51.0	102.02

Manual Integration/User Assign Peak Report

Eurofins Edison

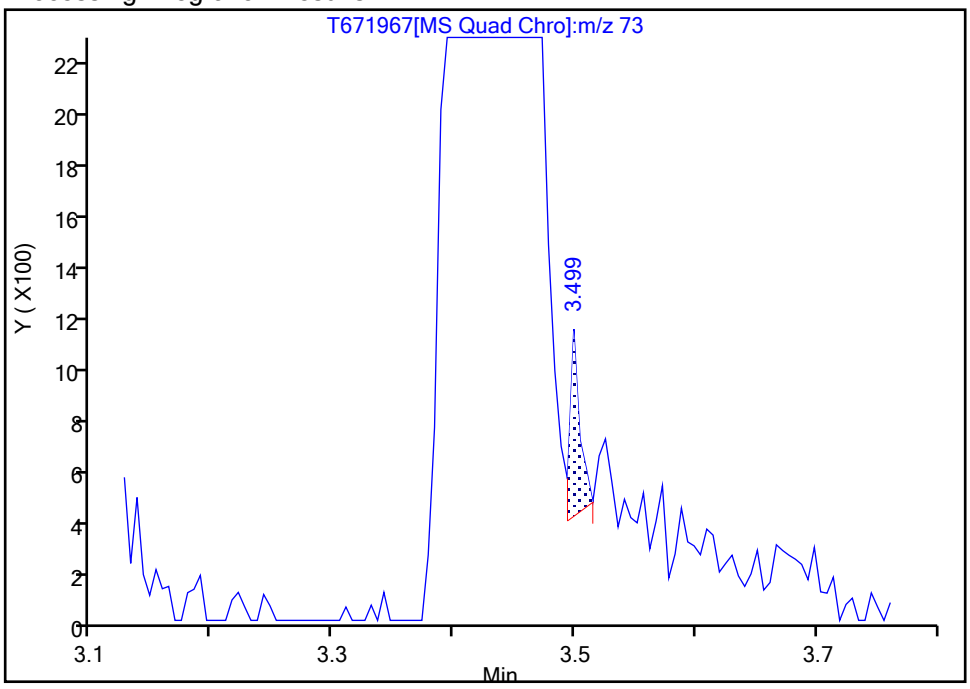
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D				
Injection Date:	08-Nov-2023 14:53:01	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1 MS				
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

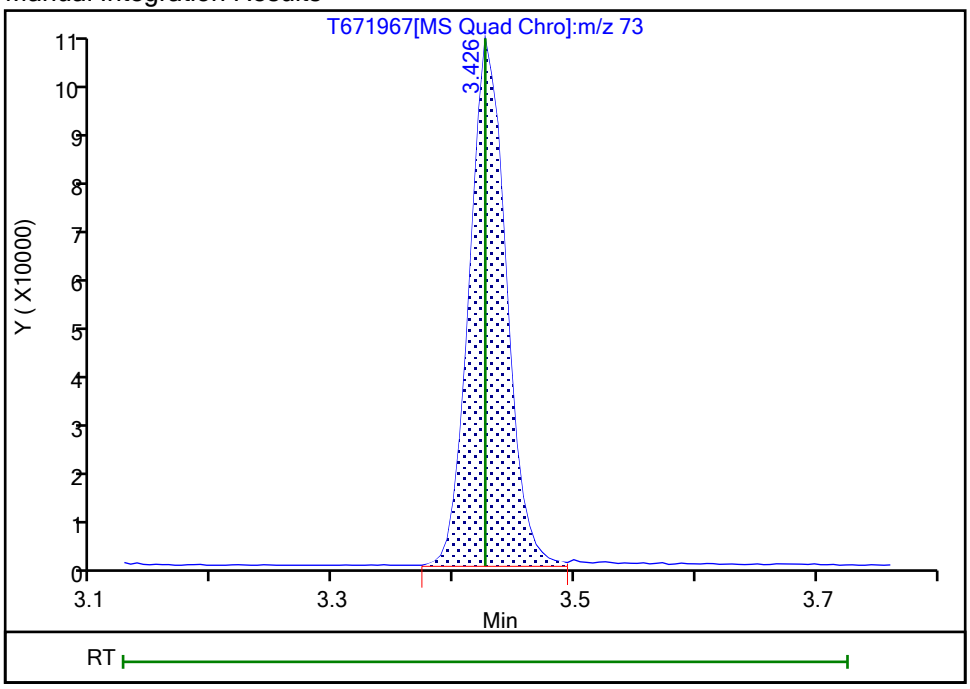
Processing Integration Results

RT: 3.50
Area: 403
Amount: 0.032554
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 222347
Amount: 17.960794
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:00:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MSD | Lab Sample ID: 460-292076-1 MSD

Matrix: Water | Lab File ID: T671968.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 15:15

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	24.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.0	0.38
106-93-4	1,2-Dibromoethane	17.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.21
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.33
78-93-3	2-Butanone	99.1		5.0	1.9
591-78-6	2-Hexanone	88.9		5.0	1.1
108-10-1	4-Methyl-2-pentanone	92.2		5.0	1.3
67-64-1	Acetone	88.4		5.0	4.4
71-43-2	Benzene	27.7		1.0	0.20
75-27-4	Bromodichloromethane	16.3		1.0	0.34
75-25-2	Bromoform	16.9		1.0	0.54
74-83-9	Bromomethane	18.5		1.0	0.55
75-15-0	Carbon disulfide	38.5		1.0	0.82
56-23-5	Carbon tetrachloride	18.5		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	23.0		1.0	0.32
67-66-3	Chloroform	17.5		1.0	0.33
74-87-3	Chloromethane	20.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.22
110-82-7	Cyclohexane	45.0		1.0	0.32
124-48-1	Dibromochloromethane	17.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	19.6		1.0	0.31
100-41-4	Ethylbenzene	20.9		1.0	0.30
76-13-1	Freon TF	20.5		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MSD | Lab Sample ID: 460-292076-1 MSD

Matrix: Water | Lab File ID: T671968.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 15:15

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	32.4		1.0	0.34
108-87-2	Methylcyclohexane	30.2		1.0	0.71
75-09-2	Methylene Chloride	24.9		1.0	0.32
1634-04-4	MTBE	18.6		1.0	0.22
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.22
79-01-6	Trichloroethene	77.5		1.0	0.31
75-69-4	Trichlorofluoromethane	18.8		1.0	0.32
75-01-4	Vinyl chloride	19.8		1.0	0.17
1330-20-7	Xylenes, Total	40.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D
Lims ID: 460-292076-C-1 MSD
Client ID: NL-MW-3_20231107
Sample Type: MSD
Inject. Date: 08-Nov-2023 15:15:35 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MSD
Misc. Info.: 460-0168581-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	27	5934	20.0	23.2	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	87	28362	20.0	23.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	42967	20.0	19.7	
4 Dichlorodifluoromethane	85	1.454	1.454	0.000	99	120048	20.0	19.6	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	14584	20.0	16.9	
6 Chloromethane	50	1.632	1.627	0.005	88	124266	20.0	20.8	
7 Vinyl chloride	62	1.722	1.722	0.000	99	149323	20.0	19.8	
8 Butadiene	54	1.748	1.748	0.000	91	139436	20.0	20.5	
9 Bromomethane	94	2.020	2.021	-0.001	98	87413	20.0	18.5	
10 Chloroethane	64	2.110	2.110	0.000	97	82491	20.0	23.0	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	89	186417	20.0	18.1	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	98	162785	20.0	18.8	
13 Pentane	72	2.351	2.351	0.000	97	41944	40.0	75.0	
14 Ethanol	46	2.508	2.508	0.000	99	16969	800.0	929.8	
15 Ethyl ether	59	2.555	2.555	0.000	90	70231	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	78518	20.0	23.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	93	89357	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	88	139264	20.0	18.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	97417	20.0	20.5	
19 Acrolein	56	2.739	2.739	0.000	57	40568	40.0	55.7	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	92	101031	20.0	24.5	
22 Acetone	43	2.870	2.870	0.000	90	89559	100.0	88.4	
23 Iodomethane	142	2.933	2.933	0.000	99	110271	20.0	18.5	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	32	43333	200.0	208.9	
24 Carbon disulfide	76	2.964	2.964	0.000	98	342871	20.0	38.5	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	89	62904	20.0	23.5	
28 Methyl acetate	43	3.127	3.132	-0.005	88	353250	40.0	129.3	
29 Cyclopentene	67	3.137	3.137	0.000	88	220030	20.0	30.5	
26 Acetonitrile	41	3.184	3.190	-0.006	98	60004	200.0	146.0	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	93	43333	1000.0	1000.0	
30 Methylene Chloride	84	3.253	3.253	0.000	85	133473	20.0	24.9	

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	3.310	3.321	-0.011	98	66786	200.0	179.3	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	97	228245	20.0	18.6	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	87	107439	20.0	22.2	
33 Acrylonitrile	53	3.541	3.541	0.000	97	293740	200.0	198.9	
36 Hexane	57	3.635	3.635	0.000	89	111985	20.0	30.0	
40 Isopropyl ether	45	3.866	3.866	0.000	94	218912	20.0	17.3	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	151083	20.0	18.0	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	41472	40.0	52.4	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	84	88103	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.217	4.223	-0.006	91	211314	20.0	17.7	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	309501	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	72	35909	20.0	17.7	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	92	127017	20.0	21.1	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	46439	100.0	99.1	
47 Ethyl acetate	70	4.516	4.511	0.005	97	16388	40.0	40.9	
48 Methyl acrylate	55	4.574	4.574	0.000	99	62791	20.0	18.1	
46 Propionitrile	54	4.658	4.653	0.005	97	115536	200.0	195.0	
51 Tetrahydrofuran	72	4.742	4.736	0.006	72	21019	40.0	43.1	
49 Chlorobromomethane	128	4.742	4.742	0.000	75	58010	20.0	18.8	
50 Methacrylonitrile	67	4.773	4.773	0.000	84	380767	200.0	196.5	
52 Chloroform	83	4.805	4.805	-0.001	99	164727	20.0	17.5	
55 Cyclohexane	84	4.946	4.941	0.005	89	265021	20.0	45.0	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	82	138794	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	192262	50.0	42.0	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	130353	20.0	18.5	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	93	121755	20.0	19.8	
59 Isobutyl alcohol	43	5.292	5.292	0.000	91	87714	500.0	453.1	
62 Isooctane	57	5.334	5.339	-0.005	87	214359	20.0	22.8	
60 Benzene	78	5.366	5.366	0.000	95	484183	20.0	27.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	91	187352	50.0	46.6	
64 Tert-amyl methyl ether	73	5.449	5.450	-0.001	83	219116	20.0	17.6	
63 Isopropyl acetate	61	5.444	5.450	-0.006	80	36829	20.0	16.5	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	95	92998	20.0	16.5	
66 n-Heptane	43	5.560	5.554	0.006	87	72787	20.0	23.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	745265	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	58	40495	500.0	444.6	
67 Trichloroethene	95	6.115	6.115	0.000	94	409796	20.0	77.5	
70 Methylcyclohexane	83	6.257	6.262	-0.005	94	190440	20.0	30.2	
69 Ethyl acrylate	55	6.267	6.273	-0.006	93	225745	20.0	25.7	
71 1,2-Dichloropropane	63	6.456	6.461	-0.005	92	85568	20.0	17.2	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	3	36450	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	77	43032	40.0	35.2	
74 1,4-Dioxane	88	6.592	6.603	-0.011	54	19715	400.0	388.5	
72 Dibromomethane	93	6.608	6.614	-0.006	88	57961	20.0	16.6	
76 n-Propyl acetate	43	6.640	6.634	0.006	96	78427	20.0	16.3	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	114639	20.0	16.3	
78 2-Nitropropane	41	7.195	7.201	-0.006	93	36699	40.0	40.8	
80 Epichlorohydrin	57	7.326	7.327	-0.001	99	119007	400.0	355.0	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	145318	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	262527	100.0	92.2	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	746701	50.0	51.5	
84 Toluene	91	7.777	7.777	0.000	92	419351	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 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	91	119454	20.0	17.7	
86 Ethyl methacrylate	69	8.254	8.255	-0.001	81	93296	20.0	19.3	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	68507	20.0	18.5	
88 Tetrachloroethene	166	8.506	8.501	0.005	96	121427	20.0	21.3	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	88	128403	20.0	18.9	
90 2-Hexanone	43	8.805	8.805	0.000	92	176944	100.0	88.9	
93 n-Butyl acetate	43	8.957	8.957	0.000	96	87790	20.0	18.0	
91 Chlorodibromomethane	129	8.989	8.989	-0.001	96	95035	20.0	17.4	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	81593	20.0	17.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	580833	50.0	50.0	
95 Chlorobenzene	112	9.885	9.885	0.000	99	275543	20.0	20.1	
97 Ethylbenzene	106	10.021	10.016	0.005	97	153459	20.0	20.9	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	55	94981	20.0	17.4	
98 m-Xylene & p-Xylene	106	10.215	10.216	-0.001	95	177623	20.0	20.6	
99 o-Xylene	106	10.860	10.860	0.000	96	170538	20.0	19.6	
101 n-Butyl acrylate	73	10.871	10.876	-0.005	70	57457	20.0	17.8	
100 Styrene	104	10.907	10.908	-0.001	97	276971	20.0	19.4	
102 Bromoform	173	11.222	11.222	0.000	96	64520	20.0	16.9	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	92572	20.0	17.3	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	684735	20.0	32.4	
$ 105 4-Bromofluorobenzene	174	11.710	11.705	0.005	94	257779	50.0	49.7	
106 Bromobenzene	156	11.877	11.883	-0.006	82	121576	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	90954	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	589232	20.0	24.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	27106	20.0	17.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	15157	20.0	14.9	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	296265	20.0	18.5	
112 4-Ethyltoluene	105	12.155	12.150	0.005	99	403045	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	313713	20.0	19.1	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	291327	20.0	18.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	83	98328	20.0	18.5	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	297879	20.0	20.9	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	322287	20.0	18.7	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	495403	20.0	24.7	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	203541	20.0	18.9	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	336253	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	307506	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	98	205114	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.005	98	334397	20.0	19.7	
124 Benzyl chloride	91	13.262	13.262	0.000	99	165859	20.0	17.5	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	93	353543	20.0	21.1	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	96	211456	20.0	20.6	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	157067	20.0	18.8	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	180017	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	98	262731	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.232	-0.006	88	19177	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	95	122007	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	92523	20.0	19.5	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	81	44463	20.0	18.9	
134 Naphthalene	128	15.091	15.092	-0.001	99	186508	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	68803	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.3	

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	40.2	
S 140 Total BTEX	1				0		100.0	109.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.3	

QC Flag Legend

Processing Flags

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 01:01:53 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D

Injection Date: 08-Nov-2023 15:15:35 Instrument ID: CVOAMS15

Lims ID: 460-292076-C-1 MSD

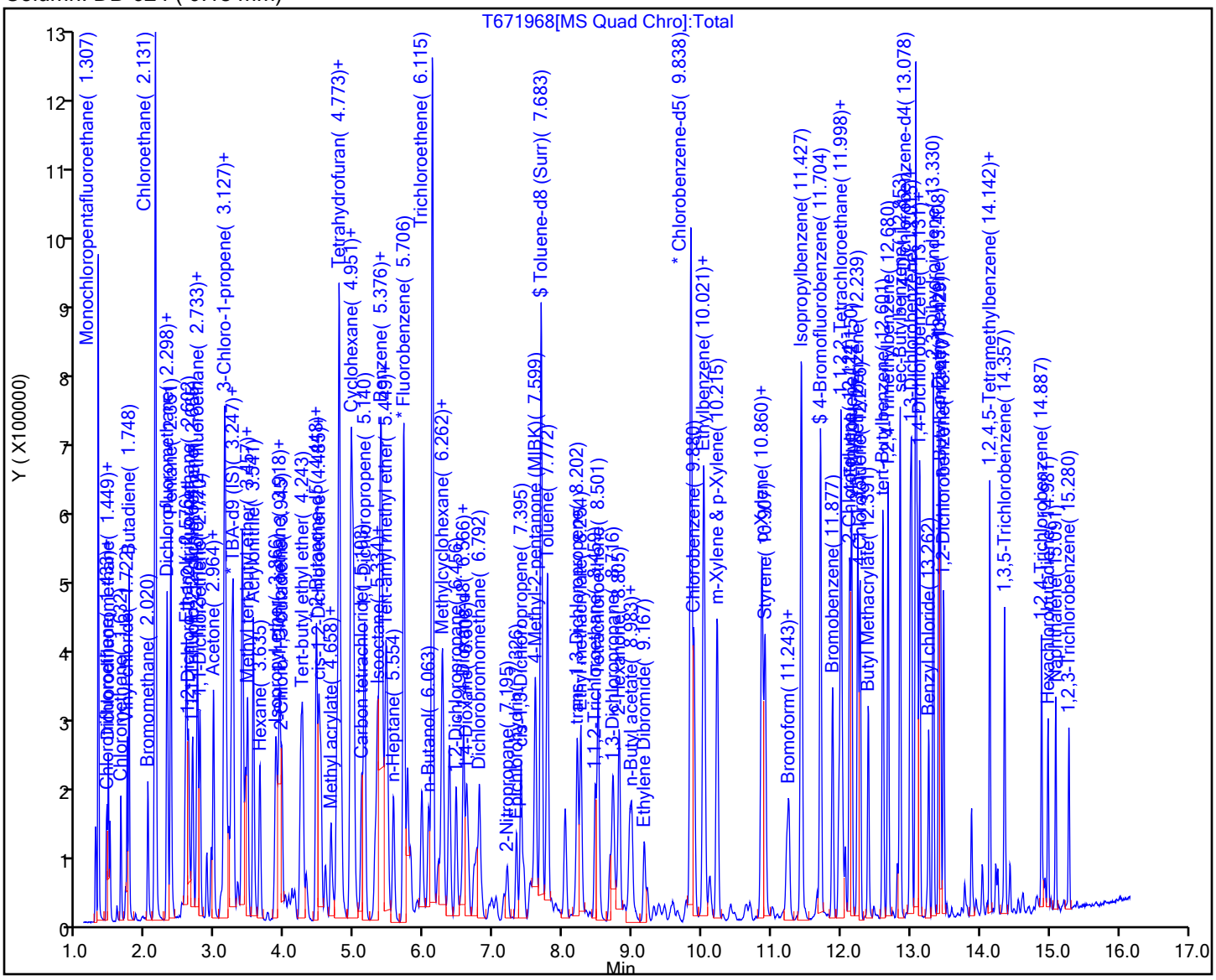
Client ID: NL-MW-3_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D
Lims ID: 460-292076-C-1 MSD
Client ID: NL-MW-3_20231107
Sample Type: MSD
Inject. Date: 08-Nov-2023 15:15:35 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MSD
Misc. Info.: 460-0168581-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.0	84.01
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.28
$ 83 Toluene-d8 (Surr)	50.0	51.5	102.93
$ 105 4-Bromofluorobenzene	50.0	49.7	99.30

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 10/27/2023 10:37

Analysis Batch Number: 940983 End Date: 10/28/2023 01:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-940983/1		10/27/2023 10:37	1	T671306.D	DB-624 0.18(mm)
STD8 460-940983/5 IC		10/27/2023 12:09	1	T671310.D	DB-624 0.18(mm)
STD1 460-940983/7 IC		10/27/2023 12:54	1	T671312.D	DB-624 0.18(mm)
STD5 460-940983/8 IC		10/27/2023 13:17	1	T671313.D	DB-624 0.18(mm)
STD20 460-940983/9 ICIS		10/27/2023 13:40	1	T671314.D	DB-624 0.18(mm)
STD50 460-940983/10 IC		10/27/2023 14:02	1	T671315.D	DB-624 0.18(mm)
STD200 460-940983/11 IC		10/27/2023 14:25	1	T671316.D	DB-624 0.18(mm)
STD500 460-940983/12 IC		10/27/2023 14:48	1	T671317.D	DB-624 0.18(mm)
ZZZZZ		10/27/2023 18:15	1		DB-624 0.18(mm)
ICV 460-940983/1020		10/27/2023 18:15	1	-T671325-ICV.d	DB-624 0.18(mm)
ZZZZZ		10/27/2023 18:38	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 20:28	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 20:51	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:13	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:36	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:59	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 22:21	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 22:44	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:07	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:29	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:52	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:14	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:37	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:59	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 01:22	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 01:45	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 11/08/2023 10:44

Analysis Batch Number: 943343 End Date: 11/08/2023 19:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-943343/4		11/08/2023 10:44	1	T671956.D	DB-624 0.18(mm)
LCS 460-943343/5		11/08/2023 11:06	1	T671957.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 11:29	1		DB-624 0.18(mm)
MB 460-943343/9		11/08/2023 12:37	1	T671961.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:00	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:22	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:45	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 14:07	1		DB-624 0.18(mm)
460-292076-1 MS	NL-MW-3_20231107 MS	11/08/2023 14:53	1	T671967.D	DB-624 0.18(mm)
460-292076-1 MSD	NL-MW-3_20231107 MSD	11/08/2023 15:15	1	T671968.D	DB-624 0.18(mm)
460-292076-4	NL-TB-01_20231107	11/08/2023 16:23	1	T671971.D	DB-624 0.18(mm)
460-292076-3	NL-FB-01_20231107	11/08/2023 16:46	1	T671972.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 17:08	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 17:31	1		DB-624 0.18(mm)
460-292076-1	NL-MW-3_20231107	11/08/2023 17:53	1	T671975.D	DB-624 0.18(mm)
460-292076-2	NL-MW-Dup_20231107	11/08/2023 18:16	1	T671976.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 19:01	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00162	524FREONS 00009	7 Freons Hi 00007	7 Freons SS 00007
BFB 460-940983/1		8260D		5 mL	5 mL				
STD8 460-940983/5 IC		8260D		5 mL	5 mL				
STD1 460-940983/7 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-940983/8 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-940983/9 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-940983/10 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-940983/11 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-940983/12 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-940983/1020		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260MIX1COMB 00177	ACROLEIN SP 00158	ACROLEIN W 00161	ACRY/EPIH MIX 00118	BFB 00034
BFB 460-940983/1		8260D							1 uL
STD8 460-940983/5 IC		8260D						20 uL	
STD1 460-940983/7 IC		8260D			10 uL		4 uL		
STD5 460-940983/8 IC		8260D			10 uL		4 uL		
STD20 460-940983/9 ICIS		8260D			20 uL		4 uL		
STD50 460-940983/10 IC		8260D			50 uL		10 uL		
STD200 460-940983/11 IC		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.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260MIX1COMB 00177	ACROLEIN SP 00158	ACROLEIN W 00161	ACRY/EPIH MIX 00118	BFB 00034
STD500 460-940983/12 IC		8260D					40 uL		
ICV 460-940983/1020		8260D		20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00082	EthhexAcr_SS 00004	EthyhexAcr_Hi 00004	EthyhexAcr_Li 00005	GAS C SP 00538	GAS Hi 00454
BFB 460-940983/1		8260D							
STD8 460-940983/5 IC		8260D							
STD1 460-940983/7 IC		8260D					10 uL		
STD5 460-940983/8 IC		8260D					10 uL		
STD20 460-940983/9 ICIS		8260D					20 uL		
STD50 460-940983/10 IC		8260D					50 uL		
STD200 460-940983/11 IC		8260D		20 uL		20 uL			20 uL
STD500 460-940983/12 IC		8260D		50 uL		50 uL			50 uL
ICV 460-940983/1020		8260D			20 uL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041	VOA6IS/SURR 00068	
BFB 460-940983/1		8260D							
STD8 460-940983/5 IC		8260D		2.5 uL			2 uL	5 uL	
STD1 460-940983/7 IC		8260D		10 uL				5 uL	
STD5 460-940983/8 IC		8260D		10 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.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041	VOA6IS/SURR 00068	
STD20 460-940983/9 ICIS		8260D		20 uL				5 uL	
STD50 460-940983/10 IC		8260D		50 uL				5 uL	
STD200 460-940983/11 IC		8260D			20 uL	20 uL		5 uL	
STD500 460-940983/12 IC		8260D			50 uL	50 uL		5 uL	
ICV 460-940983/1020		8260D						5 uL	

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.: 460-292076-1

SDG No.:

Batch Number: 943343 Batch Start Date: 11/08/23 10:44 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00010	8260MIX1COMB 00178	ACROLEIN W 00161
CCVIS 460-943343/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-943343/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-943343/9		8260D		5 mL	5 mL				
460-292076-C-1 MS	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-292076-C-1 MSD	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-292076-B-4	NL-TB-01_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-B-3	NL-FB-01_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-C-1	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-C-2	NL-MW-Dup_20231107	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00556	VOA6IS/SURR 00068				
CCVIS 460-943343/4		8260D		20 uL	5 uL				
LCS 460-943343/5		8260D		20 uL	5 uL				
MB 460-943343/9		8260D			5 uL				
460-292076-C-1 MS	NL-MW-3_20231107	8260D	T	20 uL	5 uL				
460-292076-C-1 MSD	NL-MW-3_20231107	8260D	T	20 uL	5 uL				
460-292076-B-4	NL-TB-01_20231107	8260D	T		5 uL				
460-292076-B-3	NL-FB-01_20231107	8260D	T		5 uL				
460-292076-C-1	NL-MW-3_20231107	8260D	T		5 uL				
460-292076-C-2	NL-MW-Dup_20231107	8260D	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.: 460-292076-1

SDG No.:

Batch Number: 943343 Batch Start Date: 11/08/23 10:44 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

698969

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Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Dustin Kapson	Site Contact: C. Bearden	Date: 11/07/23	COC No:
Company Name: AKRF	Tel/Email: dkapson@akrf.com	Lab Contact: M. Haas	Carrier:	1 of 1 COCs
Address: 440 Park Ave S	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 336-226-9330	TAT if different from Below: Standard TAT			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: 3200 Jerome Ave				Job / SDG No. 297076
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 VOC 8260	Sample Specific Notes:
NL-MW-3_20231107	11/07/23	10:35	G	GW	9		X	X	1
NL-MW-DUP_20231107	↓	10:45	↓	↓	3			X	2
NL-FB-01_20231107		11:00		FB	2			X	3
NL-TB-01_20231107	↓	—	↓	TB	2			X	4

460-292076 Chain of Custody

ELAP 27

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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.

AKRF EQuIS EDDS, Cat B Lab to report project specific compound list

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No. 1067013		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: Clare Bearden	Company: AKRF	Date/Time: 11/7/23	Received by:	Company: ETA	Date/Time: 11-7-23 1145
Relinquished by:	Company: ETA 1700	Date/Time:	Received by:	Company: ETA	Date/Time: 11/7/23 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

0.7/0.8°C R29

11/10/2023 2:16 PM

Job Number: 292076 A1KRF

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.7 °C	0.8 °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 _____ Date: 11-7-23

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-292076-1

Login Number: 292076
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 2/27/2024 10:41 AM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-298659-1

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



Generated
2/27/2024 10:41 AM

Authorized for release by
Warleny M Infante, Project Management Assistant I
Warleny.Infante@et.eurofinsus.com
Designee for
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
203 308-0880

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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-298659-1

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 2/20/2024 8:00 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 was 1.5º C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No container totals recorded on the COC for samples 3 through 6.

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_20240220 (460-298659-1), NL-MW-2E_20240220 (460-298659-2), NL-MW-3_20240220 (460-298659-3), NL-MW-Dup_20240220 (460-298659-4), NL-MW-TB-01_20240220 (460-298659-5) and NL-MW-FB-01_20240220 (460-298659-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/26/2024.

The continuing calibration verification (CCV) analyzed in batch 460-961143 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Cyclohexane failed the recovery criteria low for the MS of sample NL-MW-3_20240220MS (460-298659-3) in batch 460-961143.

Cyclohexane failed the recovery criteria low for the MSD of sample NL-MW-3_20240220MSD (460-298659-3) in batch 460-961143. Bromomethane exceeded the RPD limit.

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: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-298659-1	NL-MW-1E_20240220	Water	02/20/24 09:10	02/20/24 20:00
460-298659-2	NL-MW-2E_20240220	Water	02/20/24 10:12	02/20/24 20:00
460-298659-3	NL-MW-3_20240220	Water	02/20/24 11:06	02/20/24 20:00
460-298659-4	NL-MW-Dup_20240220	Water	02/20/24 12:00	02/20/24 20:00
460-298659-5	NL-MW-TB-01_20240220	Water	02/20/24 00:00	02/20/24 20:00
460-298659-6	NL-MW-FB-01_20240220	Water	02/20/24 11:10	02/20/24 20:00

Detection Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-298659-1

Client Sample ID: NL-MW-1E_20240220 — Lab Sample ID: 460-298659-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.75	J	1.0	0.33	ug/L	1		8260D	Total/NA
Trichloroethene	7.4		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-2E_20240220 — Lab Sample ID: 460-298659-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.29	J	1.0	0.20	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.26	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.9		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	5.9		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.51	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-3_20240220 — Lab Sample ID: 460-298659-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.0		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	1.0		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	30		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	2.3		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	14		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	13		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.85	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.71	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	85		1.0	0.31	ug/L	1		8260D	Total/NA
Xylenes, Total	0.70	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-Dup_20240220 — Lab Sample ID: 460-298659-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.1		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	1.0		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	32		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	2.4		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	15		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	15		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.81	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.77	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	92		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.17	J	1.0	0.17	ug/L	1		8260D	Total/NA
Xylenes, Total	0.75	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-TB-01_20240220 — Lab Sample ID: 460-298659-5

No Detections.

Client Sample ID: NL-MW-FB-01_20240220 — Lab Sample ID: 460-298659-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.75	J	1.0	0.40	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-298659-1
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_20240220
Lab Sample ID: 460-298659-1

Date Collected: 02/20/24 09:10
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:05	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 10:05	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 10:05	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 10:05	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 10:05	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 10:05	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 10:05	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 10:05	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 10:05	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 10:05	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 10:05	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:05	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 10:05	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 10:05	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 10:05	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 10:05	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 10:05	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 10:05	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 10:05	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 10:05	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 10:05	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 10:05	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 10:05	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 10:05	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
Chloroform	**0.75**	**J**	1.0	0.33	ug/L			02/26/24 10:05	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 10:05	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 10:05	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 10:05	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 10:05	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 10:05	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:05	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 10:05	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 10:05	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 10:05	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 10:05	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 10:05	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
Trichloroethene	**7.4**		1.0	0.31	ug/L			02/26/24 10:05	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 10:05	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 10:05*	*1*

Client Sample ID: NL-MW-1E_20240220
Lab Sample ID: 460-298659-1

Date Collected: 02/20/24 09:10
Matrix: Water
Date Received: 02/20/24 20:00

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Bromofluorobenzene	*93*		*76 - 120*		*02/26/24 10:05*	*1*
Dibromofluoromethane (Surr)	*89*		*77 - 132*		*02/26/24 10:05*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*02/26/24 10:05*	*1*

Client Sample ID: NL-MW-2E_20240220
Lab Sample ID: 460-298659-2

Date Collected: 02/20/24 10:12
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:27	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 10:27	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 10:27	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 10:27	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 10:27	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 10:27	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 10:27	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 10:27	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 10:27	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 10:27	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 10:27	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:27	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 10:27	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 10:27	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 10:27	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 10:27	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 10:27	1
Benzene	**0.29**	**J**	1.0	0.20	ug/L			02/26/24 10:27	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 10:27	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 10:27	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 10:27	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 10:27	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 10:27	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 10:27	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 10:27	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 10:27	1
cis-1,2-Dichloroethene	**0.26**	**J**	1.0	0.22	ug/L			02/26/24 10:27	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:27	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 10:27	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 10:27	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 10:27	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 10:27	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:27	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 10:27	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 10:27	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 10:27	1

Client Sample ID: NL-MW-2E_20240220
Lab Sample ID: 460-298659-2

Date Collected: 02/20/24 10:12
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:27	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 10:27	1
trans-1,2-Dichloroethene	**1.9**		1.0	0.24	ug/L			02/26/24 10:27	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:27	1
Trichloroethene	**5.9**		1.0	0.31	ug/L			02/26/24 10:27	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
Vinyl chloride	**0.51**	**J**	1.0	0.17	ug/L			02/26/24 10:27	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 10:27*	*1*
Bromofluorobenzene	*93*		*76 - 120*		*02/26/24 10:27*	*1*
Dibromofluoromethane (Surr)	*91*		*77 - 132*		*02/26/24 10:27*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 10:27*	*1*

Client Sample ID: NL-MW-3_20240220
Lab Sample ID: 460-298659-3

Date Collected: 02/20/24 11:06
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 11:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 11:13	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 11:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 11:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 11:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 11:13	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 11:13	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 11:13	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 11:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 11:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 11:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 11:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 11:13	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 11:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 11:13	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 11:13	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 11:13	1
Benzene	**6.0**		1.0	0.20	ug/L			02/26/24 11:13	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 11:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 11:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 11:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 11:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 11:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 11:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 11:13	1
Chloroform	**1.0**		1.0	0.33	ug/L			02/26/24 11:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 11:13	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			02/26/24 11:13	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 11:13	1

Client Sample ID: NL-MW-3_20240220
Lab Sample ID: 460-298659-3

Date Collected: 02/20/24 11:06
Matrix: Water
Date Received: 02/20/24 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	**30**		1.0	0.32	ug/L			02/26/24 11:13	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 11:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 11:13	1
Ethylbenzene	**2.3**		1.0	0.30	ug/L			02/26/24 11:13	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 11:13	1
Isopropylbenzene	**14**		1.0	0.34	ug/L			02/26/24 11:13	1
Methylcyclohexane	**13**		1.0	0.71	ug/L			02/26/24 11:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 11:13	1
MTBE	**0.85**	**J**	1.0	0.22	ug/L			02/26/24 11:13	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 11:13	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 11:13	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 11:13	1
trans-1,2-Dichloroethene	**0.71**	**J**	1.0	0.24	ug/L			02/26/24 11:13	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 11:13	1
Trichloroethene	**85**		1.0	0.31	ug/L			02/26/24 11:13	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 11:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 11:13	1
Xylenes, Total	**0.70**	**J**	2.0	0.65	ug/L			02/26/24 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*02/26/24 11:13*	*1*
Bromofluorobenzene	*95*		*76 - 120*		*02/26/24 11:13*	*1*
Dibromofluoromethane (Surr)	*88*		*77 - 132*		*02/26/24 11:13*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 11:13*	*1*

Client Sample ID: NL-MW-Dup_20240220
Lab Sample ID: 460-298659-4

Date Collected: 02/20/24 12:00
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:50	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 10:50	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 10:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 10:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 10:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 10:50	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 10:50	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 10:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 10:50	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 10:50	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 10:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 10:50	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 10:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 10:50	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 10:50	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 10:50	1
Benzene	**6.1**		1.0	0.20	ug/L			02/26/24 10:50	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 10:50	1

Client Sample ID: NL-MW-Dup_20240220
Lab Sample ID: 460-298659-4

Date Collected: 02/20/24 12:00
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 10:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 10:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 10:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 10:50	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:50	1
Chloroform	**1.0**		1.0	0.33	ug/L			02/26/24 10:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 10:50	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			02/26/24 10:50	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:50	1
Cyclohexane	**32**		1.0	0.32	ug/L			02/26/24 10:50	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 10:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 10:50	1
Ethylbenzene	**2.4**		1.0	0.30	ug/L			02/26/24 10:50	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 10:50	1
Isopropylbenzene	**15**		1.0	0.34	ug/L			02/26/24 10:50	1
Methylcyclohexane	**15**		1.0	0.71	ug/L			02/26/24 10:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 10:50	1
MTBE	**0.81**	**J**	1.0	0.22	ug/L			02/26/24 10:50	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 10:50	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 10:50	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 10:50	1
trans-1,2-Dichloroethene	**0.77**	**J**	1.0	0.24	ug/L			02/26/24 10:50	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:50	1
Trichloroethene	**92**		1.0	0.31	ug/L			02/26/24 10:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:50	1
Vinyl chloride	**0.17**	**J**	1.0	0.17	ug/L			02/26/24 10:50	1
Xylenes, Total	**0.75**	**J**	2.0	0.65	ug/L			02/26/24 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*02/26/24 10:50*	*1*
Bromofluorobenzene	*94*		*76 - 120*		*02/26/24 10:50*	*1*
Dibromofluoromethane (Surr)	*87*		*77 - 132*		*02/26/24 10:50*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 10:50*	*1*

Client Sample ID: NL-MW-TB-01_20240220
Lab Sample ID: 460-298659-5

Date Collected: 02/20/24 00:00
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 09:19	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 09:19	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 09:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 09:19	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 09:19	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 09:19	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 09:19	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 09:19	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 09:19	1

Client Sample ID: NL-MW-TB-01_20240220
Lab Sample ID: 460-298659-5

Date Collected: 02/20/24 00:00
Matrix: Water
Date Received: 02/20/24 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 09:19	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 09:19	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:19	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 09:19	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 09:19	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 09:19	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 09:19	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 09:19	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 09:19	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 09:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 09:19	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 09:19	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 09:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 09:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 09:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 09:19	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 09:19	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 09:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 09:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 09:19	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 09:19	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:19	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 09:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 09:19	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 09:19	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 09:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 09:19	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/24 09:19	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 09:19	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 09:19*	*1*
Bromofluorobenzene	*93*		*76 - 120*		*02/26/24 09:19*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*02/26/24 09:19*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 09:19*	*1*

Client Sample ID: NL-MW-FB-01_20240220
Lab Sample ID: 460-298659-6

Date Collected: 02/20/24 11:10
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 09:42	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 09:42	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 09:42	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 09:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 09:42	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 09:42	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 09:42	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 09:42	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 09:42	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 09:42	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 09:42	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:42	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 09:42	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 09:42	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 09:42	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 09:42	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 09:42	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 09:42	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 09:42	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 09:42	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 09:42	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 09:42	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 09:42	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 09:42	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 09:42	1
Chloromethane	**0.75**	**J**	1.0	0.40	ug/L			02/26/24 09:42	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 09:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 09:42	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 09:42	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 09:42	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:42	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 09:42	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 09:42	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 09:42	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 09:42	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 09:42	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/24 09:42	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 09:42	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 09:42*	*1*

Client: AKRF Inc
Job ID: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-FB-01_20240220
Lab Sample ID: 460-298659-6
Date Collected: 02/20/24 11:10
Matrix: Water
Date Received: 02/20/24 20:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	95		76 - 120		02/26/24 09:42	1
Dibromofluoromethane (Surr)	91		77 - 132		02/26/24 09:42	1
Toluene-d8 (Surr)	113		80 - 120		02/26/24 09:42	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-298659-1

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)
460-298659-1	NL-MW-1E_20240220	106	93	89	113
460-298659-2	NL-MW-2E_20240220	106	93	91	114
460-298659-3	NL-MW-3_20240220	105	95	88	114
460-298659-3 MS	NL-MW-3_20240220	102	93	87	112
460-298659-3 MSD	NL-MW-3_20240220	102	93	88	112
460-298659-4	NL-MW-Dup_20240220	103	94	87	114
460-298659-5	NL-MW-TB-01_20240220	106	93	90	114
460-298659-6	NL-MW-FB-01_20240220	106	95	91	113
LCS 460-961143/4	Lab Control Sample	104	93	89	112
LCSD 460-961143/5	Lab Control Sample Dup	102	94	88	112
MB 460-961143/8	Method Blank	107	94	90	113

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 460-961143/8
Matrix: Water
Analysis Batch: 961143

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			02/26/24 08:57	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 08:57	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 08:57	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 08:57	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 08:57	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 08:57	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 08:57	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 08:57	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 08:57	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 08:57	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 08:57	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 08:57	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 08:57	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 08:57	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 08:57	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 08:57	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 08:57	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 08:57	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 08:57	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 08:57	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 08:57	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 08:57	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 08:57	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 08:57	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 08:57	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 08:57	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 08:57	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 08:57	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 08:57	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 08:57	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 08:57	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 08:57	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 08:57	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 08:57	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 08:57	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 08:57	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/24 08:57	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 08:57	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 08:57	1

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

Lab Sample ID: MB 460-961143/8
Matrix: Water
Analysis Batch: 961143

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*		*02/26/24 08:57*	*1*
Bromofluorobenzene	*94*		*76 - 120*		*02/26/24 08:57*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*02/26/24 08:57*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*02/26/24 08:57*	*1*

Lab Sample ID: LCS 460-961143/4
Matrix: Water
Analysis Batch: 961143

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	18.5		ug/L		93	72 - 128
1,1,2,2-Tetrachloroethane	20.0	24.8		ug/L		124	63 - 139
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	74 - 125
1,1-Dichloroethane	20.0	20.3		ug/L		102	73 - 130
1,1-Dichloroethene	20.0	18.0		ug/L		90	68 - 133
1,2,4-Trichlorobenzene	20.0	21.9		ug/L		109	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.3		ug/L		107	58 - 132
1,2-Dibromoethane	20.0	21.2		ug/L		106	79 - 126
1,2-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120
1,2-Dichloroethane	20.0	18.8		ug/L		94	66 - 129
1,2-Dichloropropane	20.0	19.9		ug/L		100	68 - 128
1,3-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120
1,4-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 120
2-Butanone	100	89.8		ug/L		90	61 - 142
2-Hexanone	100	103		ug/L		103	61 - 134
4-Methyl-2-pentanone	100	105		ug/L		105	69 - 139
Acetone	100	94.6		ug/L		95	49 - 149
Benzene	20.0	22.6		ug/L		113	71 - 126
Bromodichloromethane	20.0	18.8		ug/L		94	76 - 121
Bromoform	20.0	19.9		ug/L		100	58 - 136
Bromomethane	20.0	19.5		ug/L		97	10 - 120
Carbon disulfide	20.0	18.3		ug/L		91	68 - 138
Carbon tetrachloride	20.0	18.3		ug/L		92	65 - 142
Chlorobenzene	20.0	21.4		ug/L		107	80 - 120
Chloroethane	20.0	19.7		ug/L		98	48 - 150
Chloroform	20.0	18.5		ug/L		93	78 - 125
Chloromethane	20.0	17.5		ug/L		87	43 - 140
cis-1,2-Dichloroethene	20.0	18.2		ug/L		91	78 - 121
cis-1,3-Dichloropropene	20.0	23.6		ug/L		118	74 - 125
Cyclohexane	20.0	17.3		ug/L		86	60 - 142
Dibromochloromethane	20.0	21.7		ug/L		109	69 - 130
Dichlorodifluoromethane	20.0	14.0		ug/L		70	27 - 120
Ethylbenzene	20.0	21.5		ug/L		107	78 - 120
Freon TF	20.0	16.6		ug/L		83	51 - 142
Isopropylbenzene	20.0	22.5		ug/L		113	79 - 125
Methylcyclohexane	20.0	16.9		ug/L		85	49 - 149
Methylene Chloride	20.0	18.8		ug/L		94	74 - 127
MTBE	20.0	20.8		ug/L		104	72 - 131

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

Lab Sample ID: LCS 460-961143/4
Matrix: Water
Analysis Batch: 961143

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	22.2		ug/L		111	82 - 127		
Tetrachloroethene			20.0	19.6		ug/L		98	70 - 127		
Toluene			20.0	20.9		ug/L		104	78 - 120		
trans-1,2-Dichloroethene			20.0	17.9		ug/L		90	74 - 126		
trans-1,3-Dichloropropene			20.0	23.4		ug/L		117	66 - 127		
Trichloroethene			20.0	17.3		ug/L		87	51 - 121		
Trichlorofluoromethane			20.0	18.6		ug/L		93	50 - 120		
Vinyl chloride			20.0	17.4		ug/L		87	55 - 144		
Xylenes, Total			40.0	43.2		ug/L		108	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*
Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*89*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: LCSD 460-961143/5
Matrix: Water
Analysis Batch: 961143

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	17.1		ug/L		86	72 - 128	8	30
1,1,2,2-Tetrachloroethane			20.0	24.4		ug/L		122	63 - 139	1	30
1,1,2-Trichloroethane			20.0	20.8		ug/L		104	74 - 125	5	30
1,1-Dichloroethane			20.0	18.5		ug/L		92	73 - 130	10	30
1,1-Dichloroethene			20.0	16.1		ug/L		81	68 - 133	11	30
1,2,4-Trichlorobenzene			20.0	20.7		ug/L		104	67 - 132	6	30
1,2-Dibromo-3-Chloropropane			20.0	21.3		ug/L		107	58 - 132	0	30
1,2-Dibromoethane			20.0	20.4		ug/L		102	79 - 126	4	30
1,2-Dichlorobenzene			20.0	21.0		ug/L		105	80 - 120	6	30
1,2-Dichloroethane			20.0	17.5		ug/L		87	66 - 129	7	30
1,2-Dichloropropane			20.0	18.5		ug/L		92	68 - 128	8	30
1,3-Dichlorobenzene			20.0	21.2		ug/L		106	80 - 120	6	30
1,4-Dichlorobenzene			20.0	20.9		ug/L		104	80 - 120	6	30
2-Butanone			100	85.8		ug/L		86	61 - 142	5	30
2-Hexanone			100	97.9		ug/L		98	61 - 134	5	30
4-Methyl-2-pentanone			100	100		ug/L		100	69 - 139	5	30
Acetone			100	87.0		ug/L		87	49 - 149	8	30
Benzene			20.0	21.0		ug/L		105	71 - 126	7	30
Bromodichloromethane			20.0	17.8		ug/L		89	76 - 121	6	30
Bromoform			20.0	18.9		ug/L		95	58 - 136	5	30
Bromomethane			20.0	19.5		ug/L		97	10 - 120	0	30
Carbon disulfide			20.0	16.4		ug/L		82	68 - 138	11	30
Carbon tetrachloride			20.0	16.8		ug/L		84	65 - 142	9	30
Chlorobenzene			20.0	20.3		ug/L		101	80 - 120	5	30
Chloroethane			20.0	17.2		ug/L		86	48 - 150	13	30
Chloroform			20.0	17.2		ug/L		86	78 - 125	7	30
Chloromethane			20.0	15.7		ug/L		79	43 - 140	10	30

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

Lab Sample ID: LCSD 460-961143/5
Matrix: Water
Analysis Batch: 961143

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	16.9		ug/L		85	78 - 121	7	30
cis-1,3-Dichloropropene			20.0	21.9		ug/L		110	74 - 125	7	30
Cyclohexane			20.0	15.5		ug/L		77	60 - 142	11	30
Dibromochloromethane			20.0	20.7		ug/L		104	69 - 130	5	30
Dichlorodifluoromethane			20.0	12.8		ug/L		64	27 - 120	9	30
Ethylbenzene			20.0	20.1		ug/L		101	78 - 120	7	30
Freon TF			20.0	15.2		ug/L		76	51 - 142	9	30
Isopropylbenzene			20.0	21.2		ug/L		106	79 - 125	6	30
Methylcyclohexane			20.0	15.8		ug/L		79	49 - 149	7	30
Methylene Chloride			20.0	17.5		ug/L		88	74 - 127	7	30
MTBE			20.0	19.8		ug/L		99	72 - 131	5	30
Styrene			20.0	20.8		ug/L		104	82 - 127	7	30
Tetrachloroethene			20.0	18.7		ug/L		93	70 - 127	5	30
Toluene			20.0	19.8		ug/L		99	78 - 120	5	30
trans-1,2-Dichloroethene			20.0	16.8		ug/L		84	74 - 126	6	30
trans-1,3-Dichloropropene			20.0	22.4		ug/L		112	66 - 127	4	30
Trichloroethene			20.0	16.3		ug/L		81	51 - 121	6	30
Trichlorofluoromethane			20.0	16.9		ug/L		84	50 - 120	10	30
Vinyl chloride			20.0	15.7		ug/L		78	55 - 144	11	30
Xylenes, Total			40.0	40.5		ug/L		101	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
Bromofluorobenzene	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: 460-298659-3 MS
Matrix: Water
Analysis Batch: 961143

Client Sample ID: NL-MW-3_20240220
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	18.5		ug/L		92	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	20.6		ug/L		103	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	18.2		ug/L		91	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	19.4		ug/L		97	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.1		ug/L		91	58 - 132
1,2-Dibromoethane	0.50	U	20.0	19.3		ug/L		97	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	20.6		ug/L		103	80 - 120
1,2-Dichloroethane	0.43	U	20.0	18.2		ug/L		91	66 - 129
1,2-Dichloropropane	0.35	U	20.0	19.0		ug/L		95	68 - 128
1,3-Dichlorobenzene	0.34	U	20.0	20.9		ug/L		105	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	20.6		ug/L		103	80 - 120
2-Butanone	1.9	U	100	86.1		ug/L		86	61 - 142
2-Hexanone	1.1	U	100	98.5		ug/L		99	61 - 134
4-Methyl-2-pentanone	1.3	U	100	106		ug/L		106	69 - 139

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

Lab Sample ID: 460-298659-3 MS
Client Sample ID: NL-MW-3_20240220
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 961143

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	4.4	U	100	90.3		ug/L		90	49 - 149
Benzene	6.0		20.0	27.6		ug/L		108	71 - 126
Bromodichloromethane	0.34	U	20.0	17.9		ug/L		90	76 - 121
Bromoform	0.54	U	20.0	17.7		ug/L		89	58 - 136
Bromomethane	0.55	U	20.0	11.8		ug/L		59	10 - 120
Carbon disulfide	0.82	U	20.0	18.4		ug/L		92	68 - 138
Carbon tetrachloride	0.21	U	20.0	18.2		ug/L		91	65 - 142
Chlorobenzene	0.38	U	20.0	20.5		ug/L		103	80 - 120
Chloroethane	0.32	U	20.0	22.0		ug/L		110	48 - 150
Chloroform	1.0		20.0	19.2		ug/L		91	78 - 125
Chloromethane	0.40	U	20.0	17.6		ug/L		88	43 - 140
cis-1,2-Dichloroethene	2.4		20.0	19.8		ug/L		87	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	22.2		ug/L		111	74 - 125
Cyclohexane	30		20.0	40.5	*	ug/L		51	60 - 142
Dibromochloromethane	0.28	U	20.0	19.9		ug/L		100	69 - 130
Dichlorodifluoromethane	0.31	U	20.0	15.2		ug/L		76	27 - 120
Ethylbenzene	2.3		20.0	22.9		ug/L		103	78 - 120
Freon TF	0.31	U	20.0	18.1		ug/L		90	51 - 142
Isopropylbenzene	14		20.0	34.1		ug/L		98	79 - 125
Methylcyclohexane	13		20.0	29.9		ug/L		83	49 - 149
Methylene Chloride	0.32	U	20.0	19.9		ug/L		99	74 - 127
MTBE	0.85	J	20.0	20.2		ug/L		97	72 - 131
Styrene	0.42	U	20.0	21.3		ug/L		106	82 - 127
Tetrachloroethene	0.25	U	20.0	19.8		ug/L		99	70 - 127
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 120
trans-1,2-Dichloroethene	0.71	J	20.0	18.8		ug/L		90	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	22.1		ug/L		111	66 - 127
Trichloroethene	85		20.0	97.9		ug/L		63	51 - 121
Trichlorofluoromethane	0.32	U	20.0	18.9		ug/L		94	50 - 120
Vinyl chloride	0.17	U	20.0	17.0		ug/L		85	55 - 144
Xylenes, Total	0.70	J	40.0	42.5		ug/L		104	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*87*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: 460-298659-3 MSD
Client Sample ID: NL-MW-3_20240220
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 961143

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	19.1		ug/L		95	72 - 128	3	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	22.9		ug/L		114	63 - 139	4	30
1,1,2-Trichloroethane	0.20	U	20.0	21.2		ug/L		106	74 - 125	3	30
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		103	73 - 130	4	30
1,1-Dichloroethene	0.26	U	20.0	18.5		ug/L		92	68 - 133	2	30

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

Lab Sample ID: 460-298659-3 MSD
Client Sample ID: NL-MW-3_20240220
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 961143

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	20.9		ug/L		104	67 - 132	7	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.4		ug/L		92	58 - 132	2	30
1,2-Dibromoethane	0.50	U	20.0	20.2		ug/L		101	79 - 126	4	30
1,2-Dichlorobenzene	0.21	U	20.0	21.7		ug/L		108	80 - 120	5	30
1,2-Dichloroethane	0.43	U	20.0	18.5		ug/L		93	66 - 129	2	30
1,2-Dichloropropane	0.35	U	20.0	19.7		ug/L		98	68 - 128	4	30
1,3-Dichlorobenzene	0.34	U	20.0	21.8		ug/L		109	80 - 120	4	30
1,4-Dichlorobenzene	0.33	U	20.0	21.4		ug/L		107	80 - 120	4	30
2-Butanone	1.9	U	100	90.2		ug/L		90	61 - 142	5	30
2-Hexanone	1.1	U	100	102		ug/L		102	61 - 134	3	30
4-Methyl-2-pentanone	1.3	U	100	109		ug/L		109	69 - 139	3	30
Acetone	4.4	U	100	92.5		ug/L		92	49 - 149	2	30
Benzene	6.0		20.0	28.1		ug/L		110	71 - 126	2	30
Bromodichloromethane	0.34	U	20.0	19.0		ug/L		95	76 - 121	6	30
Bromoform	0.54	U	20.0	18.2		ug/L		91	58 - 136	3	30
Bromomethane	0.55	U	20.0	17.4	*	ug/L		87	10 - 120	39	30
Carbon disulfide	0.82	U	20.0	18.9		ug/L		94	68 - 138	3	30
Carbon tetrachloride	0.21	U	20.0	18.8		ug/L		94	65 - 142	4	30
Chlorobenzene	0.38	U	20.0	21.5		ug/L		107	80 - 120	5	30
Chloroethane	0.32	U	20.0	22.8		ug/L		114	48 - 150	3	30
Chloroform	1.0		20.0	19.7		ug/L		93	78 - 125	2	30
Chloromethane	0.40	U	20.0	18.2		ug/L		91	43 - 140	3	30
cis-1,2-Dichloroethene	2.4		20.0	20.9		ug/L		92	78 - 121	5	30
cis-1,3-Dichloropropene	0.22	U	20.0	22.8		ug/L		114	74 - 125	2	30
Cyclohexane	30		20.0	41.0	*	ug/L		53	60 - 142	1	30
Dibromochloromethane	0.28	U	20.0	20.5		ug/L		103	69 - 130	3	30
Dichlorodifluoromethane	0.31	U	20.0	15.3		ug/L		76	27 - 120	0	30
Ethylbenzene	2.3		20.0	23.8		ug/L		108	78 - 120	4	30
Freon TF	0.31	U	20.0	18.7		ug/L		94	51 - 142	3	30
Isopropylbenzene	14		20.0	35.2		ug/L		104	79 - 125	3	30
Methylcyclohexane	13		20.0	29.8		ug/L		83	49 - 149	0	30
Methylene Chloride	0.32	U	20.0	20.3		ug/L		102	74 - 127	2	30
MTBE	0.85	J	20.0	20.4		ug/L		98	72 - 131	1	30
Styrene	0.42	U	20.0	22.0		ug/L		110	82 - 127	4	30
Tetrachloroethene	0.25	U	20.0	20.5		ug/L		102	70 - 127	3	30
Toluene	0.38	U	20.0	21.5		ug/L		108	78 - 120	3	30
trans-1,2-Dichloroethene	0.71	J	20.0	19.0		ug/L		91	74 - 126	1	30
trans-1,3-Dichloropropene	0.22	U	20.0	22.8		ug/L		114	66 - 127	3	30
Trichloroethene	85		20.0	99.3		ug/L		70	51 - 121	1	30
Trichlorofluoromethane	0.32	U	20.0	19.7		ug/L		98	50 - 120	4	30
Vinyl chloride	0.17	U	20.0	17.1		ug/L		86	55 - 144	1	30
Xylenes, Total	0.70	J	40.0	44.3		ug/L		109	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control 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: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 961143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-298659-1	NL-MW-1E_20240220	Total/NA	Water	8260D	
460-298659-2	NL-MW-2E_20240220	Total/NA	Water	8260D	
460-298659-3	NL-MW-3_20240220	Total/NA	Water	8260D	
460-298659-4	NL-MW-Dup_20240220	Total/NA	Water	8260D	
460-298659-5	NL-MW-TB-01_20240220	Total/NA	Water	8260D	
460-298659-6	NL-MW-FB-01_20240220	Total/NA	Water	8260D	
MB 460-961143/8	Method Blank	Total/NA	Water	8260D	
LCS 460-961143/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-961143/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-298659-3 MS	NL-MW-3_20240220	Total/NA	Water	8260D	
460-298659-3 MSD	NL-MW-3_20240220	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-1E_20240220
Lab Sample ID: 460-298659-1
Date Collected: 02/20/24 09:10
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 10:05

Client Sample ID: NL-MW-2E_20240220
Lab Sample ID: 460-298659-2
Date Collected: 02/20/24 10:12
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 10:27

Client Sample ID: NL-MW-3_20240220
Lab Sample ID: 460-298659-3
Date Collected: 02/20/24 11:06
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 11:13

Client Sample ID: NL-MW-Dup_20240220
Lab Sample ID: 460-298659-4
Date Collected: 02/20/24 12:00
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 10:50

Client Sample ID: NL-MW-TB-01_20240220
Lab Sample ID: 460-298659-5
Date Collected: 02/20/24 00:00
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 09:19

Client Sample ID: NL-MW-FB-01_20240220
Lab Sample ID: 460-298659-6
Date Collected: 02/20/24 11:10
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 09:42

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: 460-298659-1
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	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-298659-1

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-1E_20240220	460-298659-1	89	106	113	93
NL-MW-2E_20240220	460-298659-2	91	106	114	93
NL-MW-3_20240220	460-298659-3	88	105	114	95
NL-MW-Dup_20240220	460-298659-4	87	103	114	94
NL-MW-TB-01_20240220	460-298659-5	90	106	114	93
NL-MW-FB-01_20240220	460-298659-6	91	106	113	95
	MB 460-961143/8	90	107	113	94
	LCS 460-961143/4	89	104	112	93
	LCSD 460-961143/5	88	102	112	94
NL-MW-3_20240220 MS	460-298659-3 MS	87	102	112	93
NL-MW-3_20240220 MSD	460-298659-3 MSD	88	102	112	93

	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675582.D

Lab ID: LCS 460-961143/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.5	93	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.8	124	63-139	
1,1,2-Trichloroethane	20.0	21.8	109	74-125	
1,1-Dichloroethane	20.0	20.3	102	73-130	
1,1-Dichloroethene	20.0	18.0	90	68-133	
1,2,4-Trichlorobenzene	20.0	21.9	109	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.3	107	58-132	
1,2-Dibromoethane	20.0	21.2	106	79-126	
1,2-Dichlorobenzene	20.0	22.4	112	80-120	
1,2-Dichloroethane	20.0	18.8	94	66-129	
1,2-Dichloropropane	20.0	19.9	100	68-128	
1,3-Dichlorobenzene	20.0	22.4	112	80-120	
1,4-Dichlorobenzene	20.0	22.2	111	80-120	
2-Butanone	100	89.8	90	61-142	
2-Hexanone	100	103	103	61-134	
4-Methyl-2-pentanone	100	105	105	69-139	
Acetone	100	94.6	95	49-149	
Benzene	20.0	22.6	113	71-126	
Bromodichloromethane	20.0	18.8	94	76-121	
Bromoform	20.0	19.9	100	58-136	
Bromomethane	20.0	19.5	97	10-120	
Carbon disulfide	20.0	18.3	91	68-138	
Carbon tetrachloride	20.0	18.3	92	65-142	
Chlorobenzene	20.0	21.4	107	80-120	
Chloroethane	20.0	19.7	98	48-150	
Chloroform	20.0	18.5	93	78-125	
Chloromethane	20.0	17.5	87	43-140	
cis-1,2-Dichloroethene	20.0	18.2	91	78-121	
cis-1,3-Dichloropropene	20.0	23.6	118	74-125	
Cyclohexane	20.0	17.3	86	60-142	
Dibromochloromethane	20.0	21.7	109	69-130	
Dichlorodifluoromethane	20.0	14.0	70	27-120	
Ethylbenzene	20.0	21.5	107	78-120	
Freon TF	20.0	16.6	83	51-142	
Isopropylbenzene	20.0	22.5	113	79-125	
Methylcyclohexane	20.0	16.9	85	49-149	
Methylene Chloride	20.0	18.8	94	74-127	
MTBE	20.0	20.8	104	72-131	
Styrene	20.0	22.2	111	82-127	
Tetrachloroethene	20.0	19.6	98	70-127	
Toluene	20.0	20.9	104	78-120	
trans-1,2-Dichloroethene	20.0	17.9	90	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675582.D

Lab ID: LCS 460-961143/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	23.4	117	66-127	
Trichloroethene	20.0	17.3	87	51-121	
Trichlorofluoromethane	20.0	18.6	93	50-120	
Vinyl chloride	20.0	17.4	87	55-144	
Xylenes, Total	40.0	43.2	108	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675583.D

Lab ID: LCSD 460-961143/5 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	17.1	86	8	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.4	122	1	30	63-139	
1,1,2-Trichloroethane	20.0	20.8	104	5	30	74-125	
1,1-Dichloroethane	20.0	18.5	92	10	30	73-130	
1,1-Dichloroethene	20.0	16.1	81	11	30	68-133	
1,2,4-Trichlorobenzene	20.0	20.7	104	6	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.3	107	0	30	58-132	
1,2-Dibromoethane	20.0	20.4	102	4	30	79-126	
1,2-Dichlorobenzene	20.0	21.0	105	6	30	80-120	
1,2-Dichloroethane	20.0	17.5	87	7	30	66-129	
1,2-Dichloropropane	20.0	18.5	92	8	30	68-128	
1,3-Dichlorobenzene	20.0	21.2	106	6	30	80-120	
1,4-Dichlorobenzene	20.0	20.9	104	6	30	80-120	
2-Butanone	100	85.8	86	5	30	61-142	
2-Hexanone	100	97.9	98	5	30	61-134	
4-Methyl-2-pentanone	100	100	100	5	30	69-139	
Acetone	100	87.0	87	8	30	49-149	
Benzene	20.0	21.0	105	7	30	71-126	
Bromodichloromethane	20.0	17.8	89	6	30	76-121	
Bromoform	20.0	18.9	95	5	30	58-136	
Bromomethane	20.0	19.5	97	0	30	10-120	
Carbon disulfide	20.0	16.4	82	11	30	68-138	
Carbon tetrachloride	20.0	16.8	84	9	30	65-142	
Chlorobenzene	20.0	20.3	101	5	30	80-120	
Chloroethane	20.0	17.2	86	13	30	48-150	
Chloroform	20.0	17.2	86	7	30	78-125	
Chloromethane	20.0	15.7	79	10	30	43-140	
cis-1,2-Dichloroethene	20.0	16.9	85	7	30	78-121	
cis-1,3-Dichloropropene	20.0	21.9	110	7	30	74-125	
Cyclohexane	20.0	15.5	77	11	30	60-142	
Dibromochloromethane	20.0	20.7	104	5	30	69-130	
Dichlorodifluoromethane	20.0	12.8	64	9	30	27-120	
Ethylbenzene	20.0	20.1	101	7	30	78-120	
Freon TF	20.0	15.2	76	9	30	51-142	
Isopropylbenzene	20.0	21.2	106	6	30	79-125	
Methylcyclohexane	20.0	15.8	79	7	30	49-149	
Methylene Chloride	20.0	17.5	88	7	30	74-127	
MTBE	20.0	19.8	99	5	30	72-131	
Styrene	20.0	20.8	104	7	30	82-127	
Tetrachloroethene	20.0	18.7	93	5	30	70-127	
Toluene	20.0	19.8	99	5	30	78-120	
trans-1,2-Dichloroethene	20.0	16.8	84	6	30	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675583.D

Lab ID: LCSD 460-961143/5 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	22.4	112	4	30	66-127	
Trichloroethene	20.0	16.3	81	6	30	51-121	
Trichlorofluoromethane	20.0	16.9	84	10	30	50-120	
Vinyl chloride	20.0	15.7	78	11	30	55-144	
Xylenes, Total	40.0	40.5	101	6	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675594.D

Lab ID: 460-298659-3 MS Client ID: NL-MW-3_20240220 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	18.5	92	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	20.6	103	74-125	
1,1-Dichloroethane	20.0	0.26 U	19.9	99	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.2	91	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	19.4	97	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	18.1	91	58-132	
1,2-Dibromoethane	20.0	0.50 U	19.3	97	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	20.6	103	80-120	
1,2-Dichloroethane	20.0	0.43 U	18.2	91	66-129	
1,2-Dichloropropane	20.0	0.35 U	19.0	95	68-128	
1,3-Dichlorobenzene	20.0	0.34 U	20.9	105	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	20.6	103	80-120	
2-Butanone	100	1.9 U	86.1	86	61-142	
2-Hexanone	100	1.1 U	98.5	99	61-134	
4-Methyl-2-pentanone	100	1.3 U	106	106	69-139	
Acetone	100	4.4 U	90.3	90	49-149	
Benzene	20.0	6.0	27.6	108	71-126	
Bromodichloromethane	20.0	0.34 U	17.9	90	76-121	
Bromoform	20.0	0.54 U	17.7	89	58-136	
Bromomethane	20.0	0.55 U	11.8	59	10-120	
Carbon disulfide	20.0	0.82 U	18.4	92	68-138	
Carbon tetrachloride	20.0	0.21 U	18.2	91	65-142	
Chlorobenzene	20.0	0.38 U	20.5	103	80-120	
Chloroethane	20.0	0.32 U	22.0	110	48-150	
Chloroform	20.0	1.0	19.2	91	78-125	
Chloromethane	20.0	0.40 U	17.6	88	43-140	
cis-1,2-Dichloroethene	20.0	2.4	19.8	87	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	22.2	111	74-125	
Cyclohexane	20.0	30	40.5	51	60-142	*
Dibromochloromethane	20.0	0.28 U	19.9	100	69-130	
Dichlorodifluoromethane	20.0	0.31 U	15.2	76	27-120	
Ethylbenzene	20.0	2.3	22.9	103	78-120	
Freon TF	20.0	0.31 U	18.1	90	51-142	
Isopropylbenzene	20.0	14	34.1	98	79-125	
Methylcyclohexane	20.0	13	29.9	83	49-149	
Methylene Chloride	20.0	0.32 U	19.9	99	74-127	
MTBE	20.0	0.85 J	20.2	97	72-131	
Styrene	20.0	0.42 U	21.3	106	82-127	
Tetrachloroethene	20.0	0.25 U	19.8	99	70-127	
Toluene	20.0	0.38 U	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	0.71 J	18.8	90	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675594.D

Lab ID: 460-298659-3 MS Client ID: NL-MW-3_20240220 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	22.1	111	66-127	
Trichloroethene	20.0	85	97.9	63	51-121	
Trichlorofluoromethane	20.0	0.32 U	18.9	94	50-120	
Vinyl chloride	20.0	0.17 U	17.0	85	55-144	
Xylenes, Total	40.0	0.70 J	42.5	104	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675595.D

Lab ID: 460-298659-3 MSD Client ID: NL-MW-3_20240220 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	19.1	95	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.9	114	4	30	63-139	
1,1,2-Trichloroethane	20.0	21.2	106	3	30	74-125	
1,1-Dichloroethane	20.0	20.7	103	4	30	73-130	
1,1-Dichloroethene	20.0	18.5	92	2	30	68-133	
1,2,4-Trichlorobenzene	20.0	20.9	104	7	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	2	30	58-132	
1,2-Dibromoethane	20.0	20.2	101	4	30	79-126	
1,2-Dichlorobenzene	20.0	21.7	108	5	30	80-120	
1,2-Dichloroethane	20.0	18.5	93	2	30	66-129	
1,2-Dichloropropane	20.0	19.7	98	4	30	68-128	
1,3-Dichlorobenzene	20.0	21.8	109	4	30	80-120	
1,4-Dichlorobenzene	20.0	21.4	107	4	30	80-120	
2-Butanone	100	90.2	90	5	30	61-142	
2-Hexanone	100	102	102	3	30	61-134	
4-Methyl-2-pentanone	100	109	109	3	30	69-139	
Acetone	100	92.5	92	2	30	49-149	
Benzene	20.0	28.1	110	2	30	71-126	
Bromodichloromethane	20.0	19.0	95	6	30	76-121	
Bromoform	20.0	18.2	91	3	30	58-136	
Bromomethane	20.0	17.4	87	39	30	10-120	*
Carbon disulfide	20.0	18.9	94	3	30	68-138	
Carbon tetrachloride	20.0	18.8	94	4	30	65-142	
Chlorobenzene	20.0	21.5	107	5	30	80-120	
Chloroethane	20.0	22.8	114	3	30	48-150	
Chloroform	20.0	19.7	93	2	30	78-125	
Chloromethane	20.0	18.2	91	3	30	43-140	
cis-1,2-Dichloroethene	20.0	20.9	92	5	30	78-121	
cis-1,3-Dichloropropene	20.0	22.8	114	2	30	74-125	
Cyclohexane	20.0	41.0	53	1	30	60-142	*
Dibromochloromethane	20.0	20.5	103	3	30	69-130	
Dichlorodifluoromethane	20.0	15.3	76	0	30	27-120	
Ethylbenzene	20.0	23.8	108	4	30	78-120	
Freon TF	20.0	18.7	94	3	30	51-142	
Isopropylbenzene	20.0	35.2	104	3	30	79-125	
Methylcyclohexane	20.0	29.8	83	0	30	49-149	
Methylene Chloride	20.0	20.3	102	2	30	74-127	
MTBE	20.0	20.4	98	1	30	72-131	
Styrene	20.0	22.0	110	4	30	82-127	
Tetrachloroethene	20.0	20.5	102	3	30	70-127	
Toluene	20.0	21.5	108	3	30	78-120	
trans-1,2-Dichloroethene	20.0	19.0	91	1	30	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675595.D

Lab ID: 460-298659-3 MSD Client ID: NL-MW-3_20240220 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	22.8	114	3	30	66-127	
Trichloroethene	20.0	99.3	70	1	30	51-121	
Trichlorofluoromethane	20.0	19.7	98	4	30	50-120	
Vinyl chloride	20.0	17.1	86	1	30	55-144	
Xylenes, Total	40.0	44.3	109	4	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.: 460-298659-1

SDG No.:

Lab File ID: T675586.D Lab Sample ID: MB 460-961143/8

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

Instrument ID: CVOAMS15 Date Analyzed: 02/26/2024 08:57

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 460-961143/4	T675582.D	02/26/2024 07:25
	LCSD 460-961143/5	T675583.D	02/26/2024 07:48
NL-MW-TB-01_20240220	460-298659-5	T675587.D	02/26/2024 09:19
NL-MW-FB-01_20240220	460-298659-6	T675588.D	02/26/2024 09:42
NL-MW-1E_20240220	460-298659-1	T675589.D	02/26/2024 10:05
NL-MW-2E_20240220	460-298659-2	T675590.D	02/26/2024 10:27
NL-MW-Dup_20240220	460-298659-4	T675591.D	02/26/2024 10:50
NL-MW-3_20240220	460-298659-3	T675592.D	02/26/2024 11:13
NL-MW-3_20240220 MS	460-298659-3 MS	T675594.D	02/26/2024 11:58
NL-MW-3_20240220 MSD	460-298659-3 MSD	T675595.D	02/26/2024 12:20

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

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab File ID: T675075a.D BFB Injection Date: 02/12/2024

Instrument ID: CVOAMS15 BFB Injection Time: 21:52

Analysis Batch No.: 959077

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	86.0
96	5 - 9% of m/z 95	7.4
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	116.2
175	5 - 9% of m/z 174	8.4
176	95 -105% of m/z 174	95.5
177	5 - 10% of m/z 176	7.0

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 460-959077/3	T675077.D	02/12/2024	23:40
	STD05 460-959077/4	T675078.D	02/13/2024	0:03
	STD1 460-959077/5	T675079.D	02/13/2024	0:26
	STD5 460-959077/6	T675080.D	02/13/2024	0:49
	STD20 460-959077/7	T675081.D	02/13/2024	1:11
	STD50 460-959077/8	T675082.D	02/13/2024	1:34
	STD200 460-959077/9	T675083.D	02/13/2024	1:57
	STD500 460-959077/10	T675084.D	02/13/2024	2:20
	ICV 460-959077/15	T675089.D	02/13/2024	4:14

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

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Sample No.: STD20 460-959077/7 Date Analyzed: 02/13/2024 01:11

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675081.D Heated Purge: (Y/N) N

Calibration ID: 96005

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		66341	3.23	360784	4.44	561646	5.70
UPPER LIMIT		132682	3.73	721568	4.94	1123292	6.20
LOWER LIMIT		33171	2.73	180392	3.94	280823	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-959077/15		65790	3.23	369103	4.44	628924	5.70

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.: 460-298659-1

SDG No.:

Sample No.: STD20 460-959077/7 Date Analyzed: 02/13/2024 01:11

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675081.D Heated Purge: (Y/N) N

Calibration ID: 96005

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		54645	6.52	504423	9.83	283357	13.07
UPPER LIMIT		109290	7.02	1008846	10.33	566714	13.57
LOWER LIMIT		27323	6.02	252212	9.33	141679	12.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-959077/15		57921	6.52	567024	9.83	314590	13.07

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.: 460-298659-1

SDG No.:

Sample No.: CCVIS 460-961143/3 Date Analyzed: 02/26/2024 07:00

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675581.D Heated Purge: (Y/N) N

Calibration ID: 96005

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		68989	3.23	432865	4.44	688475	5.70
UPPER LIMIT		137978	3.73	865730	4.94	1376950	6.20
LOWER LIMIT		34495	2.73	216433	3.94	344238	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-961143/4		64822	3.23	410065	4.44	660487	5.70
LCSD 460-961143/5		70820	3.23	441649	4.44	683287	5.70
MB 460-961143/8		63779	3.23	425879	4.44	701303	5.70
460-298659-5	NL-MW-TB-01_20240220	58424	3.23	414549	4.44	692121	5.70
460-298659-6	NL-MW-FB-01_20240220	60580	3.23	426484	4.44	695260	5.70
460-298659-1	NL-MW-1E_20240220	55825	3.23	397030	4.44	674085	5.70
460-298659-2	NL-MW-2E_20240220	52478	3.23	368019	4.44	665446	5.70
460-298659-4	NL-MW-Dup_20240220	48289	3.23	354502	4.44	680703	5.70
460-298659-3	NL-MW-3_20240220	46044	3.23	341847	4.44	686063	5.70
460-298659-3 MS	NL-MW-3_20240220 MS	52640	3.23	364667	4.44	657988	5.70
460-298659-3 MSD	NL-MW-3_20240220 MSD	54180	3.23	361531	4.44	650058	5.70

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.: 460-298659-1

SDG No.:

Sample No.: CCVIS 460-961143/3 Date Analyzed: 02/26/2024 07:00

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675581.D Heated Purge: (Y/N) N

Calibration ID: 96005

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		52949	6.52	531526	9.83	272959	13.07
UPPER LIMIT		105898	7.02	1063052	10.33	545918	13.57
LOWER LIMIT		26475	6.02	265763	9.33	136480	12.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-961143/4		49775	6.52	511152	9.83	266836	13.07
LCSD 460-961143/5		53552	6.52	526665	9.83	273802	13.07
MB 460-961143/8		49862	6.52	525621	9.83	276542	13.07
460-298659-5	NL-MW-TB-01_20240220	46914	6.52	520580	9.83	270556	13.07
460-298659-6	NL-MW-FB-01_20240220	45167	6.52	521804	9.83	275036	13.07
460-298659-1	NL-MW-1E_20240220	41104	6.52	506194	9.83	261957	13.07
460-298659-2	NL-MW-2E_20240220	40694	6.52	497869	9.83	256632	13.07
460-298659-4	NL-MW-Dup_20240220	35765	6.52	503238	9.83	263837	13.07
460-298659-3	NL-MW-3_20240220	35488	6.52	511419	9.83	268034	13.07
460-298659-3 MS	NL-MW-3_20240220 MS	39068	6.52	506154	9.83	259016	13.07
460-298659-3 MSD	NL-MW-3_20240220 MSD	42208	6.53	504715	9.83	255789	13.07

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.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	7.4		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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D
Lims ID: 460-298659-A-1
Client ID: NL-MW-1E_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:05:25 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-1
Misc. Info.: 460-0172710-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	94	55825	1000.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	397030	250.0	
52 Chloroform	83	4.799	4.799	0.000	89	6514	0.7538	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	96	183567	44.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	195404	53.1	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	674085	50.0	
67 Trichloroethene	95	6.115	6.110	0.005	94	40790	7.42	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	41104	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	656205	56.6	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	506194	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	209751	46.6	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	261957	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 14:28:29 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D

Injection Date: 26-Feb-2024 10:05:25 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-1 Lab Sample ID: 460-298659-1

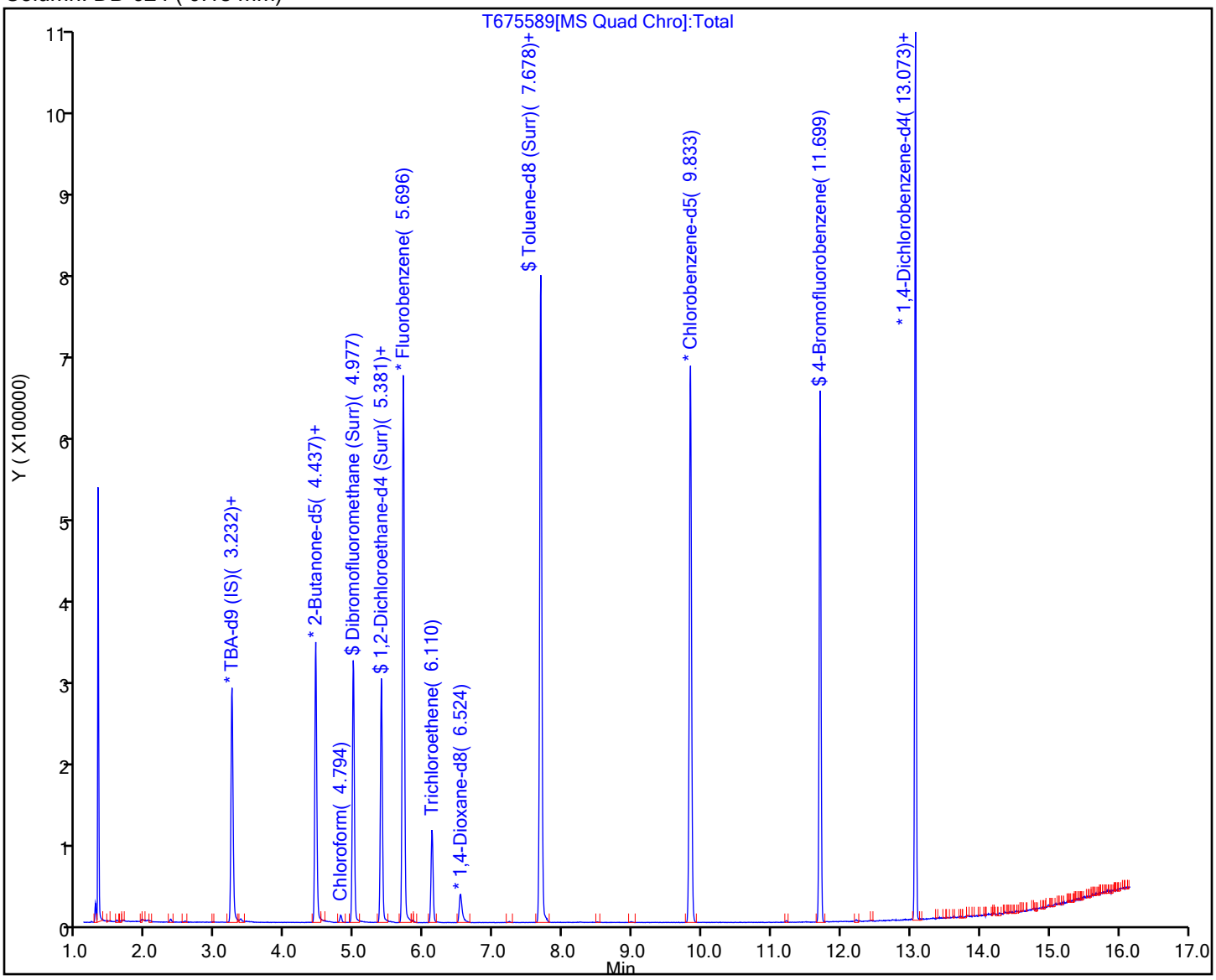
Client ID: NL-MW-1E_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D
Lims ID: 460-298659-A-1
Client ID: NL-MW-1E_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:05:25 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-1
Misc. Info.: 460-0172710-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.5	88.97
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.11
$ 83 Toluene-d8 (Surr)	50.0	56.6	113.26
$ 105 4-Bromofluorobenzene	50.0	46.6	93.26

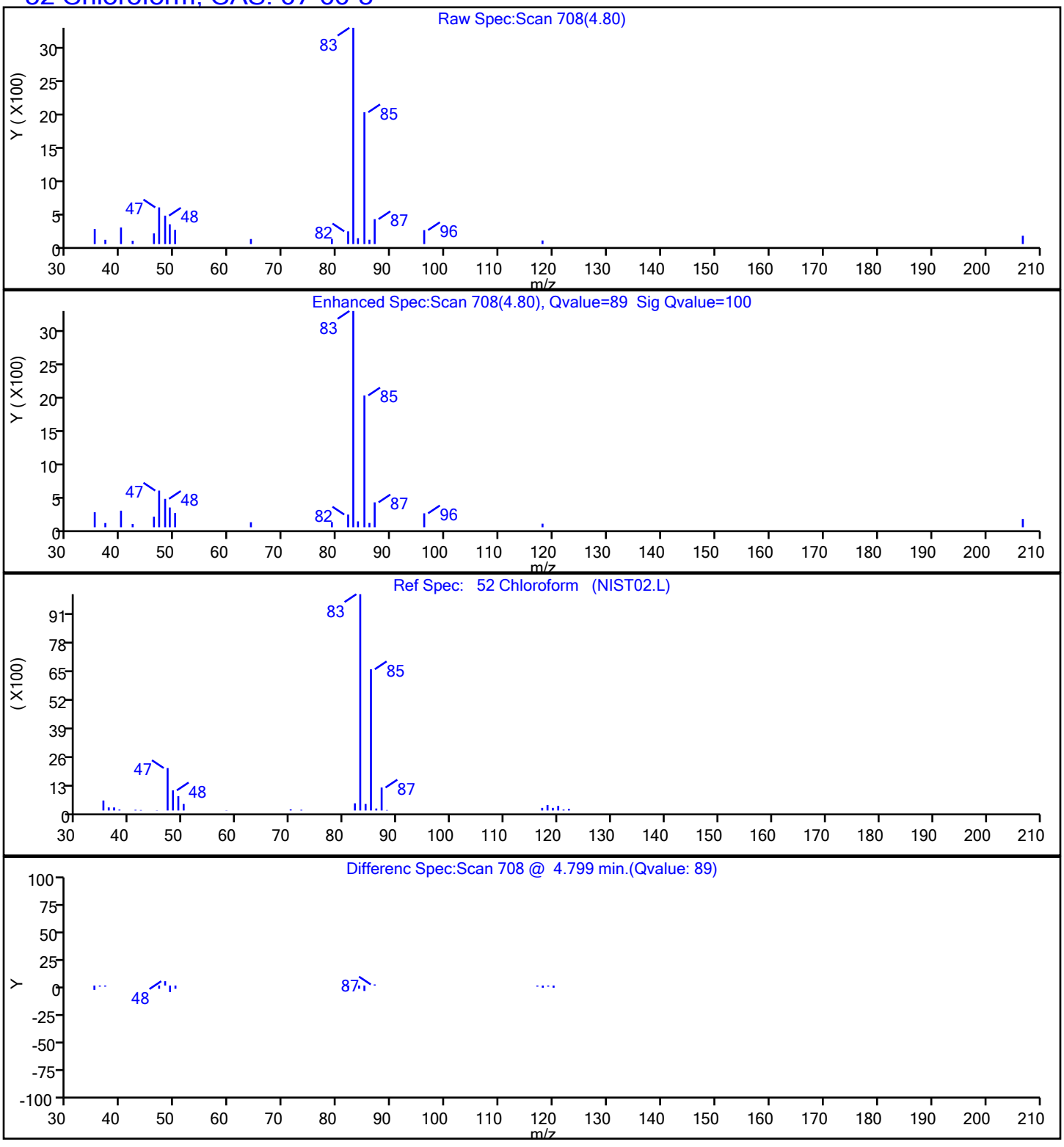
Report Date: 26-Feb-2024 14:28:30 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D

Injection Date:	26-Feb-2024 10:05:25	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-1	Lab Sample ID:	460-298659-1
Client ID:	NL-MW-1E_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



2/27/2024
9:41:16 AM

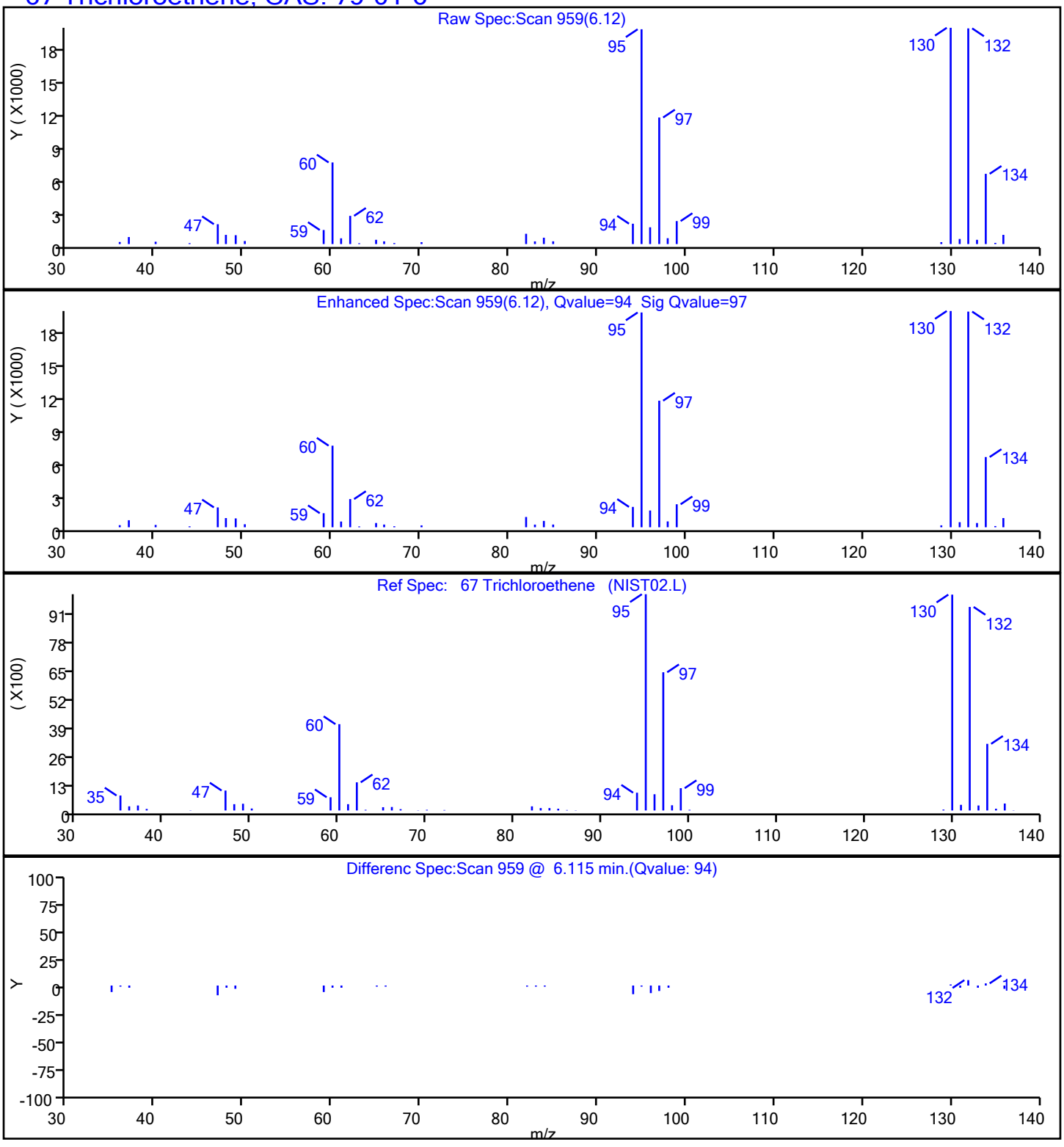
Report Date: 26-Feb-2024 14:28:30 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D

Injection Date:	26-Feb-2024 10:05:25	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-1	Lab Sample ID:	460-298659-1		
Client ID:	NL-MW-1E_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

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	0.29	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	0.26	J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	1.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	5.9		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.51	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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D
Lims ID: 460-298659-A-2
Client ID: NL-MW-2E_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:27:58 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-2
Misc. Info.: 460-0172710-012
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 10:58:42 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.716	0.006	91	3541	0.5080	
* 31 TBA-d9 (IS)	66	3.226	3.232	-0.006	95	52478	1000.0	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	93	9672	1.89	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	46	368019	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	24	1496	0.2577	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	96	184523	45.3	
60 Benzene	78	5.360	5.360	0.000	38	4491	0.2934	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	193124	53.1	
* 65 Fluorobenzene	96	5.696	5.701	-0.005	99	665446	50.0	
67 Trichloroethene	95	6.110	6.110	0.000	91	32051	5.90	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	40694	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	648391	56.9	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	497869	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	206782	46.7	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	256632	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date: 26-Feb-2024 10:27:58 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-2 Lab Sample ID: 460-298659-2

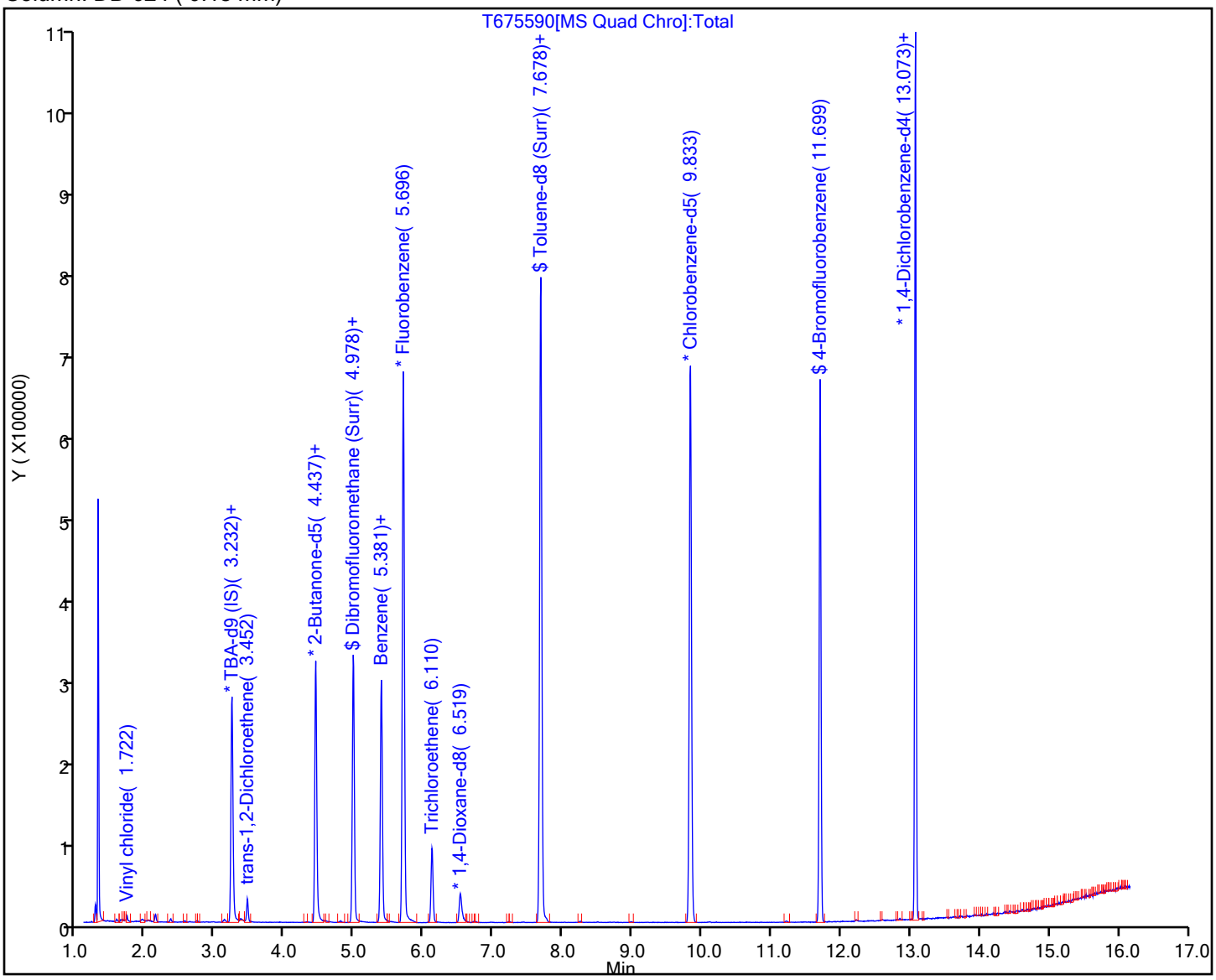
Client ID: NL-MW-2E_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D				
Lims ID:	460-298659-A-2				
Client ID:	NL-MW-2E_20240220				
Sample Type:	Client				
Inject. Date:	26-Feb-2024 10:27:58	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-298659-A-2				
Misc. Info.:	460-0172710-012				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	26-Feb-2024 10:58:42	Calib Date:	13-Feb-2024 02:20:26		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1654				

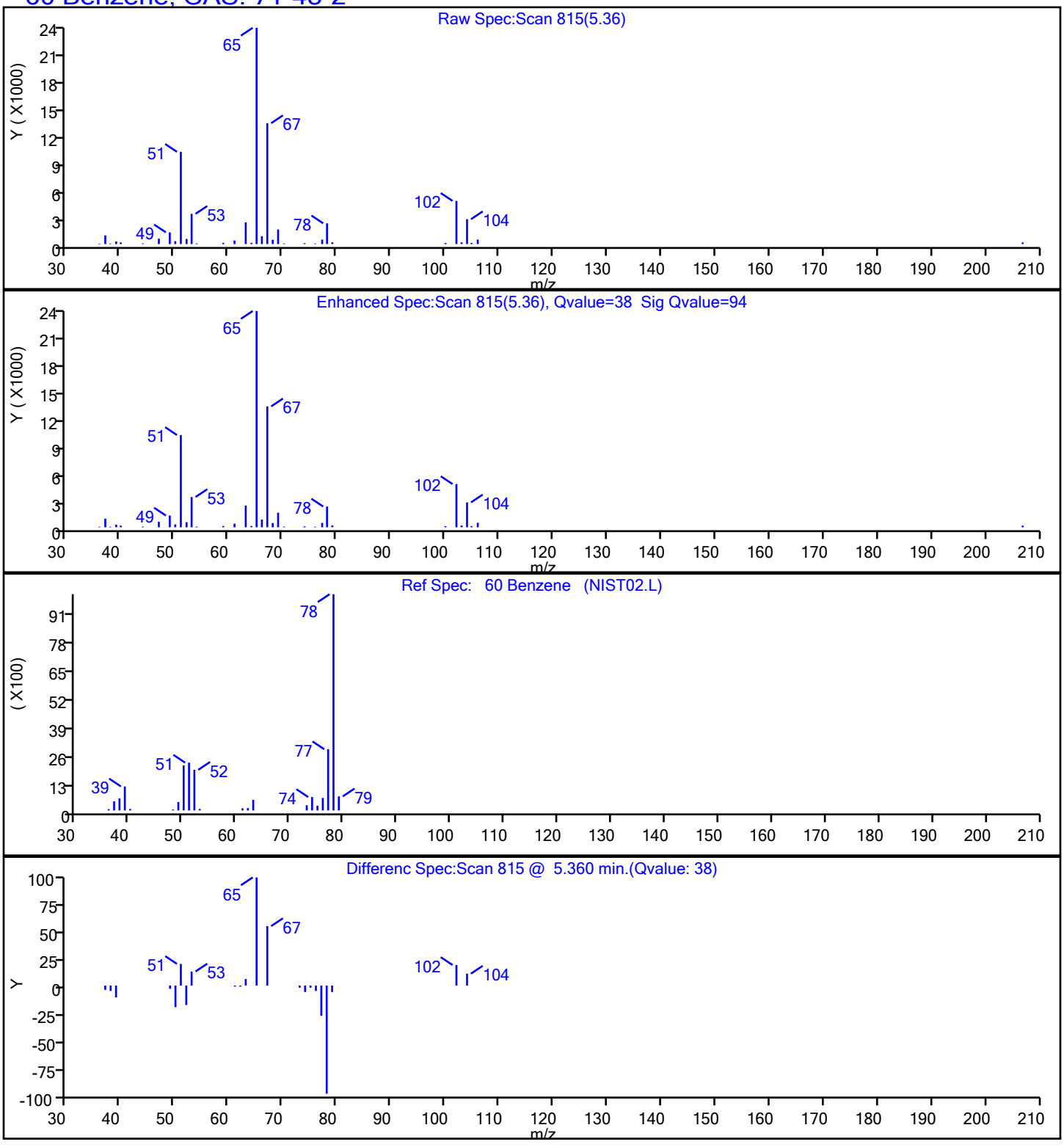
First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.3	90.60
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.23
$ 83 Toluene-d8 (Surr)	50.0	56.9	113.79
$ 105 4-Bromofluorobenzene	50.0	46.7	93.47

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D
Injection Date: 26-Feb-2024 10:27:58 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-2 Lab Sample ID: 460-298659-2
Client ID: NL-MW-2E_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2



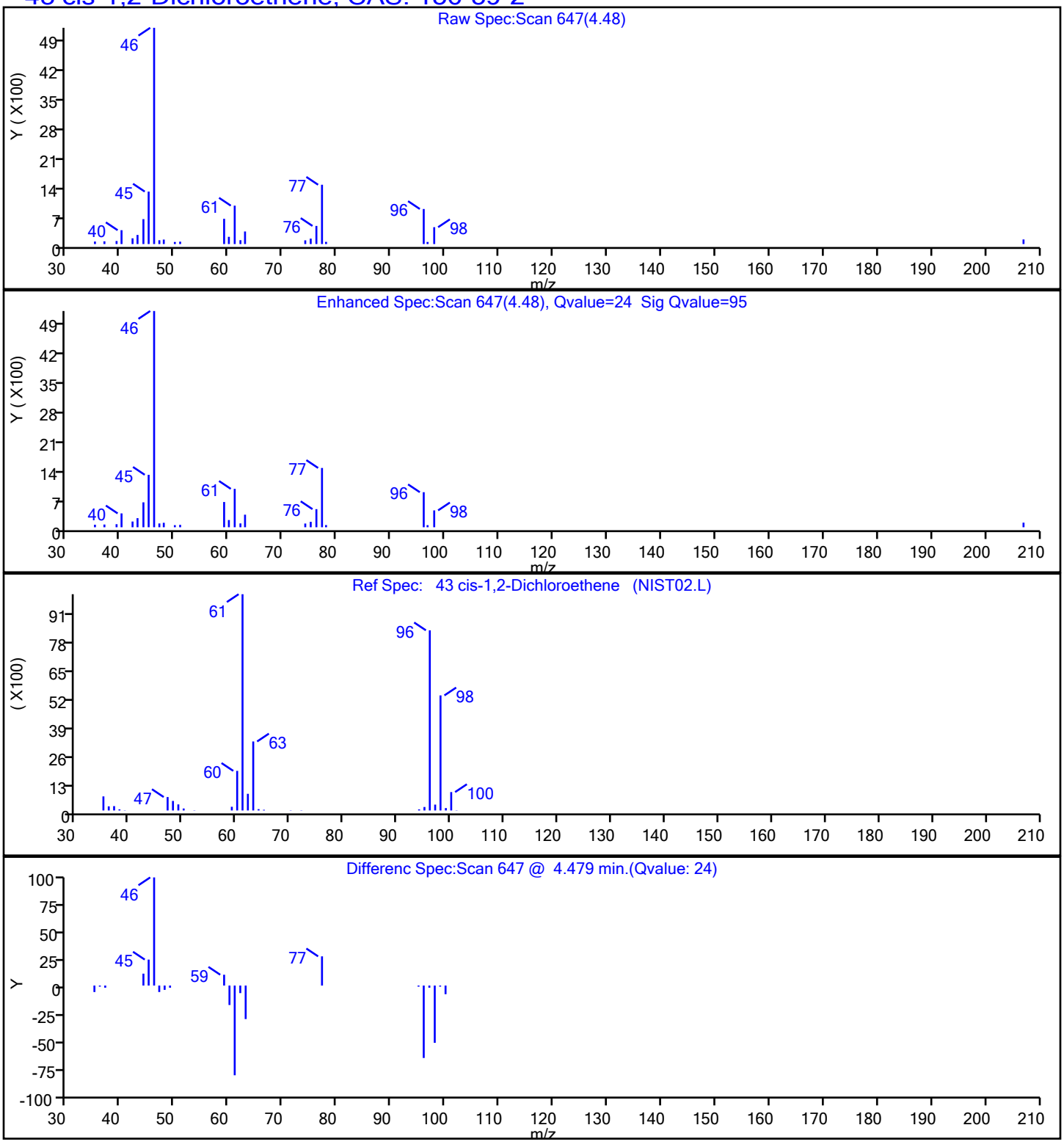
Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2		
Client ID:	NL-MW-2E_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



2/27/2024
9:41:16 AM

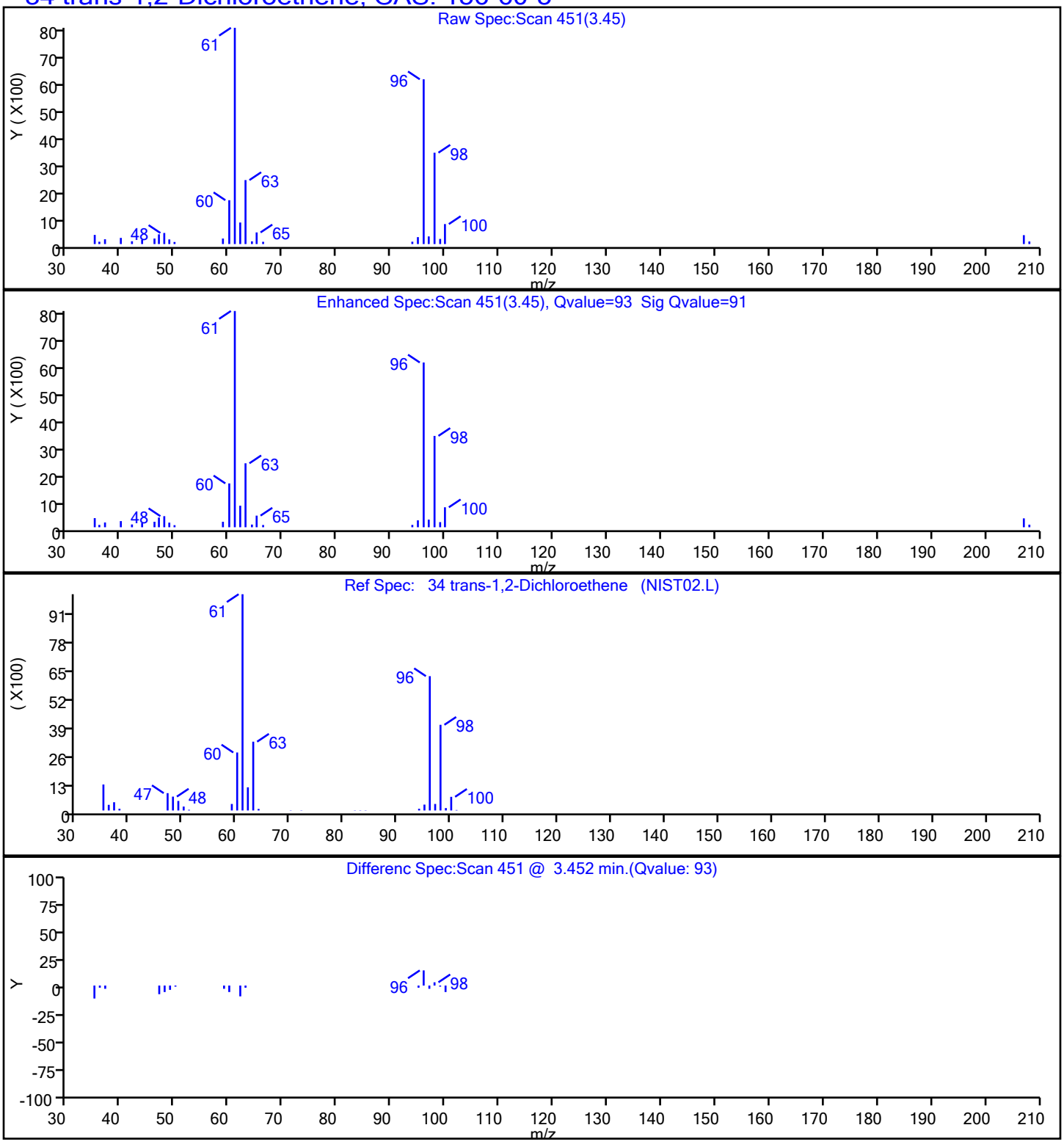
Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2
Client ID:	NL-MW-2E_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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



2/27/2024
9:41:16 AM

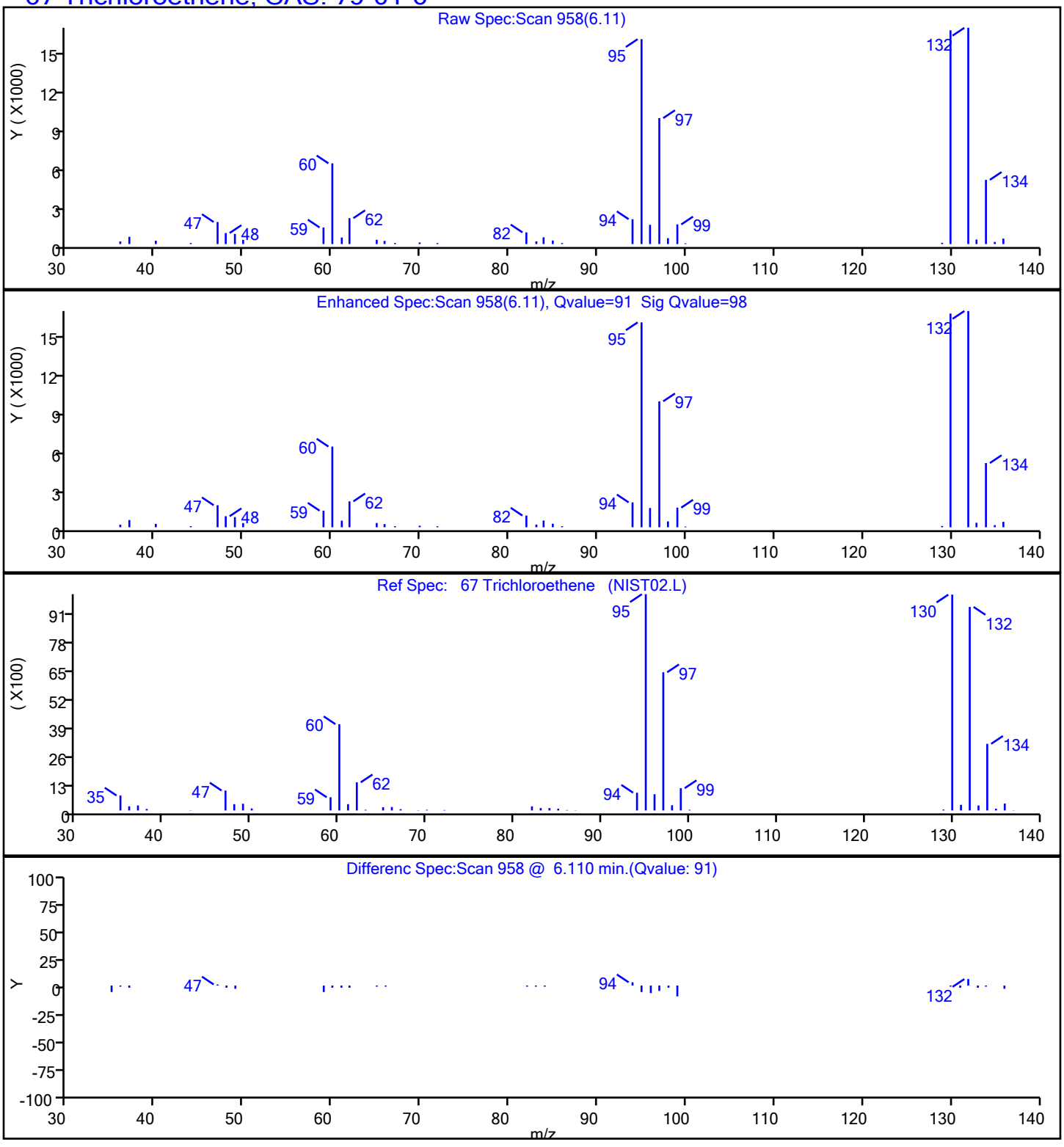
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2
Client ID:	NL-MW-2E_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



2/27/2024
9:41:16 AM

Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date: 26-Feb-2024 10:27:58 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-2 Lab Sample ID: 460-298659-2

Client ID: NL-MW-2E_20240220

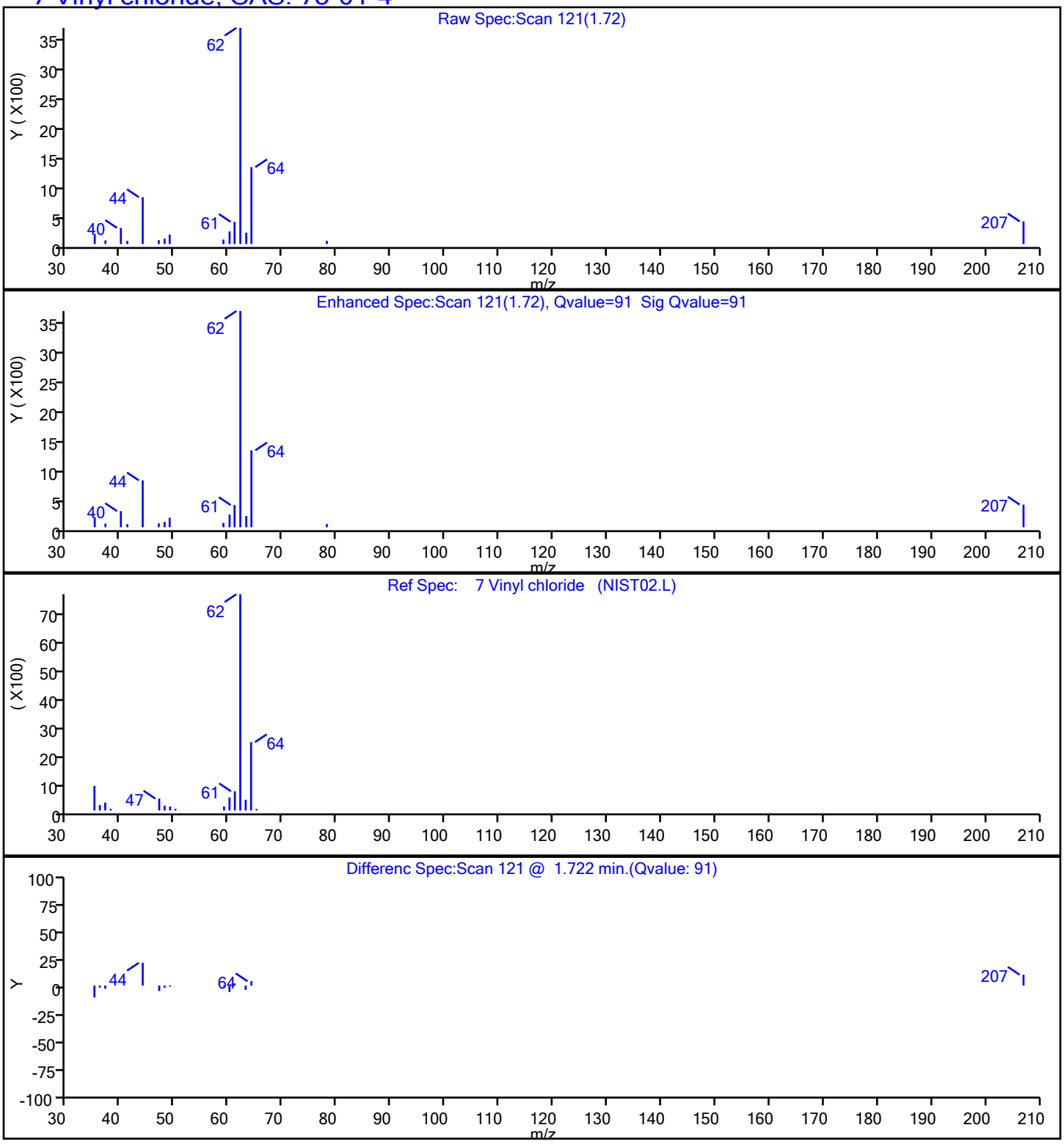
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



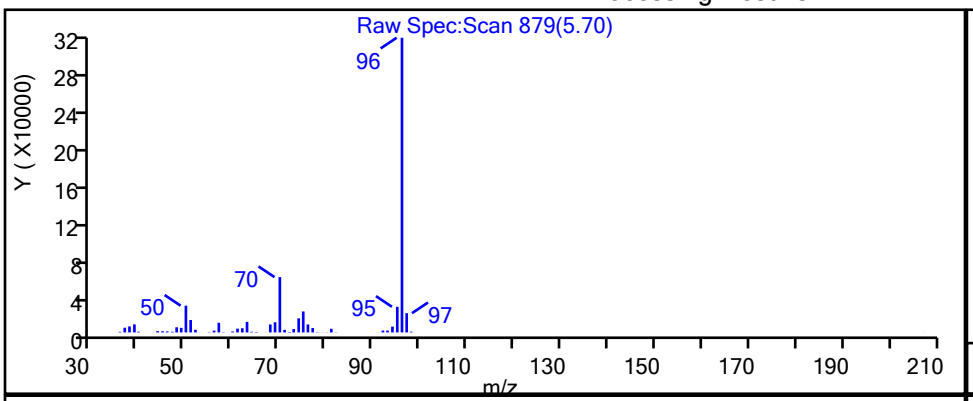
User Disabled Compound Report

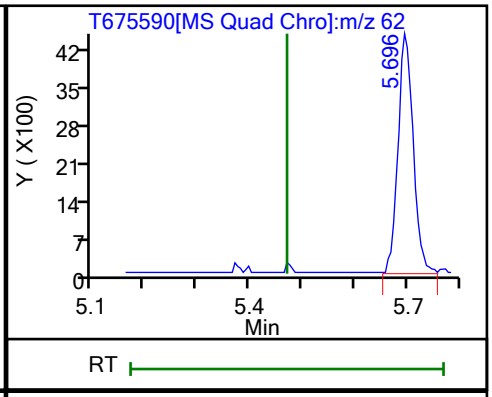
Eurofins Edison

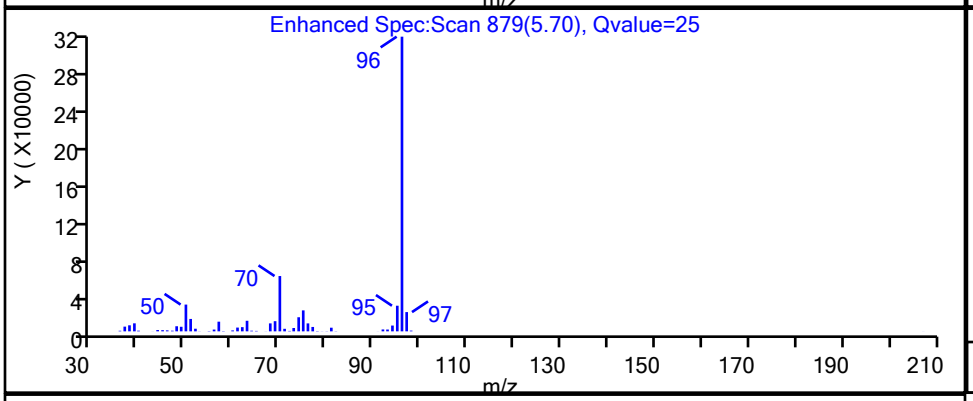
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Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2		
Client ID:	NL-MW-2E_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

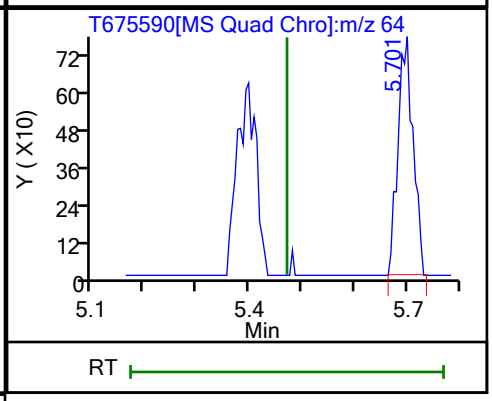
61 1,2-Dichloroethane, CAS: 107-06-2

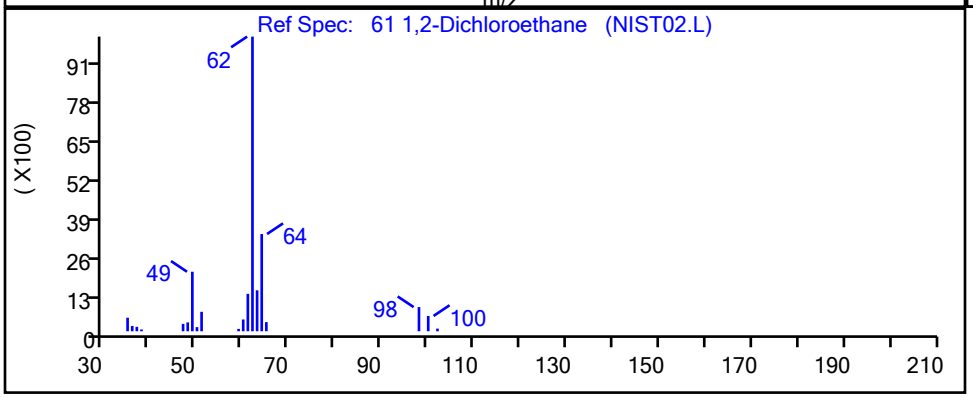
Processing Results











RT	Mass	Response	Amount
5.70	62.00	8959	1.593826
5.70	64.00	1564	

Reviewer: FK2C, 26-Feb-2024 10:58:31 -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.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

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	6.0		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	30		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
100-41-4	Ethylbenzene	2.3		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	13		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.85	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	0.71	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	85		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	0.70	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Lims ID: 460-298659-A-3
Client ID: NL-MW-3_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 11:13:04 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3
Misc. Info.: 460-0172710-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:32:26 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
13 Pentane	72	2.351	2.346	0.005	97	3789	5.20	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	94	46044	1000.0	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	55	10802	0.8528	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	76	3754	0.7114	
36 Hexane	57	3.625	3.625	0.000	78	3253	0.7408	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	46	341847	250.0	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	90	14498	2.42	
52 Chloroform	83	4.799	4.799	0.000	79	8964	1.02	
55 Cyclohexane	84	4.941	4.936	0.005	90	192491	30.3	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	183753	43.8	
62 Isooctane	57	5.324	5.329	-0.005	33	11225	1.33	
60 Benzene	78	5.360	5.360	0.000	94	94722	6.02	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	90	196376	52.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	686063	50.0	
67 Trichloroethene	95	6.110	6.110	0.000	95	477426	85.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	94	83796	13.2	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	35488	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	664825	56.8	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	511419	50.0	
97 Ethylbenzene	106	10.011	10.016	-0.005	97	13589	2.27	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	88	5101	0.7033	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	244097	14.4	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	97	215448	47.4	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	143443	7.68	
112 4-Ethyltoluene	105	12.145	12.150	-0.005	91	6944	0.4435	
116 tert-Butylbenzene	119	12.596	12.601	-0.005	92	19798	1.86	
118 sec-Butylbenzene	105	12.848	12.848	0.000	99	79178	5.25	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	268034	50.0	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	96	20008	1.54	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	85	40377	2.99	
127 p-Diethylbenzene	119	13.403	13.403	0.000	89	12245	1.59	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
128 n-Butylbenzene	92	13.424	13.430	-0.006	90	3402	0.5676	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	87	5466	0.5087	
S 136 1,2-Dichloroethene, Total	100				0		3.13	
S 137 Xylenes, Total	100				0		0.7033	
S 140 Total BTEX	1				0		9.00	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 14:32:27 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3

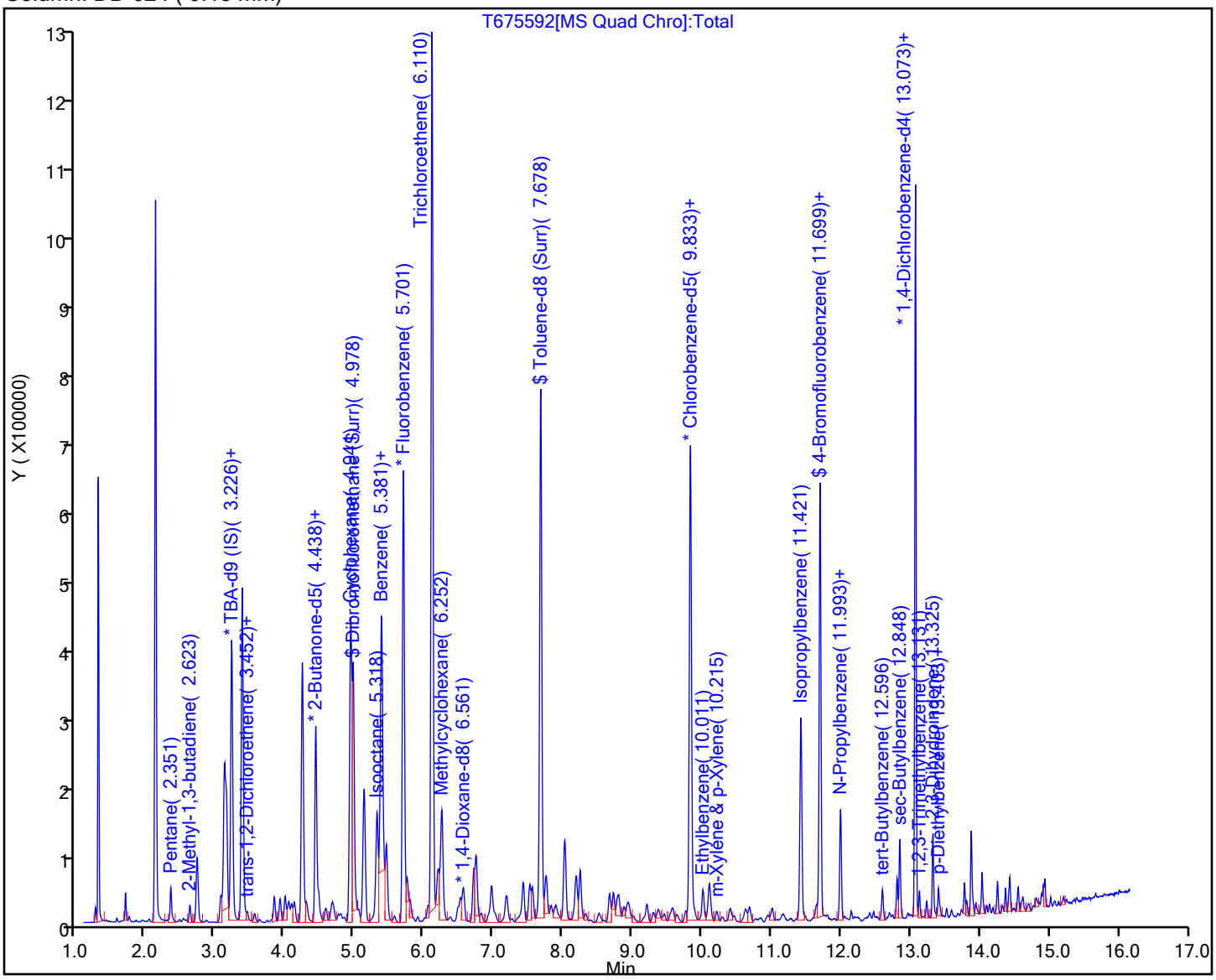
Client ID: NL-MW-3_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Lims ID:	460-298659-A-3				
Client ID:	NL-MW-3_20240220				
Sample Type:	Client				
Inject. Date:	26-Feb-2024 11:13:04	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-298659-A-3				
Misc. Info.:	460-0172710-014				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	26-Feb-2024 14:32:26	Calib Date:	13-Feb-2024 02:20:26		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1641				

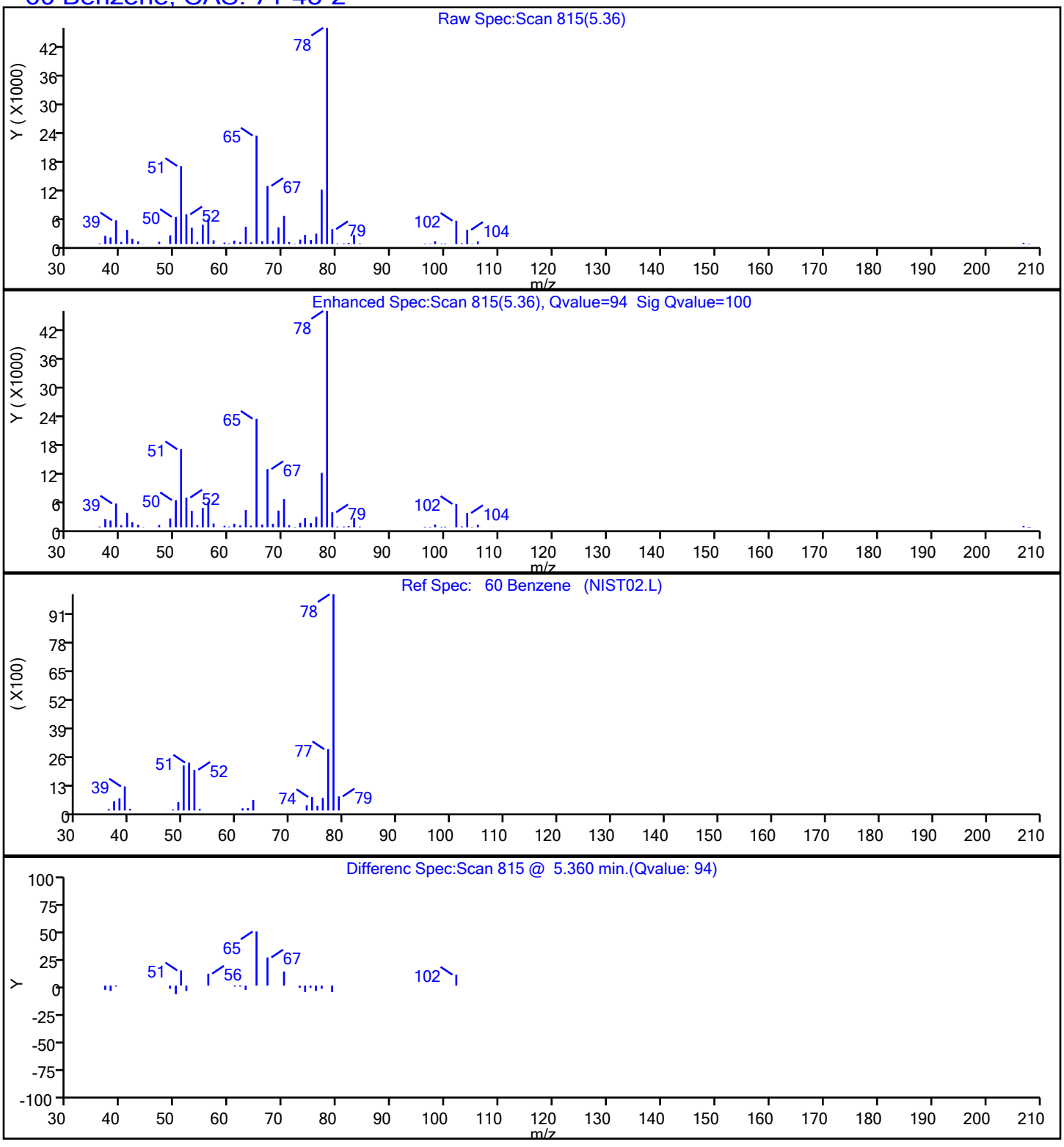
First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.8	87.51
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.78
$ 83 Toluene-d8 (Surr)	50.0	56.8	113.58
$ 105 4-Bromofluorobenzene	50.0	47.4	94.81

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3
Client ID: NL-MW-3_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

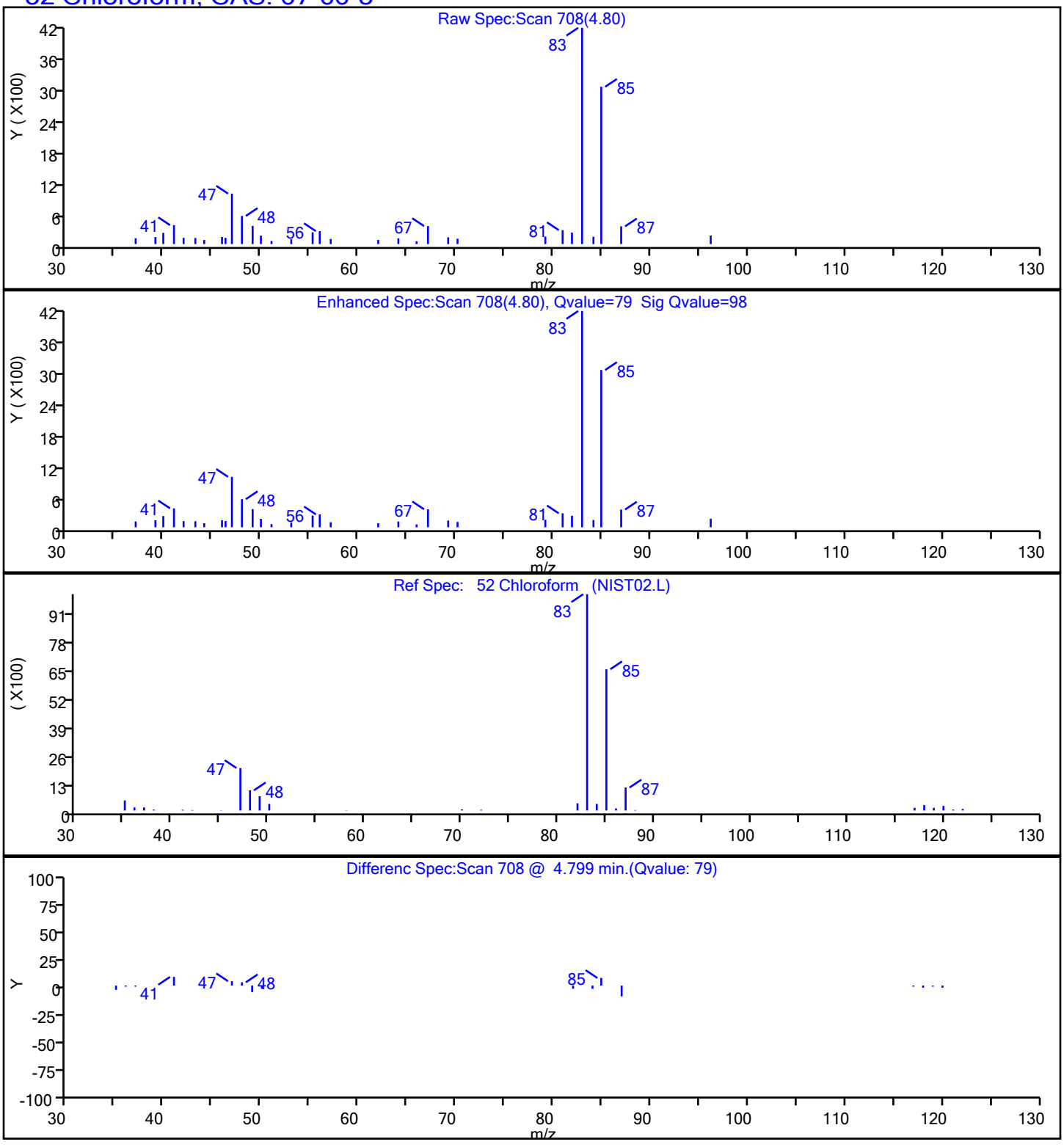
60 Benzene, CAS: 71-43-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3
Client ID: NL-MW-3_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



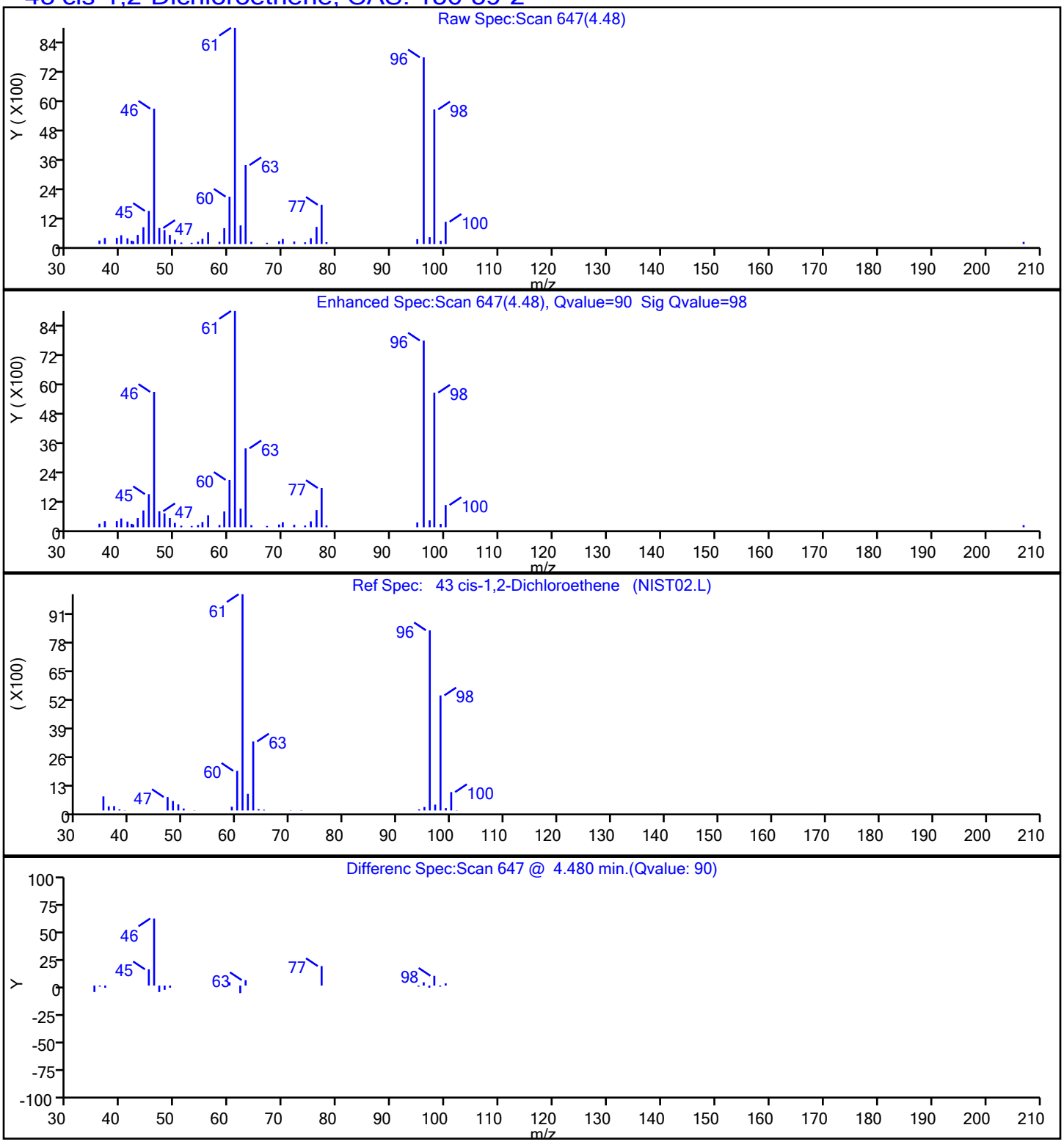
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



2/27/2024
9:41:16 AM

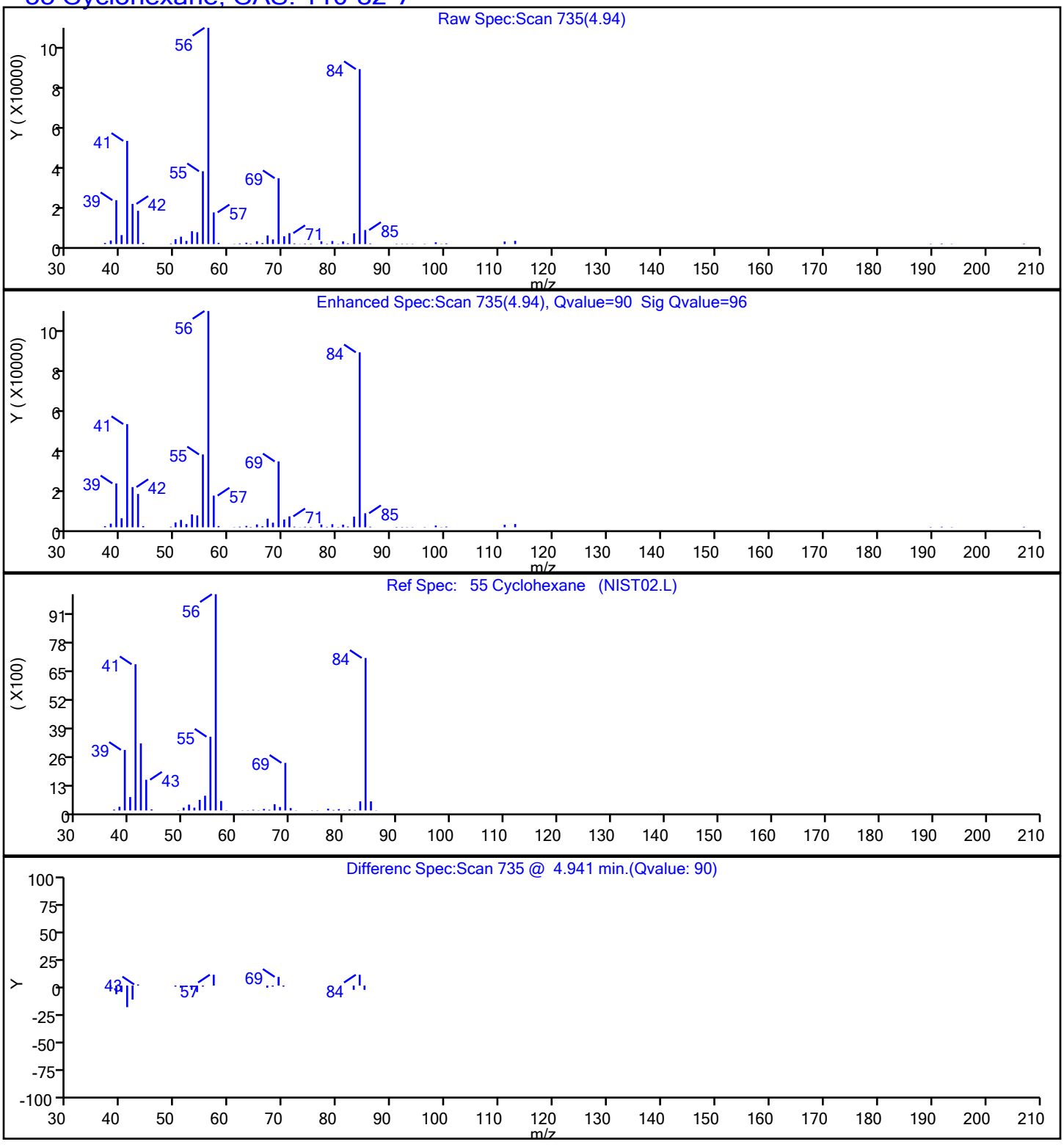
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



2/27/2024
9:41:16 AM

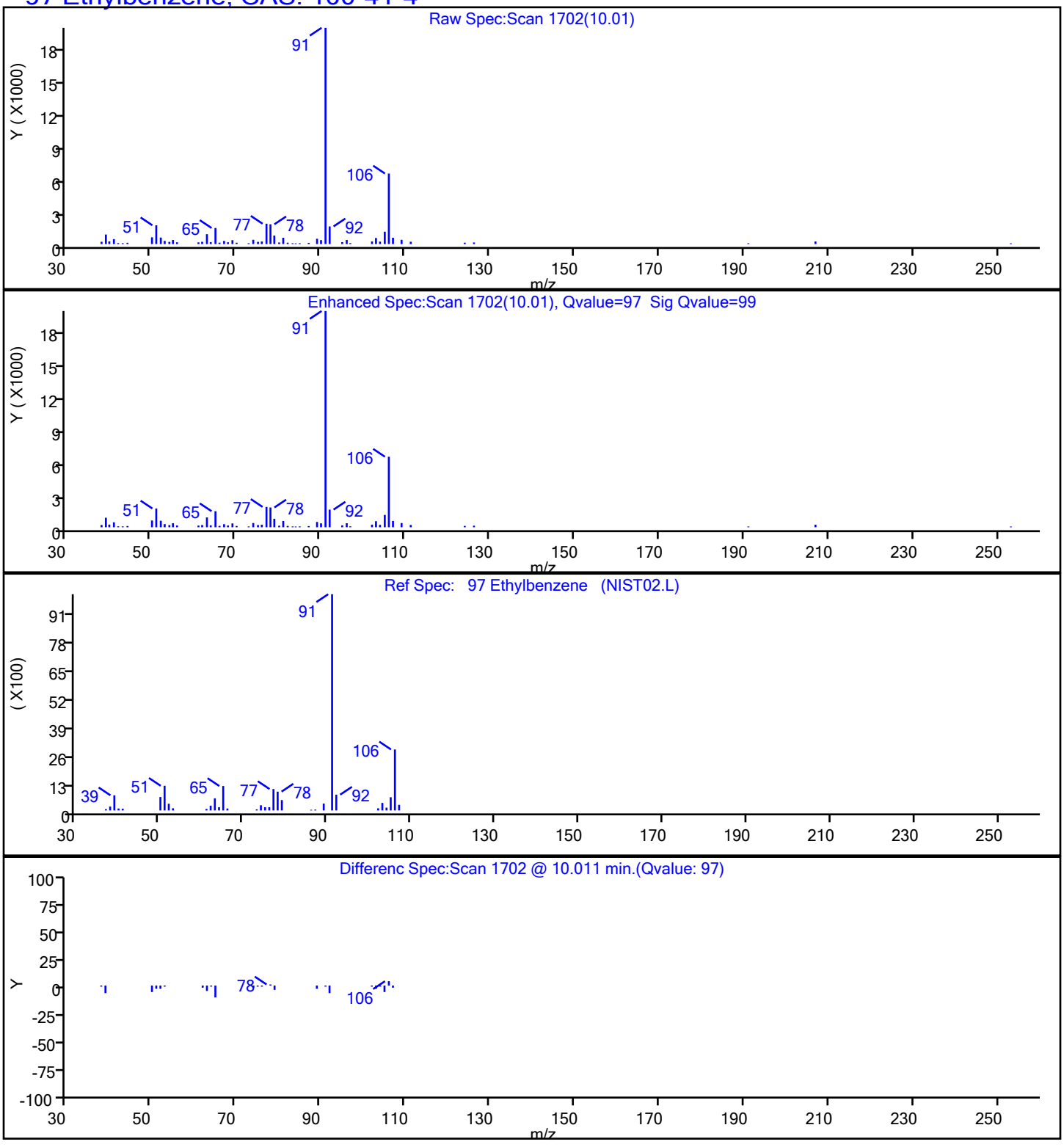
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

97 Ethylbenzene, CAS: 100-41-4



2/27/2024
9:41:16 AM

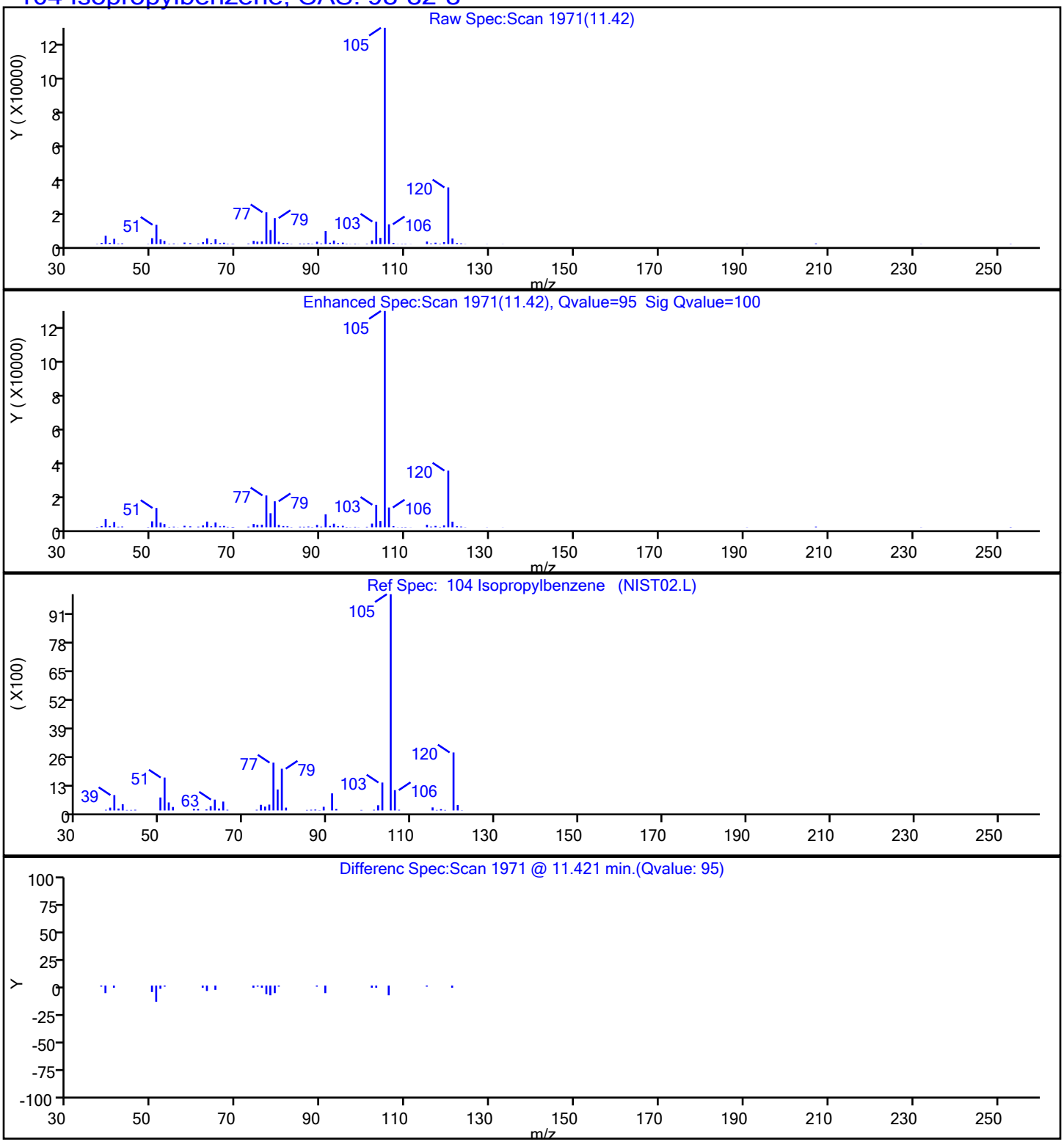
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3
Client ID:	NL-MW-3_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

104 Isopropylbenzene, CAS: 98-82-8



2/27/2024
9:41:16 AM

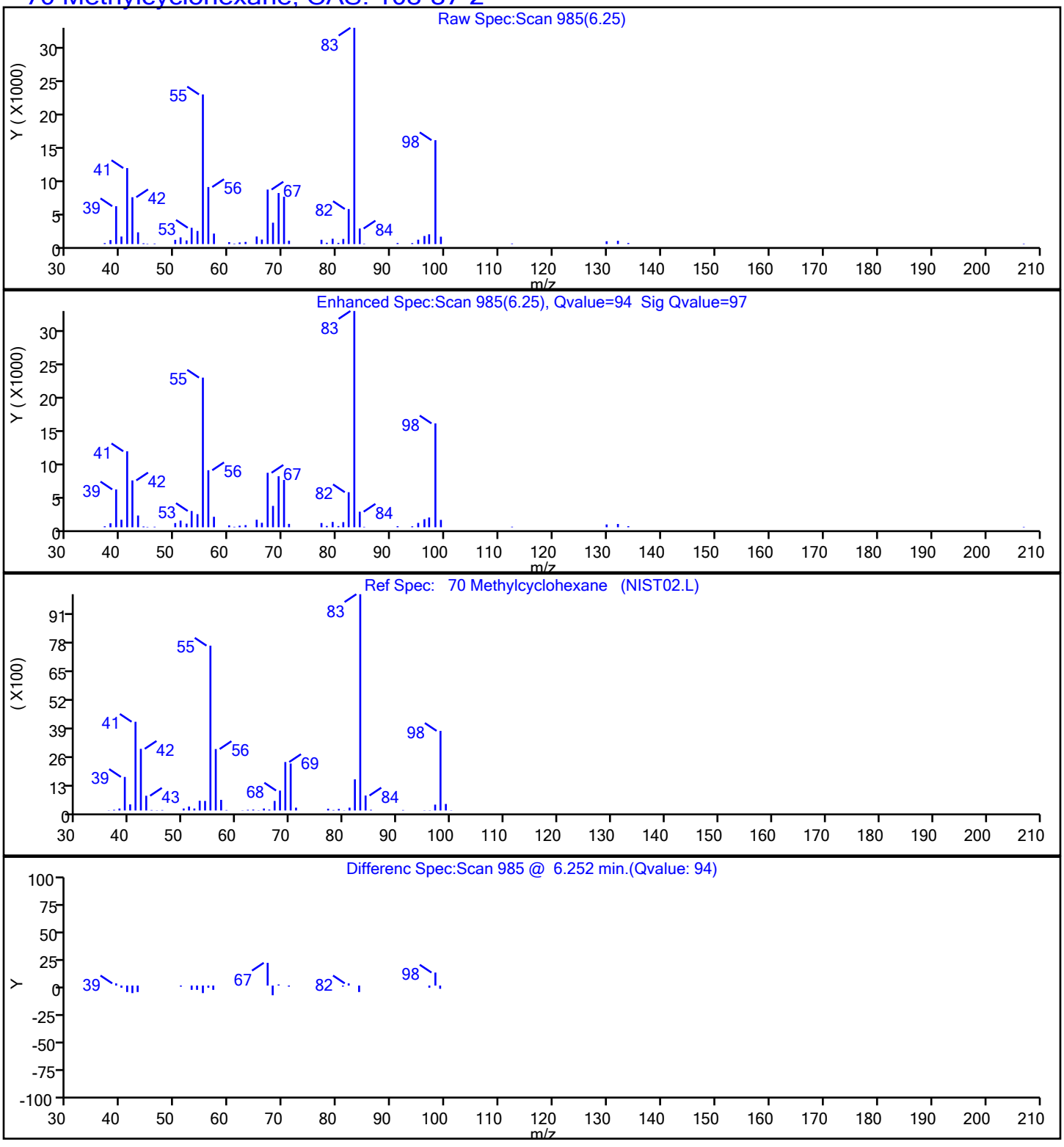
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3
Client ID:	NL-MW-3_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

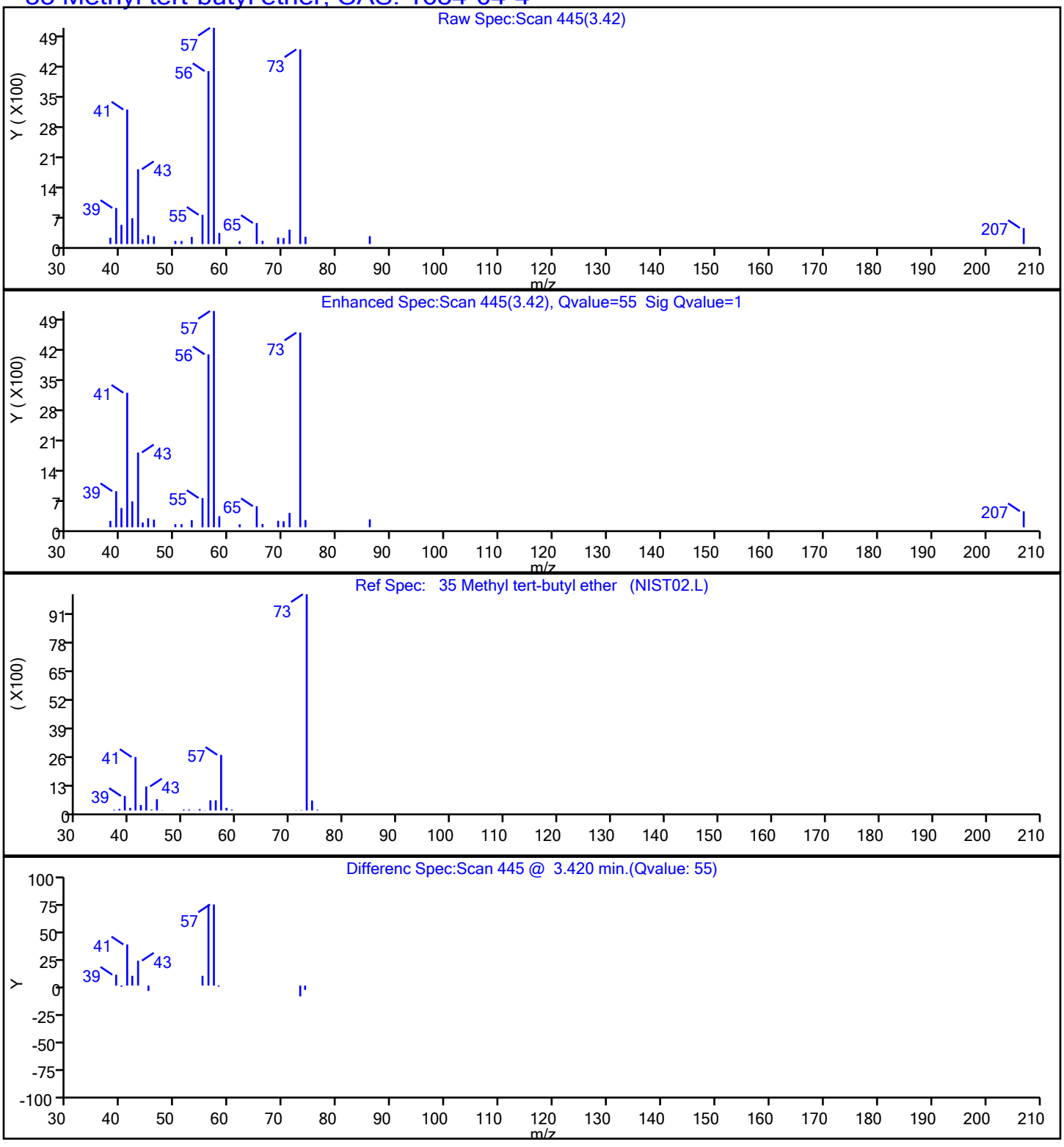
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3
Client ID: NL-MW-3_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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



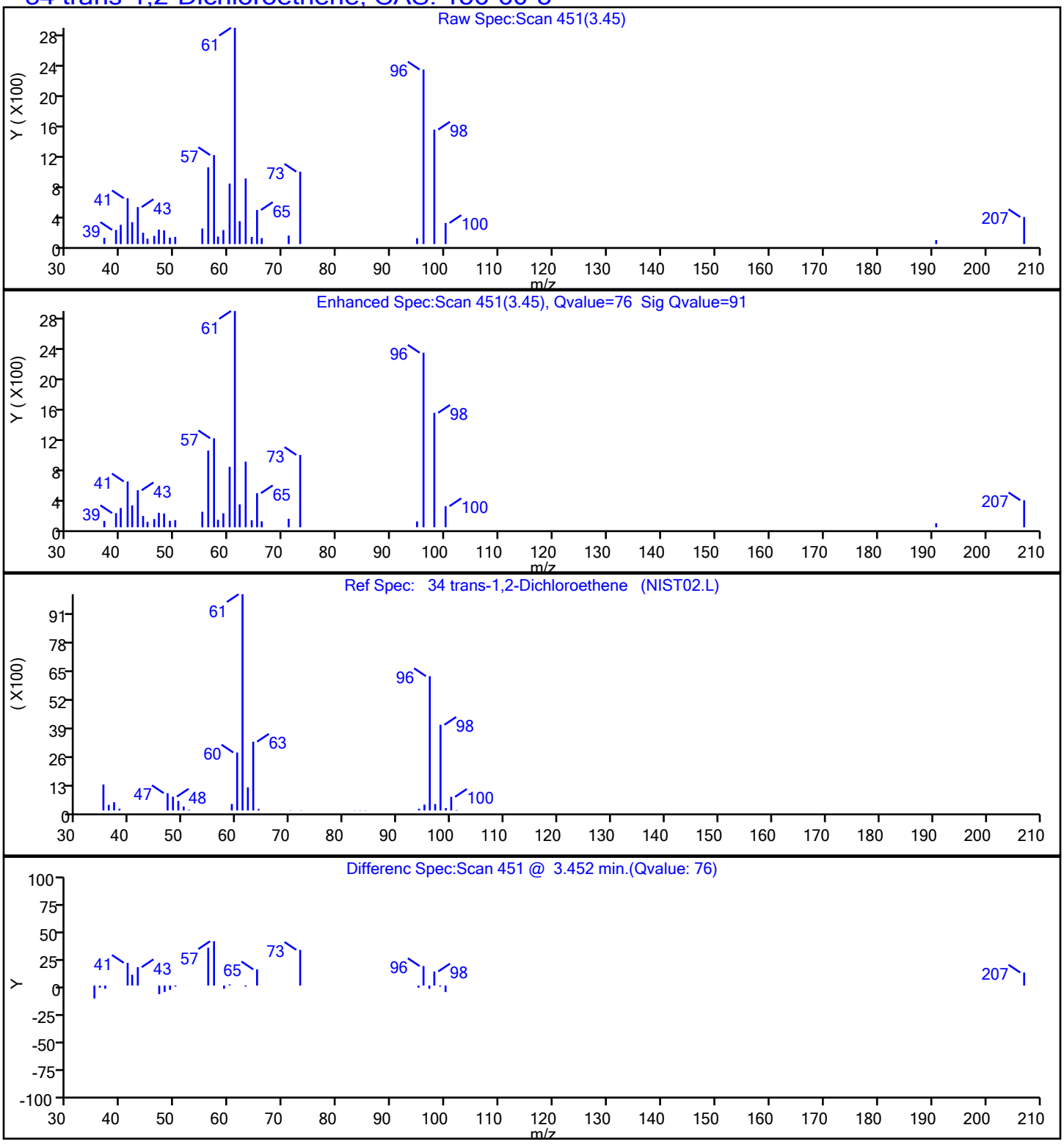
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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



2/27/2024
9:41:16 AM

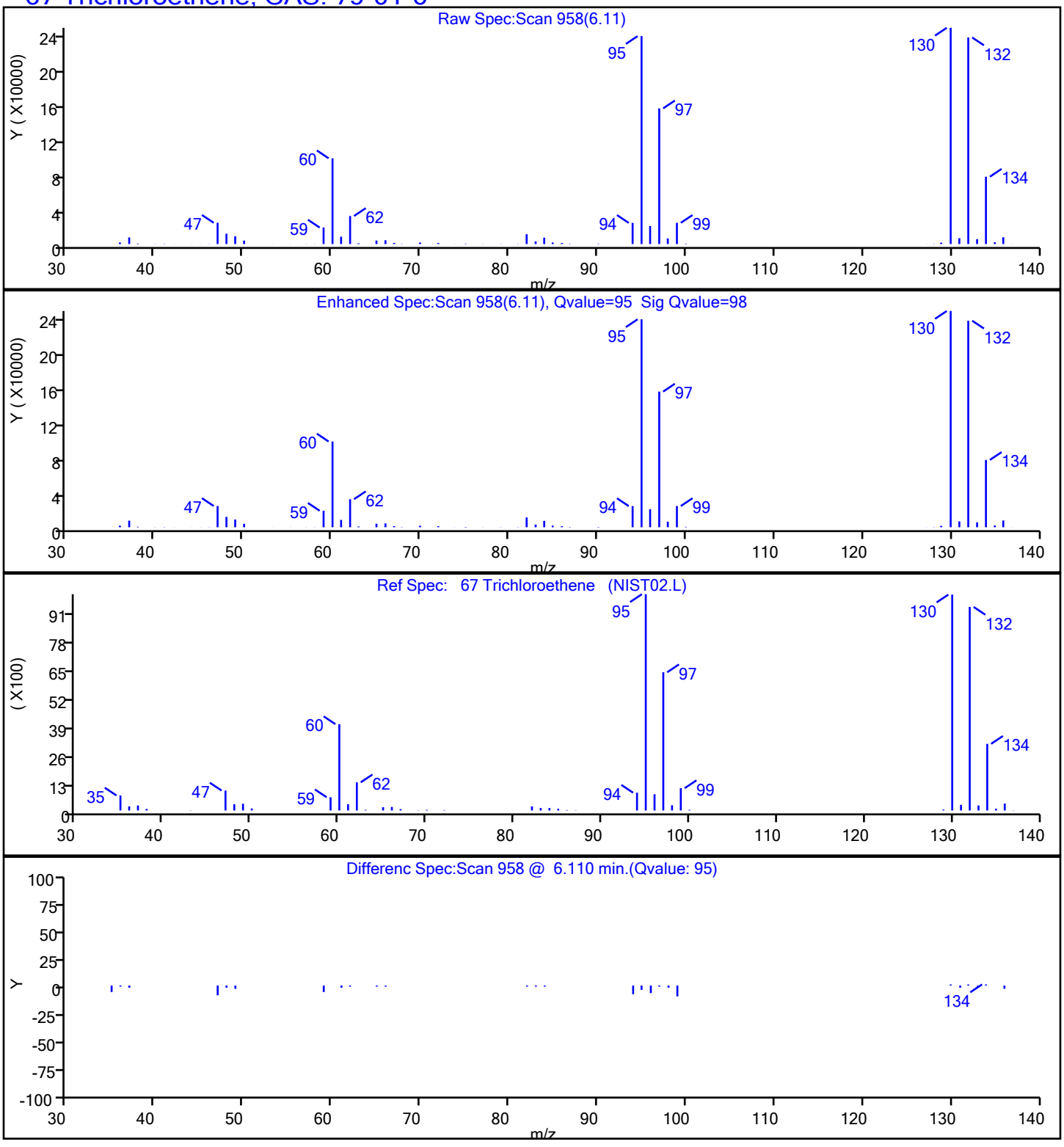
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



2/27/2024
9:41:16 AM

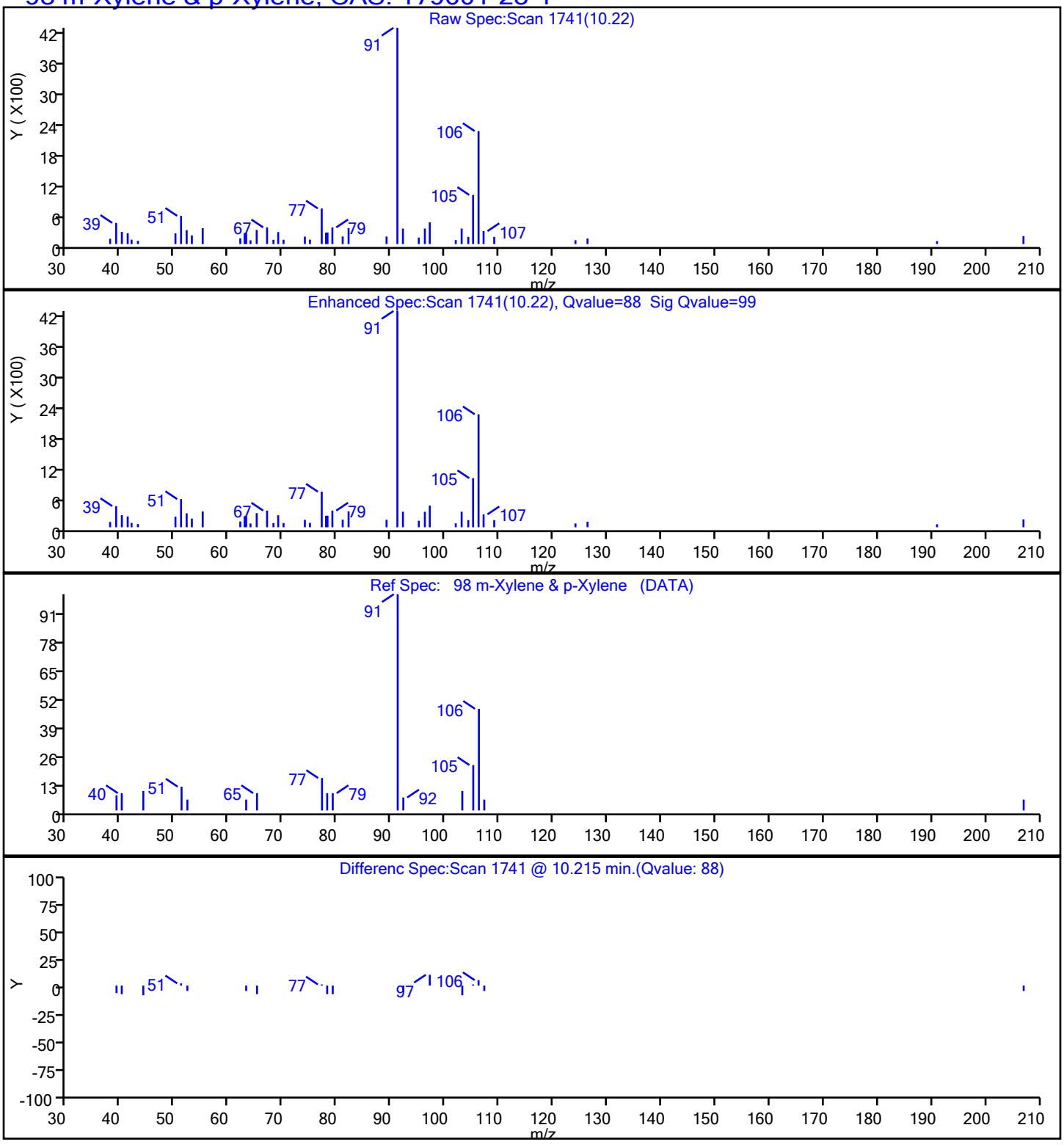
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



2/27/2024
9:41:16 AM

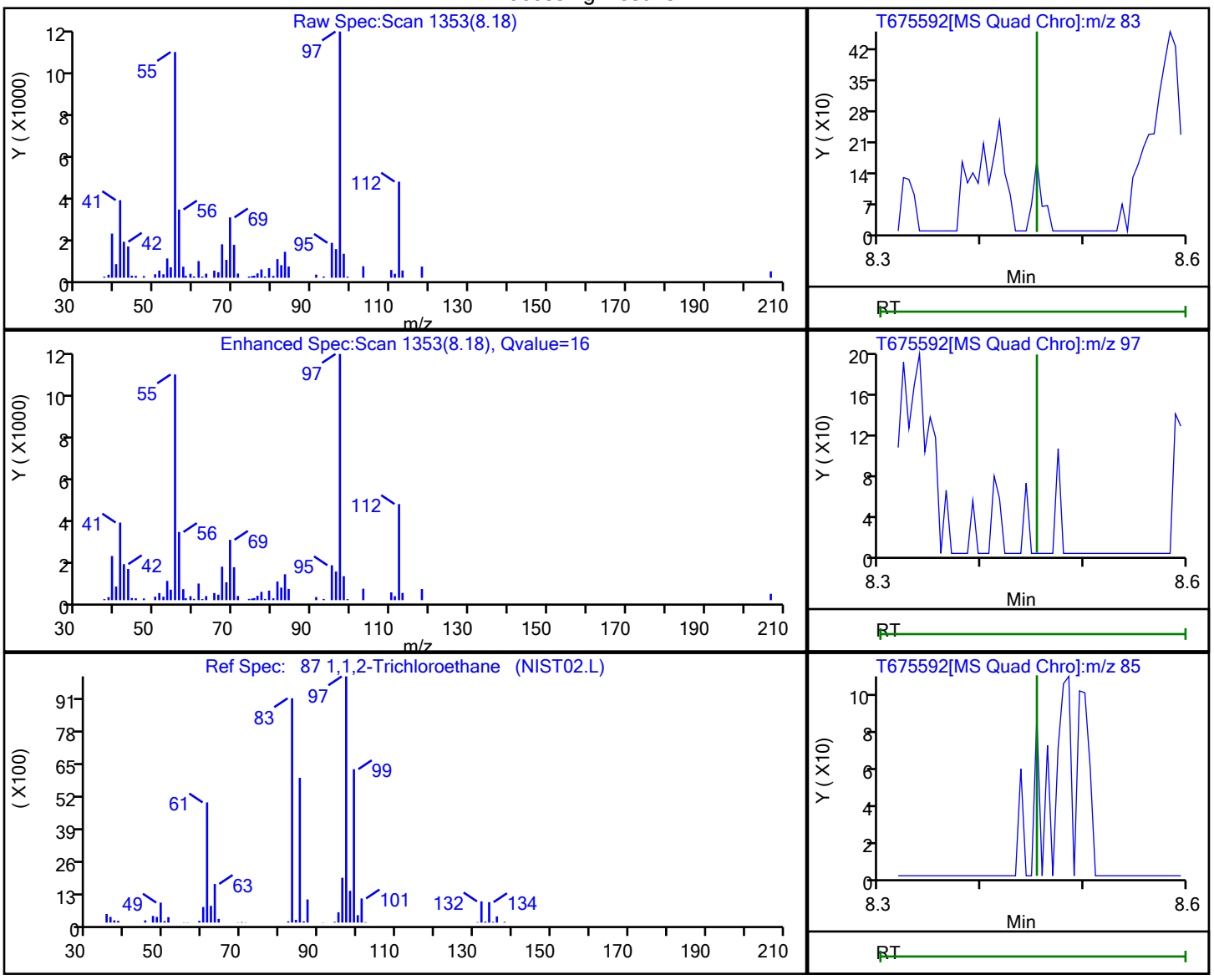
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
8.18	83.00	2338	0.692506
8.19	97.00	34448	
8.19	85.00	78	

Reviewer: FK2C, 26-Feb-2024 11:46:19 -05:00:00 (UTC)

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

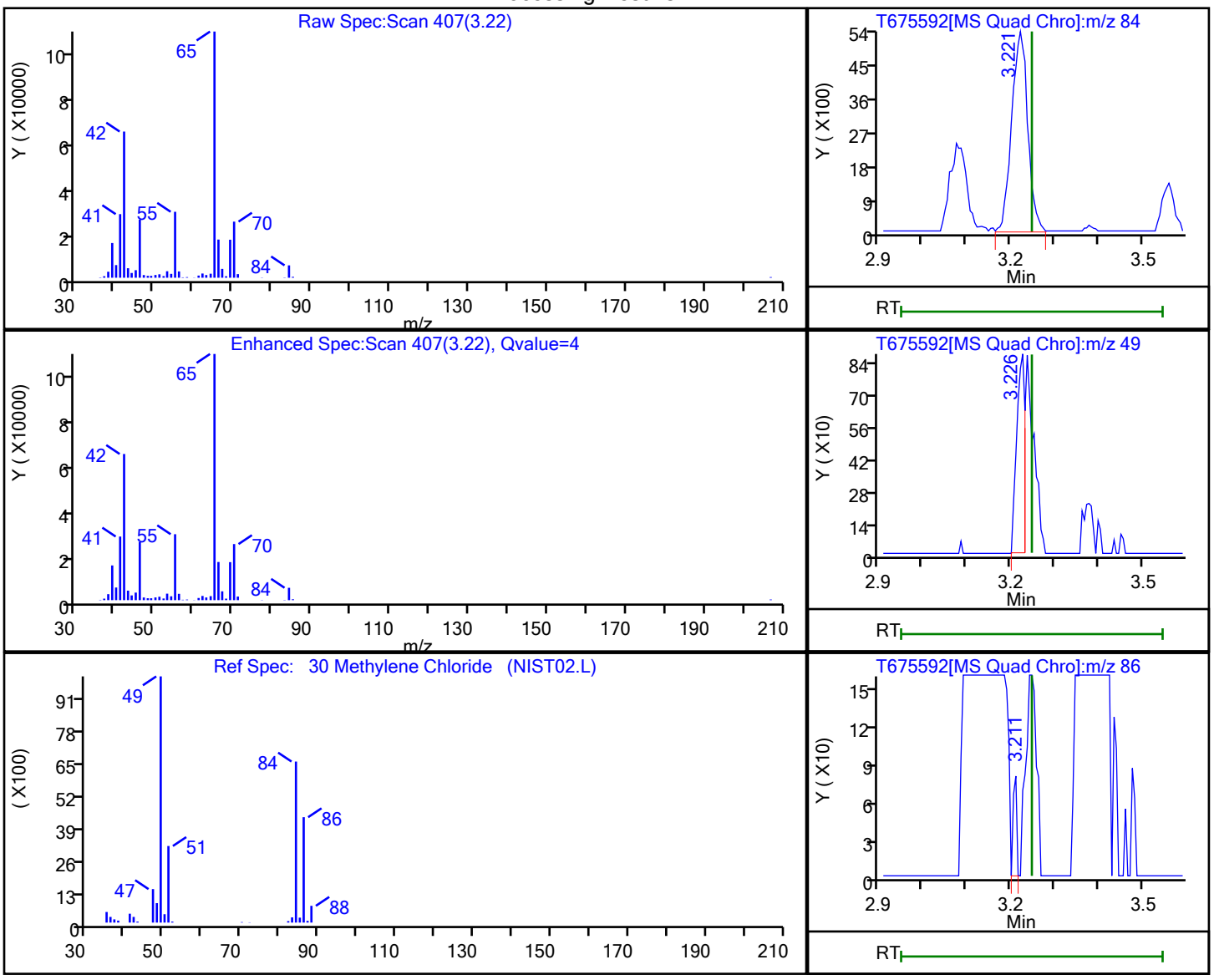
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
3.22	84.00	13608	2.406544
3.23	49.00	1149	
3.21	86.00	43	

Reviewer: FK2C, 26-Feb-2024 11:45:21 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

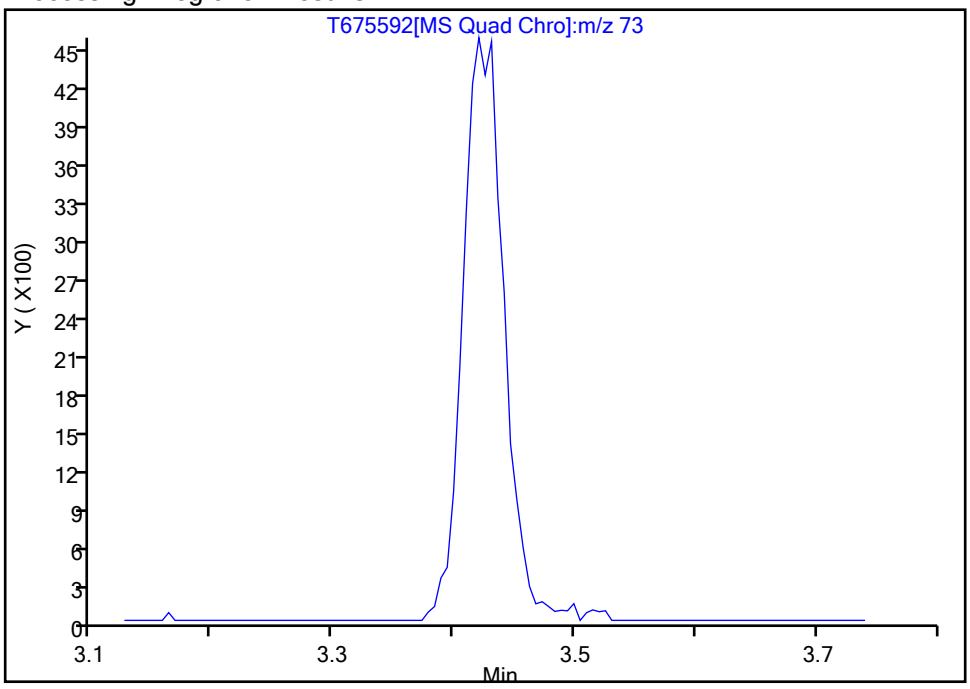
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

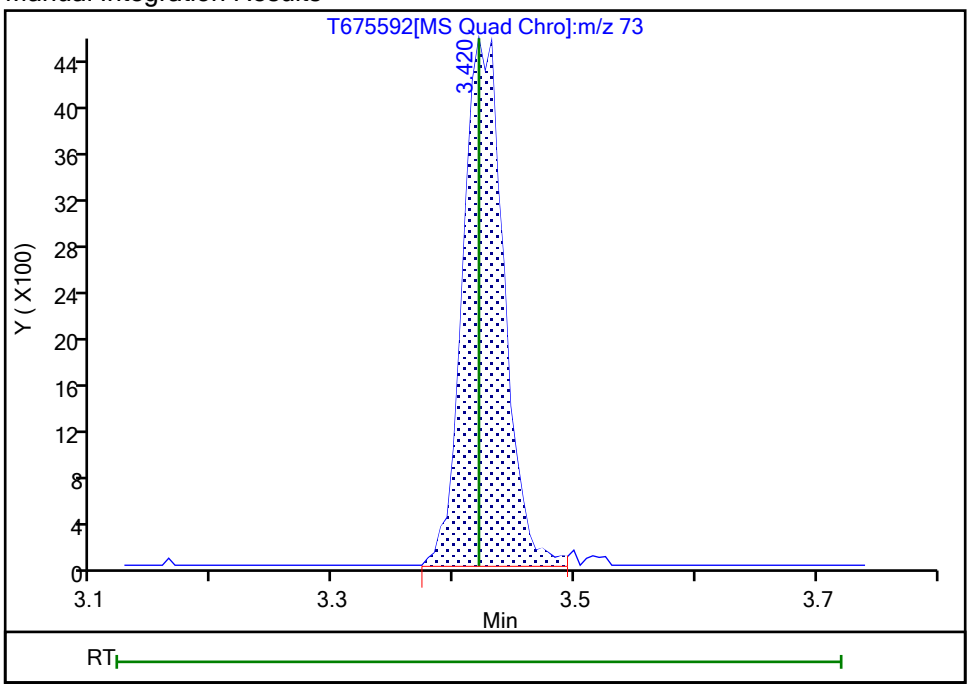
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 10802
Amount: 0.852766
Amount Units: ug/l



Reviewer: W9CM, 26-Feb-2024 14:31:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

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	6.1		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	32		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
100-41-4	Ethylbenzene	2.4		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	15		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.77	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	92		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	J	1.0	0.17
1330-20-7	Xylenes, Total	0.75	J	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	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Lims ID: 460-298659-A-4
Client ID: NL-MW-Dup_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:50:30 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-4
Misc. Info.: 460-0172710-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:44:31 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.716	1.716	0.000	21	1220	0.1711	
* 31 TBA-d9 (IS)	66	3.226	3.232	-0.006	91	48289	1000.0	
35 Methyl tert-butyl ether	73	3.426	3.420	0.006	71	10127	0.8058	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	77	4011	0.7661	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	354502	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	91	14472	2.44	
52 Chloroform	83	4.799	4.799	0.000	86	9006	1.03	
55 Cyclohexane	84	4.941	4.936	0.005	91	201754	32.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	95	180606	43.3	
60 Benzene	78	5.360	5.360	0.000	94	93987	6.07	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	87	191328	51.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	680703	50.0	
67 Trichloroethene	95	6.110	6.110	0.000	95	510058	91.8	
70 Methylcyclohexane	83	6.252	6.252	0.000	94	94175	15.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	35765	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	654428	56.8	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	84	503238	50.0	
97 Ethylbenzene	106	10.011	10.016	-0.005	97	13969	2.37	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	88	5345	0.7489	
104 Isopropylbenzene	105	11.421	11.421	0.000	96	257984	15.5	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	209534	46.9	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	263837	50.0	
S 137 Xylenes, Total	100				0		0.7489	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4

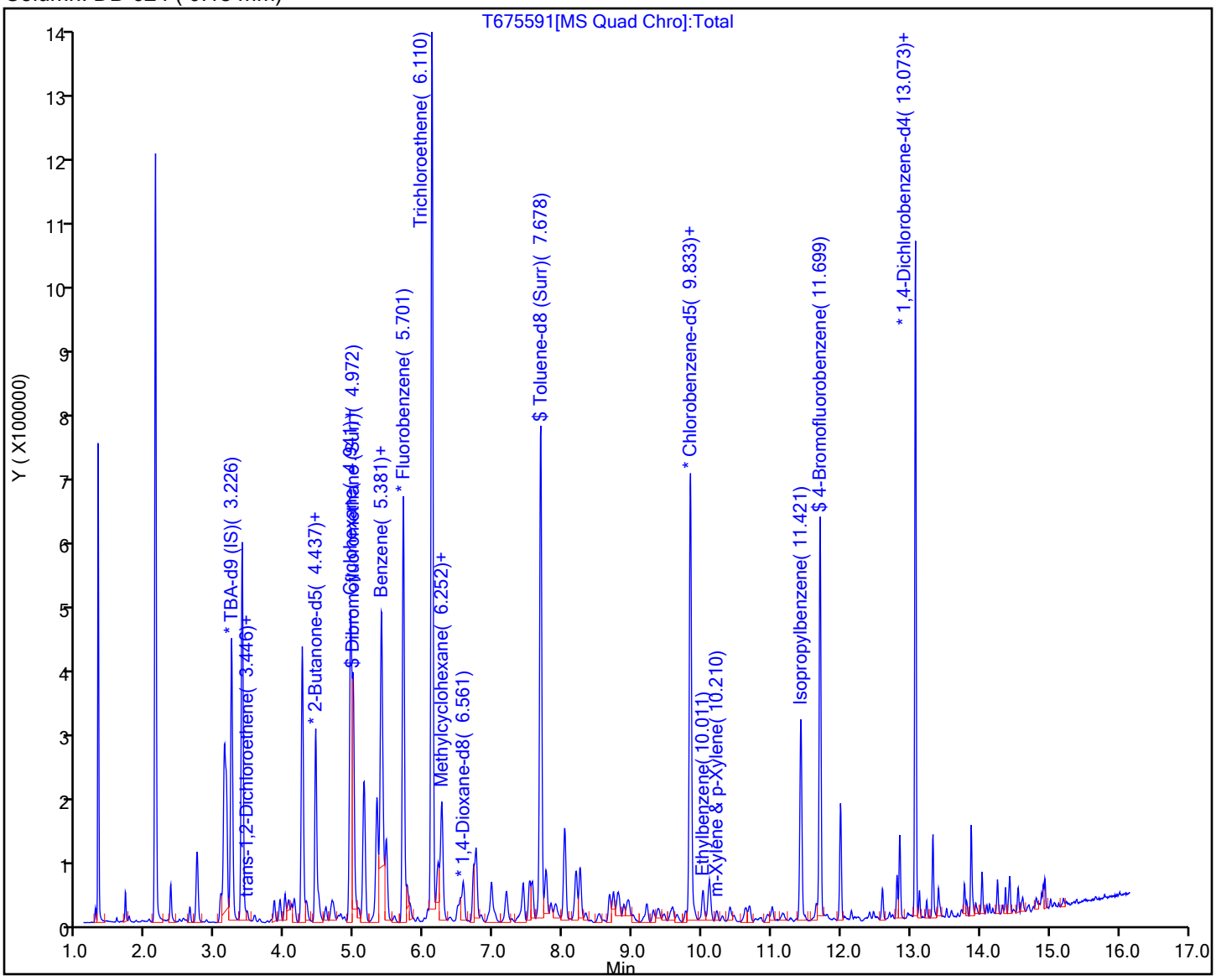
Client ID: NL-MW-Dup_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Lims ID: 460-298659-A-4
Client ID: NL-MW-Dup_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:50:30 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-4
Misc. Info.: 460-0172710-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:44:31 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

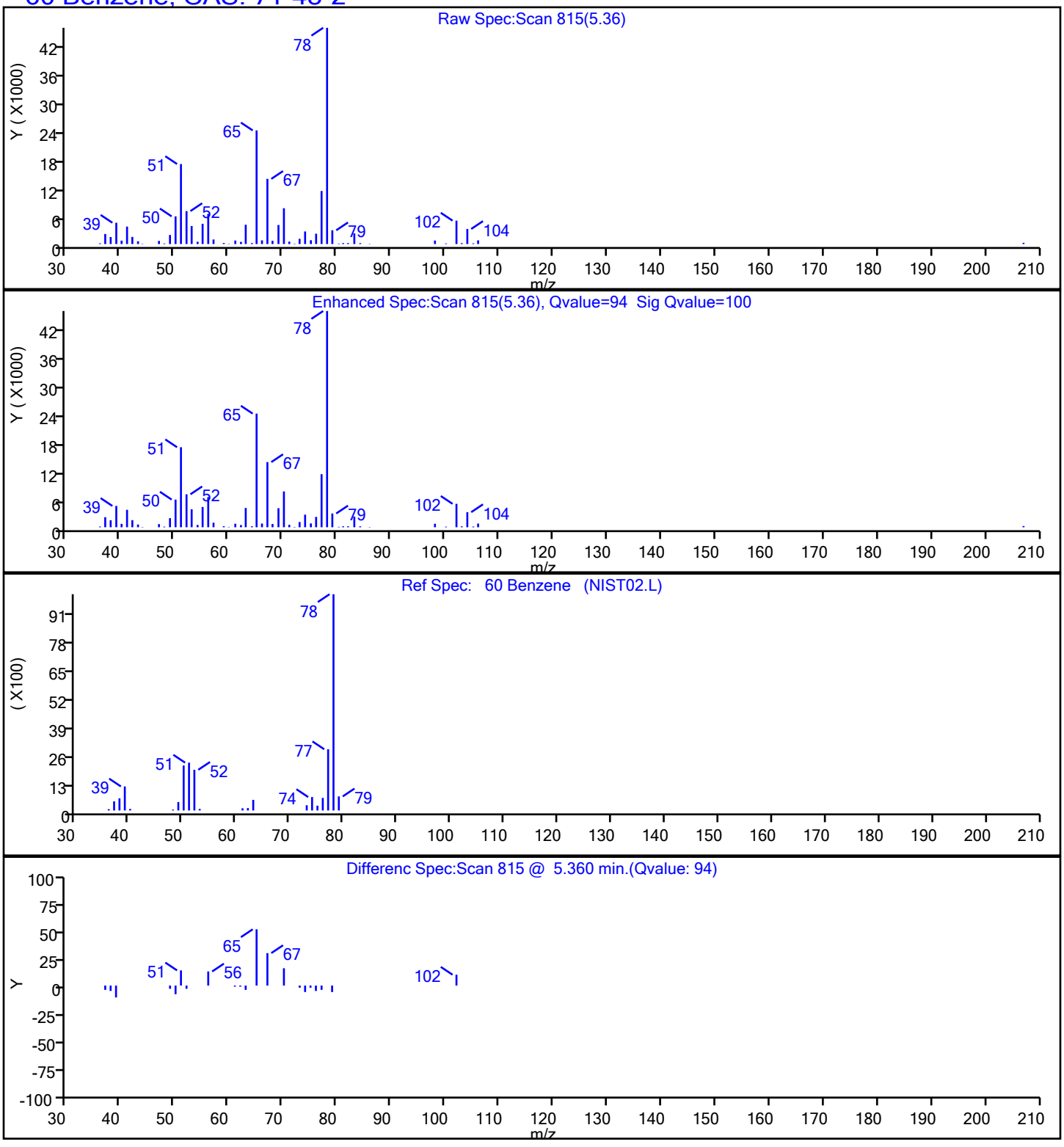
First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.3	86.69
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.4	102.89
$ 83 Toluene-d8 (Surr)	50.0	56.8	113.62
$ 105 4-Bromofluorobenzene	50.0	46.9	93.71

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2



Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4

Client ID: NL-MW-Dup_20240220

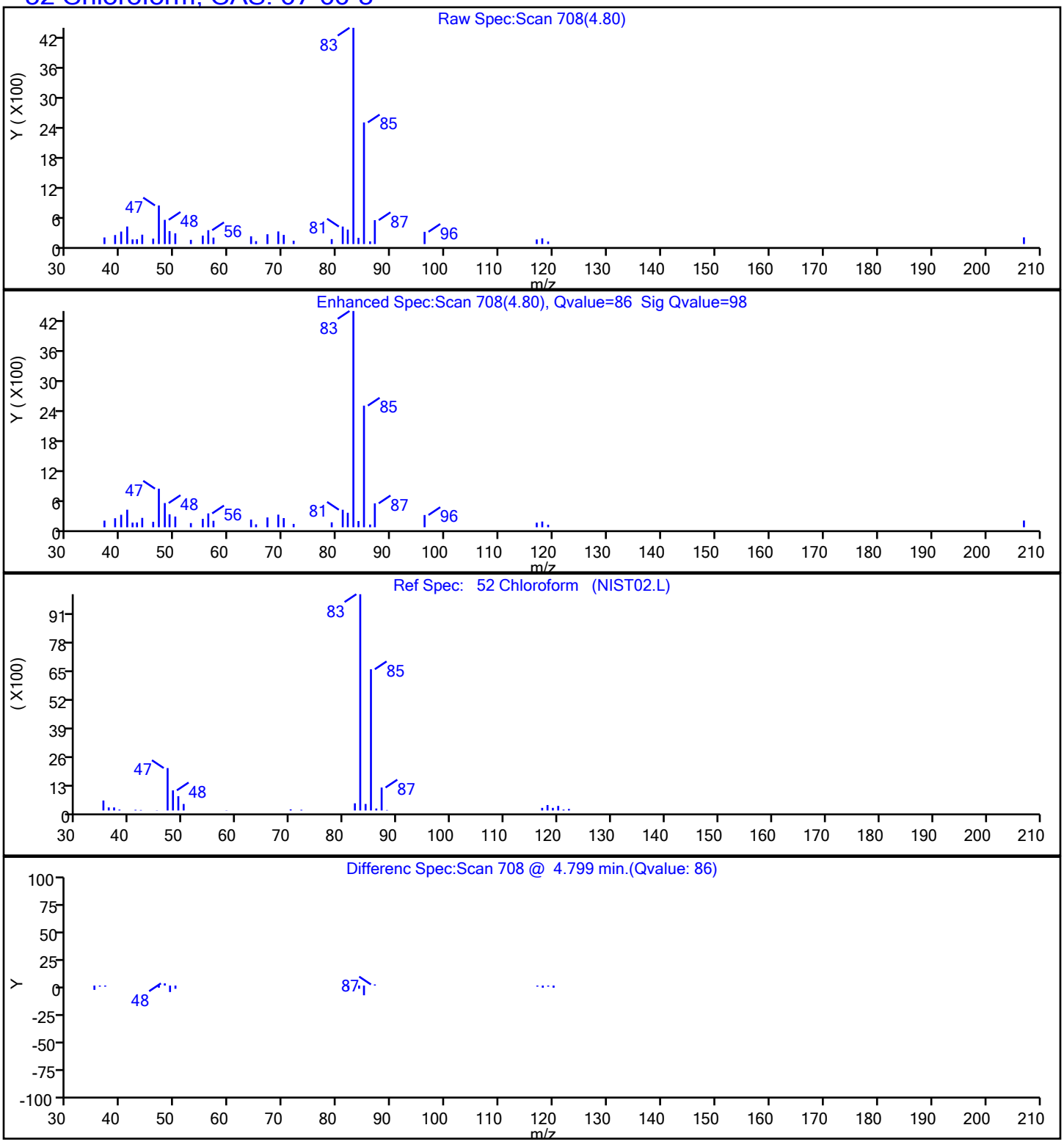
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



2/27/2024
9:41:16 AM

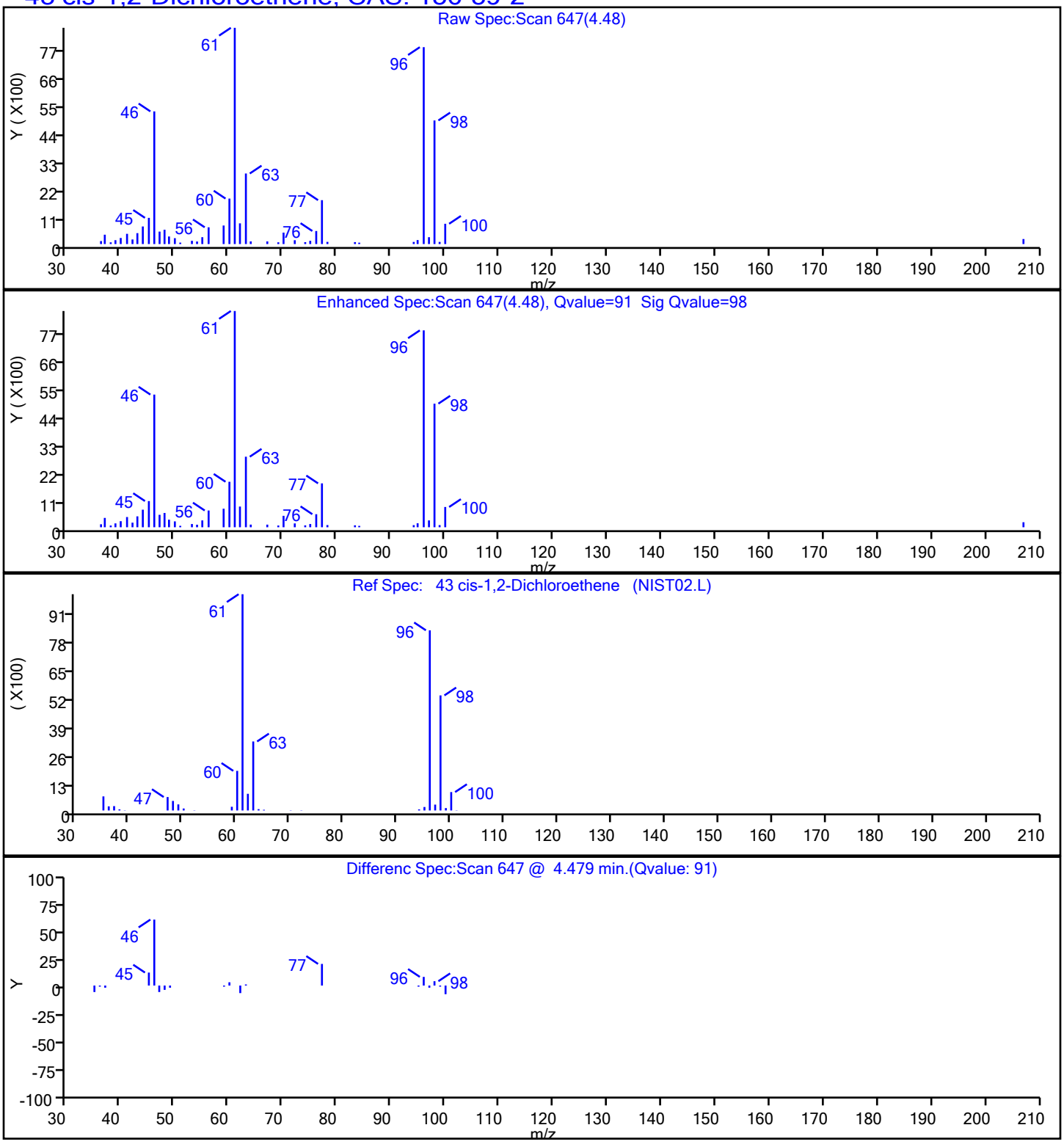
Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



2/27/2024
9:41:16 AM

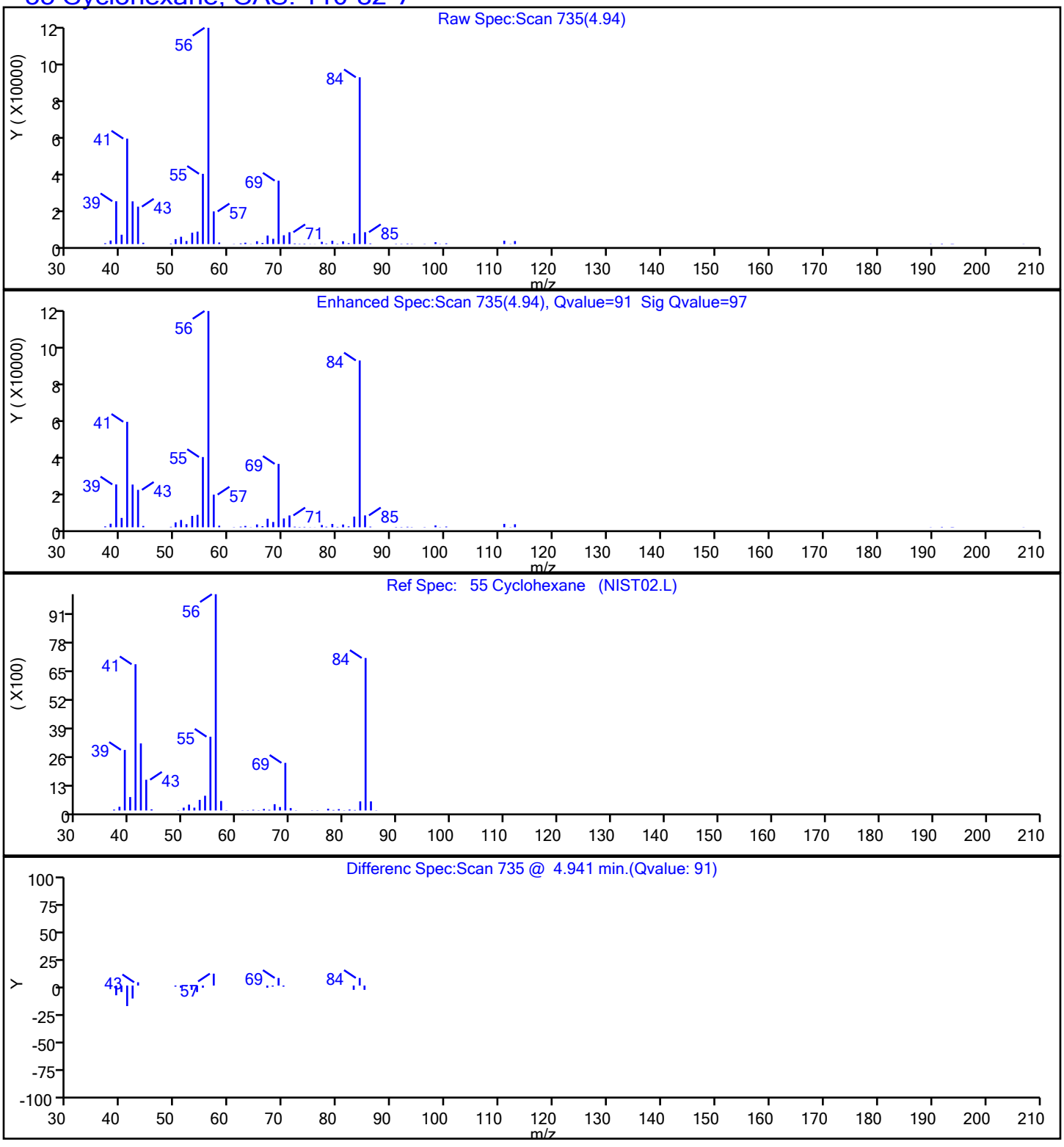
Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



2/27/2024
9:41:16 AM

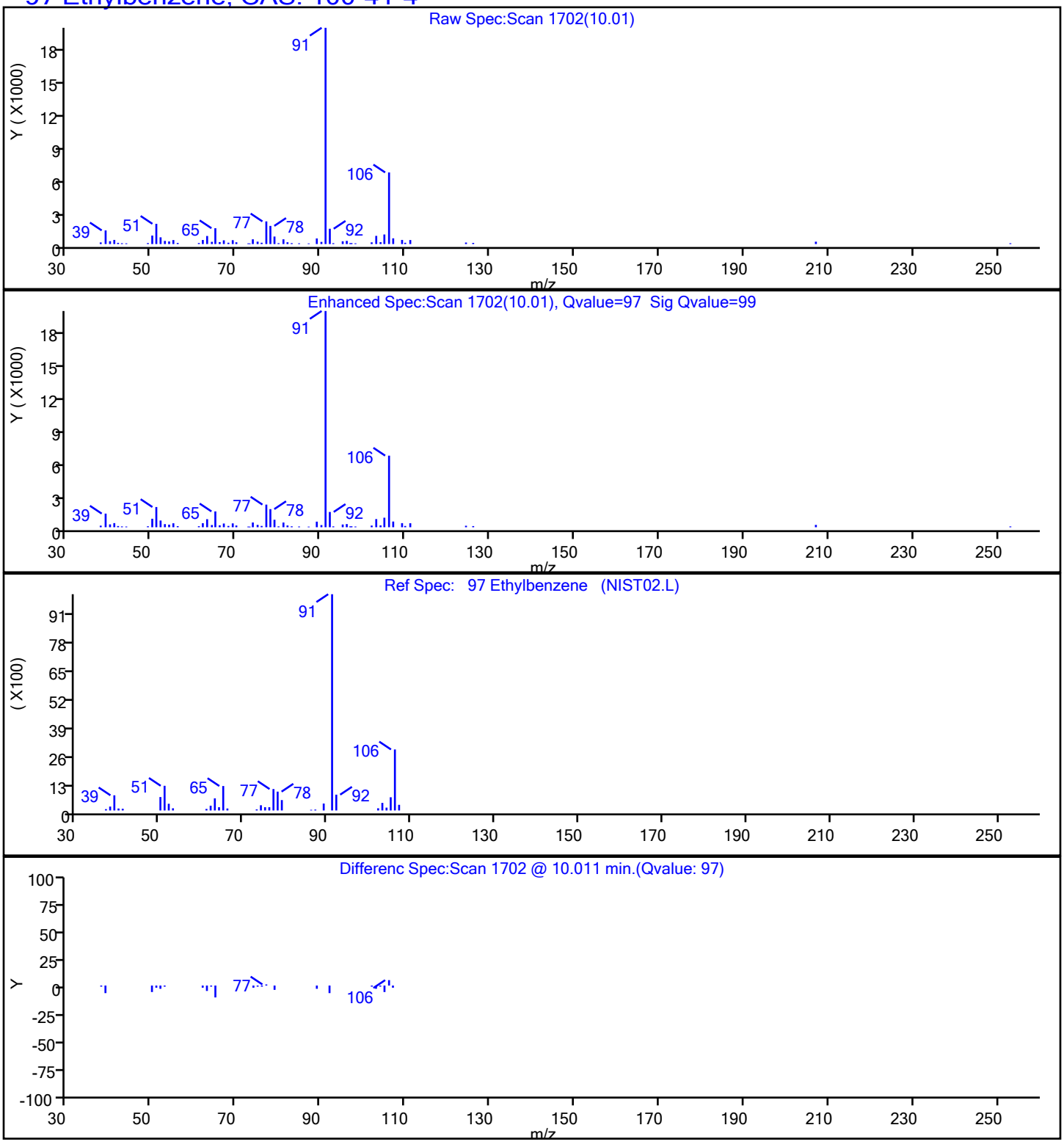
Report Date: 26-Feb-2024 14:44:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4
Client ID:	NL-MW-Dup_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



2/27/2024
9:41:16 AM

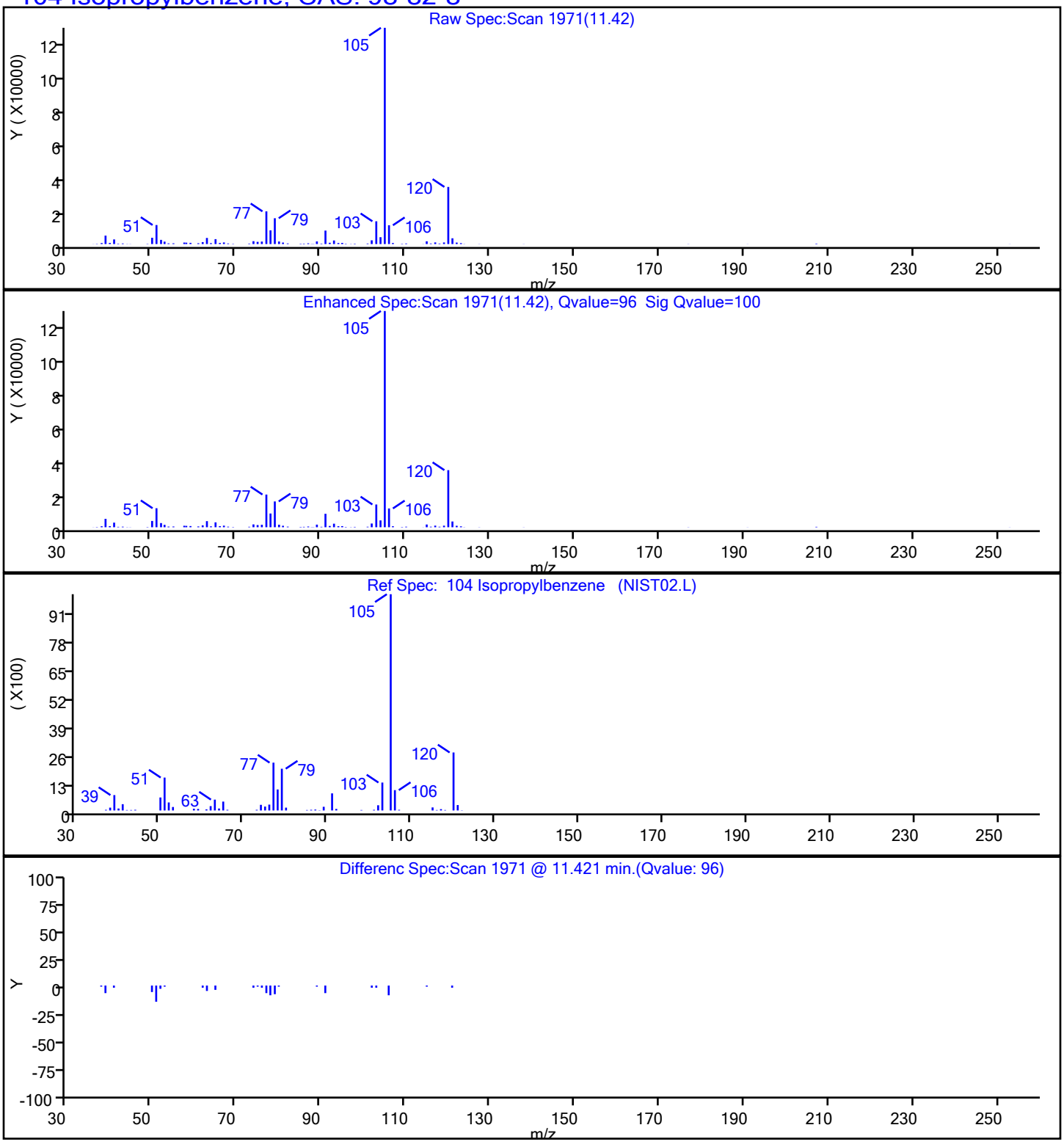
Report Date: 26-Feb-2024 14:44:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

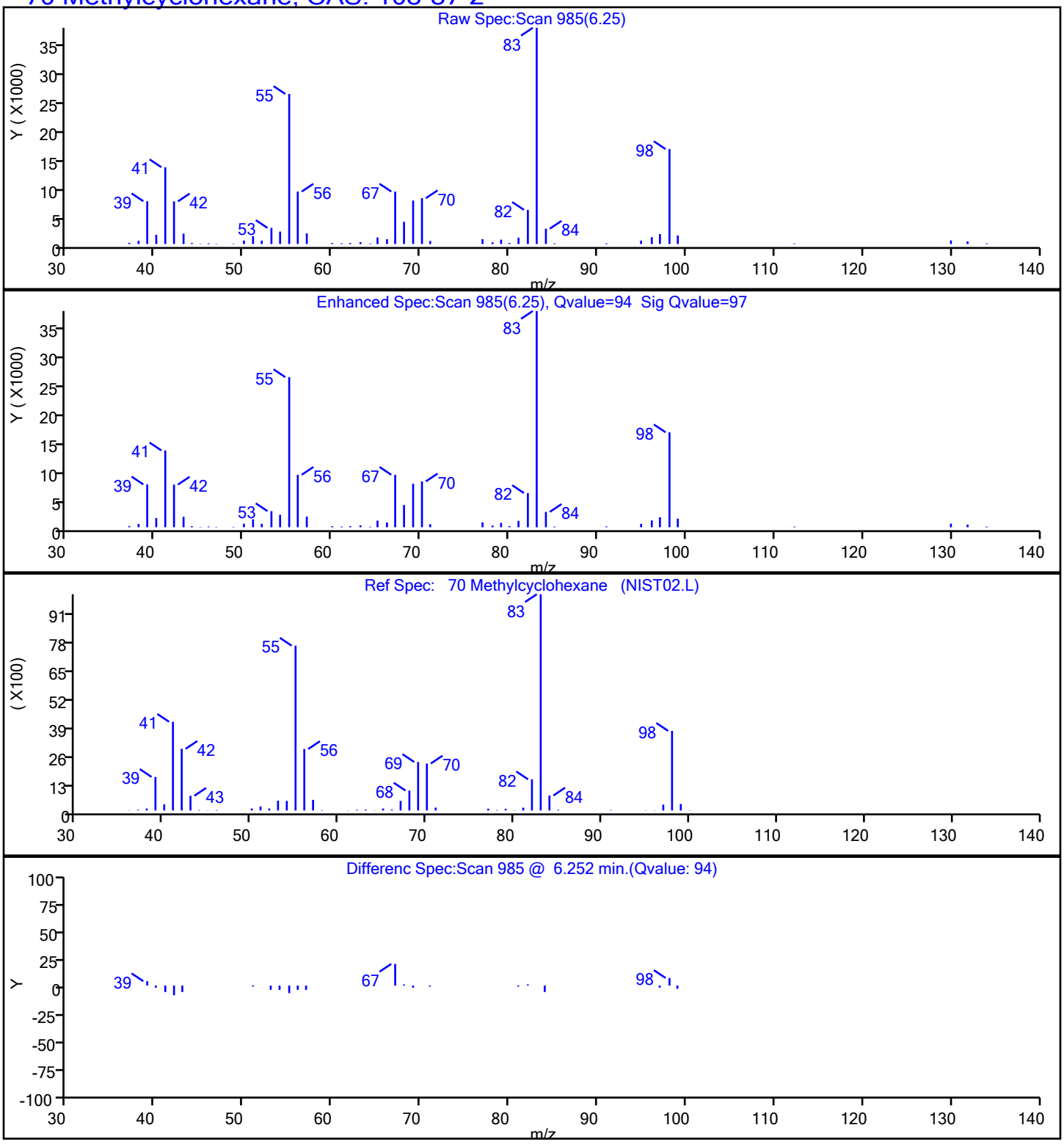
104 Isopropylbenzene, CAS: 98-82-8



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

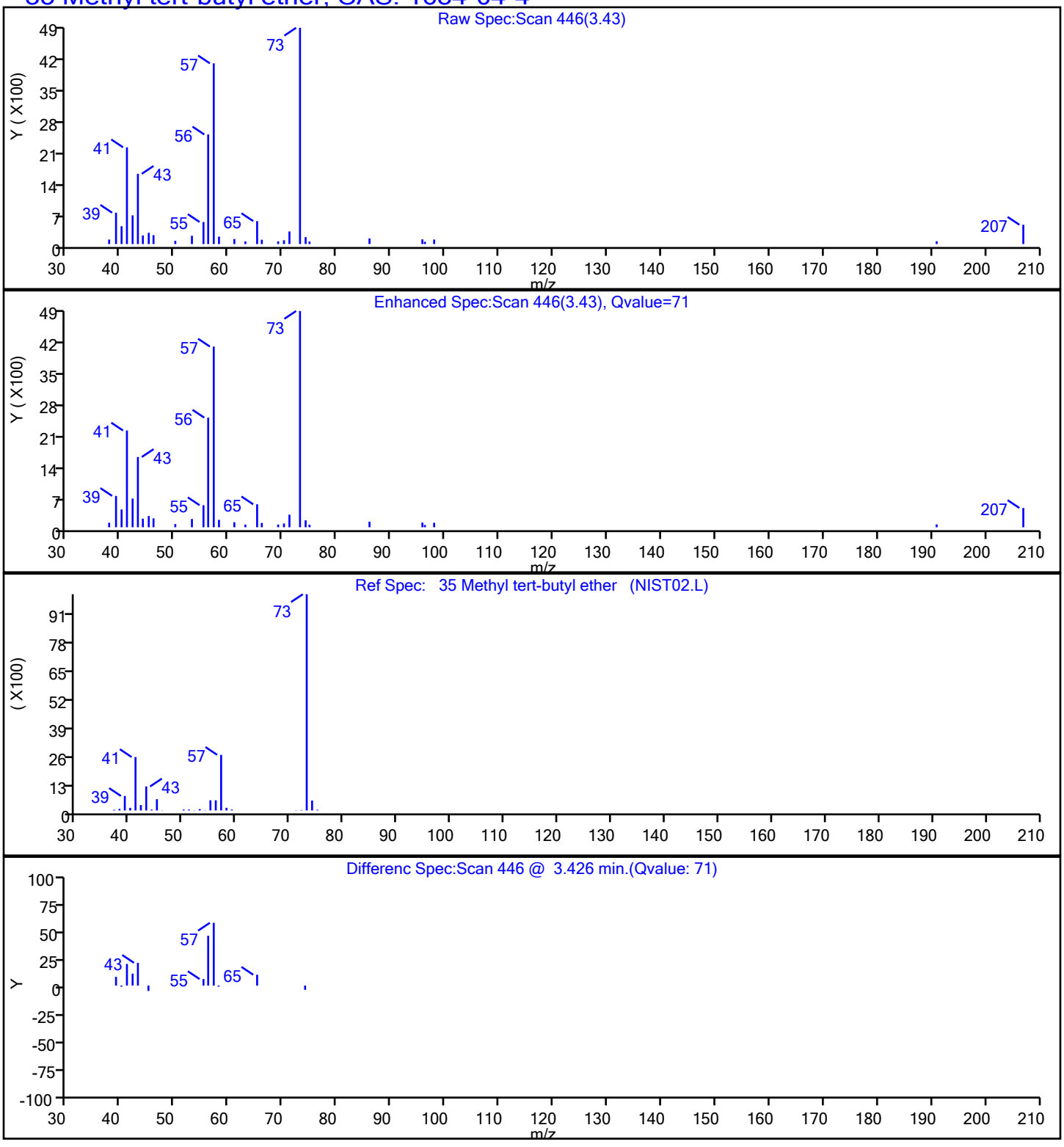
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

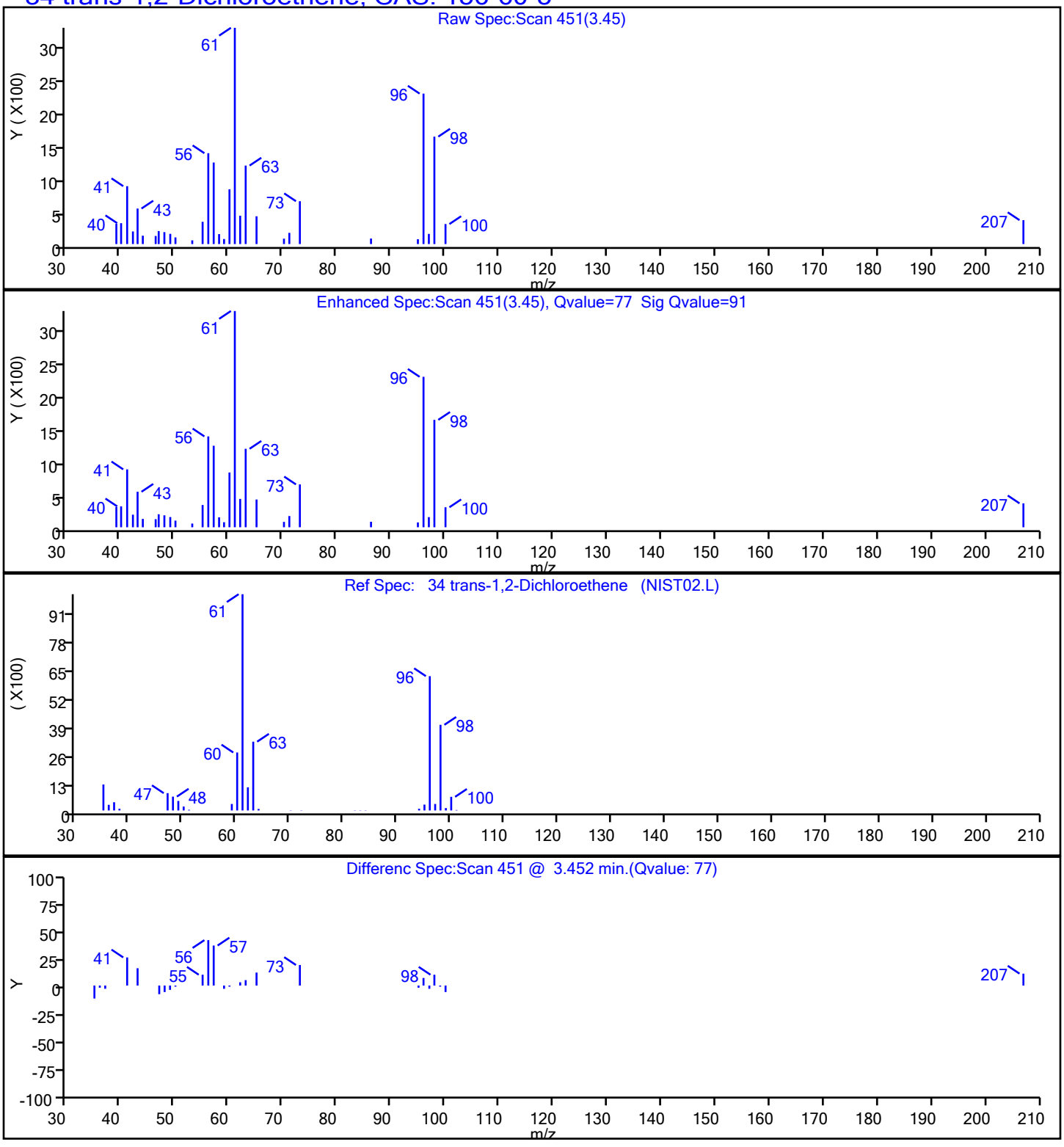
35 Methyl tert-butyl ether, CAS: 1634-04-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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



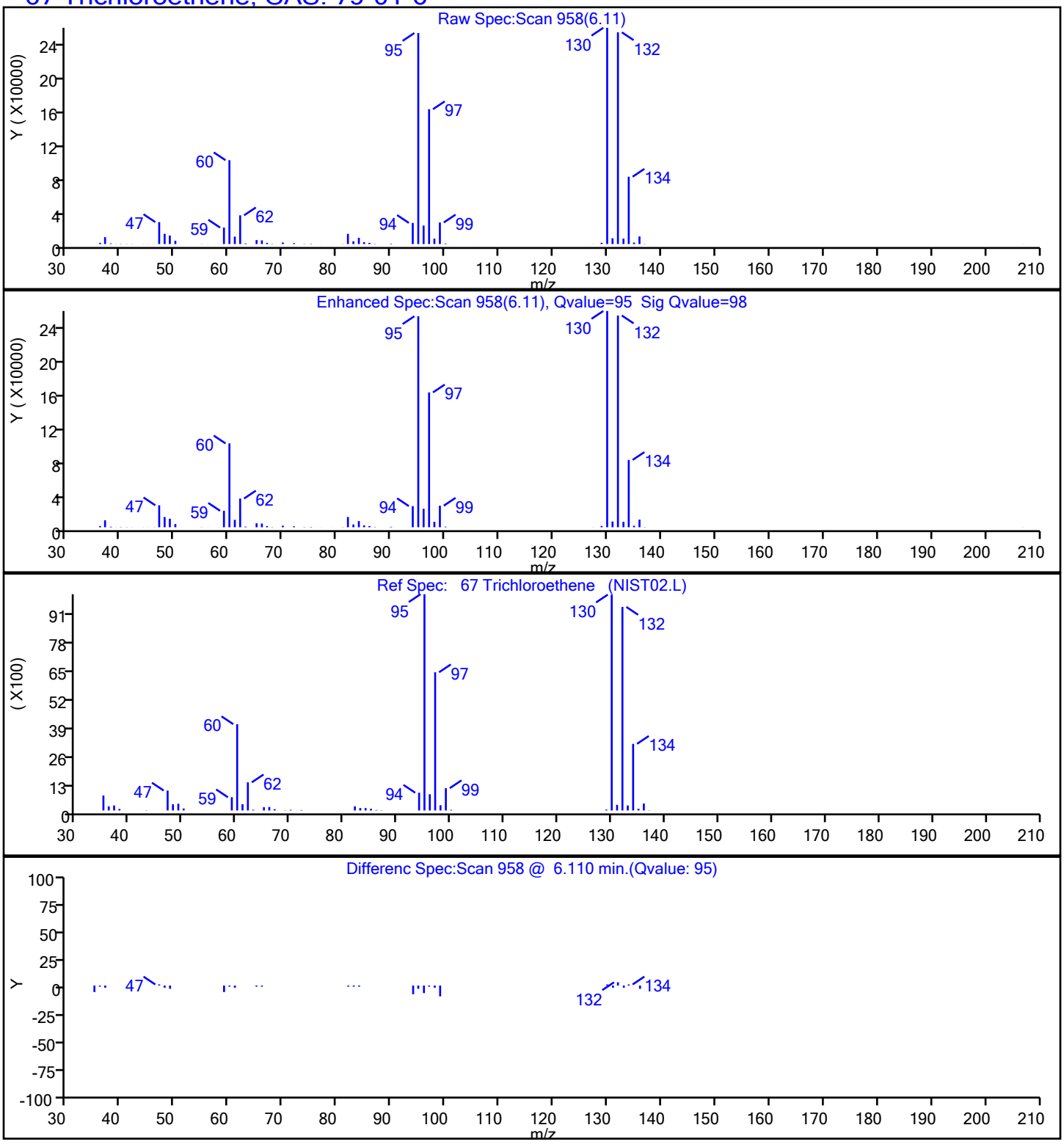
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4
Client ID:	NL-MW-Dup_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6

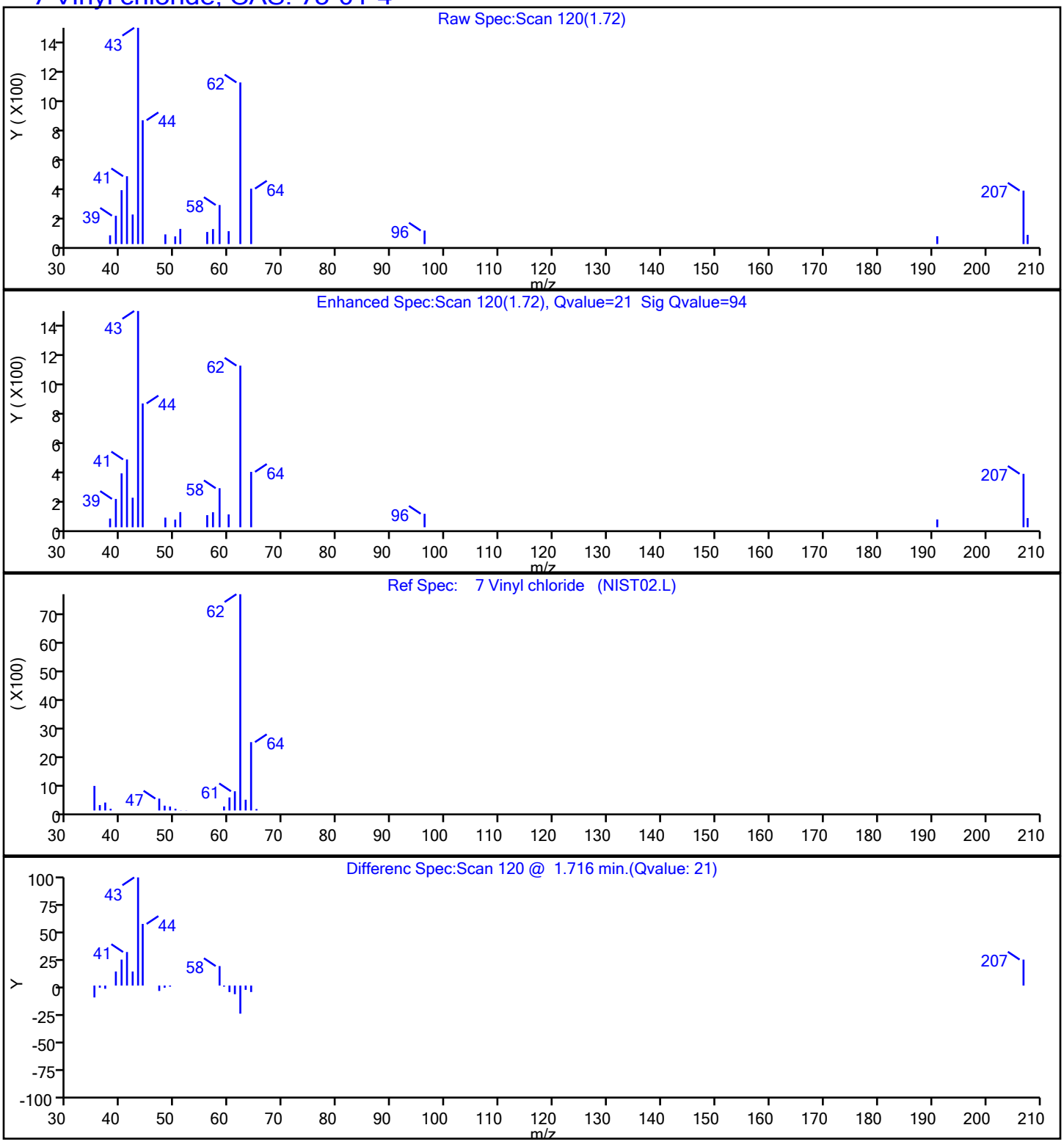


2/27/2024
9:41:16 AM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



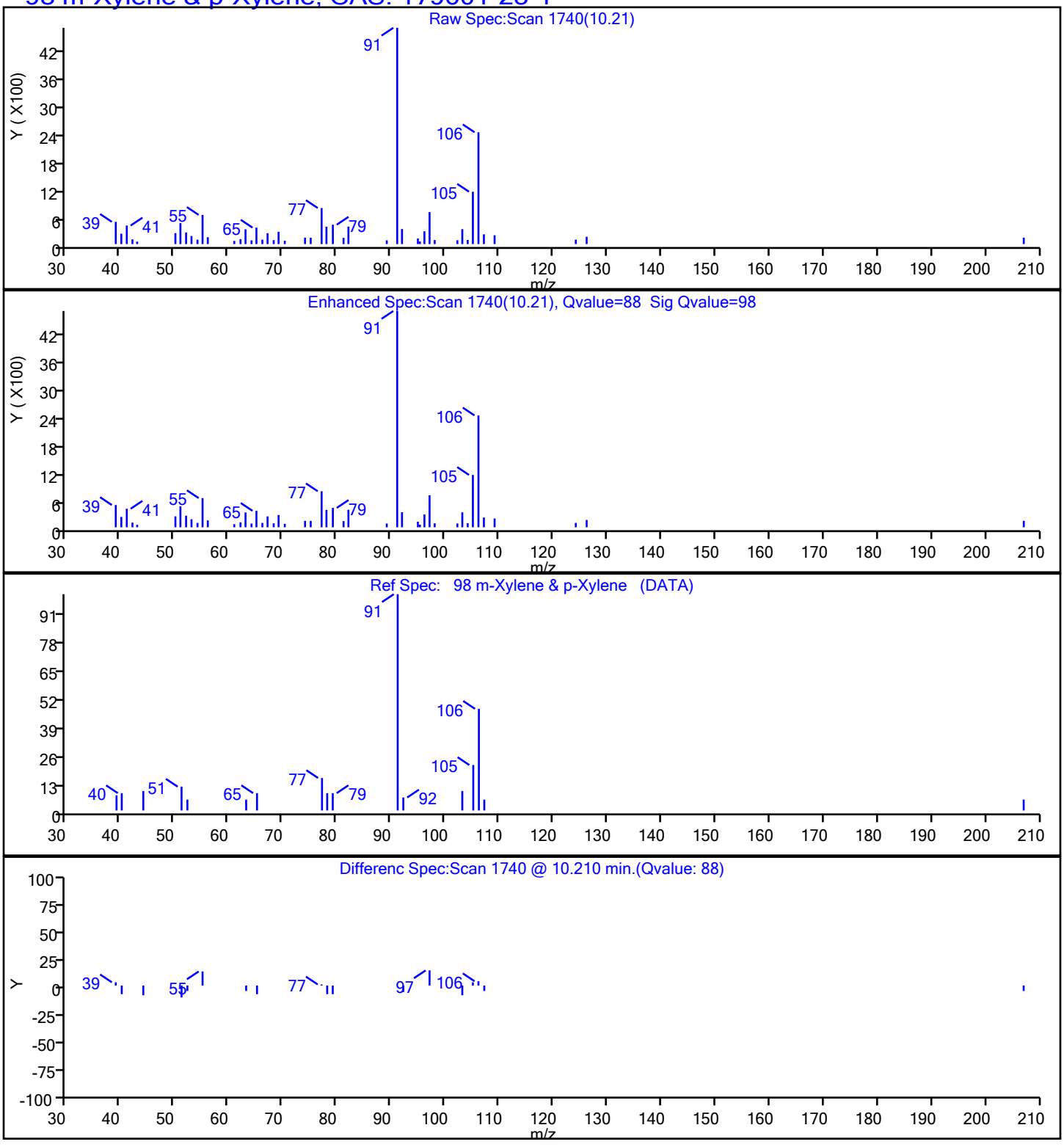
Report Date: 26-Feb-2024 14:44:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



2/27/2024
9:41:16 AM

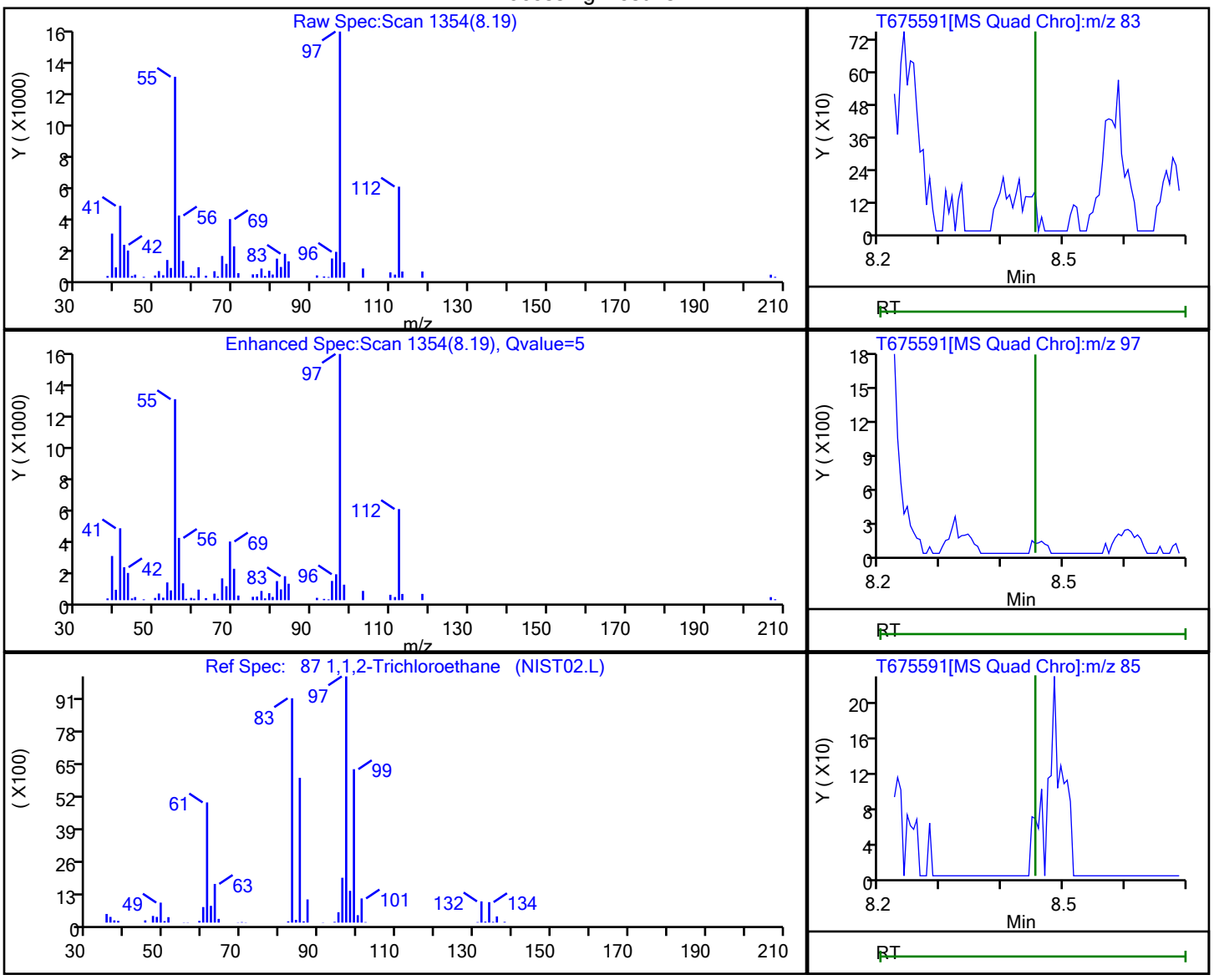
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D				
Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
8.19	83.00	3579	1.077319
8.19	97.00	41358	
8.19	85.00	75	

Reviewer: FK2C, 26-Feb-2024 11:44:58 -05:00:00 (UTC)

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

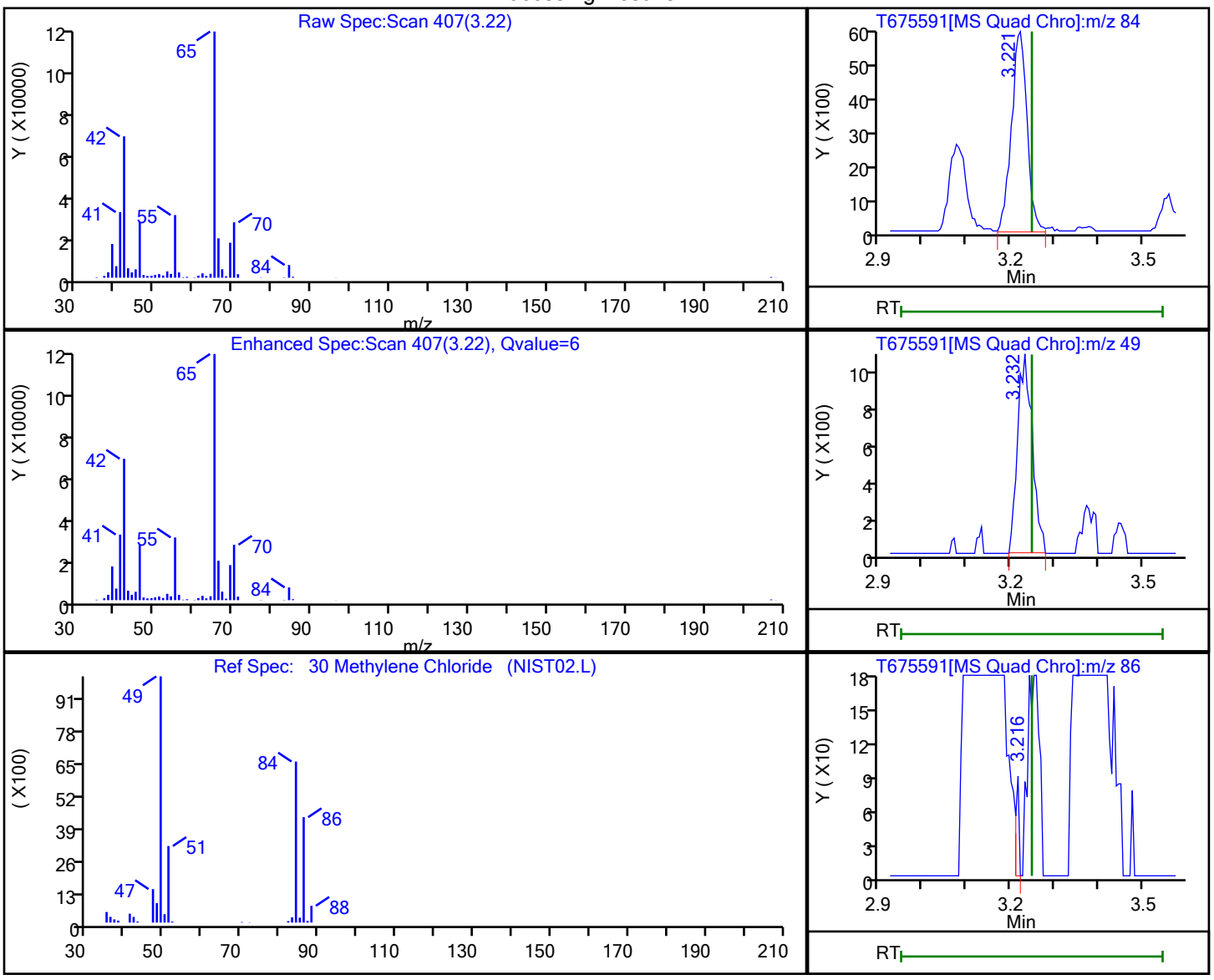
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D				
Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
3.22	84.00	14750	2.629044
3.23	49.00	2418	
3.22	86.00	45	

Reviewer: FK2C, 26-Feb-2024 11:44:48 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

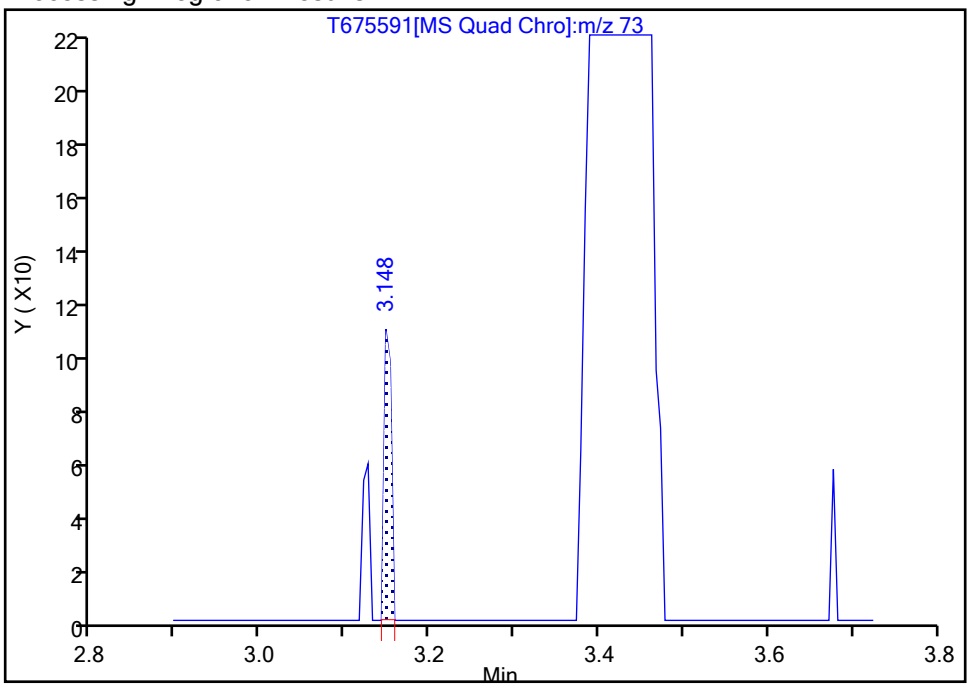
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D				
Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

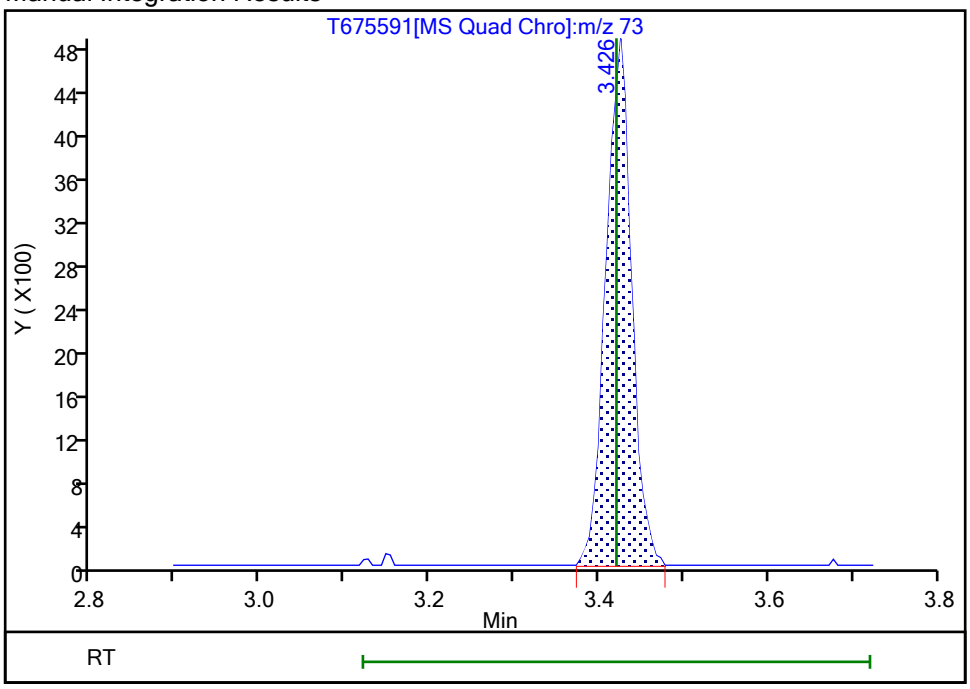
Processing Integration Results

RT: 3.15
Area: 63
Amount: 0.005013
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 10127
Amount: 0.805773
Amount Units: ug/l



Reviewer: W9CM, 26-Feb-2024 14:44:28 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D
Lims ID: 460-298659-A-5
Client ID: NL-MW-TB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:19:46 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-5
Misc. Info.: 460-0172710-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:54:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	95	58424	1000.0	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	47	414549	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	191446	45.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	201257	53.2	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	692121	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	46914	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	676665	56.8	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	520580	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	215116	46.5	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	270556	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 09:54:36 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D

Injection Date: 26-Feb-2024 09:19:46 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-5 Lab Sample ID: 460-298659-5

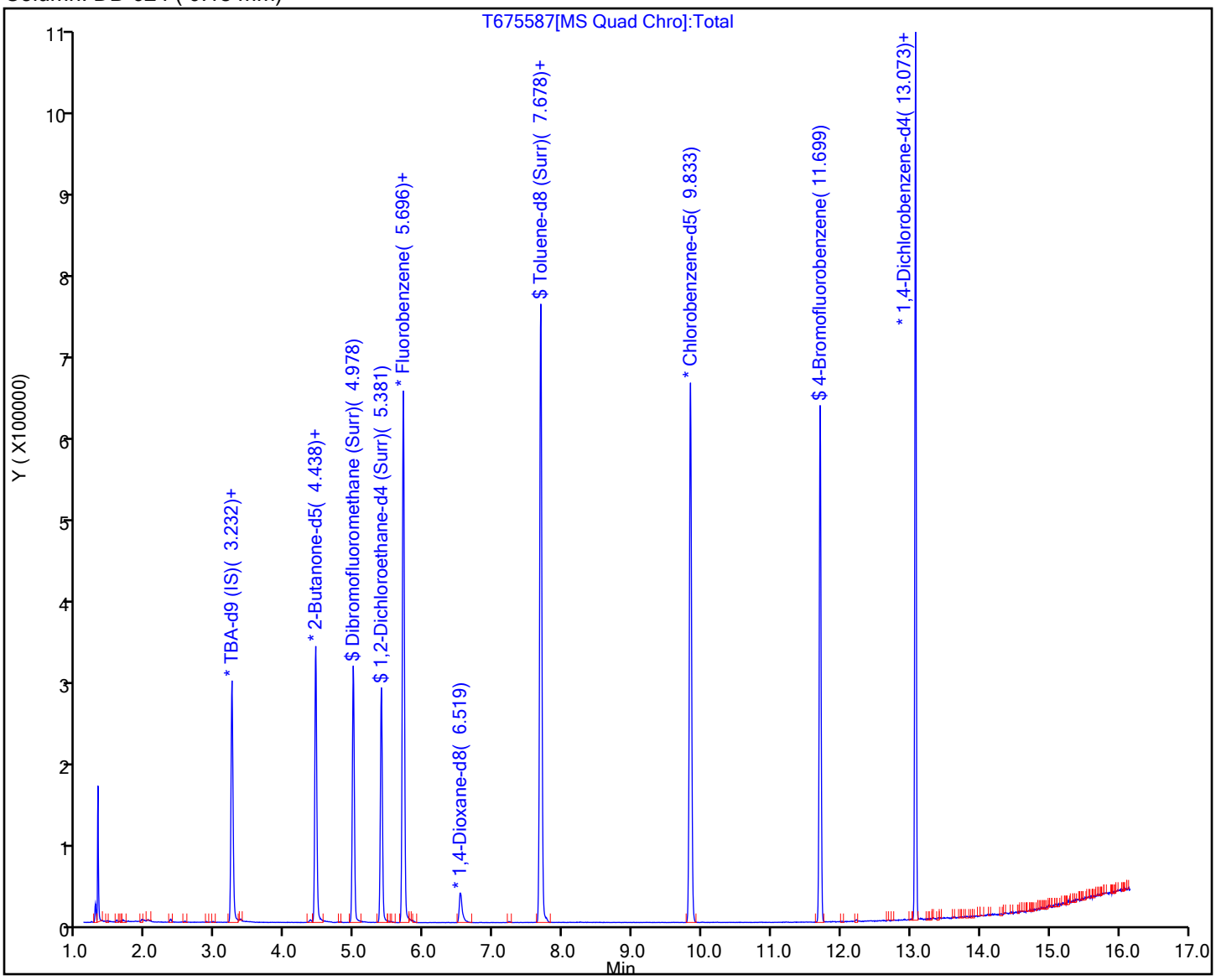
Client ID: NL-MW-TB-01_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D
Lims ID: 460-298659-A-5
Client ID: NL-MW-TB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:19:46 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-5
Misc. Info.: 460-0172710-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:54:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.2	90.37
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.44
$ 83 Toluene-d8 (Surr)	50.0	56.8	113.57
$ 105 4-Bromofluorobenzene	50.0	46.5	93.00

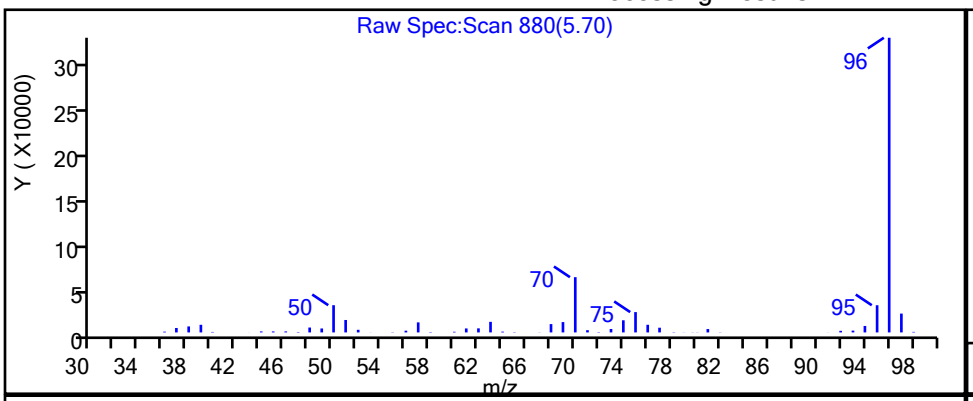
User Disabled Compound Report

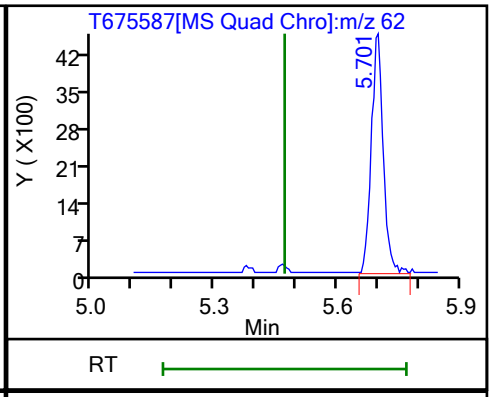
Eurofins Edison

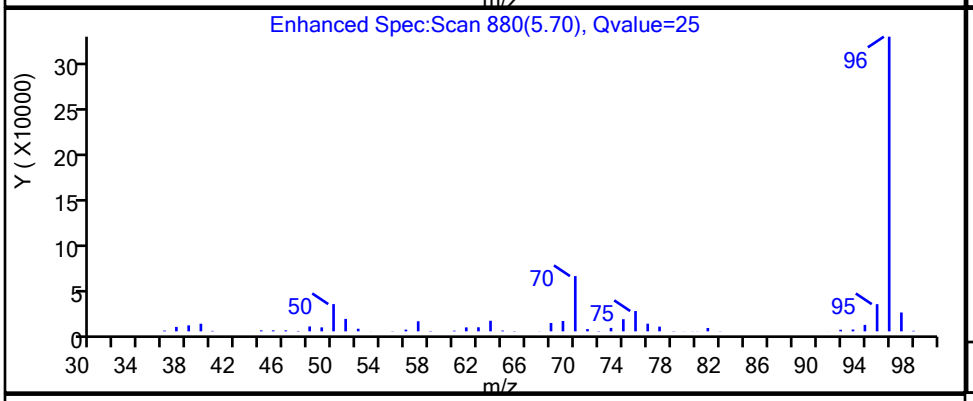
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D				
Injection Date:	26-Feb-2024 09:19:46	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-5	Lab Sample ID:	460-298659-5		
Client ID:	NL-MW-TB-01_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

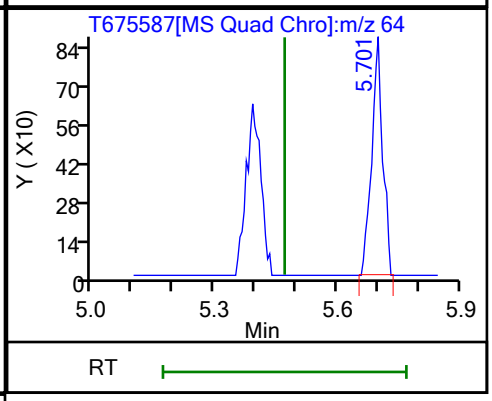
61 1,2-Dichloroethane, CAS: 107-06-2

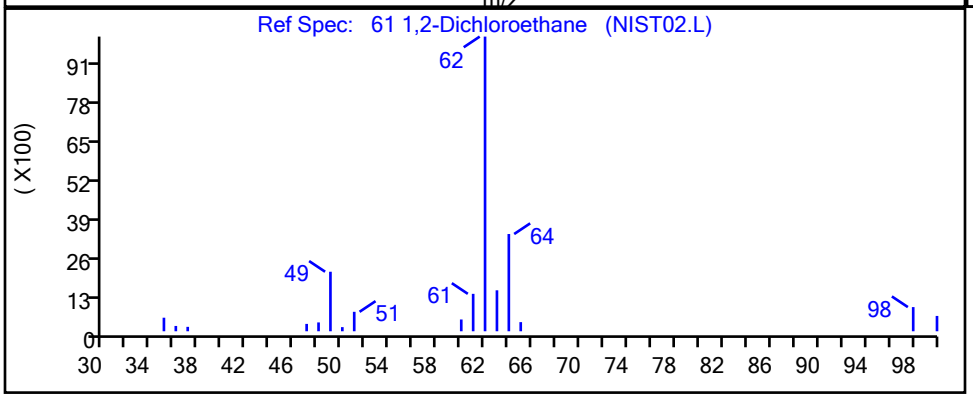
Processing Results











RT	Mass	Response	Amount
5.70	62.00	9105	1.557372
5.70	64.00	1635	

Reviewer: FK2C, 26-Feb-2024 09:54:02 -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.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D
Lims ID: 460-298659-A-6
Client ID: NL-MW-FB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:42:37 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-6
Misc. Info.: 460-0172710-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 10:18:05 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 10:18:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.632	1.633	-0.001	88	4409	0.7528	
* 31 TBA-d9 (IS)	66	3.231	3.232	-0.001	95	60580	1000.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	426484	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	95	193255	45.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	200603	52.8	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	695260	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	45167	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	676652	56.6	
* 94 Chlorobenzene-d5	117	9.833	9.833	-0.001	83	521804	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.699	0.005	96	219547	47.3	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	275036	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 10:18:10 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D

Injection Date: 26-Feb-2024 09:42:37 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-6 Lab Sample ID: 460-298659-6

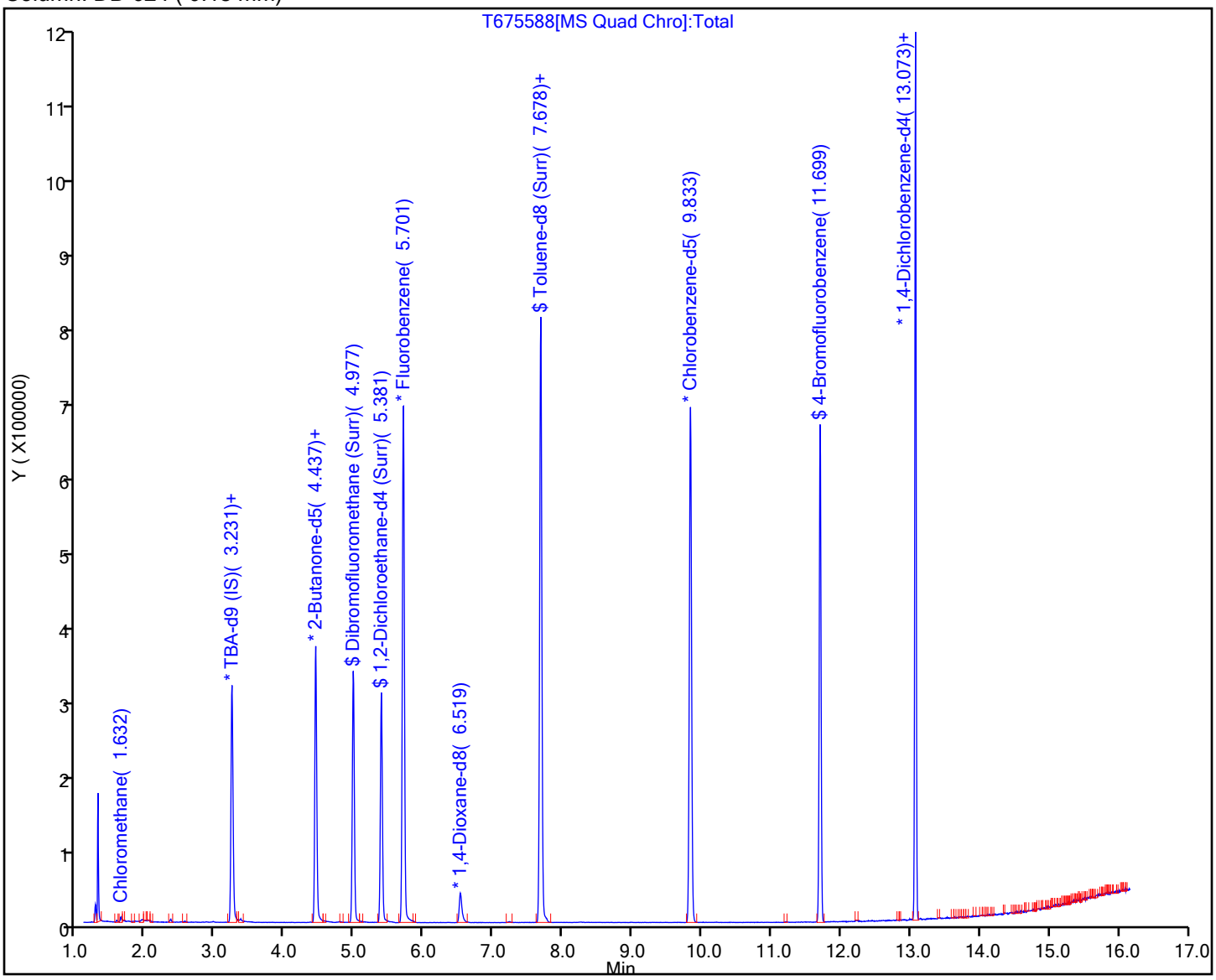
Client ID: NL-MW-FB-01_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D
Lims ID: 460-298659-A-6
Client ID: NL-MW-FB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:42:37 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-6
Misc. Info.: 460-0172710-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 10:18:05 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

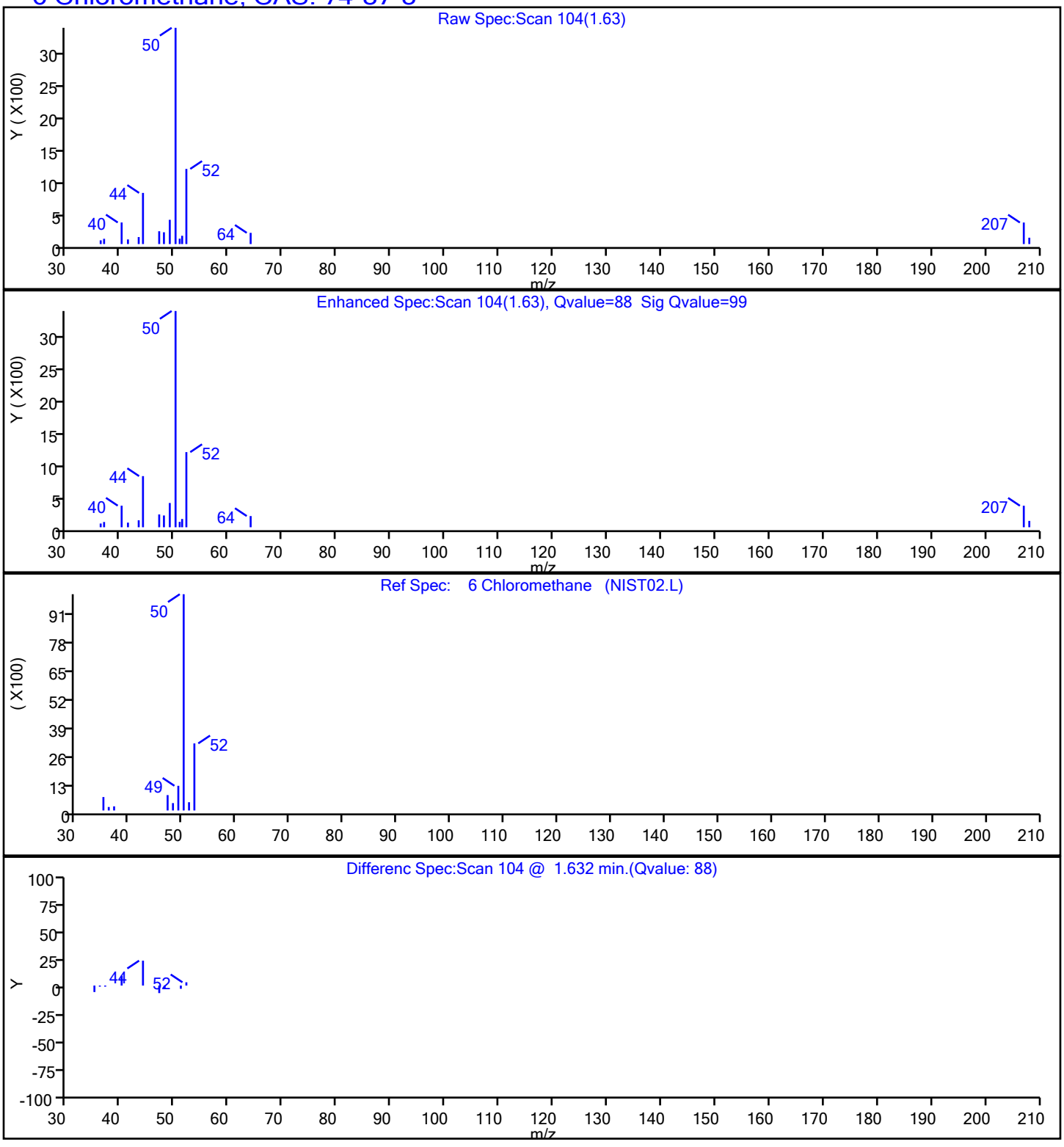
First Level Reviewer: FK2C Date: 26-Feb-2024 10:18:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.4	90.81
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.61
$ 83 Toluene-d8 (Surr)	50.0	56.6	113.30
$ 105 4-Bromofluorobenzene	50.0	47.3	94.69

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D
Injection Date: 26-Feb-2024 09:42:37 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-6 Lab Sample ID: 460-298659-6
Client ID: NL-MW-FB-01_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3



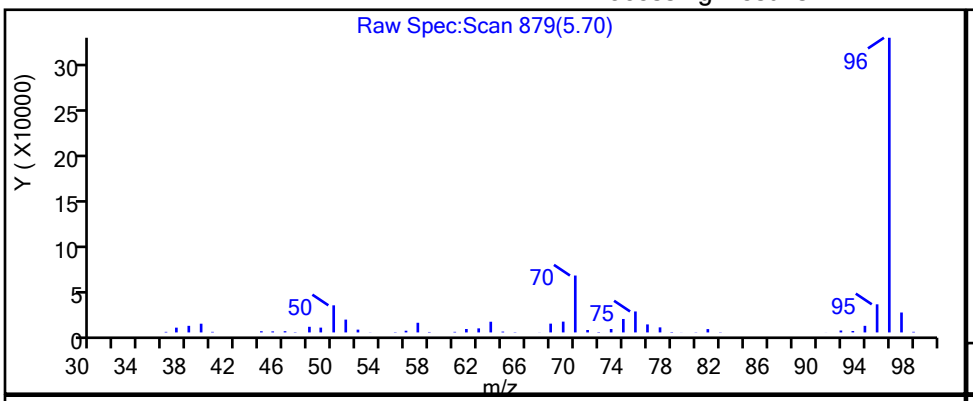
User Disabled Compound Report

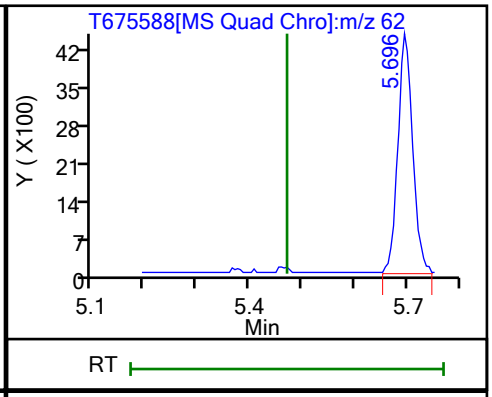
Eurofins Edison

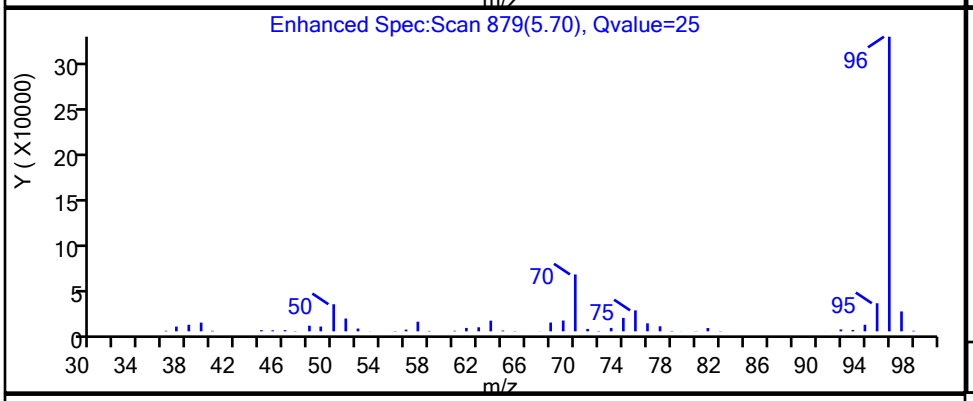
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D				
Injection Date:	26-Feb-2024 09:42:37	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-6	Lab Sample ID:	460-298659-6		
Client ID:	NL-MW-FB-01_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

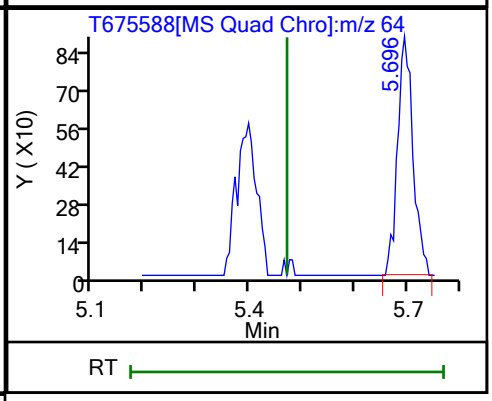
61 1,2-Dichloroethane, CAS: 107-06-2

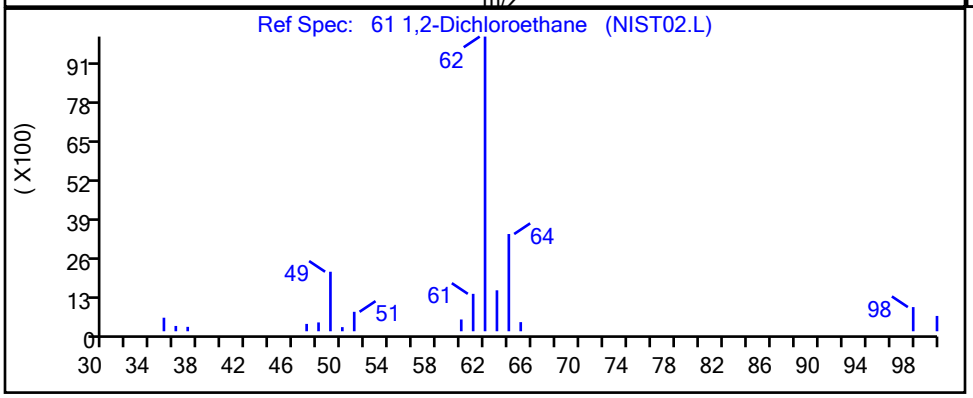
Processing Results











RT	Mass	Response	Amount
5.70	62.00	8691	1.479847
5.70	64.00	1850	

Reviewer: FK2C, 26-Feb-2024 10:17:57 -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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-959077/3	T675077.D
Level 2	STD05 460-959077/4	T675078.D
Level 3	STD1 460-959077/5	T675079.D
Level 4	STD5 460-959077/6	T675080.D
Level 5	STD20 460-959077/7	T675081.D
Level 6	STD50 460-959077/8	T675082.D
Level 7	STD200 460-959077/9	T675083.D
Level 8	STD500 460-959077/10	T675084.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	+++++ 0.0729	0.0638 0.0607	0.0725 0.0781	0.0654	0.0701	Ave		0.0691				8.8		20.0			
Dichlorodifluoromethane	+++++ 0.4691	0.4166 0.4046	0.4793 0.4759	0.4862	0.4649	Ave		0.4567			0.1000	7.1		20.0			
Chlorodifluoromethane	+++++ 0.0576	0.0683 0.0530	0.0632 0.0533	0.0603	0.0590	Ave		0.0592				9.2		20.0			
Chloromethane	+++++ 0.3928	0.4478 0.4201	0.4368 0.4249	0.4211	0.4048	Ave		0.4212			0.1000	4.4		20.0			
Vinyl chloride	+++++ 0.5083	0.5263 0.4981	0.5885 0.4915	0.5326	0.5208	Ave		0.5237			0.1000	6.2		20.0			
Butadiene	0.4003 0.4223	0.4349 0.3951	0.4948 0.4028	0.4640	0.4331	Ave		0.4309				8.0		20.0			
Bromomethane	+++++ 0.1458	0.2478 0.2153	0.2282 +++++	0.1698	0.1472	QuaF		0.1265	0.0004438		0.1000				1.0000		0.9900
Chloroethane	+++++ 2.1905	1.9239 2.1431	2.2203 2.4400	2.2766	2.0385	Ave		2.1761			0.1000	7.6		20.0			
Dichlorofluoromethane	+++++ 0.6853	0.7328 0.7129	0.7353 0.7144	0.7023	0.6934	Ave		0.7109				2.7		20.0			
Trichlorofluoromethane	+++++ 0.5660	0.5100 0.5433	0.5791 0.6142	0.5702	0.5470	Ave		0.5614			0.1000	5.8		20.0			
Pentane	+++++ 0.0540	0.0528 0.0467	0.0503 0.0589	0.0567	0.0524	Ave		0.0531				7.5		20.0			
Ethanol	+++++ 0.2826	0.2640 0.2849	0.3951 0.3034	0.2832	0.2861	Ave		0.2999				14.5		20.0			
Ethyl ether	+++++ 0.2611	0.4368 0.2632	0.3509 0.2649	0.2720	0.2646	Lin2	0.0883	0.2606							1.0000		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.2474	0.2656 0.2318	0.2574 0.2546	0.2583	0.2428	Ave		0.2511				4.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2969	0.3458 0.2933	0.3308 0.3034	0.3045	0.3031	Ave		0.3111				6.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4829	0.5396 0.4831	0.5433 0.4919	0.4982	0.4887	Ave		0.5040				5.2		20.0			
Freon TF	+++++ 0.3185	0.2913 0.2734	0.3128 0.3245	0.3398	0.3157	Ave		0.3109			0.1000	7.1		20.0			
Acrolein	+++++ 0.0609	0.0599 0.0663	0.0550 0.0642	0.0633	0.0582	Ave		0.0611				6.3		20.0			
1,1-Dichloroethene	+++++ 0.3329	0.3661 0.3107	0.3702 0.3271	0.3527	0.3368	Ave		0.3423			0.1000	6.3		20.0			
Acetone	+++++ 0.7009	0.8001 0.9297	0.7963 0.9683	0.6919	0.6972	Ave		0.7978			0.0500	14.2		20.0			
Iodomethane	+++++ 0.4395	0.1812 0.4472	0.2135 0.3842	0.3131	0.4025	QuaF		0.4817	-0.000195						1.0000		0.9900
Carbon disulfide	+++++ 1.1143	1.1774 1.0407	1.2353 1.0466	1.1575	1.1208	Ave		1.1275			0.1000	6.2		20.0			
Isopropyl alcohol	+++++ 3.3175	3.5216 3.2830	3.7364 3.3792	3.2826	3.3504	Ave		3.4101				4.9		20.0			
3-Chloro-1-propene	+++++ 0.2071	0.2319 0.1662	0.2221 0.1648	0.2246	0.2180	Ave		0.2050				13.6		20.0			
Methyl acetate	+++++ 0.2203	0.2160 0.2135	0.2230 0.2097	0.2147	0.2238	Ave		0.2173			0.1000	2.4		20.0			
Cyclopentene	+++++ 0.6644	0.7073 0.6276	0.7159 0.6701	0.6976	0.6645	Ave		0.6782				4.5		20.0			
Acetonitrile	+++++ 0.3136	0.3598 0.2980	0.3688 0.2992	0.3349	0.3174	Ave		0.3274				8.6		20.0			
Methylene Chloride	+++++ 0.4025	0.4176 0.3915	0.4490 0.3935	0.4253	0.4054	Ave		0.4121			0.1000	4.9		20.0			
2-Methyl-2-propanol	7.2857 6.1045	7.0210 5.9484	6.7229 5.6570	6.1429	6.0218	Ave		6.3630				9.0		20.0			
MTBE	+++++ 0.9472	0.8819 0.9502	0.8904 0.9297	0.9184	0.9444	Ave		0.9232			0.1000	3.0		20.0			
trans-1,2-Dichloroethene	+++++ 0.3839	0.3755 0.3731	0.3959 0.3817	0.3995	0.3824	Ave		0.3846			0.1000	2.6		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	0.1375 0.1304	0.1311 0.1332	0.1321 0.1264	0.1294	0.1358	Ave		0.1320				2.7		20.0			
Hexane	+++++ 0.3414	0.2843 0.2816	0.3143 0.3296	0.3467	0.3423	Ave		0.3200				8.6		20.0			
Isopropyl ether	+++++ 0.8365	0.7555 0.8332	0.7692 0.8004	0.8151	0.8374	Ave		0.8068				4.1		20.0			
1,1-Dichloroethane	+++++ 0.6009	0.6089 0.5784	0.6286 0.5800	0.6018	0.6118	Ave		0.6015			0.2000	3.0		20.0			
Vinyl acetate	+++++ 0.3787	0.4770 0.3891	0.4427 0.3978	0.4420	0.4259	Ave		0.4219				8.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3173	0.3133 0.3198	0.3335 0.3328	0.3251	0.3179	Ave		0.3228				2.4		20.0			
Tert-butyl ethyl ether	+++++ 0.9109	0.7409 0.9324	0.8532 0.9060	0.8801	0.9084	Ave		0.8760				7.4		20.0			
2,2-Dichloropropane	+++++ 0.1261	0.1373 0.1228	0.1223 0.1220	0.1364	0.1333	Ave		0.1286				5.3		20.0			
cis-1,2-Dichloroethene	+++++ 0.4288	0.4243 0.4286	0.4608 0.4420	0.4376	0.4307	Ave		0.4361			0.1000	2.8		20.0			
2-Butanone	+++++ 0.3926	0.3883 0.4394	0.4156 0.4876	0.3791	0.3781	Ave		0.4115			0.0500	9.7		20.0			
Ethyl acetate	+++++ 0.3218	0.3250 0.3476	0.3197 0.3842	0.3213	0.3140	Ave		0.3334				7.4		20.0			
Methyl acrylate	+++++ 0.3072	0.2850 0.3146	0.2964 0.2951	0.2930	0.3194	Ave		0.3015				4.1		20.0			
Propionitrile	+++++ 0.0510	0.0520 0.0525	0.0558 0.0492	0.0506	0.0536	Ave		0.0521				4.1		20.0			
Tetrahydrofuran	+++++ 0.4137	0.4166 0.4219	0.4035 0.4485	0.4070	0.4108	Ave		0.4174				3.6		20.0			
Chlorobromomethane	+++++ 0.2121	0.2095 0.2096	0.2252 0.2234	0.2271	0.2256	Ave		0.2189				3.7		20.0			
Methacrylonitrile	+++++ 0.1623	0.1490 0.1811	0.1546 0.1658	0.1526	0.1654	Ave		0.1616				6.7		20.0			
Chloroform	+++++ 0.6308	0.6331 0.6162	0.6902 0.6151	0.6554	0.6464	Ave		0.6410			0.2000	4.1		20.0			
Cyclohexane	+++++ 0.4670	0.4485 0.4141	0.4616 0.4858	0.4873	0.4753	Ave		0.4628			0.1000	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
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.5439	0.5845 0.5184	0.5626 0.5420	0.5655	0.5429	Ave		0.5514			0.1000	3.9		20.0			
Carbon tetrachloride	+++++ 0.4993	0.4690 0.4796	0.5711 0.5173	0.5103	0.4988	Ave		0.5065			0.1000	6.5		20.0			
1,1-Dichloropropene	+++++ 0.4713	0.5118 0.4493	0.5217 0.4703	0.4891	0.4834	Ave		0.4853				5.2		20.0			
Isobutyl alcohol	+++++ 3.2409	3.1979 2.6381	3.1371 3.0835	3.1058	3.1317	Ave		3.0764				6.5		20.0			
Isooctane	+++++ 0.6511	0.5658 0.5710	0.5660 0.6702	0.6291	0.6452	Ave		0.6140				7.3		20.0			
Benzene	+++++ 1.5373	1.6178 1.4317	1.6053 1.3829	1.6112	1.5751	Ave		1.5373			0.5000	6.1		20.0			
Isopropyl acetate	+++++ 0.1762	0.1394 0.1840	0.1830 0.1796	0.1741	0.1782	Ave		0.1735				8.9		20.0			
Tert-amyl methyl ether	+++++ 0.9735	0.7512 1.0150	0.8718 0.9894	0.9096	0.9546	Ave		0.9236				9.8		20.0			
1,2-Dichloroethane	+++++ 0.4128	0.4835 0.4037	0.4460 0.3714	0.4229	0.4161	Ave		0.4224			0.1000	8.3		20.0			
n-Heptane	+++++ 0.2205	0.2230 0.1786	0.2138 0.2058	0.2397	0.2192	Ave		0.2144				8.8		20.0			
n-Butanol	+++++ 1.6311	1.2392 1.7026	1.1978 1.8618	1.3578	1.5479	Ave		1.5055				16.5		20.0			
Trichloroethene	+++++ 0.4133	0.3671 0.4071	0.4212 0.4249	0.4046	0.4176	Ave		0.4080			0.2000	4.8		20.0			
Methylcyclohexane	+++++ 0.4738	0.4464 0.4183	0.4514 0.4931	0.4835	0.4674	Ave		0.4620			0.1000	5.5		20.0			
Ethyl acrylate	+++++ 0.7080	0.6243 0.7016	0.6556 0.7137	0.6722	0.7032	Ave		0.6827				4.9		20.0			
1,2-Dichloropropane	+++++ 0.3451	0.3378 0.3404	0.3559 0.3403	0.3484	0.3495	Ave		0.3453			0.1000	1.9		20.0			
Methyl methacrylate	+++++ 0.1038	0.0920 0.1139	0.0879 0.1126	0.0919	0.1031	Ave		0.1007				10.3		20.0			
1,4-Dioxane	+++++ 1.0416	1.0502 0.9665	1.1021 0.8354	1.0922	1.0735	Ave		1.0231				9.2		20.0			
Dibromomethane	+++++ 0.2602	0.2333 0.2600	0.2733 0.2229	0.2627	0.2571	Ave		0.2528				7.1		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.3838	0.3323 0.4212	0.3735 0.3701	0.3501	0.4048	Ave		0.3765				8.1		20.0			
Bromodichloromethane	+++++ 0.5039	0.4527 0.5036	0.5013 0.5096	0.4987	0.5019	Ave		0.4960			0.2000	3.9		20.0			
2-Nitropropane	+++++ 0.0677	0.0896 0.0736	0.0734 0.0695	0.0679	0.0693	Ave		0.0730				10.6		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0361	0.0312 0.0273	0.0463 0.0257	0.0365	0.0422	QuaF		0.0298	-0.000008						0.9980		0.9900
Epichlorohydrin	0.2503 0.2265	0.2114 0.2182	0.2272 0.1883	0.2229	0.2294	Ave		0.2218				7.9		20.0			
cis-1,3-Dichloropropene	+++++ 0.6747	0.6199 0.6406	0.6657 0.6133	0.6831	0.6890	Ave		0.6552			0.2000	4.7		20.0			
4-Methyl-2-pentanone	+++++ 2.1217	1.8617 2.1304	1.9059 2.0881	1.9035	2.0235	Ave		2.0050			0.0500	5.7		20.0			
Toluene	+++++ 1.7025	1.9921 1.5964	1.9050 1.5148	1.7617	1.7296	Ave		1.7432			0.4000	9.5		20.0			
trans-1,3-Dichloropropene	+++++ 0.6093	0.5216 0.5884	0.5876 0.5576	0.5958	0.6133	Ave		0.5820			0.1000	5.5		20.0			
Ethyl methacrylate	+++++ 0.4759	0.4015 0.4676	0.4105 0.4369	0.4378	0.4667	Ave		0.4424				6.6		20.0			
1,1,2-Trichloroethane	+++++ 0.3359	0.3402 0.3233	0.3216 0.3082	0.3410	0.3403	Ave		0.3301			0.1000	3.8		20.0			
Tetrachloroethene	+++++ 0.4845	0.4561 0.4576	0.5150 0.4658	0.4950	0.4896	Ave		0.4805			0.2000	4.5		20.0			
1,3-Dichloropropane	+++++ 0.6139	0.3945 0.5900	0.6068 0.5512	0.6211	0.6234	Ave		0.5716				14.3		20.0			
2-Hexanone	+++++ 1.4849	1.3460 1.5854	1.3832 1.5744	1.3547	1.4345	Ave		1.4519			0.0500	6.9		20.0			
n-Butyl acetate	+++++ 0.4313	0.4278 0.4316	0.4442 0.3798	0.4227	0.4335	Ave		0.4244				4.9		20.0			
Dibromochloromethane	+++++ 0.4853	0.4513 0.4724	0.4569 0.4521	0.4764	0.4753	Ave		0.4671			0.1000	2.9		20.0			
1,2-Dibromoethane	+++++ 0.4253	0.3663 0.4090	0.4220 0.3872	0.4169	0.4280	Ave		0.4078			0.1000	5.6		20.0			
Chlorobenzene	+++++ 1.1375	1.0865 1.0869	1.2296 1.0403	1.1435	1.1447	Ave		1.1242			0.5000	5.4		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.5895	0.5717 0.5670	0.6186 0.5667	0.5964	0.5825	Ave		0.5846			0.1000	3.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4257	0.2795 0.4129	0.4032 0.4025	0.4214	0.4223	Ave		0.3953				13.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6975	0.7722 0.6569	0.7572 0.6521	0.7256	0.7024	Ave		0.7091			0.1000	6.5		20.0			
o-Xylene	+++++ 0.6957	0.7081 0.6673	0.7464 0.6713	0.6877	0.7014	Ave		0.6968			0.3000	3.8		20.0			
n-Butyl acrylate	+++++ 0.2984	0.2424 0.2982	0.2890 0.2816	0.2786	0.2900	Ave		0.2826				6.8		20.0			
Styrene	+++++ 1.1597	1.1098 1.1019	1.1362 1.0530	1.1307	1.1500	Ave		1.1202			0.3000	3.2		20.0			
Bromoform	+++++ 0.3678	0.4015 0.3684	0.3940 0.3610	0.3545	0.3693	Ave		0.3738			0.1000	4.6		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8534	0.7702 0.8507	0.8272 0.7650	0.8188	0.8593	Ave		0.8207				4.8		20.0			
Isopropylbenzene	+++++ 1.6713	1.6583 1.5490	1.8300 1.4930	1.7308	1.6803	Ave		1.6590			0.1000	6.7		20.0			
Bromobenzene	+++++ 0.9154	0.8722 0.9269	0.9163 0.9396	0.9080	0.9144	Ave		0.9133				2.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8374	0.8100 0.8477	0.8660 0.8238	0.8450	0.8514	Ave		0.8402			0.3000	2.2		20.0			
N-Propylbenzene	+++++ 3.5300	3.5093 3.3614	3.6744 3.2165	3.5761	3.5206	Ave		3.4840				4.3		20.0			
1,2,3-Trichloropropane	+++++ 0.2701	0.2630 0.2703	0.2332 0.2616	0.2623	0.2702	Ave		0.2615				5.0		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2065	0.2071 0.2018	0.1781 0.1860	0.1979	0.2116	Ave		0.1984				6.2		20.0			
2-Chlorotoluene	+++++ 2.3100	2.3165 2.2533	2.3680 2.2411	2.3106	2.3052	Ave		2.3007				1.8		20.0			
4-Ethyltoluene	+++++ 2.9519	2.8698 2.8685	3.1084 2.7553	2.9375	2.9539	Ave		2.9207				3.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3547	2.2505 2.2757	2.3889 2.2227	2.3407	2.3361	Ave		2.3099				2.6		20.0			
4-Chlorotoluene	+++++ 2.3107	2.3001 2.2311	2.3526 2.1730	2.3237	2.3159	Ave		2.2867				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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.8731	0.7339 0.9042	0.7364 0.8903	0.7640	0.8370	Ave		0.8198				9.0		20.0			
tert-Butylbenzene	+++++ 1.9847	2.0049 1.9215	2.0541 1.9342	2.0189	1.9931	Ave		1.9873				2.3		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4716	2.2138 2.4080	2.4233 2.3124	2.4089	2.4418	Ave		2.3828				3.7		20.0			
sec-Butylbenzene	+++++ 2.8298	2.8149 2.6976	2.9718 2.6056	2.9117	2.8435	Ave		2.8107				4.4		20.0			
1,3-Dichlorobenzene	+++++ 1.5435	1.4227 1.5731	1.5357 1.5609	1.4999	1.5197	Ave		1.5222			0.6000	3.3		20.0			
4-Isopropyltoluene	+++++ 2.4273	2.3137 2.3530	2.5221 2.2698	2.4293	2.4070	Ave		2.3889				3.5		20.0			
1,4-Dichlorobenzene	+++++ 1.5509	1.5938 1.5619	1.5595 1.5317	1.5377	1.5439	Ave		1.5542			0.5000	1.3		20.0			
1,2,3-Trimethylbenzene	+++++ 2.4642	2.4000 2.5158	2.3886 2.3535	2.4321	2.4299	Ave		2.4263				2.2		20.0			
Benzyl chloride	+++++ 1.5235	1.5488 1.6012	1.4496 1.4951	1.4333	1.5224	Ave		1.5105				3.8		20.0			
Indan	+++++ 2.5609	2.5006 2.6044	2.5198 2.4074	2.4971	2.5544	Ave		2.5207				2.5		20.0			
p-Diethylbenzene	+++++ 1.4543	1.4548 1.4739	1.4107 1.4477	1.4125	1.4288	Ave		1.4404				1.6		20.0			
n-Butylbenzene	+++++ 1.1318	1.0702 1.0996	1.1717 1.0866	1.1267	1.1394	Ave		1.1180				3.1		20.0			
1,2-Dichlorobenzene	+++++ 1.4047	1.2711 1.4260	1.3560 1.3814	1.3875	1.4194	Ave		1.3780			0.4000	3.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.0366	1.8338 2.1555	2.0266 2.0518	1.9281	1.9973	Ave		2.0042				5.1		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2247	0.2001 0.2376	0.2271 0.2300	0.2107	0.2271	Ave		0.2225			0.0500	5.7		20.0			
1,3,5-Trichlorobenzene	+++++ 0.9327	0.7985 0.9958	0.9168 0.9807	0.8907	0.9107	Ave		0.9180				7.1		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8216	0.8006 0.8534	0.7830 0.8547	0.7558	0.7911	Ave		0.8086			0.2000	4.5		20.0			
Hexachlorobutadiene	+++++ 0.3590	0.4450 0.3578	0.4105 0.3625	0.3740	0.3569	Ave		0.3808				8.9		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 2.1311	2.0475 2.2368	2.0650 2.0773	1.9980	2.0912	Ave		2.0924				3.6		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7045	0.7056 0.7290	0.6752 0.7189	0.6687	0.6847	Ave		0.6981				3.2		20.0			
Dibromofluoromethane (Surr)	0.3100 0.3016	0.3072 0.3016	0.3099 0.3047	0.3085	0.3052	Ave		0.3061				1.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2780 0.2693	0.2769 0.2717	0.2786 0.2621	0.2760	0.2729	Ave		0.2732				2.0		20.0			
Toluene-d8 (Surr)	1.1477 1.1580	1.1630 1.1066	1.1657 1.0690	1.1830	1.1633	Ave		1.1445				3.3		20.0			
Bromofluorobenzene	0.4564 0.4432	0.4638 0.4227	0.4571 0.4152	0.4550	0.4413	Ave		0.4443				3.9		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-959077/3	T675077.D
Level 2	STD05 460-959077/4	T675078.D
Level 3	STD1 460-959077/5	T675079.D
Level 4	STD5 460-959077/6	T675080.D
Level 5	STD20 460-959077/7	T675081.D
Level 6	STD50 460-959077/8	T675082.D
Level 7	STD200 460-959077/9	T675083.D
Level 8	STD500 460-959077/10	T675084.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	+++++ 41845	365 142098	804 477692	3629	15753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 269389	2384 947284	5317 2909867	26965	104433	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 33063	391 124012	701 325774	3343	13265	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 225591	2563 983559	4845 2597803	23355	90937	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 291890	3012 1165988	6528 3005161	29538	116999	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1149 242501	2489 924979	5489 2462960	25731	97300	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	QuaF	+++++ 83724	1418 503928	2531 +++++	9419	33060	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chloroethane	BUT	Ave	+++++ 154203	1323 628092	3007 1700588	15296	58837	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 393545	4194 1668920	8157 4368197	38950	155778	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 325044	2919 1271876	6424 3755493	31623	122891	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 61991	604 218801	1117 720356	6289	23532	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 36030	334 155514	978 370036	3439	15183	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 149958	2500 616112	3892 1619734	15087	59440	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 142100	1520 542582	2855 1556539	14323	54544	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 170503	1979 686510	3670 1855051	16886	68104	+++++ 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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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	+++++ 277352	3088 1131051	6027 3007828	27631	109801	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Freon TF	FB	Ave	+++++ 182933	1667 640081	3470 1984371	18844	70923	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 69950	1371 155313	2441 314059	14038	26154	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 191169	2095 727336	4106 2000299	19559	75673	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 246695	2751 1362294	5392 3374355	23243	100609	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	+++++ 252407	1037 1046974	2368 2348954	17367	90436	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 639962	6738 2436387	13703 6399031	64195	251806	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 105725	1114 448086	2312 1030441	9967	44454	+++++ 500	5.00 2000	10.0 5000	50.0	200
3-Chloro-1-propene	FB	Ave	+++++ 118956	1327 389118	2464 1007806	12458	48969	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 253047	2472 999700	4947 2563820	23814	100548	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 381575	4048 1469123	7941 4097030	38686	149275	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 220774	2474 873417	4994 2085293	22498	91596	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 231144	2390 916412	4981 2405886	23585	91074	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	927 194545	2221 811868	4160 1725011	18652	79899	2.00 500	5.00 2000	10.0 5000	50.0	200
MTBE	FB	Ave	+++++ 543945	5047 2224519	9877 5684332	50933	212176	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 220490	2149 873358	4392 2333799	22158	85908	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3158 749078	7501 3117678	14659 7730549	71780	305065	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 196072	1627 659228	3487 2015575	19228	76890	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 480398	4324 1950595	8533 4894174	45204	188118	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 345096	3485 1353953	6973 3546249	33376	137449	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++	656	1199	5939	24584	+++++	1.00	2.00	10.0	40.0

Lab Name: Eurofins Edison | Job No.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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
			53315	228070	554452			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	+++++ 182219	1793 748670	3700 2035118	18028	71427	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 523129	4240 2182813	9464 5539279	48810	204085	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 72409	786 287364	1357 745929	7565	29937	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 246283	2428 1003423	5112 2702261	24267	96771	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone	BUT	Ave	+++++ 138173	1335 643913	2814 1699079	12735	54558	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 45303	447 203753	866 535560	4318	18125	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 176399	1631 736431	3288 1804304	16252	71753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 292685	2976 1229123	6189 3009012	28086	120494	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 58238	573 247307	1093 625240	5469	23711	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 121819	1199 490788	2498 1366211	12595	50686	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 931911	8527 4239319	17155 10139929	84658	371585	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 362273	3623 1442576	7656 3760873	36346	145230	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 268174	2567 969451	5120 2970392	27028	106778	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 312383	3345 1213523	6241 3314199	31361	121965	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 286744	2684 1122821	6335 3162804	28303	112056	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 270637	2929 1051769	5787 2875702	27124	108609	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 258211	2529 900170	4853 2350694	23576	103880	+++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 373900	3238 1336764	6278 4098070	34890	144939	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 800557	8070 3203546	15609 8359136	78538	317801	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++	798	2030	9657	40033	+++++	0.500	1.00	5.00	20.0

Lab Name: Eurofins Edison | Job No.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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
			101196	430814	1098127			50.0	200	500		
Tert-amyl methyl ether	FB	Ave	+++++ 559059	4299 2376176	9671 6049796	50446	214451	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 237069	2767 945099	4947 2271096	23455	93490	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 126611	1276 418137	2372 1258132	13293	49243	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 129950	980 580936	1853 1419357	10307	51346	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 237330	2101 953027	4672 2597958	22439	93820	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 272117	2555 979346	5007 3015159	26817	105013	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 406623	3573 1642364	7272 4364040	37279	157970	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 198204	1933 796856	3948 2080842	19320	78524	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 119229	1053 533062	1951 1377052	10190	46303	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 55871	1404 231897	2898 552592	5836	23465	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 149437	1335 608659	3032 1363017	14570	57751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 220400	1902 985945	4143 2262830	19414	90950	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 289407	2591 1179041	5561 3116072	27658	112751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 77764	1026 344523	1629 850131	7528	31129	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	QuaF	+++++ 20766	179 64159	515 157799	2028	9508	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1716 318923	2907 1279140	6153 2624778	29946	132399	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 351360	3092 1433348	6473 3707520	33300	139011	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 746771	6401 3121788	12906 7276625	63946	292014	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 886612	9937 3572254	18523 9156918	85876	348973	+++++ 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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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	+++++ 317316	2602 1316697	5713 3370766	29042	123749	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 247838	2003 1046407	3991 2640743	21342	94165	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 174929	1697 723448	3127 1863093	16624	68655	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 252314	2275 1023970	5007 2815798	24128	98782	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 319717	1968 1320312	5900 3331682	30277	125784	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 522650	4628 2323129	9366 5486725	45511	207025	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 224587	2134 965844	4319 2296091	20606	87461	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 252720	2251 1057015	4443 2732967	23224	95897	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 221468	1827 915102	4103 2340368	20320	86367	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 592361	5420 2432207	11956 6288609	55742	230965	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 307006	2852 1268681	6015 3425765	29072	117537	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 221701	1394 923824	3920 2433000	20542	85213	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 363204	3852 1469846	7362 3941919	35371	141725	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 362279	3532 1493095	7257 4057825	33521	141518	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++	1209	2810	13579	58519	+++++	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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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
			155371	667377	1702238			50.0	200	500		
Styrene	CBNZd5	Ave	+++++ 603940	5536 2465662	11047 6365235	55118	232028	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 191559	2003 824425	3831 2182109	17282	74509	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 247421	2205 1018472	4622 2426680	22748	97396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 870354	8272 3466233	17793 9024750	84370	339032	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 265389	2497 1109687	5120 2980569	25227	103646	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 242766	2319 1014880	4839 2613177	23477	96499	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1023391	10047 4024284	20532 10202780	99355	399031	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 78312	753 323627	1303 829860	7287	30620	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 59853	593 241605	995 589885	5499	23984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 669702	6632 2697664	13232 7108874	64195	261278	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 855802	8216 3434103	17369 8740020	81612	334800	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 682653	6443 2724492	13349 7050461	65031	264783	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 669890	6585 2671102	13146 6892890	64560	262495	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 253134	2101 1082468	4115 2823975	21226	94871	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 575376	5740 2300342	11478 6135214	56091	225908	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 716543	6338 2882846	13541 7335109	66926	276766	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 820403	8059 3229496	16606 8265078	80896	322286	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 447479	4073 1883239	8581 4951203	41673	172248	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 703708	6624 2816938	14093 7200014	67494	272818	+++++ 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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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	+++++ 449627	4563 1869867	8714 4858750	42722	174992	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 714402	6871 3011920	13347 7465502	67570	275415	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 441678	4434 1916896	8100 4742432	39822	172551	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 742436	7159 3118001	14080 7636321	69377	289528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 421623	4165 1764592	7883 4592117	39243	161941	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 328124	3064 1316444	6547 3446701	31302	129138	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 407229	3639 1707241	7577 4381807	38549	160883	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 590445	5250 2580582	11324 6508391	53569	226379	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 65129	573 284464	1269 729435	5853	25737	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 270409	2286 1192192	5123 3110902	24746	103219	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 238187	2292 1021739	4375 2711029	20999	89663	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 104068	1274 428296	2294 1149809	10390	40449	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 617832	5862 2677899	11539 6589413	55511	237018	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 204241	2020 872766	3773 2280332	18578	77610	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	177961 173215	175786 176501	171861 186308	171109	171401	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159605 154672	158452 158990	154523 160275	153073	153283	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	584672 603040	580140 619026	566738 646189	576639	586810	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	232491 230818	231337 236472	222242 250994	221773	222599	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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-959077/3	T675077.D
Level 2	STD05 460-959077/4	T675078.D
Level 3	STD1 460-959077/5	T675079.D
Level 4	STD5 460-959077/6	T675080.D
Level 5	STD20 460-959077/7	T675081.D
Level 6	STD50 460-959077/8	T675082.D
Level 7	STD200 460-959077/9	T675083.D
Level 8	STD500 460-959077/10	T675084.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	+++++	-0.1						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Feb-2024 23:40:51 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0172222-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:30 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 15-Feb-2024 12:07:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.748	1.748	0.000	43	1149	0.2500	0.2322	
* 31 TBA-d9 (IS)	66	3.231	3.231	0.000	94	63618	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	22	927	2.00	2.29	
33 Acrylonitrile	53	3.541	3.541	0.000	66	3158	2.00	2.08	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	47	342746	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.977	0.000	96	177961	50.0	50.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	90	159605	50.0	50.9	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	574097	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.519	0.000	1	55464	1000.0	1000.0	
80 Epichlorohydrin	57	7.321	7.321	0.000	9	1716	5.00	5.64	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	584672	50.0	50.1	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	82	509412	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	232491	50.0	51.4	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	92	289722	50.0	50.0	

QC Flag Legend
Processing Flags

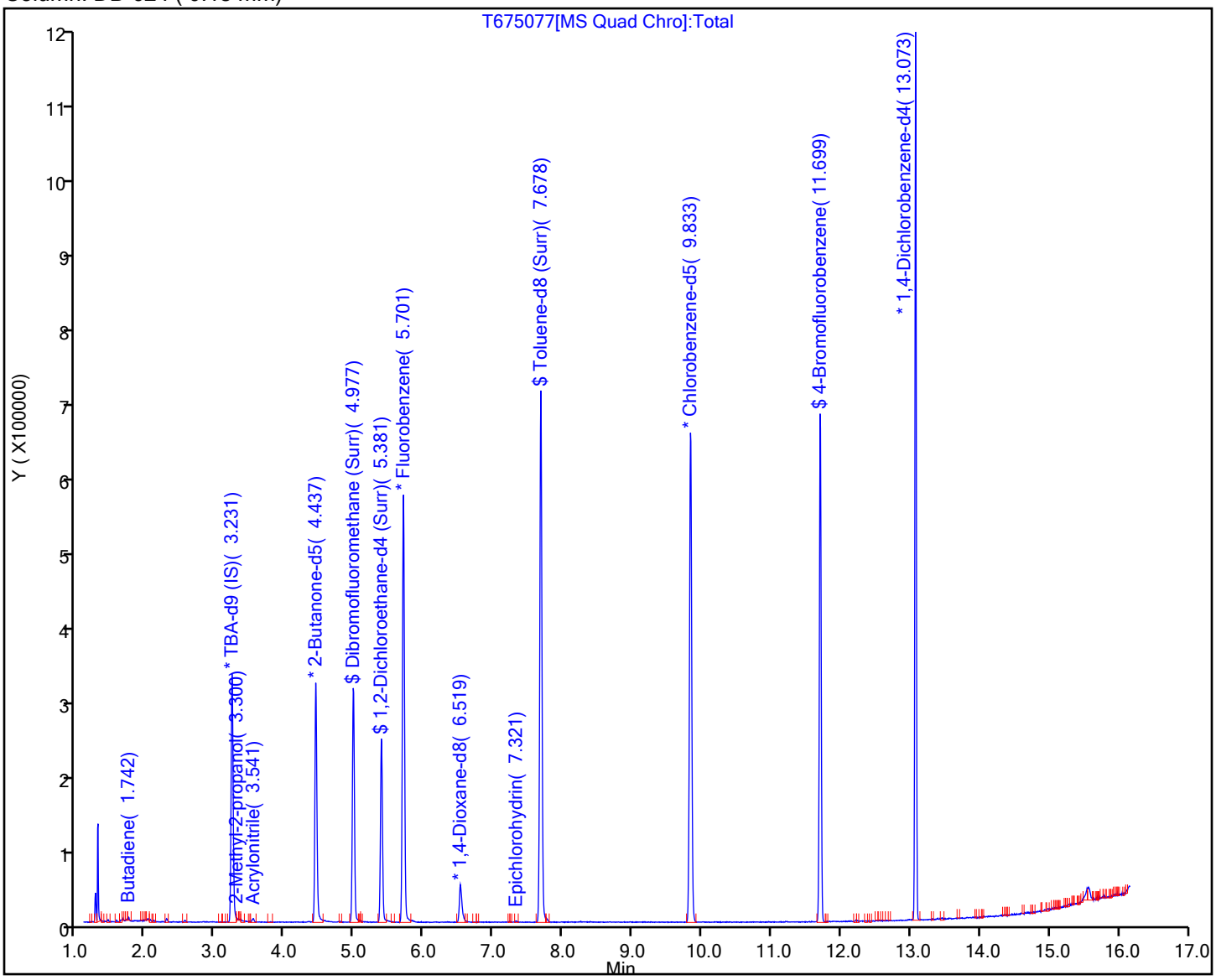
Reagents:

524FREONS_00014	Amount Added:	0.00	Units: uL	
GASES Li_00571	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00183	Amount Added:	0.00	Units: uL	
ACROLEIN W_00165	Amount Added:	0.00	Units: uL	
GAS Hi_00462	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00121	Amount Added:	20.00	Units: uL	
Ethanol mix_00086	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00145	Amount Added:	0.00	Units: uL	
MIX I Hi_00173	Amount Added:	0.00	Units: uL	
7 Freons Hi_00011	Amount Added:	0.00	Units: uL	
VMTBA500_00045	Amount Added:	2.00	Units: uL	
14DIOXINTER_00165	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:31 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison

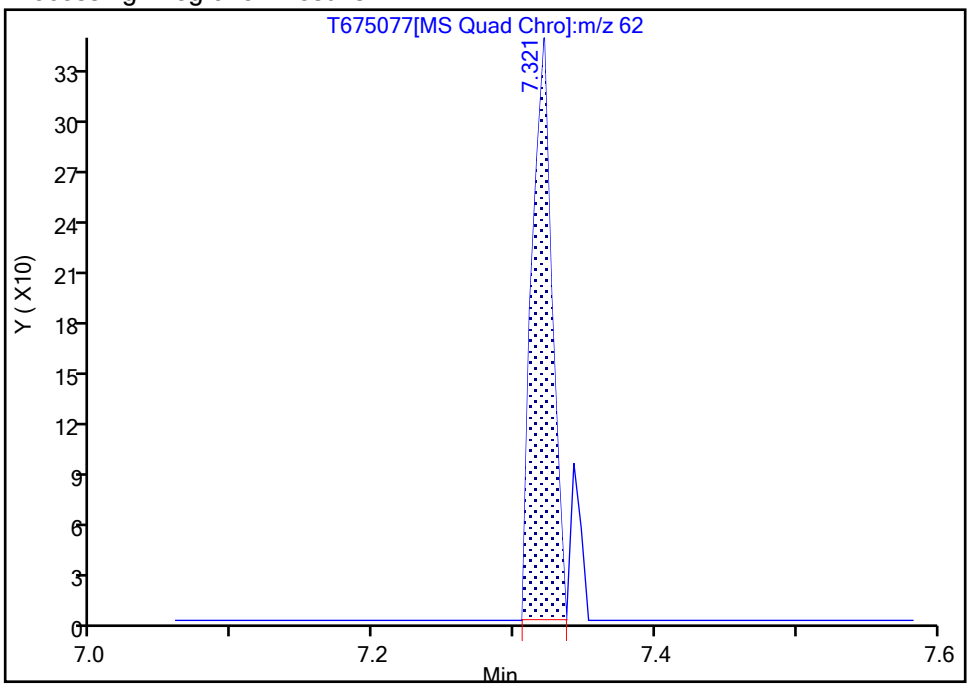
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

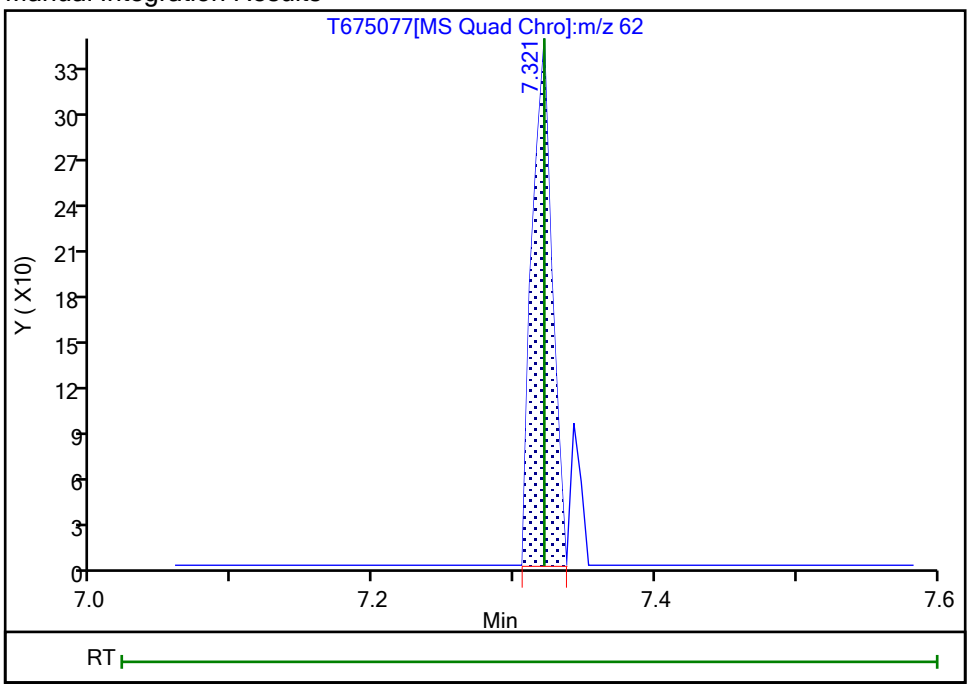
Processing Integration Results

RT: 7.32
Area: 336
Amount: 5.644038
Amount Units: ug/l



Manual Integration Results

RT: 7.32
Area: 336
Amount: 5.644038
Amount Units: ug/l



Reviewer: W9CM, 13-Feb-2024 18:30:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

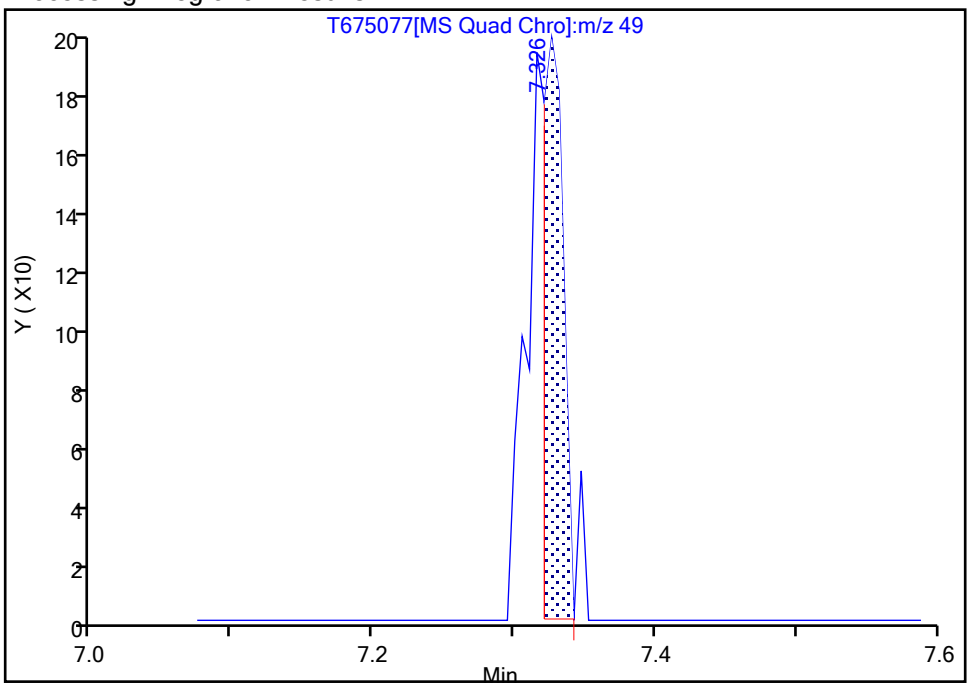
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

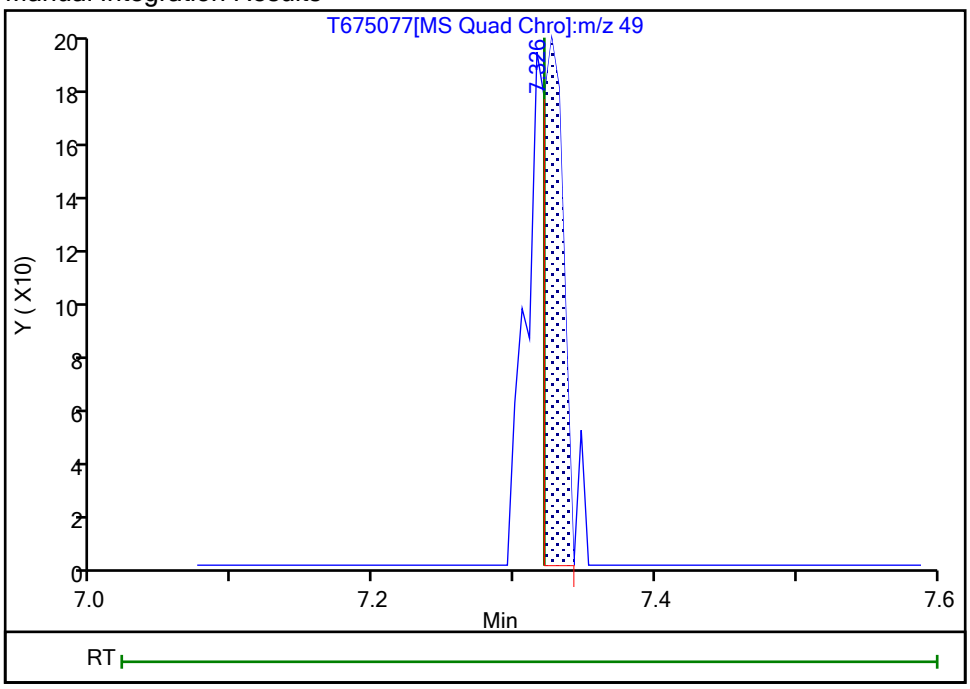
Processing Integration Results

RT: 7.33
Area: 198
Amount: 5.644038
Amount Units: ug/l



Manual Integration Results

RT: 7.33
Area: 198
Amount: 5.644038
Amount Units: ug/l



Reviewer: W9CM, 13-Feb-2024 18:30:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

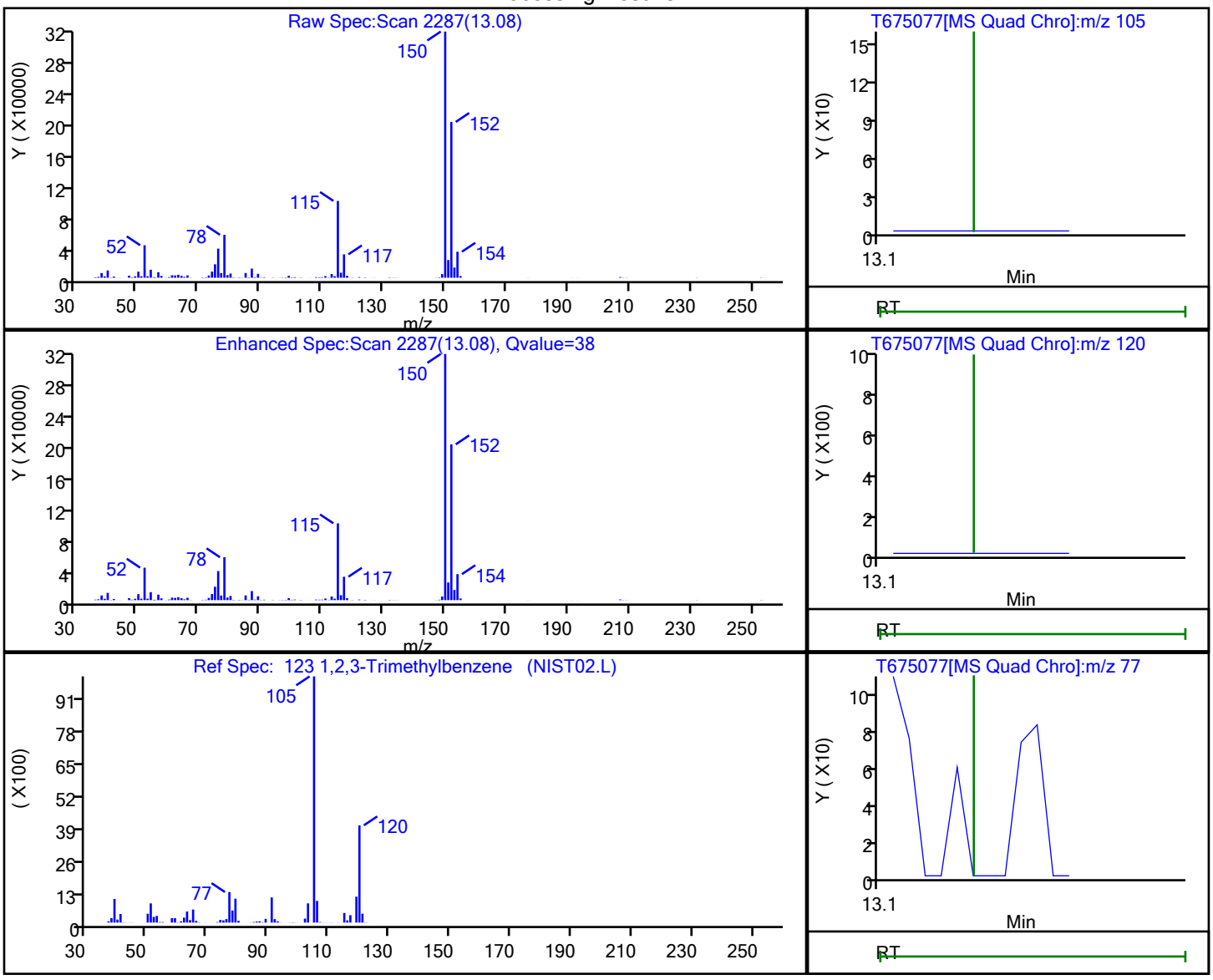
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.08	105.00	25	0.001778
13.07	120.00	419	
13.07	77.00	9319	

Reviewer: W9CM, 13-Feb-2024 18:31:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

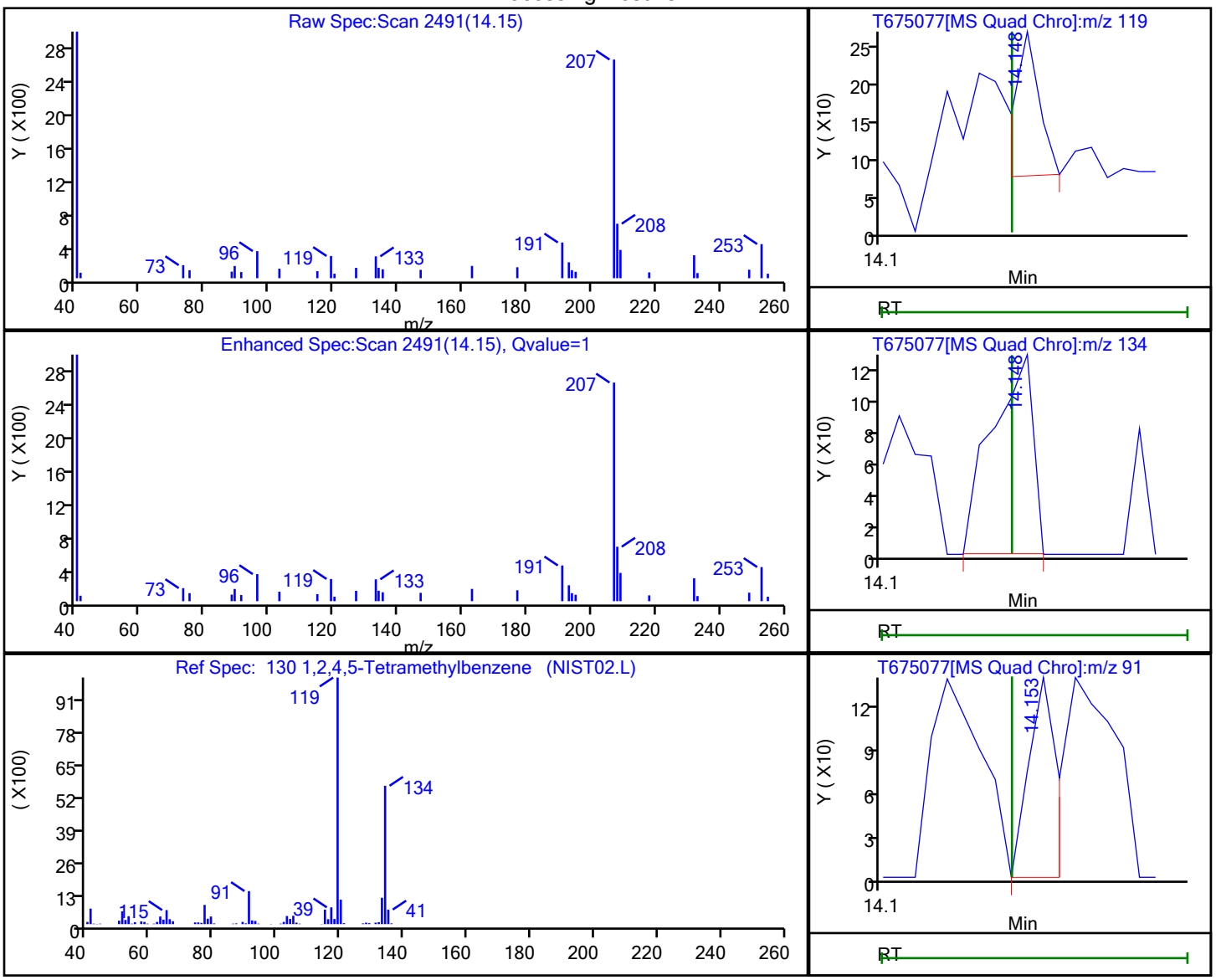
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.15	119.00	108	0.009300
14.15	134.00	116	
14.15	91.00	87	

Reviewer: W9CM, 13-Feb-2024 18:31:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

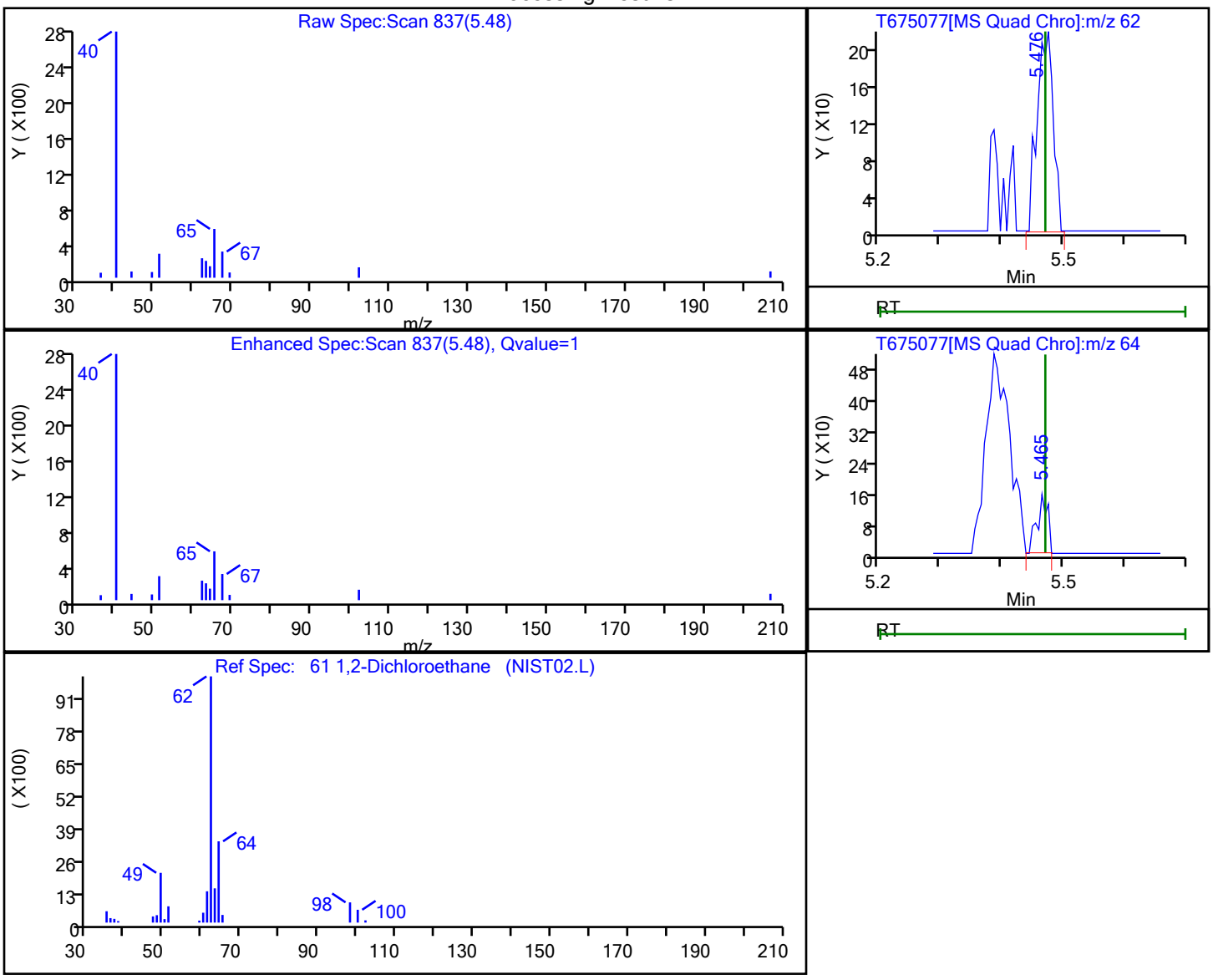
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.48	62.00	393	0.081040
5.47	64.00	185	

Reviewer: W9CM, 13-Feb-2024 18:30:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

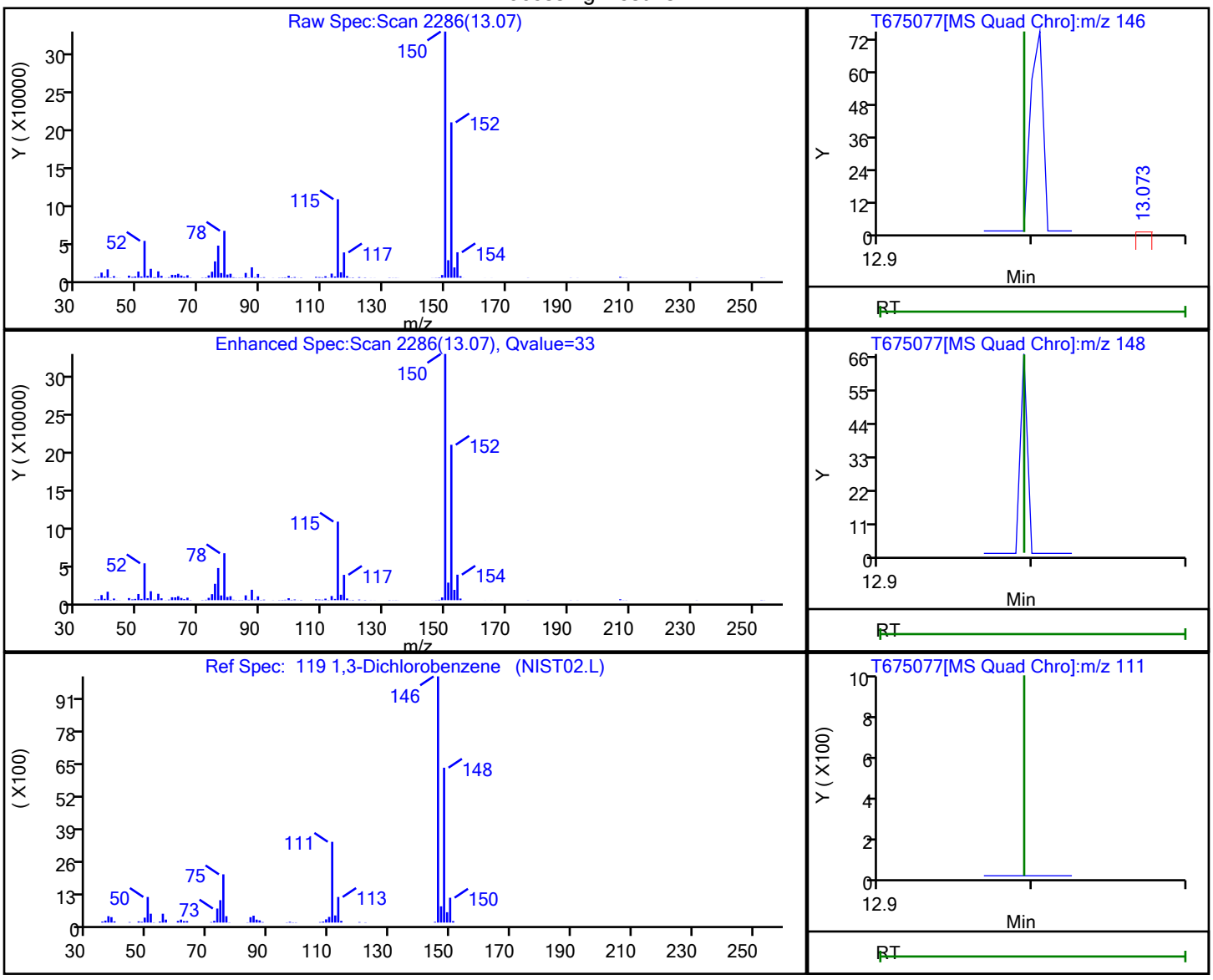
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.07	146.00	53	0.005914
13.08	148.00	790	
13.07	111.00	2978	

Reviewer: W9CM, 13-Feb-2024 18:30:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

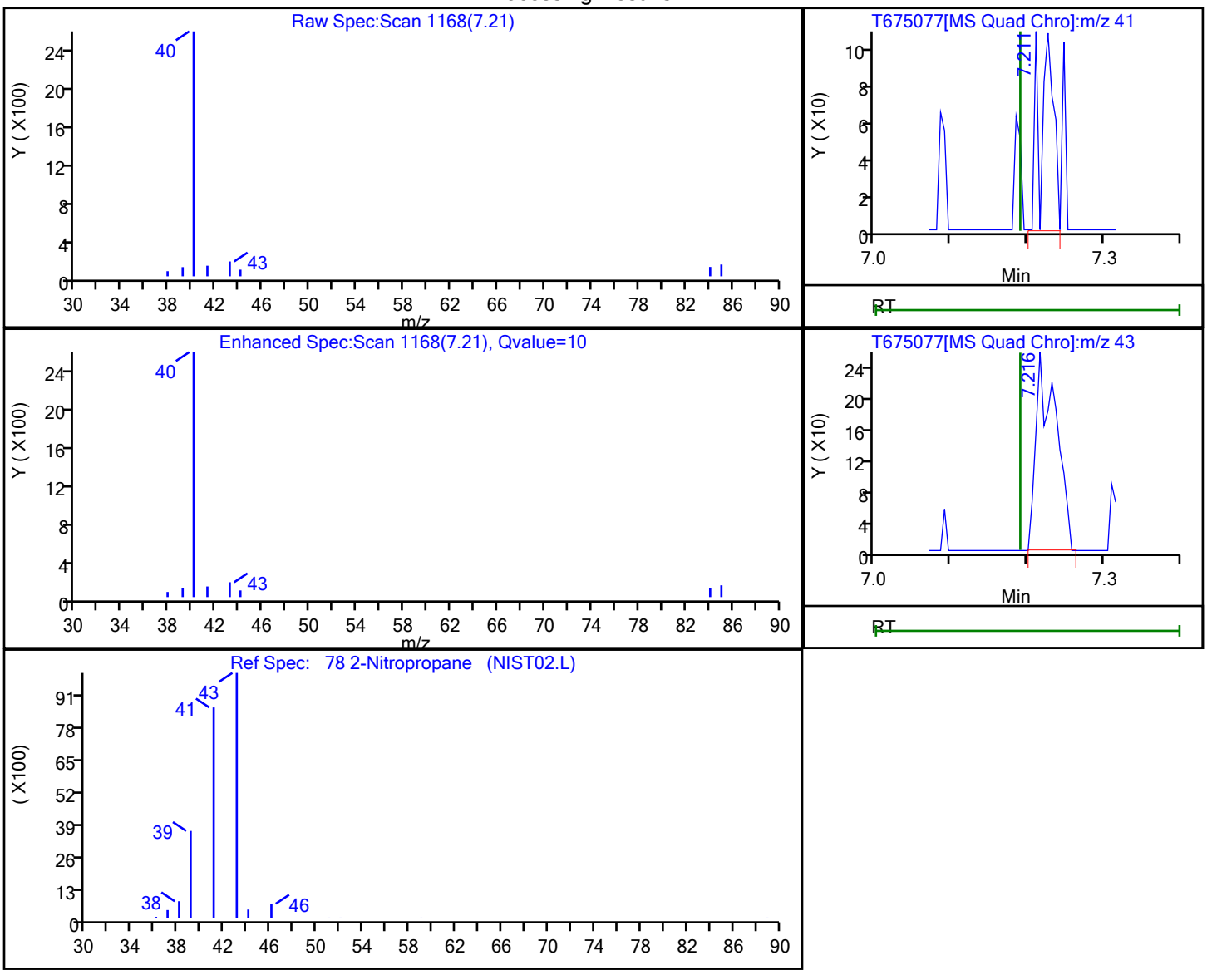
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
7.21	41.00	137	0.163442
7.22	43.00	467	

Reviewer: W9CM, 13-Feb-2024 18:30:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

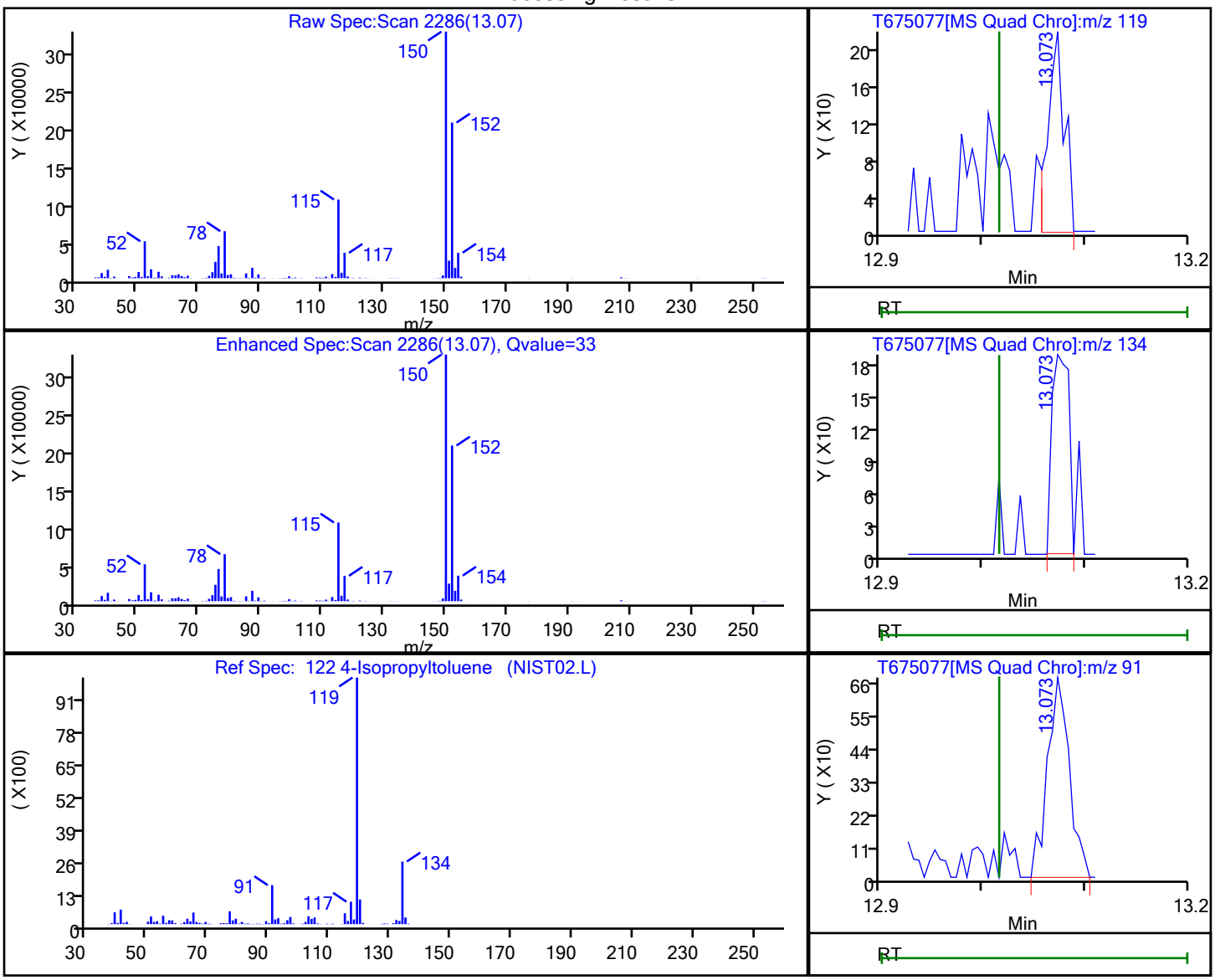
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.07	119.00	234	0.016905
13.07	134.00	217	
13.07	91.00	1012	

Reviewer: W9CM, 13-Feb-2024 18:31:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

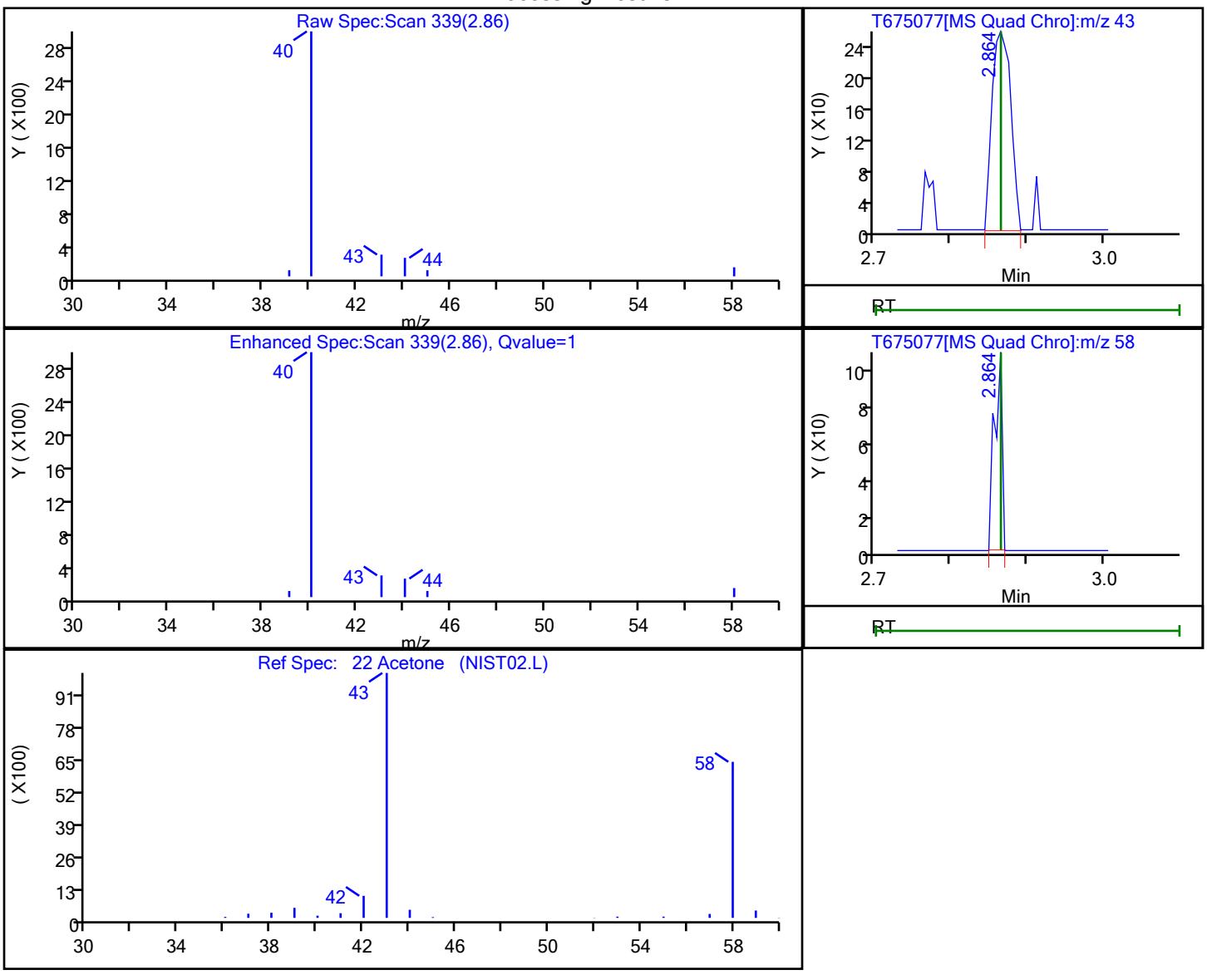
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.86	43.00	442	0.404131
2.86	58.00	76	

Reviewer: W9CM, 13-Feb-2024 18:30:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

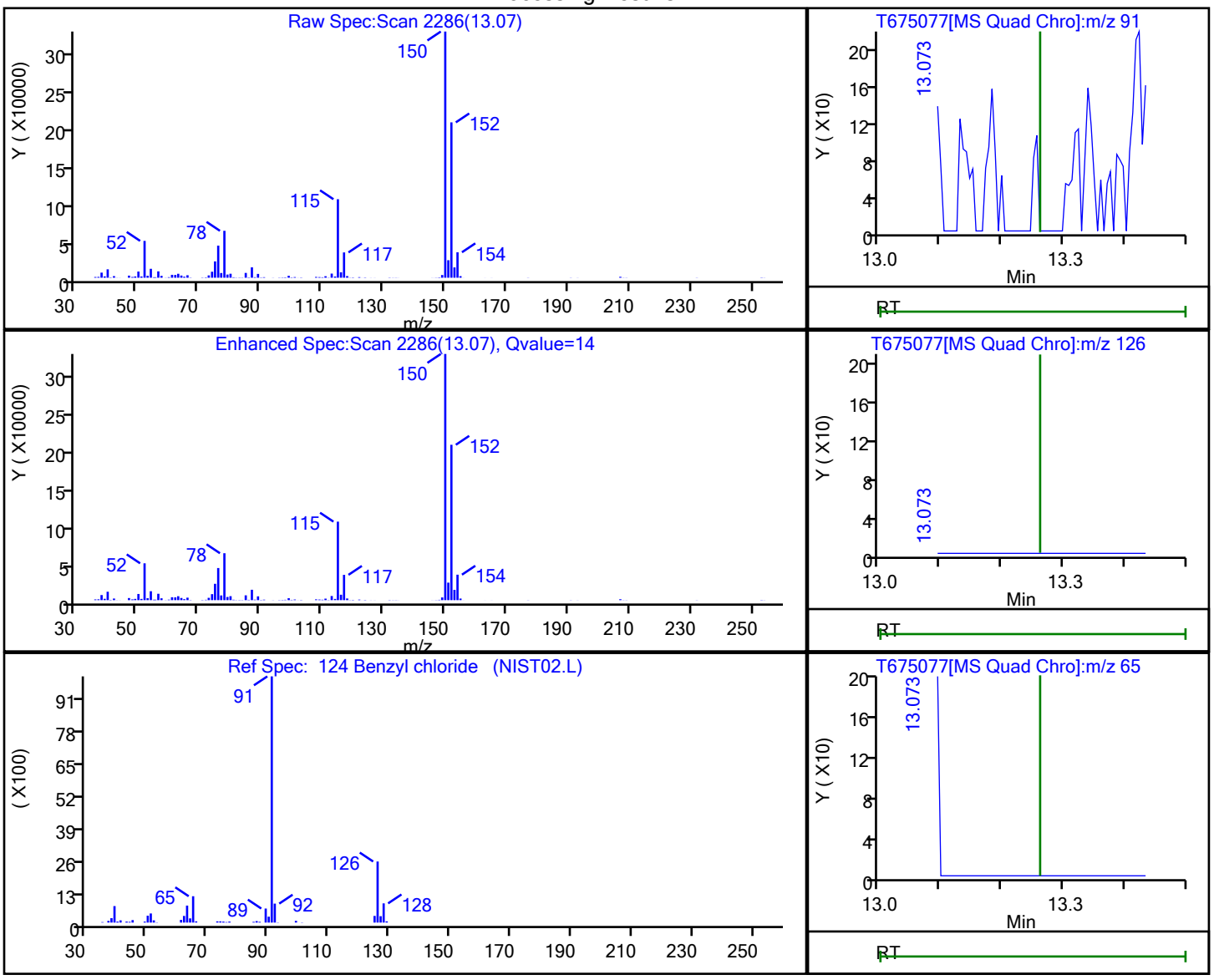
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.07	91.00	1012	0.115621
13.07	126.00	120	
13.07	65.00	1853	

Reviewer: W9CM, 13-Feb-2024 18:31:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

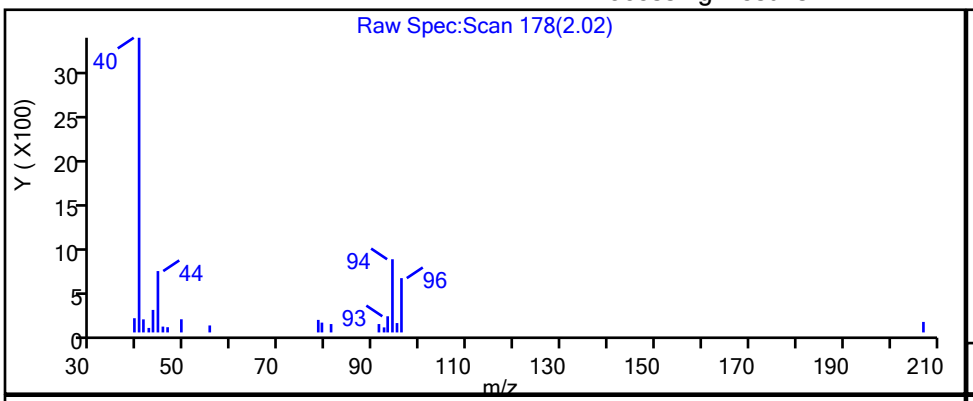
User Disabled Compound Report

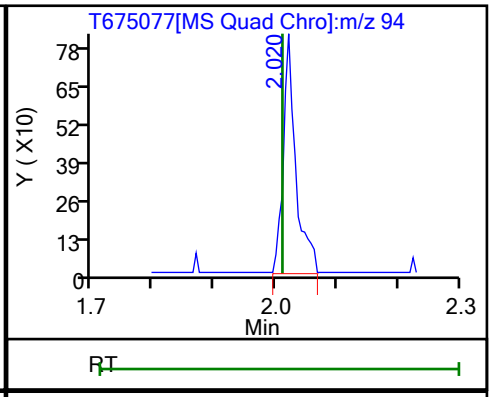
Eurofins Edison

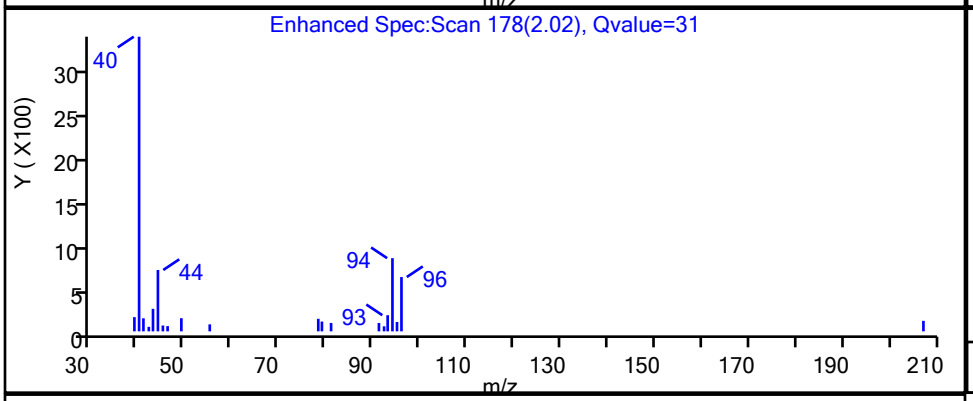
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

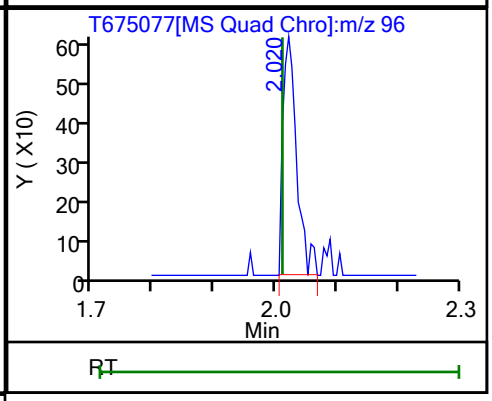
9 Bromomethane, CAS: 74-83-9

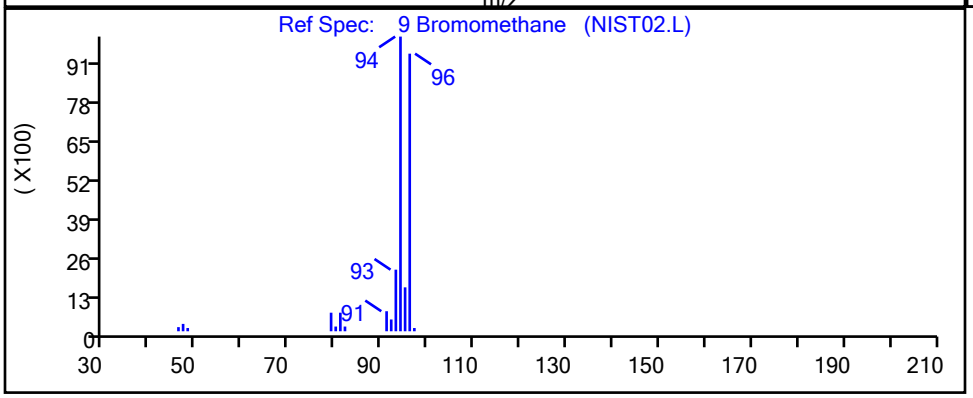
Processing Results











RT	Mass	Response	Amount
2.02	94.00	1171	0.727676
2.02	96.00	967	

Reviewer: HVW2, 13-Feb-2024 00:00:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

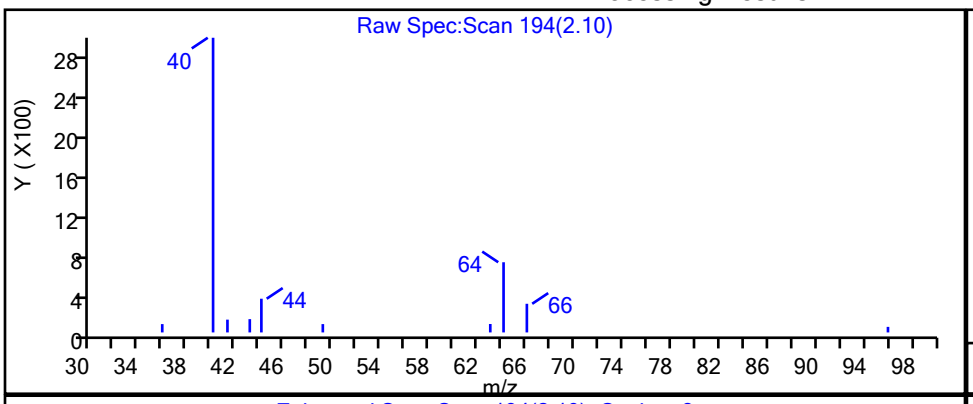
User Disabled Compound Report

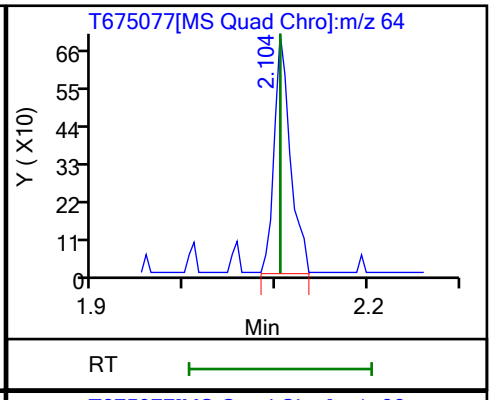
Eurofins Edison

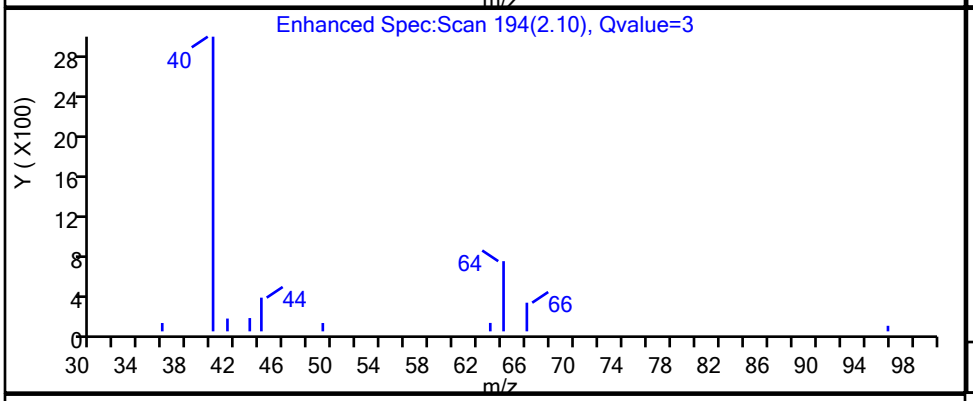
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

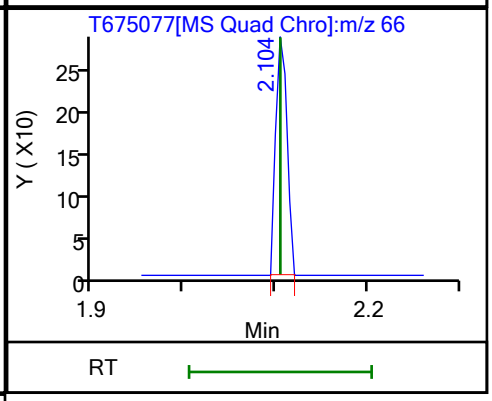
10 Chloroethane, CAS: 75-00-3

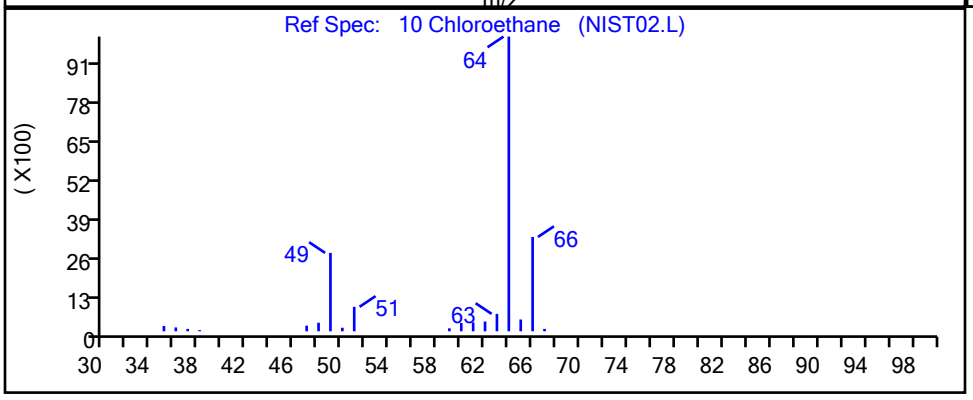
Processing Results











RT	Mass	Response	Amount
2.10	64.00	860	0.250000
2.10	66.00	250	

Reviewer: HVW2, 13-Feb-2024 00:00:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

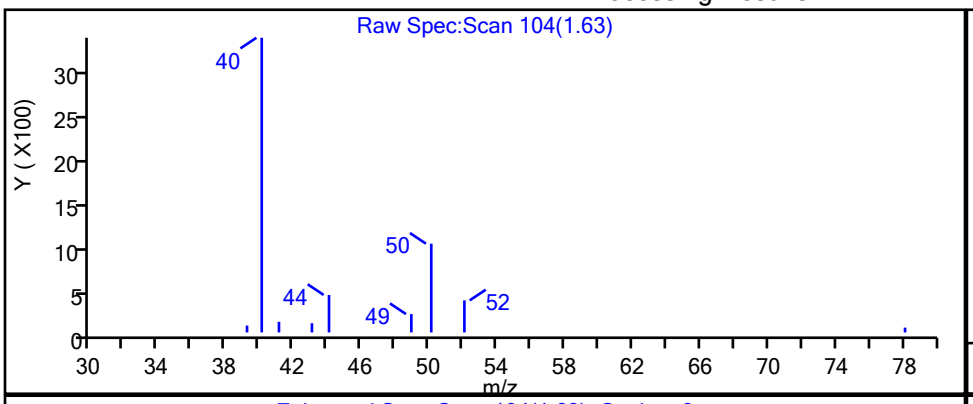
User Disabled Compound Report

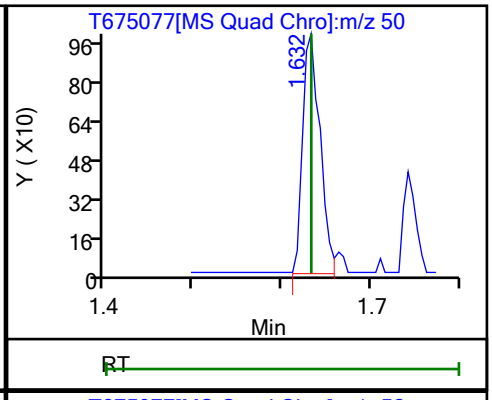
Eurofins Edison

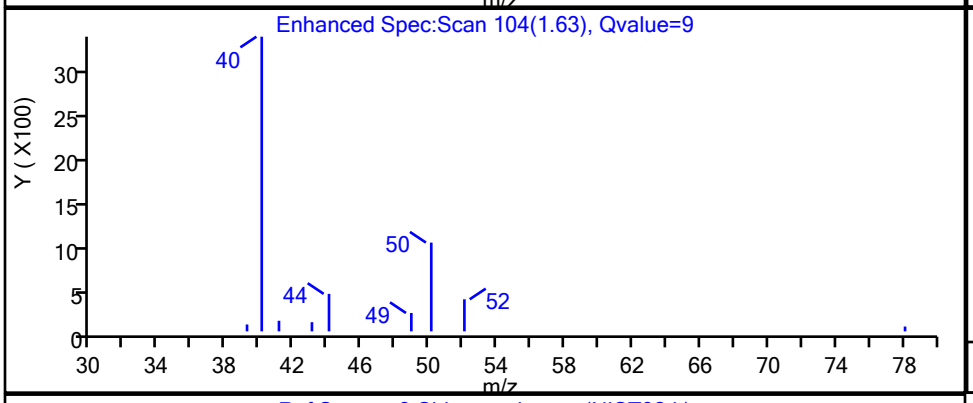
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

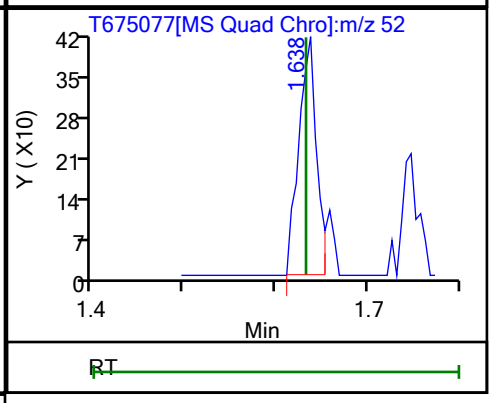
6 Chloromethane, CAS: 74-87-3

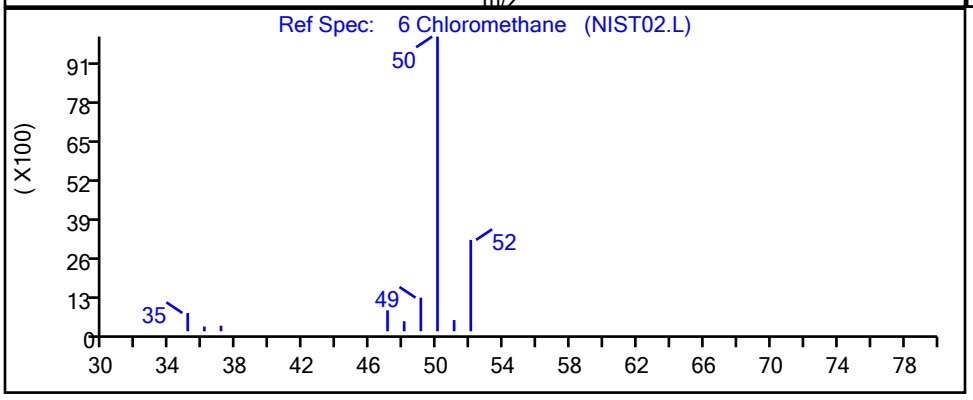
Processing Results











RT	Mass	Response	Amount
1.63	50.00	1358	0.250000
1.64	52.00	567	

Reviewer: HVW2, 13-Feb-2024 00:00:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

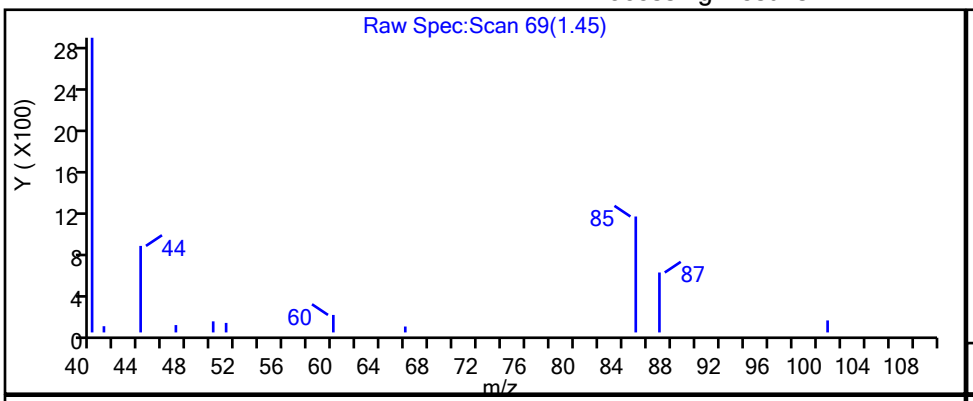
User Disabled Compound Report

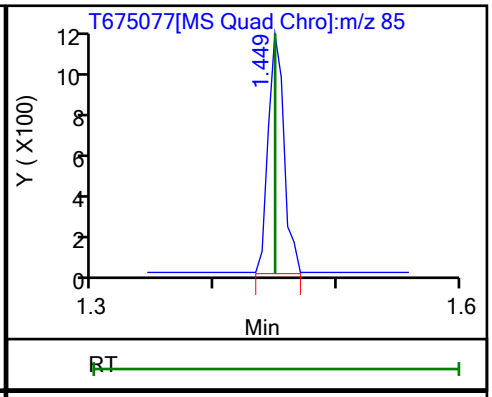
Eurofins Edison

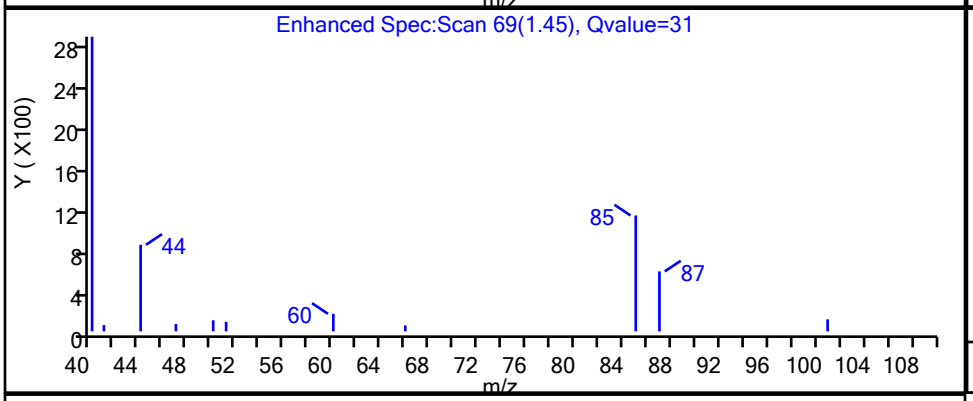
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

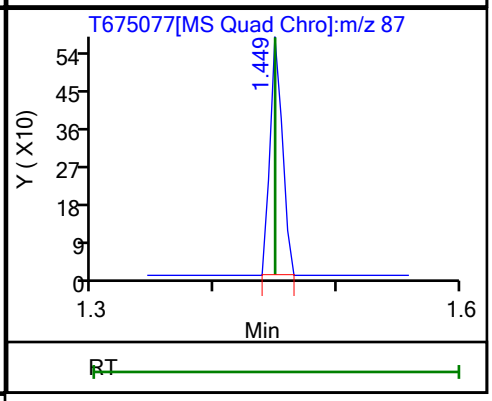
4 Dichlorodifluoromethane, CAS: 75-71-8

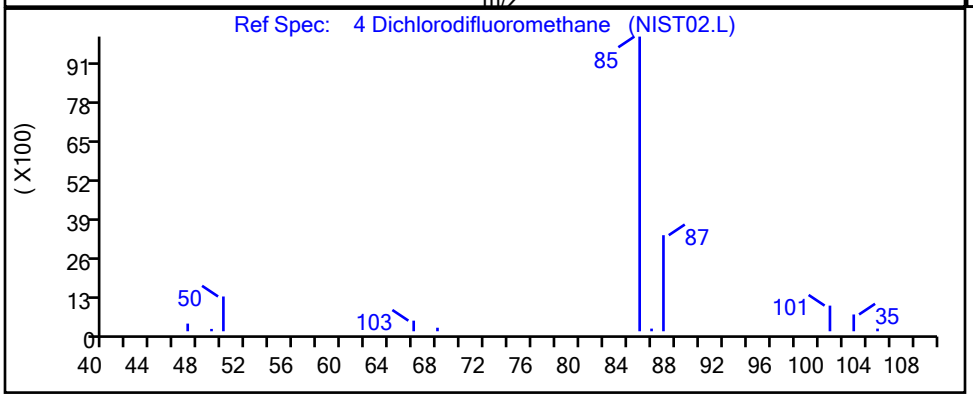
Processing Results











RT	Mass	Response	Amount
1.45	85.00	999	0.250000
1.45	87.00	409	

Reviewer: HVW2, 13-Feb-2024 00:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

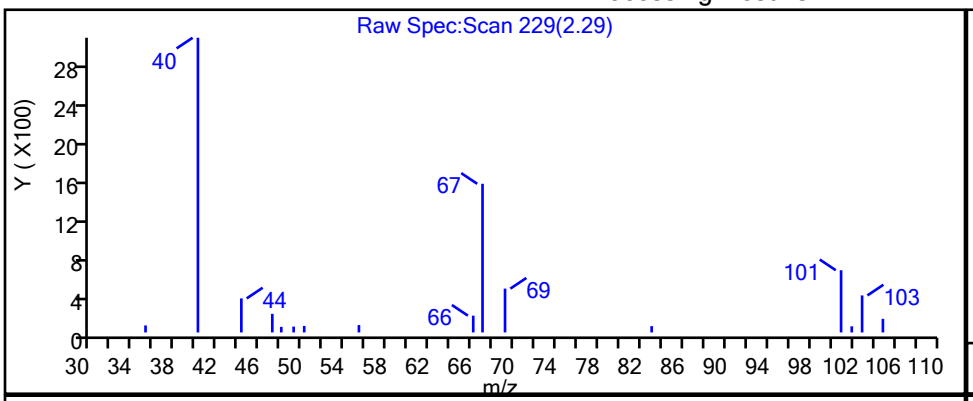
User Disabled Compound Report

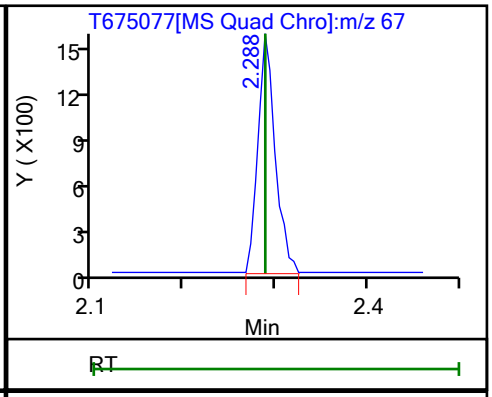
Eurofins Edison

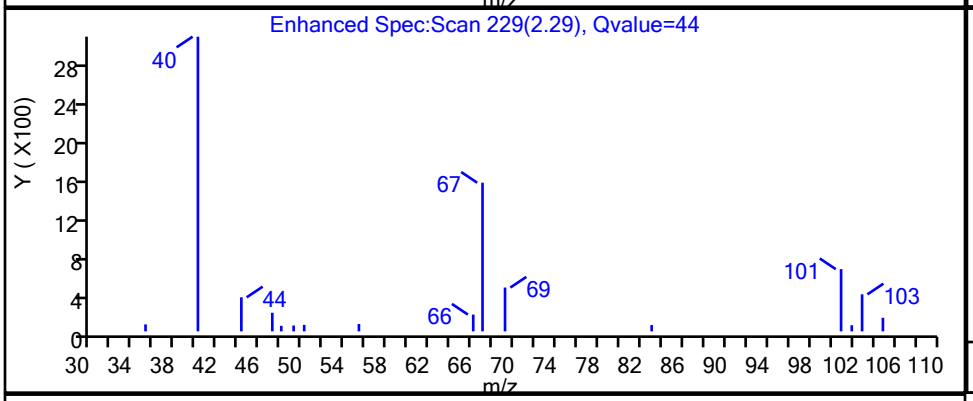
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

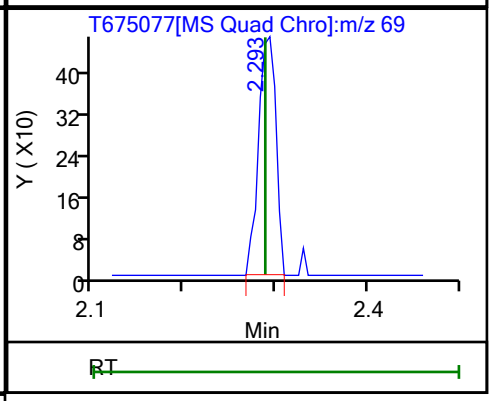
11 Dichlorofluoromethane, CAS: 75-43-4

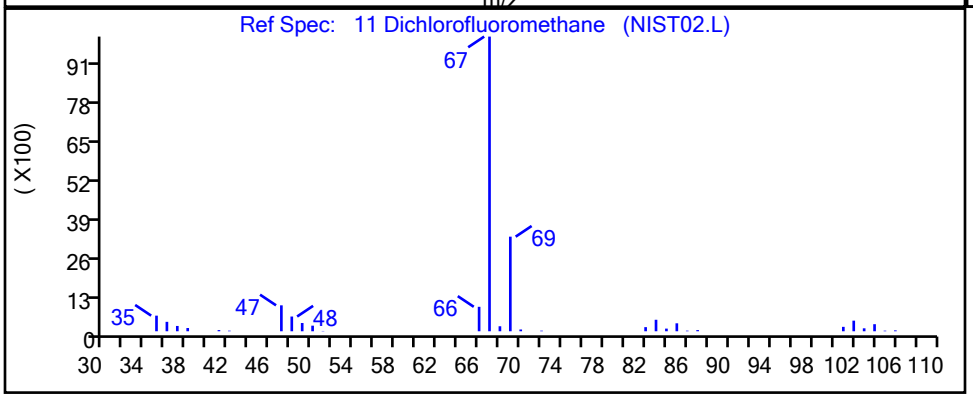
Processing Results











RT	Mass	Response	Amount
2.29	67.00	2004	0.250000
2.29	69.00	618	

Reviewer: HVW2, 13-Feb-2024 00:00:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

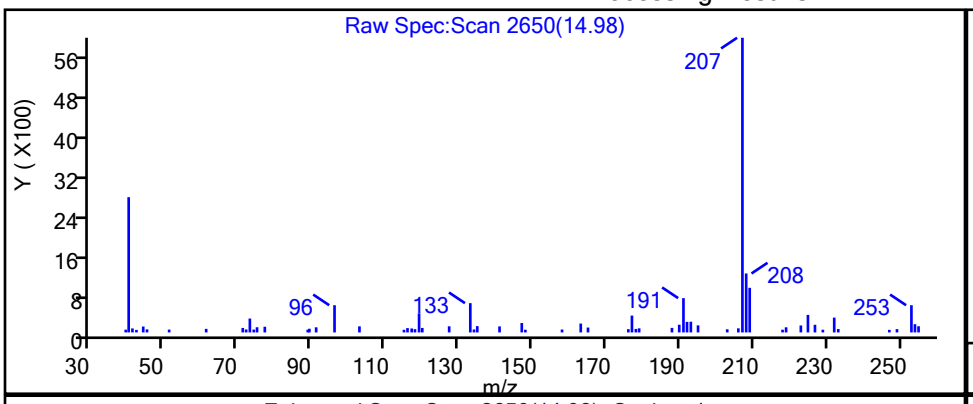
User Disabled Compound Report

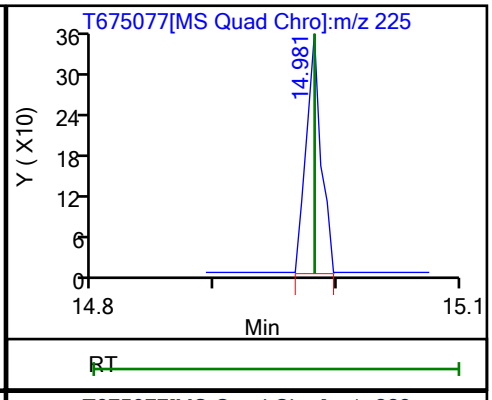
Eurofins Edison

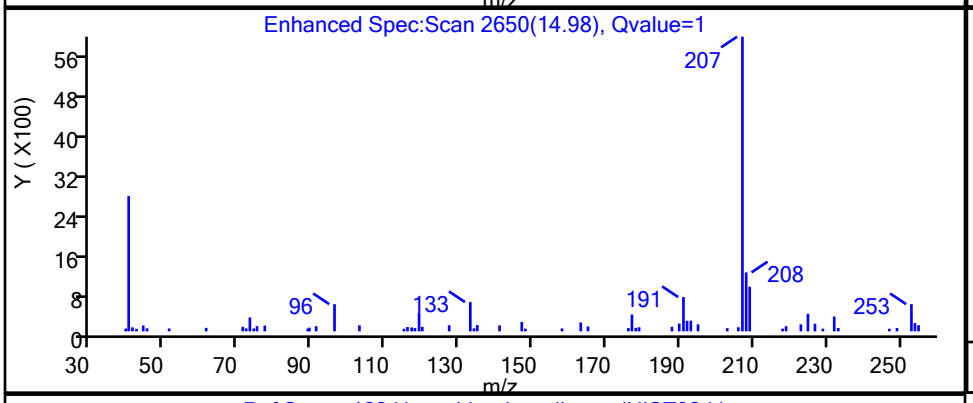
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

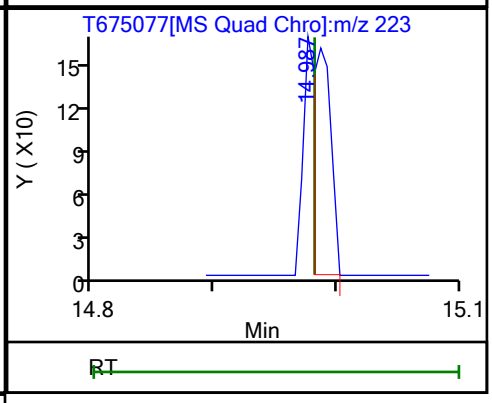
133 Hexachlorobutadiene, CAS: 87-68-3

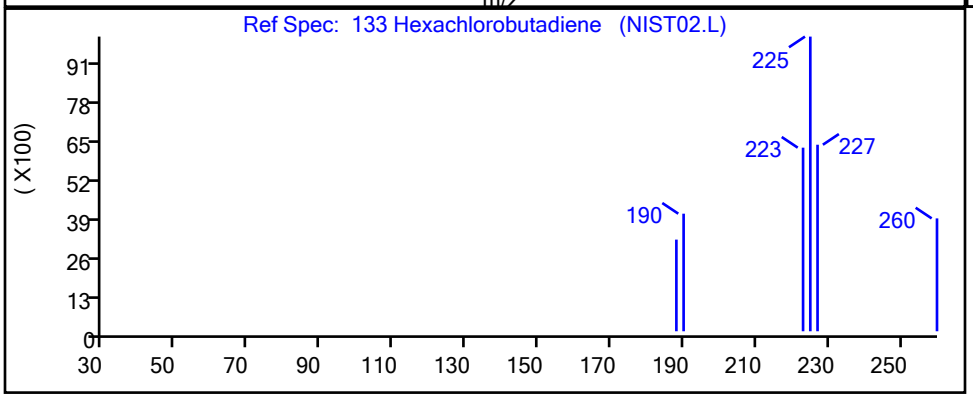
Processing Results











RT	Mass	Response	Amount
14.98	225.00	300	0.135962
14.99	223.00	163	

Reviewer: W9CM, 13-Feb-2024 18:31:08 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

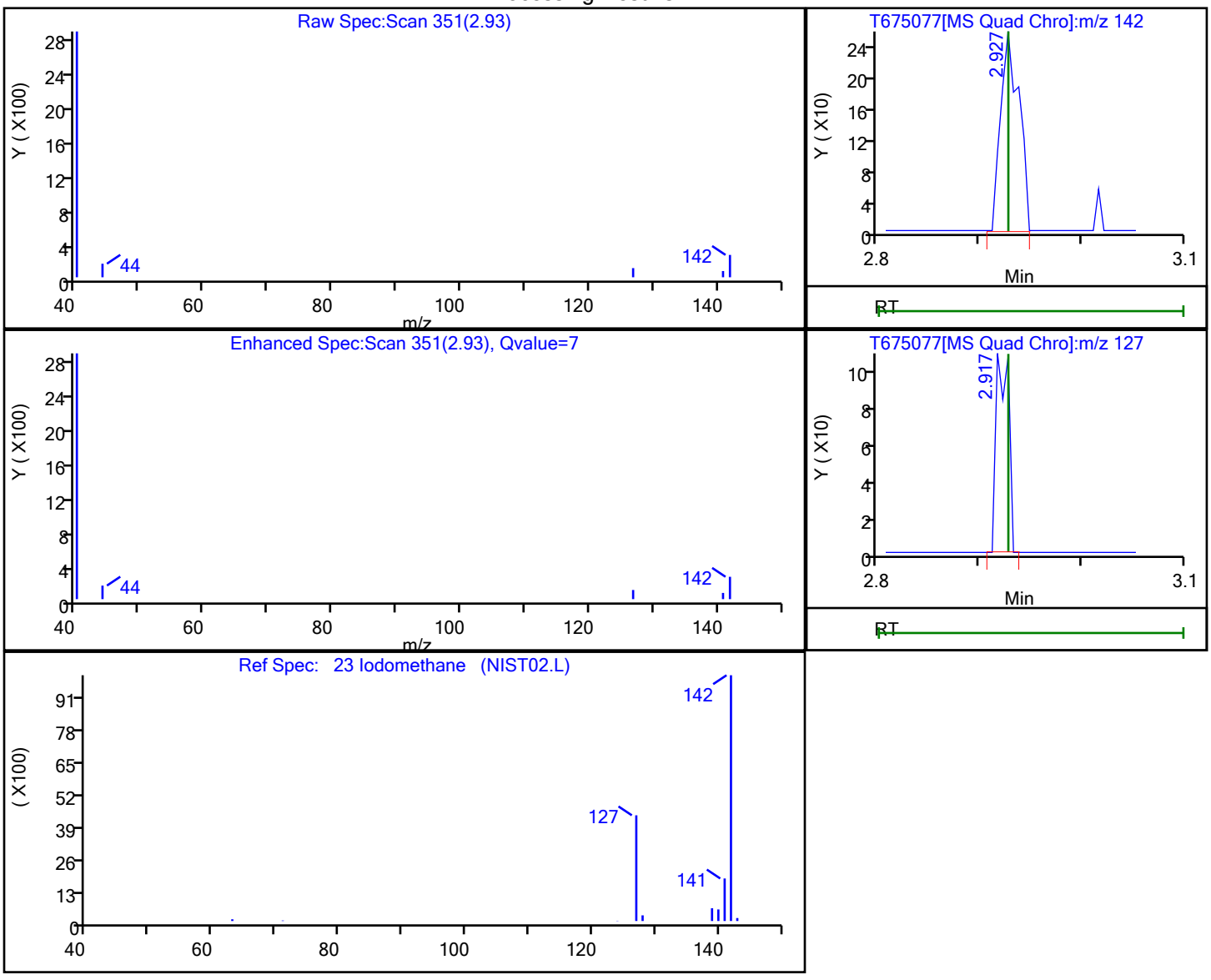
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.93	142.00	326	0.058942
2.92	127.00	93	

Reviewer: W9CM, 13-Feb-2024 18:30:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

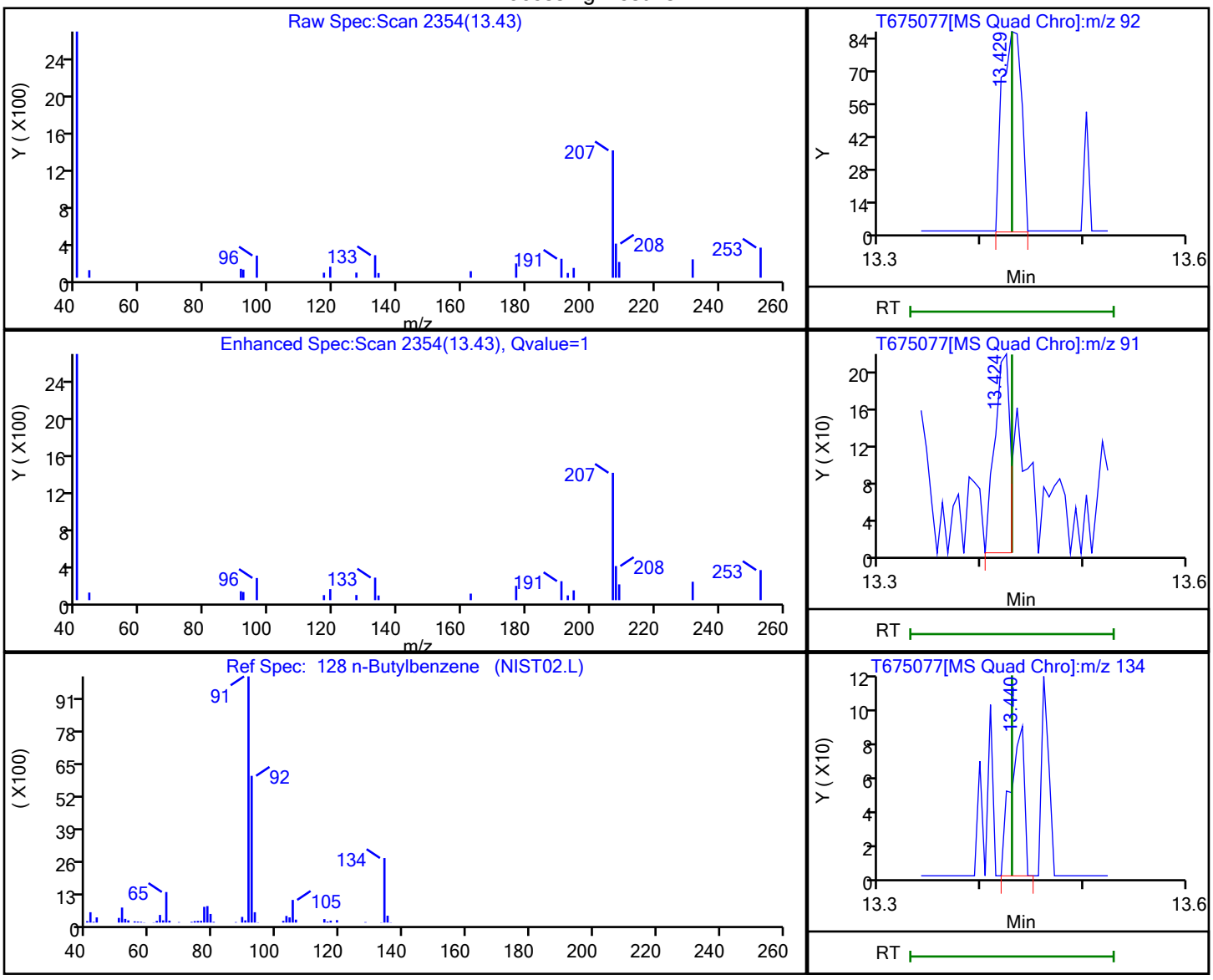
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.43	92.00	114	0.017598
13.42	91.00	233	
13.44	134.00	85	

Reviewer: W9CM, 13-Feb-2024 18:31:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

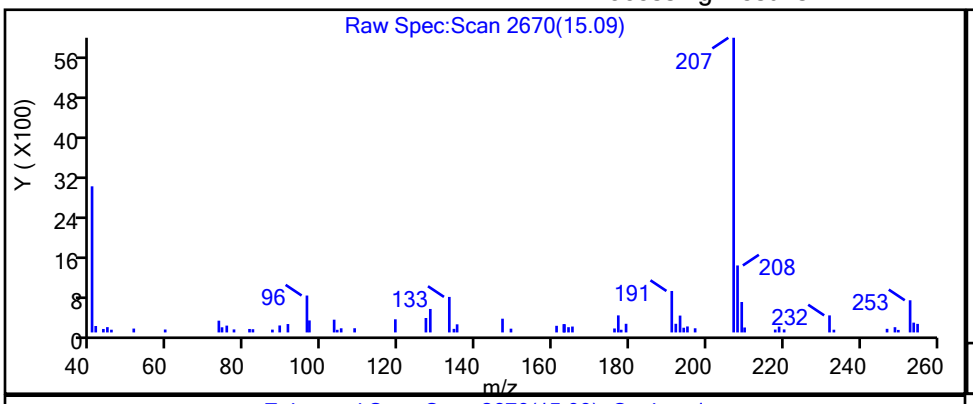
User Disabled Compound Report

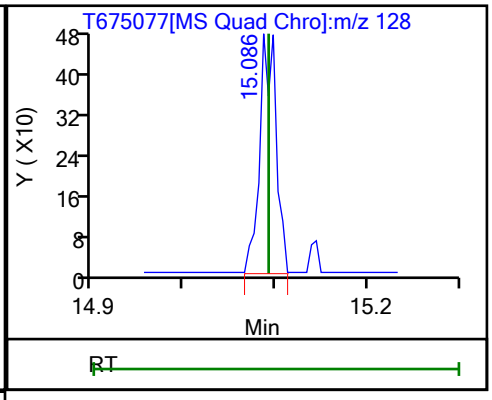
Eurofins Edison

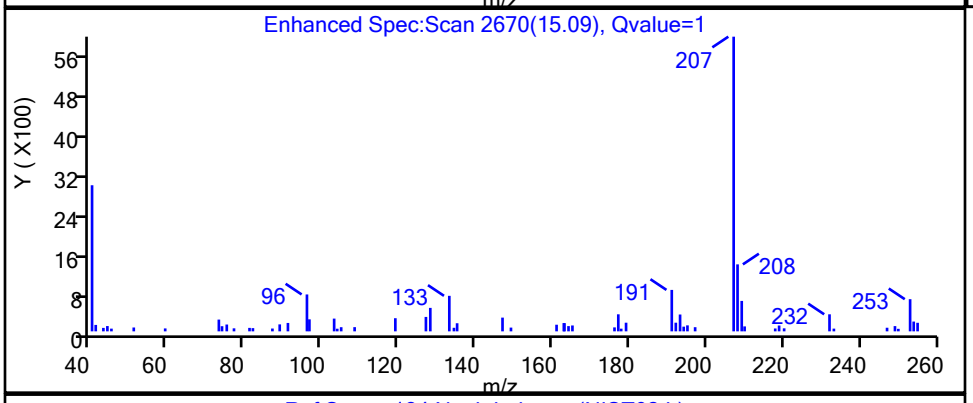
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D				
Injection Date:	12-Feb-2024 23:40:51	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

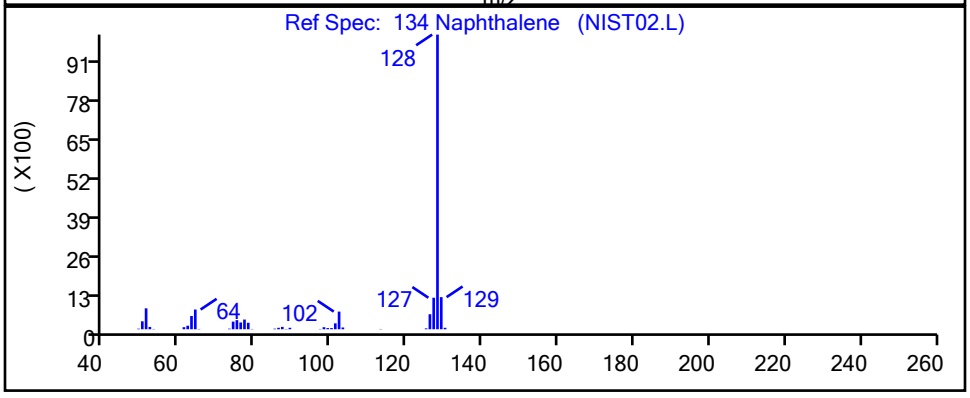
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.09	128.00	589	0.048579

Reviewer: W9CM, 13-Feb-2024 18:31:11 -05:00:00 (UTC)

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

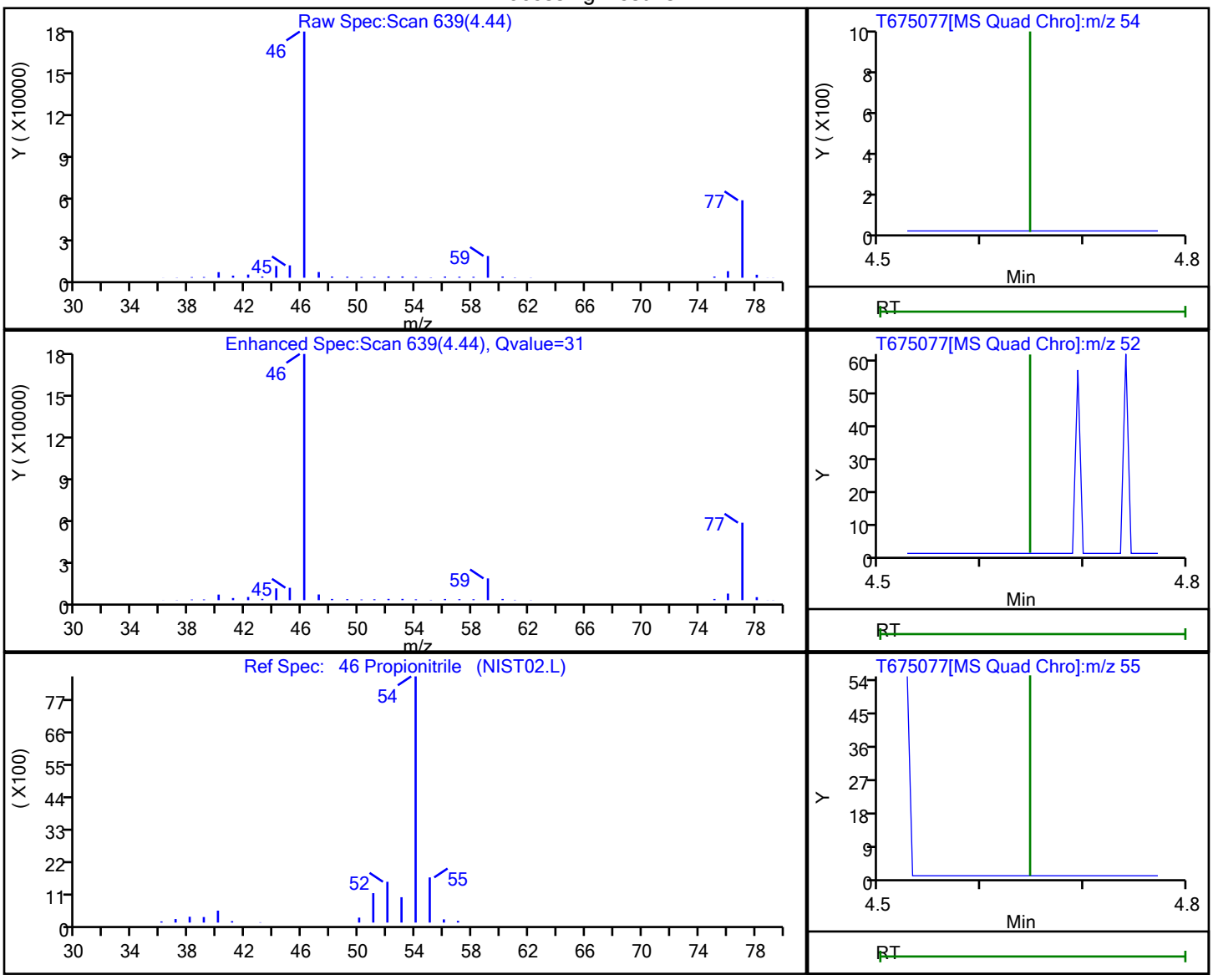
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.44	54.00	802	1.287859
4.44	52.00	1654	
4.43	55.00	295	

Reviewer: W9CM, 13-Feb-2024 18:30:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

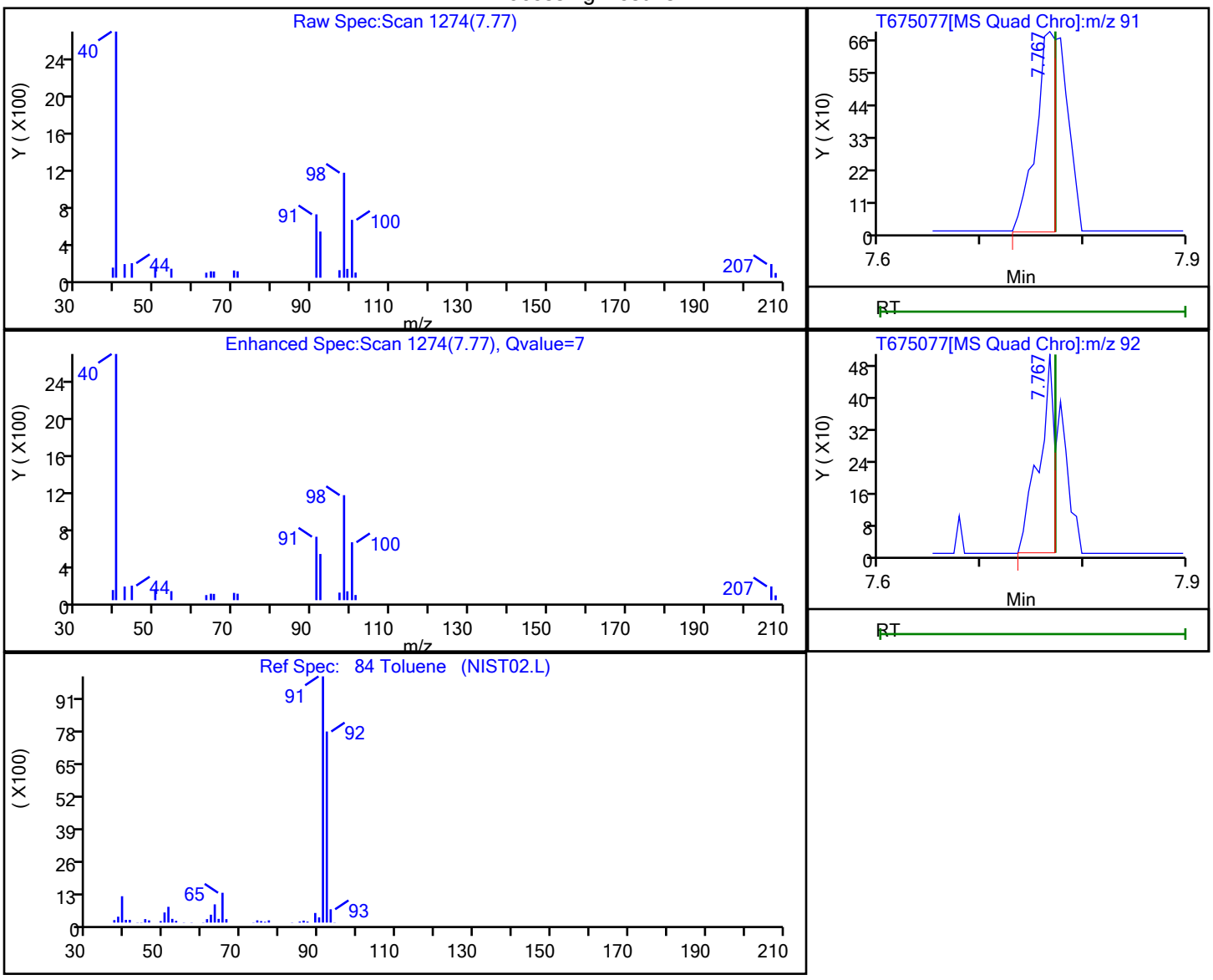
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
7.77	91.00	956	0.053829
7.77	92.00	527	

Reviewer: W9CM, 13-Feb-2024 18:30:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

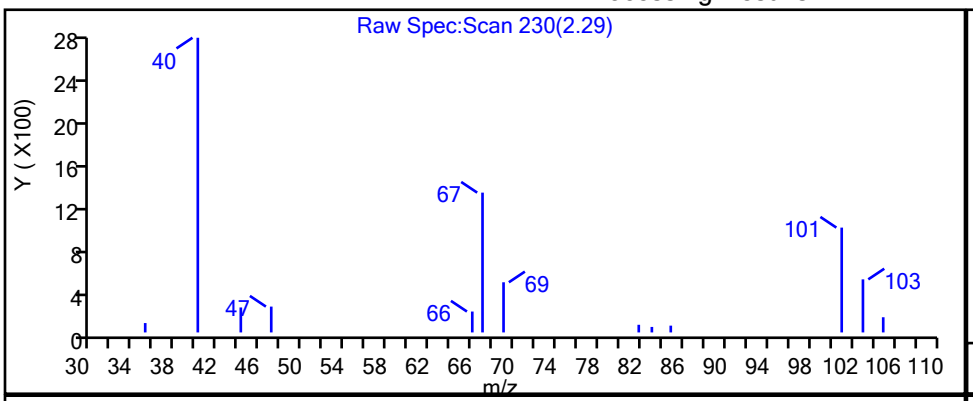
User Disabled Compound Report

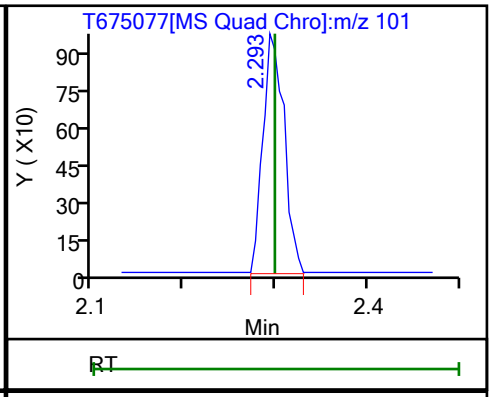
Eurofins Edison

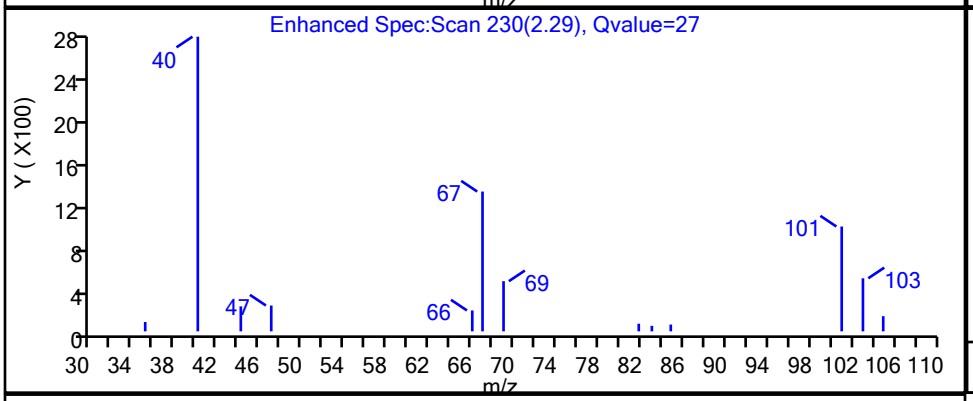
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

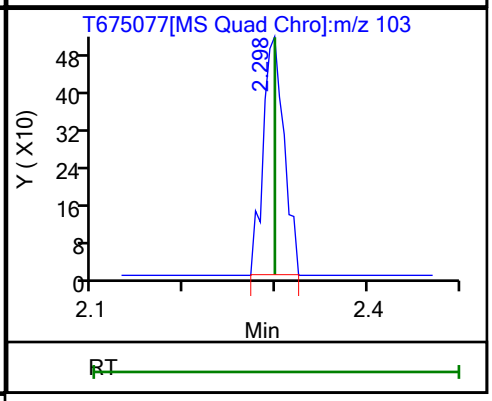
12 Trichlorofluoromethane, CAS: 75-69-4

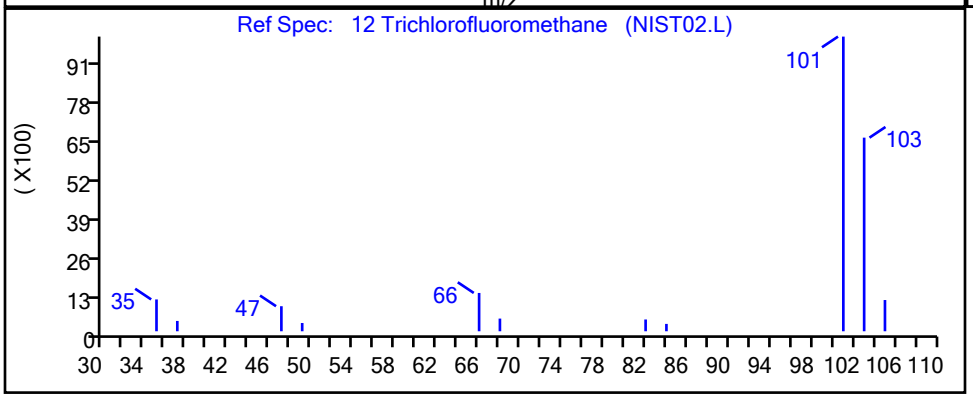
Processing Results











RT	Mass	Response	Amount
2.29	101.00	1565	0.250000
2.30	103.00	819	

Reviewer: HVW2, 13-Feb-2024 00:00:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

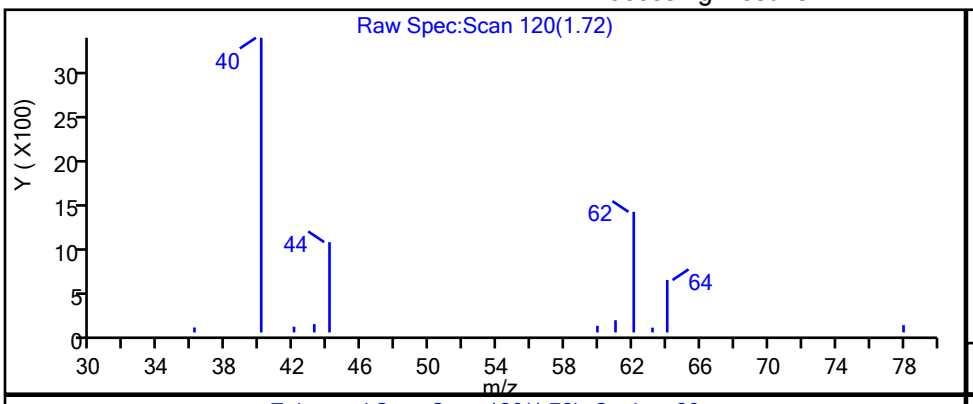
User Disabled Compound Report

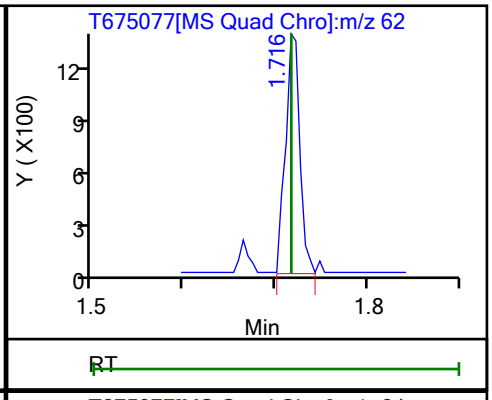
Eurofins Edison

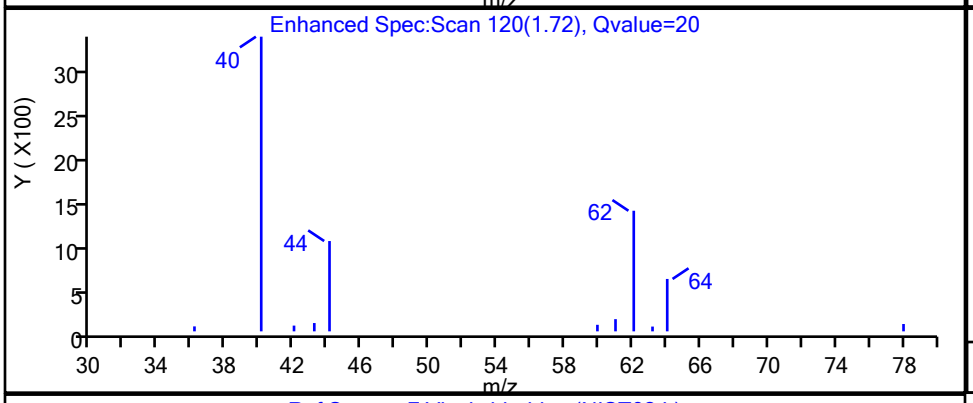
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

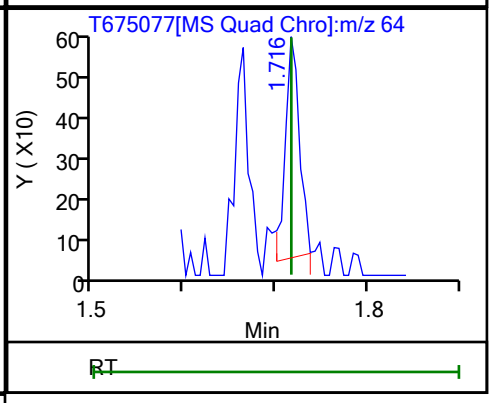
7 Vinyl chloride, CAS: 75-01-4

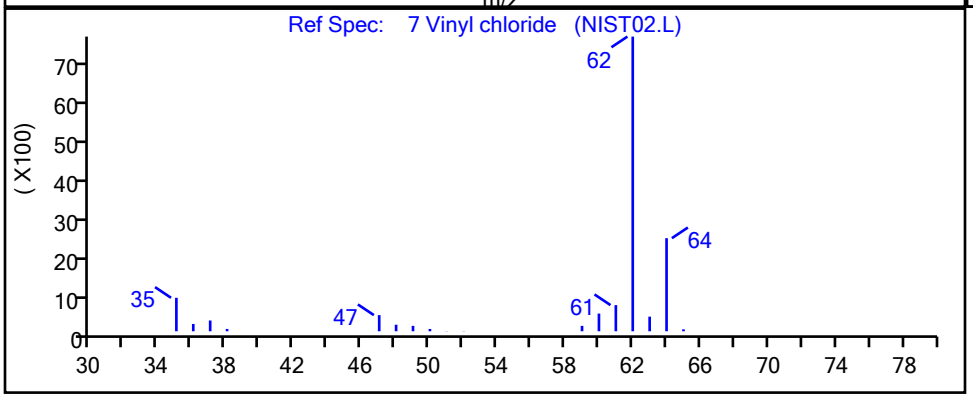
Processing Results











RT	Mass	Response	Amount
1.72	62.00	1476	0.250000
1.72	64.00	590	

Reviewer: HVW2, 13-Feb-2024 00:00:46 -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\CVOAMS15\20240212-172222.b\T675078.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 13-Feb-2024 00:03:34 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0172222-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:36 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 14-Feb-2024 21:01:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	1	93	0.5000	0.4704	Ma
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	1	365	0.5000	0.4617	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	58	1092	0.5000	0.5913	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	80	2384	0.5000	0.4561	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	48	391	0.5000	0.5767	
6 Chloromethane	50	1.633	1.633	0.001	64	2563	0.5000	0.5316	
7 Vinyl chloride	62	1.716	1.716	0.000	53	3012	0.5000	0.5025	
8 Butadiene	54	1.748	1.748	0.000	67	2489	0.5000	0.5046	
9 Bromomethane	94	2.015	2.010	0.005	42	1418	0.5000	0.9762	
10 Chloroethane	64	2.104	2.104	0.000	38	1323	0.5000	0.4420	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	73	4194	0.5000	0.5154	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	61	2919	0.5000	0.4543	
13 Pentane	72	2.346	2.346	0.000	87	604	1.00	0.99	
14 Ethanol	46	2.508	2.503	0.005	18	334	20.0	17.6	
15 Ethyl ether	59	2.550	2.550	0.000	70	2500	0.5000	0.4993	
17 2-Methyl-1,3-butadiene	53	2.566	2.571	-0.005	43	1520	0.5000	0.5288	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.000	34	1979	0.5000	0.5557	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	50	3088	0.5000	0.5353	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.739	2.728	0.011	21	1667	0.5000	0.4685	
19 Acrolein	56	2.728	2.734	-0.006	29	1371	2.00	1.96	
20 1,1-Dichloroethene	96	2.770	2.765	0.005	47	2095	0.5000	0.5346	
22 Acetone	43	2.865	2.865	0.000	48	2751	2.50	2.51	
23 Iodomethane	142	2.928	2.928	0.000	17	1037	0.5000	0.1881	
25 Isopropyl alcohol	45	2.959	2.959	0.000	19	1114	5.00	5.16	
24 Carbon disulfide	76	2.964	2.959	0.005	97	6738	0.5000	0.5221	
27 3-Chloro-1-propene	76	3.116	3.111	0.005	47	1327	0.5000	0.5656	
28 Methyl acetate	43	3.127	3.127	0.000	61	2472	1.00	0.99	
29 Cyclopentene	67	3.132	3.132	0.000	63	4048	0.5000	0.5215	
26 Acetonitrile	41	3.179	3.179	0.000	45	2474	5.00	5.49	Ma
* 31 TBA-d9 (IS)	66	3.232	3.231	0.001	96	63267	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	3.247	3.247	0.000	22	2390	0.5000	0.5067	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	39	2221	5.00	5.52	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	79	5047	0.5000	0.4776	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	63	2149	0.5000	0.4882	
33 Acrylonitrile	53	3.531	3.541	-0.010	95	7501	5.00	4.96	
36 Hexane	57	3.620	3.630	-0.010	36	1627	0.5000	0.4442	
40 Isopropyl ether	45	3.861	3.861	0.000	77	4324	0.5000	0.4683	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	63	3485	0.5000	0.5062	
38 Vinyl acetate	86	3.913	3.913	0.000	74	656	1.00	1.13	
39 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	30	1793	0.5000	0.4852	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	62	4240	0.5000	0.4229	
* 42 2-Butanone-d5	46	4.438	4.437	0.001	64	343830	250.0	250.0	
44 2,2-Dichloropropane	97	4.464	4.448	0.016	45	786	0.5000	0.5340	a
43 cis-1,2-Dichloroethene	96	4.474	4.480	-0.006	28	2428	0.5000	0.4864	
45 2-Butanone (MEK)	72	4.501	4.500	0.001	95	1335	2.50	2.36	
47 Ethyl acetate	70	4.516	4.511	0.005	78	447	1.00	0.9749	
48 Methyl acrylate	55	4.574	4.569	0.005	33	1631	0.5000	0.4726	
46 Propionitrile	54	4.653	4.647	0.006	50	2976	5.00	4.99	a
49 Chlorobromomethane	128	4.736	4.736	0.000	48	1199	0.5000	0.4784	
51 Tetrahydrofuran	72	4.736	4.736	0.000	35	573	1.00	1.00	
50 Methacrylonitrile	67	4.773	4.768	0.005	71	8527	5.00	4.61	
52 Chloroform	83	4.805	4.799	0.006	56	3623	0.5000	0.4938	
55 Cyclohexane	84	4.941	4.941	0.000	45	2567	0.5000	0.4846	
54 1,1,1-Trichloroethane	97	4.962	4.957	0.005	18	3345	0.5000	0.5300	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	96	175786	50.0	50.2	
56 Carbon tetrachloride	117	5.093	5.093	0.000	47	2684	0.5000	0.4630	
57 1,1-Dichloropropene	75	5.140	5.135	0.005	62	2929	0.5000	0.5273	
59 Isobutyl alcohol	43	5.287	5.282	0.005	7	2529	12.5	13.0	a
62 Isooctane	57	5.334	5.329	0.005	41	3238	0.5000	0.4607	
60 Benzene	78	5.366	5.360	0.006	42	8070	0.5000	0.5262	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	90	158452	50.0	50.7	
64 Tert-amyl methyl ether	73	5.450	5.444	0.006	63	4299	0.5000	0.4067	
63 Isopropyl acetate	61	5.434	5.444	-0.010	58	798	0.5000	0.4018	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	51	2767	0.5000	0.5724	
66 n-Heptane	43	5.544	5.549	-0.005	40	1276	0.5000	0.5201	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	572301	50.0	50.0	
68 n-Butanol	56	6.079	6.068	0.011	2	980	12.5	10.3	a
67 Trichloroethene	95	6.115	6.110	0.005	40	2101	0.5000	0.4499	
70 Methylcyclohexane	83	6.246	6.257	-0.011	36	2555	0.5000	0.4831	a
69 Ethyl acrylate	55	6.278	6.267	0.011	27	3573	0.5000	0.4573	a
71 1,2-Dichloropropane	63	6.451	6.456	-0.005	36	1933	0.5000	0.4890	
* 73 1,4-Dioxane-d8	96	6.519	6.519	0.000	1	53476	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	44	1053	1.00	0.9133	
74 1,4-Dioxane	88	6.593	6.587	0.006	32	1404	25.0	25.7	
72 Dibromomethane	93	6.608	6.603	0.005	35	1335	0.5000	0.4614	
76 n-Propyl acetate	43	6.629	6.629	0.000	39	1902	0.5000	0.4413	
77 Dichlorobromomethane	83	6.781	6.786	-0.005	40	2591	0.5000	0.4564	
78 2-Nitropropane	41	7.201	7.190	0.011	13	1026	1.00	1.23	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	3	179	0.5012	0.5245	M
80 Epichlorohydrin	57	7.321	7.321	0.000	51	2907	10.0	9.53	
81 cis-1,3-Dichloropropene	75	7.384	7.389	-0.005	43	3092	0.5000	0.4730	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	80	6401	2.50	2.32	

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	7.678	7.678	0.000	98	580140	50.0	50.8	
84 Toluene	91	7.767	7.772	-0.005	86	9937	0.5000	0.5714	
85 trans-1,3-Dichloropropene	75	8.207	8.202	0.005	29	2602	0.5000	0.4482	
86 Ethyl methacrylate	69	8.255	8.249	0.006	4	2003	0.5000	0.4538	
87 1,1,2-Trichloroethane	83	8.449	8.459	-0.010	16	1697	0.5000	0.5153	
88 Tetrachloroethene	166	8.496	8.496	0.000	43	2275	0.5000	0.4746	
89 1,3-Dichloropropane	76	8.716	8.711	0.005	22	1968	0.5000	0.3451	a
90 2-Hexanone	43	8.795	8.805	-0.010	76	4628	2.50	2.32	a
93 n-Butyl acetate	43	8.952	8.947	0.005	45	2134	0.5000	0.5040	
91 Chlorodibromomethane	129	8.989	8.983	0.006	21	2251	0.5000	0.4830	
92 Ethylene Dibromide	107	9.156	9.162	-0.006	8	1827	0.5000	0.4491	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	81	498830	50.0	50.0	
95 Chlorobenzene	112	9.875	9.880	-0.005	54	5420	0.5000	0.4833	
97 Ethylbenzene	106	10.011	10.016	-0.005	83	2852	0.5000	0.4890	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	26	1394	0.5000	0.3534	
98 m-Xylene & p-Xylene	106	10.216	10.210	0.006	79	3852	0.5000	0.5445	
99 o-Xylene	106	10.855	10.850	0.005	84	3532	0.5000	0.5081	
101 n-Butyl acrylate	73	10.866	10.871	-0.005	47	1209	0.5000	0.4288	
100 Styrene	104	10.902	10.902	0.000	84	5536	0.5000	0.4954	
102 Bromoform	173	11.217	11.217	0.000	44	2003	0.5000	0.5371	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	42	2205	0.5000	0.4692	
104 Isopropylbenzene	105	11.427	11.427	0.000	77	8272	0.5000	0.4998	
$ 105 4-Bromofluorobenzene	174	11.705	11.704	0.001	96	231337	50.0	52.2	
106 Bromobenzene	156	11.872	11.878	-0.006	71	2497	0.5000	0.4775	
107 1,1,2,2-Tetrachloroethane	83	11.961	11.967	-0.006	37	2319	0.5000	0.4820	
110 N-Propylbenzene	91	11.998	11.993	0.005	95	10047	0.5000	0.5036	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	50	753	0.5000	0.5028	
109 trans-1,4-Dichloro-2-butene	53	12.051	12.056	-0.005	12	593	0.5000	0.5219	
111 2-Chlorotoluene	91	12.124	12.124	0.000	75	6632	0.5000	0.5034	
112 4-Ethyltoluene	105	12.150	12.150	0.000	87	8216	0.5000	0.4913	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	86	6443	0.5000	0.4871	
113 4-Chlorotoluene	91	12.271	12.271	0.000	83	6585	0.5000	0.5029	
115 Butyl Methacrylate	87	12.386	12.391	-0.005	36	2101	0.5000	0.4476	
116 tert-Butylbenzene	119	12.601	12.601	0.000	79	5740	0.5000	0.5044	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.001	83	6338	0.5000	0.4645	
118 sec-Butylbenzene	105	12.848	12.848	0.000	88	8059	0.5000	0.5008	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	89	4073	0.5000	0.4673	a
122 4-Isopropyltoluene	119	13.015	13.015	0.000	77	6624	0.5000	0.4843	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	286295	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	53	4563	0.5000	0.5127	a
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	85	6871	0.5000	0.4946	
124 Benzyl chloride	91	13.262	13.262	0.000	86	4434	0.5000	0.5126	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	82	7159	0.5000	0.4960	
127 p-Diethylbenzene	119	13.409	13.409	0.000	85	4165	0.5000	0.5050	
128 n-Butylbenzene	92	13.430	13.430	0.000	89	3064	0.5000	0.4786	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	82	3639	0.5000	0.4612	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	86	5250	0.5000	0.4575	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	1	573	0.5000	0.4498	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	58	2286	0.5000	0.4349	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	34	2292	0.5000	0.4950	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	17	1274	0.5000	0.5843	
134 Naphthalene	128	15.092	15.092	0.000	83	5862	0.5000	0.4893	

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	15.280	15.280	0.000	31	2020	0.5000	0.5054	
S 136 1,2-Dichloroethene, Total	100				0		1.00	0.9746	
S 137 Xylenes, Total	100				0		1.00	1.05	
S 140 Total BTEX	1				0		2.50	2.64	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9212	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00014	Amount Added:	5.00	Units: uL	
GASES Li_00571	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	5.00	Units: uL	
ACROLEIN W_00165	Amount Added:	2.00	Units: uL	
14DIOXINTER_00165	Amount Added:	15.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:37 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D

Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15

Lims ID: STD05

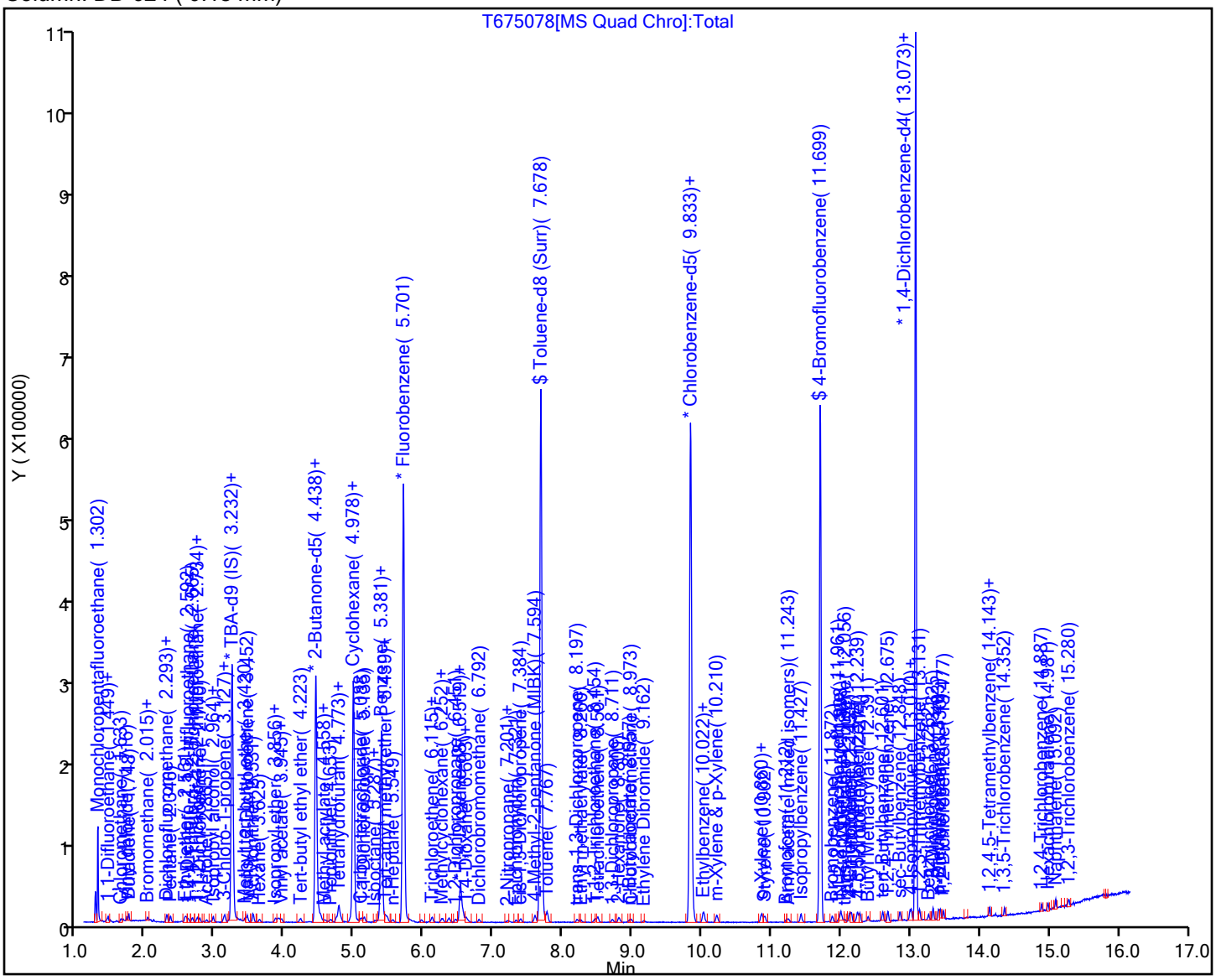
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

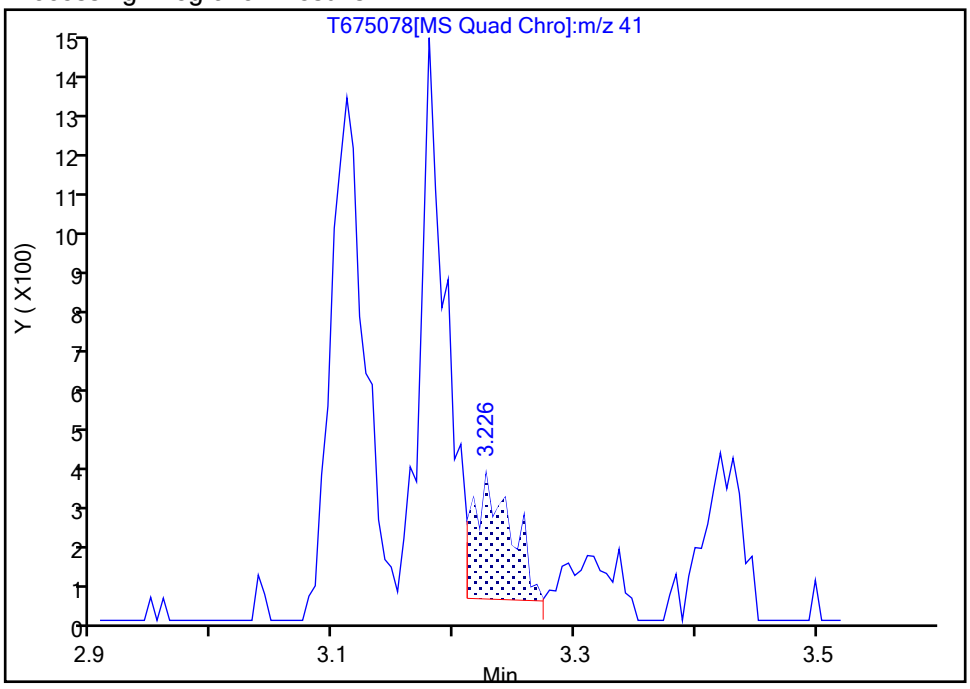
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

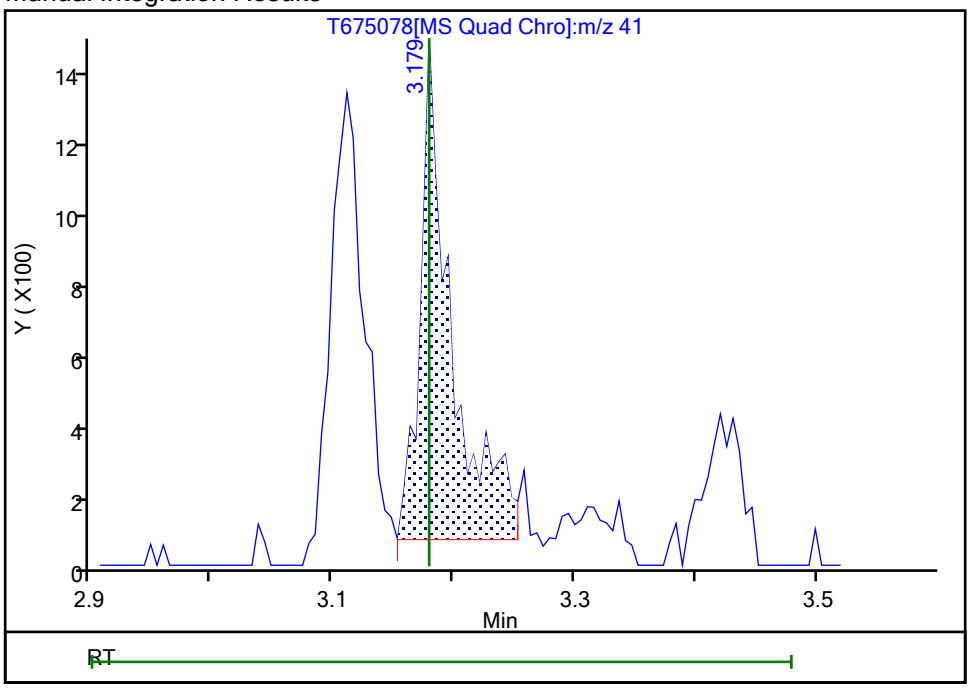
Processing Integration Results

RT: 3.23
Area: 680
Amount: 1.648277
Amount Units: ug/l



Manual Integration Results

RT: 3.18
Area: 2474
Amount: 5.494932
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 03:02:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

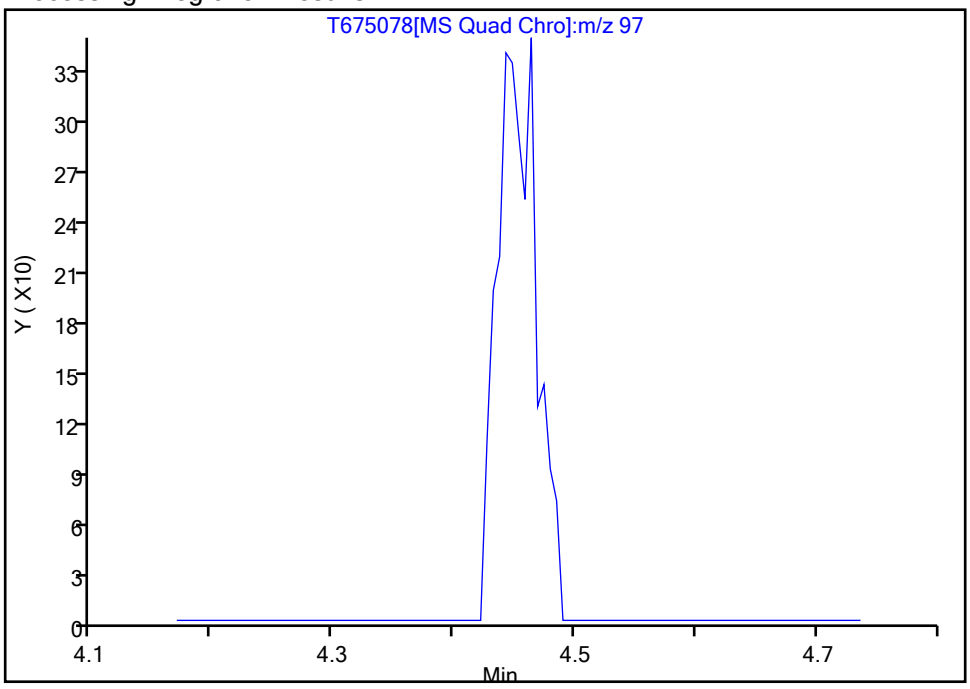
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

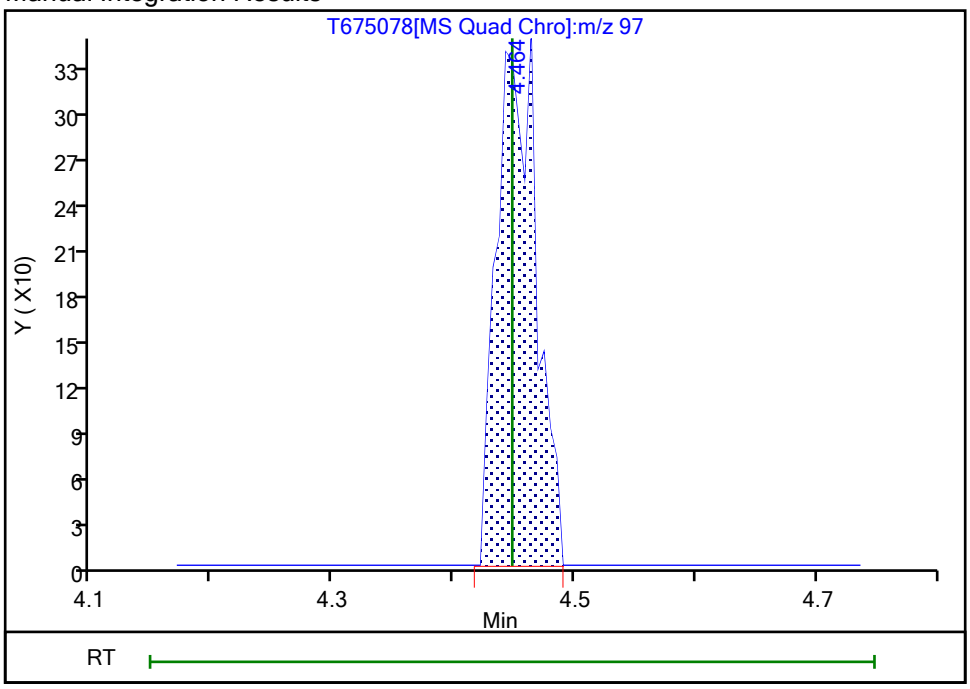
Not Detected
Expected RT: 4.45

Processing Integration Results



Manual Integration Results

RT: 4.46
Area: 786
Amount: 0.534002
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:23:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

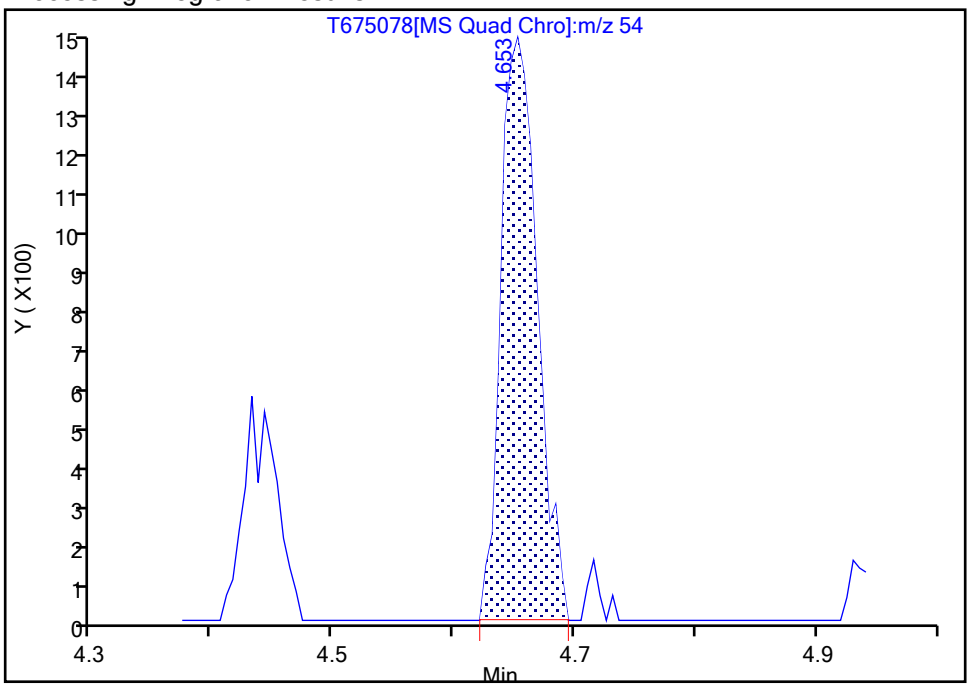
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

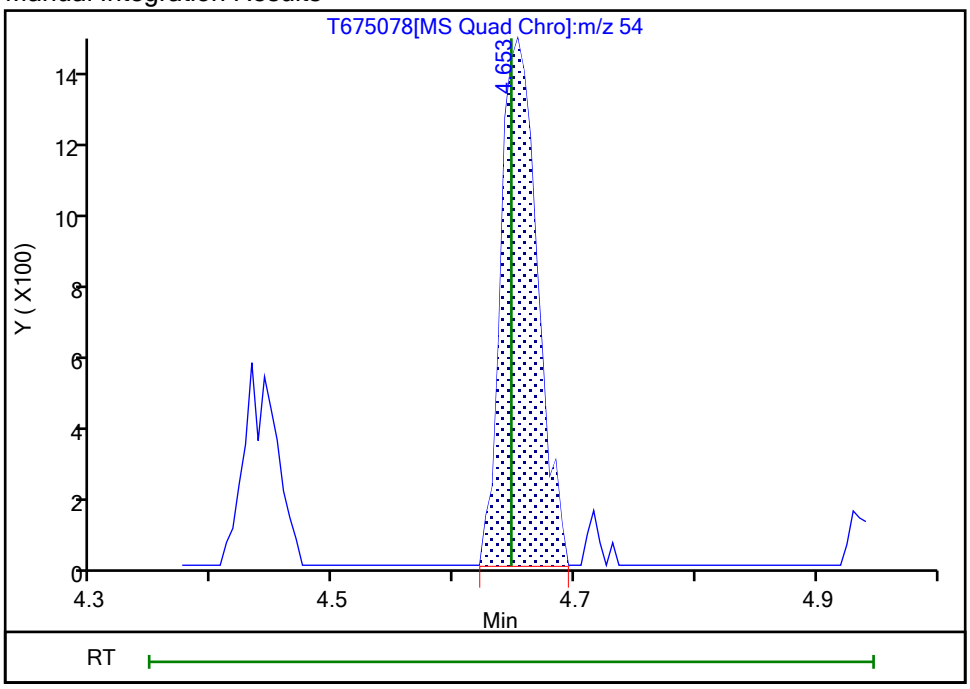
Processing Integration Results

RT: 4.65
Area: 2976
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 2976
Amount: 4.989760
Amount Units: ug/l



Reviewer: W9CM, 14-Feb-2024 14:39:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

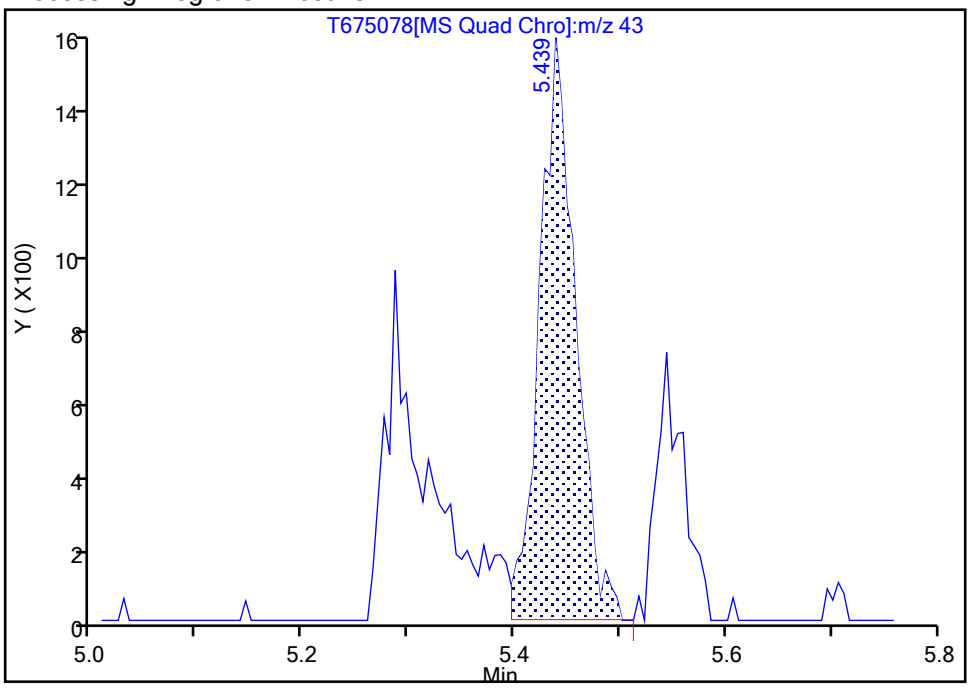
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

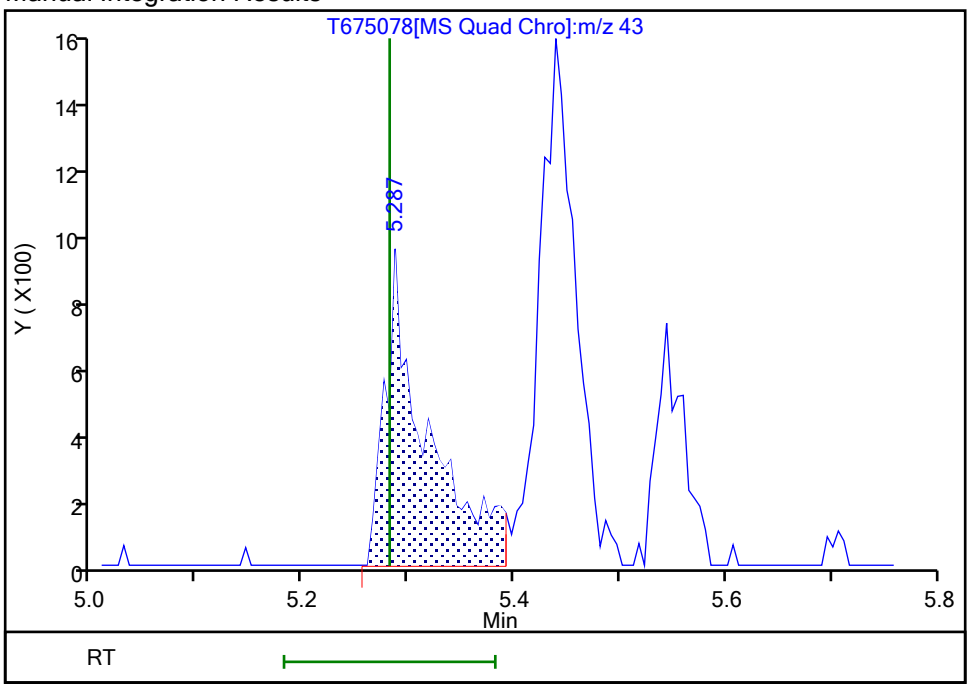
Processing Integration Results

RT: 5.44
Area: 3678
Amount: 12.500000
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 2529
Amount: 12.993386
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:24:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

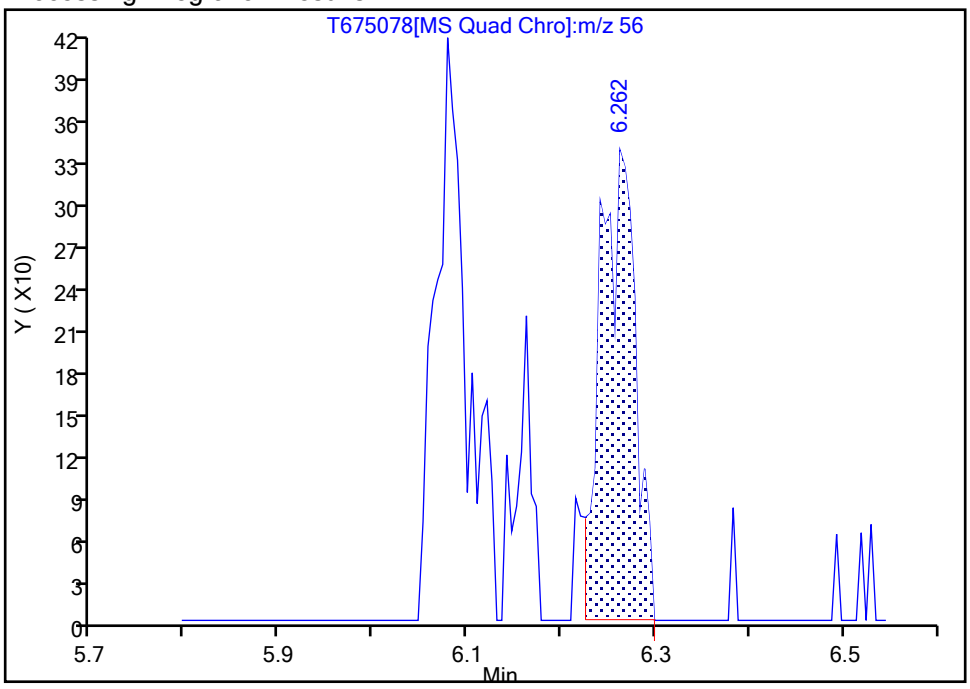
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Signal: 1

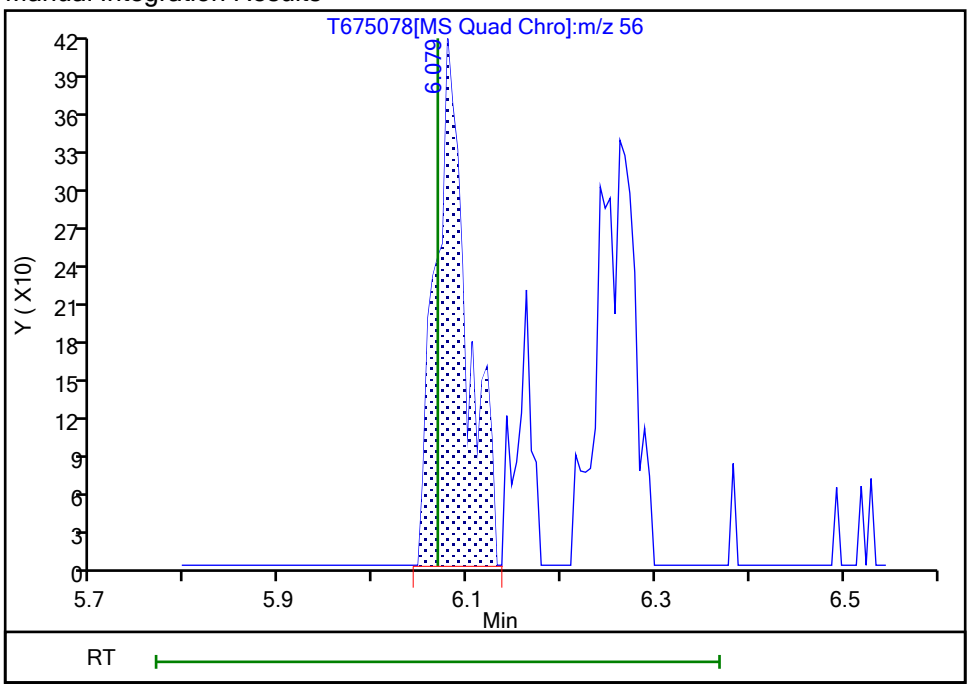
Processing Integration Results

RT: 6.26
Area: 876
Amount: 12.500000
Amount Units: ug/l



Manual Integration Results

RT: 6.08
Area: 980
Amount: 10.289132
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

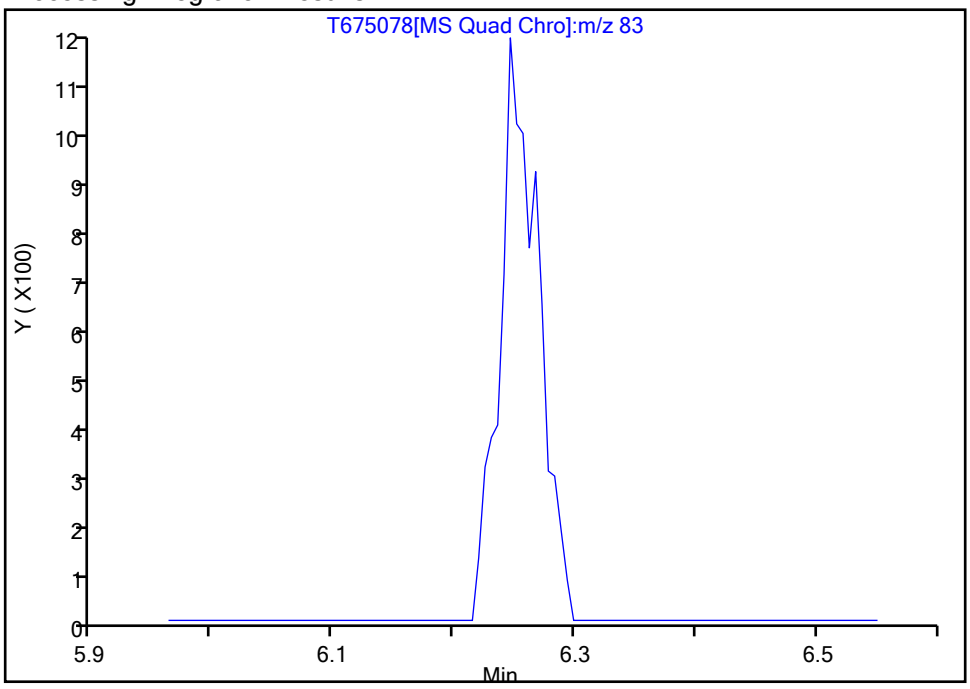
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

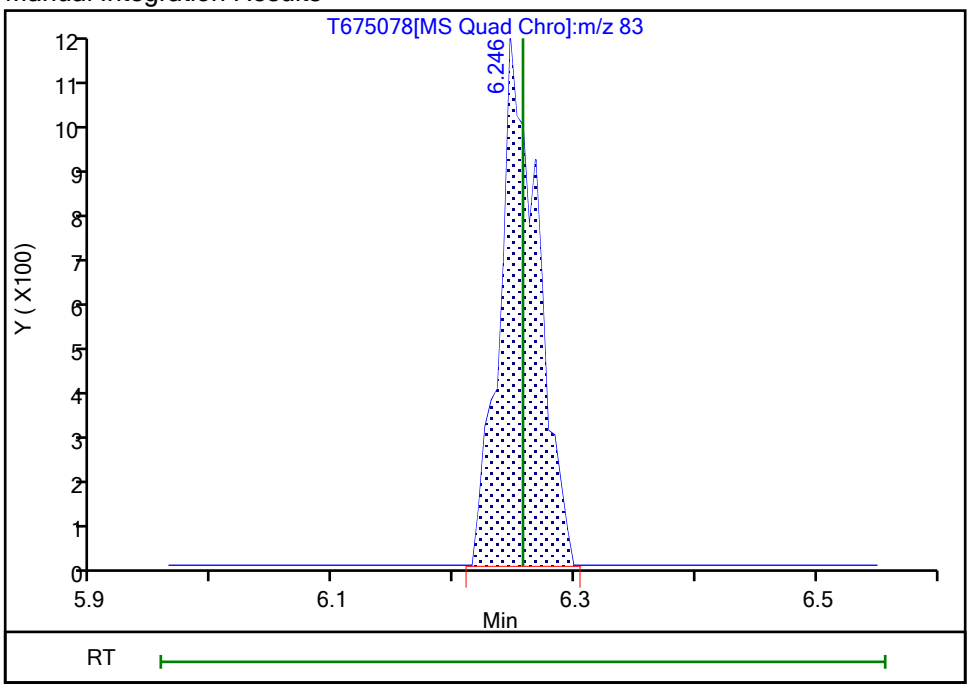
Not Detected
Expected RT: 6.26

Processing Integration Results



Manual Integration Results

RT: 6.25
Area: 2555
Amount: 0.483149
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:25:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

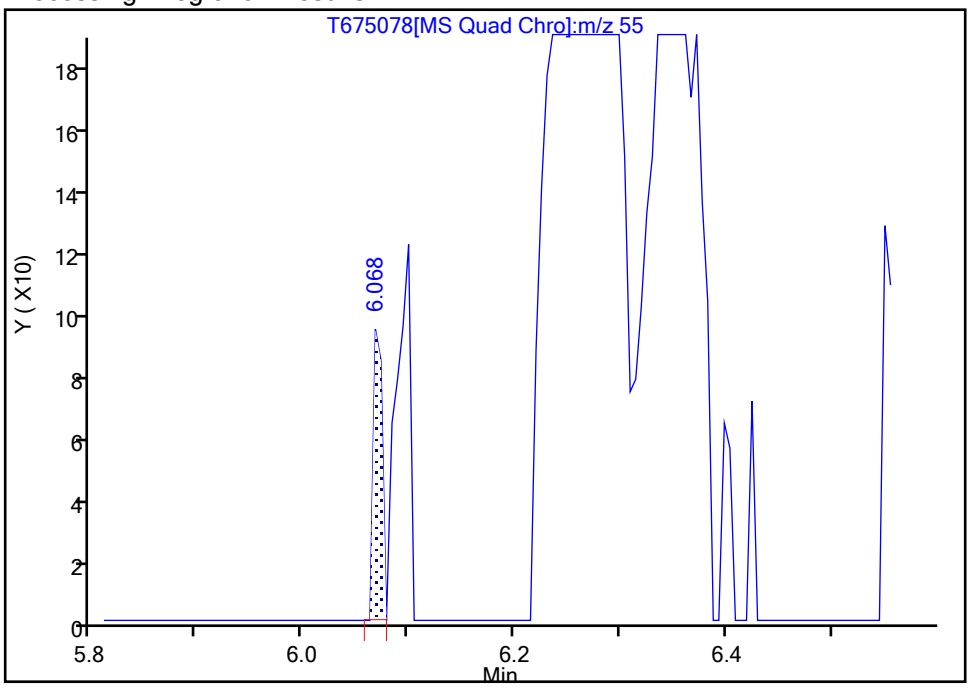
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

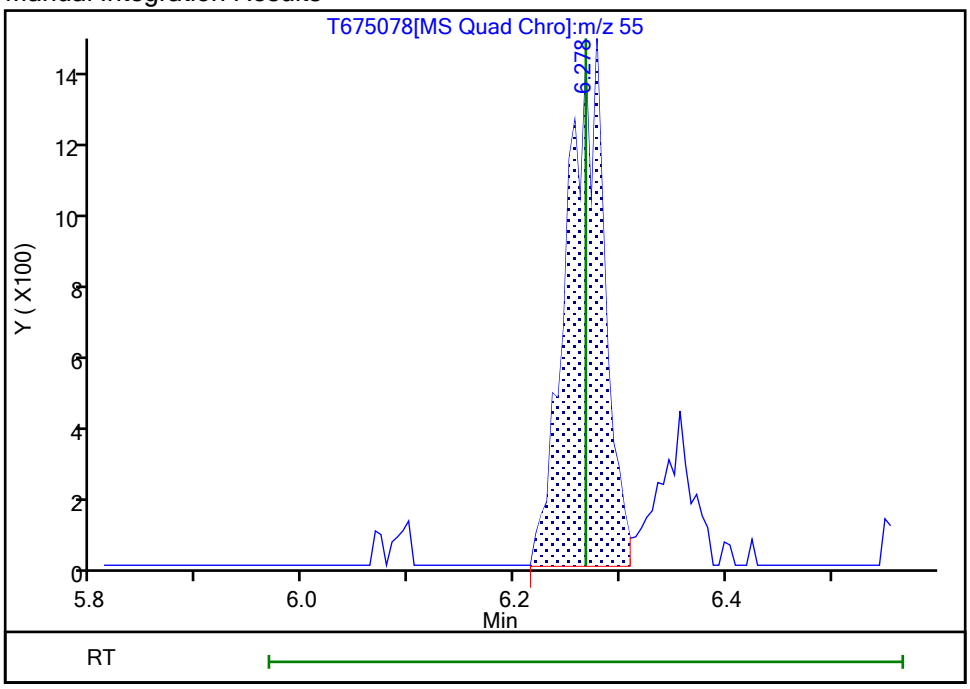
Processing Integration Results

RT: 6.07
Area: 55
Amount: 0.500000
Amount Units: ug/l



Manual Integration Results

RT: 6.28
Area: 3573
Amount: 0.457276
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:25:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

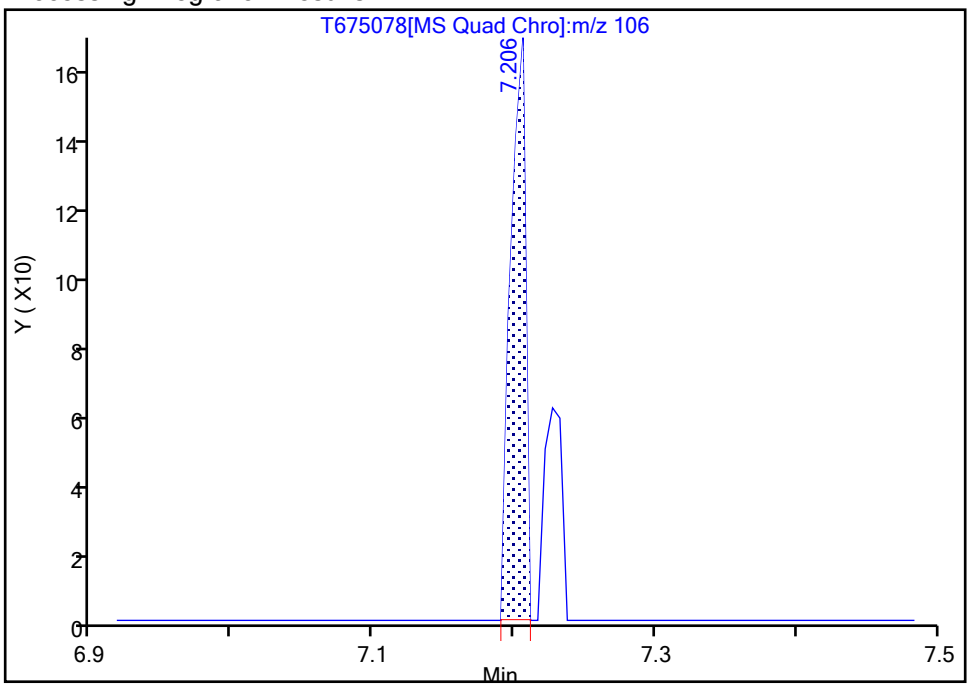
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

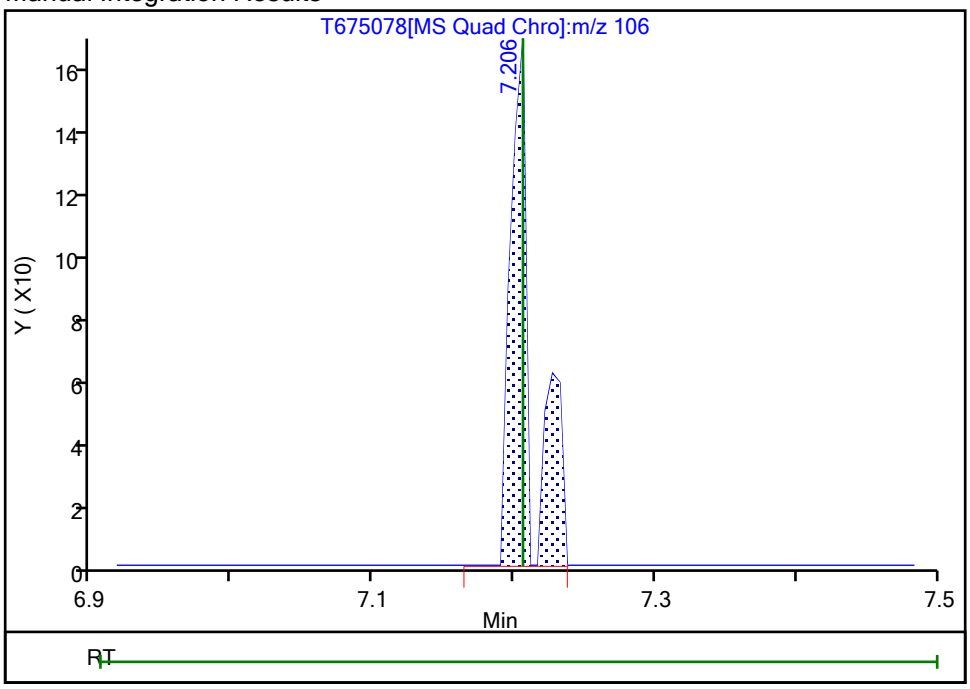
Processing Integration Results

RT: 7.21
Area: 125
Amount: 0.501200
Amount Units: ug/l



Manual Integration Results

RT: 7.21
Area: 179
Amount: 0.524457
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

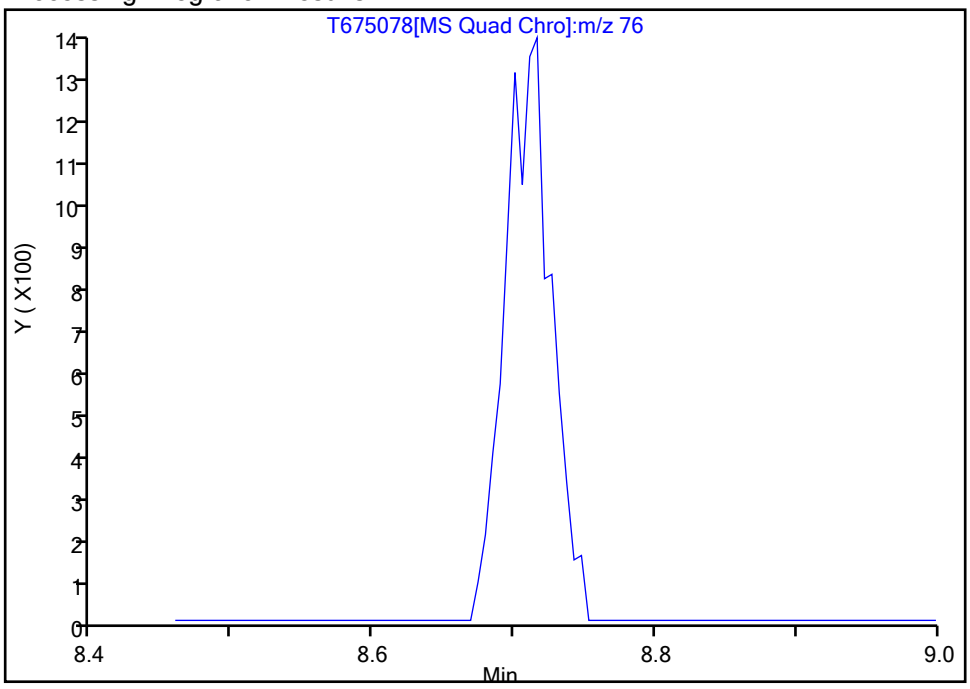
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

89 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

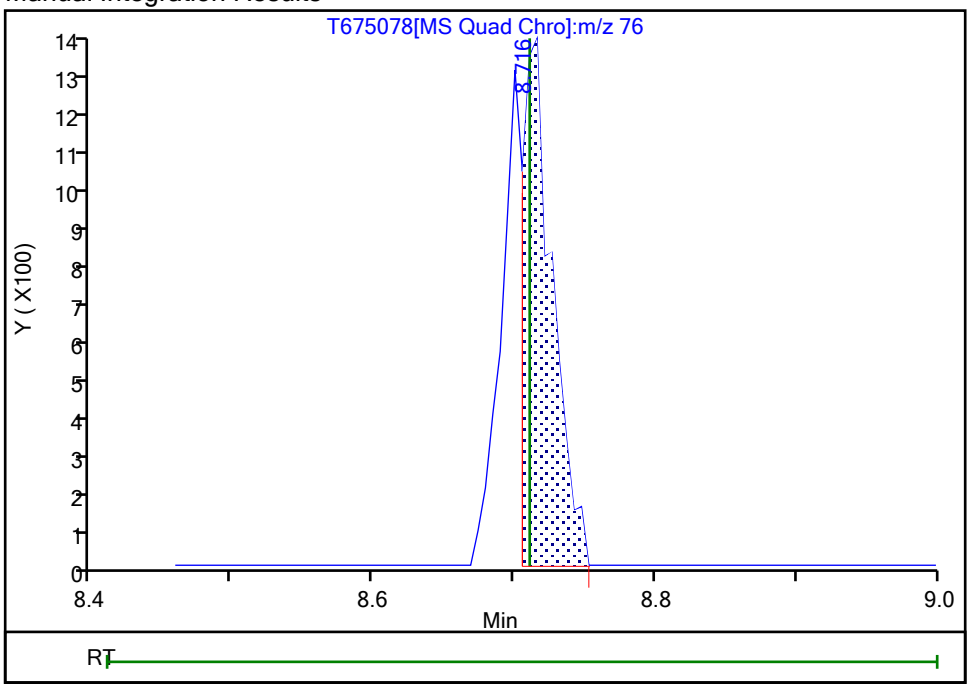
Not Detected
Expected RT: 8.71

Processing Integration Results



Manual Integration Results

RT: 8.72
Area: 1968
Amount: 0.345122
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

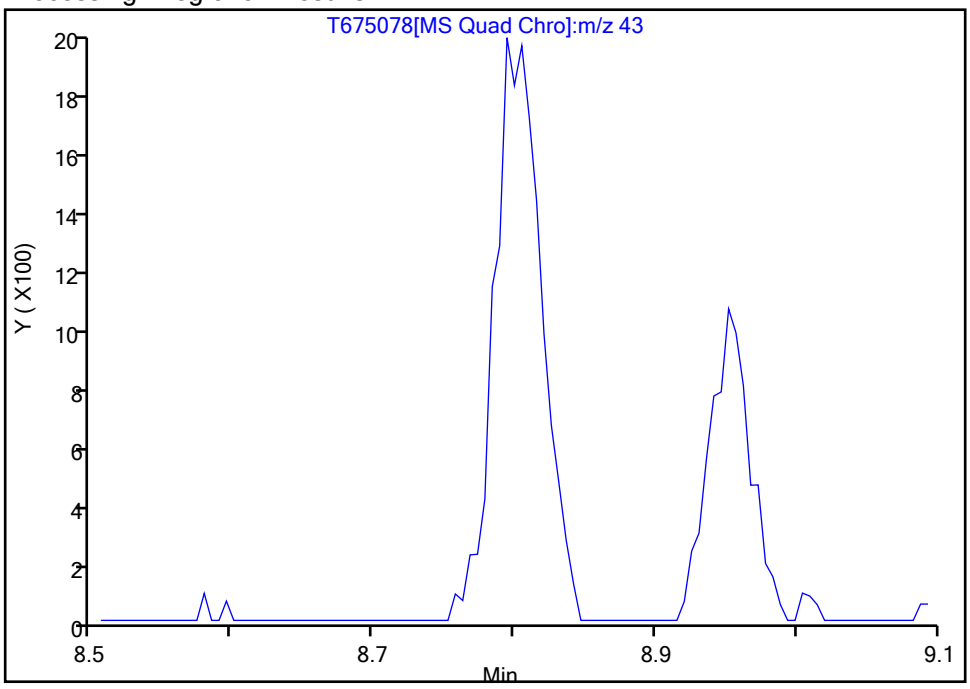
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Signal: 1

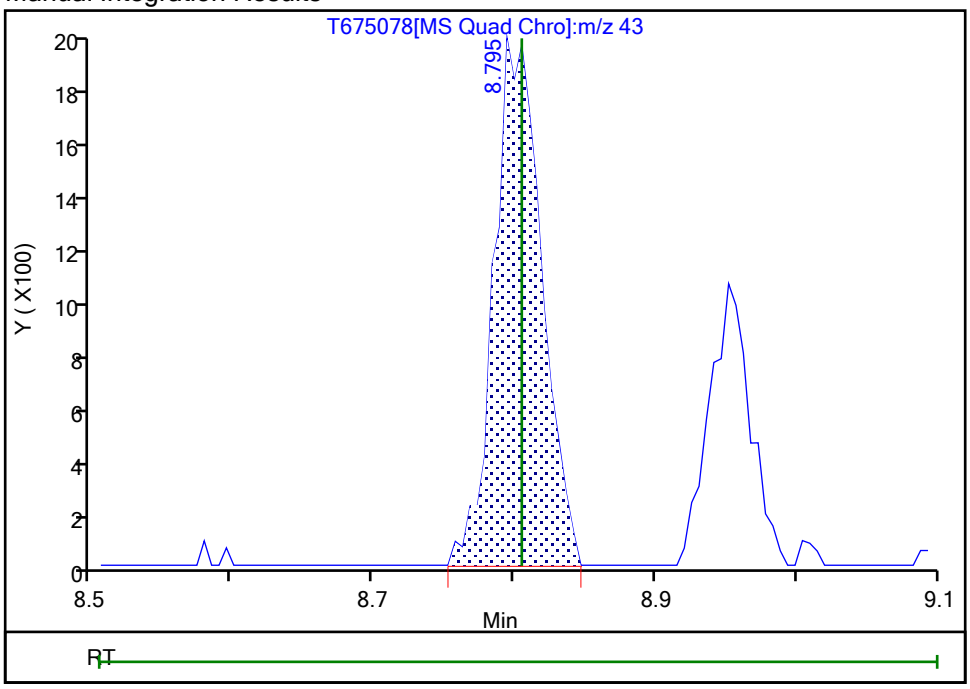
Not Detected
Expected RT: 8.81

Processing Integration Results



Manual Integration Results

RT: 8.79
Area: 4628
Amount: 2.317707
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

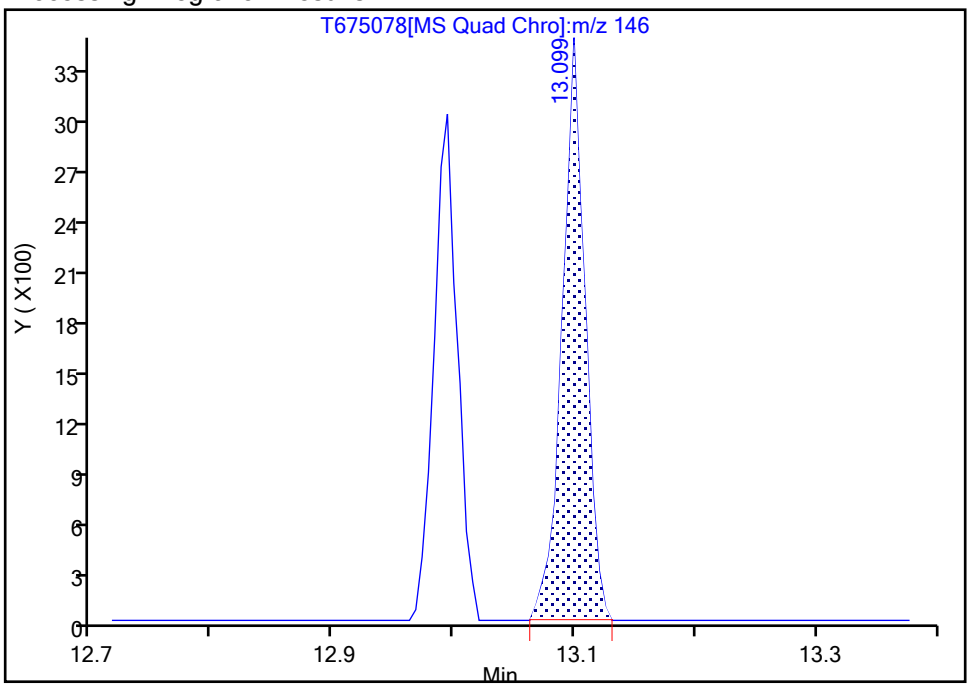
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

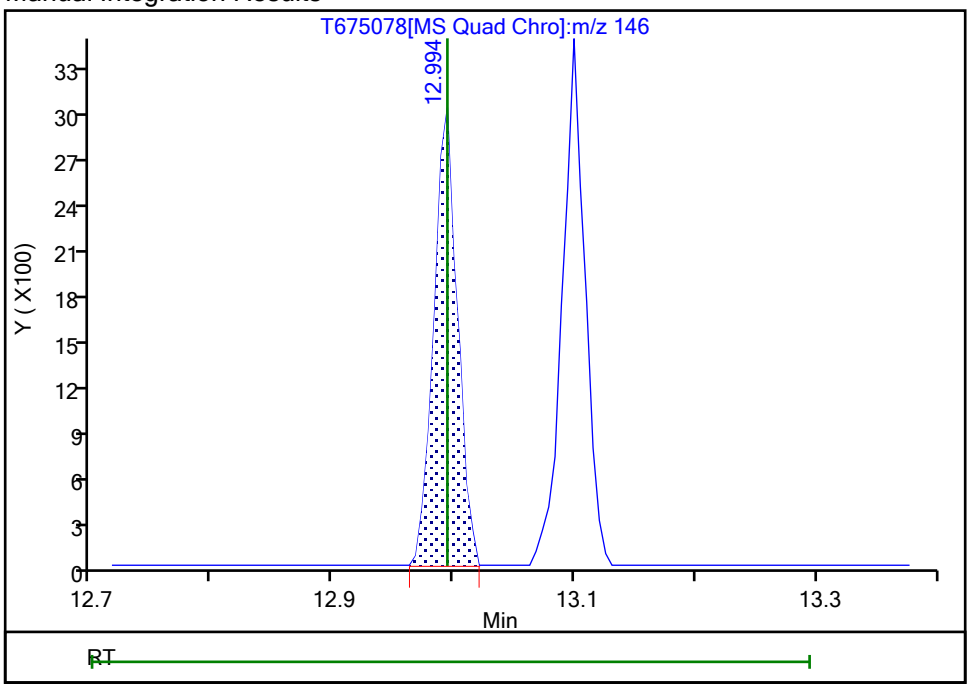
Processing Integration Results

RT: 13.10
Area: 4563
Amount: 0.515245
Amount Units: ug/l



Manual Integration Results

RT: 12.99
Area: 4073
Amount: 0.467303
Amount Units: ug/l



Reviewer: W9CM, 14-Feb-2024 21:00:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

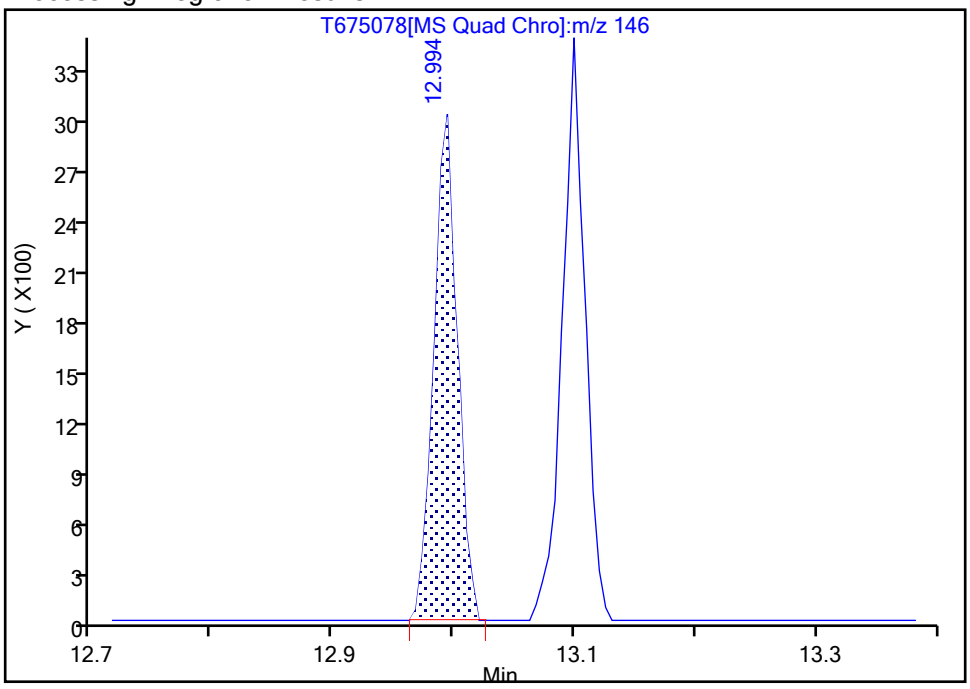
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

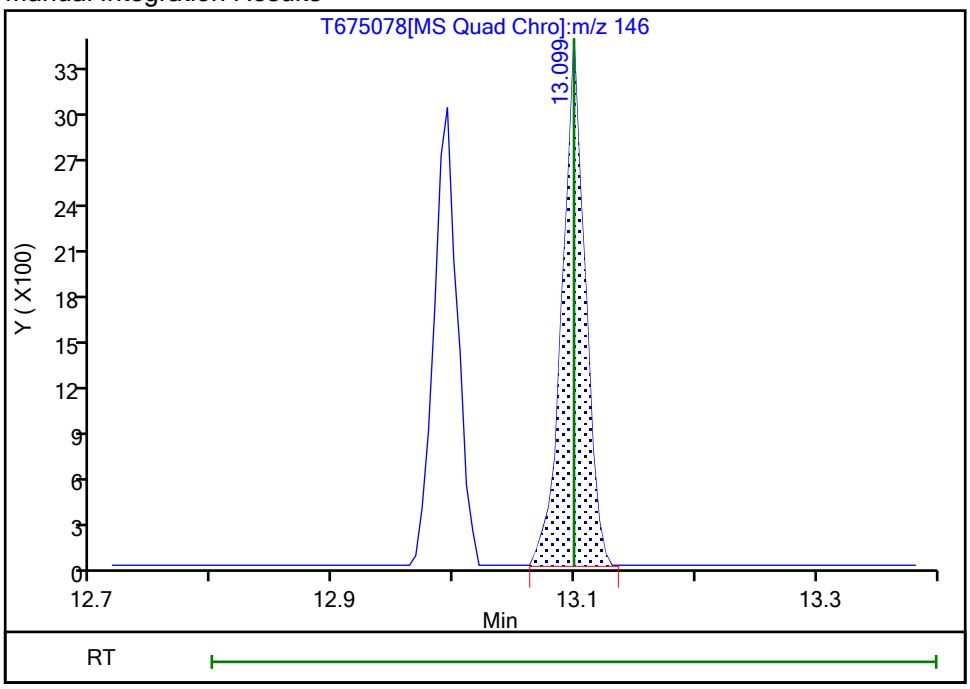
Processing Integration Results

RT: 12.99
Area: 4073
Amount: 0.464996
Amount Units: ug/l



Manual Integration Results

RT: 13.10
Area: 4563
Amount: 0.512742
Amount Units: ug/l



Reviewer: W9CM, 14-Feb-2024 21:01:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675079.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Feb-2024 00:26:17 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0172222-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:45 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 01:05:23

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.313	1.313	0.000	5	220	1.00	1.15	a
3	Chlorotrifluoroethene	116	1.417	1.418	-0.001	27	804	1.00	1.05	
2	1,1-Difluoroethane	65	1.433	1.433	0.000	78	2085	1.00	1.16	
4	Dichlorodifluoromethane	85	1.449	1.449	0.000	97	5317	1.00	1.05	
5	Chlorodifluoromethane	67	1.480	1.475	0.005	44	701	1.00	1.07	
6	Chloromethane	50	1.632	1.633	0.000	85	4845	1.00	1.04	
7	Vinyl chloride	62	1.716	1.716	0.000	83	6528	1.00	1.12	
8	Butadiene	54	1.748	1.748	0.000	80	5489	1.00	1.15	
9	Bromomethane	94	2.015	2.010	0.005	57	2531	1.00	1.79	
10	Chloroethane	64	2.110	2.104	0.006	79	3007	1.00	1.02	
11	Dichlorofluoromethane	67	2.288	2.288	0.000	82	8157	1.00	1.03	
12	Trichlorofluoromethane	101	2.298	2.298	0.000	82	6424	1.00	1.03	
13	Pentane	72	2.351	2.346	0.005	91	1117	2.00	1.90	
14	Ethanol	46	2.508	2.503	0.005	41	978	40.0	52.7	
15	Ethyl ether	59	2.550	2.550	0.000	93	3892	1.00	1.01	
17	2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	80	2855	1.00	1.02	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	63	3670	1.00	1.06	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	78	6027	1.00	1.08	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.728	0.005	65	3470	1.00	1.01	
19	Acrolein	56	2.733	2.734	-0.001	52	2441	4.00	3.60	
20	1,1-Dichloroethene	96	2.770	2.765	0.005	90	4106	1.00	1.08	
22	Acetone	43	2.865	2.865	0.000	78	5392	5.00	4.99	
23	Iodomethane	142	2.927	2.928	-0.001	44	2368	1.00	0.4432	
25	Isopropyl alcohol	45	2.959	2.959	0.000	14	2312	10.0	11.0	
24	Carbon disulfide	76	2.959	2.959	0.000	98	13703	1.00	1.10	
27	3-Chloro-1-propene	76	3.106	3.111	-0.005	72	2464	1.00	1.08	
28	Methyl acetate	43	3.127	3.127	0.000	69	4947	2.00	2.05	
29	Cyclopentene	67	3.127	3.132	-0.005	83	7941	1.00	1.06	
26	Acetonitrile	41	3.184	3.179	0.005	63	4994	10.0	11.3	Ma
* 31	TBA-d9 (IS)	66	3.232	3.231	0.001	96	61878	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	3.247	3.247	0.000	29	4981	1.00	1.09	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	65	4160	10.0	10.6	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	92	9877	1.00	0.9645	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	64	4392	1.00	1.03	
33 Acrylonitrile	53	3.536	3.541	-0.005	95	14659	10.0	10.0	
36 Hexane	57	3.625	3.630	-0.005	66	3487	1.00	0.9822	
40 Isopropyl ether	45	3.861	3.861	0.000	93	8533	1.00	0.9535	
37 1,1-Dichloroethane	63	3.892	3.898	-0.006	84	6973	1.00	1.05	
38 Vinyl acetate	86	3.913	3.913	0.000	98	1199	2.00	2.10	
39 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	68	3700	1.00	1.03	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	86	9464	1.00	0.9740	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	64	338573	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.448	0.005	43	1357	1.00	0.9513	a
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	57	5112	1.00	1.06	
45 2-Butanone (MEK)	72	4.506	4.500	0.006	99	2814	5.00	5.05	
47 Ethyl acetate	70	4.511	4.511	0.000	97	866	2.00	1.92	
48 Methyl acrylate	55	4.563	4.569	-0.006	55	3288	1.00	0.9830	
46 Propionitrile	54	4.652	4.647	0.005	87	6189	10.0	10.7	
49 Chlorobromomethane	128	4.736	4.736	0.000	76	2498	1.00	1.03	
51 Tetrahydrofuran	72	4.742	4.736	0.006	50	1093	2.00	1.93	
50 Methacrylonitrile	67	4.768	4.768	0.000	78	17155	10.0	9.57	
52 Chloroform	83	4.799	4.799	0.000	87	7656	1.00	1.08	
55 Cyclohexane	84	4.936	4.941	-0.005	79	5120	1.00	1.00	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	27	6241	1.00	1.02	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	97	171861	50.0	50.6	
56 Carbon tetrachloride	117	5.098	5.093	0.005	89	6335	1.00	1.13	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	87	5787	1.00	1.08	
59 Isobutyl alcohol	43	5.287	5.282	0.005	45	4853	25.0	25.5	a
62 Isooctane	57	5.329	5.329	0.000	77	6278	1.00	0.9217	a
60 Benzene	78	5.360	5.360	0.000	64	15609	1.00	1.04	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	98	154523	50.0	51.0	
64 Tert-amyl methyl ether	73	5.439	5.444	-0.005	83	9671	1.00	0.9440	
63 Isopropyl acetate	61	5.460	5.444	0.016	75	2030	1.00	1.05	
61 1,2-Dichloroethane	62	5.465	5.470	-0.005	72	4947	1.00	1.06	
66 n-Heptane	43	5.549	5.549	0.000	55	2372	1.00	1.00	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	554640	50.0	50.0	
68 n-Butanol	56	6.073	6.068	0.005	26	1853	25.0	19.9	a
67 Trichloroethene	95	6.115	6.110	0.005	81	4672	1.00	1.03	
70 Methylcyclohexane	83	6.257	6.257	0.000	75	5007	1.00	0.9770	
69 Ethyl acrylate	55	6.262	6.267	-0.005	85	7272	1.00	0.9603	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	72	3948	1.00	1.03	
* 73 1,4-Dioxane-d8	96	6.519	6.519	0.000	1	52591	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.561	0.005	70	1951	2.00	1.75	
74 1,4-Dioxane	88	6.592	6.587	0.005	49	2898	50.0	53.9	a
72 Dibromomethane	93	6.603	6.603	0.000	62	3032	1.00	1.08	
76 n-Propyl acetate	43	6.629	6.629	0.000	75	4143	1.00	0.99	
77 Dichlorobromomethane	83	6.786	6.786	0.000	90	5561	1.00	1.01	
78 2-Nitropropane	41	7.190	7.190	0.000	31	1629	2.00	2.01	
79 2-Chloroethyl vinyl ether	106	7.201	7.206	-0.005	47	515	1.00	1.56	
80 Epichlorohydrin	57	7.321	7.321	0.000	89	6153	20.0	20.5	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	73	6473	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	90	12906	5.00	4.75	

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	7.678	7.678	0.000	98	566738	50.0	50.9	
84 Toluene	91	7.772	7.772	0.000	90	18523	1.00	1.09	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	77	5713	1.00	1.01	
86 Ethyl methacrylate	69	8.249	8.249	0.000	41	3991	1.00	0.9278	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	66	3127	1.00	0.9743	
88 Tetrachloroethene	166	8.501	8.496	0.005	76	5007	1.00	1.07	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	59	5900	1.00	1.06	
90 2-Hexanone	43	8.805	8.805	0.000	88	9366	5.00	4.76	
93 n-Butyl acetate	43	8.947	8.947	0.000	72	4319	1.00	1.05	
91 Chlorodibromomethane	129	8.983	8.983	0.000	65	4443	1.00	0.9783	
92 Ethylene Dibromide	107	9.162	9.162	0.000	59	4103	1.00	1.03	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	81	486159	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	93	11956	1.00	1.09	
97 Ethylbenzene	106	10.016	10.016	0.000	94	6015	1.00	1.06	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	42	3920	1.00	1.02	
98 m-Xylene & p-Xylene	106	10.205	10.210	-0.005	92	7362	1.00	1.07	
99 o-Xylene	106	10.860	10.850	0.010	93	7257	1.00	1.07	
101 n-Butyl acrylate	73	10.876	10.871	0.005	73	2810	1.00	1.02	
100 Styrene	104	10.902	10.902	0.000	90	11047	1.00	1.01	
102 Bromoform	173	11.217	11.217	0.000	76	3831	1.00	1.05	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	74	4622	1.00	1.01	
104 Isopropylbenzene	105	11.421	11.427	-0.006	89	17793	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	222242	50.0	51.4	
106 Bromobenzene	156	11.877	11.878	-0.001	75	5120	1.00	1.00	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	80	4839	1.00	1.03	
110 N-Propylbenzene	91	11.998	11.993	0.005	98	20532	1.00	1.05	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	73	1303	1.00	0.8916	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.056	0.005	35	995	1.00	0.8974	
111 2-Chlorotoluene	91	12.119	12.124	-0.005	91	13232	1.00	1.03	
112 4-Ethyltoluene	105	12.150	12.150	0.000	95	17369	1.00	1.06	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	89	13349	1.00	1.03	
113 4-Chlorotoluene	91	12.271	12.271	0.000	92	13146	1.00	1.03	
115 Butyl Methacrylate	87	12.391	12.391	0.000	71	4115	1.00	0.8983	
116 tert-Butylbenzene	119	12.596	12.601	-0.005	85	11478	1.00	1.03	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	94	13541	1.00	1.02	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	96	16606	1.00	1.06	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	93	8581	1.00	1.01	a
122 4-Isopropyltoluene	119	13.015	13.015	0.000	84	14093	1.00	1.06	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	279391	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	71	8714	1.00	1.00	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	94	13347	1.00	0.9845	
124 Benzyl chloride	91	13.262	13.262	0.000	95	8100	1.00	0.9596	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	91	14080	1.00	1.00	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	93	7883	1.00	0.9794	
128 n-Butylbenzene	92	13.429	13.430	-0.001	95	6547	1.00	1.05	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	92	7577	1.00	0.9840	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	93	11324	1.00	1.01	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	21	1269	1.00	1.02	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	90	5123	1.00	1.00	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	61	4375	1.00	0.9683	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	34	2294	1.00	1.08	
134 Naphthalene	128	15.091	15.092	-0.001	97	11539	1.00	0.9869	

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	15.280	15.280	0.000	54	3773	1.00	0.9672	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.09	
S 137 Xylenes, Total	100				0		2.00	2.14	
S 140 Total BTEX	1				0		5.00	5.33	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.03	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00014	Amount Added:	10.00	Units: uL	
GASES Li_00571	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	10.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
14DIOXINTER_00165	Amount Added:	30.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:46 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675079.D

Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15

Lims ID: STD1

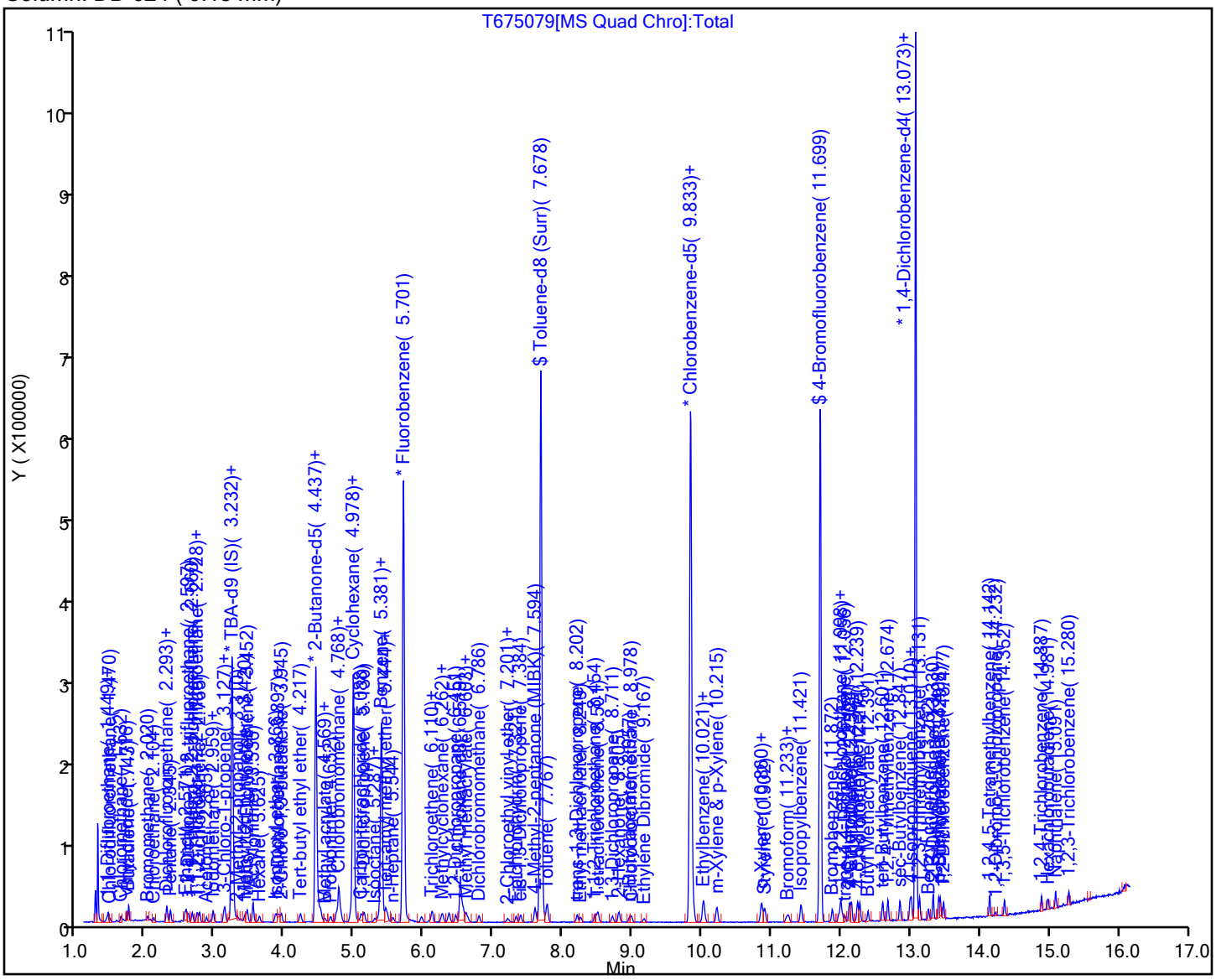
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

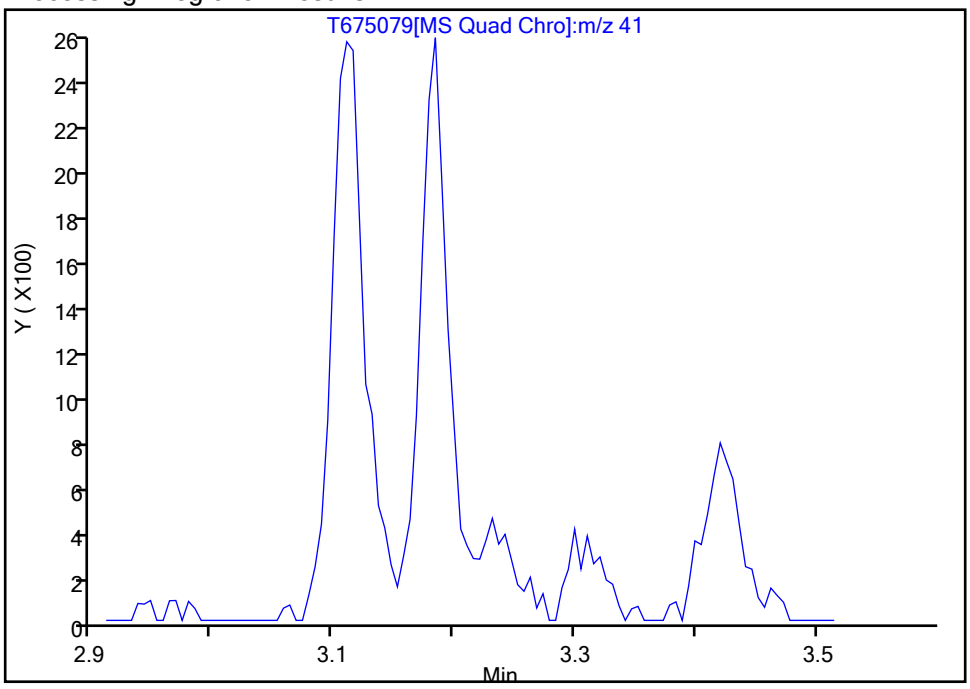
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

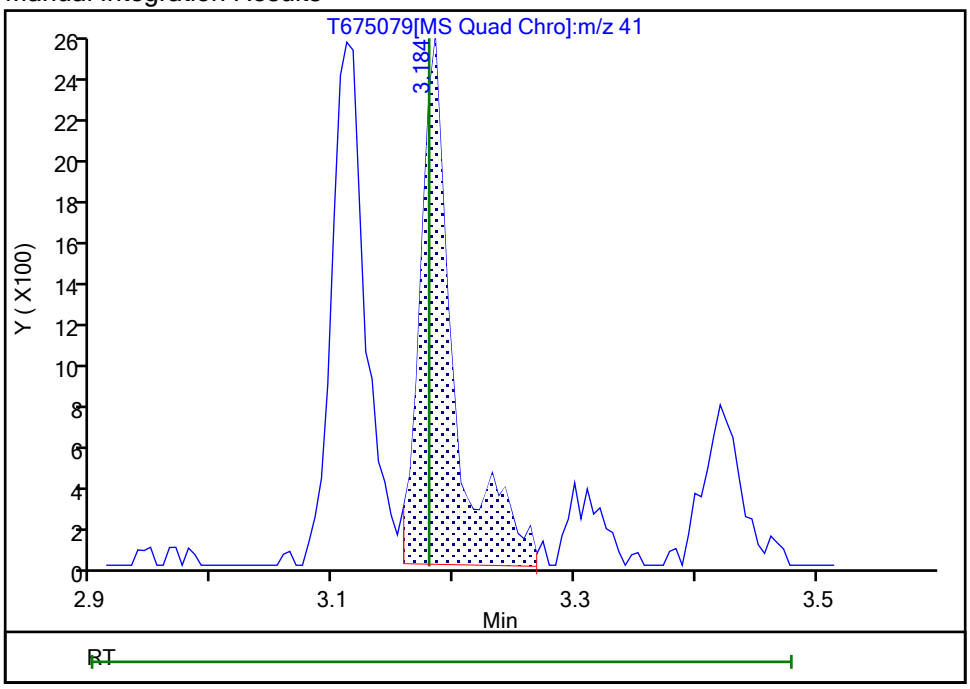
Not Detected
Expected RT: 3.18

Processing Integration Results



Manual Integration Results

RT: 3.18
Area: 4994
Amount: 11.264258
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 03:00:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

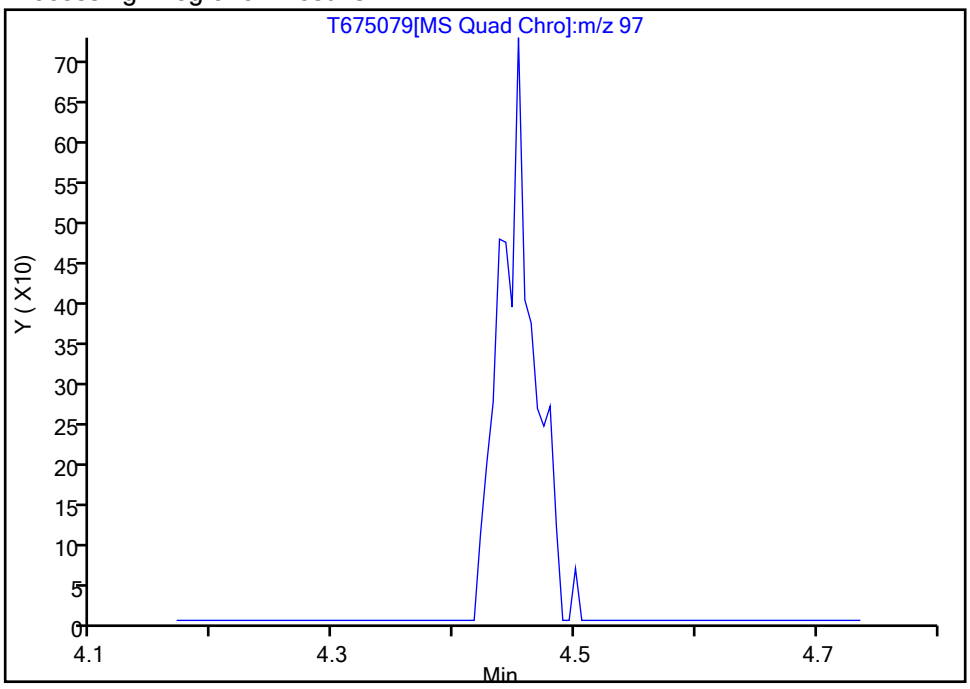
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

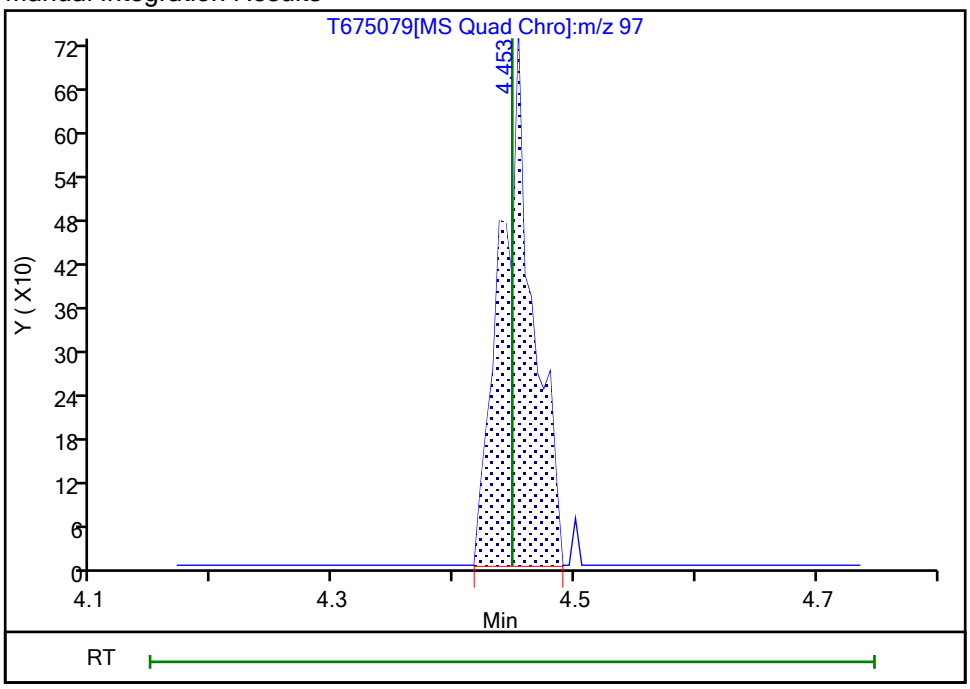
Not Detected
Expected RT: 4.45

Processing Integration Results



Manual Integration Results

RT: 4.45
Area: 1357
Amount: 0.951292
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:06:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

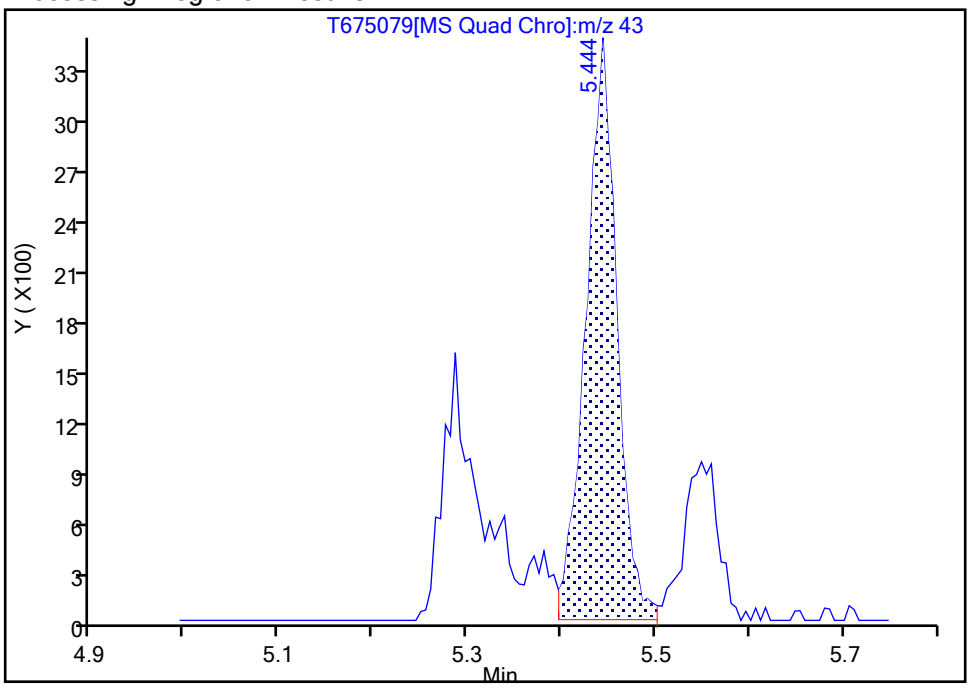
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

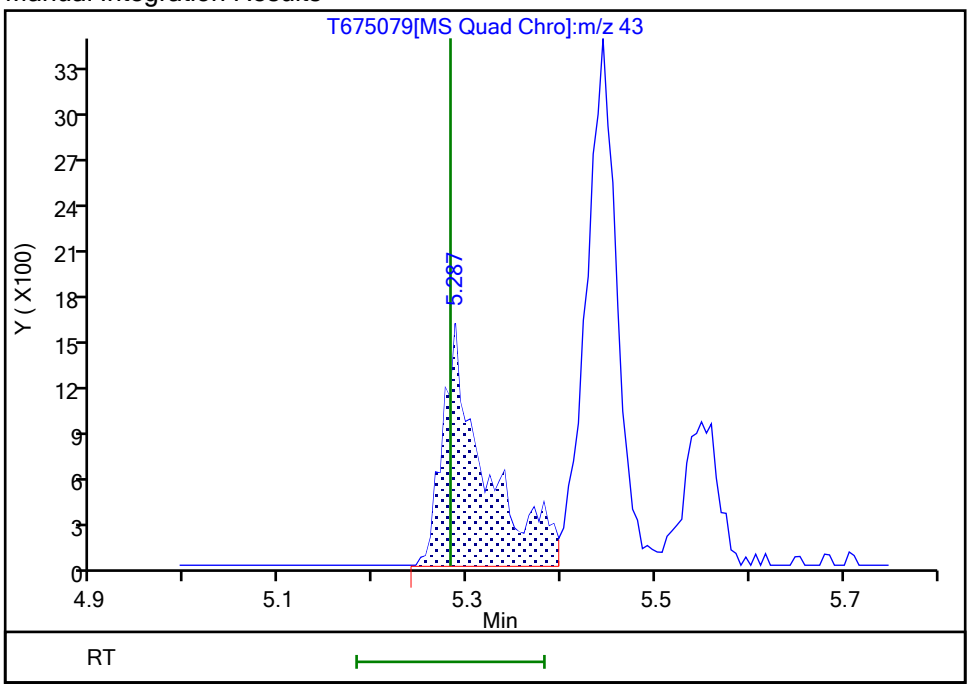
Processing Integration Results

RT: 5.44
Area: 7804
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 4853
Amount: 25.493224
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:06:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

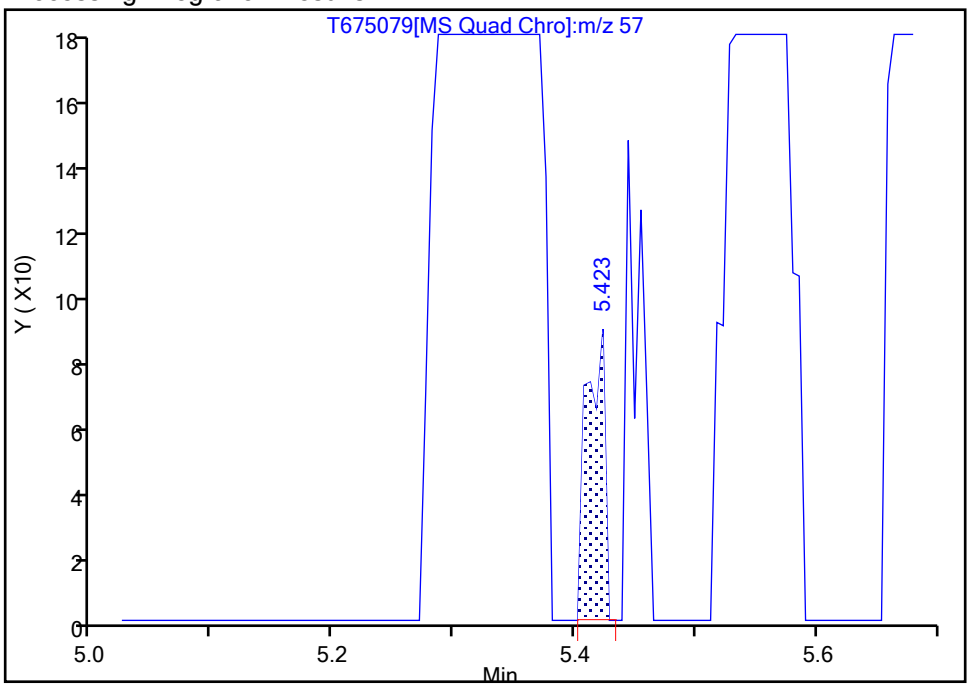
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

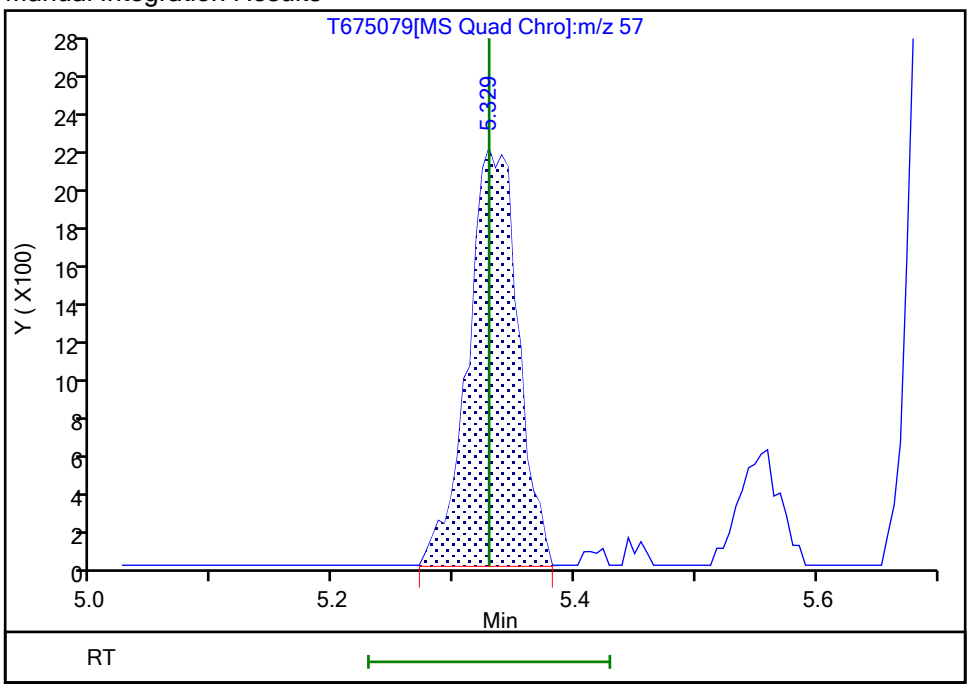
Processing Integration Results

RT: 5.42
Area: 92
Amount: 0.028894
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 6278
Amount: 0.921677
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:06:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

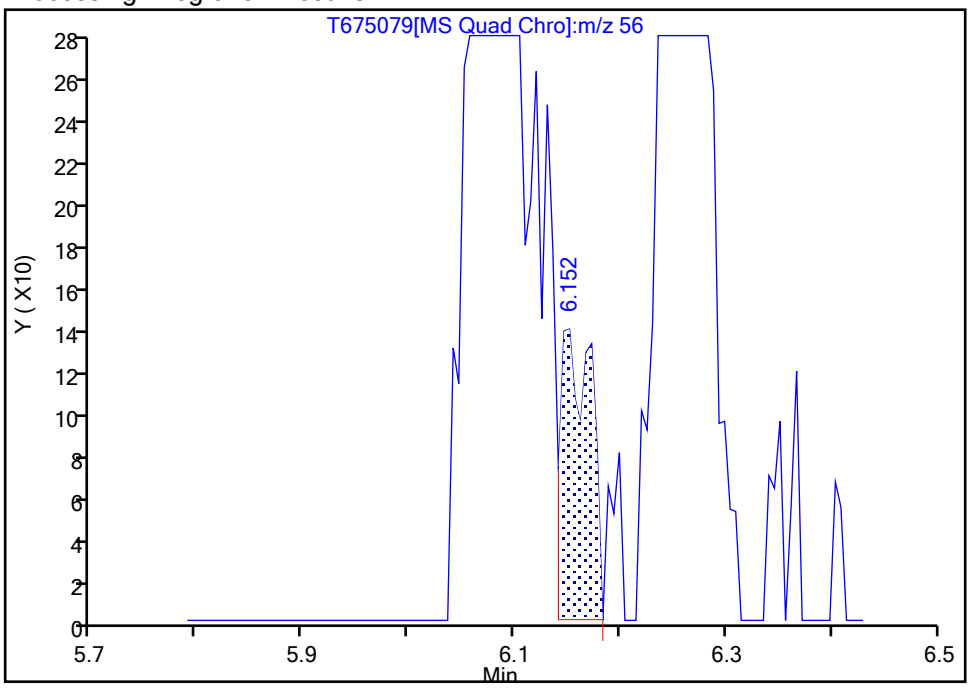
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Signal: 1

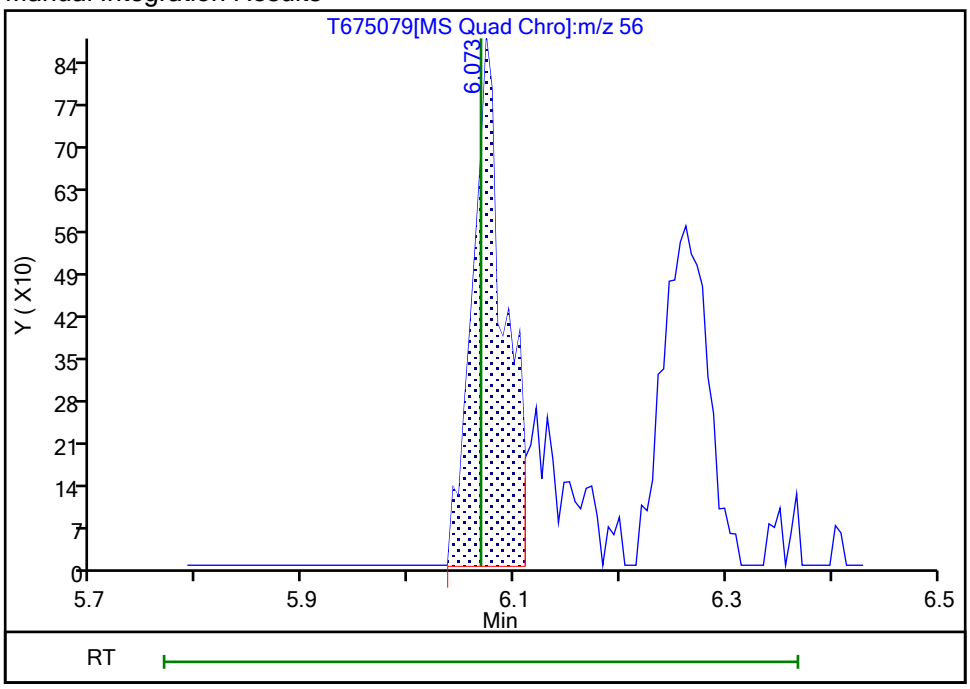
Processing Integration Results

RT: 6.15
Area: 280
Amount: 6.372416
Amount Units: ug/l



Manual Integration Results

RT: 6.07
Area: 1853
Amount: 19.891569
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:07:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

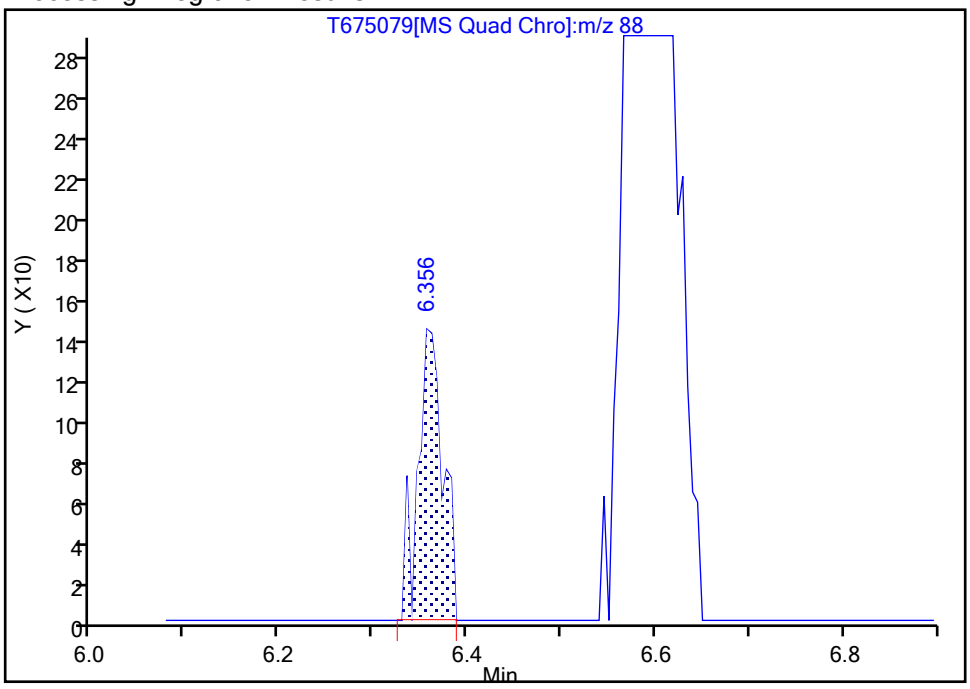
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

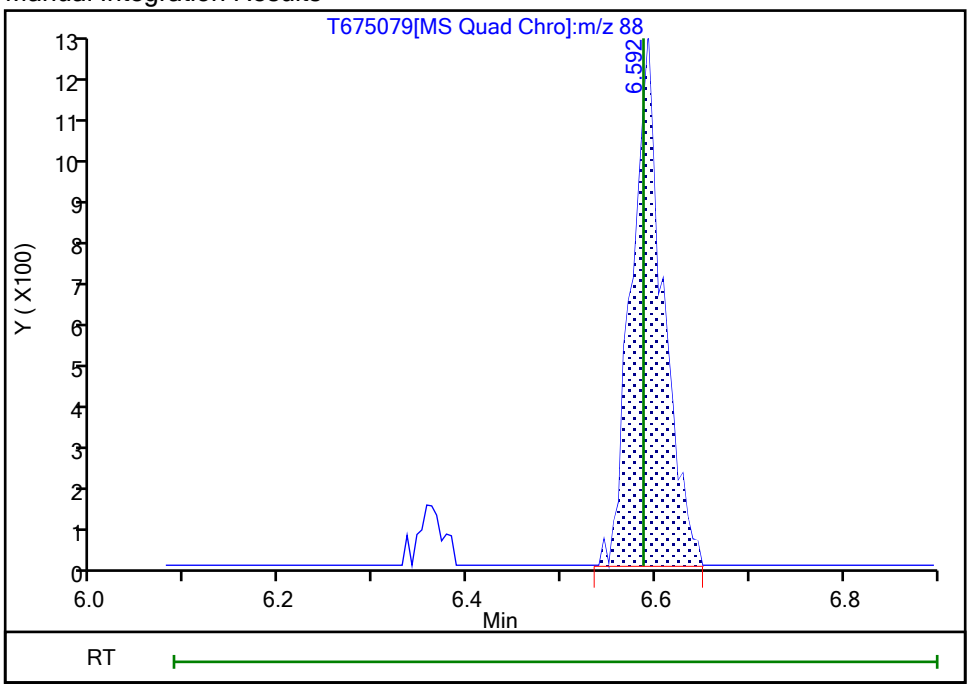
Processing Integration Results

RT: 6.36
Area: 262
Amount: 8.665381
Amount Units: ug/l



Manual Integration Results

RT: 6.59
Area: 2898
Amount: 53.861924
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:07:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

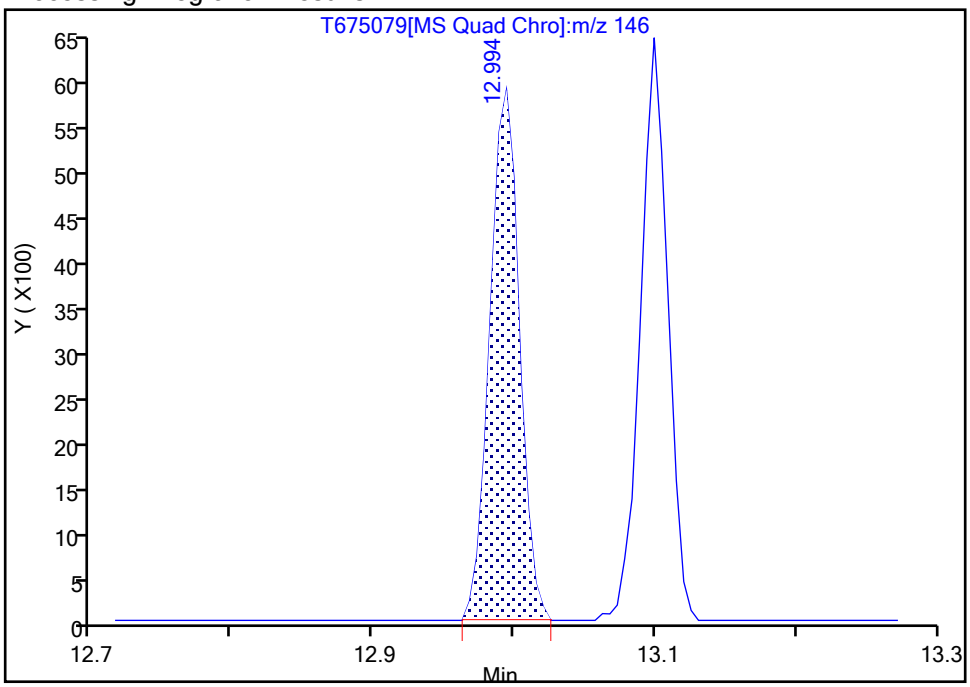
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

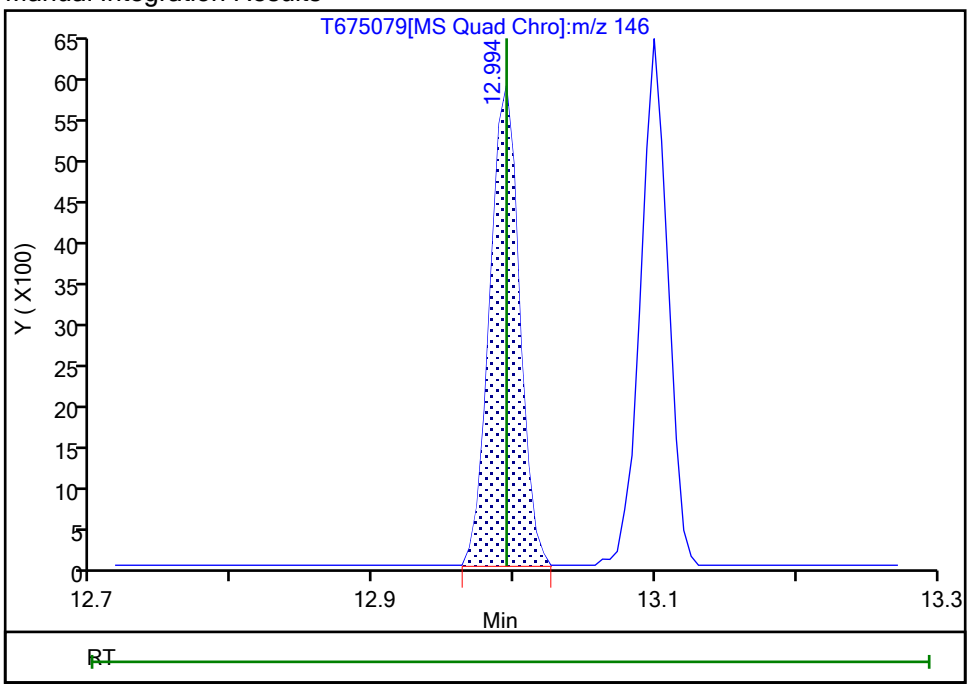
Processing Integration Results

RT: 12.99
Area: 8581
Amount: 0.981419
Amount Units: ug/l



Manual Integration Results

RT: 12.99
Area: 8581
Amount: 1.008843
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:07:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675080.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 13-Feb-2024 00:49:03 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0172222-006
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:53 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 02:33:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	31	1121	5.00	5.85	
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	80	3629	5.00	4.74	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	90	9052	5.00	5.06	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	26965	5.00	5.32	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	78	3343	5.00	5.09	
6 Chloromethane	50	1.633	1.633	0.001	97	23355	5.00	5.00	
7 Vinyl chloride	62	1.716	1.716	0.000	98	29538	5.00	5.08	
8 Butadiene	54	1.743	1.748	-0.005	89	25731	5.00	5.38	
9 Bromomethane	94	2.015	2.010	0.005	93	9419	5.00	6.56	M
10 Chloroethane	64	2.104	2.104	0.000	97	15296	5.00	5.23	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	98	38950	5.00	4.94	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	99	31623	5.00	5.08	
13 Pentane	72	2.346	2.346	0.000	96	6289	10.0	10.7	
14 Ethanol	46	2.503	2.503	0.000	98	3439	200.0	188.8	
15 Ethyl ether	59	2.550	2.550	0.000	93	15087	5.00	4.88	
17 2-Methyl-1,3-butadiene	53	2.576	2.571	0.005	91	14323	5.00	5.14	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.001	90	16886	5.00	4.89	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	27631	5.00	4.94	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	95	18844	5.00	5.47	
19 Acrolein	56	2.734	2.734	0.000	94	14038	20.0	20.7	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	95	19559	5.00	5.15	
22 Acetone	43	2.865	2.865	0.000	90	23243	25.0	21.7	
23 Iodomethane	142	2.928	2.928	0.000	97	17367	5.00	3.25	
25 Isopropyl alcohol	45	2.959	2.959	0.000	30	9967	50.0	48.1	
24 Carbon disulfide	76	2.959	2.959	0.000	98	64195	5.00	5.13	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	83	12458	5.00	5.48	
28 Methyl acetate	43	3.127	3.127	0.000	79	23814	10.0	9.88	
29 Cyclopentene	67	3.132	3.132	0.000	93	38686	5.00	5.14	
26 Acetonitrile	41	3.179	3.179	0.000	89	22498	50.0	51.1	
* 31 TBA-d9 (IS)	66	3.232	3.231	0.001	97	60727	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	3.247	3.247	0.000	41	23585	5.00	5.16	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	97	18652	50.0	48.3	
35 Methyl tert-butyl ether	73	3.421	3.420	0.000	95	50933	5.00	4.97	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	77	22158	5.00	5.19	
33 Acrylonitrile	53	3.536	3.541	-0.005	94	71780	50.0	49.0	
36 Hexane	57	3.630	3.630	0.000	86	19228	5.00	5.42	
40 Isopropyl ether	45	3.861	3.861	0.000	94	45204	5.00	5.05	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	93	33376	5.00	5.00	
38 Vinyl acetate	86	3.913	3.913	0.000	99	5939	10.0	10.5	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	18028	5.00	5.03	
41 Tert-butyl ethyl ether	59	4.212	4.217	-0.005	88	48810	5.00	5.02	
* 42 2-Butanone-d5	46	4.438	4.437	0.001	84	335937	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	51	7565	5.00	5.30	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	90	24267	5.00	5.02	
45 2-Butanone (MEK)	72	4.501	4.500	0.001	99	12735	25.0	23.0	
47 Ethyl acetate	70	4.511	4.511	0.000	96	4318	10.0	9.64	
48 Methyl acrylate	55	4.569	4.569	0.000	99	16252	5.00	4.86	
46 Propionitrile	54	4.653	4.647	0.006	95	28086	50.0	48.6	
49 Chlorobromomethane	128	4.737	4.736	0.001	73	12595	5.00	5.19	
51 Tetrahydrofuran	72	4.737	4.736	0.001	72	5469	10.0	9.75	
50 Methacrylonitrile	67	4.768	4.768	0.000	83	84658	50.0	47.2	
52 Chloroform	83	4.799	4.799	0.000	94	36346	5.00	5.11	
55 Cyclohexane	84	4.941	4.941	0.000	84	27028	5.00	5.27	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	72	31361	5.00	5.13	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	96	171109	50.0	50.4	
56 Carbon tetrachloride	117	5.093	5.093	0.000	97	28303	5.00	5.04	
57 1,1-Dichloropropene	75	5.140	5.135	0.005	95	27124	5.00	5.04	
59 Isobutyl alcohol	43	5.287	5.282	0.005	93	23576	125.0	126.2	a
62 Isooctane	57	5.334	5.329	0.005	98	34890	5.00	5.12	a
60 Benzene	78	5.366	5.360	0.006	92	78538	5.00	5.24	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	153073	50.0	50.5	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	50446	5.00	4.92	
63 Isopropyl acetate	61	5.439	5.444	-0.005	82	9657	5.00	5.02	
61 1,2-Dichloroethane	62	5.471	5.470	0.001	88	23455	5.00	5.01	
66 n-Heptane	43	5.554	5.549	0.005	85	13293	5.00	5.59	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	554592	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	75	10307	125.0	112.7	
67 Trichloroethene	95	6.110	6.110	0.000	95	22439	5.00	4.96	
70 Methylcyclohexane	83	6.257	6.257	0.000	87	26817	5.00	5.23	
69 Ethyl acrylate	55	6.268	6.267	0.001	95	37279	5.00	4.92	
71 1,2-Dichloropropane	63	6.451	6.456	-0.005	93	19320	5.00	5.04	
* 73 1,4-Dioxane-d8	96	6.524	6.519	0.005	1	53432	1000.0	1000.0	
75 Methyl methacrylate	100	6.556	6.561	-0.005	75	10190	10.0	9.12	
74 1,4-Dioxane	88	6.587	6.587	0.000	64	5836	100.0	106.8	
72 Dibromomethane	93	6.603	6.603	0.000	91	14570	5.00	5.20	
76 n-Propyl acetate	43	6.629	6.629	0.000	94	19414	5.00	4.65	
77 Dichlorobromomethane	83	6.787	6.786	0.001	94	27658	5.00	5.03	
78 2-Nitropropane	41	7.190	7.190	0.000	88	7528	10.0	9.30	
79 2-Chloroethyl vinyl ether	106	7.211	7.206	0.005	80	2028	5.01	6.14	
80 Epichlorohydrin	57	7.321	7.321	0.000	99	29946	100.0	100.5	
81 cis-1,3-Dichloropropene	75	7.384	7.389	-0.005	86	33300	5.00	5.21	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	91	63946	25.0	23.7	

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	7.678	7.678	0.000	98	576639	50.0	51.7	
84 Toluene	91	7.772	7.772	0.000	92	85876	5.00	5.05	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	88	29042	5.00	5.12	
86 Ethyl methacrylate	69	8.249	8.249	0.000	82	21342	5.00	4.95	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	95	16624	5.00	5.17	
88 Tetrachloroethene	166	8.496	8.496	0.000	97	24128	5.00	5.15	
89 1,3-Dichloropropane	76	8.706	8.711	-0.005	81	30277	5.00	5.43	
90 2-Hexanone	43	8.800	8.805	-0.005	89	45511	25.0	23.3	
93 n-Butyl acetate	43	8.952	8.947	0.005	95	20606	5.00	4.98	
91 Chlorodibromomethane	129	8.983	8.983	0.000	96	23224	5.00	5.10	
92 Ethylene Dibromide	107	9.162	9.162	0.000	96	20320	5.00	5.11	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	487454	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	55742	5.00	5.09	
97 Ethylbenzene	106	10.016	10.016	0.000	97	29072	5.00	5.10	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	52	20542	5.00	5.33	
98 m-Xylene & p-Xylene	106	10.216	10.210	0.006	95	35371	5.00	5.12	
99 o-Xylene	106	10.855	10.850	0.005	95	33521	5.00	4.93	
101 n-Butyl acrylate	73	10.871	10.871	0.000	90	13579	5.00	4.93	
100 Styrene	104	10.902	10.902	0.000	97	55118	5.00	5.05	
102 Bromoform	173	11.217	11.217	0.000	97	17282	5.00	4.74	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	90	22748	5.00	4.99	
104 Isopropylbenzene	105	11.427	11.427	0.000	94	84370	5.00	5.22	
$ 105 4-Bromofluorobenzene	174	11.705	11.704	0.001	96	221773	50.0	51.2	
106 Bromobenzene	156	11.878	11.878	0.000	86	25227	5.00	4.97	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	90	23477	5.00	5.03	
110 N-Propylbenzene	91	11.998	11.993	0.005	100	99355	5.00	5.13	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	93	7287	5.00	5.01	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	93	5499	5.00	4.99	
111 2-Chlorotoluene	91	12.124	12.124	0.000	95	64195	5.00	5.02	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	81612	5.00	5.03	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	65031	5.00	5.07	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	64560	5.00	5.08	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	21226	5.00	4.66	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	56091	5.00	5.08	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.001	97	66926	5.00	5.05	
118 sec-Butylbenzene	105	12.848	12.848	0.000	98	80896	5.00	5.18	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	97	41673	5.00	4.93	
122 4-Isopropyltoluene	119	13.010	13.015	-0.005	92	67494	5.00	5.08	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	277831	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	94	42722	5.00	4.95	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	97	67570	5.00	5.01	
124 Benzyl chloride	91	13.262	13.262	0.000	99	39822	5.00	4.74	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	91	69377	5.00	4.95	
127 p-Diethylbenzene	119	13.409	13.409	0.000	93	39243	5.00	4.90	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	31302	5.00	5.04	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	97	38549	5.00	5.03	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	98	53569	5.00	4.81	
129 1,2-Dibromo-3-Chloropropane	157	14.227	14.226	0.001	84	5853	5.00	4.74	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	24746	5.00	4.85	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	20999	5.00	4.67	
133 Hexachlorobutadiene	225	14.976	14.981	-0.005	78	10390	5.00	4.91	
134 Naphthalene	128	15.092	15.092	0.000	99	55511	5.00	4.77	

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	15.280	15.280	0.000	95	18578	5.00	4.79	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.2	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 140 Total BTEX	1				0		25.0	25.4	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

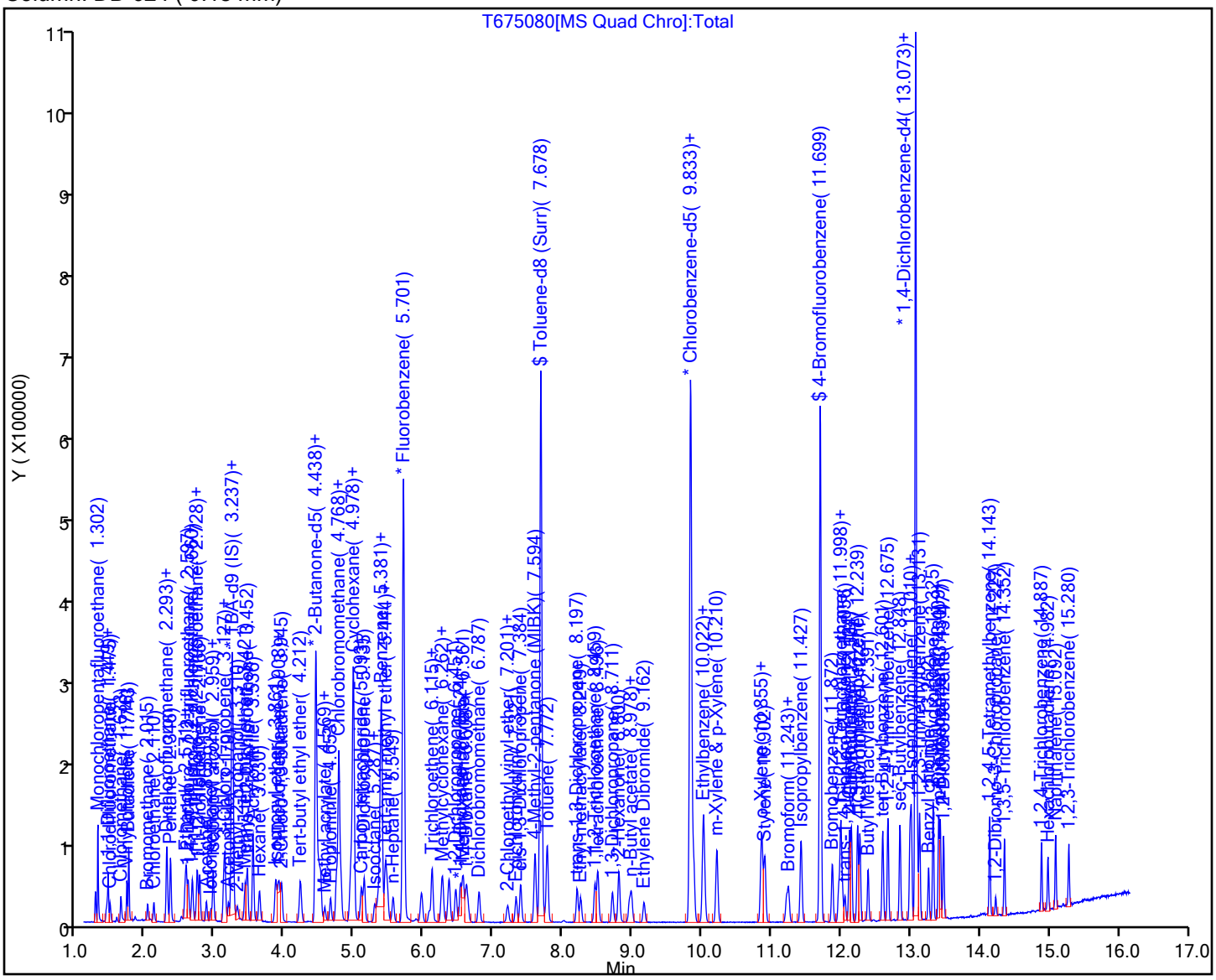
Reagents:

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GASES Li_00571	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	10.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:53 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675080.D
Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

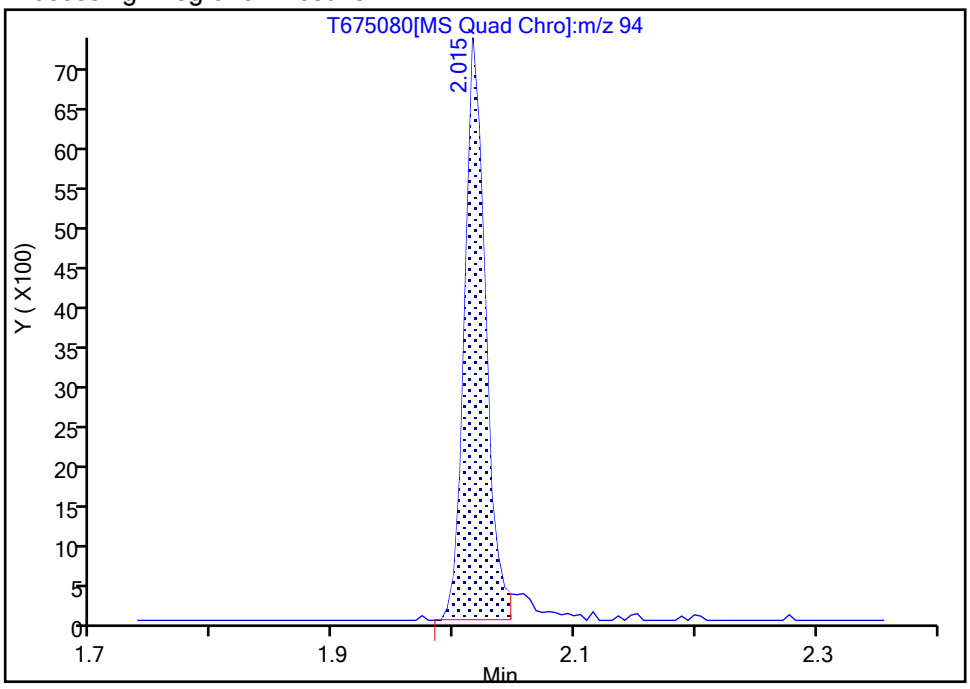
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Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

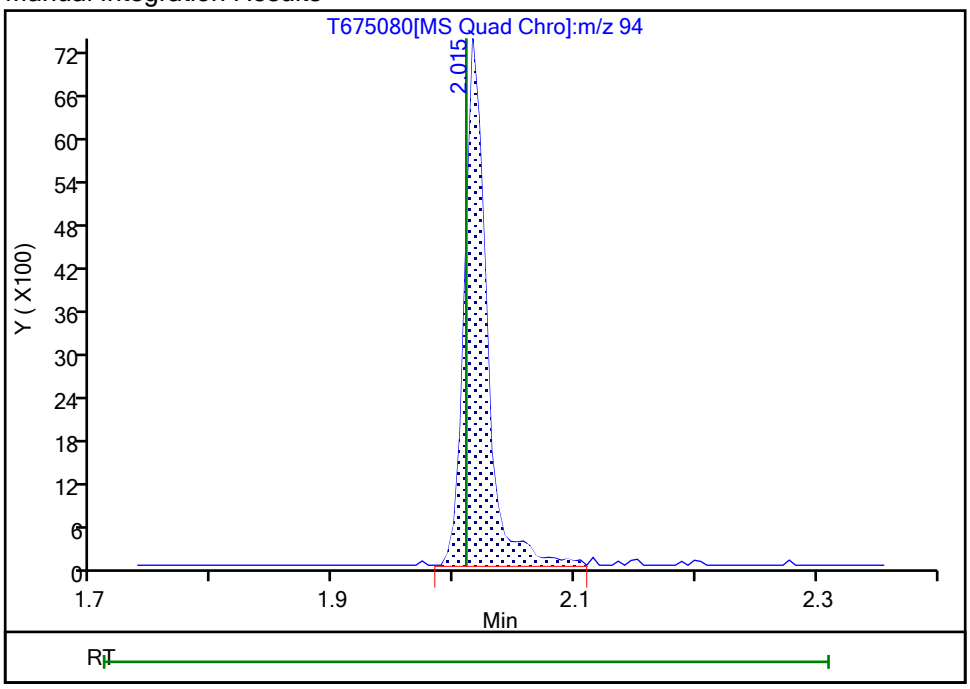
Processing Integration Results

RT: 2.02
Area: 8896
Amount: 5.563626
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 9419
Amount: 6.563364
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:40:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

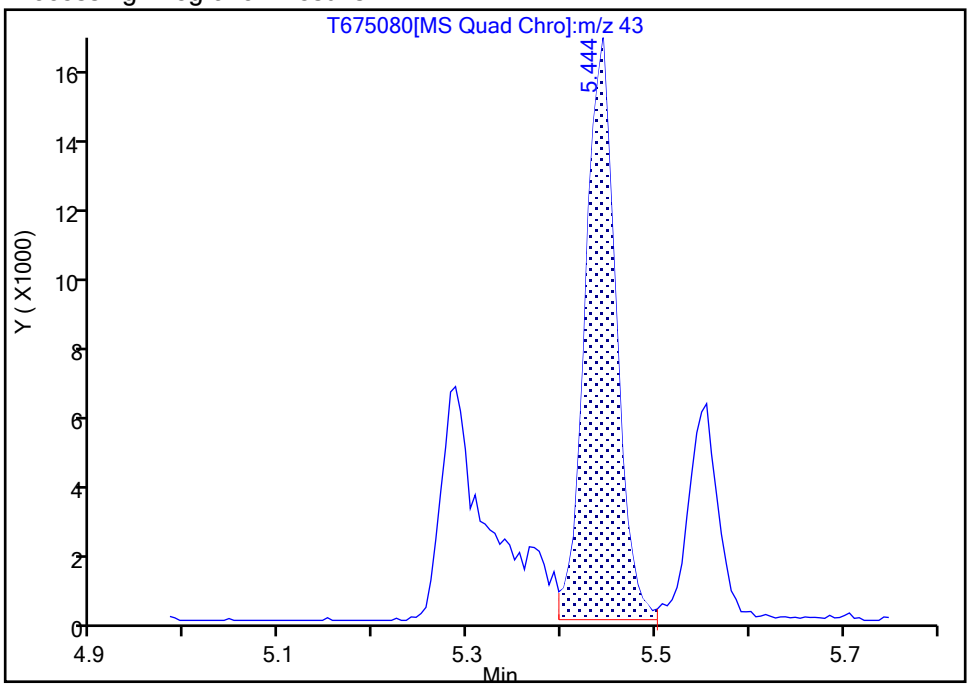
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675080.D
Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

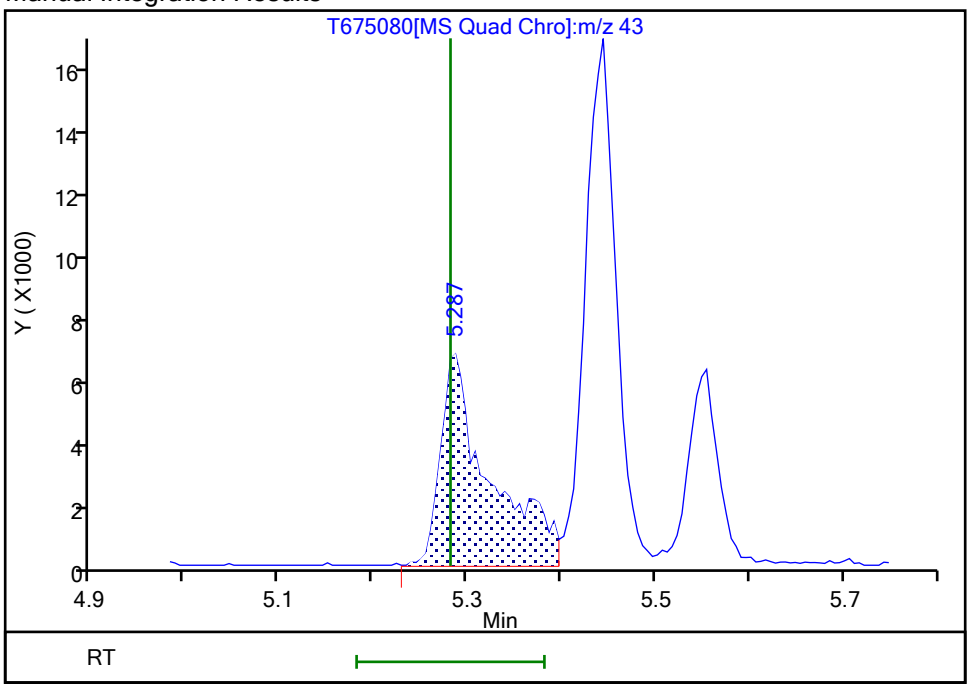
Processing Integration Results

RT: 5.44
Area: 36990
Amount: 125.0047
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 23576
Amount: 126.1941
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:33:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

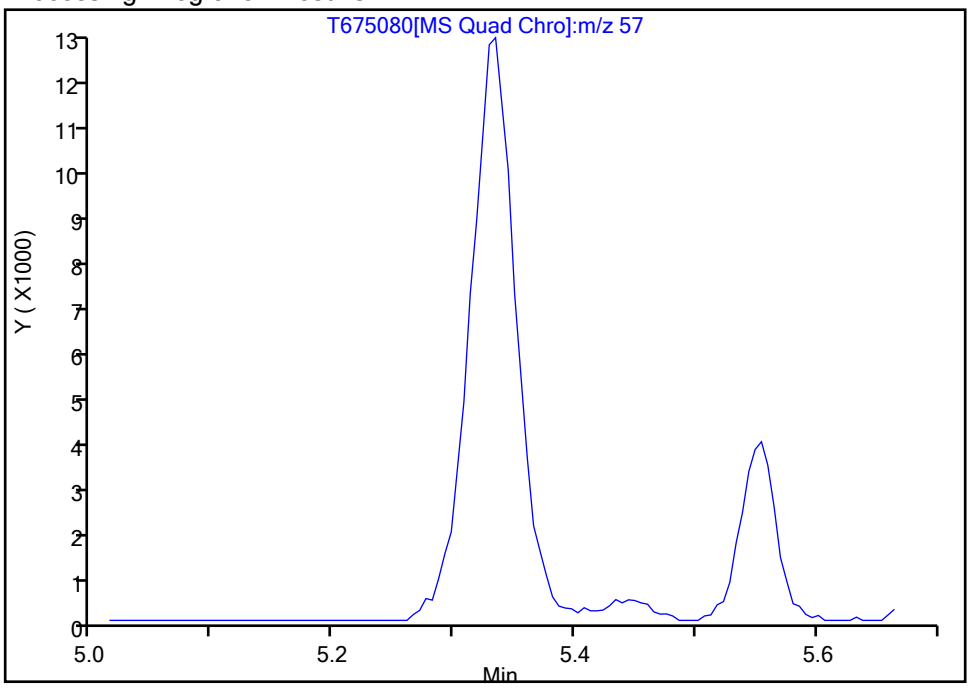
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Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

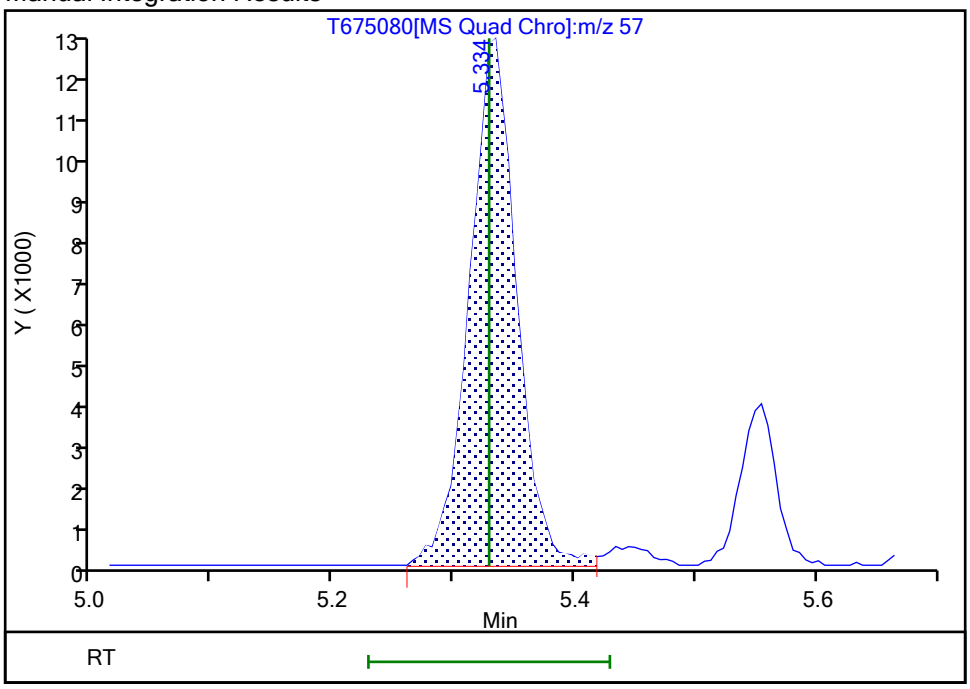
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 34890
Amount: 5.122668
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:33:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675081.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 13-Feb-2024 01:11:52 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0172222-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:00 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 14-Feb-2024 21:24:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	72	4233	20.0	21.8	
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	92	15753	20.0	20.3	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	34852	20.0	19.2	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	104433	20.0	20.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	13265	20.0	19.9	
6 Chloromethane	50	1.633	1.633	0.000	88	90937	20.0	19.2	
7 Vinyl chloride	62	1.716	1.716	0.000	83	116999	20.0	19.9	
8 Butadiene	54	1.743	1.743	0.000	88	97300	20.0	20.1	
9 Bromomethane	94	2.010	2.010	0.000	99	33060	20.0	21.6	
10 Chloroethane	64	2.104	2.104	0.000	98	58837	20.0	18.7	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	155778	20.0	19.5	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	99	122891	20.0	19.5	
13 Pentane	72	2.346	2.346	0.000	96	23532	40.0	39.4	
14 Ethanol	46	2.503	2.503	0.000	100	15183	800.0	763.2	
15 Ethyl ether	59	2.550	2.550	0.000	94	59440	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	92	54544	20.0	19.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	85	68104	20.0	19.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	109801	20.0	19.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	97	70923	20.0	20.3	
19 Acrolein	56	2.734	2.734	0.000	61	26154	40.0	38.1	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	95	75673	20.0	19.7	
22 Acetone	43	2.865	2.865	0.000	90	100609	100.0	87.4	
23 Iodomethane	142	2.928	2.928	0.000	99	90436	20.0	16.8	
25 Isopropyl alcohol	45	2.959	2.959	0.000	33	44454	200.0	196.5	
24 Carbon disulfide	76	2.959	2.959	0.000	98	251806	20.0	19.9	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	83	48969	20.0	21.3	
28 Methyl acetate	43	3.127	3.127	0.000	82	100548	40.0	41.2	
29 Cyclopentene	67	3.132	3.132	0.000	93	149275	20.0	19.6	
26 Acetonitrile	41	3.179	3.179	0.000	97	91596	200.0	193.9	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	97	66341	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	3.247	3.247	0.000	69	91074	20.0	19.7	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	79899	200.0	189.3	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	212176	20.0	20.5	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	81	85908	20.0	19.9	
33 Acrylonitrile	53	3.536	3.536	0.000	95	305065	200.0	205.7	
36 Hexane	57	3.630	3.630	0.000	86	76890	20.0	21.4	
40 Isopropyl ether	45	3.861	3.861	0.000	94	188118	20.0	20.8	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	99	137449	20.0	20.3	
38 Vinyl acetate	86	3.913	3.913	0.000	99	24584	40.0	40.4	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	84	71427	20.0	19.7	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	89	204085	20.0	20.7	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	87	360784	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	68	29937	20.0	20.7	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	89	96771	20.0	19.8	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	99	54558	100.0	91.9	
47 Ethyl acetate	70	4.511	4.511	0.000	97	18125	40.0	37.7	
48 Methyl acrylate	55	4.569	4.569	0.000	99	71753	20.0	21.2	
46 Propionitrile	54	4.647	4.647	0.000	99	120494	200.0	205.9	
49 Chlorobromomethane	128	4.736	4.736	0.000	74	50686	20.0	20.6	
51 Tetrahydrofuran	72	4.736	4.736	0.000	77	23711	40.0	39.4	
50 Methacrylonitrile	67	4.768	4.768	0.000	83	371585	200.0	204.8	
52 Chloroform	83	4.799	4.799	0.000	100	145230	20.0	20.2	
55 Cyclohexane	84	4.941	4.941	0.000	82	106778	20.0	20.5	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	95	121965	20.0	19.7	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	96	171401	50.0	49.9	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	112056	20.0	19.7	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	108609	20.0	19.9	
59 Isobutyl alcohol	43	5.282	5.282	0.000	95	103880	500.0	509.0	a
62 Isooctane	57	5.329	5.329	0.000	100	144939	20.0	21.0	a
60 Benzene	78	5.360	5.360	0.000	95	317801	20.0	20.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	153283	50.0	50.0	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	214451	20.0	20.7	
63 Isopropyl acetate	61	5.444	5.444	0.000	82	40033	20.0	20.5	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	97	93490	20.0	19.7	
66 n-Heptane	43	5.549	5.549	0.000	83	49243	20.0	20.5	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	561646	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	51346	500.0	514.1	
67 Trichloroethene	95	6.110	6.110	0.000	96	93820	20.0	20.5	
70 Methylcyclohexane	83	6.257	6.257	0.000	84	105013	20.0	20.2	
69 Ethyl acrylate	55	6.267	6.267	0.000	96	157970	20.0	20.6	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	93	78524	20.0	20.2	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	54645	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	78	46303	40.0	40.9	
74 1,4-Dioxane	88	6.587	6.587	0.000	64	23465	400.0	419.7	
72 Dibromomethane	93	6.603	6.603	0.000	94	57751	20.0	20.3	
76 n-Propyl acetate	43	6.629	6.629	0.000	94	90950	20.0	21.5	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	112751	20.0	20.2	
78 2-Nitropropane	41	7.190	7.190	0.000	87	31129	40.0	38.0	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	78	9508	20.0	28.6	
80 Epichlorohydrin	57	7.321	7.321	0.000	99	132399	400.0	413.7	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	81	139011	20.0	21.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	92	292014	100.0	100.9	

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	7.678	7.678	0.000	98	586810	50.0	50.8	
84 Toluene	91	7.772	7.772	0.000	91	348973	20.0	19.8	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	93	123749	20.0	21.1	
86 Ethyl methacrylate	69	8.249	8.249	0.000	84	94165	20.0	21.1	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	68655	20.0	20.6	
88 Tetrachloroethene	166	8.496	8.496	0.000	92	98782	20.0	20.4	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	87	125784	20.0	21.8	
90 2-Hexanone	43	8.805	8.805	0.000	91	207025	100.0	98.8	
93 n-Butyl acetate	43	8.947	8.947	0.000	96	87461	20.0	20.4	
91 Chlorodibromomethane	129	8.983	8.983	0.000	95	95897	20.0	20.4	
92 Ethylene Dibromide	107	9.162	9.162	0.000	98	86367	20.0	21.0	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	84	504423	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	230965	20.0	20.4	
97 Ethylbenzene	106	10.016	10.016	0.000	97	117537	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	57	85213	20.0	21.4	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	141725	20.0	19.8	
99 o-Xylene	106	10.850	10.850	0.000	95	141518	20.0	20.1	
101 n-Butyl acrylate	73	10.871	10.871	0.000	96	58519	20.0	20.5	
100 Styrene	104	10.902	10.902	0.000	96	232028	20.0	20.5	
102 Bromoform	173	11.217	11.217	0.000	97	74509	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	92	97396	20.0	20.9	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	339032	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	96	222599	50.0	49.7	
106 Bromobenzene	156	11.878	11.878	0.000	86	103646	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	96499	20.0	20.3	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	399031	20.0	20.2	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	94	30620	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	95	23984	20.0	21.3	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	261278	20.0	20.0	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	334800	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	264783	20.0	20.2	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	262495	20.0	20.3	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	94871	20.0	20.4	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	225908	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.000	97	276766	20.0	20.5	
118 sec-Butylbenzene	105	12.848	12.848	0.000	99	322286	20.0	20.2	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	172248	20.0	20.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	272818	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	283357	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	174992	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	275415	20.0	20.0	
124 Benzyl chloride	91	13.262	13.262	0.000	100	172551	20.0	20.2	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	91	289528	20.0	20.3	
127 p-Diethylbenzene	119	13.409	13.409	0.000	95	161941	20.0	19.8	
128 n-Butylbenzene	92	13.430	13.430	0.000	98	129138	20.0	20.4	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	160883	20.0	20.6	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	226379	20.0	19.9	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	88	25737	20.0	20.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	94	103219	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	89663	20.0	19.6	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	81	40449	20.0	18.7	
134 Naphthalene	128	15.092	15.092	0.000	99	237018	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	95	77610	20.0	19.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 137 Xylenes, Total	100				0		40.0	39.9	
S 140 Total BTEX	1				0		100.0	100.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00014	Amount Added:	20.00	Units: uL	
GASES Li_00571	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:01 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675081.D

Injection Date: 13-Feb-2024 01:11:52 Instrument ID: CVOAMS15

Lims ID: STD20

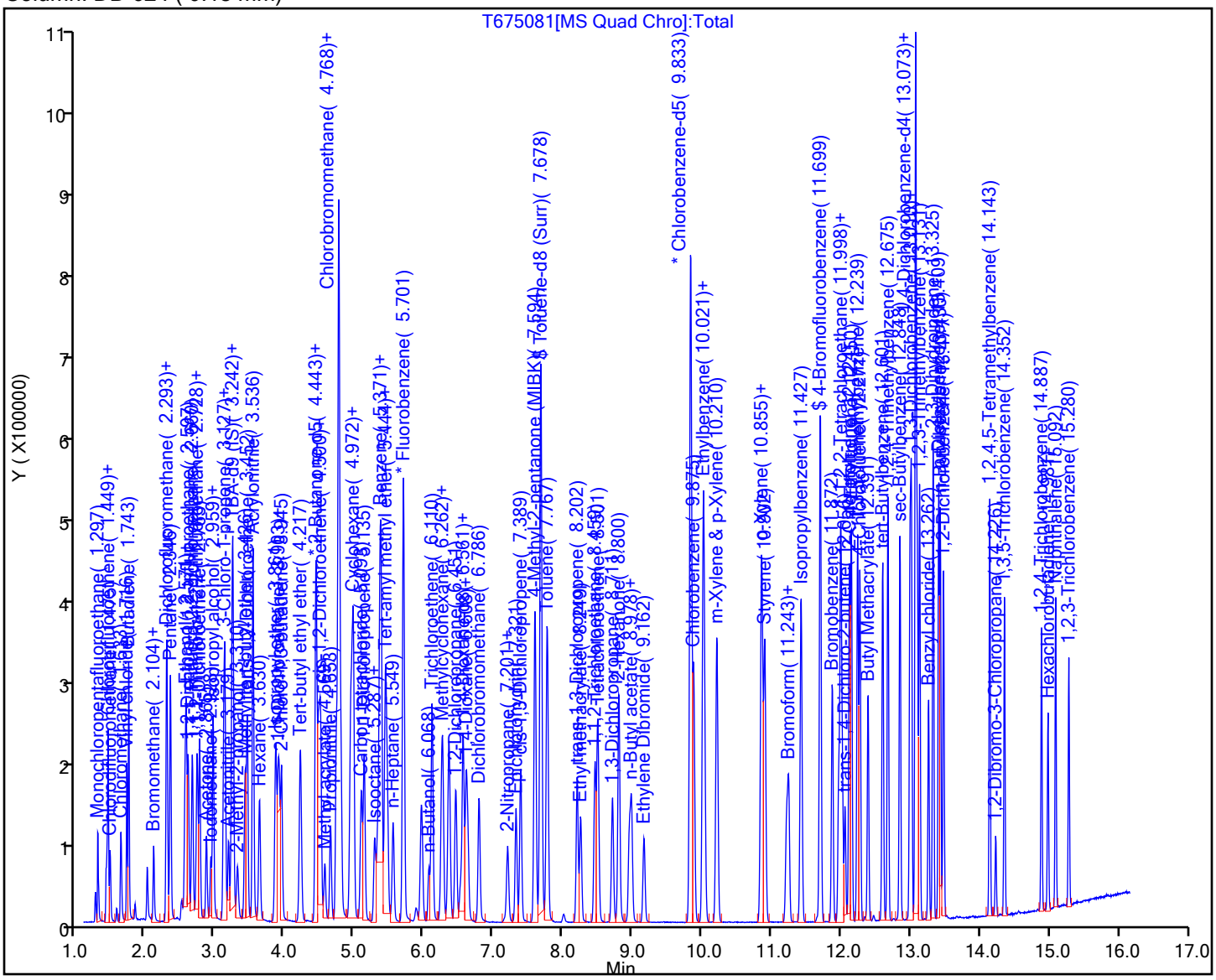
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

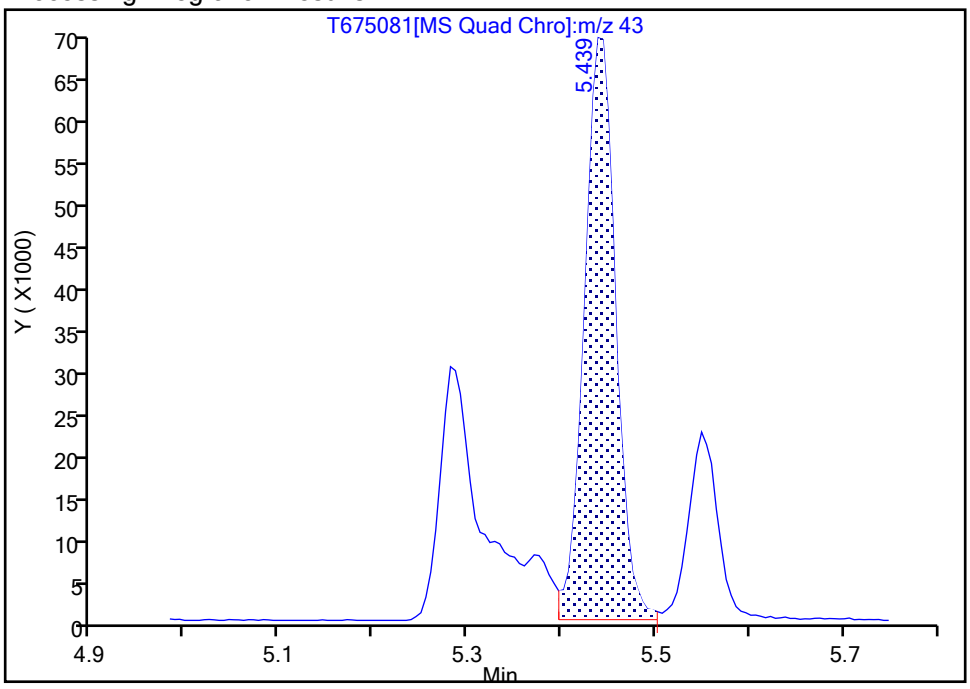
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Injection Date: 13-Feb-2024 01:11:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

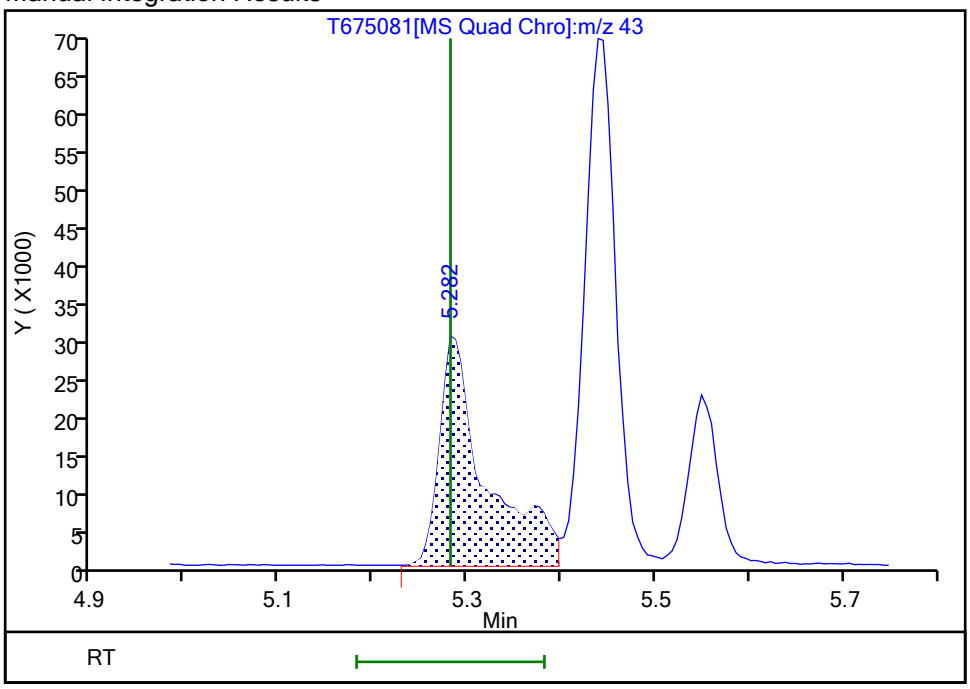
Processing Integration Results

RT: 5.44
Area: 162178
Amount: 500.0292
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 103880
Amount: 508.9799
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:34:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

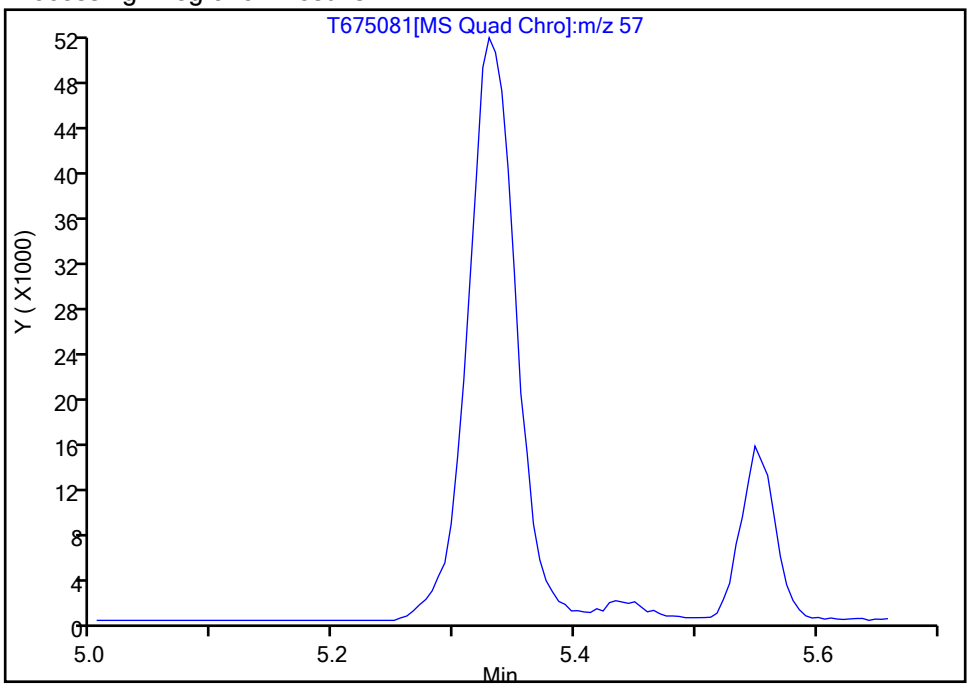
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Injection Date: 13-Feb-2024 01:11:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

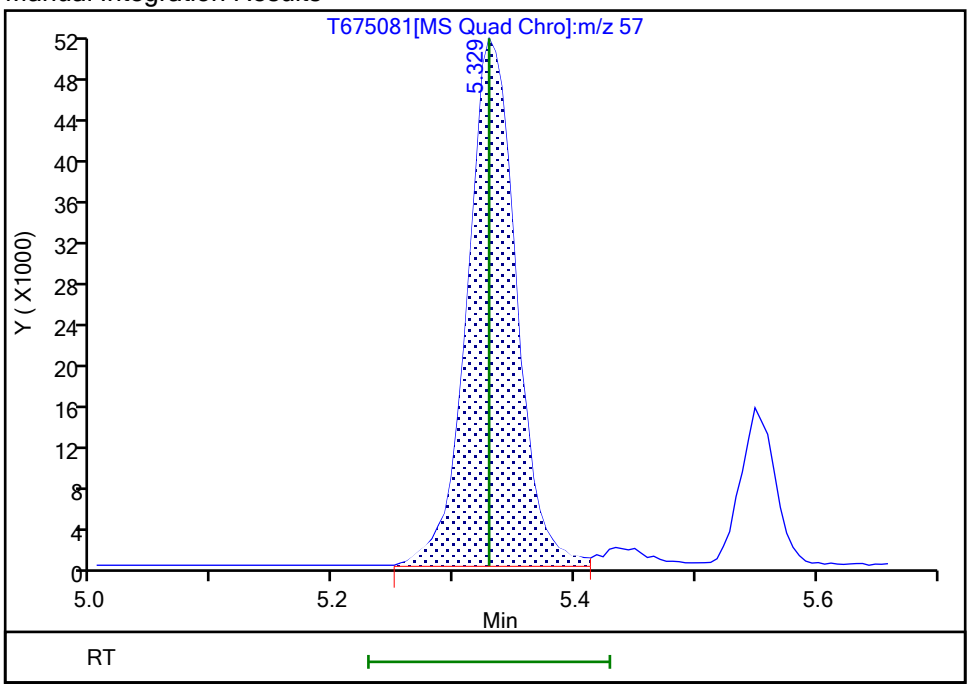
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 144939
Amount: 21.013164
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:34:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675082.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Feb-2024 01:34:41 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0172222-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:08 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 02:37:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	94	10680	50.0	53.8	
3 Chlorotrifluoroethene	116	1.417	1.418	-0.001	94	41845	50.0	52.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	85437	50.0	46.1	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	269389	50.0	51.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	33063	50.0	48.6	
6 Chloromethane	50	1.632	1.633	0.000	88	225591	50.0	46.6	
7 Vinyl chloride	62	1.716	1.716	0.000	98	291890	50.0	48.5	
8 Butadiene	54	1.748	1.743	0.005	88	242501	50.0	49.0	
9 Bromomethane	94	2.005	2.010	-0.005	98	83724	50.0	49.2	
10 Chloroethane	64	2.099	2.104	-0.005	96	154203	50.0	50.3	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	98	393545	50.0	48.2	
12 Trichlorofluoromethane	101	2.293	2.298	-0.005	86	325044	50.0	50.4	
13 Pentane	72	2.346	2.346	0.000	96	61991	100.0	101.6	
14 Ethanol	46	2.508	2.503	0.005	99	36030	2000.0	1885.0	
15 Ethyl ether	59	2.550	2.550	0.000	92	149958	50.0	49.8	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	91	142100	50.0	49.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.602	-0.005	93	170503	50.0	47.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	277352	50.0	47.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	97	182933	50.0	51.2	
19 Acrolein	56	2.733	2.734	-0.001	64	69950	100.0	99.6	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	94	191169	50.0	48.6	
22 Acetone	43	2.865	2.865	0.000	91	246695	250.0	219.6	
23 Iodomethane	142	2.927	2.928	-0.001	98	252407	50.0	46.5	
25 Isopropyl alcohol	45	2.959	2.959	0.000	32	105725	500.0	486.4	
24 Carbon disulfide	76	2.959	2.959	0.000	98	639962	50.0	49.4	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	84	118956	50.0	50.5	
28 Methyl acetate	43	3.127	3.127	0.000	79	253047	100.0	101.4	
29 Cyclopentene	67	3.132	3.132	0.000	95	381575	50.0	49.0	
26 Acetonitrile	41	3.184	3.179	0.005	99	220774	500.0	479.0	
* 31 TBA-d9 (IS)	66	3.237	3.232	0.005	95	63738	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	3.247	3.247	0.000	82	231144	50.0	48.8	
32 2-Methyl-2-propanol	59	3.315	3.310	0.005	98	194545	500.0	479.7	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	543945	50.0	51.3	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	91	220490	50.0	49.9	
33 Acrylonitrile	53	3.536	3.536	0.000	95	749078	500.0	494.1	
36 Hexane	57	3.625	3.630	-0.005	86	196072	50.0	53.3	
40 Isopropyl ether	45	3.861	3.861	0.000	95	480398	50.0	51.8	
37 1,1-Dichloroethane	63	3.892	3.898	-0.006	99	345096	50.0	50.0	
38 Vinyl acetate	86	3.918	3.913	0.005	99	53315	100.0	89.8	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	84	182219	50.0	49.1	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	91	523129	50.0	52.0	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	87	351974	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	87	72409	50.0	49.0	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	96	246283	50.0	49.2	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	99	138173	250.0	238.5	
47 Ethyl acetate	70	4.511	4.511	0.000	97	45303	100.0	96.5	
48 Methyl acrylate	55	4.569	4.569	0.000	99	176399	50.0	50.9	
46 Propionitrile	54	4.652	4.647	0.005	99	292685	500.0	489.0	
49 Chlorobromomethane	128	4.736	4.736	0.000	74	121819	50.0	48.4	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	83	58238	100.0	99.1	
50 Methacrylonitrile	67	4.773	4.768	0.005	81	931911	500.0	502.2	
52 Chloroform	83	4.799	4.799	0.000	100	362273	50.0	49.2	
55 Cyclohexane	84	4.941	4.941	0.000	84	268174	50.0	50.4	
54 1,1,1-Trichloroethane	97	4.962	4.957	0.005	91	312383	50.0	49.3	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	97	173215	50.0	49.3	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	286744	50.0	49.3	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	270637	50.0	48.6	
59 Isobutyl alcohol	43	5.287	5.282	0.005	96	258211	1250.0	1316.8	a
62 Isooctane	57	5.329	5.329	0.000	99	373900	50.0	53.0	a
60 Benzene	78	5.360	5.360	0.000	94	800557	50.0	50.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	74	154672	50.0	49.3	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	559059	50.0	52.7	
63 Isopropyl acetate	61	5.444	5.444	0.000	84	101196	50.0	50.8	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	97	237069	50.0	48.9	
66 n-Heptane	43	5.549	5.549	0.000	85	126611	50.0	51.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	574292	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	129950	1250.0	1354.3	
67 Trichloroethene	95	6.110	6.110	0.000	92	237330	50.0	50.6	
70 Methylcyclohexane	83	6.257	6.257	0.000	84	272117	50.0	51.3	
69 Ethyl acrylate	55	6.267	6.267	0.000	97	406623	50.0	51.9	
71 1,2-Dichloropropane	63	6.451	6.456	-0.005	93	198204	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	53640	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	79	119229	100.0	103.1	
74 1,4-Dioxane	88	6.592	6.587	0.005	49	55871	1000.0	1018.1	
72 Dibromomethane	93	6.603	6.603	0.000	94	149437	50.0	51.5	
76 n-Propyl acetate	43	6.629	6.629	0.000	95	220400	50.0	51.0	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	289407	50.0	50.8	
78 2-Nitropropane	41	7.190	7.190	0.000	89	77764	100.0	92.7	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	74	20766	50.1	61.7	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	318923	1000.0	1021.5	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	87	351360	50.0	51.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	91	746771	250.0	264.6	

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	7.678	7.678	0.000	98	603040	50.0	50.6	
84 Toluene	91	7.772	7.772	0.000	92	886612	50.0	48.8	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	93	317316	50.0	52.4	
86 Ethyl methacrylate	69	8.249	8.249	0.000	84	247838	50.0	53.8	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	95	174929	50.0	50.9	
88 Tetrachloroethene	166	8.501	8.496	0.005	98	252314	50.0	50.4	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	86	319717	50.0	53.7	
90 2-Hexanone	43	8.800	8.805	-0.005	90	522650	250.0	255.7	
93 n-Butyl acetate	43	8.952	8.947	0.005	96	224587	50.0	50.8	
91 Chlorodibromomethane	129	8.983	8.983	0.000	96	252720	50.0	51.9	
92 Ethylene Dibromide	107	9.162	9.162	0.000	98	221468	50.0	52.1	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	520759	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	592361	50.0	50.6	
97 Ethylbenzene	106	10.016	10.016	0.000	97	307006	50.0	50.4	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	57	221701	50.0	53.8	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	95	363204	50.0	49.2	
99 o-Xylene	106	10.855	10.850	0.005	95	362279	50.0	49.9	
101 n-Butyl acrylate	73	10.871	10.871	0.000	96	155371	50.0	52.8	
100 Styrene	104	10.902	10.902	0.000	97	603940	50.0	51.8	
102 Bromoform	173	11.217	11.217	0.000	97	191559	50.0	49.2	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	92	247421	50.0	52.0	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	870354	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	230818	50.0	49.9	
106 Bromobenzene	156	11.877	11.878	-0.001	87	265389	50.0	50.1	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	242766	50.0	49.8	
110 N-Propylbenzene	91	11.998	11.993	0.005	99	1023391	50.0	50.7	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	78312	50.0	51.6	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	94	59853	50.0	52.0	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	669702	50.0	50.2	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	855802	50.0	50.5	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	682653	50.0	51.0	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	669890	50.0	50.5	
115 Butyl Methacrylate	87	12.391	12.391	0.000	80	253134	50.0	53.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	575376	50.0	49.9	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	97	716543	50.0	51.9	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	820403	50.0	50.3	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	447479	50.0	50.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	94	703708	50.0	50.8	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	289912	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	449627	50.0	49.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	714402	50.0	50.8	
124 Benzyl chloride	91	13.262	13.262	0.000	99	441678	50.0	50.4	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	90	742436	50.0	50.8	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	94	421623	50.0	50.5	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	328124	50.0	50.6	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	407229	50.0	51.0	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	-0.001	97	590445	50.0	50.8	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	89	65129	50.0	50.5	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	270409	50.0	50.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	238187	50.0	50.8	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	81	104068	50.0	47.1	
134 Naphthalene	128	15.092	15.092	0.000	99	617832	50.0	50.9	

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	15.280	15.280	0.000	94	204241	50.0	50.5	
S 136 1,2-Dichloroethene, Total	100				0		100.0	99.1	
S 137 Xylenes, Total	100				0		100.0	99.1	
S 140 Total BTEX	1				0		250.0	248.3	
S 139 1,3-Dichloropropene, Total	1				0		100.0	103.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

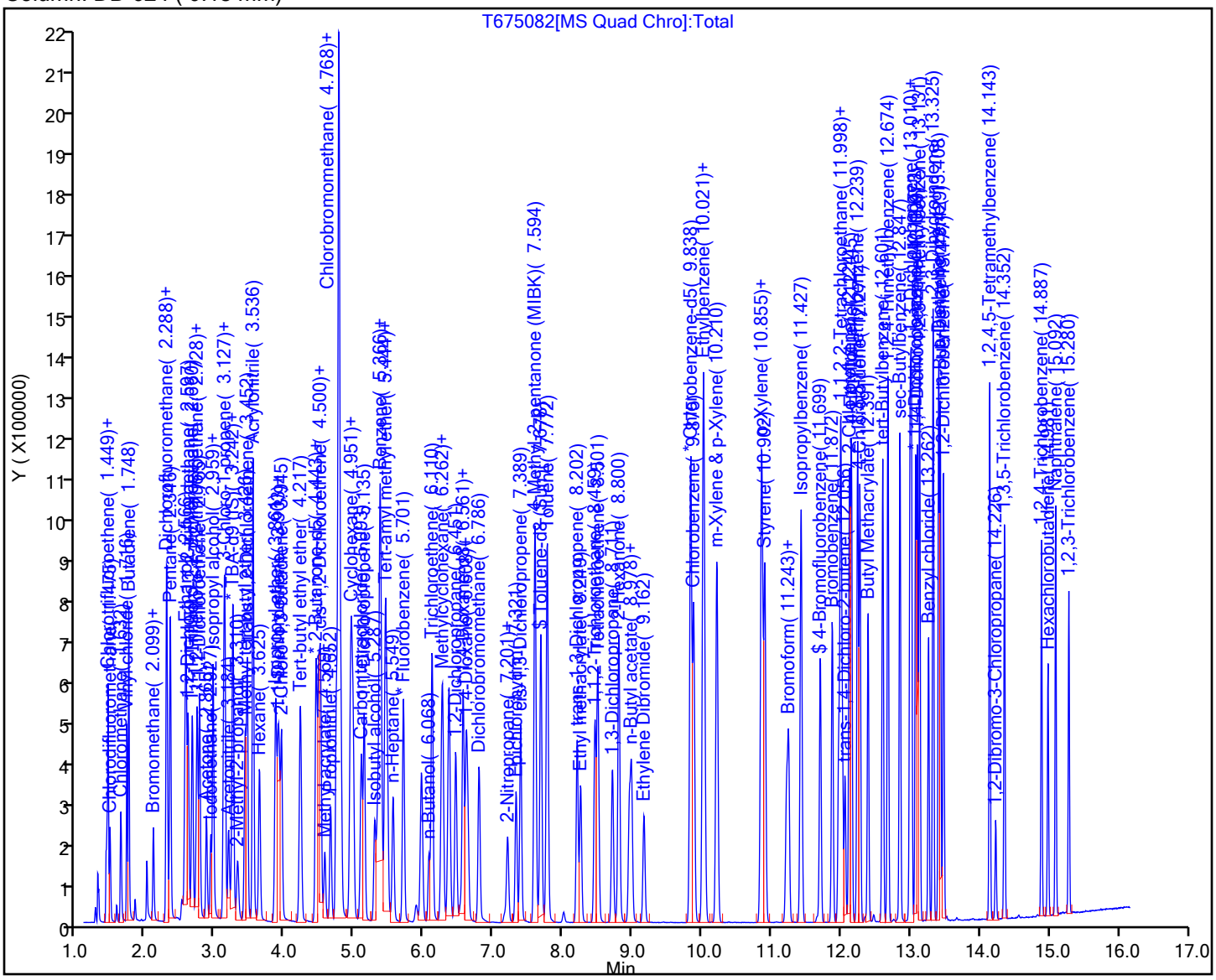
Reagents:

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GASES Li_00571	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00183	Amount Added: 50.00	Units: uL	
ACROLEIN W_00165	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00069	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:09 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675082.D
Injection Date: 13-Feb-2024 01:34:41 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

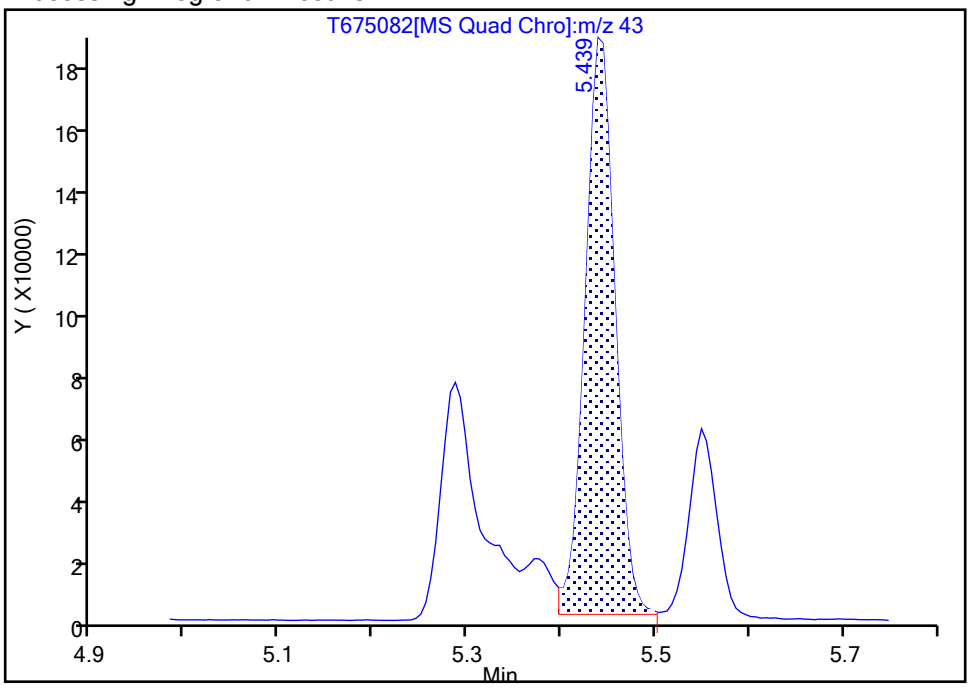
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Injection Date: 13-Feb-2024 01:34:41 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

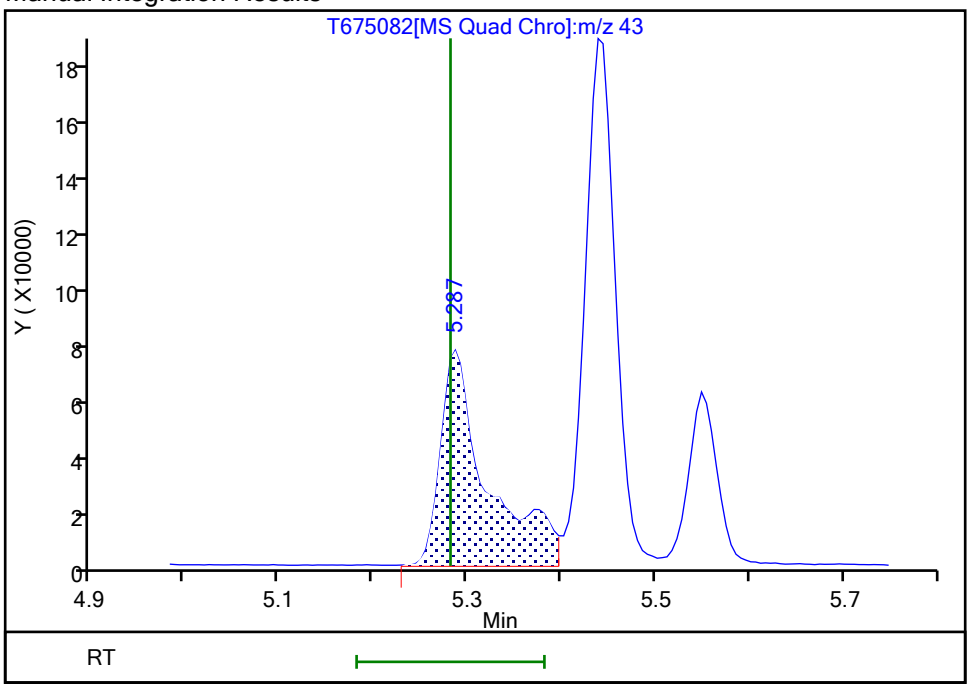
Processing Integration Results

RT: 5.44
Area: 403979
Amount: 1250.6812
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 258211
Amount: 1316.8219
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:36:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

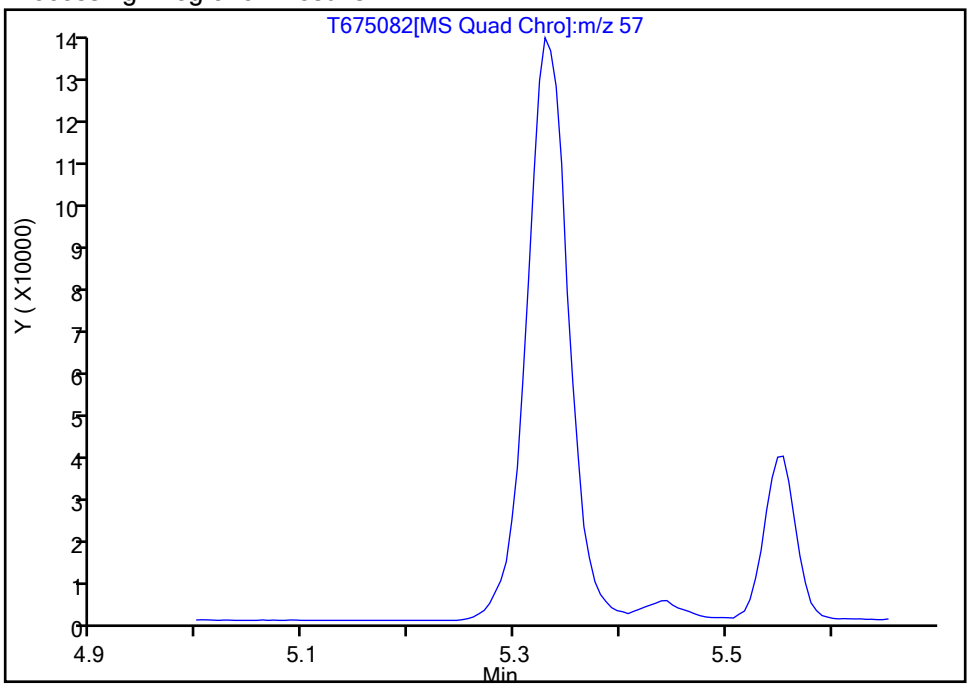
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675082.D
Injection Date: 13-Feb-2024 01:34:41 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

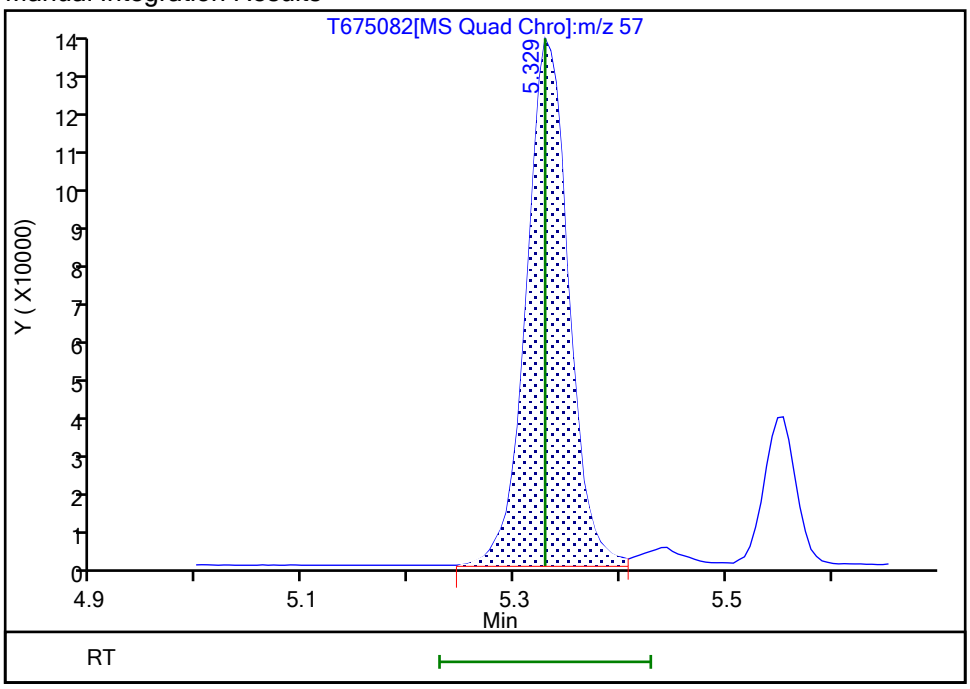
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 373900
Amount: 53.014119
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:36:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675083.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Feb-2024 01:57:32 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0172222-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:18 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: K0HS Date: 14-Feb-2024 13:18:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	93	29237	200.0	144.6	
3 Chlorotrifluoroethene	116	1.417	1.418	-0.001	88	142098	200.0	175.8	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	326878	200.0	173.1	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	947284	200.0	177.2	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	124012	200.0	178.9	
6 Chloromethane	50	1.632	1.633	0.000	99	983559	200.0	199.5	
7 Vinyl chloride	62	1.716	1.716	0.000	98	1165988	200.0	190.2	
8 Butadiene	54	1.742	1.743	-0.001	88	924979	200.0	183.4	
9 Bromomethane	94	2.010	2.010	0.000	99	503928	200.0	200.0	
10 Chloroethane	64	2.099	2.104	-0.005	96	628092	200.0	197.0	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	98	1668920	200.0	200.6	
12 Trichlorofluoromethane	101	2.293	2.298	-0.005	81	1271876	200.0	193.5	
13 Pentane	72	2.345	2.346	-0.001	95	218801	400.0	351.9	
14 Ethanol	46	2.508	2.503	0.005	99	155514	8000.0	7599.0	
15 Ethyl ether	59	2.550	2.550	0.000	93	616112	200.0	201.6	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	91	542582	200.0	184.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	91	686510	200.0	188.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	97	1131051	200.0	191.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	98	640081	200.0	175.9	
19 Acrolein	56	2.733	2.734	-0.001	50	155313	200.0	217.1	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	94	727336	200.0	181.5	
22 Acetone	43	2.864	2.865	-0.001	91	1362294	1000.0	1165.3	
23 Iodomethane	142	2.927	2.928	-0.001	99	1046974	200.0	202.2	
25 Isopropyl alcohol	45	2.959	2.959	0.000	33	448086	2000.0	1925.5	
24 Carbon disulfide	76	2.959	2.959	0.000	98	2436387	200.0	184.6	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	84	389118	200.0	162.2	
28 Methyl acetate	43	3.127	3.127	0.000	80	999700	400.0	393.1	
29 Cyclopentene	67	3.127	3.132	-0.005	96	1469123	200.0	185.1	
26 Acetonitrile	41	3.184	3.179	0.005	100	873417	2000.0	1820.7	
* 31 TBA-d9 (IS)	66	3.237	3.232	0.005	62	68243	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	3.247	3.247	0.000	82	916412	200.0	190.0	
32 2-Methyl-2-propanol	59	3.315	3.310	0.005	98	811868	2000.0	1869.7	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	2224519	200.0	205.9	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	80	873358	200.0	194.0	
33 Acrylonitrile	53	3.536	3.536	0.000	95	3117678	2000.0	2017.8	
36 Hexane	57	3.625	3.630	-0.005	85	659228	200.0	176.0	
40 Isopropyl ether	45	3.861	3.861	0.000	95	1950595	200.0	206.6	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	1353953	200.0	192.3	
38 Vinyl acetate	86	3.918	3.913	0.005	99	228070	400.0	368.9	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	86	748670	200.0	198.1	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	90	2182813	200.0	212.9	
* 42 2-Butanone-d5	46	4.443	4.438	0.005	60	366343	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	91	287364	200.0	190.9	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	94	1003423	200.0	196.6	
45 2-Butanone (MEK)	72	4.506	4.500	0.006	99	643913	1000.0	1067.8	
47 Ethyl acetate	70	4.511	4.511	0.000	97	203753	400.0	417.1	
48 Methyl acrylate	55	4.568	4.569	-0.001	99	736431	200.0	208.7	
46 Propionitrile	54	4.652	4.647	0.005	99	1229123	2000.0	2015.2	
49 Chlorobromomethane	128	4.736	4.736	0.000	75	490788	200.0	191.5	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	84	247307	400.0	404.3	
50 Methacrylonitrile	67	4.778	4.768	0.010	77	4239319	2000.0	2241.8	
52 Chloroform	83	4.804	4.799	0.005	99	1442576	200.0	192.3	
55 Cyclohexane	84	4.941	4.941	0.000	82	969451	200.0	179.0	
54 1,1,1-Trichloroethane	97	4.956	4.957	-0.001	97	1213523	200.0	188.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	53	176501	50.0	49.3	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	1122821	200.0	189.4	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	94	1051769	200.0	185.2	
59 Isobutyl alcohol	43	5.287	5.282	0.005	96	900170	5000.0	4287.6	a
62 Isooctane	57	5.334	5.329	0.005	100	1336764	200.0	186.0	a
60 Benzene	78	5.360	5.360	0.000	94	3203546	200.0	186.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	45	158990	50.0	49.7	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	2376176	200.0	219.8	
63 Isopropyl acetate	61	5.444	5.444	0.000	83	430814	200.0	212.1	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	97	945099	200.0	191.2	
66 n-Heptane	43	5.549	5.549	0.000	83	418137	200.0	166.6	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	585255	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	580936	5000.0	5654.6	
67 Trichloroethene	95	6.110	6.110	0.000	96	953027	200.0	199.6	
70 Methylcyclohexane	83	6.257	6.257	0.000	83	979346	200.0	181.1	
69 Ethyl acrylate	55	6.267	6.267	0.000	97	1642364	200.0	205.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	93	796856	200.0	197.1	
* 73 1,4-Dioxane-d8	96	6.529	6.524	0.005	4	59985	1000.0	1000.0	a
75 Methyl methacrylate	100	6.561	6.561	0.000	78	533062	400.0	452.1	
74 1,4-Dioxane	88	6.592	6.587	0.005	50	231897	4000.0	3778.7	
72 Dibromomethane	93	6.603	6.603	0.000	93	608659	200.0	205.7	
76 n-Propyl acetate	43	6.629	6.629	0.000	95	985945	200.0	223.7	
77 Dichlorobromomethane	83	6.786	6.786	0.000	98	1179041	200.0	203.1	
78 2-Nitropropane	41	7.195	7.190	0.005	90	344523	400.0	403.2	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	64	64159	200.5	194.2	
80 Epichlorohydrin	57	7.326	7.321	0.005	99	1279140	4000.0	3936.2	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	86	1433348	200.0	195.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	90	3121788	1000.0	1062.6	

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	7.678	7.678	0.000	98	619026	50.0	48.3	
84 Toluene	91	7.772	7.772	0.000	92	3572254	200.0	183.2	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	92	1316697	200.0	202.2	
86 Ethyl methacrylate	69	8.254	8.249	0.005	83	1046407	200.0	211.4	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	723448	200.0	195.9	
88 Tetrachloroethene	166	8.501	8.496	0.005	98	1023970	200.0	190.5	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	86	1320312	200.0	206.5	
90 2-Hexanone	43	8.805	8.805	0.000	89	2323129	1000.0	1091.9	
93 n-Butyl acetate	43	8.952	8.947	0.005	95	965844	200.0	203.4	
91 Chlorodibromomethane	129	8.983	8.983	0.000	97	1057015	200.0	202.3	
92 Ethylene Dibromide	107	9.167	9.162	0.005	98	915102	200.0	200.6	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	62	559415	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	2432207	200.0	193.4	
97 Ethylbenzene	106	10.016	10.016	0.000	97	1268681	200.0	194.0	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	54	923824	200.0	208.9	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	95	1469846	200.0	185.3	
99 o-Xylene	106	10.855	10.850	0.005	95	1493095	200.0	191.5	
101 n-Butyl acrylate	73	10.871	10.871	0.000	93	667377	200.0	211.1	
100 Styrene	104	10.902	10.902	0.000	97	2465662	200.0	196.7	
102 Bromoform	173	11.217	11.217	0.000	97	824425	200.0	197.1	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	91	1018472	200.0	207.3	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	3466233	200.0	186.7	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	236472	50.0	47.6	
106 Bromobenzene	156	11.877	11.878	-0.001	86	1109687	200.0	203.0	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	98	1014880	200.0	201.8	
110 N-Propylbenzene	91	11.998	11.993	0.005	100	4024284	200.0	193.0	
108 1,2,3-Trichloropropane	110	12.024	12.019	0.005	95	323627	200.0	206.7	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.056	0.005	94	241605	200.0	203.4	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	2697664	200.0	195.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	97	3434103	200.0	196.4	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	2724492	200.0	197.0	
113 4-Chlorotoluene	91	12.276	12.271	0.005	95	2671102	200.0	195.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	80	1082468	200.0	220.6	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	2300342	200.0	193.4	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	96	2882846	200.0	202.1	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	3229496	200.0	191.9	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	1883239	200.0	206.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	2816938	200.0	197.0	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.073	0.005	92	299297	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	1869867	200.0	201.0	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	97	3011920	200.0	207.4	
124 Benzyl chloride	91	13.262	13.262	0.000	100	1916896	200.0	212.0	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	3118001	200.0	206.6	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	95	1764592	200.0	204.7	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	1316444	200.0	196.7	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	1707241	200.0	207.0	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	2580582	200.0	215.1	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	89	284464	200.0	213.6	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	94	1192192	200.0	217.0	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	1021739	200.0	211.1	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	428296	200.0	187.9	
134 Naphthalene	128	15.091	15.092	-0.001	99	2677899	200.0	213.8	

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	15.280	15.280	0.000	95	872766	200.0	208.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	390.6	
S 137 Xylenes, Total	100				0		400.0	376.8	
S 140 Total BTEX	1				0		1000.0	940.1	
S 139 1,3-Dichloropropene, Total	1				0		400.0	397.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

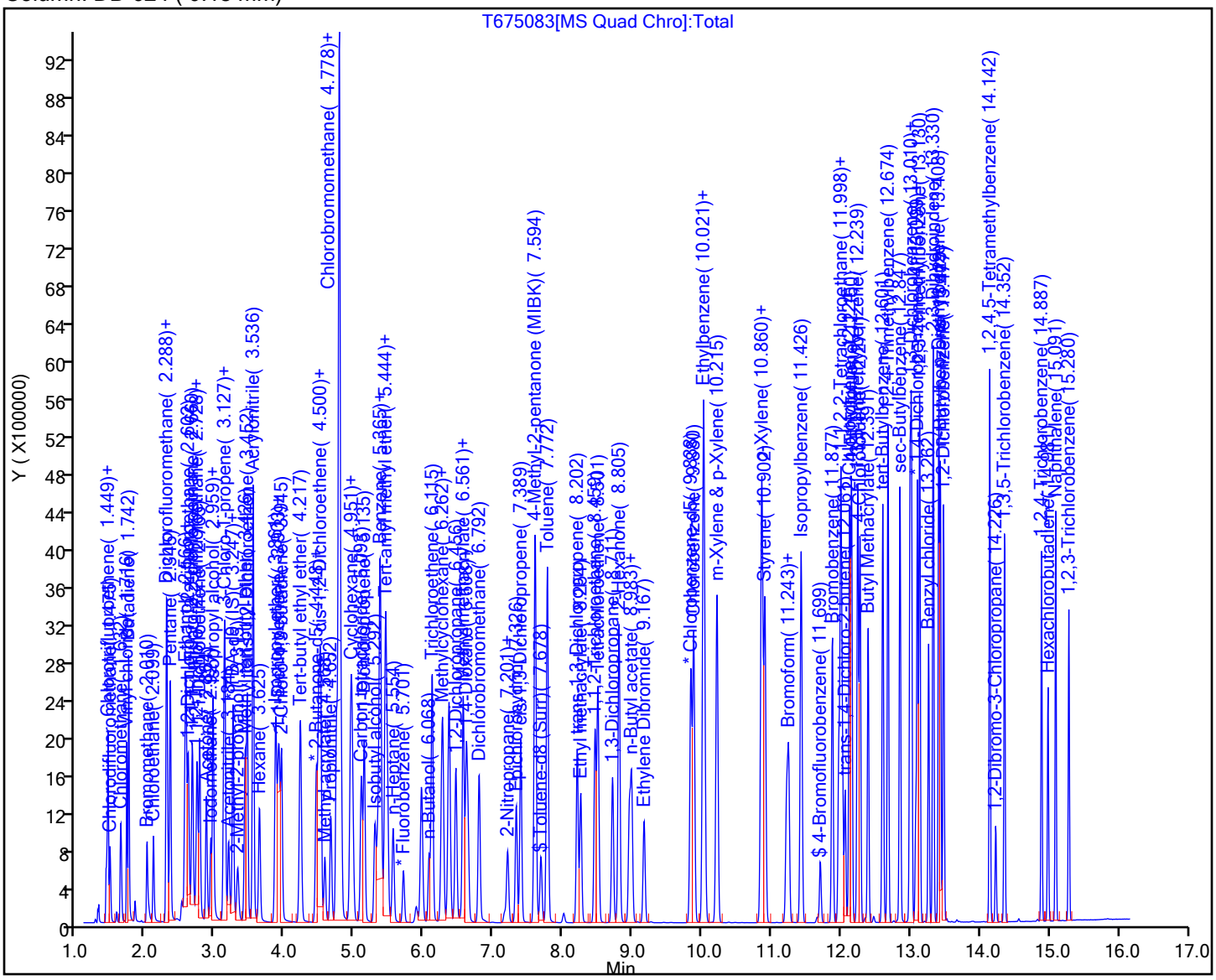
Reagents:

ACROLEIN W_00165	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00145	Amount Added:	20.00	Units: uL	
Ethanol mix_00086	Amount Added:	20.00	Units: uL	
MIX I Hi_00173	Amount Added:	20.00	Units: uL	
7 Freons Hi_00011	Amount Added:	20.00	Units: uL	
GAS Hi_00462	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:19 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675083.D
Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Eurofins Edison

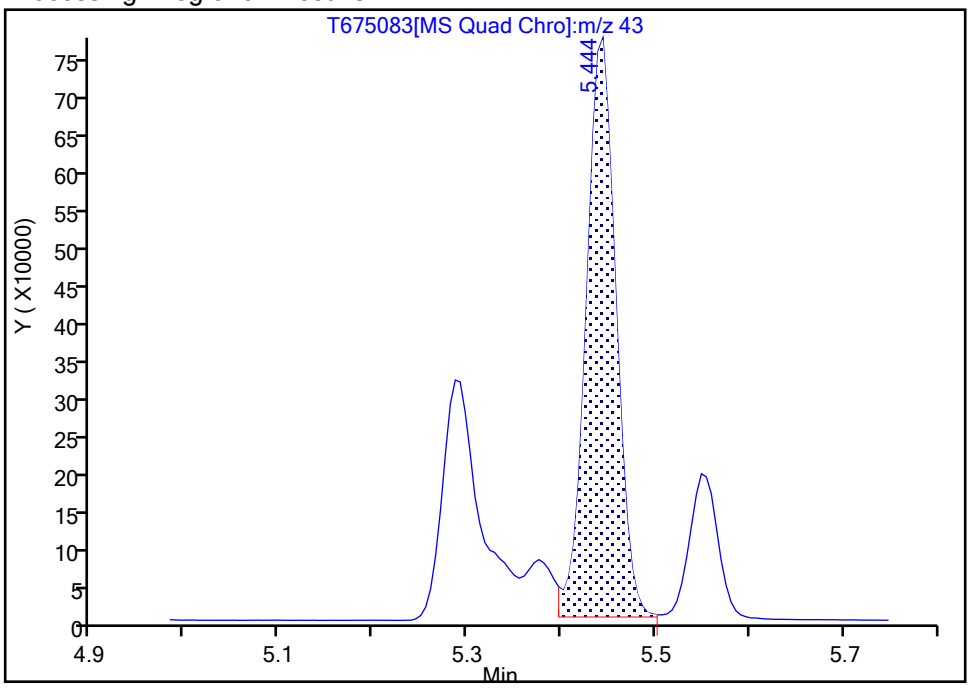
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Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

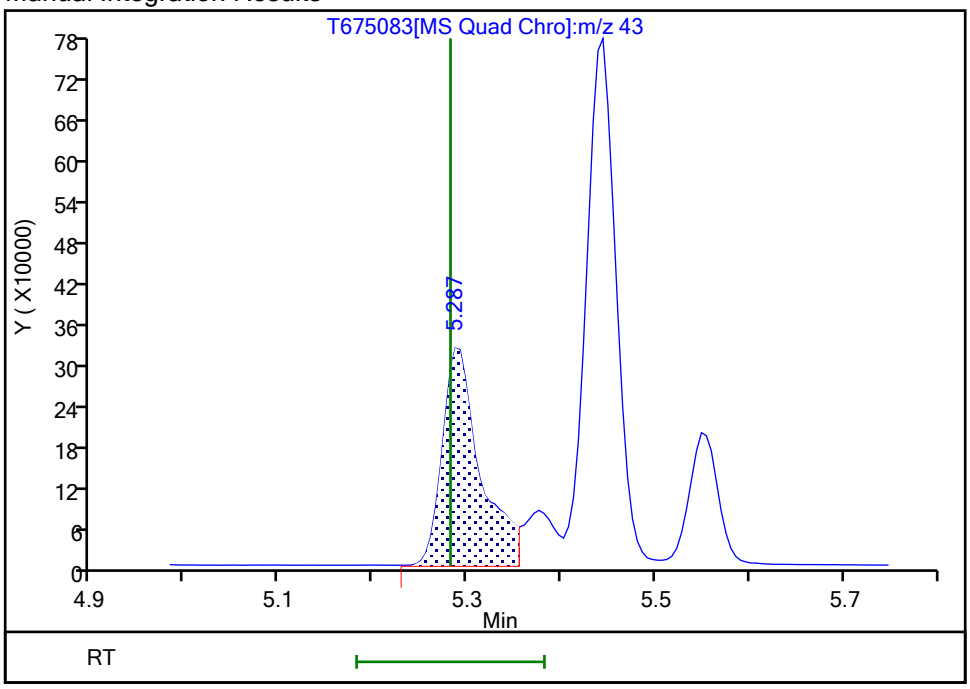
Processing Integration Results

RT: 5.44
Area: 1689836
Amount: 5000.3032
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 900170
Amount: 4287.6287
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:38:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

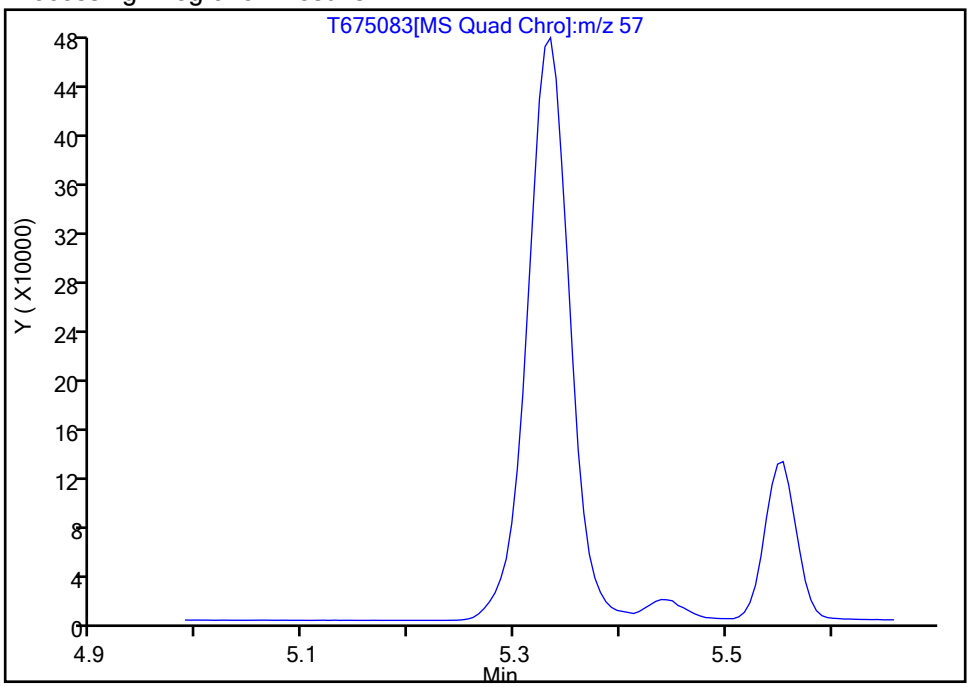
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Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

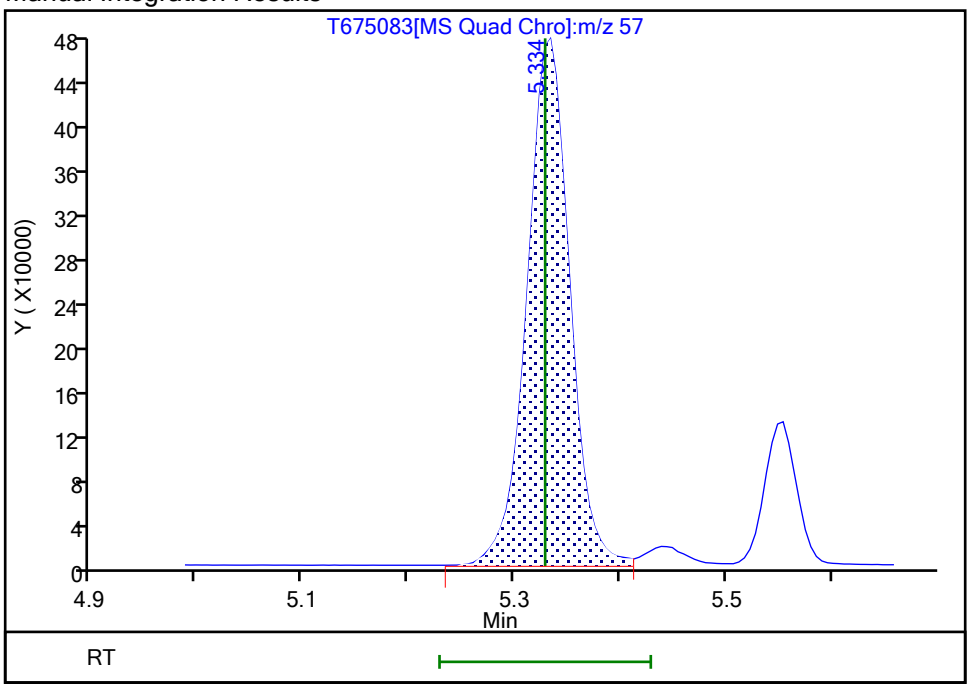
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 1336764
Amount: 185.9852
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:38:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

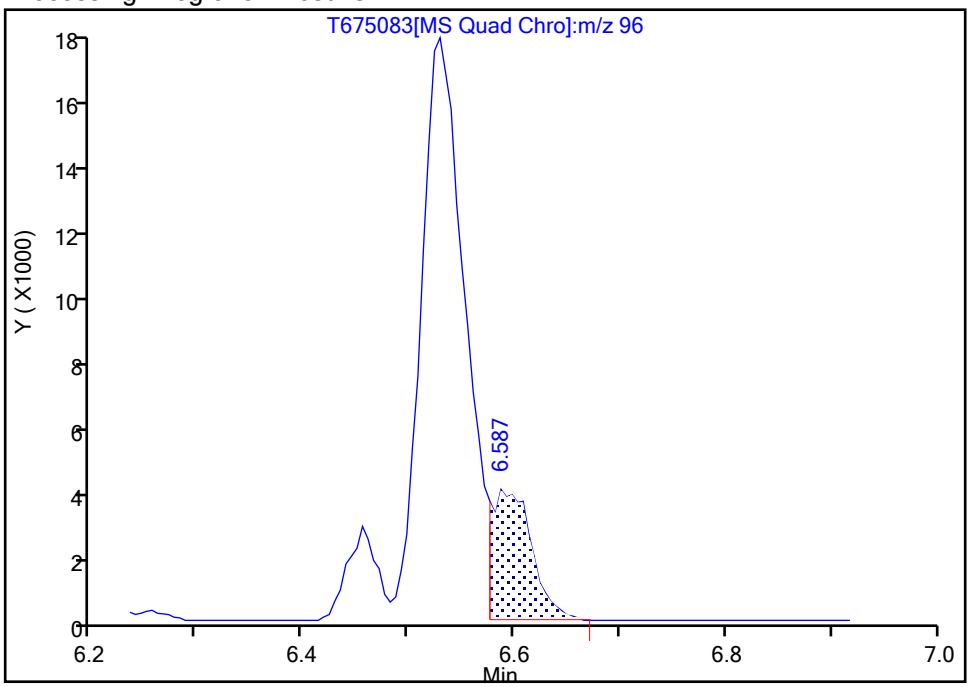
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675083.D
Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

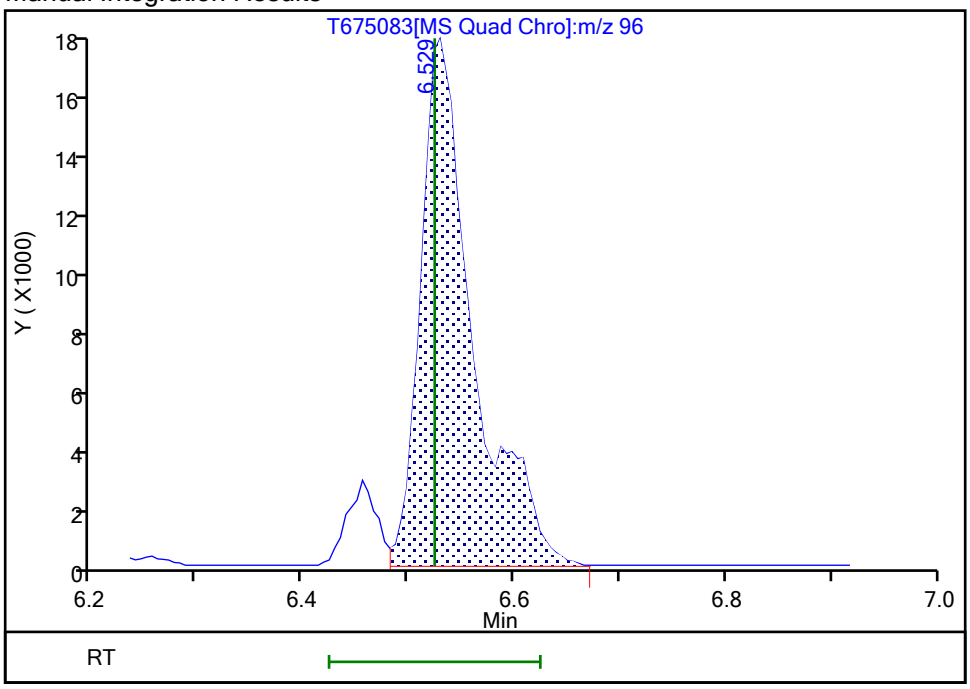
Processing Integration Results

RT: 6.59
Area: 10473
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 59985
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:54:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 13-Feb-2024 02:20:26 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0172222-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:29 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 02:54:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	92	89824	500.0	425.2	
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	92	477692	500.0	565.5	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	879689	500.0	445.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	2909867	500.0	521.1	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	325774	500.0	449.7	
6 Chloromethane	50	1.622	1.633	-0.010	99	2597803	500.0	504.4	
7 Vinyl chloride	62	1.716	1.716	0.000	98	3005161	500.0	469.2	
8 Butadiene	54	1.743	1.743	0.000	87	2462960	500.0	467.4	
9 Bromomethane	94	2.005	2.010	-0.005	98	730036	500.0	251.0	
10 Chloroethane	64	2.094	2.104	-0.010	98	1700588	500.0	560.6	
11 Dichlorofluoromethane	67	2.283	2.288	-0.005	97	4368197	500.0	502.5	
12 Trichlorofluoromethane	101	2.293	2.298	-0.005	99	3755493	500.0	547.0	
13 Pentane	72	2.340	2.346	-0.006	95	720356	1000.0	1109.1	
14 Ethanol	46	2.519	2.503	0.016	100	370036	20000	20233	a
15 Ethyl ether	59	2.550	2.550	0.000	92	1619734	500.0	507.9	
17 2-Methyl-1,3-butadiene	53	2.566	2.571	-0.005	90	1556539	500.0	506.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.602	-0.005	91	1855051	500.0	487.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	96	3007828	500.0	488.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	99	1984371	500.0	522.0	
19 Acrolein	56	2.734	2.734	0.000	44	314059	400.0	420.2	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	92	2000299	500.0	477.8	
22 Acetone	43	2.865	2.865	0.000	92	3374355	2500.0	3034.4	
23 Iodomethane	142	2.922	2.928	-0.006	99	2348954	500.0	499.6	
25 Isopropyl alcohol	45	2.964	2.959	0.005	32	1030441	5000.0	4954.7	
24 Carbon disulfide	76	2.959	2.959	0.000	98	6399031	500.0	464.1	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	82	1007806	500.0	402.1	
28 Methyl acetate	43	3.127	3.127	0.000	77	2563820	1000.0	964.9	
29 Cyclopentene	67	3.127	3.132	-0.005	96	4097030	500.0	494.0	
26 Acetonitrile	41	3.184	3.179	0.005	99	2085293	5000.0	4569.7	
* 31 TBA-d9 (IS)	66	3.247	3.232	0.015	32	60987	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	3.247	3.247	0.000	79	2405886	500.0	477.4	
32 2-Methyl-2-propanol	59	3.321	3.310	0.011	98	1725011	5000.0	4445.2	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	5684332	500.0	503.5	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	88	2333799	500.0	496.2	
33 Acrylonitrile	53	3.541	3.536	0.005	94	7730549	5000.0	4789.1	
36 Hexane	57	3.625	3.630	-0.005	85	2015575	500.0	515.0	
40 Isopropyl ether	45	3.861	3.861	0.000	94	4894174	500.0	496.1	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	3546249	500.0	482.1	
38 Vinyl acetate	86	3.918	3.913	0.005	99	554452	1000.0	942.9	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	2035118	500.0	515.5	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	91	5539279	500.0	517.1	
* 42 2-Butanone-d5	46	4.443	4.438	0.005	52	348488	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	91	745929	500.0	474.3	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	93	2702261	500.0	506.7	
45 2-Butanone (MEK)	72	4.506	4.500	0.006	100	1699079	2500.0	2962.0	
47 Ethyl acetate	70	4.511	4.511	0.000	97	535560	1000.0	1152.4	
48 Methyl acrylate	55	4.569	4.569	0.000	99	1804304	500.0	489.3	
46 Propionitrile	54	4.663	4.647	0.016	99	3009012	5000.0	4722.2	
49 Chlorobromomethane	128	4.742	4.736	0.006	72	1366211	500.0	510.3	
51 Tetrahydrofuran	72	4.736	4.736	0.000	76	625240	1000.0	1074.5	
50 Methacrylonitrile	67	4.789	4.768	0.021	70	10139929	5000.0	5132.6	
52 Chloroform	83	4.810	4.799	0.011	99	3760873	500.0	479.8	
55 Cyclohexane	84	4.941	4.941	0.000	80	2970392	500.0	524.9	
54 1,1,1-Trichloroethane	97	4.962	4.957	0.005	96	3314199	500.0	491.5	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.978	0.005	42	186308	50.0	49.8	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	3162804	500.0	510.7	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	93	2875702	500.0	484.6	
59 Isobutyl alcohol	43	5.297	5.282	0.015	94	2350694	12500	12529	
62 Isooctane	57	5.334	5.329	0.005	99	4098070	500.0	545.8	a
60 Benzene	78	5.366	5.360	0.006	94	8359136	500.0	449.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.381	0.006	35	160275	50.0	48.0	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	84	6049796	500.0	535.7	
63 Isopropyl acetate	61	5.444	5.444	0.000	81	1098127	500.0	517.5	
61 1,2-Dichloroethane	62	5.476	5.470	0.006	97	2271096	500.0	439.7	
66 n-Heptane	43	5.554	5.549	0.005	81	1258132	500.0	480.0	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	611432	50.0	50.0	
68 n-Butanol	56	6.079	6.068	0.011	79	1419357	12500	15459	
67 Trichloroethene	95	6.115	6.110	0.005	95	2597958	500.0	520.8	
70 Methylcyclohexane	83	6.257	6.257	0.000	88	3015159	500.0	533.7	
69 Ethyl acrylate	55	6.267	6.267	0.000	96	4364040	500.0	522.8	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	93	2080842	500.0	492.7	
* 73 1,4-Dioxane-d8	96	6.535	6.524	0.011	10	66148	1000.0	1000.0	a
75 Methyl methacrylate	100	6.561	6.561	0.000	77	1377052	1000.0	1117.9	
74 1,4-Dioxane	88	6.598	6.587	0.011	46	552592	10000	8165.5	
72 Dibromomethane	93	6.608	6.603	0.005	92	1363017	500.0	440.9	
76 n-Propyl acetate	43	6.634	6.629	0.005	94	2262830	500.0	491.4	
77 Dichlorobromomethane	83	6.792	6.786	0.006	98	3116072	500.0	513.8	
78 2-Nitropropane	41	7.201	7.190	0.011	88	850131	1000.0	952.3	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	61	157799	501.2	502.3	
80 Epichlorohydrin	57	7.326	7.321	0.005	98	2624778	10000	8490.8	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	85	3707520	500.0	468.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.594	0.005	88	7276625	2500.0	2603.6	

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	7.683	7.678	0.005	98	646189	50.0	46.7	
84 Toluene	91	7.772	7.772	0.000	94	9156918	500.0	434.5	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	92	3370766	500.0	479.1	
86 Ethyl methacrylate	69	8.255	8.249	0.006	82	2640743	500.0	493.7	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	1863093	500.0	466.9	
88 Tetrachloroethene	166	8.501	8.496	0.005	98	2815798	500.0	484.7	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	85	3331682	500.0	482.1	
90 2-Hexanone	43	8.805	8.805	0.000	87	5486725	2500.0	2711.0	
93 n-Butyl acetate	43	8.952	8.947	0.005	94	2296091	500.0	447.5	
91 Chlorodibromomethane	129	8.989	8.983	0.006	97	2732967	500.0	484.0	
92 Ethylene Dibromide	107	9.167	9.162	0.005	99	2340368	500.0	474.7	
* 94 Chlorobenzene-d5	117	9.838	9.833	0.005	46	604482	50.0	50.0	a
95 Chlorobenzene	112	9.880	9.880	0.000	98	6288609	500.0	462.7	
97 Ethylbenzene	106	10.021	10.016	0.005	96	3425765	500.0	484.7	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	58	2433000	500.0	509.0	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	95	3941919	500.0	459.8	
99 o-Xylene	106	10.860	10.850	0.010	96	4057825	500.0	481.7	
101 n-Butyl acrylate	73	10.871	10.871	0.000	77	1702238	500.0	498.2	
100 Styrene	104	10.908	10.902	0.006	96	6365235	500.0	470.0	
102 Bromoform	173	11.222	11.217	0.005	98	2182109	500.0	482.9	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	90	2426680	500.0	466.1	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	9024750	500.0	450.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	250994	50.0	46.7	
106 Bromobenzene	156	11.878	11.878	0.000	86	2980569	500.0	514.4	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.967	0.005	98	2613177	500.0	490.3	
110 N-Propylbenzene	91	12.003	11.993	0.010	99	10202780	500.0	461.6	
108 1,2,3-Trichloropropane	110	12.024	12.019	0.005	95	829860	500.0	500.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.056	0.005	94	589885	500.0	468.6	
111 2-Chlorotoluene	91	12.124	12.124	0.000	95	7108874	500.0	487.1	
112 4-Ethyltoluene	105	12.155	12.150	0.005	96	8740020	500.0	471.7	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	7050461	500.0	481.1	
113 4-Chlorotoluene	91	12.276	12.271	0.005	95	6892890	500.0	475.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	79	2823975	500.0	543.0	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	6135214	500.0	486.6	
117 1,2,4-Trimethylbenzene	105	12.680	12.675	0.006	96	7335109	500.0	485.2	
118 sec-Butylbenzene	105	12.853	12.848	0.005	97	8265078	500.0	463.5	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	97	4951203	500.0	512.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	7200014	500.0	475.1	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.073	0.005	92	317204	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	95	4858750	500.0	492.8	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	96	7465502	500.0	485.0	
124 Benzyl chloride	91	13.262	13.262	0.000	100	4742432	500.0	494.9	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	7636321	500.0	477.5	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	94	4592117	500.0	502.5	
128 n-Butylbenzene	92	13.435	13.430	0.005	98	3446701	500.0	486.0	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	98	4381807	500.0	501.2	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	6508391	500.0	511.9	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	85	729435	500.0	516.9	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	3110902	500.0	534.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	2711029	500.0	528.5	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	1149809	500.0	476.0	
134 Naphthalene	128	15.092	15.092	0.000	98	6589413	500.0	496.4	

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	15.280	15.280	0.000	94	2280332	500.0	514.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1002.9	
S 137 Xylenes, Total	100				0		1000.0	941.5	
S 140 Total BTEX	1				0		2500.0	2310.4	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	947.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00165	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00145	Amount Added:	50.00	Units: uL	
Ethanol mix_00086	Amount Added:	50.00	Units: uL	
MIX I Hi_00173	Amount Added:	50.00	Units: uL	
7 Freons Hi_00011	Amount Added:	50.00	Units: uL	
GAS Hi_00462	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:30 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15

Lims ID: STD500

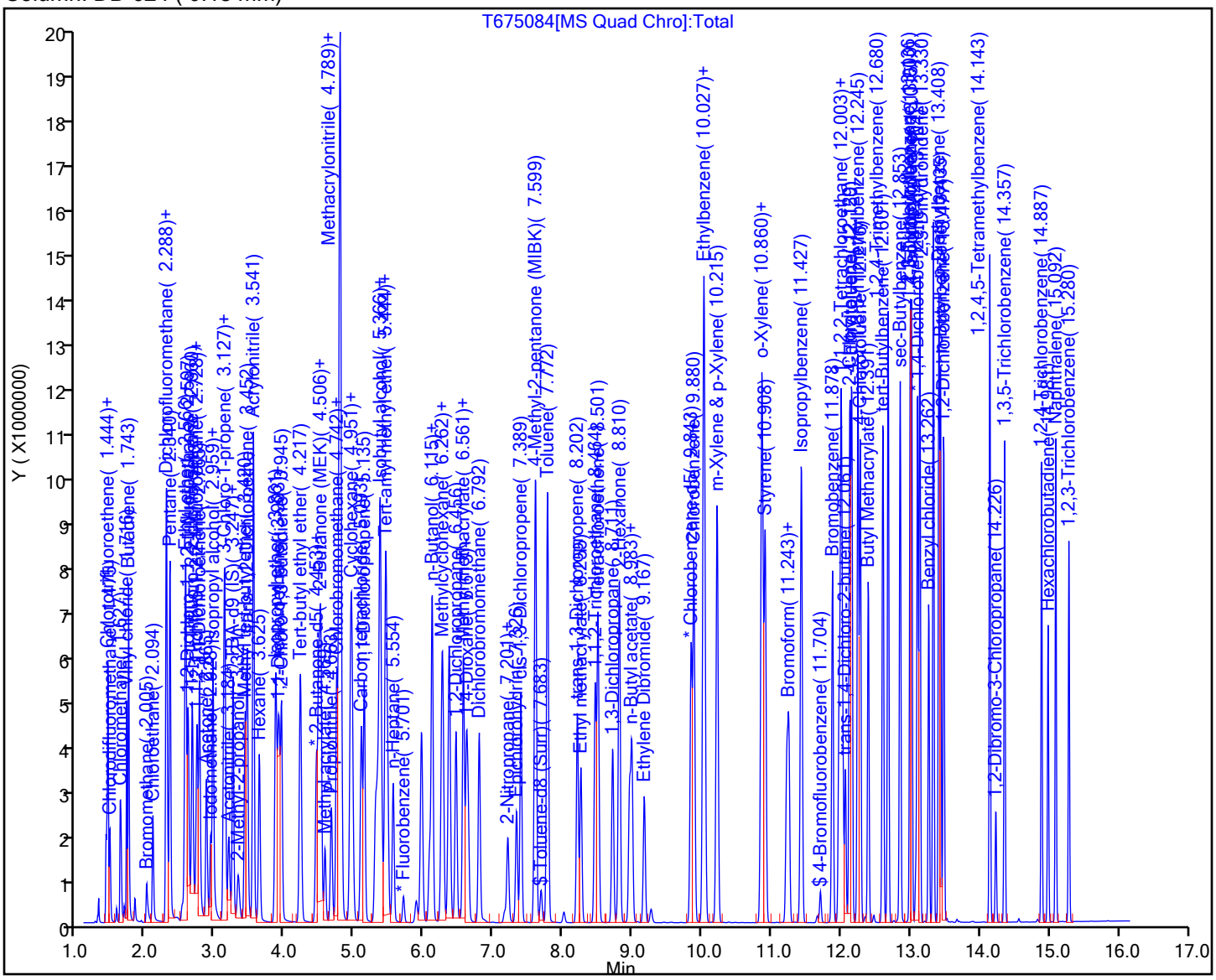
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

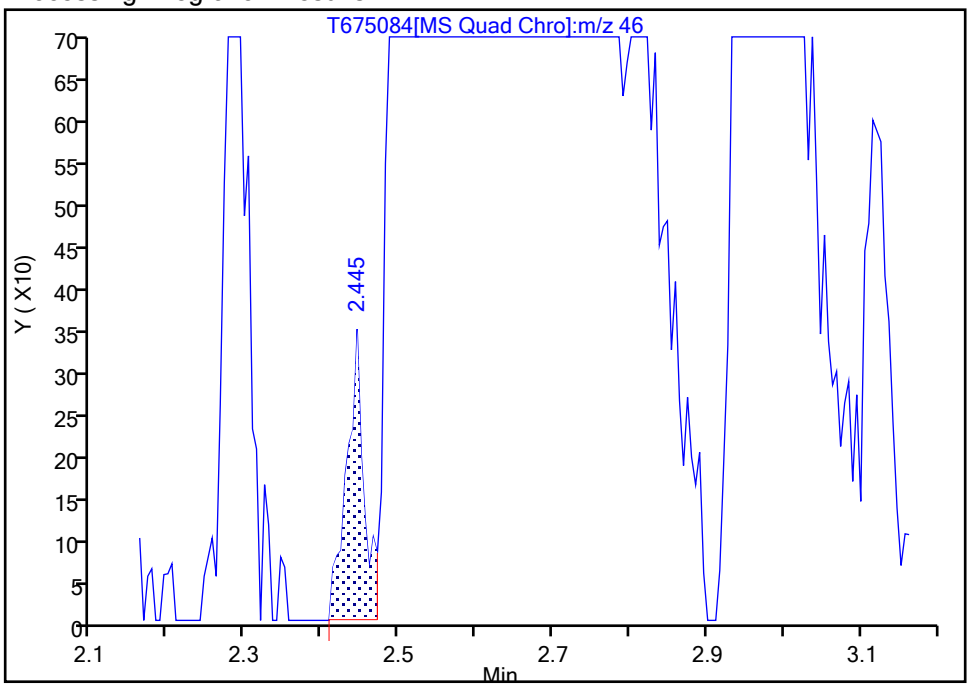
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Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

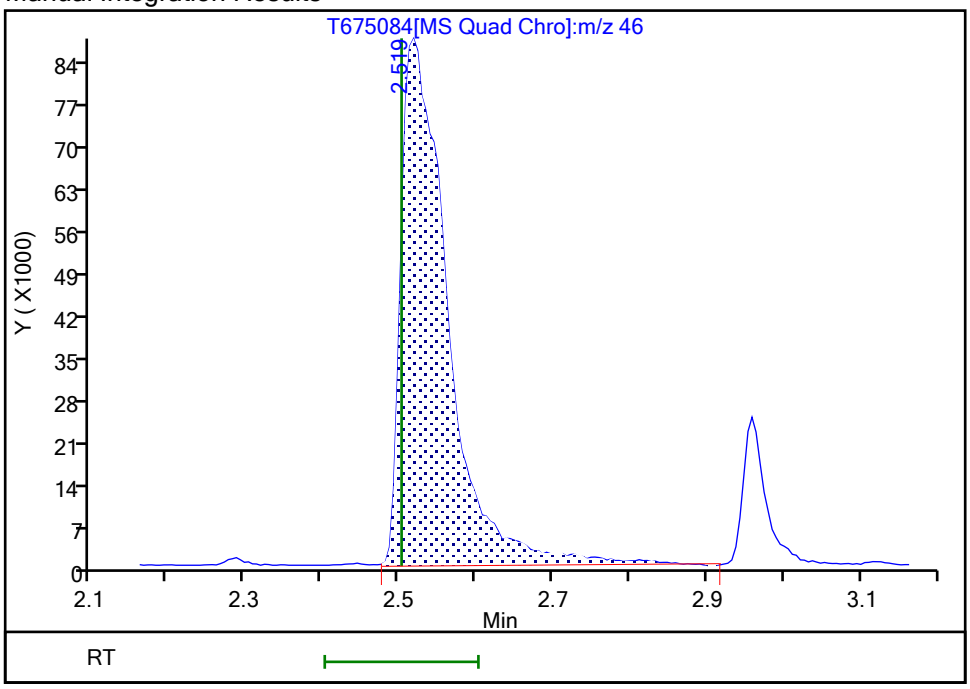
Processing Integration Results

RT: 2.45
Area: 553
Amount: 35.335699
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 370036
Amount: 20233
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:56:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

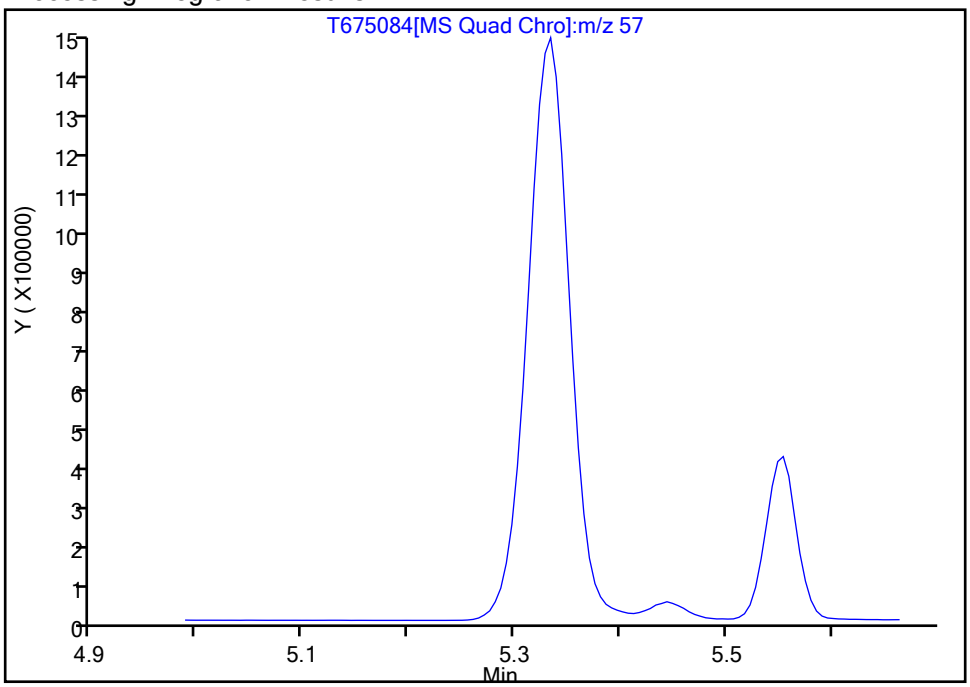
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Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

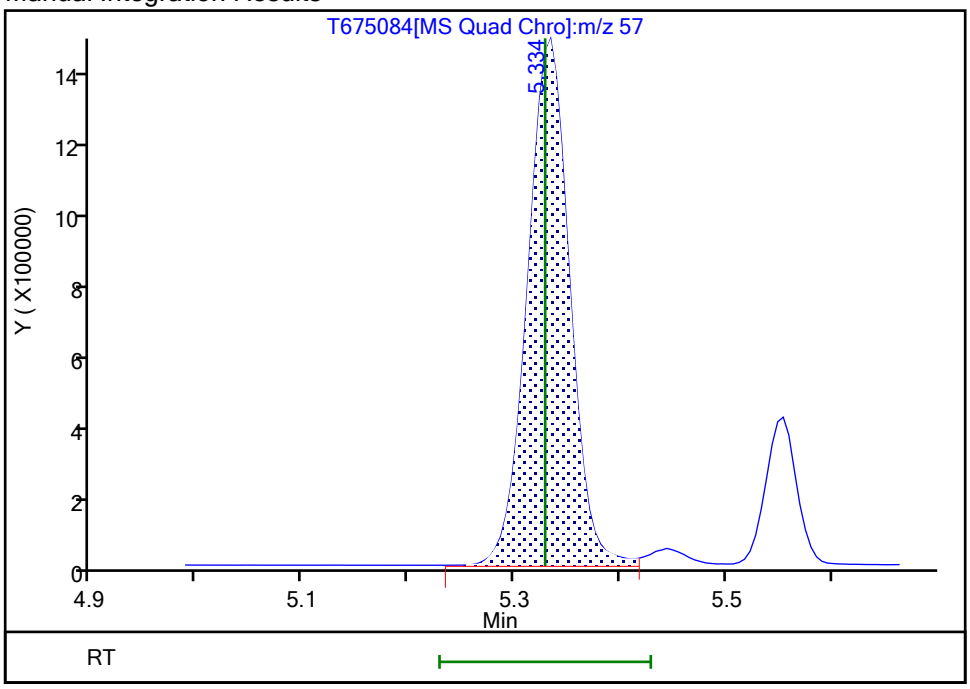
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 4098070
Amount: 545.7579
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:56:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

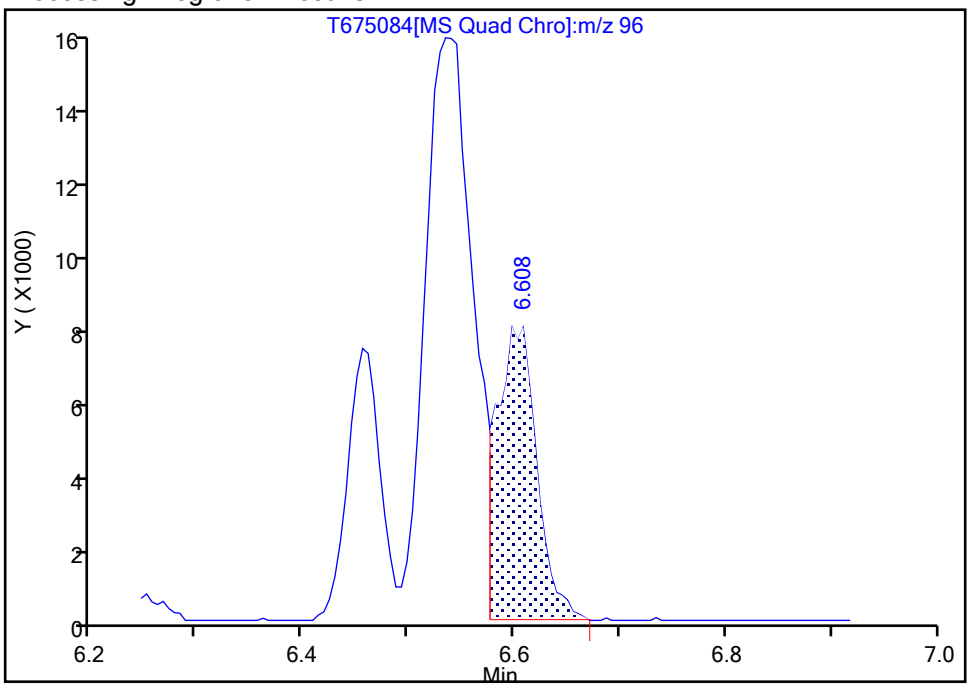
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D
Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

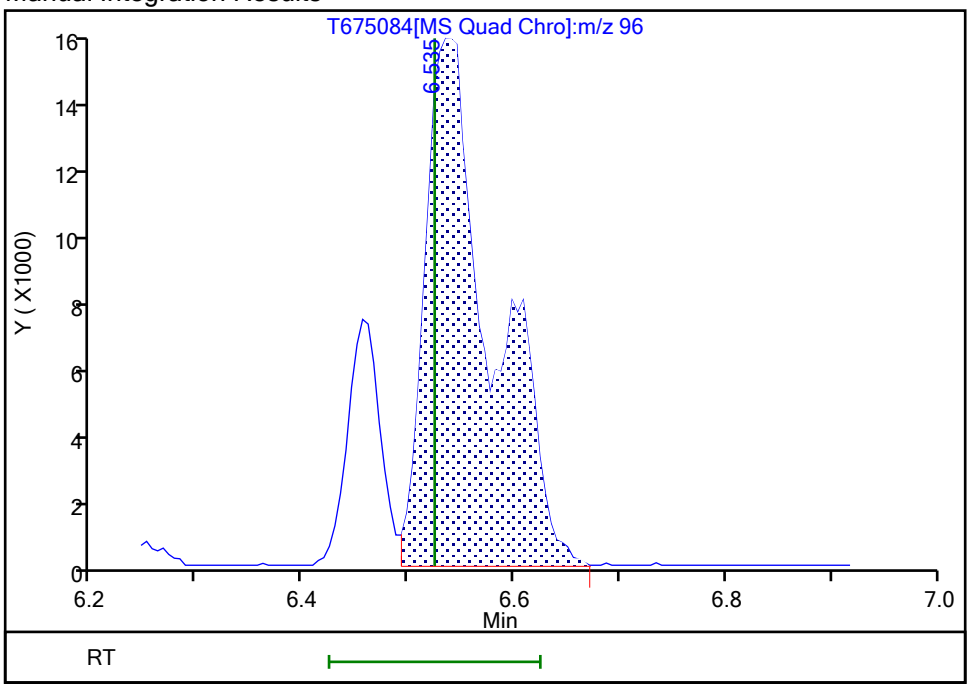
Processing Integration Results

RT: 6.61
Area: 20246
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 66148
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:55:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

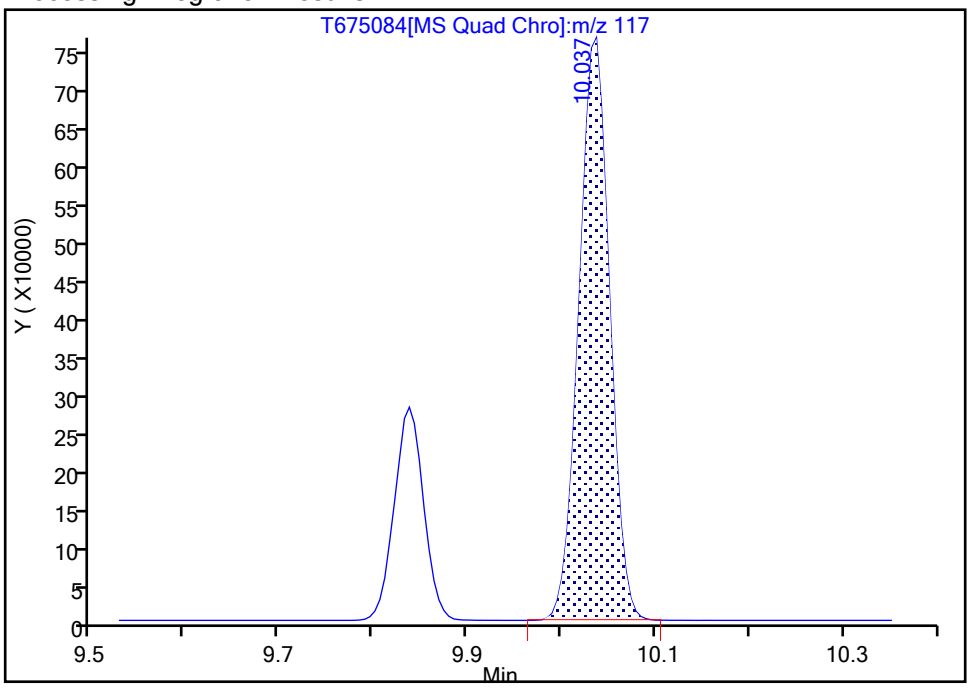
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D
Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

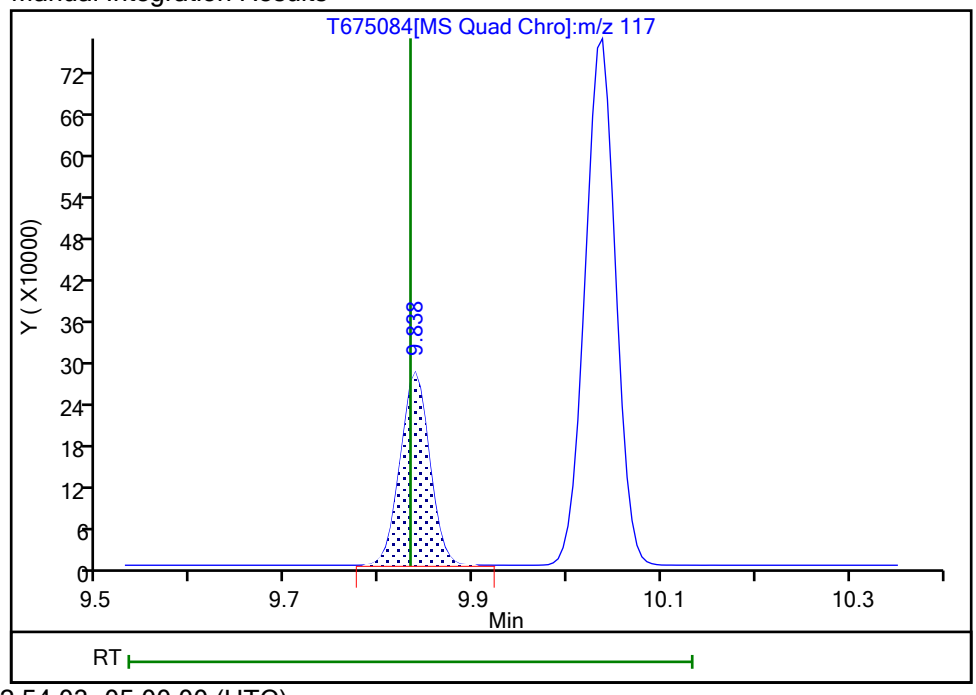
Processing Integration Results

RT: 10.04
Area: 1722638
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.84
Area: 604482
Amount: 50.000000
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:54:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

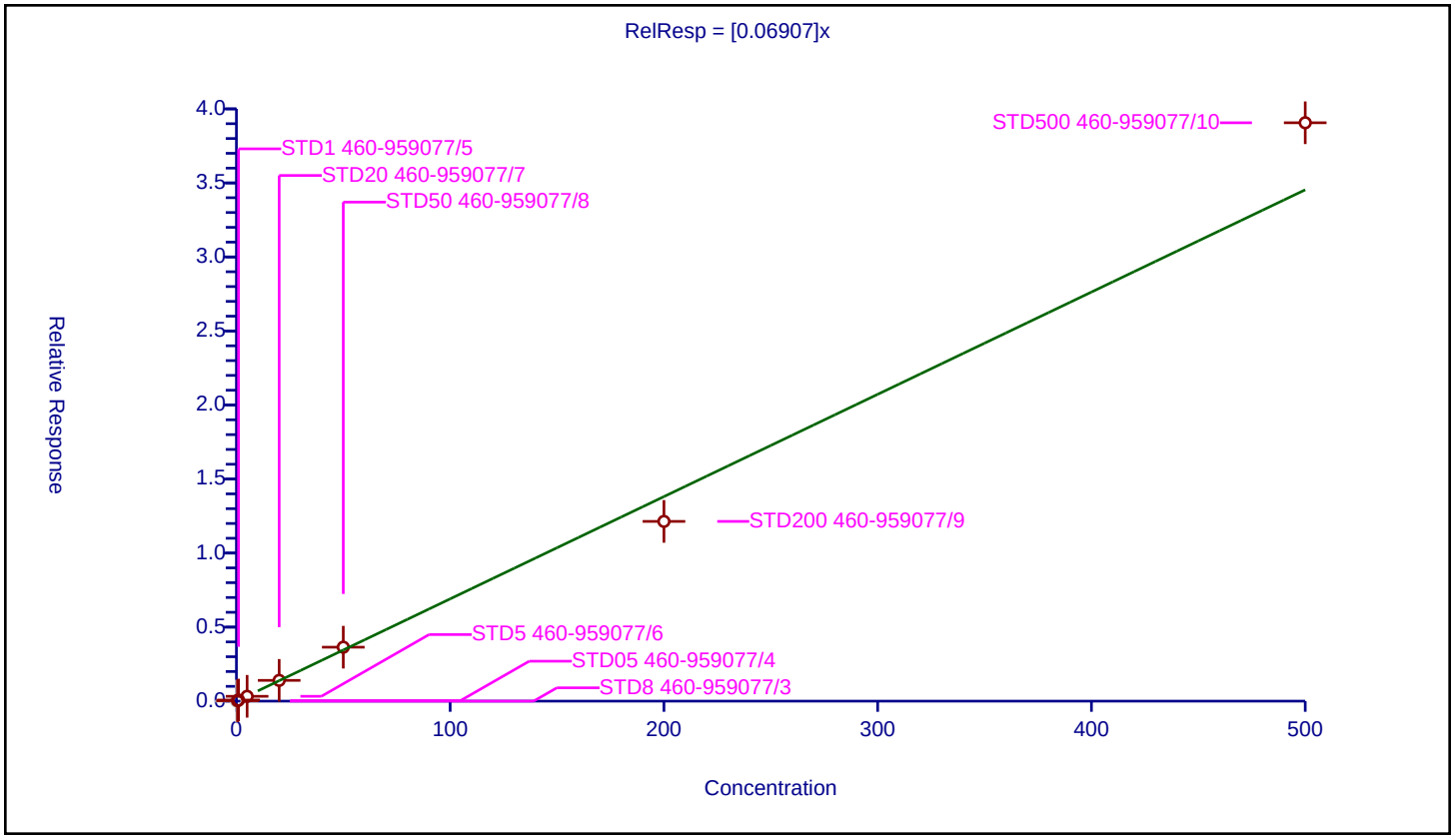
Curve Coefficients

Intercept:	0
Slope:	0.06907

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.031889	50.0	572301.0	0.063778	Y
3	STD1 460-959077/5	1.0	0.072479	50.0	554640.0	0.072479	Y
4	STD5 460-959077/6	5.0	0.327177	50.0	554592.0	0.065435	Y
5	STD20 460-959077/7	20.0	1.402396	50.0	561646.0	0.07012	Y
6	STD50 460-959077/8	50.0	3.643182	50.0	574292.0	0.072864	Y
7	STD200 460-959077/9	200.0	12.139836	50.0	585255.0	0.060699	Y
8	STD500 460-959077/10	500.0	39.063379	50.0	611432.0	0.078127	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

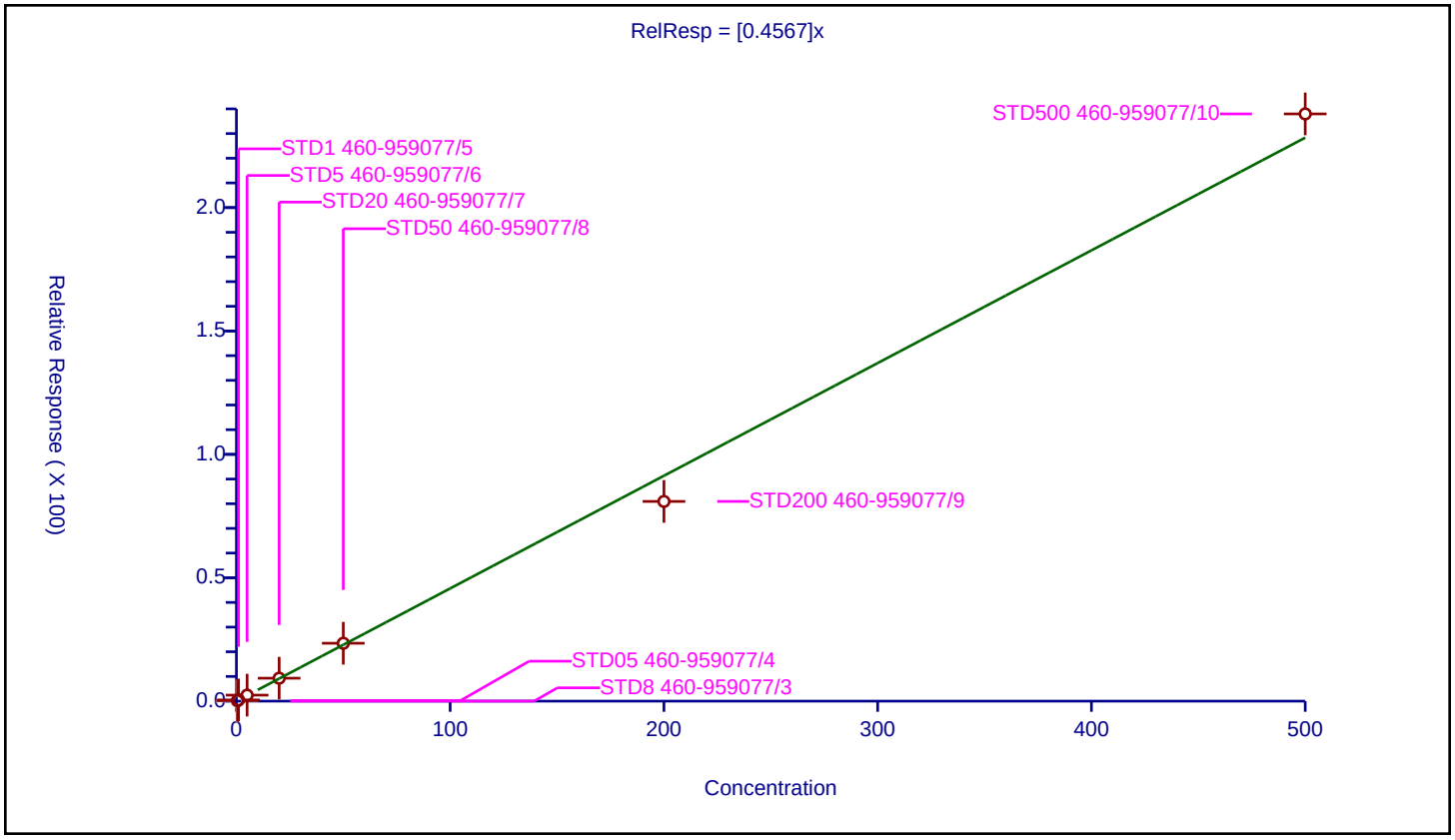
Curve Coefficients

Intercept:	0
Slope:	0.4567

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.208282	50.0	572301.0	0.416564	Y
3	STD1 460-959077/5	1.0	0.47932	50.0	554640.0	0.47932	Y
4	STD5 460-959077/6	5.0	2.431066	50.0	554592.0	0.486213	Y
5	STD20 460-959077/7	20.0	9.297048	50.0	561646.0	0.464852	Y
6	STD50 460-959077/8	50.0	23.454009	50.0	574292.0	0.46908	Y
7	STD200 460-959077/9	200.0	80.929168	50.0	585255.0	0.404646	Y
8	STD500 460-959077/10	500.0	237.955079	50.0	611432.0	0.47591	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

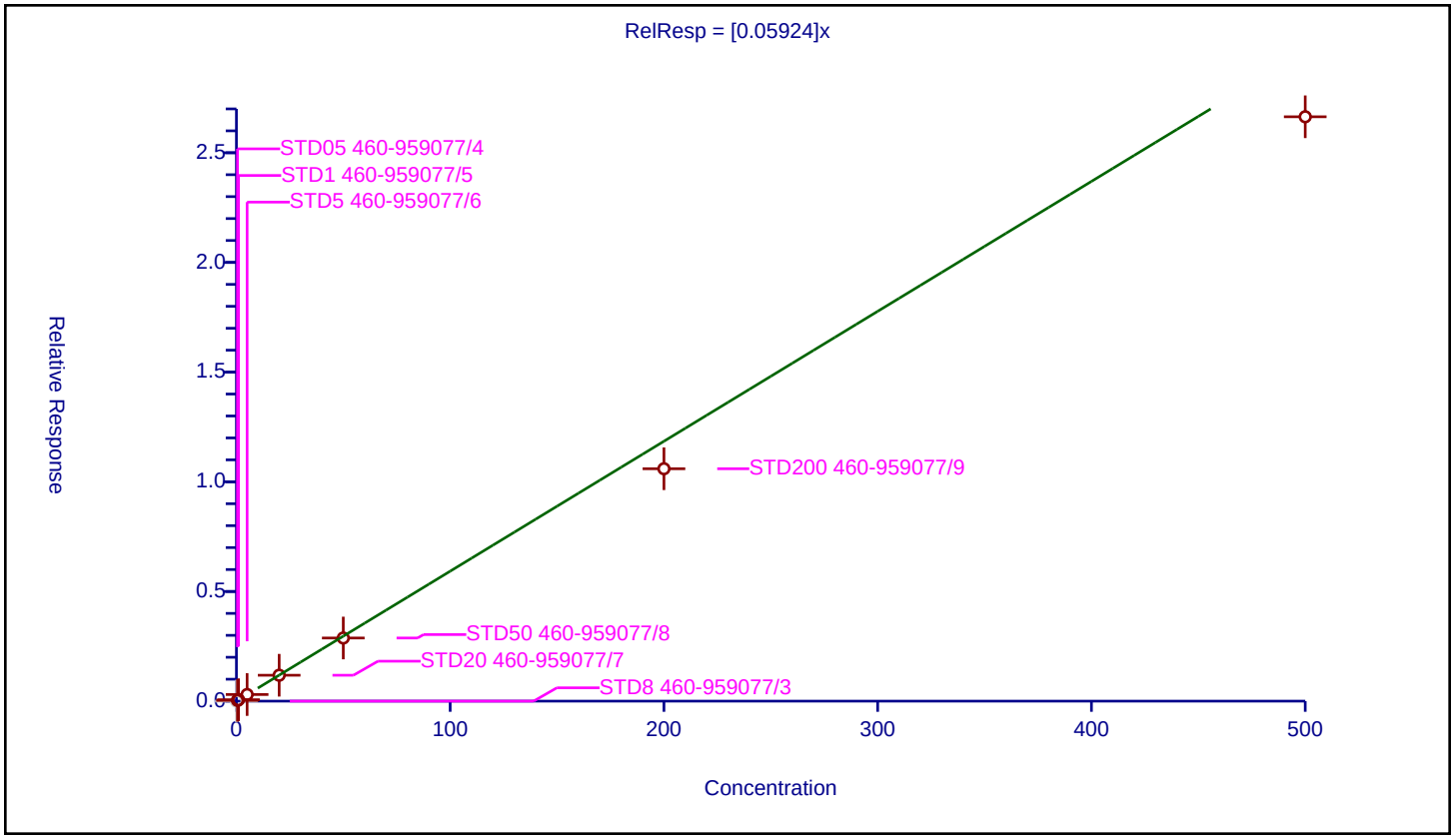
Curve Coefficients

Intercept:	0
Slope:	0.05924

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.03416	50.0	572301.0	0.068321	Y
3	STD1 460-959077/5	1.0	0.063194	50.0	554640.0	0.063194	Y
4	STD5 460-959077/6	5.0	0.301393	50.0	554592.0	0.060279	Y
5	STD20 460-959077/7	20.0	1.180904	50.0	561646.0	0.059045	Y
6	STD50 460-959077/8	50.0	2.878588	50.0	574292.0	0.057572	Y
7	STD200 460-959077/9	200.0	10.594698	50.0	585255.0	0.052973	Y
8	STD500 460-959077/10	500.0	26.640248	50.0	611432.0	0.05328	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

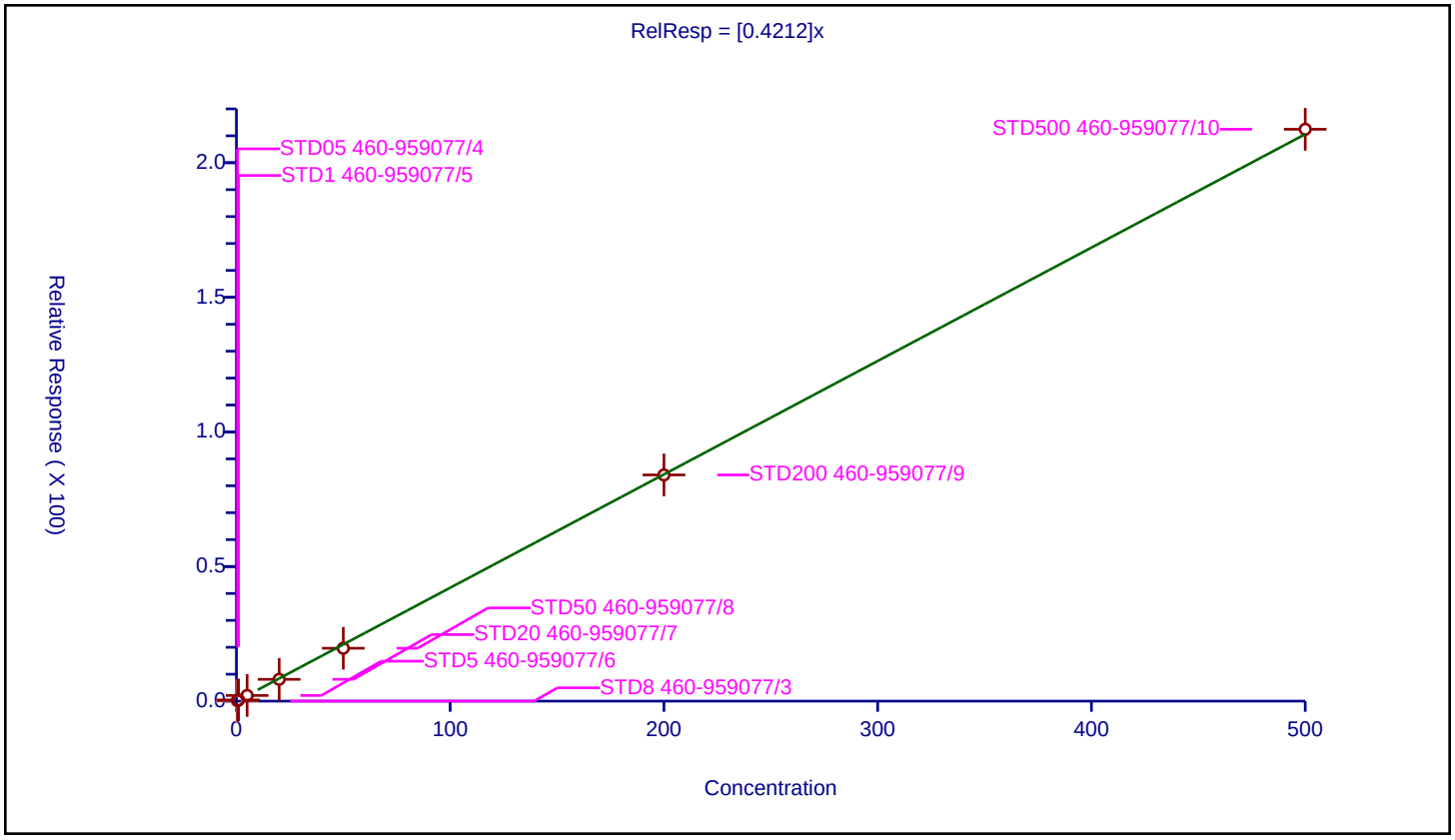
Curve Coefficients

Intercept:	0
Slope:	0.4212

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.223921	50.0	572301.0	0.447841	Y
3	STD1 460-959077/5	1.0	0.43677	50.0	554640.0	0.43677	Y
4	STD5 460-959077/6	5.0	2.105602	50.0	554592.0	0.42112	Y
5	STD20 460-959077/7	20.0	8.09558	50.0	561646.0	0.404779	Y
6	STD50 460-959077/8	50.0	19.640792	50.0	574292.0	0.392816	Y
7	STD200 460-959077/9	200.0	84.028244	50.0	585255.0	0.420141	Y
8	STD500 460-959077/10	500.0	212.43597	50.0	611432.0	0.424872	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

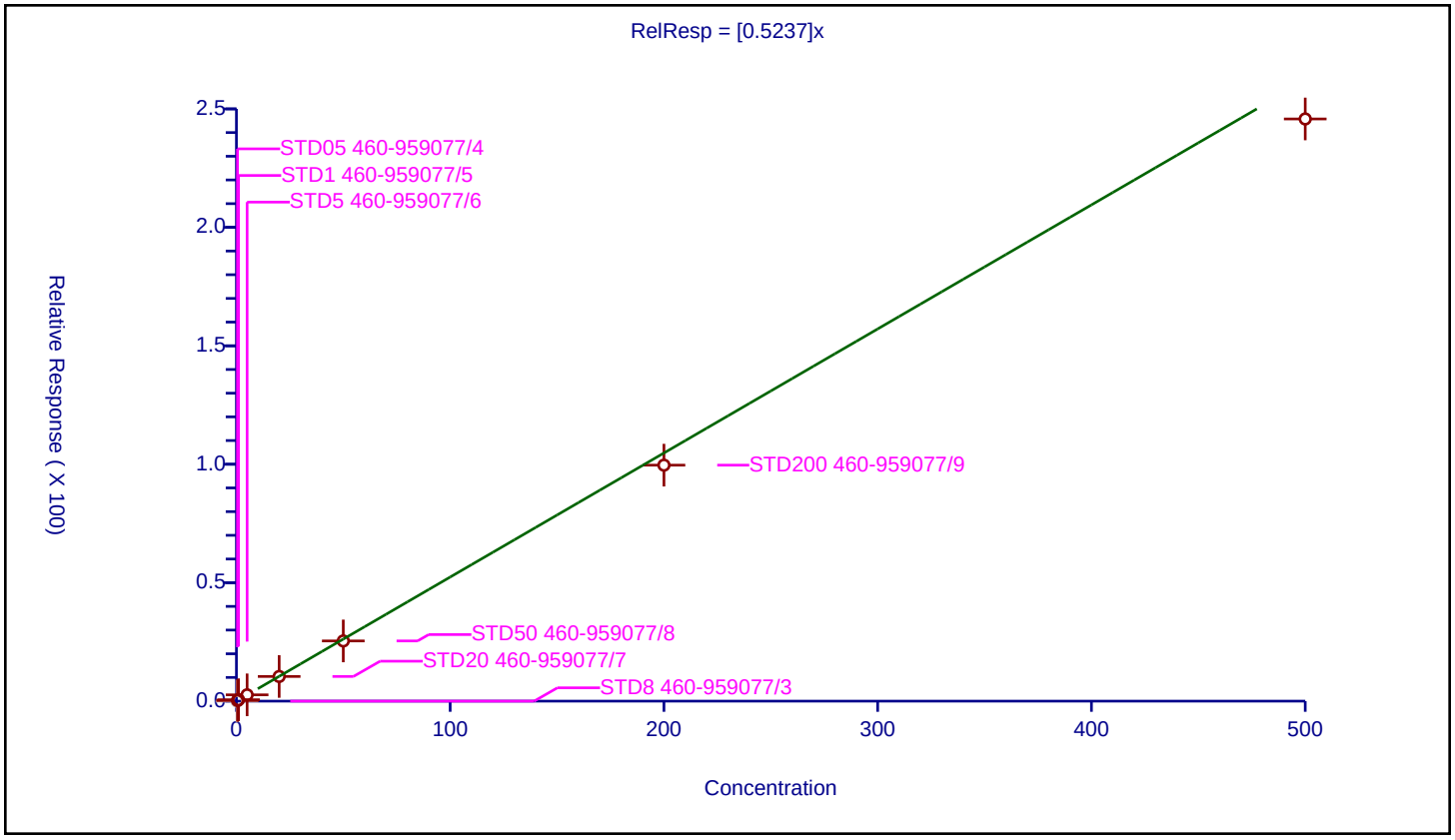
Curve Coefficients

Intercept:	0
Slope:	0.5237

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.263148	50.0	572301.0	0.526296	Y
3	STD1 460-959077/5	1.0	0.58849	50.0	554640.0	0.58849	Y
4	STD5 460-959077/6	5.0	2.663039	50.0	554592.0	0.532608	Y
5	STD20 460-959077/7	20.0	10.415724	50.0	561646.0	0.520786	Y
6	STD50 460-959077/8	50.0	25.41303	50.0	574292.0	0.508261	Y
7	STD200 460-959077/9	200.0	99.613673	50.0	585255.0	0.498068	Y
8	STD500 460-959077/10	500.0	245.747769	50.0	611432.0	0.491496	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

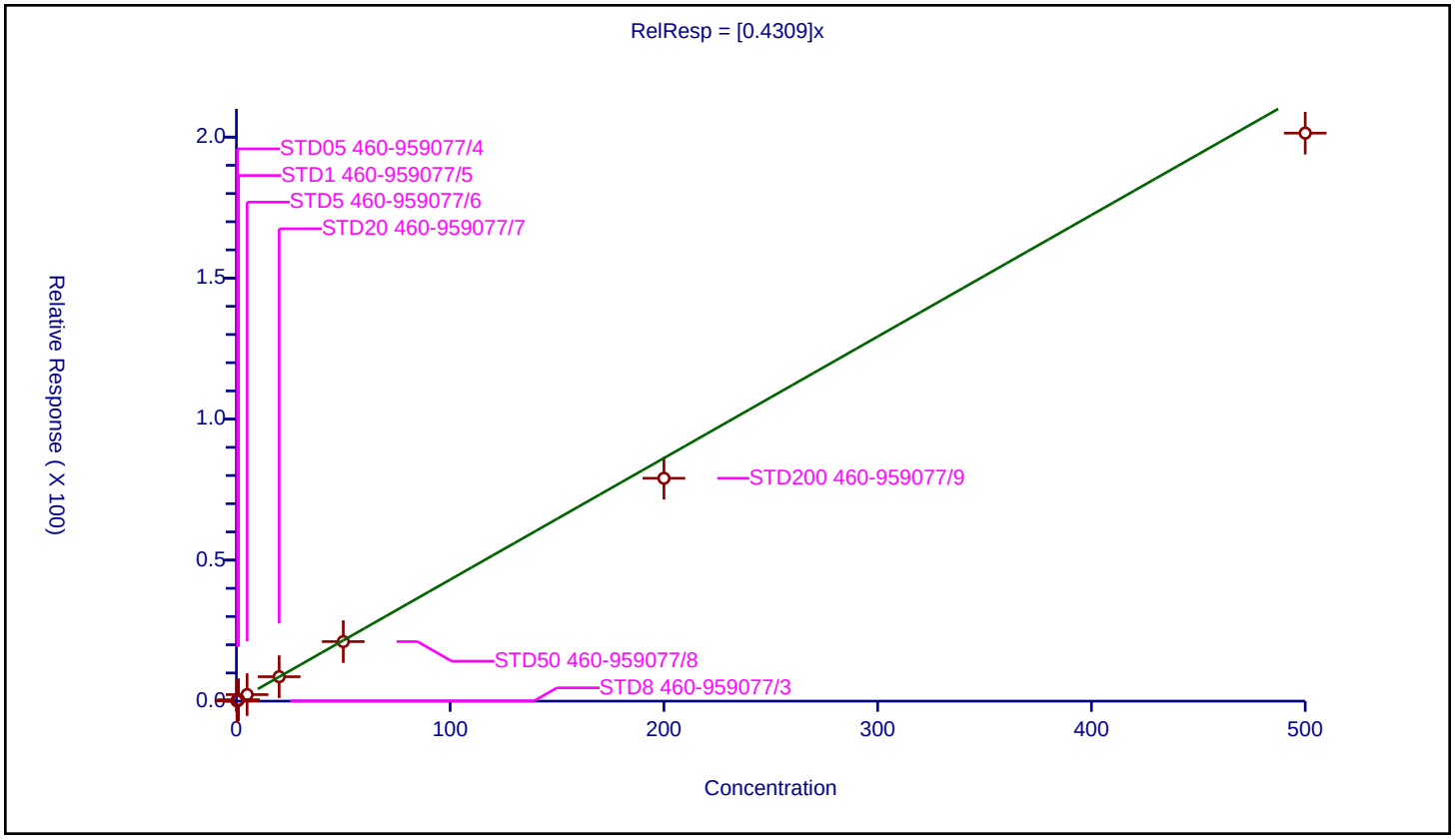
Curve Coefficients

Intercept:	0
Slope:	0.4309

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.10007	50.0	574097.0	0.400281	Y
2	STD05 460-959077/4	0.5	0.217455	50.0	572301.0	0.434911	Y
3	STD1 460-959077/5	1.0	0.494825	50.0	554640.0	0.494825	Y
4	STD5 460-959077/6	5.0	2.319813	50.0	554592.0	0.463963	Y
5	STD20 460-959077/7	20.0	8.66204	50.0	561646.0	0.433102	Y
6	STD50 460-959077/8	50.0	21.11304	50.0	574292.0	0.422261	Y
7	STD200 460-959077/9	200.0	79.023588	50.0	585255.0	0.395118	Y
8	STD500 460-959077/10	500.0	201.409151	50.0	611432.0	0.402818	Y



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Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

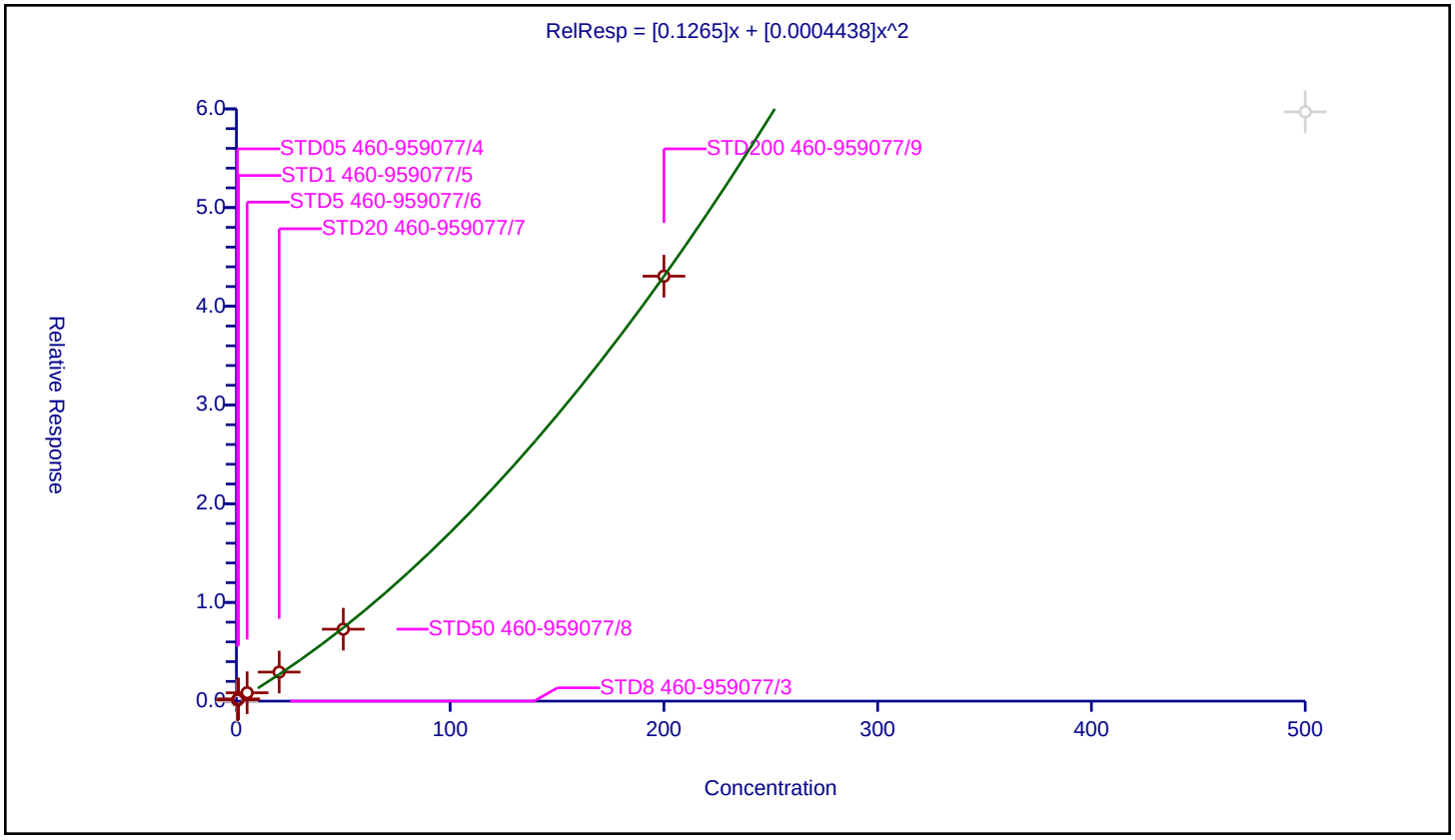
Curve Coefficients

Intercept:	0
Slope:	0.1265
Second Order:	0.0004438

Error Coefficients

Relative Standard Deviation:	64.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.123886	50.0	572301.0	0.247772	Y
3	STD1 460-959077/5	1.0	0.228166	50.0	554640.0	0.228166	Y
4	STD5 460-959077/6	5.0	0.849183	50.0	554592.0	0.169837	Y
5	STD20 460-959077/7	20.0	2.943135	50.0	561646.0	0.147157	Y
6	STD50 460-959077/8	50.0	7.289323	50.0	574292.0	0.145786	Y
7	STD200 460-959077/9	200.0	43.052003	50.0	585255.0	0.21526	Y
8	STD500 460-959077/10	500.0	59.698871	50.0	611432.0	0.119398	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

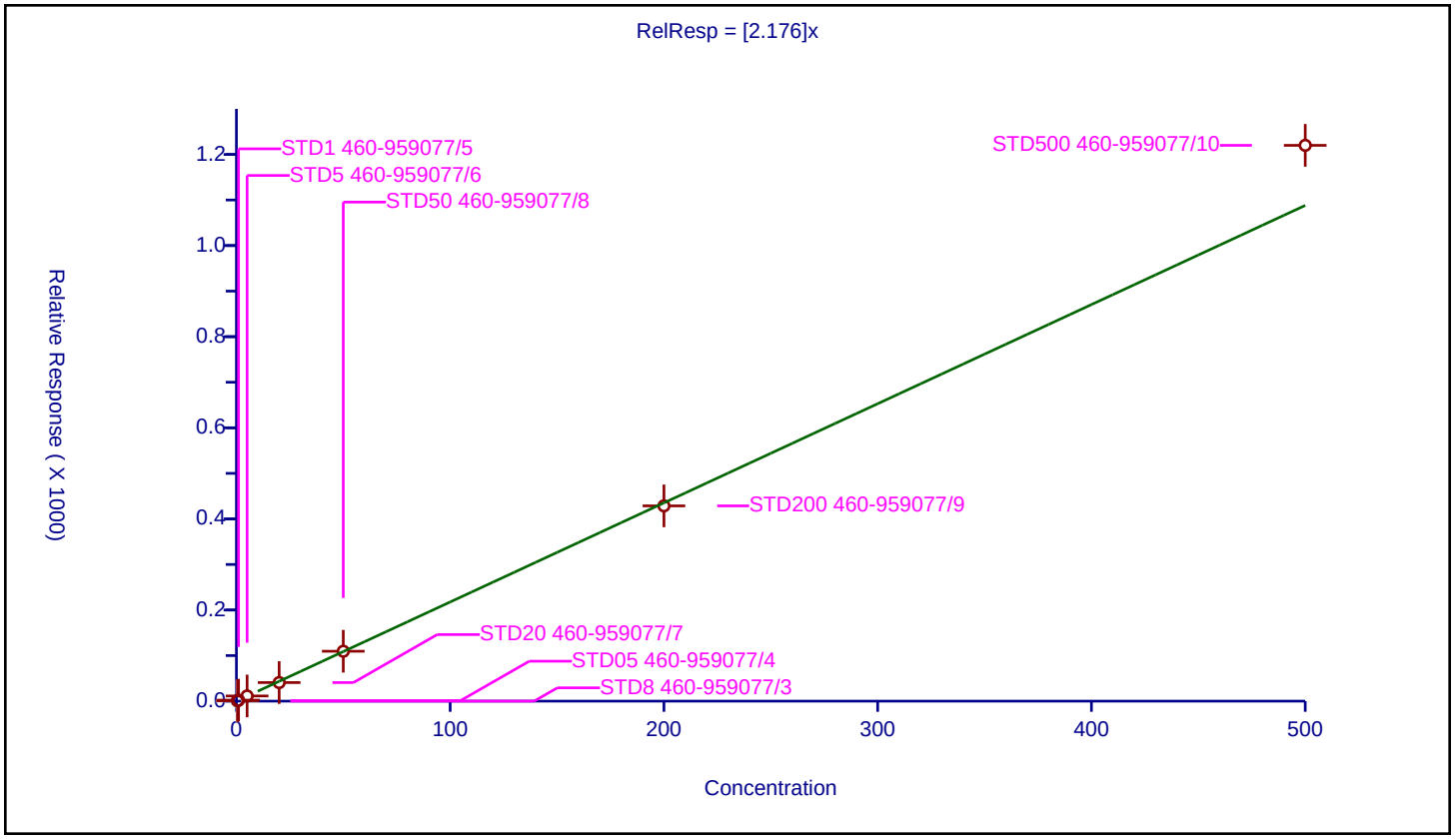
Curve Coefficients

Intercept:	0
Slope:	2.176

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	250.0	342746.0	0.0	N
2	STD05 460-959077/4	0.5	0.961958	250.0	343830.0	1.923916	Y
3	STD1 460-959077/5	1.0	2.220348	250.0	338573.0	2.220348	Y
4	STD5 460-959077/6	5.0	11.383087	250.0	335937.0	2.276617	Y
5	STD20 460-959077/7	20.0	40.770239	250.0	360784.0	2.038512	Y
6	STD50 460-959077/8	50.0	109.527266	250.0	351974.0	2.190545	Y
7	STD200 460-959077/9	200.0	428.622903	250.0	366343.0	2.143115	Y
8	STD500 460-959077/10	500.0	1219.976011	250.0	348488.0	2.439952	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

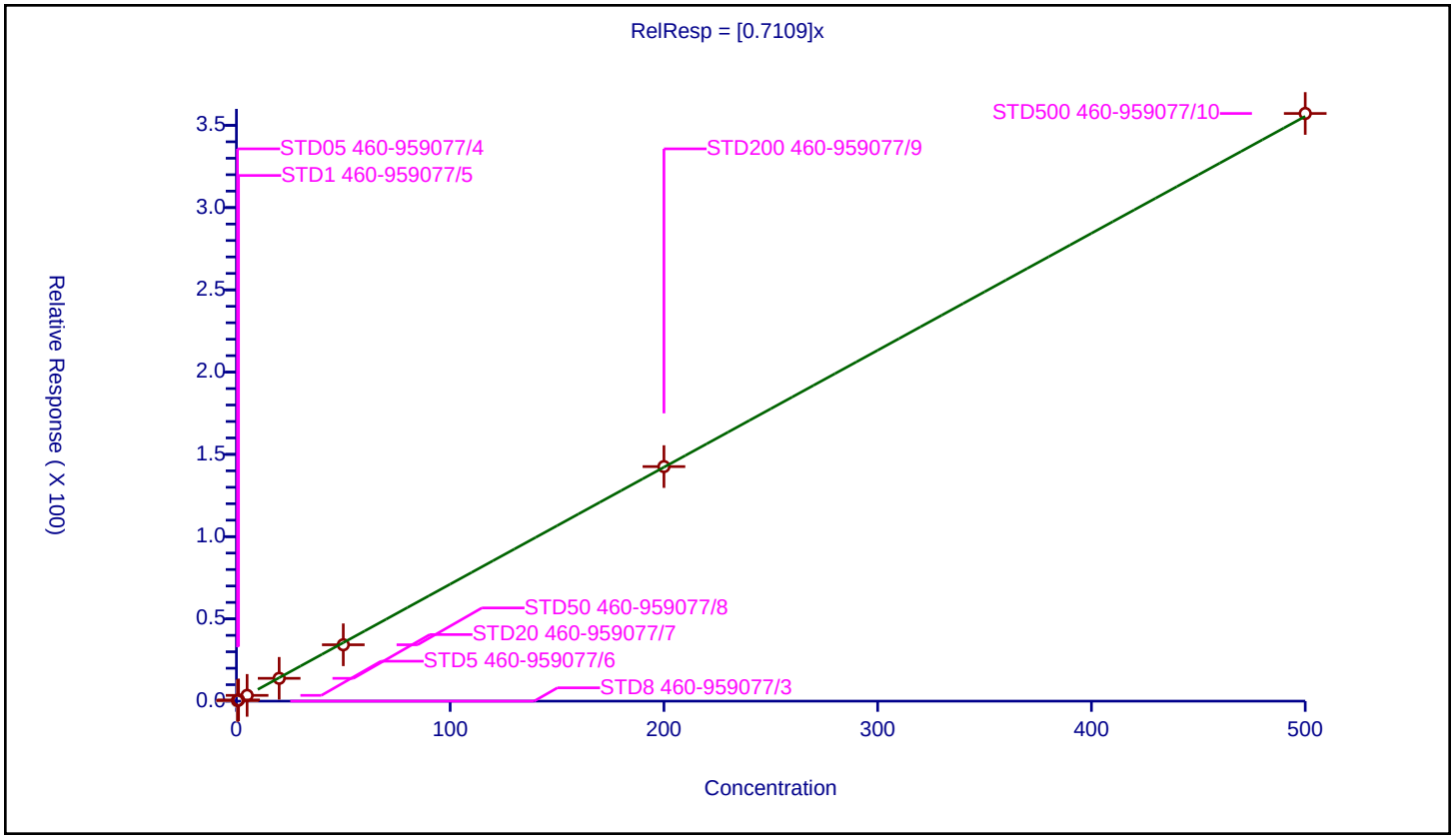
Curve Coefficients

Intercept:	0
Slope:	0.7109

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.366416	50.0	572301.0	0.732831	Y
3	STD1 460-959077/5	1.0	0.735342	50.0	554640.0	0.735342	Y
4	STD5 460-959077/6	5.0	3.511591	50.0	554592.0	0.702318	Y
5	STD20 460-959077/7	20.0	13.867988	50.0	561646.0	0.693399	Y
6	STD50 460-959077/8	50.0	34.263493	50.0	574292.0	0.68527	Y
7	STD200 460-959077/9	200.0	142.580585	50.0	585255.0	0.712903	Y
8	STD500 460-959077/10	500.0	357.210368	50.0	611432.0	0.714421	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

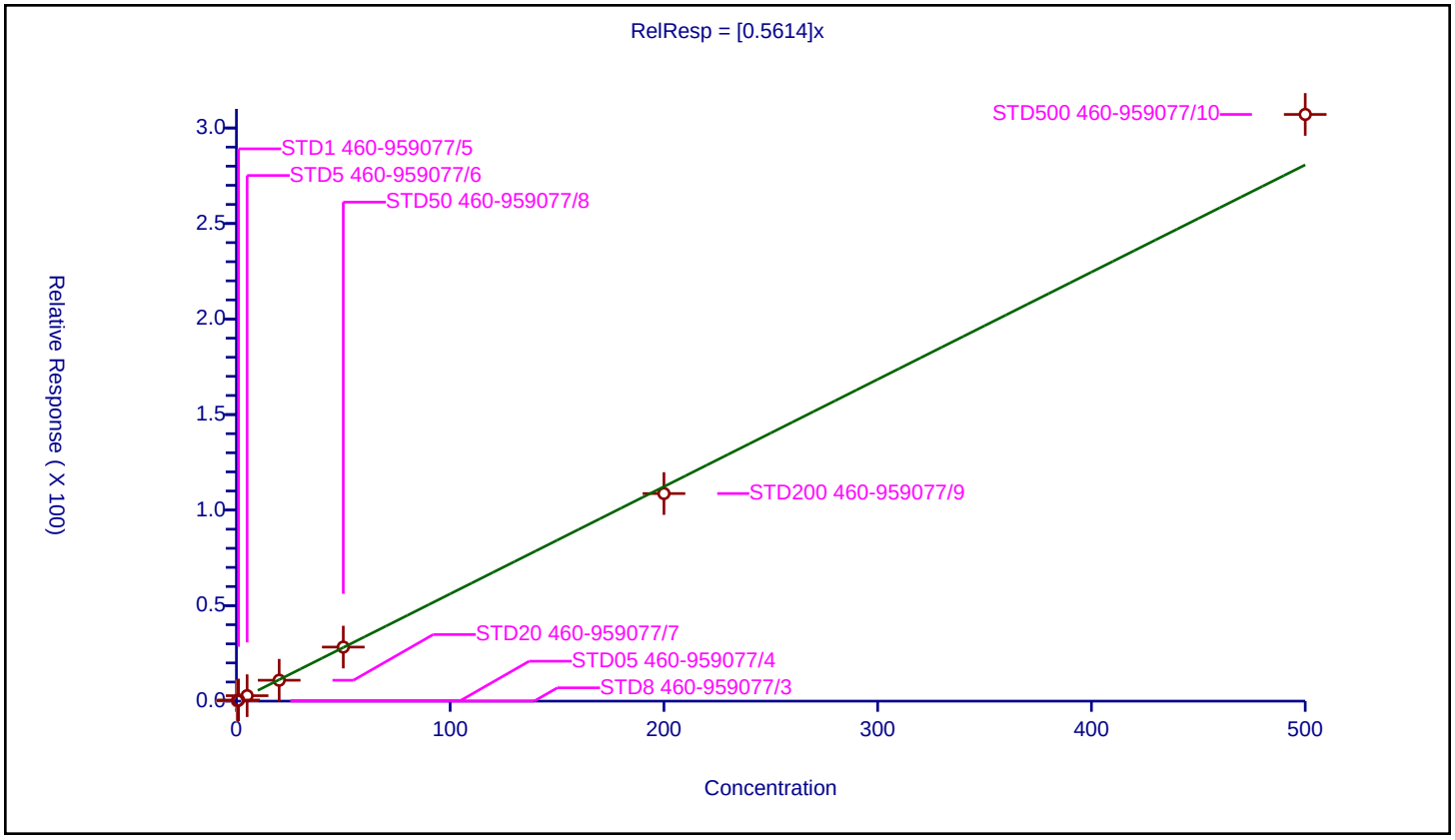
Curve Coefficients

Intercept:	0
Slope:	0.5614

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.255023	50.0	572301.0	0.510046	Y
3	STD1 460-959077/5	1.0	0.579114	50.0	554640.0	0.579114	Y
4	STD5 460-959077/6	5.0	2.851015	50.0	554592.0	0.570203	Y
5	STD20 460-959077/7	20.0	10.940254	50.0	561646.0	0.547013	Y
6	STD50 460-959077/8	50.0	28.299541	50.0	574292.0	0.565991	Y
7	STD200 460-959077/9	200.0	108.659986	50.0	585255.0	0.5433	Y
8	STD500 460-959077/10	500.0	307.10635	50.0	611432.0	0.614213	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

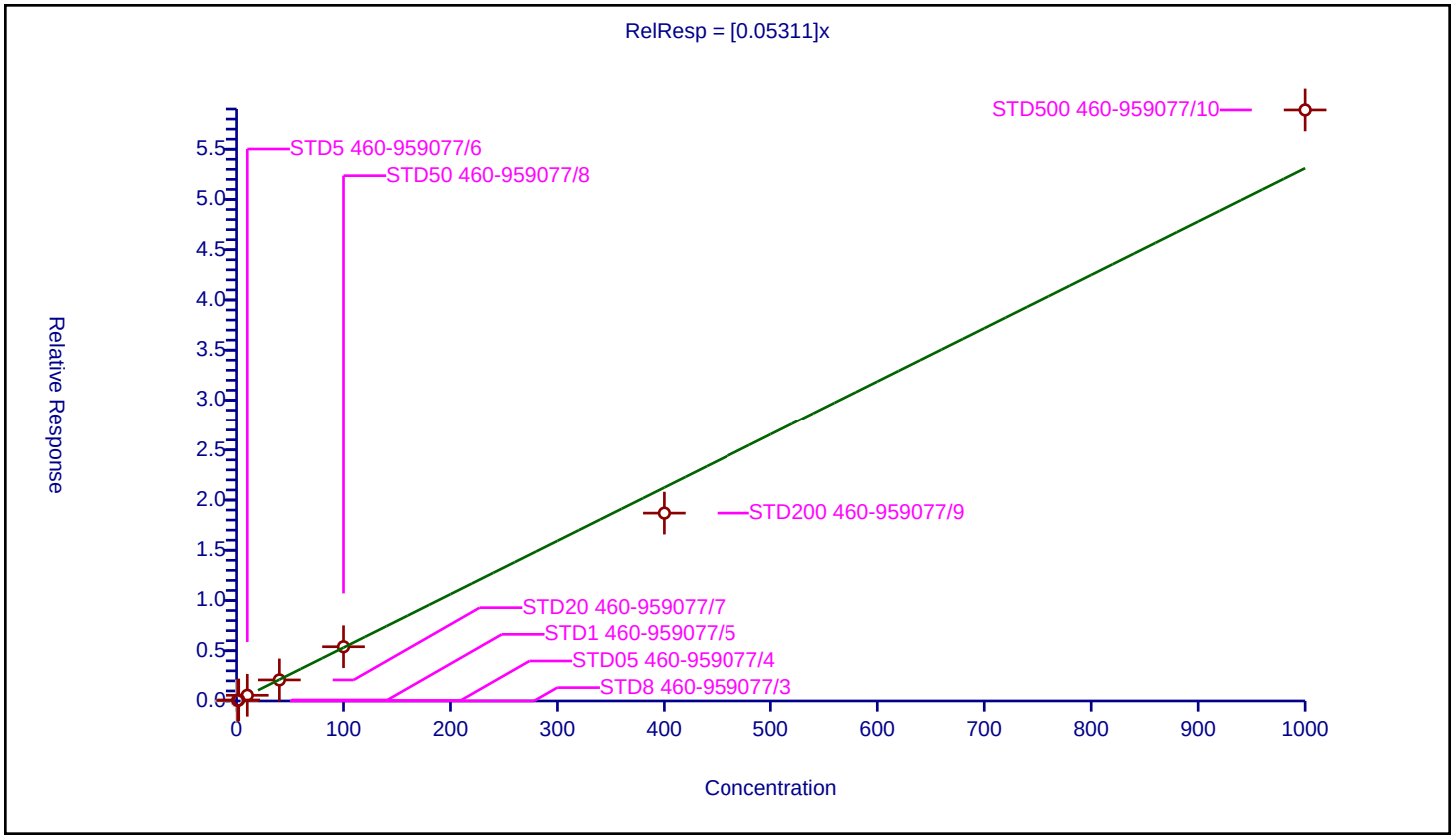
Curve Coefficients

Intercept:	0
Slope:	0.05311

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.052769	50.0	572301.0	0.052769	Y
3	STD1 460-959077/5	2.0	0.100696	50.0	554640.0	0.050348	Y
4	STD5 460-959077/6	10.0	0.566993	50.0	554592.0	0.056699	Y
5	STD20 460-959077/7	40.0	2.094914	50.0	561646.0	0.052373	Y
6	STD50 460-959077/8	100.0	5.397167	50.0	574292.0	0.053972	Y
7	STD200 460-959077/9	400.0	18.692792	50.0	585255.0	0.046732	Y
8	STD500 460-959077/10	1000.0	58.907287	50.0	611432.0	0.058907	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

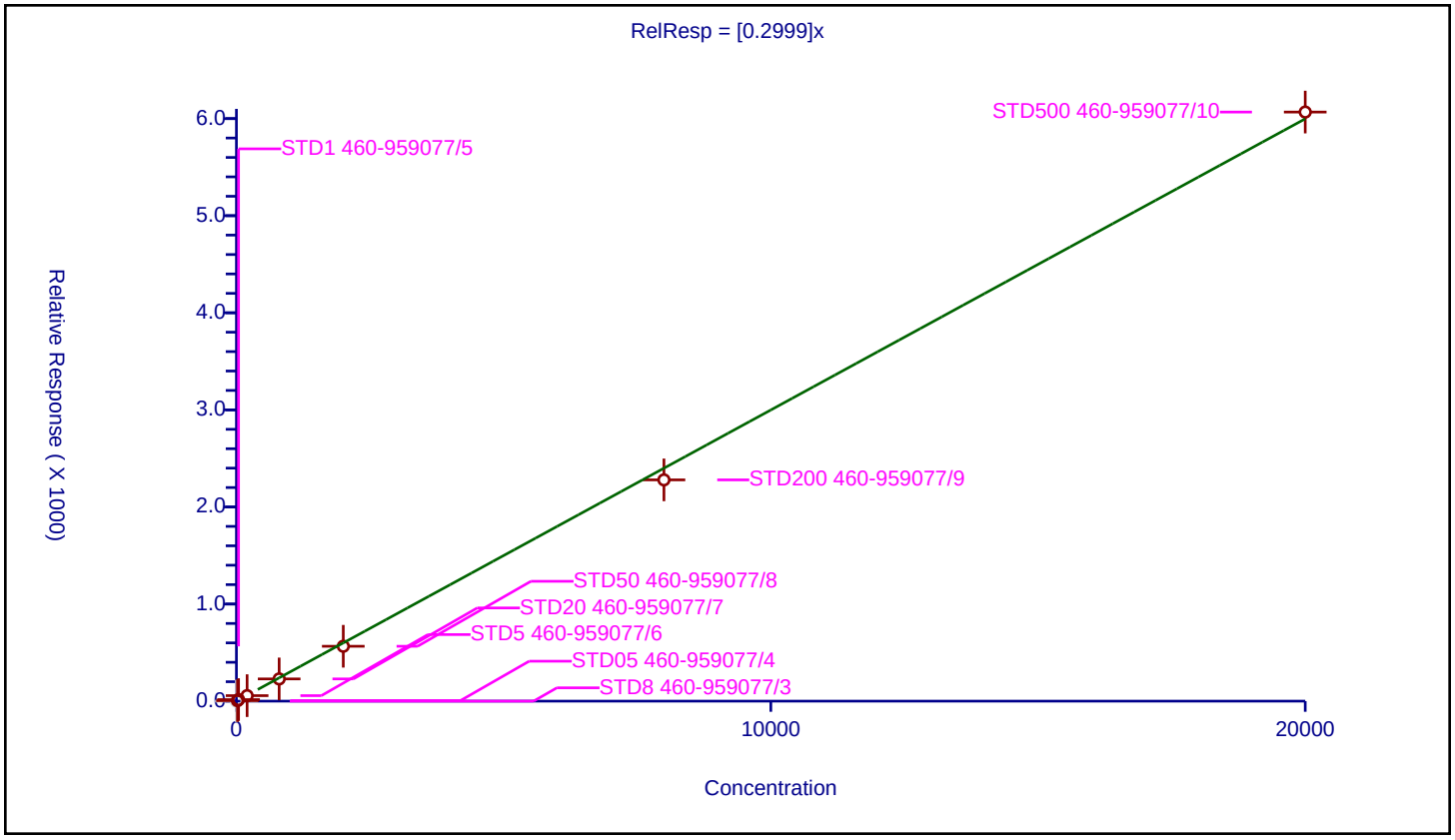
Curve Coefficients

Intercept:	0
Slope:	0.2999

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	20.0	5.279213	1000.0	63267.0	0.263961	Y
3	STD1 460-959077/5	40.0	15.805294	1000.0	61878.0	0.395132	Y
4	STD5 460-959077/6	200.0	56.630494	1000.0	60727.0	0.283152	Y
5	STD20 460-959077/7	800.0	228.862996	1000.0	66341.0	0.286079	Y
6	STD50 460-959077/8	2000.0	565.282877	1000.0	63738.0	0.282641	Y
7	STD200 460-959077/9	8000.0	2278.827132	1000.0	68243.0	0.284853	Y
8	STD500 460-959077/10	20000.0	6067.456999	1000.0	60987.0	0.303373	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

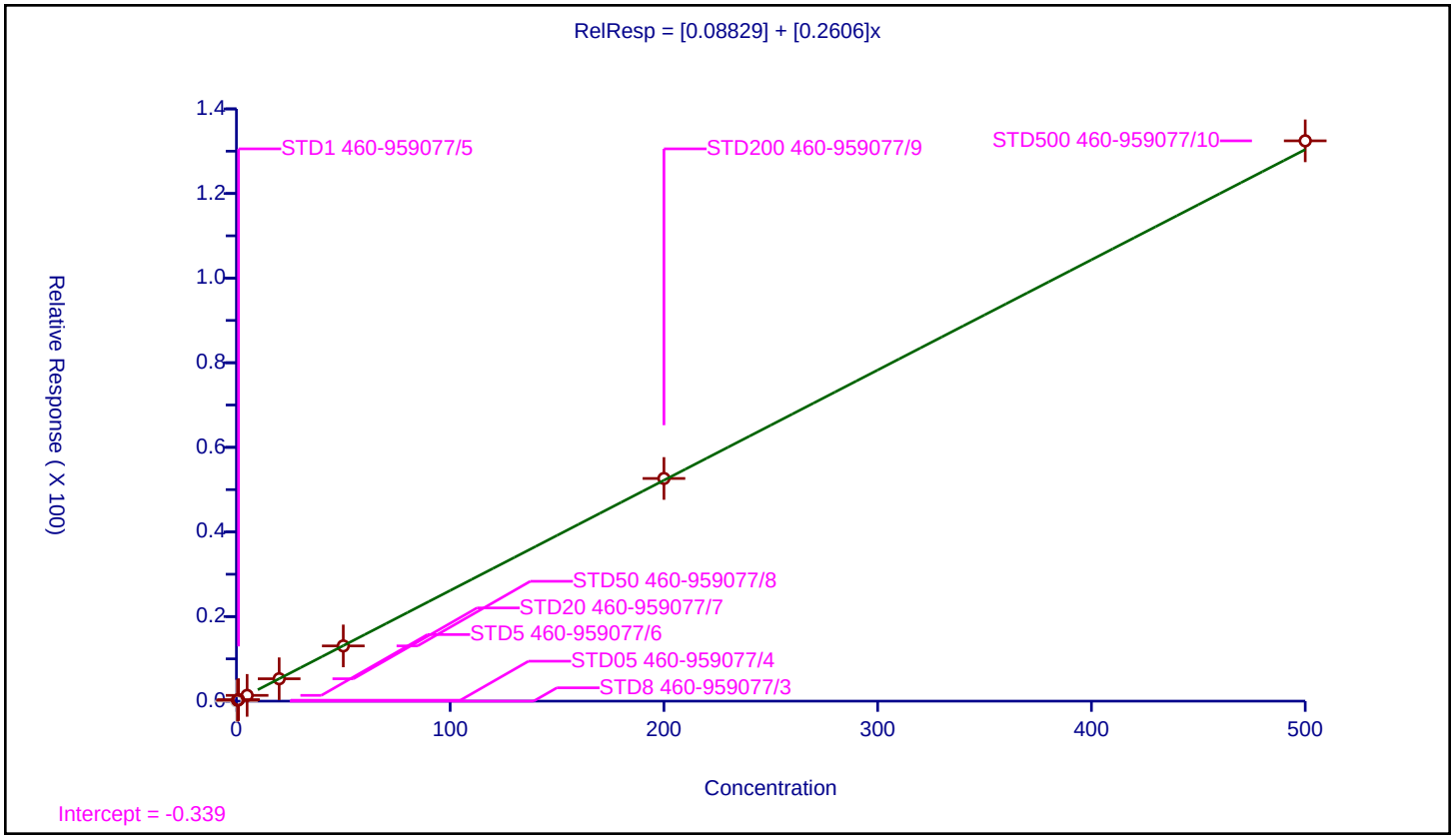
Curve Coefficients

Intercept:	0.08829
Slope:	0.2606

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.218417	50.0	572301.0	0.436833	Y
3	STD1 460-959077/5	1.0	0.350858	50.0	554640.0	0.350858	Y
4	STD5 460-959077/6	5.0	1.360189	50.0	554592.0	0.272038	Y
5	STD20 460-959077/7	20.0	5.291589	50.0	561646.0	0.264579	Y
6	STD50 460-959077/8	50.0	13.055902	50.0	574292.0	0.261118	Y
7	STD200 460-959077/9	200.0	52.636201	50.0	585255.0	0.263181	Y
8	STD500 460-959077/10	500.0	132.45414	50.0	611432.0	0.264908	Y



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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

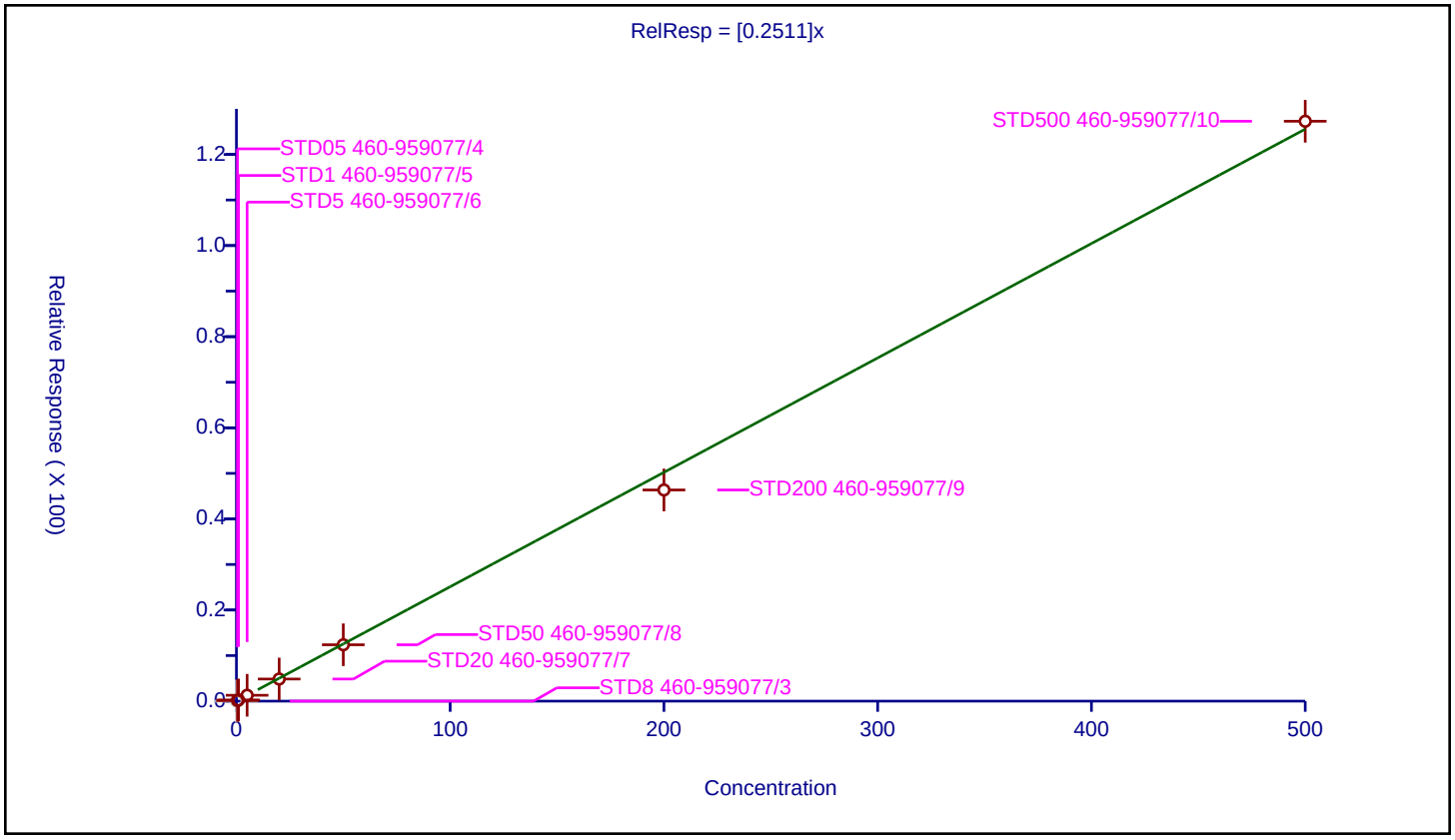
Curve Coefficients

Intercept:	0
Slope:	0.2511

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.132797	50.0	572301.0	0.265595	Y
3	STD1 460-959077/5	1.0	0.257374	50.0	554640.0	0.257374	Y
4	STD5 460-959077/6	5.0	1.29131	50.0	554592.0	0.258262	Y
5	STD20 460-959077/7	20.0	4.855728	50.0	561646.0	0.242786	Y
6	STD50 460-959077/8	50.0	12.371755	50.0	574292.0	0.247435	Y
7	STD200 460-959077/9	200.0	46.354324	50.0	585255.0	0.231772	Y
8	STD500 460-959077/10	500.0	127.286354	50.0	611432.0	0.254573	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

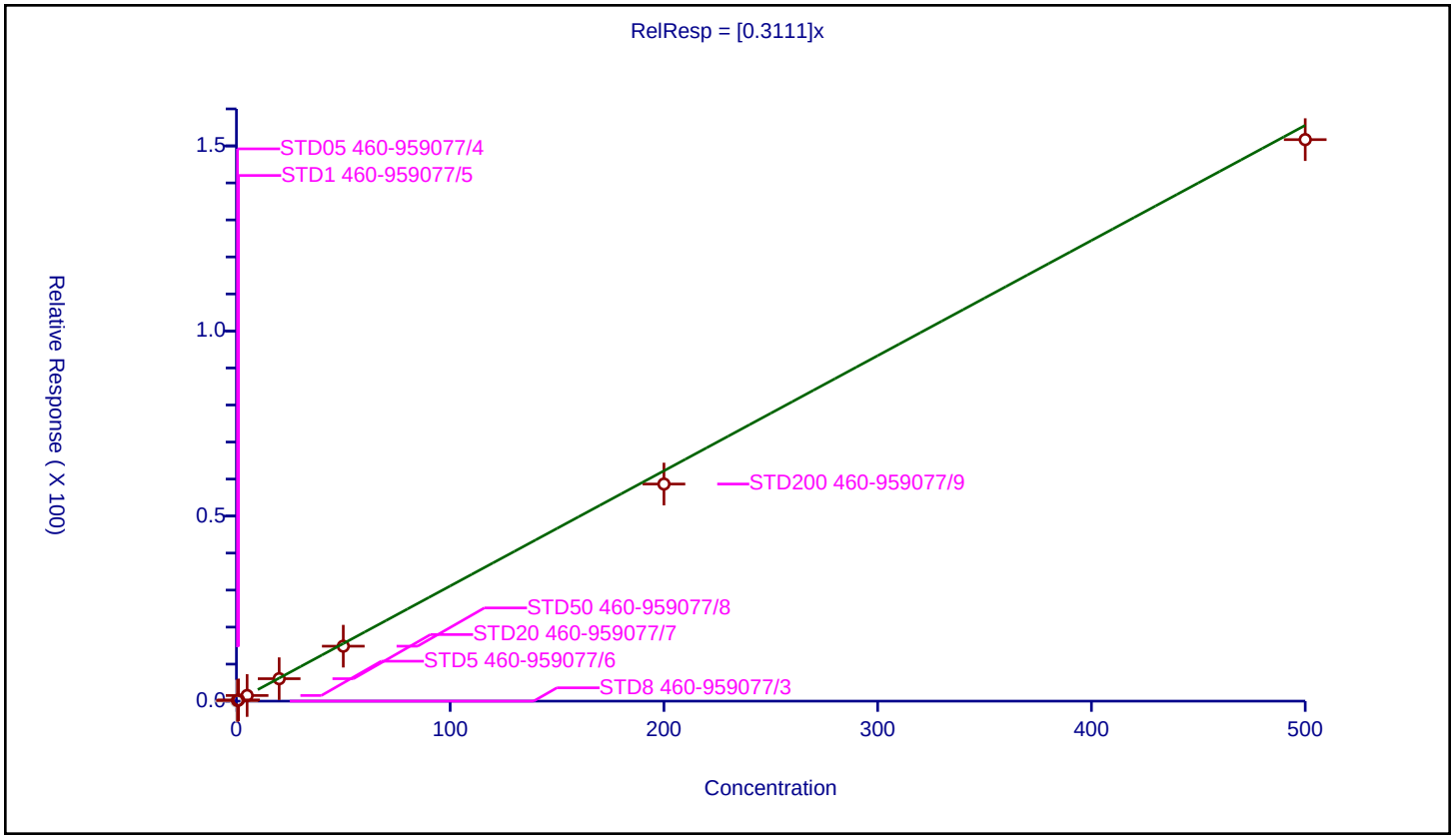
Curve Coefficients

Intercept:	0
Slope:	0.3111

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.172899	50.0	572301.0	0.345797	Y
3	STD1 460-959077/5	1.0	0.330845	50.0	554640.0	0.330845	Y
4	STD5 460-959077/6	5.0	1.52238	50.0	554592.0	0.304476	Y
5	STD20 460-959077/7	20.0	6.062894	50.0	561646.0	0.303145	Y
6	STD50 460-959077/8	50.0	14.844626	50.0	574292.0	0.296893	Y
7	STD200 460-959077/9	200.0	58.650503	50.0	585255.0	0.293253	Y
8	STD500 460-959077/10	500.0	151.697245	50.0	611432.0	0.303394	Y



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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

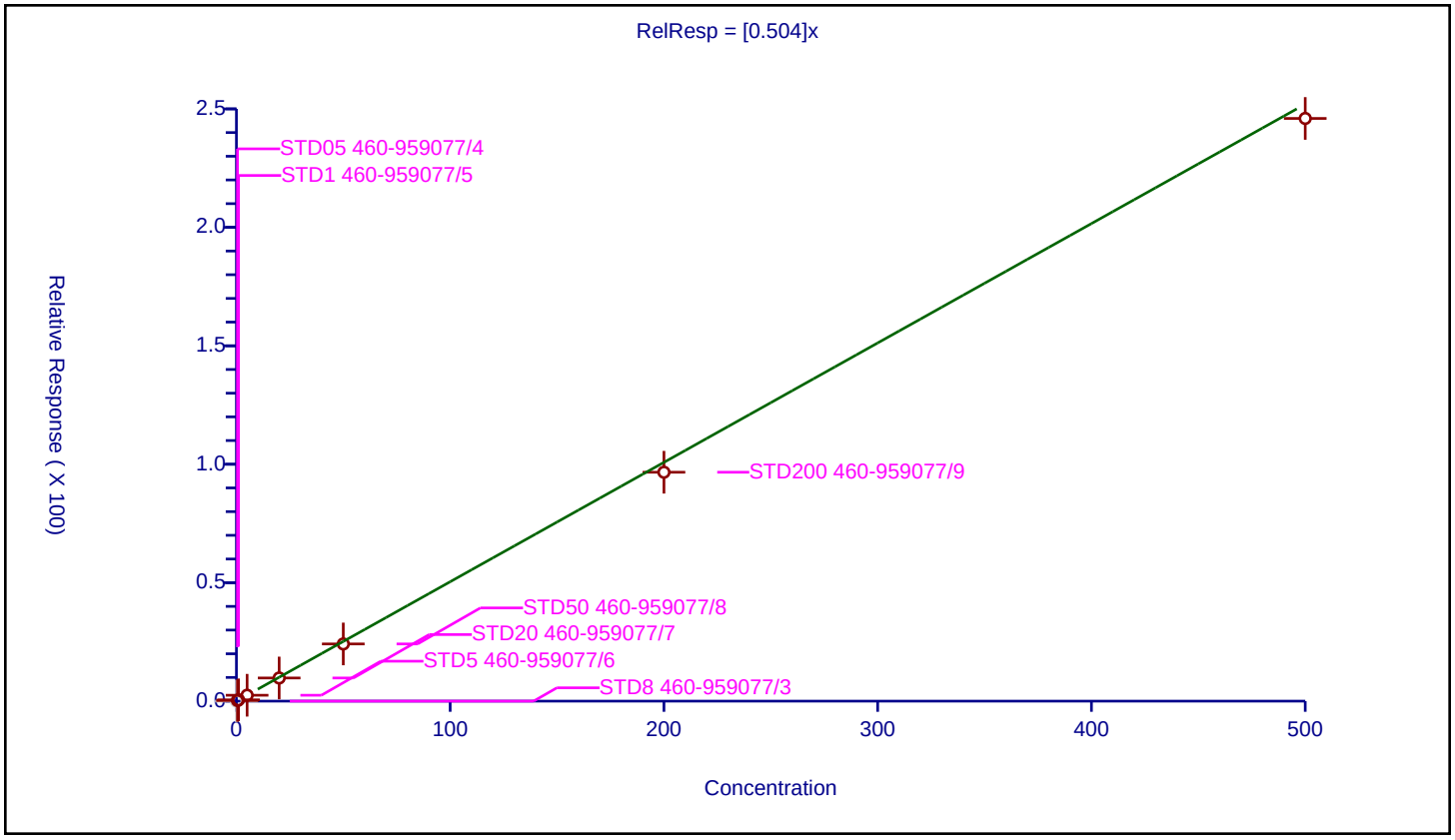
Curve Coefficients

Intercept:	0
Slope:	0.504

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.269788	50.0	572301.0	0.539576	Y
3	STD1 460-959077/5	1.0	0.543325	50.0	554640.0	0.543325	Y
4	STD5 460-959077/6	5.0	2.491111	50.0	554592.0	0.498222	Y
5	STD20 460-959077/7	20.0	9.774929	50.0	561646.0	0.488746	Y
6	STD50 460-959077/8	50.0	24.147298	50.0	574292.0	0.482946	Y
7	STD200 460-959077/9	200.0	96.628905	50.0	585255.0	0.483145	Y
8	STD500 460-959077/10	500.0	245.965864	50.0	611432.0	0.491932	Y



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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

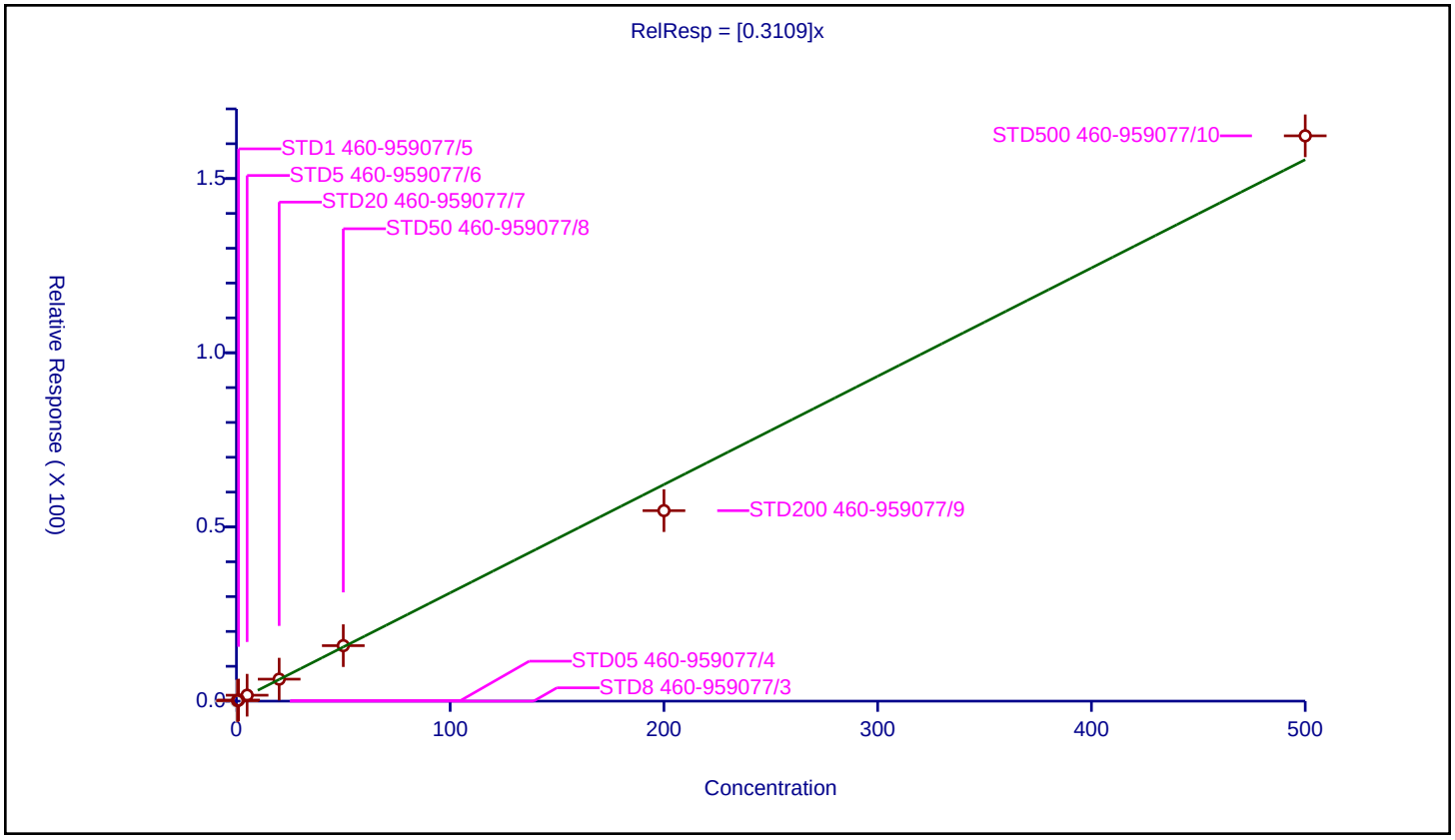
Curve Coefficients

Intercept:	0
Slope:	0.3109

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.14564	50.0	572301.0	0.29128	Y
3	STD1 460-959077/5	1.0	0.312816	50.0	554640.0	0.312816	Y
4	STD5 460-959077/6	5.0	1.698907	50.0	554592.0	0.339781	Y
5	STD20 460-959077/7	20.0	6.313852	50.0	561646.0	0.315693	Y
6	STD50 460-959077/8	50.0	15.926828	50.0	574292.0	0.318537	Y
7	STD200 460-959077/9	200.0	54.683941	50.0	585255.0	0.27342	Y
8	STD500 460-959077/10	500.0	162.27242	50.0	611432.0	0.324545	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

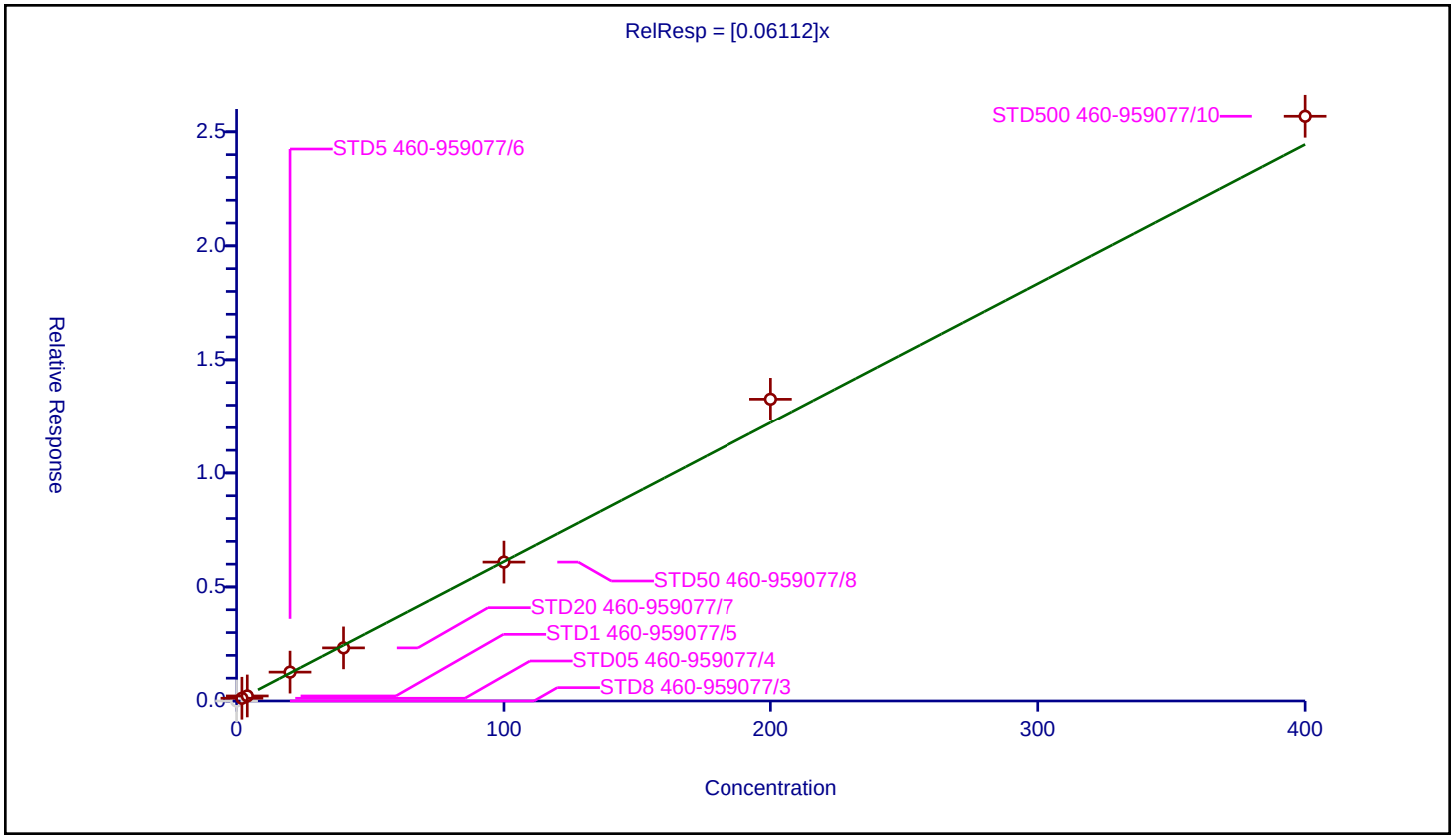
Curve Coefficients

Intercept:	0
Slope:	0.06112

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	2.0	0.11978	50.0	572301.0	0.05989	Y
3	STD1 460-959077/5	4.0	0.220053	50.0	554640.0	0.055013	Y
4	STD5 460-959077/6	20.0	1.265615	50.0	554592.0	0.063281	Y
5	STD20 460-959077/7	40.0	2.328335	50.0	561646.0	0.058208	Y
6	STD50 460-959077/8	100.0	6.090107	50.0	574292.0	0.060901	Y
7	STD200 460-959077/9	200.0	13.268832	50.0	585255.0	0.066344	Y
8	STD500 460-959077/10	400.0	25.682251	50.0	611432.0	0.064206	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

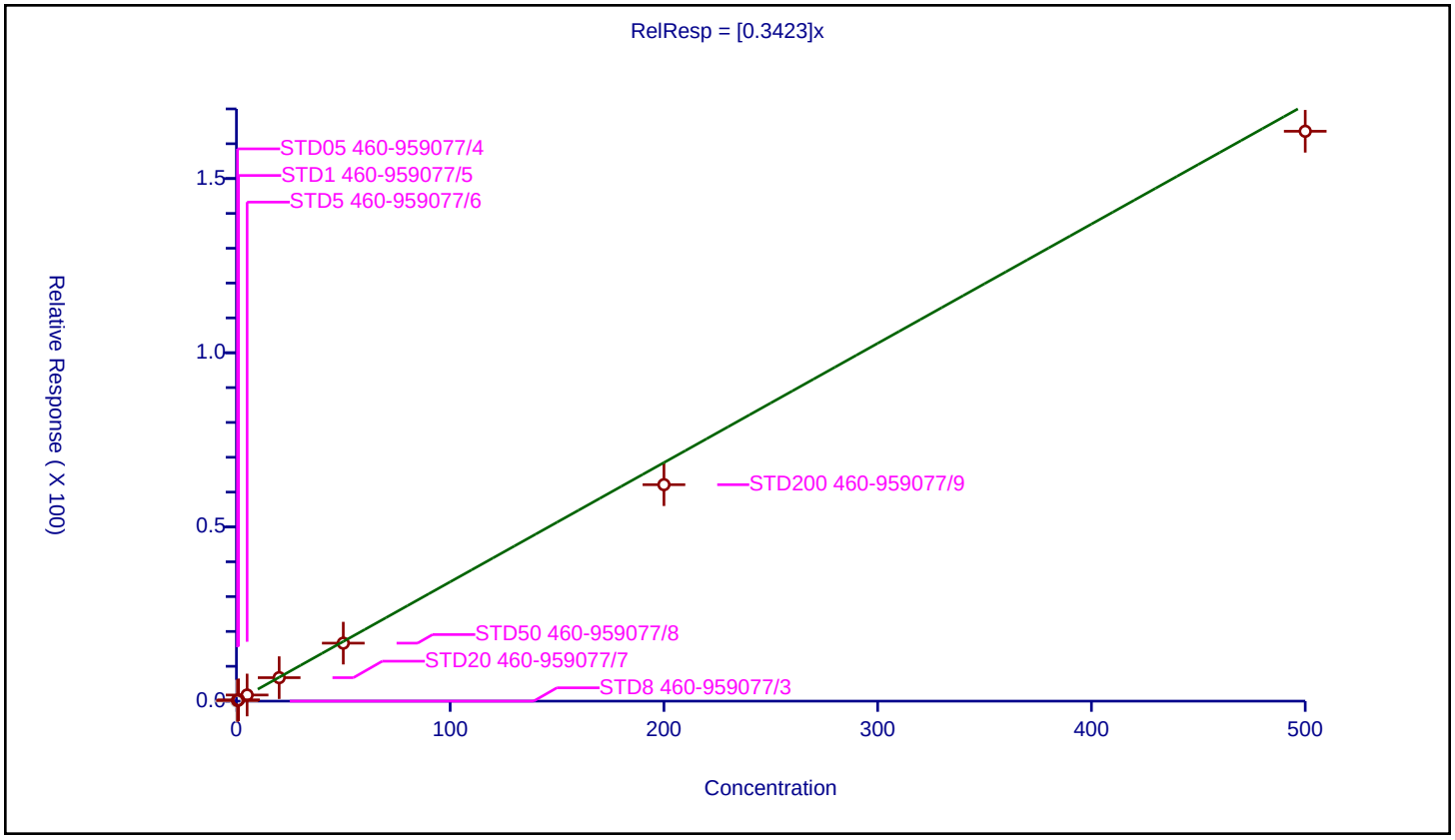
Curve Coefficients

Intercept:	0
Slope:	0.3423

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.183033	50.0	572301.0	0.366066	Y
3	STD1 460-959077/5	1.0	0.37015	50.0	554640.0	0.37015	Y
4	STD5 460-959077/6	5.0	1.763368	50.0	554592.0	0.352674	Y
5	STD20 460-959077/7	20.0	6.736717	50.0	561646.0	0.336836	Y
6	STD50 460-959077/8	50.0	16.643885	50.0	574292.0	0.332878	Y
7	STD200 460-959077/9	200.0	62.138384	50.0	585255.0	0.310692	Y
8	STD500 460-959077/10	500.0	163.574936	50.0	611432.0	0.32715	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

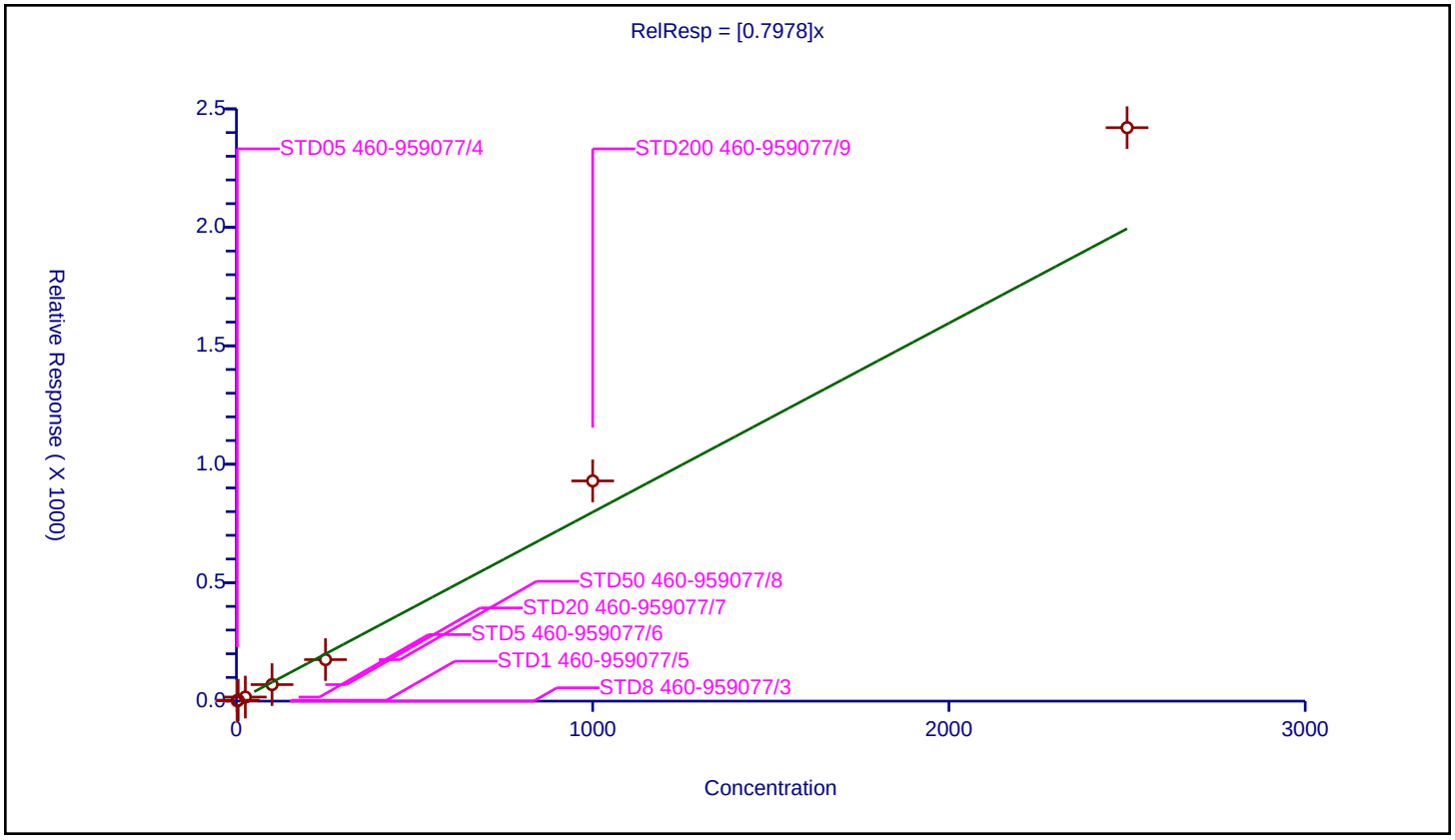
Curve Coefficients

Intercept:	0
Slope:	0.7978

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	2.000262	250.0	343830.0	0.800105	Y
3	STD1 460-959077/5	5.0	3.981416	250.0	338573.0	0.796283	Y
4	STD5 460-959077/6	25.0	17.297142	250.0	335937.0	0.691886	Y
5	STD20 460-959077/7	100.0	69.715536	250.0	360784.0	0.697155	Y
6	STD50 460-959077/8	250.0	175.22246	250.0	351974.0	0.70089	Y
7	STD200 460-959077/9	1000.0	929.657452	250.0	366343.0	0.929657	Y
8	STD500 460-959077/10	2500.0	2420.711043	250.0	348488.0	0.968284	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

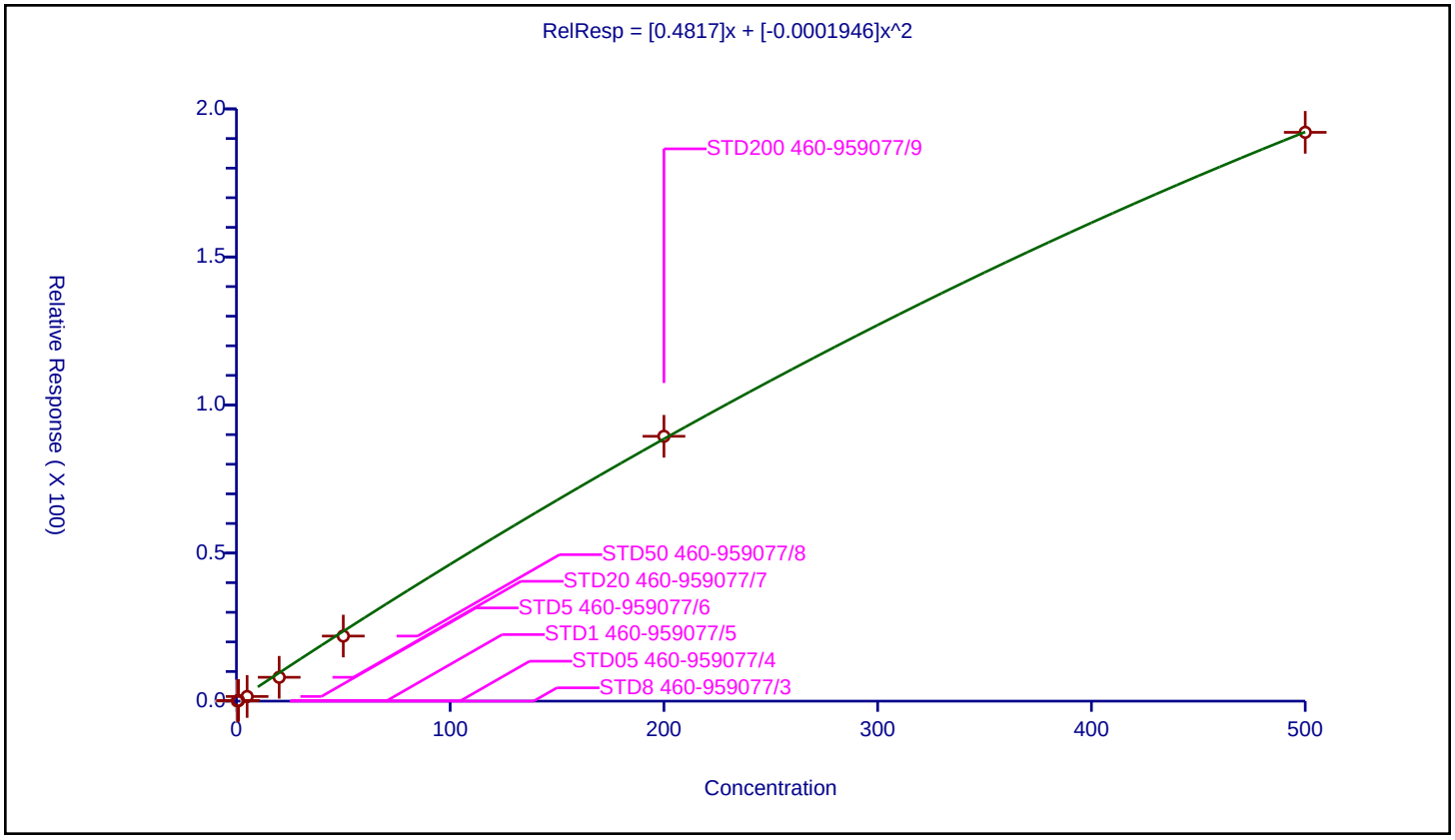
Curve Coefficients

Intercept:	0
Slope:	0.4817
Second Order:	-0.0001946

Error Coefficients

Relative Standard Deviation:	41.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.090599	50.0	572301.0	0.181198	Y
3	STD1 460-959077/5	1.0	0.213472	50.0	554640.0	0.213472	Y
4	STD5 460-959077/6	5.0	1.565746	50.0	554592.0	0.313149	Y
5	STD20 460-959077/7	20.0	8.050979	50.0	561646.0	0.402549	Y
6	STD50 460-959077/8	50.0	21.975493	50.0	574292.0	0.43951	Y
7	STD200 460-959077/9	200.0	89.445968	50.0	585255.0	0.44723	Y
8	STD500 460-959077/10	500.0	192.086283	50.0	611432.0	0.384173	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

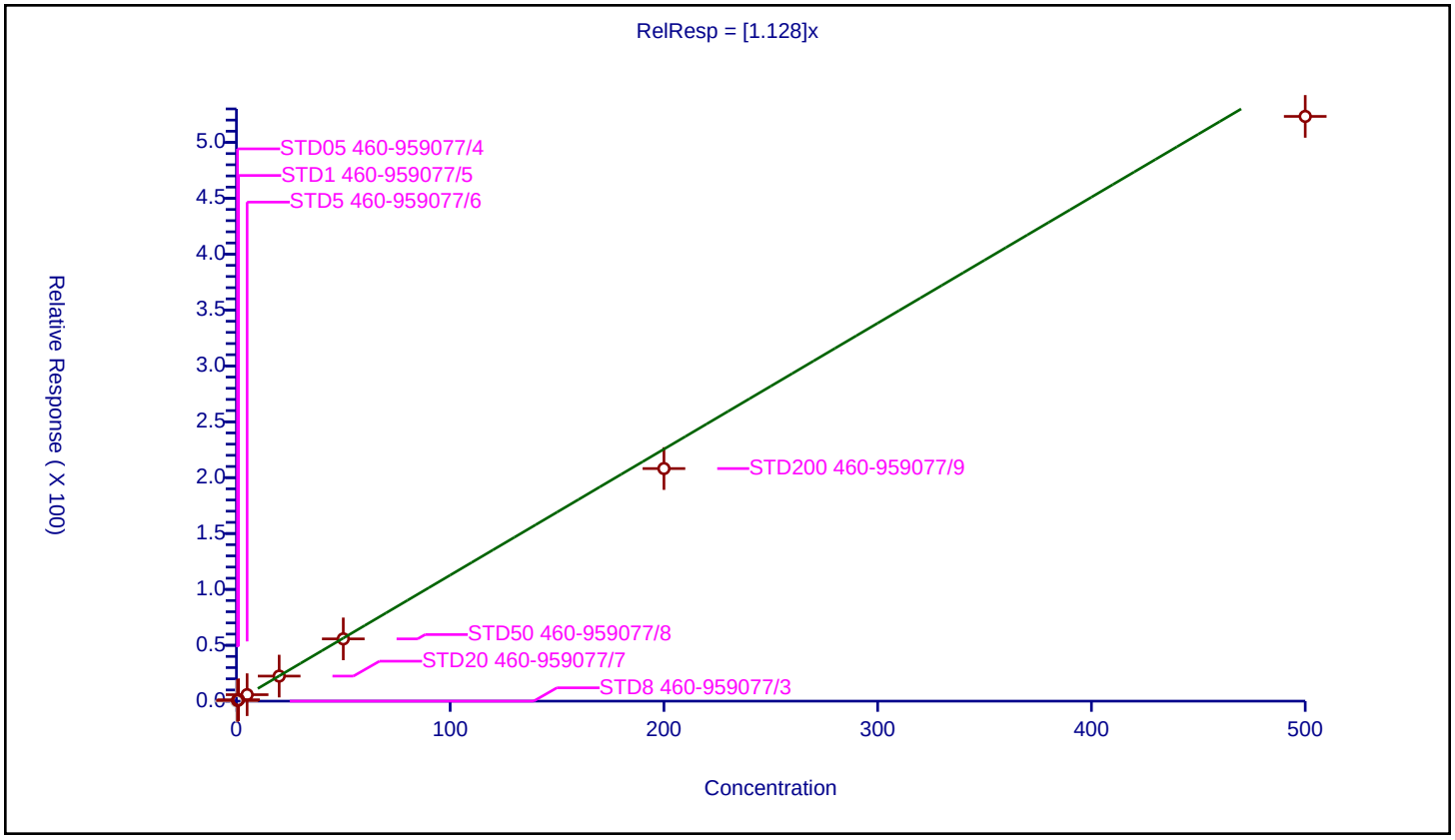
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.588676	50.0	572301.0	1.177352	Y
3	STD1 460-959077/5	1.0	1.235306	50.0	554640.0	1.235306	Y
4	STD5 460-959077/6	5.0	5.787588	50.0	554592.0	1.157518	Y
5	STD20 460-959077/7	20.0	22.416789	50.0	561646.0	1.120839	Y
6	STD50 460-959077/8	50.0	55.717475	50.0	574292.0	1.114349	Y
7	STD200 460-959077/9	200.0	208.147474	50.0	585255.0	1.040737	Y
8	STD500 460-959077/10	500.0	523.282311	50.0	611432.0	1.046565	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

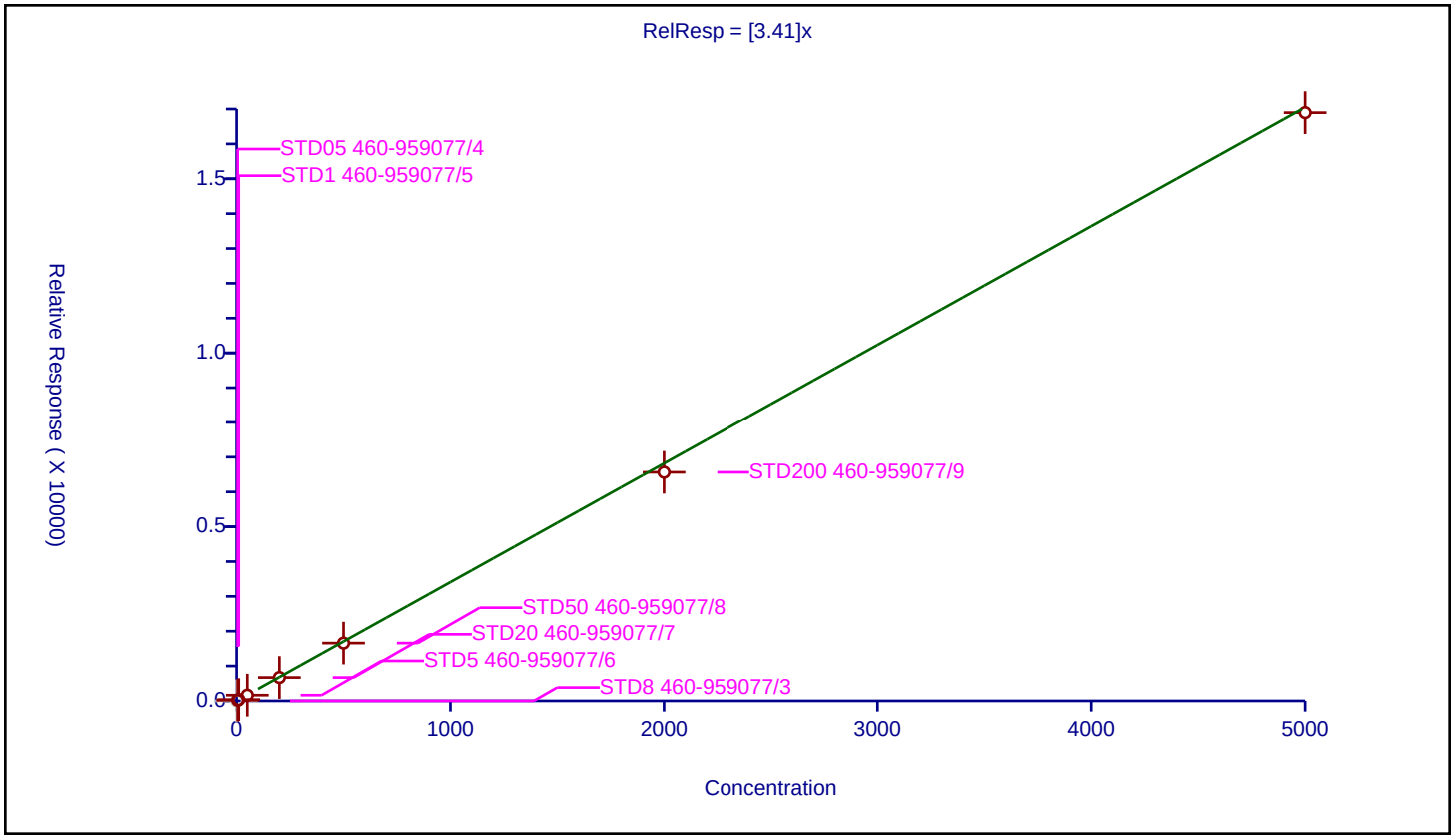
Curve Coefficients

Intercept:	0
Slope:	3.41

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	5.0	17.607916	1000.0	63267.0	3.521583	Y
3	STD1 460-959077/5	10.0	37.363845	1000.0	61878.0	3.736384	Y
4	STD5 460-959077/6	50.0	164.127983	1000.0	60727.0	3.28256	Y
5	STD20 460-959077/7	200.0	670.083357	1000.0	66341.0	3.350417	Y
6	STD50 460-959077/8	500.0	1658.743607	1000.0	63738.0	3.317487	Y
7	STD200 460-959077/9	2000.0	6566.036077	1000.0	68243.0	3.283018	Y
8	STD500 460-959077/10	5000.0	16896.076213	1000.0	60987.0	3.379215	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

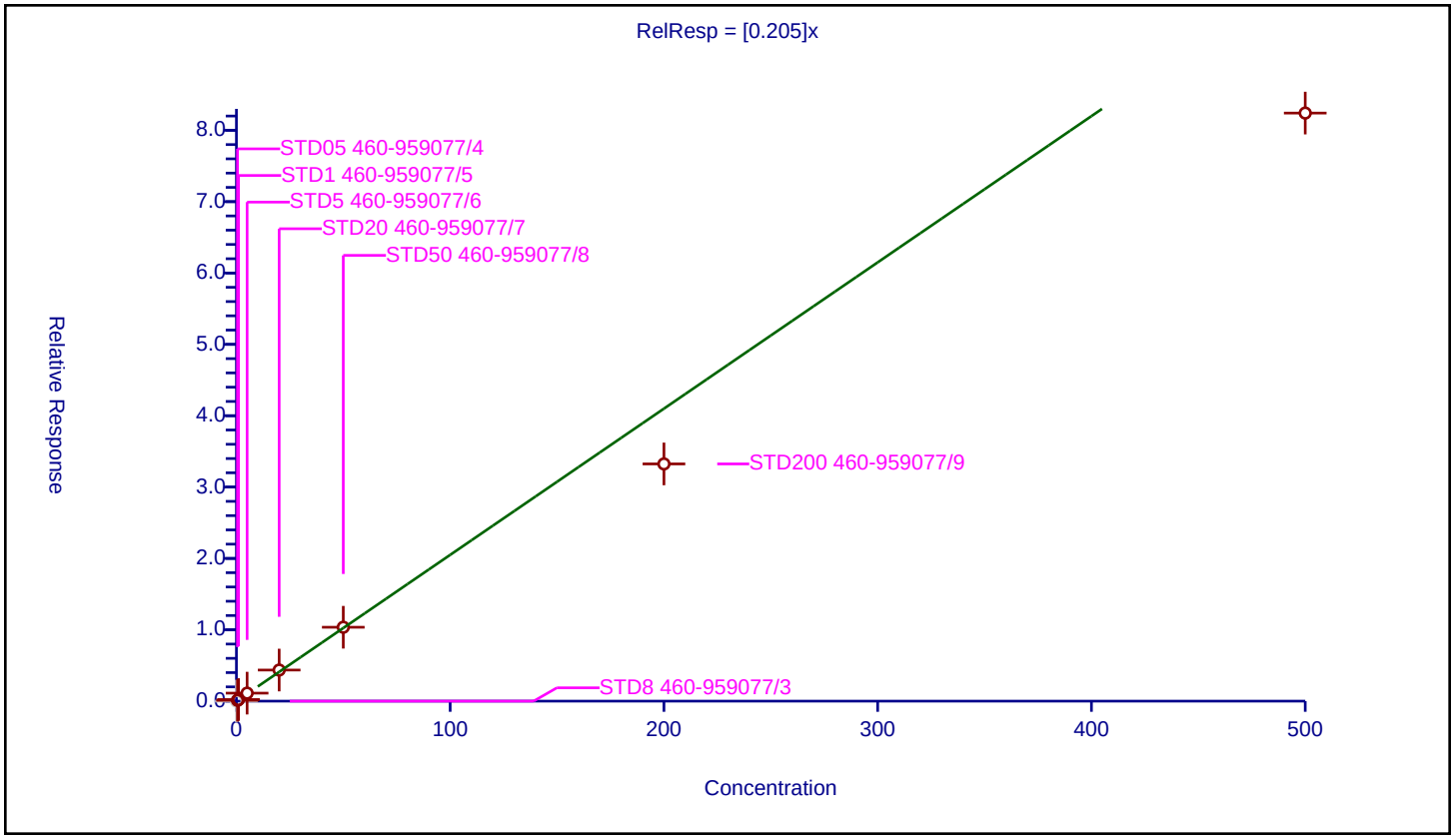
Curve Coefficients

Intercept:	0
Slope:	0.205

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.115935	50.0	572301.0	0.231871	Y
3	STD1 460-959077/5	1.0	0.222126	50.0	554640.0	0.222126	Y
4	STD5 460-959077/6	5.0	1.123168	50.0	554592.0	0.224634	Y
5	STD20 460-959077/7	20.0	4.359419	50.0	561646.0	0.217971	Y
6	STD50 460-959077/8	50.0	10.356752	50.0	574292.0	0.207135	Y
7	STD200 460-959077/9	200.0	33.243458	50.0	585255.0	0.166217	Y
8	STD500 460-959077/10	500.0	82.41358	50.0	611432.0	0.164827	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

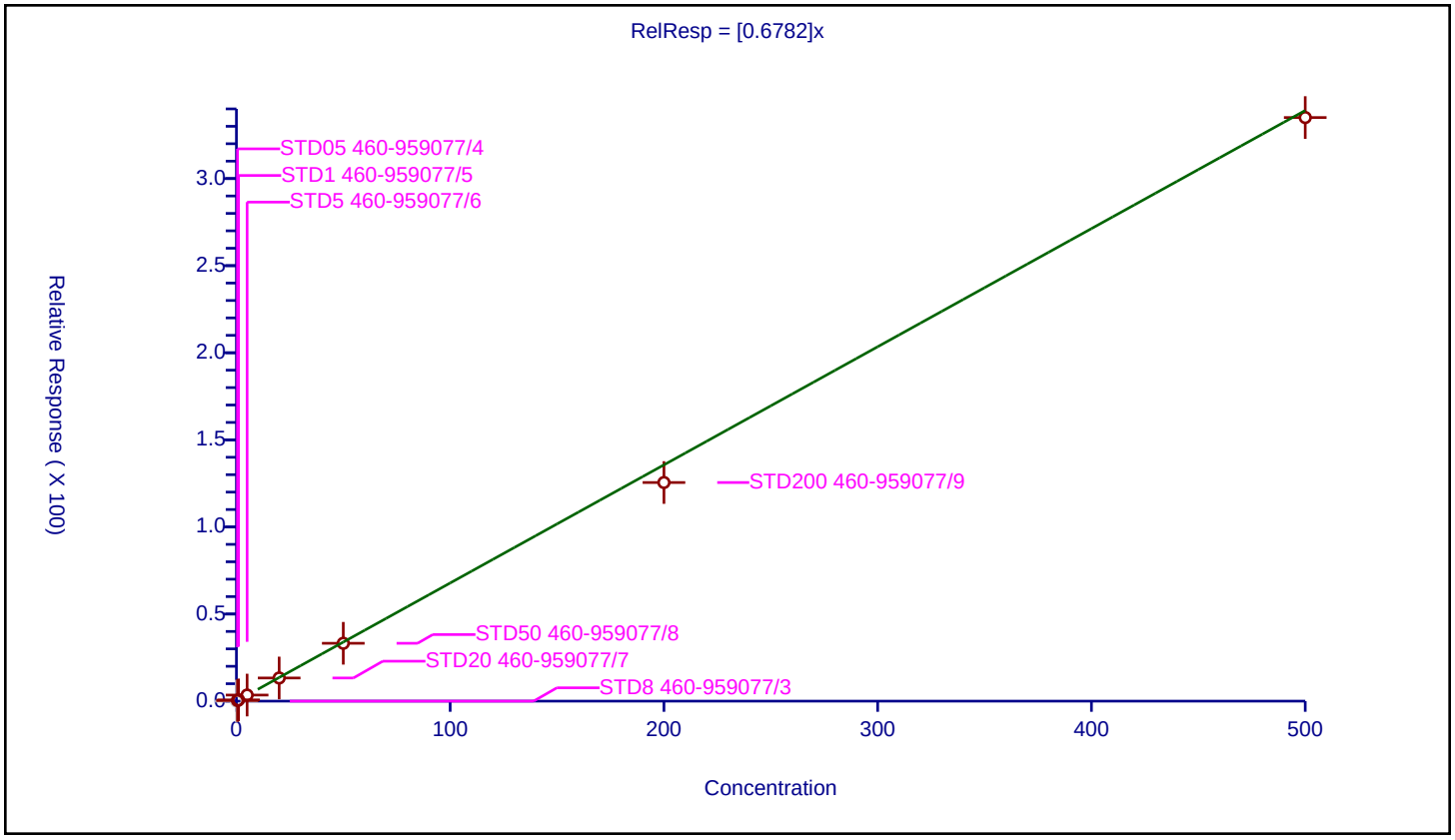
Curve Coefficients

Intercept:	0
Slope:	0.6782

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.35366	50.0	572301.0	0.70732	Y
3	STD1 460-959077/5	1.0	0.71587	50.0	554640.0	0.71587	Y
4	STD5 460-959077/6	5.0	3.487789	50.0	554592.0	0.697558	Y
5	STD20 460-959077/7	20.0	13.289065	50.0	561646.0	0.664453	Y
6	STD50 460-959077/8	50.0	33.22134	50.0	574292.0	0.664427	Y
7	STD200 460-959077/9	200.0	125.511358	50.0	585255.0	0.627557	Y
8	STD500 460-959077/10	500.0	335.035621	50.0	611432.0	0.670071	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

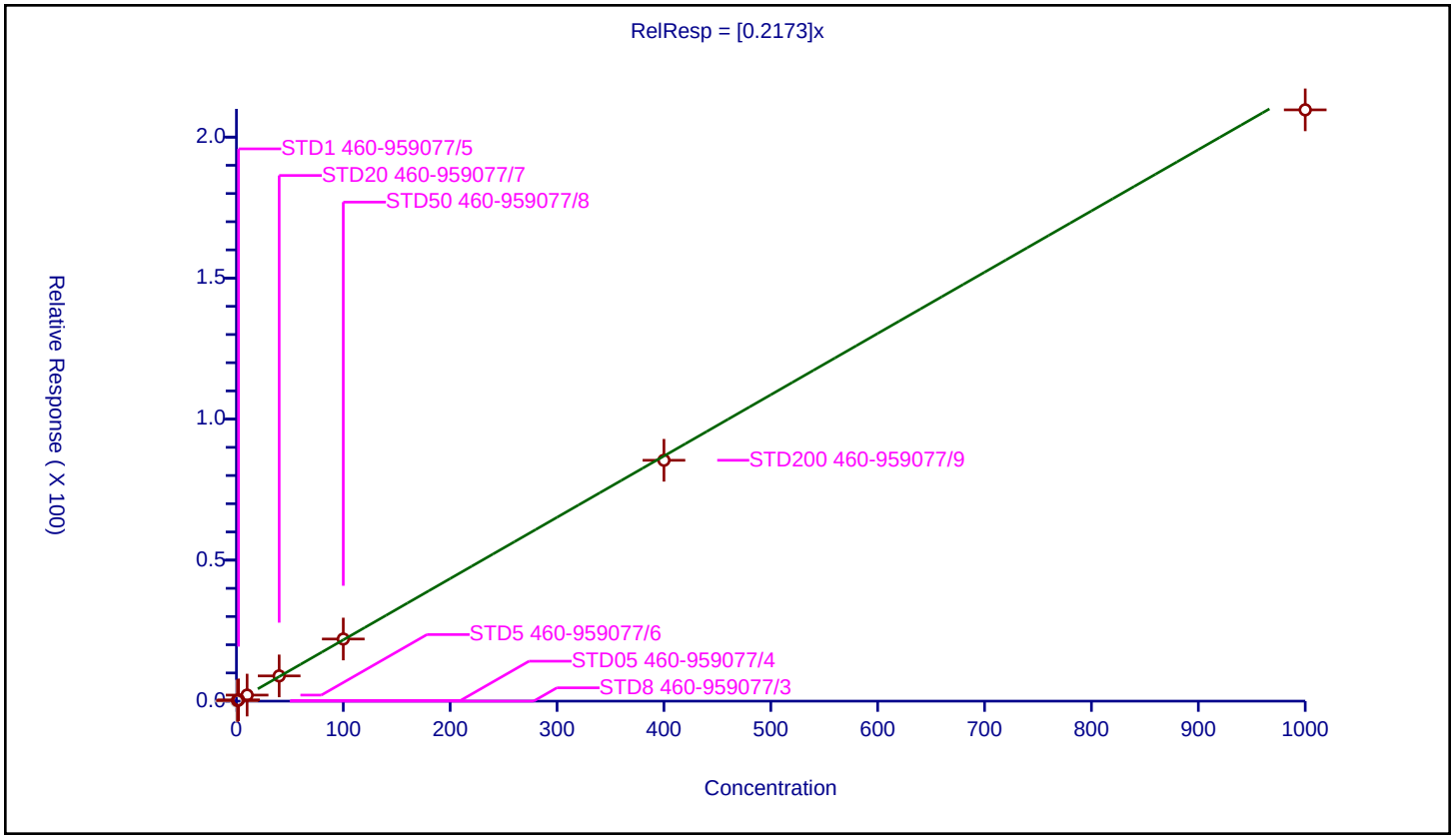
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.21597	50.0	572301.0	0.21597	Y
3	STD1 460-959077/5	2.0	0.445965	50.0	554640.0	0.222982	Y
4	STD5 460-959077/6	10.0	2.146984	50.0	554592.0	0.214698	Y
5	STD20 460-959077/7	40.0	8.95119	50.0	561646.0	0.22378	Y
6	STD50 460-959077/8	100.0	22.031214	50.0	574292.0	0.220312	Y
7	STD200 460-959077/9	400.0	85.407216	50.0	585255.0	0.213518	Y
8	STD500 460-959077/10	1000.0	209.657002	50.0	611432.0	0.209657	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

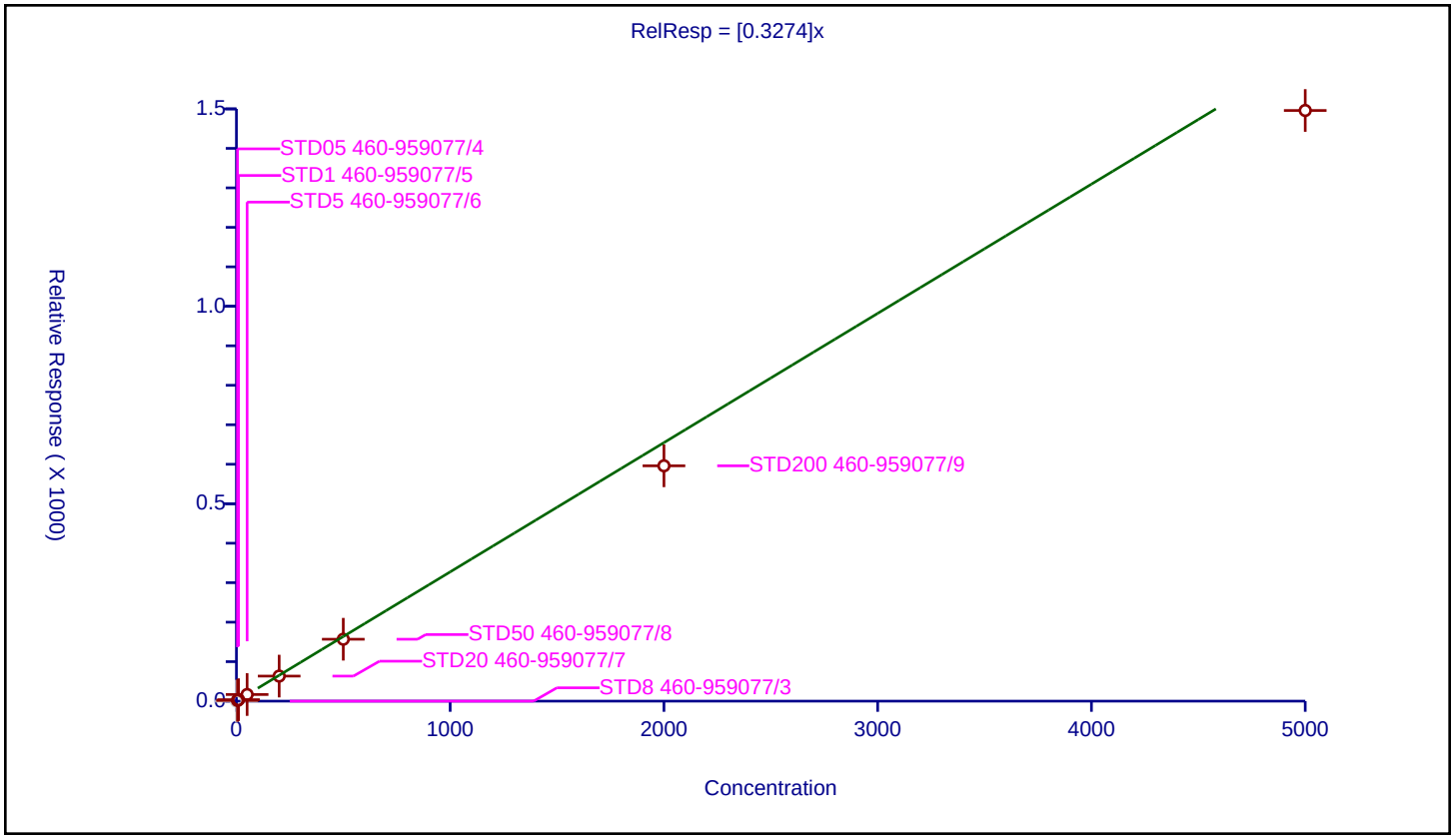
Curve Coefficients

Intercept:	0
Slope:	0.3274

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	5.0	1.798854	250.0	343830.0	0.359771	Y
3	STD1 460-959077/5	10.0	3.687536	250.0	338573.0	0.368754	Y
4	STD5 460-959077/6	50.0	16.742723	250.0	335937.0	0.334854	Y
5	STD20 460-959077/7	200.0	63.47011	250.0	360784.0	0.317351	Y
6	STD50 460-959077/8	500.0	156.811299	250.0	351974.0	0.313623	Y
7	STD200 460-959077/9	2000.0	596.03773	250.0	366343.0	0.298019	Y
8	STD500 460-959077/10	5000.0	1495.957537	250.0	348488.0	0.299192	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

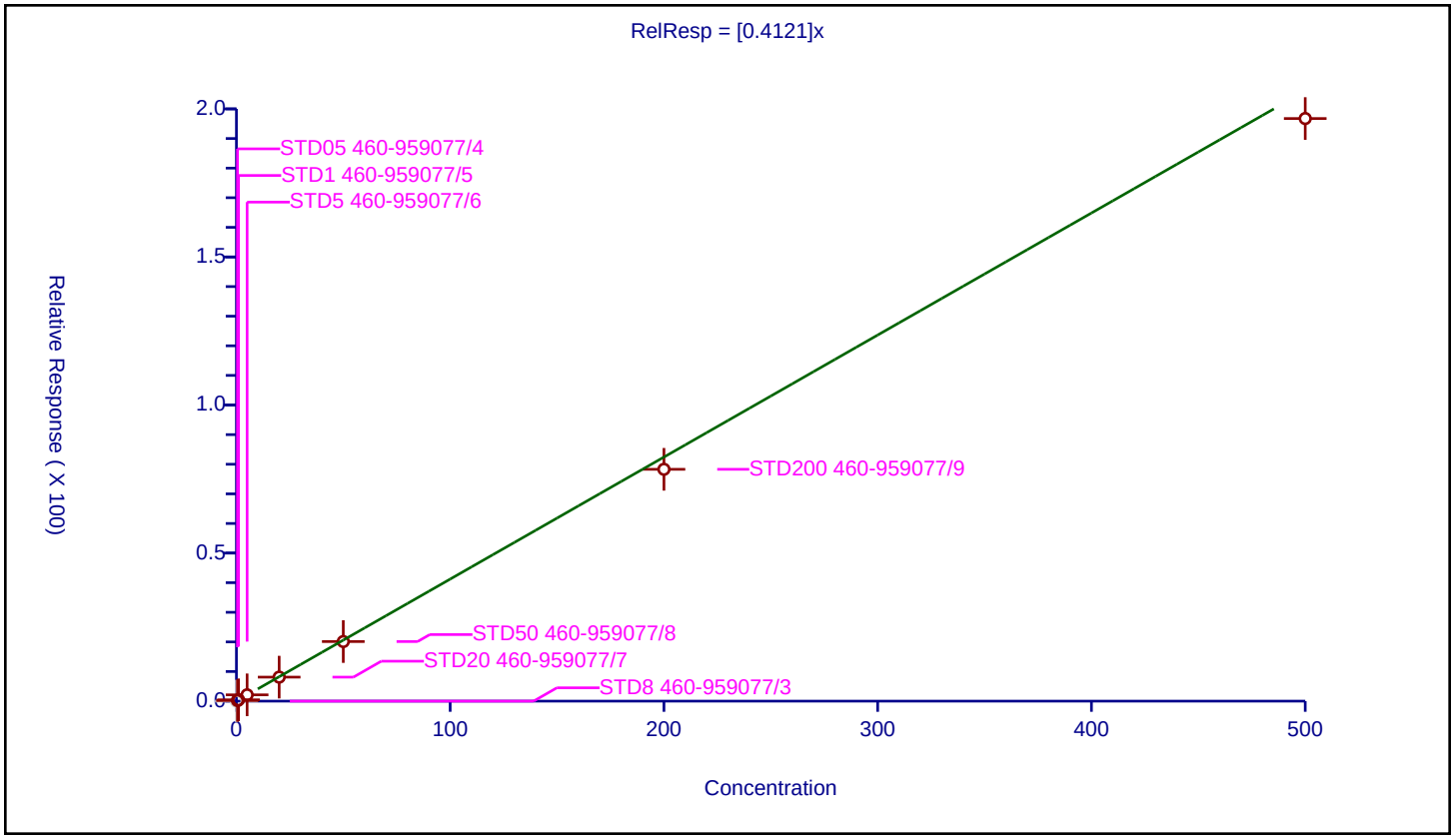
Curve Coefficients

Intercept:	0
Slope:	0.4121

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.208806	50.0	572301.0	0.417612	Y
3	STD1 460-959077/5	1.0	0.44903	50.0	554640.0	0.44903	Y
4	STD5 460-959077/6	5.0	2.126338	50.0	554592.0	0.425268	Y
5	STD20 460-959077/7	20.0	8.107776	50.0	561646.0	0.405389	Y
6	STD50 460-959077/8	50.0	20.124257	50.0	574292.0	0.402485	Y
7	STD200 460-959077/9	200.0	78.291685	50.0	585255.0	0.391458	Y
8	STD500 460-959077/10	500.0	196.741911	50.0	611432.0	0.393484	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

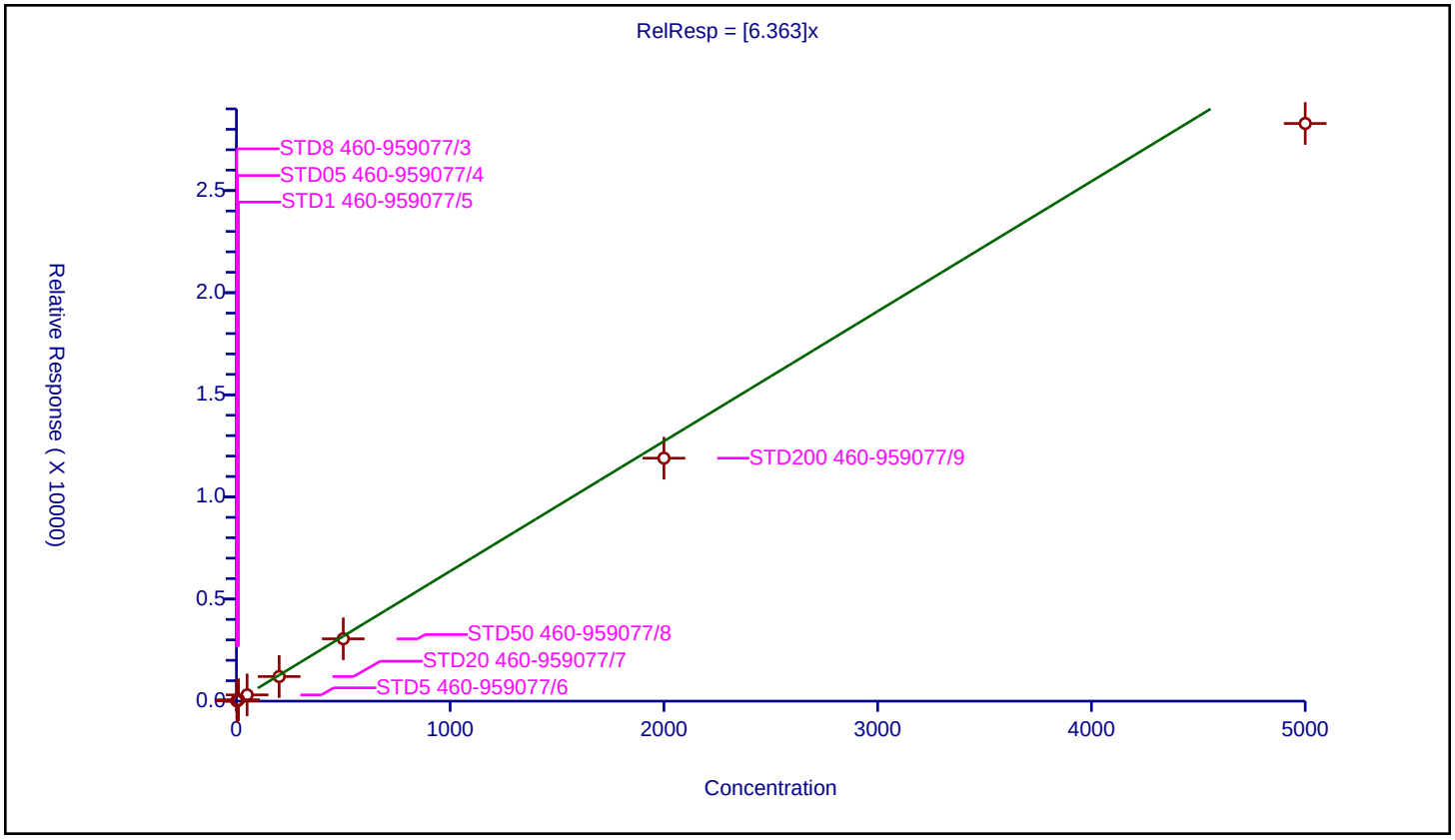
Curve Coefficients

Intercept:	0
Slope:	6.363

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	2.0	14.571348	1000.0	63618.0	7.285674	Y
2	STD05 460-959077/4	5.0	35.105189	1000.0	63267.0	7.021038	Y
3	STD1 460-959077/5	10.0	67.229064	1000.0	61878.0	6.722906	Y
4	STD5 460-959077/6	50.0	307.145092	1000.0	60727.0	6.142902	Y
5	STD20 460-959077/7	200.0	1204.368339	1000.0	66341.0	6.021842	Y
6	STD50 460-959077/8	500.0	3052.260818	1000.0	63738.0	6.104522	Y
7	STD200 460-959077/9	2000.0	11896.722008	1000.0	68243.0	5.948361	Y
8	STD500 460-959077/10	5000.0	28284.896781	1000.0	60987.0	5.656979	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

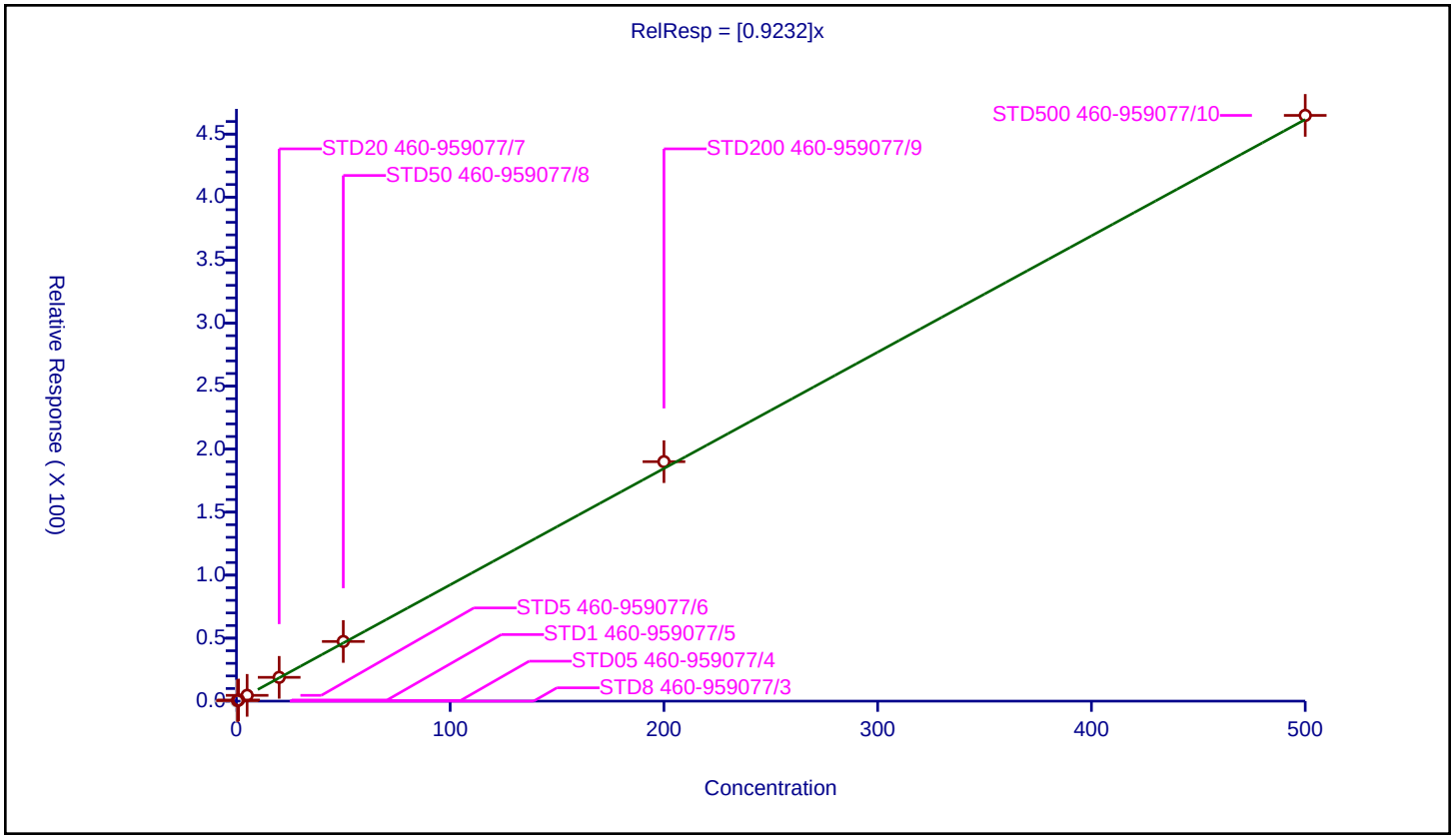
Curve Coefficients

Intercept:	0
Slope:	0.9232

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.440939	50.0	572301.0	0.881879	Y
3	STD1 460-959077/5	1.0	0.890397	50.0	554640.0	0.890397	Y
4	STD5 460-959077/6	5.0	4.591934	50.0	554592.0	0.918387	Y
5	STD20 460-959077/7	20.0	18.888766	50.0	561646.0	0.944438	Y
6	STD50 460-959077/8	50.0	47.357877	50.0	574292.0	0.947158	Y
7	STD200 460-959077/9	200.0	190.046988	50.0	585255.0	0.950235	Y
8	STD500 460-959077/10	500.0	464.837627	50.0	611432.0	0.929675	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

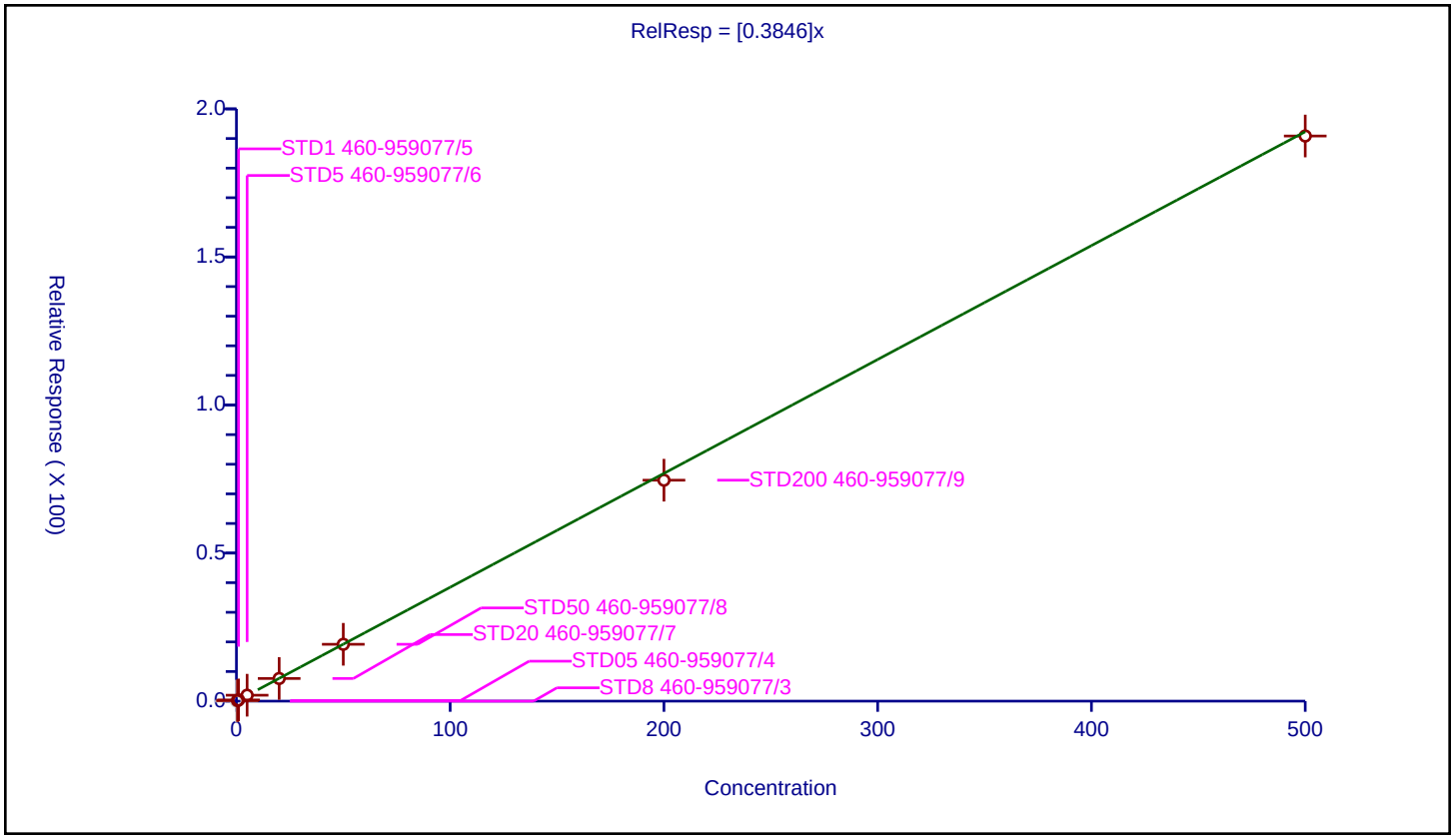
Curve Coefficients

Intercept:	0
Slope:	0.3846

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.187751	50.0	572301.0	0.375502	Y
3	STD1 460-959077/5	1.0	0.395932	50.0	554640.0	0.395932	Y
4	STD5 460-959077/6	5.0	1.997685	50.0	554592.0	0.399537	Y
5	STD20 460-959077/7	20.0	7.647878	50.0	561646.0	0.382394	Y
6	STD50 460-959077/8	50.0	19.19668	50.0	574292.0	0.383934	Y
7	STD200 460-959077/9	200.0	74.613459	50.0	585255.0	0.373067	Y
8	STD500 460-959077/10	500.0	190.846979	50.0	611432.0	0.381694	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

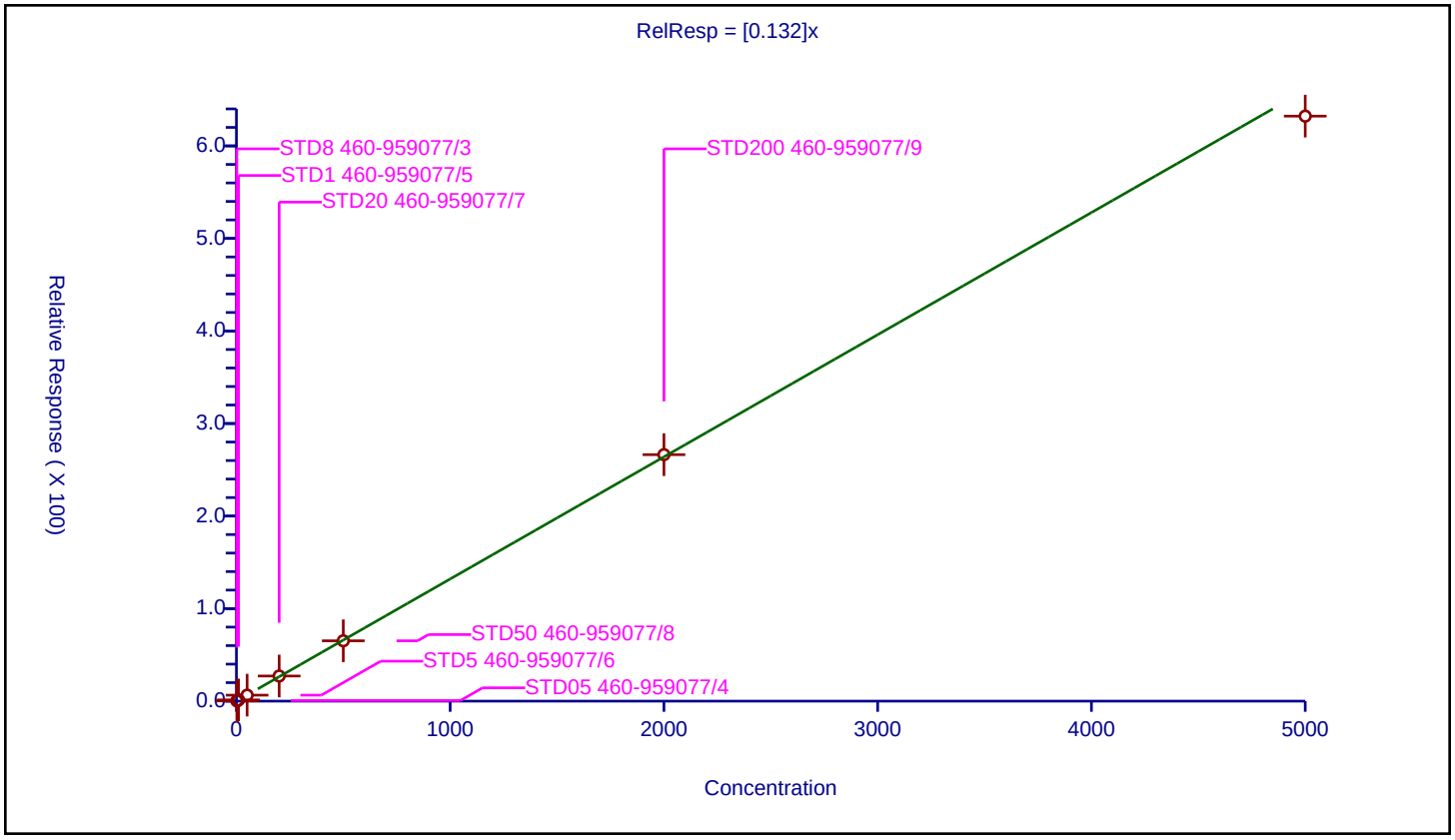
Curve Coefficients

Intercept:	0
Slope:	0.132

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	2.0	0.275041	50.0	574097.0	0.13752	Y
2	STD05 460-959077/4	5.0	0.655337	50.0	572301.0	0.131067	Y
3	STD1 460-959077/5	10.0	1.321488	50.0	554640.0	0.132149	Y
4	STD5 460-959077/6	50.0	6.471424	50.0	554592.0	0.129428	Y
5	STD20 460-959077/7	200.0	27.158121	50.0	561646.0	0.135791	Y
6	STD50 460-959077/8	500.0	65.21752	50.0	574292.0	0.130435	Y
7	STD200 460-959077/9	2000.0	266.352103	50.0	585255.0	0.133176	Y
8	STD500 460-959077/10	5000.0	632.167518	50.0	611432.0	0.126434	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

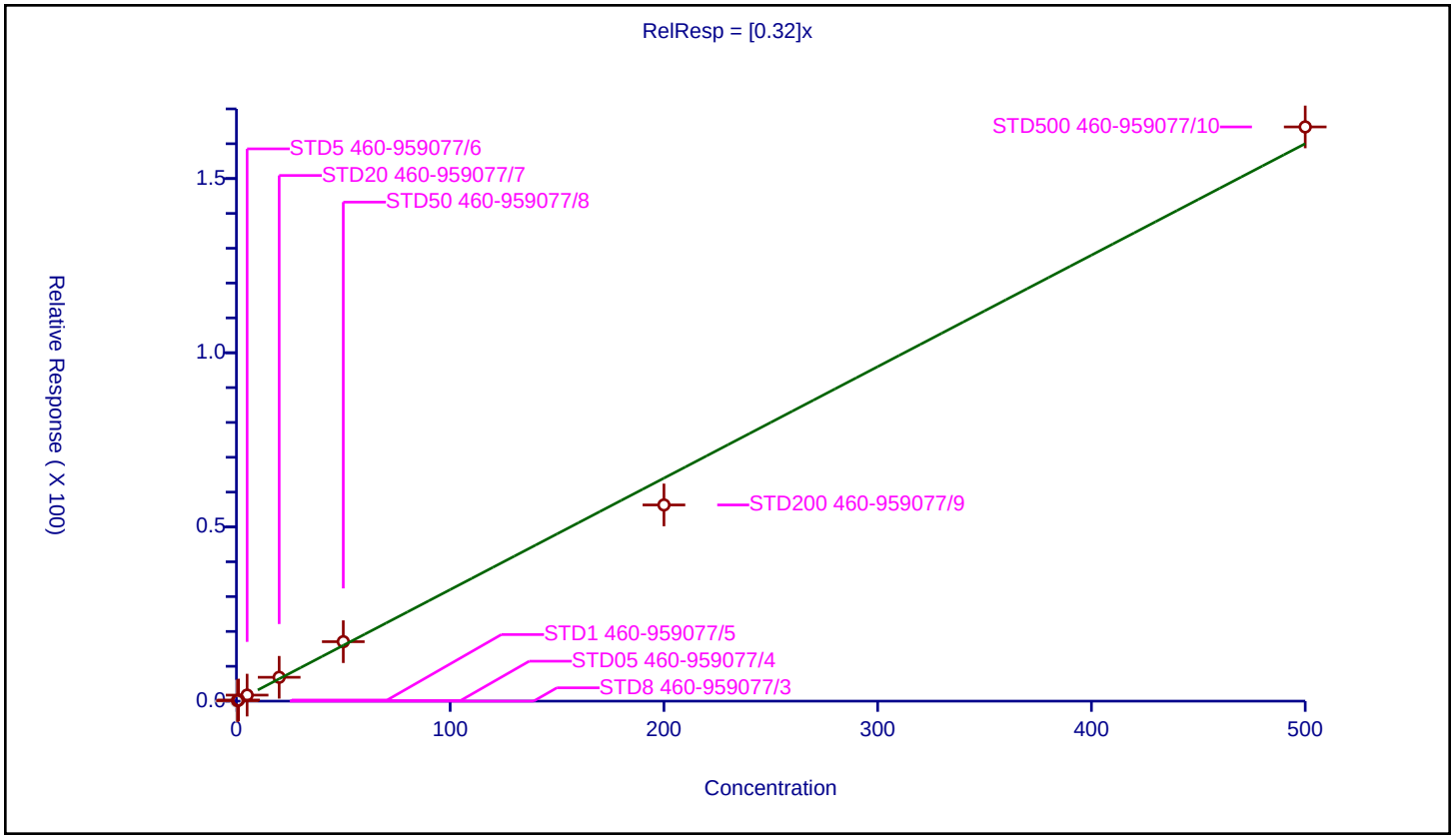
Curve Coefficients

Intercept:	0
Slope:	0.32

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.142145	50.0	572301.0	0.284291	Y
3	STD1 460-959077/5	1.0	0.314348	50.0	554640.0	0.314348	Y
4	STD5 460-959077/6	5.0	1.733527	50.0	554592.0	0.346705	Y
5	STD20 460-959077/7	20.0	6.845059	50.0	561646.0	0.342253	Y
6	STD50 460-959077/8	50.0	17.070758	50.0	574292.0	0.341415	Y
7	STD200 460-959077/9	200.0	56.319724	50.0	585255.0	0.281599	Y
8	STD500 460-959077/10	500.0	164.824134	50.0	611432.0	0.329648	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

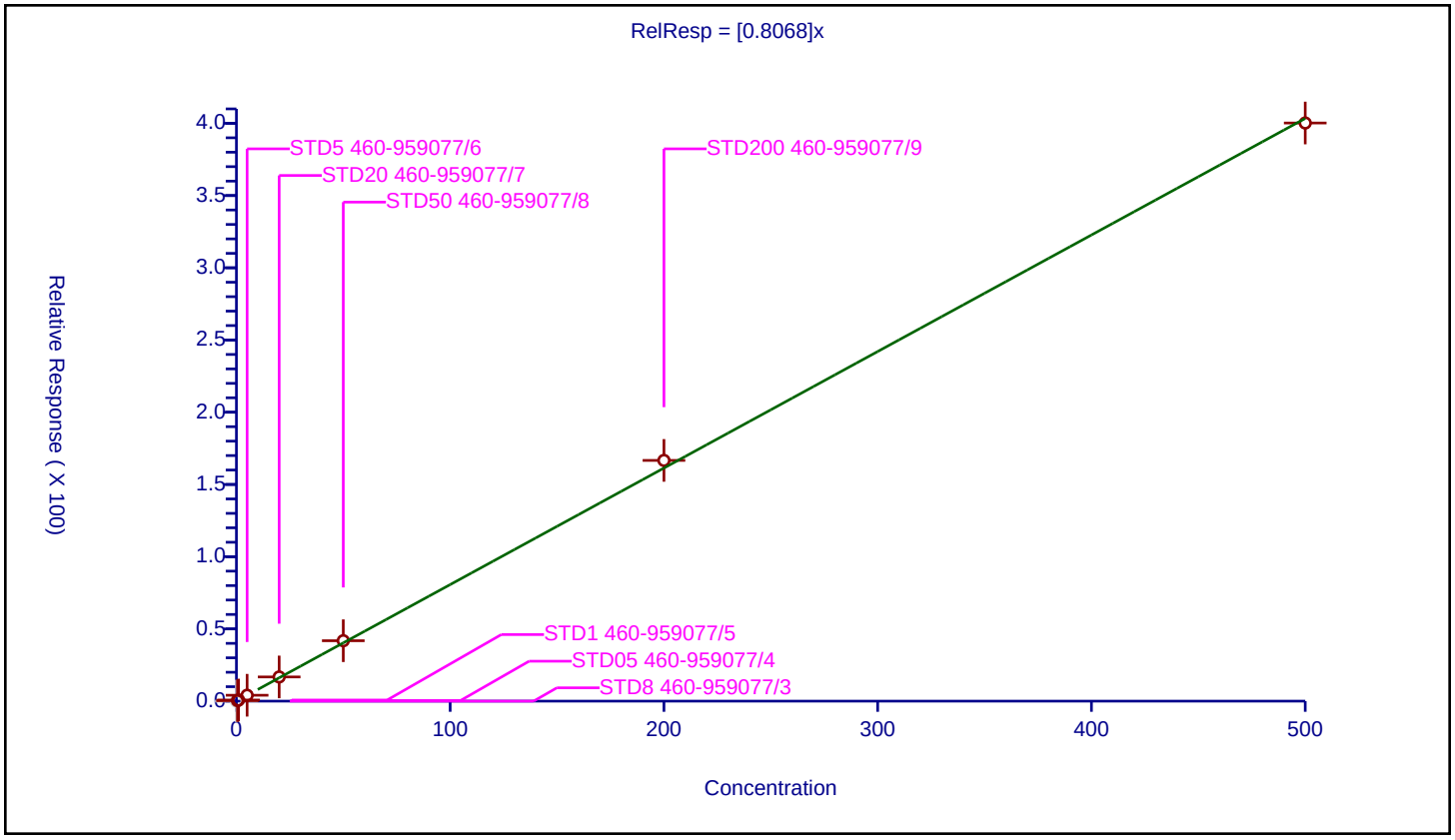
Curve Coefficients

Intercept:	0
Slope:	0.8068

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.377773	50.0	572301.0	0.755546	Y
3	STD1 460-959077/5	1.0	0.769238	50.0	554640.0	0.769238	Y
4	STD5 460-959077/6	5.0	4.075428	50.0	554592.0	0.815086	Y
5	STD20 460-959077/7	20.0	16.747026	50.0	561646.0	0.837351	Y
6	STD50 460-959077/8	50.0	41.825239	50.0	574292.0	0.836505	Y
7	STD200 460-959077/9	200.0	166.644881	50.0	585255.0	0.833224	Y
8	STD500 460-959077/10	500.0	400.222265	50.0	611432.0	0.800445	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

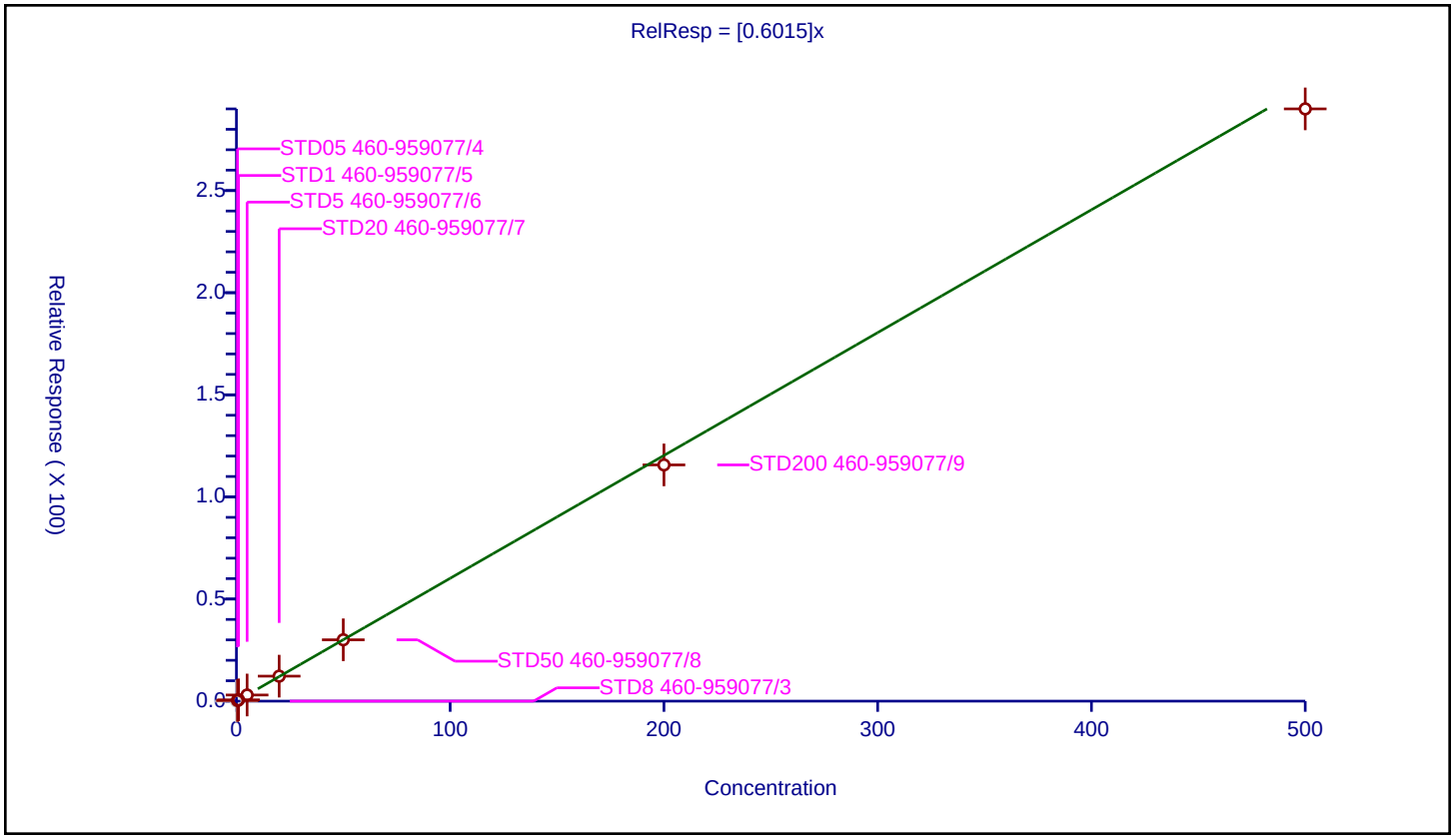
Curve Coefficients

Intercept:	0
Slope:	0.6015

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.304473	50.0	572301.0	0.608945	Y
3	STD1 460-959077/5	1.0	0.628606	50.0	554640.0	0.628606	Y
4	STD5 460-959077/6	5.0	3.009059	50.0	554592.0	0.601812	Y
5	STD20 460-959077/7	20.0	12.236266	50.0	561646.0	0.611813	Y
6	STD50 460-959077/8	50.0	30.045343	50.0	574292.0	0.600907	Y
7	STD200 460-959077/9	200.0	115.672057	50.0	585255.0	0.57836	Y
8	STD500 460-959077/10	500.0	289.995372	50.0	611432.0	0.579991	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

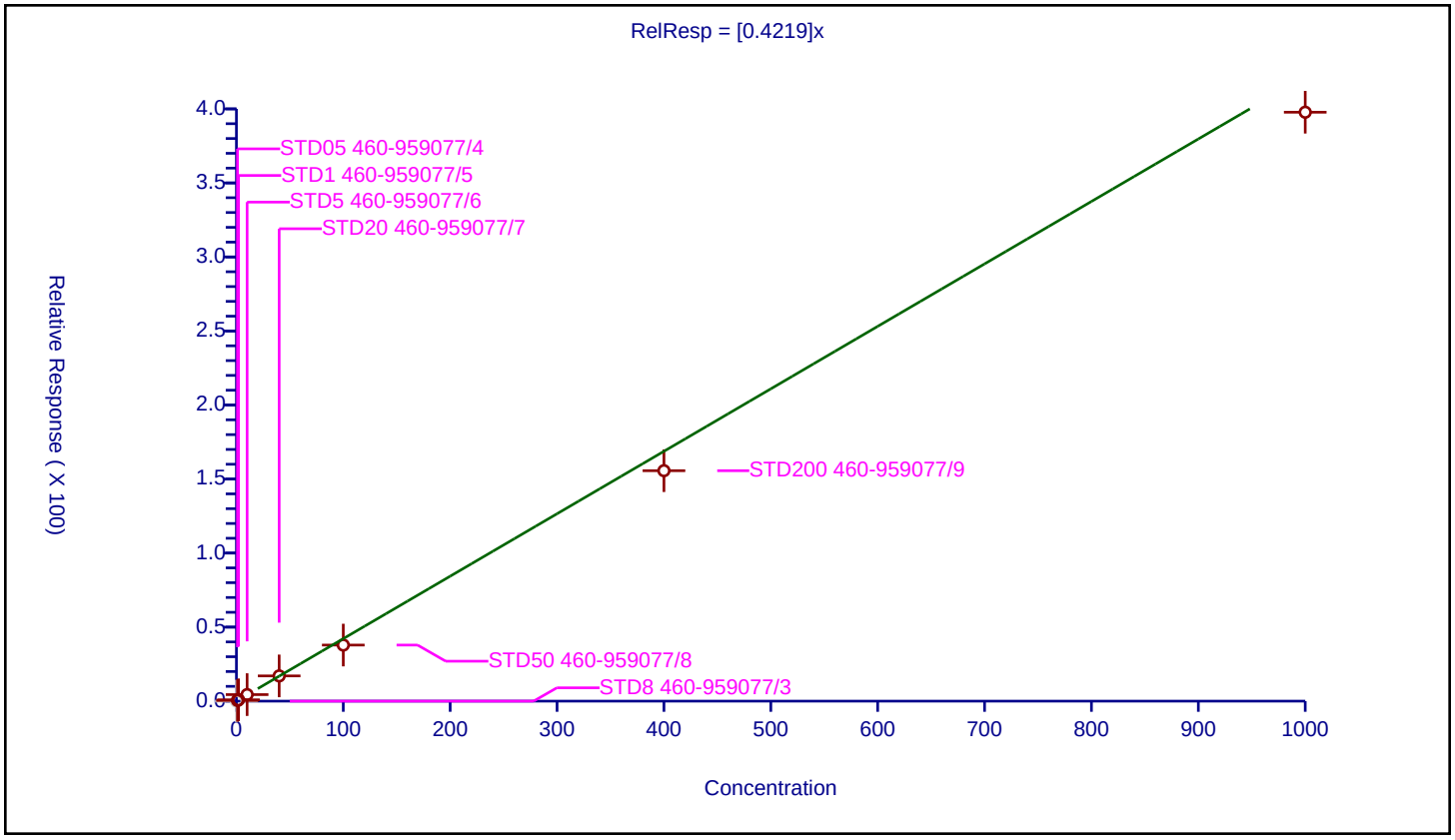
Curve Coefficients

Intercept:	0
Slope:	0.4219

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	1.0	0.47698	250.0	343830.0	0.47698	Y
3	STD1 460-959077/5	2.0	0.885333	250.0	338573.0	0.442667	Y
4	STD5 460-959077/6	10.0	4.419728	250.0	335937.0	0.441973	Y
5	STD20 460-959077/7	40.0	17.035124	250.0	360784.0	0.425878	Y
6	STD50 460-959077/8	100.0	37.868564	250.0	351974.0	0.378686	Y
7	STD200 460-959077/9	400.0	155.63966	250.0	366343.0	0.389099	Y
8	STD500 460-959077/10	1000.0	397.755446	250.0	348488.0	0.397755	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

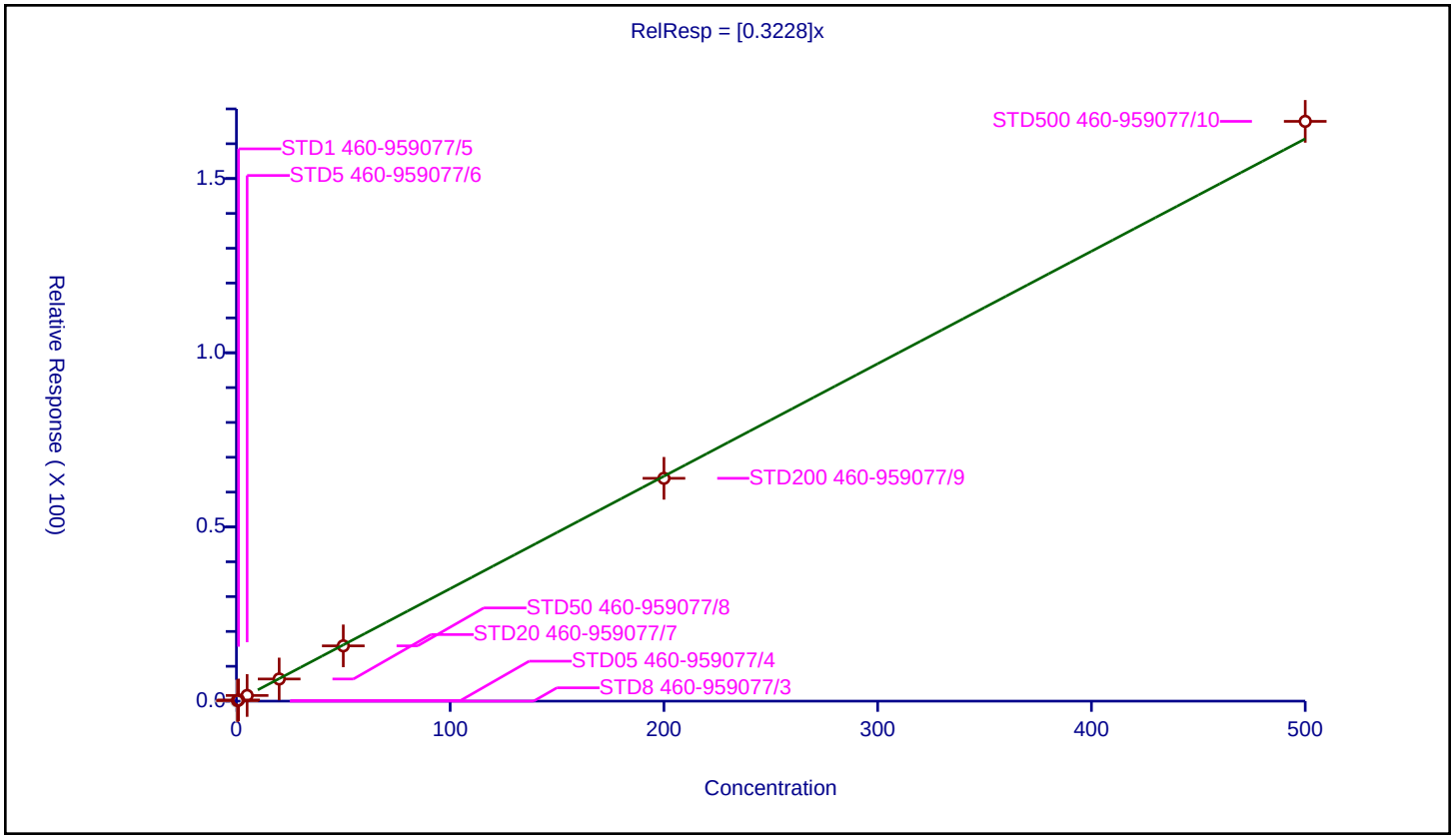
Curve Coefficients

Intercept:	0
Slope:	0.3228

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.156648	50.0	572301.0	0.313297	Y
3	STD1 460-959077/5	1.0	0.33355	50.0	554640.0	0.33355	Y
4	STD5 460-959077/6	5.0	1.625339	50.0	554592.0	0.325068	Y
5	STD20 460-959077/7	20.0	6.358721	50.0	561646.0	0.317936	Y
6	STD50 460-959077/8	50.0	15.864665	50.0	574292.0	0.317293	Y
7	STD200 460-959077/9	200.0	63.961008	50.0	585255.0	0.319805	Y
8	STD500 460-959077/10	500.0	166.422268	50.0	611432.0	0.332845	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

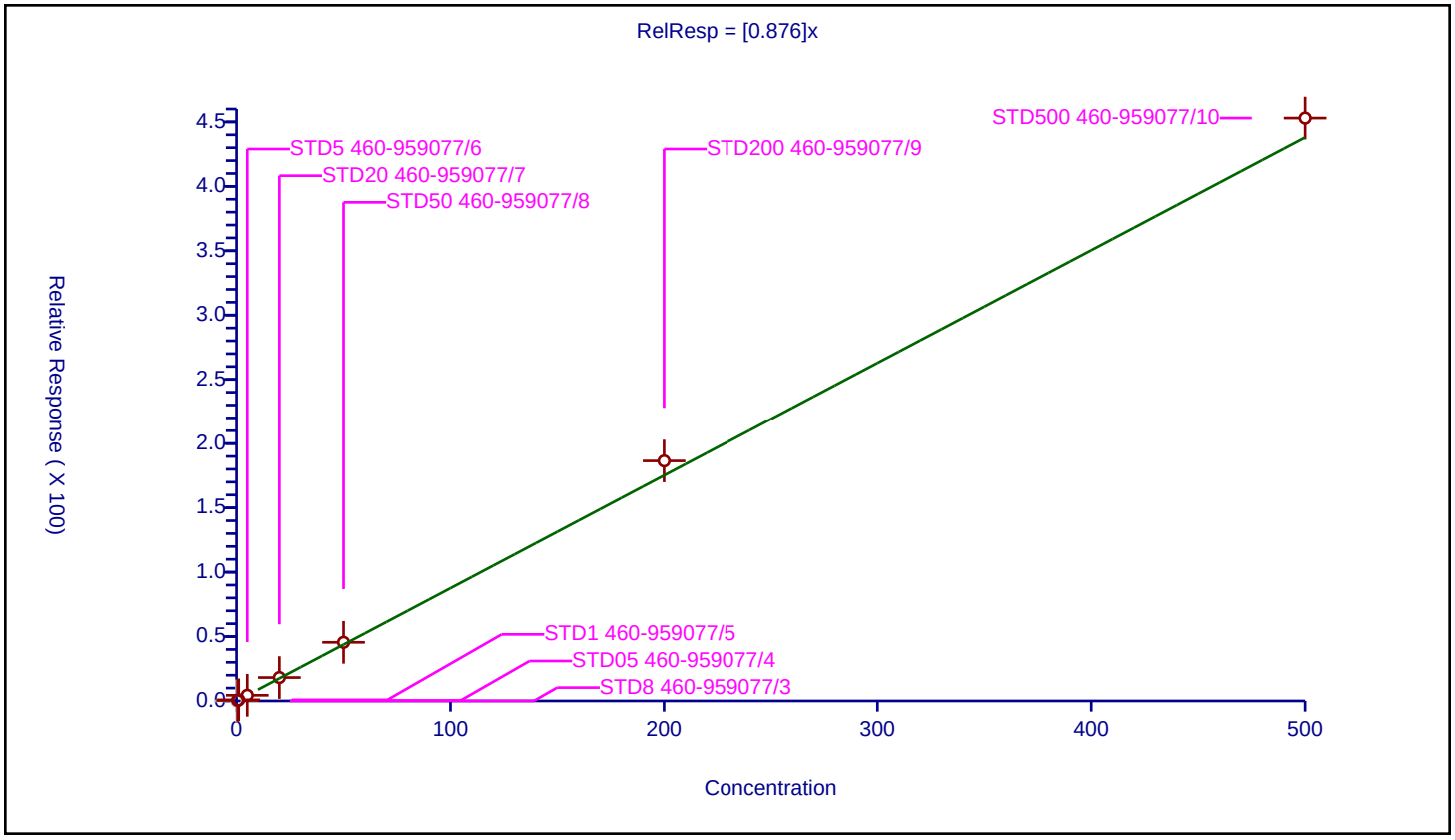
Curve Coefficients

Intercept:	0
Slope:	0.876

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.370434	50.0	572301.0	0.740869	Y
3	STD1 460-959077/5	1.0	0.853166	50.0	554640.0	0.853166	Y
4	STD5 460-959077/6	5.0	4.400532	50.0	554592.0	0.880106	Y
5	STD20 460-959077/7	20.0	18.168473	50.0	561646.0	0.908424	Y
6	STD50 460-959077/8	50.0	45.545559	50.0	574292.0	0.910911	Y
7	STD200 460-959077/9	200.0	186.483926	50.0	585255.0	0.93242	Y
8	STD500 460-959077/10	500.0	452.975883	50.0	611432.0	0.905952	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

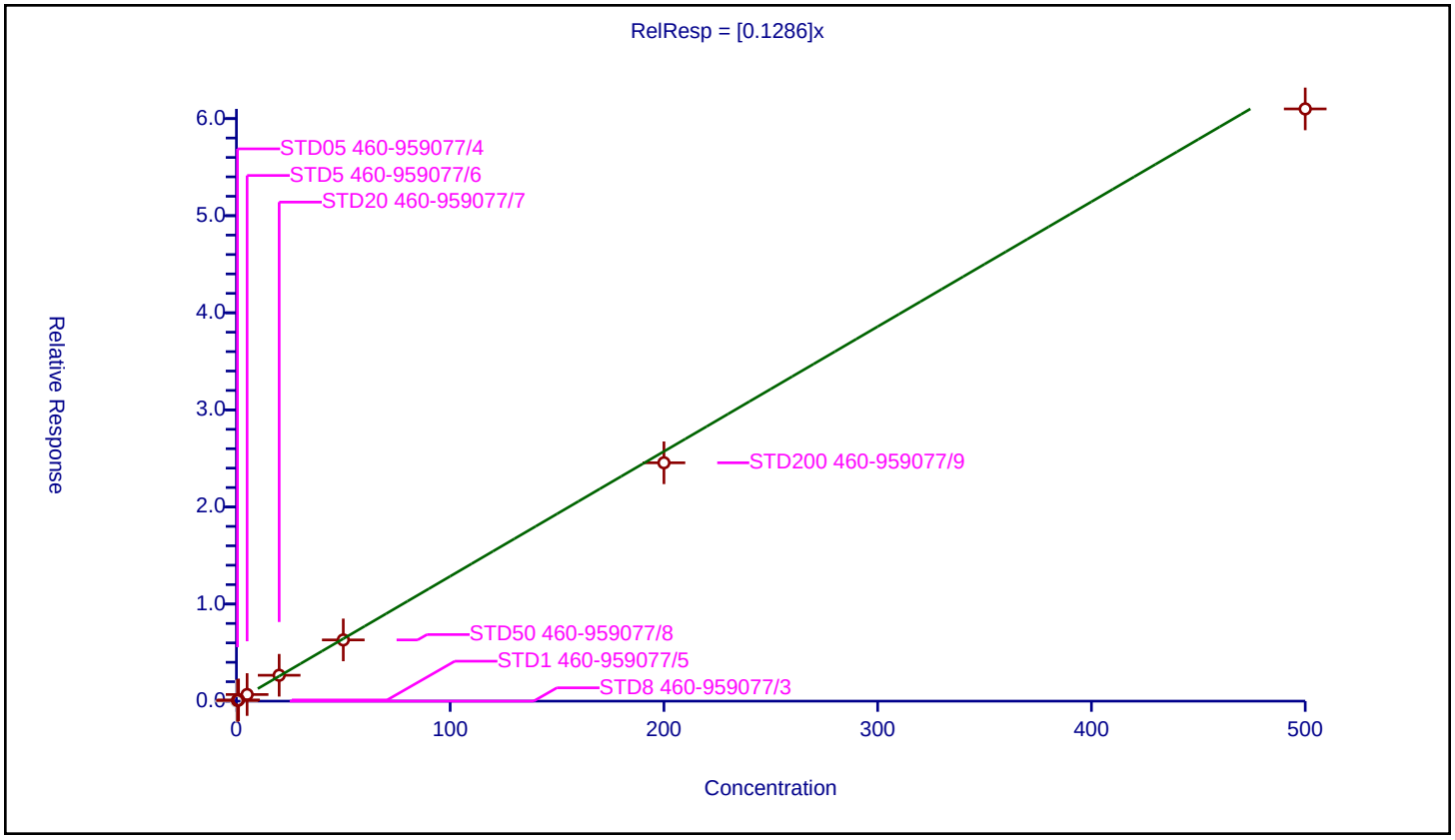
Curve Coefficients

Intercept:	0
Slope:	0.1286

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.06867	50.0	572301.0	0.13734	Y
3	STD1 460-959077/5	1.0	0.122332	50.0	554640.0	0.122332	Y
4	STD5 460-959077/6	5.0	0.682033	50.0	554592.0	0.136407	Y
5	STD20 460-959077/7	20.0	2.665113	50.0	561646.0	0.133256	Y
6	STD50 460-959077/8	50.0	6.304197	50.0	574292.0	0.126084	Y
7	STD200 460-959077/9	200.0	24.550324	50.0	585255.0	0.122752	Y
8	STD500 460-959077/10	500.0	60.998525	50.0	611432.0	0.121997	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

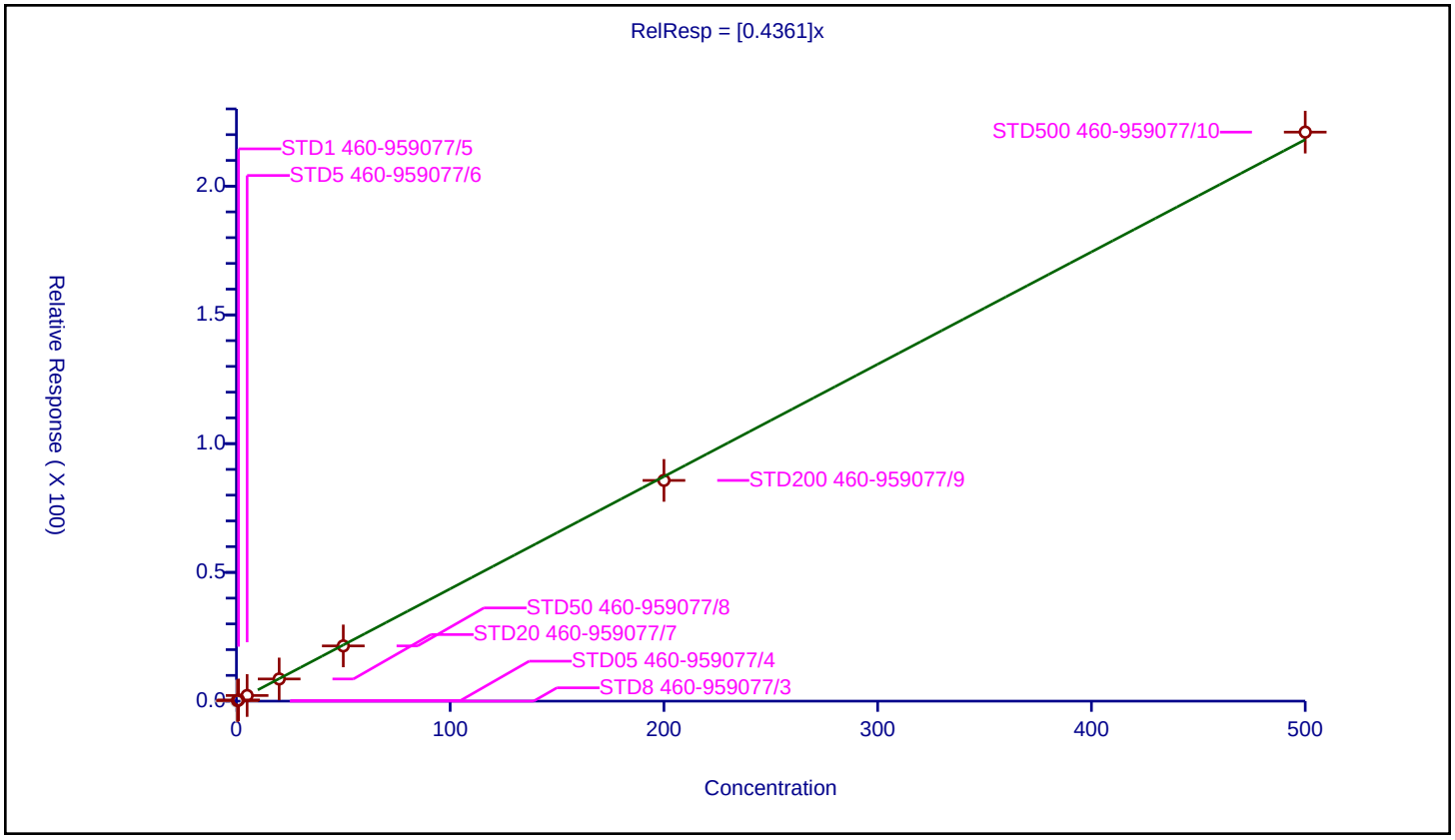
Curve Coefficients

Intercept:	0
Slope:	0.4361

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.212126	50.0	572301.0	0.424252	Y
3	STD1 460-959077/5	1.0	0.460839	50.0	554640.0	0.460839	Y
4	STD5 460-959077/6	5.0	2.187825	50.0	554592.0	0.437565	Y
5	STD20 460-959077/7	20.0	8.614946	50.0	561646.0	0.430747	Y
6	STD50 460-959077/8	50.0	21.442315	50.0	574292.0	0.428846	Y
7	STD200 460-959077/9	200.0	85.725282	50.0	585255.0	0.428626	Y
8	STD500 460-959077/10	500.0	220.978048	50.0	611432.0	0.441956	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

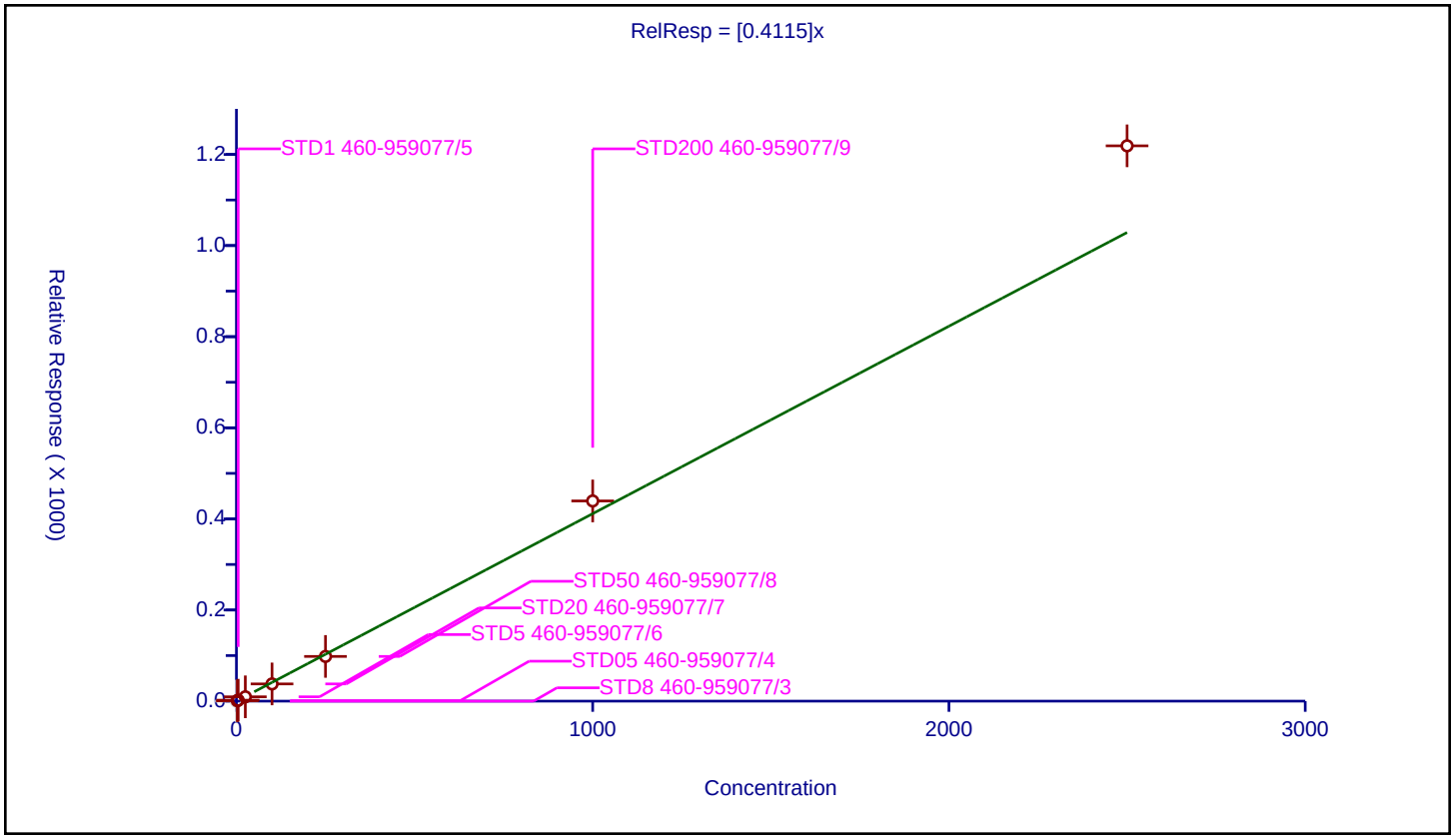
Curve Coefficients

Intercept:	0
Slope:	0.4115

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	0.970683	250.0	343830.0	0.388273	Y
3	STD1 460-959077/5	5.0	2.077838	250.0	338573.0	0.415568	Y
4	STD5 460-959077/6	25.0	9.477223	250.0	335937.0	0.379089	Y
5	STD20 460-959077/7	100.0	37.805169	250.0	360784.0	0.378052	Y
6	STD50 460-959077/8	250.0	98.141482	250.0	351974.0	0.392566	Y
7	STD200 460-959077/9	1000.0	439.419478	250.0	366343.0	0.439419	Y
8	STD500 460-959077/10	2500.0	1218.893477	250.0	348488.0	0.487557	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

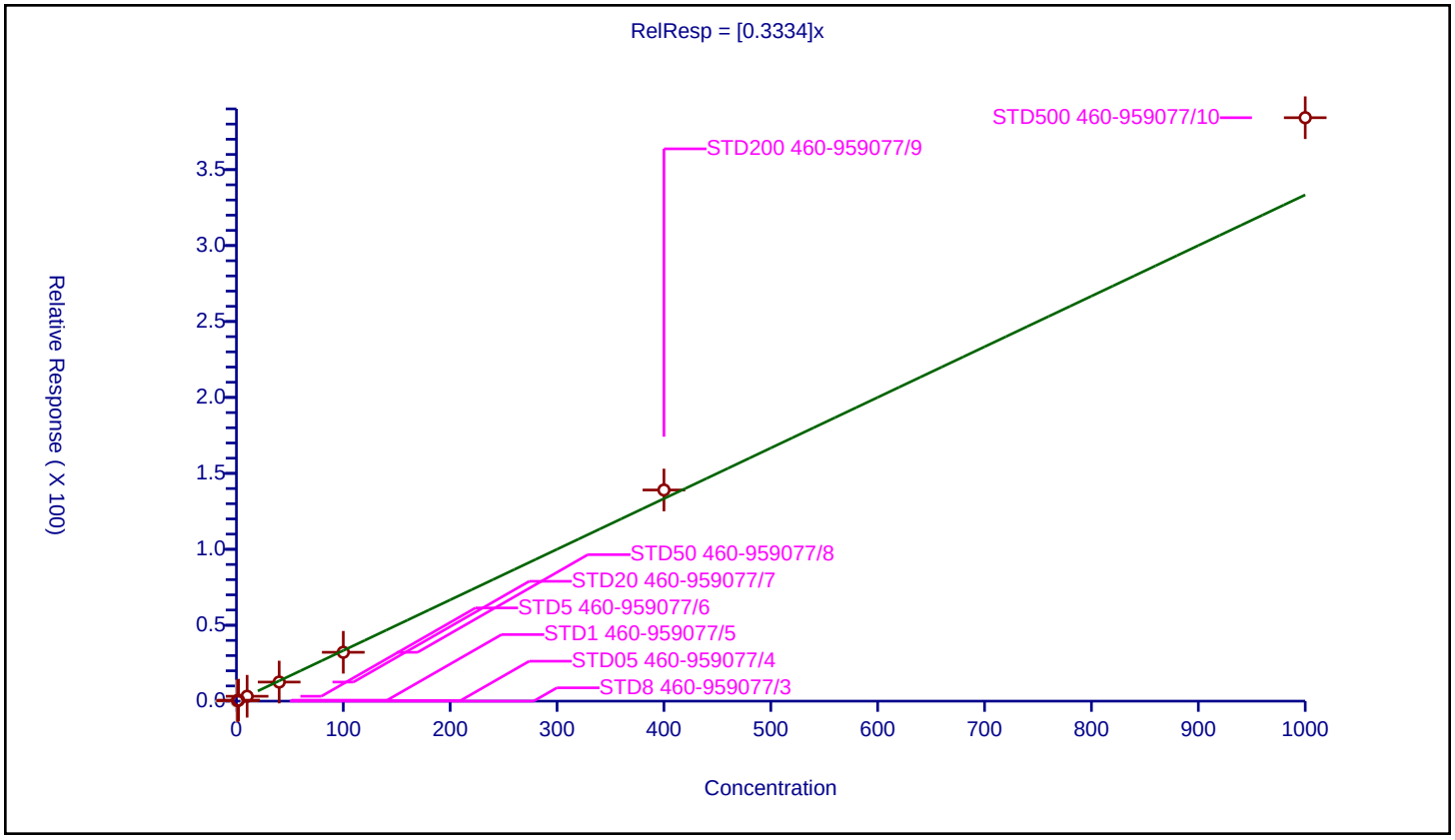
Curve Coefficients

Intercept:	0
Slope:	0.3334

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	1.0	0.325015	250.0	343830.0	0.325015	Y
3	STD1 460-959077/5	2.0	0.639449	250.0	338573.0	0.319724	Y
4	STD5 460-959077/6	10.0	3.2134	250.0	335937.0	0.32134	Y
5	STD20 460-959077/7	40.0	12.559454	250.0	360784.0	0.313986	Y
6	STD50 460-959077/8	100.0	32.177803	250.0	351974.0	0.321778	Y
7	STD200 460-959077/9	400.0	139.045239	250.0	366343.0	0.347613	Y
8	STD500 460-959077/10	1000.0	384.202612	250.0	348488.0	0.384203	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

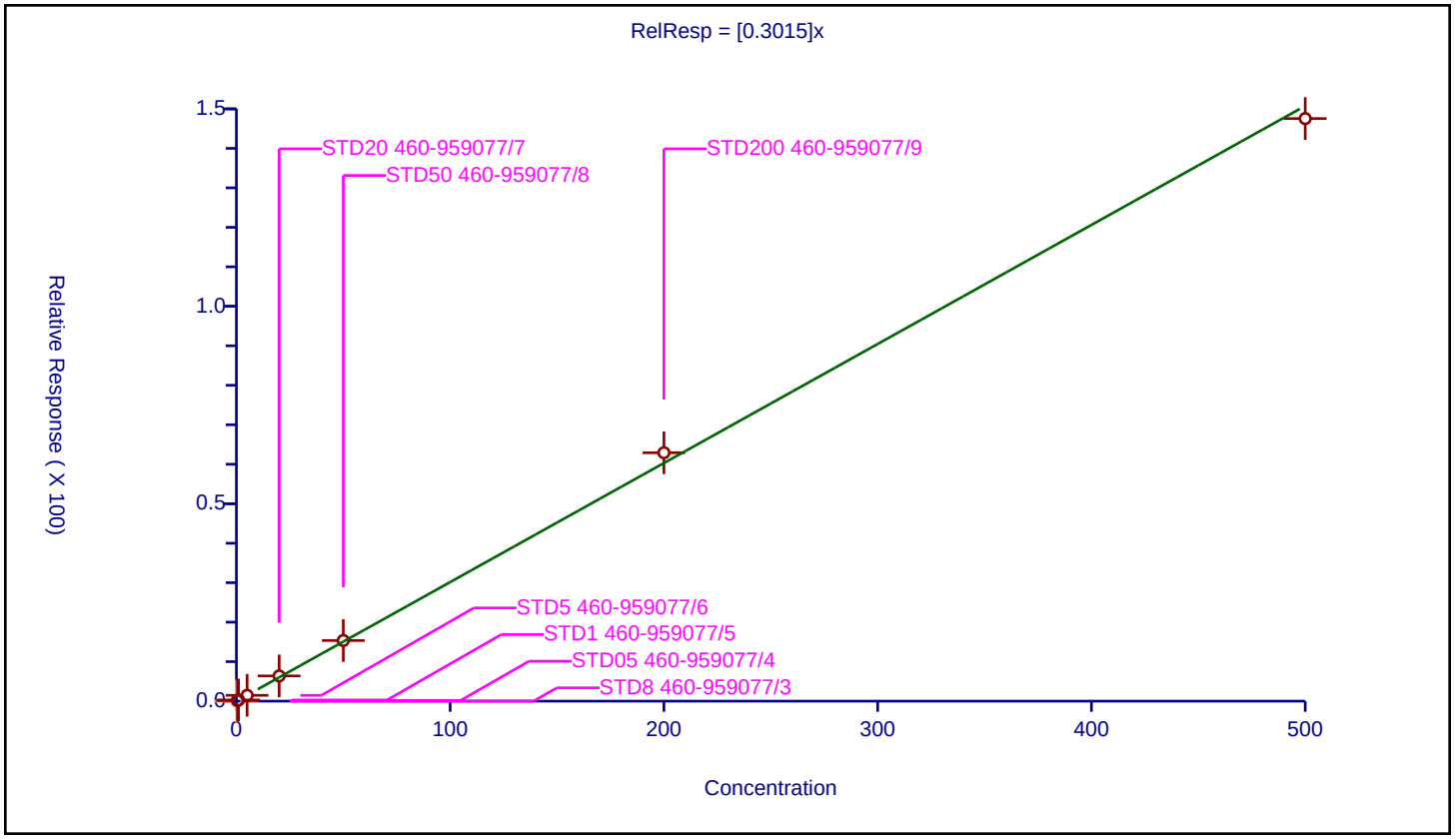
Curve Coefficients

Intercept:	0
Slope:	0.3015

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.142495	50.0	572301.0	0.28499	Y
3	STD1 460-959077/5	1.0	0.296408	50.0	554640.0	0.296408	Y
4	STD5 460-959077/6	5.0	1.465221	50.0	554592.0	0.293044	Y
5	STD20 460-959077/7	20.0	6.387742	50.0	561646.0	0.319387	Y
6	STD50 460-959077/8	50.0	15.357954	50.0	574292.0	0.307159	Y
7	STD200 460-959077/9	200.0	62.915396	50.0	585255.0	0.314577	Y
8	STD500 460-959077/10	500.0	147.547397	50.0	611432.0	0.295095	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

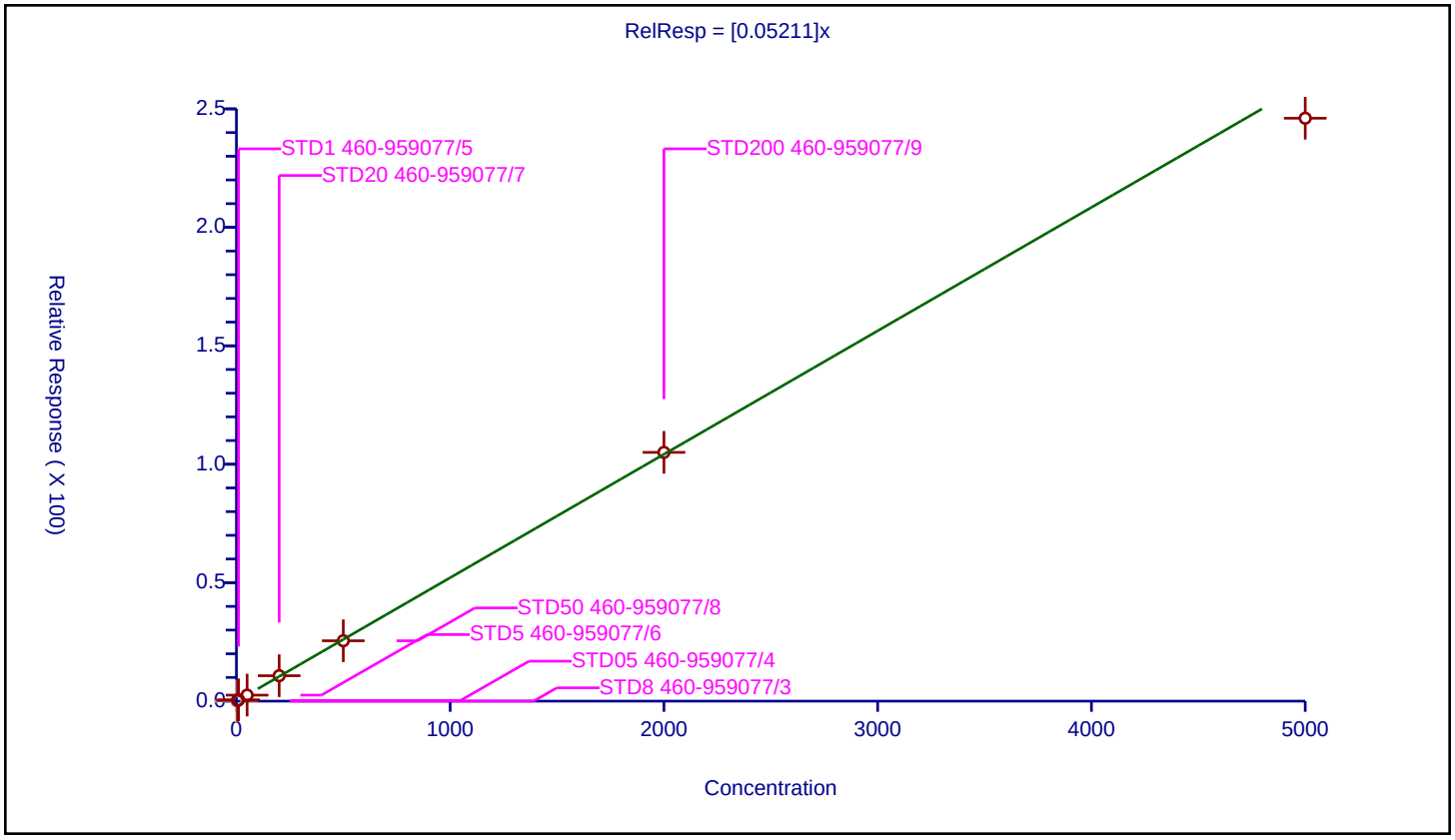
Curve Coefficients

Intercept:	0
Slope:	0.05211

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	5.0	0.260003	50.0	572301.0	0.052001	Y
3	STD1 460-959077/5	10.0	0.557929	50.0	554640.0	0.055793	Y
4	STD5 460-959077/6	50.0	2.532132	50.0	554592.0	0.050643	Y
5	STD20 460-959077/7	200.0	10.726864	50.0	561646.0	0.053634	Y
6	STD50 460-959077/8	500.0	25.482246	50.0	574292.0	0.050964	Y
7	STD200 460-959077/9	2000.0	105.007475	50.0	585255.0	0.052504	Y
8	STD500 460-959077/10	5000.0	246.062686	50.0	611432.0	0.049213	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

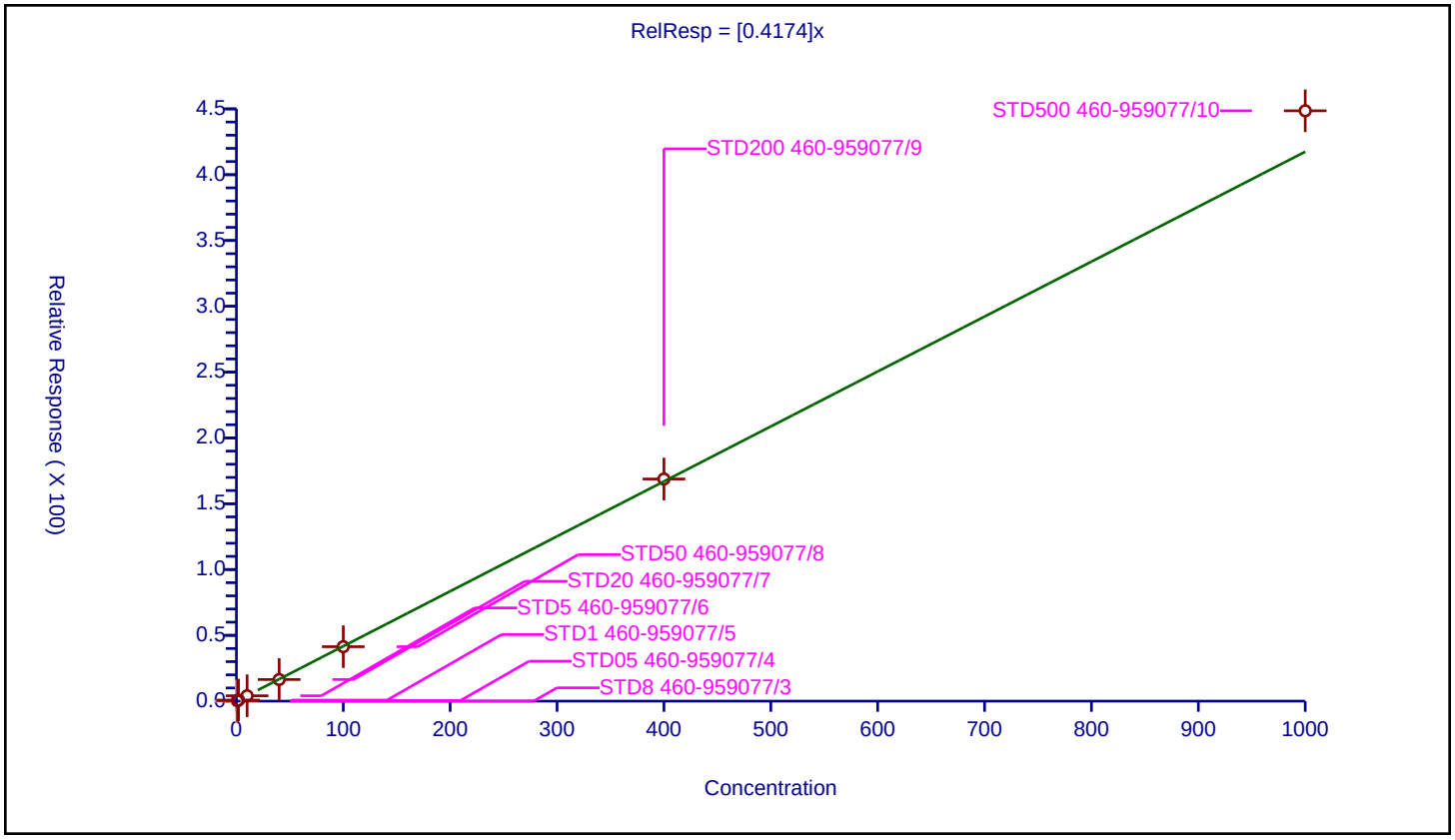
Curve Coefficients

Intercept:	0
Slope:	0.4174

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	1.0	0.41663	250.0	343830.0	0.41663	Y
3	STD1 460-959077/5	2.0	0.807064	250.0	338573.0	0.403532	Y
4	STD5 460-959077/6	10.0	4.06996	250.0	335937.0	0.406996	Y
5	STD20 460-959077/7	40.0	16.430191	250.0	360784.0	0.410755	Y
6	STD50 460-959077/8	100.0	41.365271	250.0	351974.0	0.413653	Y
7	STD200 460-959077/9	400.0	168.767385	250.0	366343.0	0.421918	Y
8	STD500 460-959077/10	1000.0	448.537683	250.0	348488.0	0.448538	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

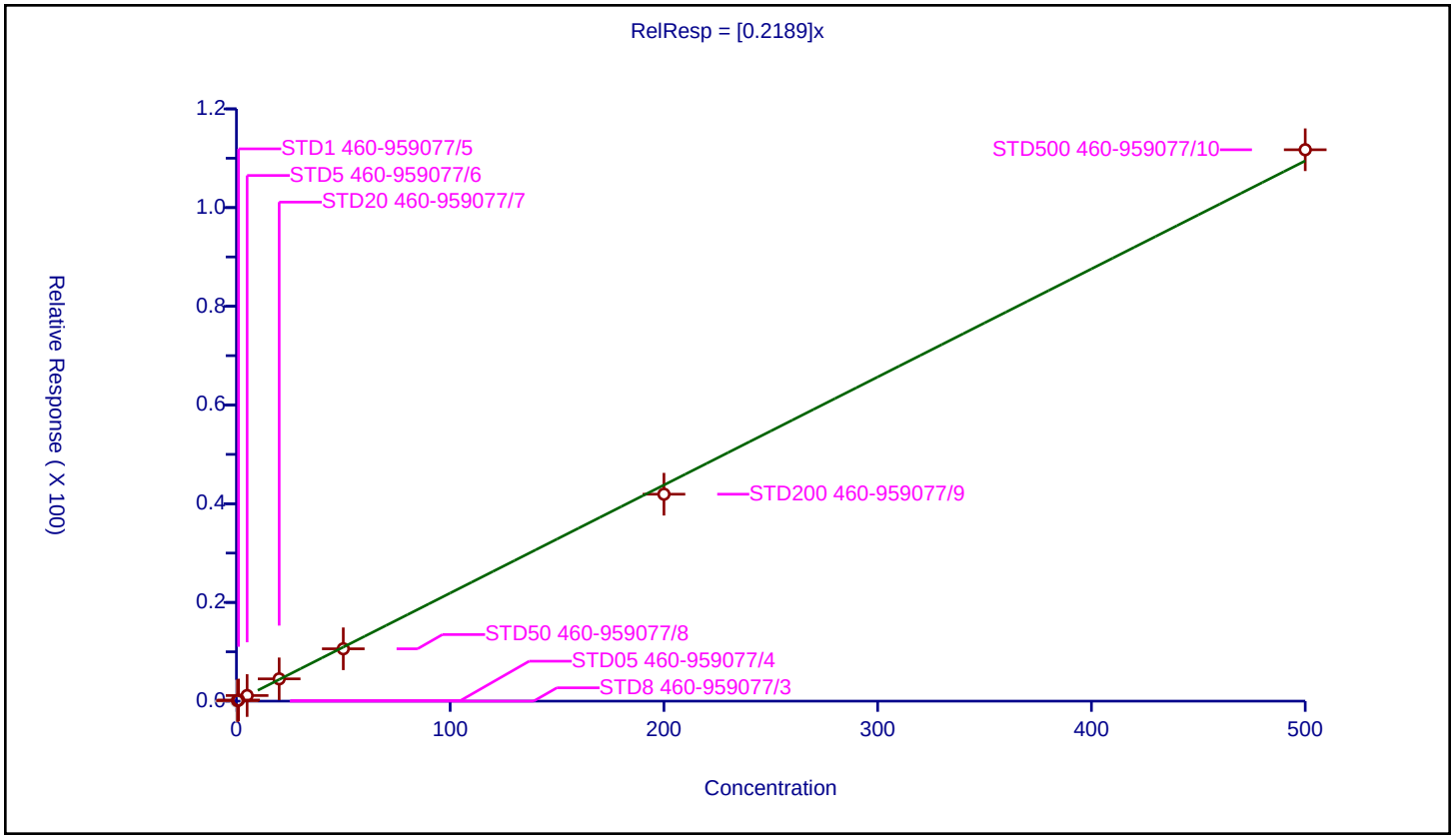
Curve Coefficients

Intercept:	0
Slope:	0.2189

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.104753	50.0	572301.0	0.209505	Y
3	STD1 460-959077/5	1.0	0.225191	50.0	554640.0	0.225191	Y
4	STD5 460-959077/6	5.0	1.135519	50.0	554592.0	0.227104	Y
5	STD20 460-959077/7	20.0	4.512273	50.0	561646.0	0.225614	Y
6	STD50 460-959077/8	50.0	10.606016	50.0	574292.0	0.21212	Y
7	STD200 460-959077/9	200.0	41.929415	50.0	585255.0	0.209647	Y
8	STD500 460-959077/10	500.0	111.722236	50.0	611432.0	0.223444	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

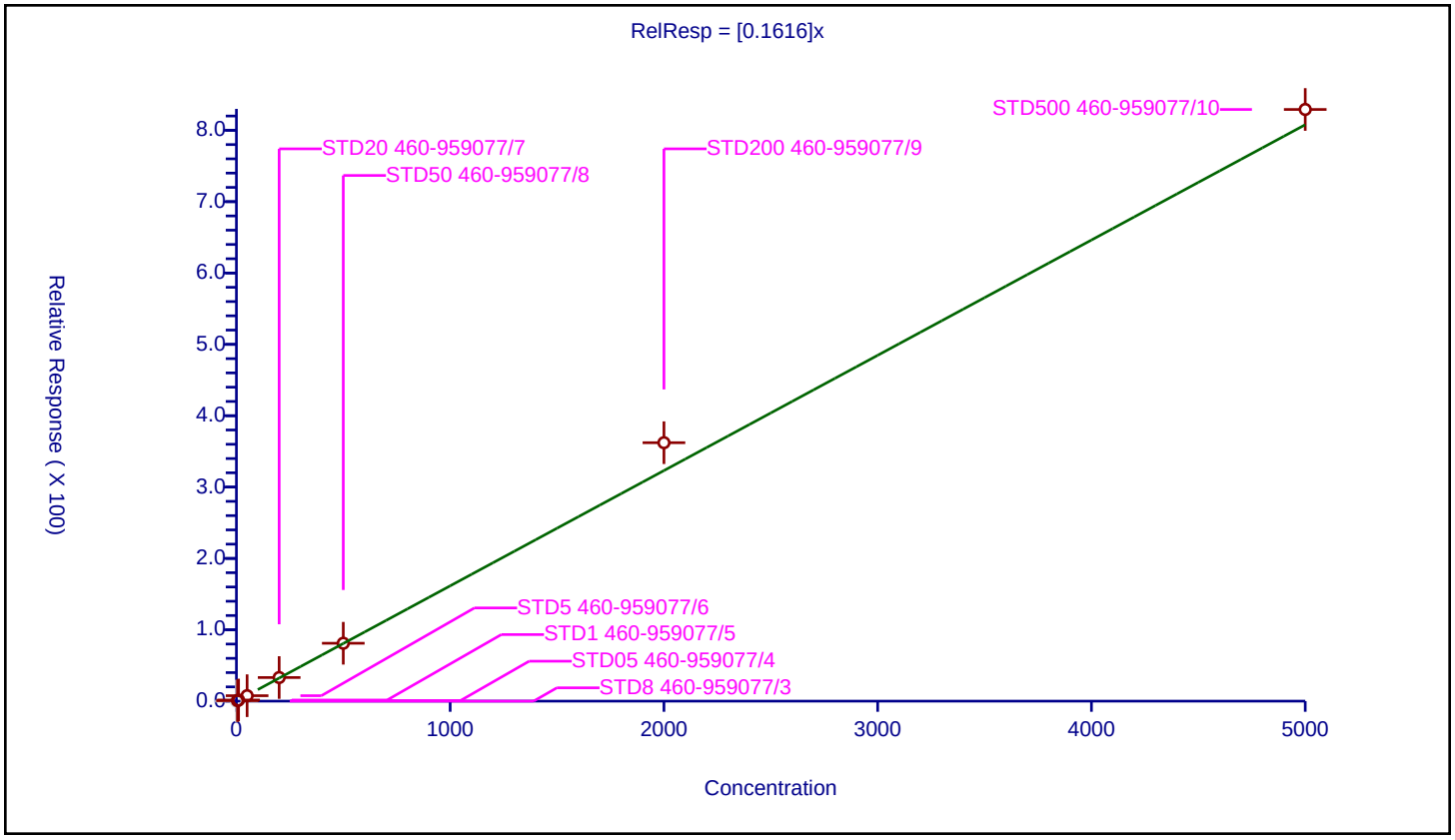
Curve Coefficients

Intercept:	0
Slope:	0.1616

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	5.0	0.744975	50.0	572301.0	0.148995	Y
3	STD1 460-959077/5	10.0	1.546499	50.0	554640.0	0.15465	Y
4	STD5 460-959077/6	50.0	7.632458	50.0	554592.0	0.152649	Y
5	STD20 460-959077/7	200.0	33.080001	50.0	561646.0	0.1654	Y
6	STD50 460-959077/8	500.0	81.135642	50.0	574292.0	0.162271	Y
7	STD200 460-959077/9	2000.0	362.177085	50.0	585255.0	0.181089	Y
8	STD500 460-959077/10	5000.0	829.195152	50.0	611432.0	0.165839	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

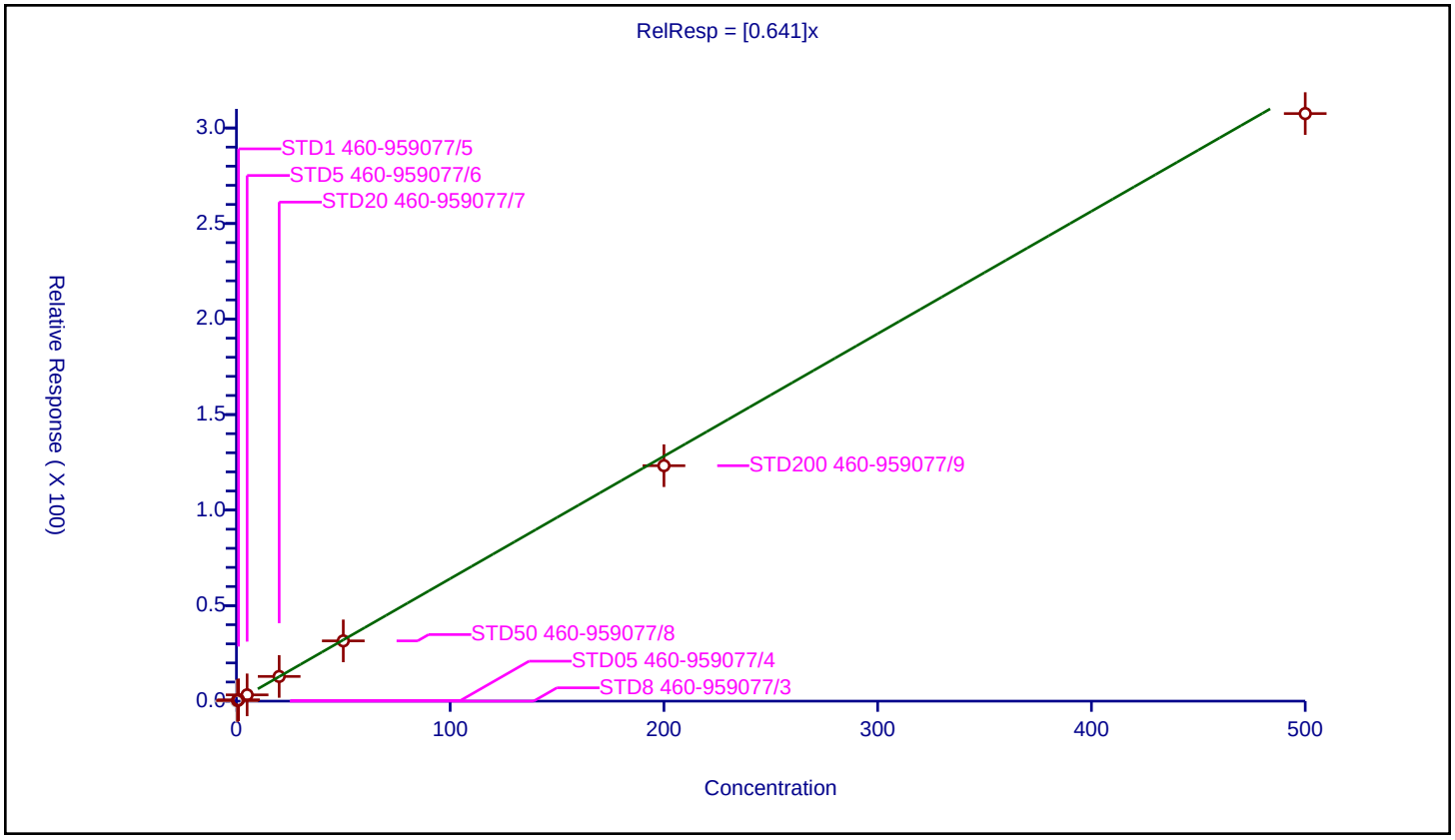
Curve Coefficients

Intercept:	0
Slope:	0.641

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.316529	50.0	572301.0	0.633058	Y
3	STD1 460-959077/5	1.0	0.690177	50.0	554640.0	0.690177	Y
4	STD5 460-959077/6	5.0	3.276823	50.0	554592.0	0.655365	Y
5	STD20 460-959077/7	20.0	12.928962	50.0	561646.0	0.646448	Y
6	STD50 460-959077/8	50.0	31.540836	50.0	574292.0	0.630817	Y
7	STD200 460-959077/9	200.0	123.243373	50.0	585255.0	0.616217	Y
8	STD500 460-959077/10	500.0	307.546301	50.0	611432.0	0.615093	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

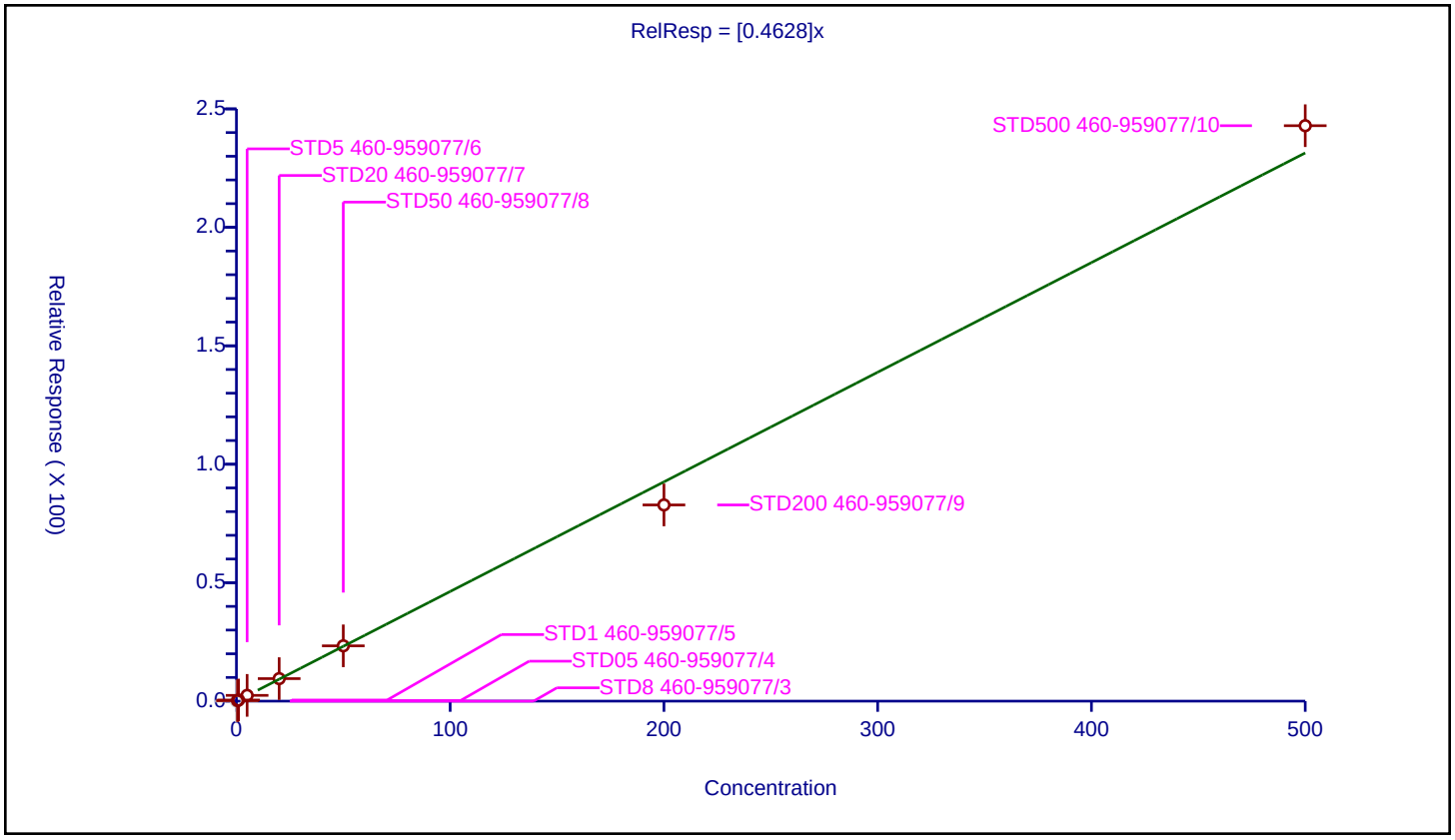
Curve Coefficients

Intercept:	0
Slope:	0.4628

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.22427	50.0	572301.0	0.44854	Y
3	STD1 460-959077/5	1.0	0.461561	50.0	554640.0	0.461561	Y
4	STD5 460-959077/6	5.0	2.436746	50.0	554592.0	0.487349	Y
5	STD20 460-959077/7	20.0	9.50581	50.0	561646.0	0.47529	Y
6	STD50 460-959077/8	50.0	23.348227	50.0	574292.0	0.466965	Y
7	STD200 460-959077/9	200.0	82.822958	50.0	585255.0	0.414115	Y
8	STD500 460-959077/10	500.0	242.904526	50.0	611432.0	0.485809	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

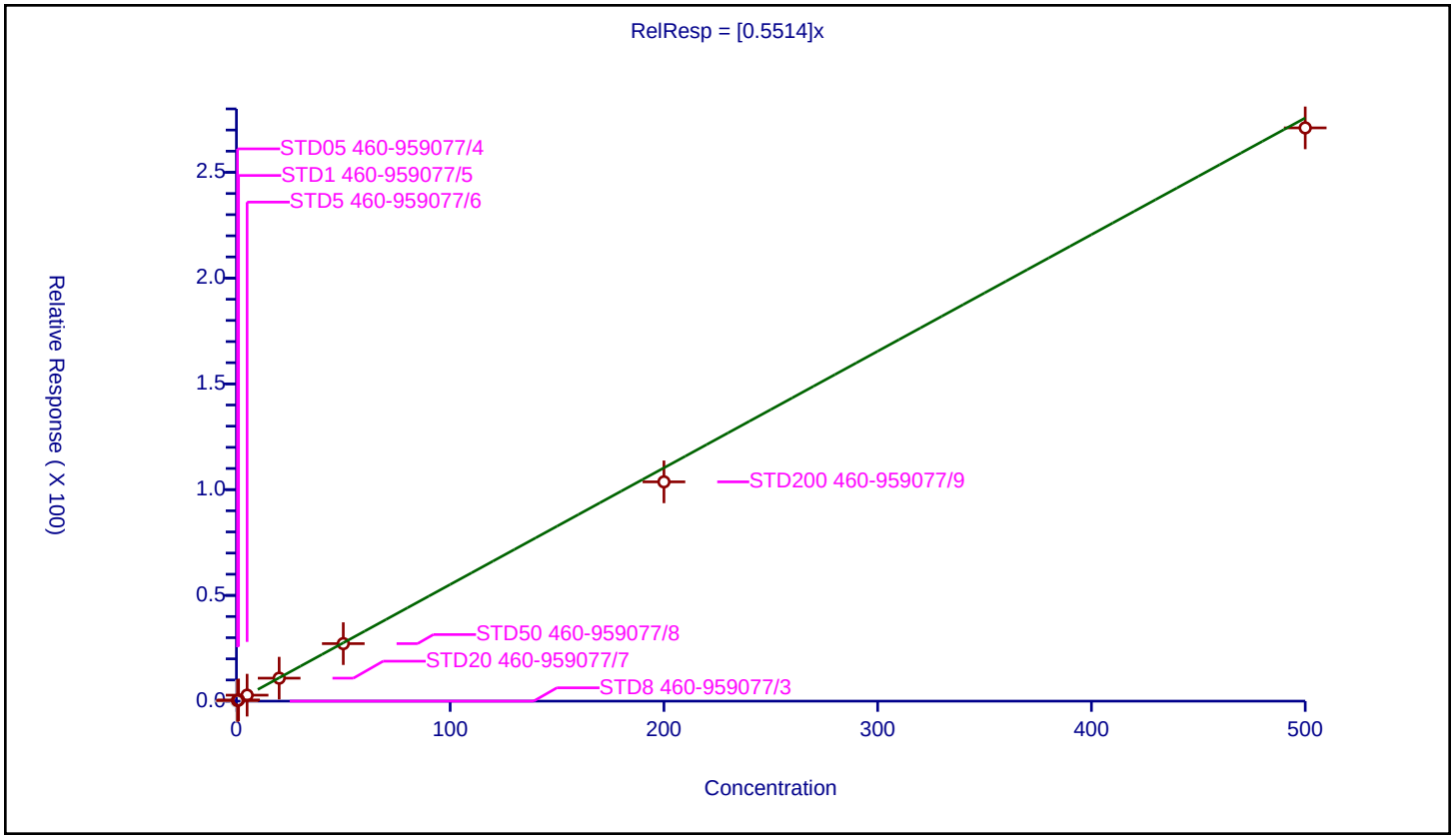
Curve Coefficients

Intercept:	0
Slope:	0.5514

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.292241	50.0	572301.0	0.584483	Y
3	STD1 460-959077/5	1.0	0.562617	50.0	554640.0	0.562617	Y
4	STD5 460-959077/6	5.0	2.827394	50.0	554592.0	0.565479	Y
5	STD20 460-959077/7	20.0	10.857818	50.0	561646.0	0.542891	Y
6	STD50 460-959077/8	50.0	27.197227	50.0	574292.0	0.543945	Y
7	STD200 460-959077/9	200.0	103.674723	50.0	585255.0	0.518374	Y
8	STD500 460-959077/10	500.0	271.019427	50.0	611432.0	0.542039	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

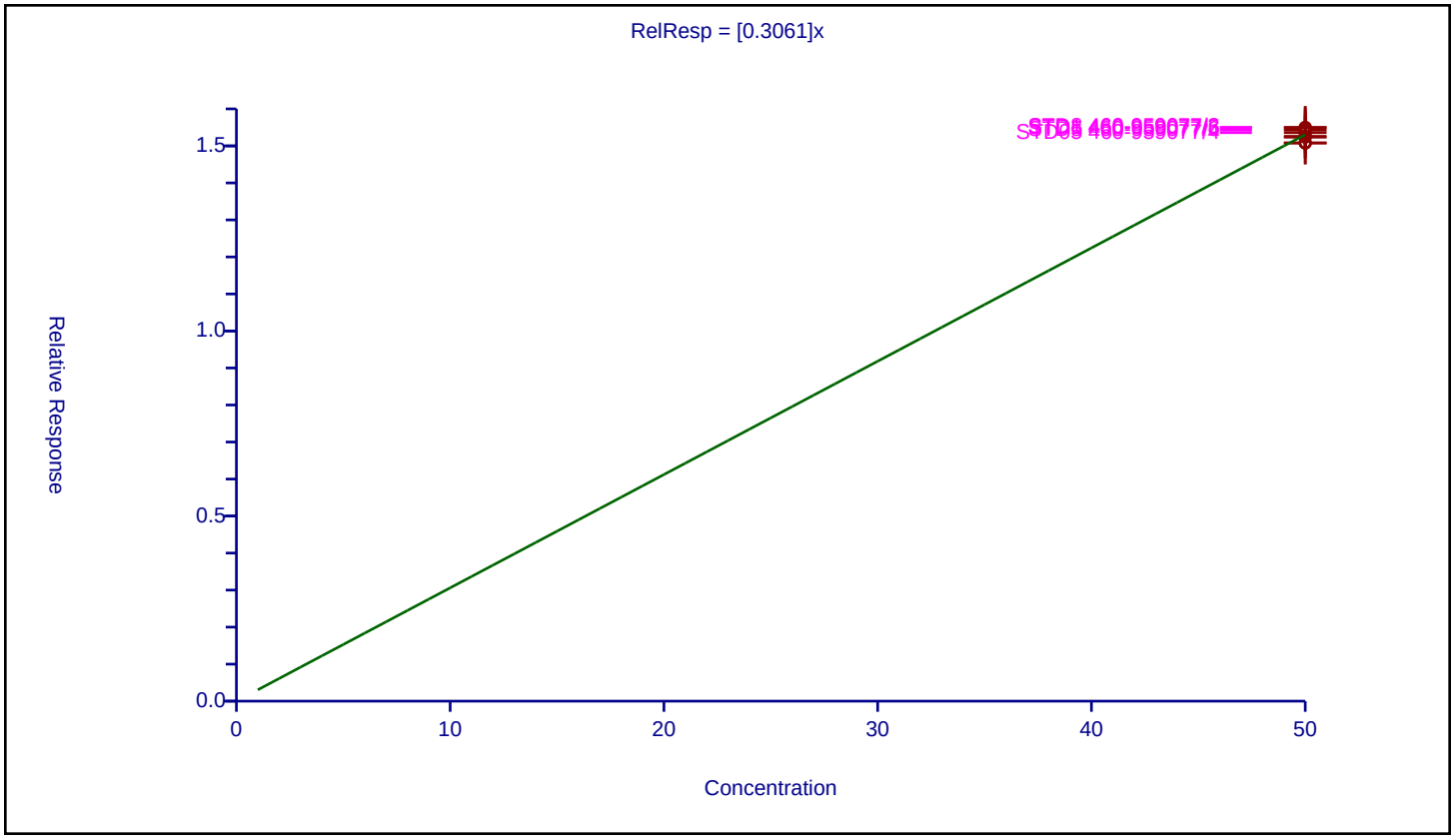
Curve Coefficients

Intercept:	0
Slope:	0.3061

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	15.49921	50.0	574097.0	0.309984	Y
2	STD05 460-959077/4	50.0	15.357827	50.0	572301.0	0.307157	Y
3	STD1 460-959077/5	50.0	15.493023	50.0	554640.0	0.30986	Y
4	STD5 460-959077/6	50.0	15.426566	50.0	554592.0	0.308531	Y
5	STD20 460-959077/7	50.0	15.258811	50.0	561646.0	0.305176	Y
6	STD50 460-959077/8	50.0	15.080743	50.0	574292.0	0.301615	Y
7	STD200 460-959077/9	50.0	15.078983	50.0	585255.0	0.30158	Y
8	STD500 460-959077/10	50.0	15.235382	50.0	611432.0	0.304708	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

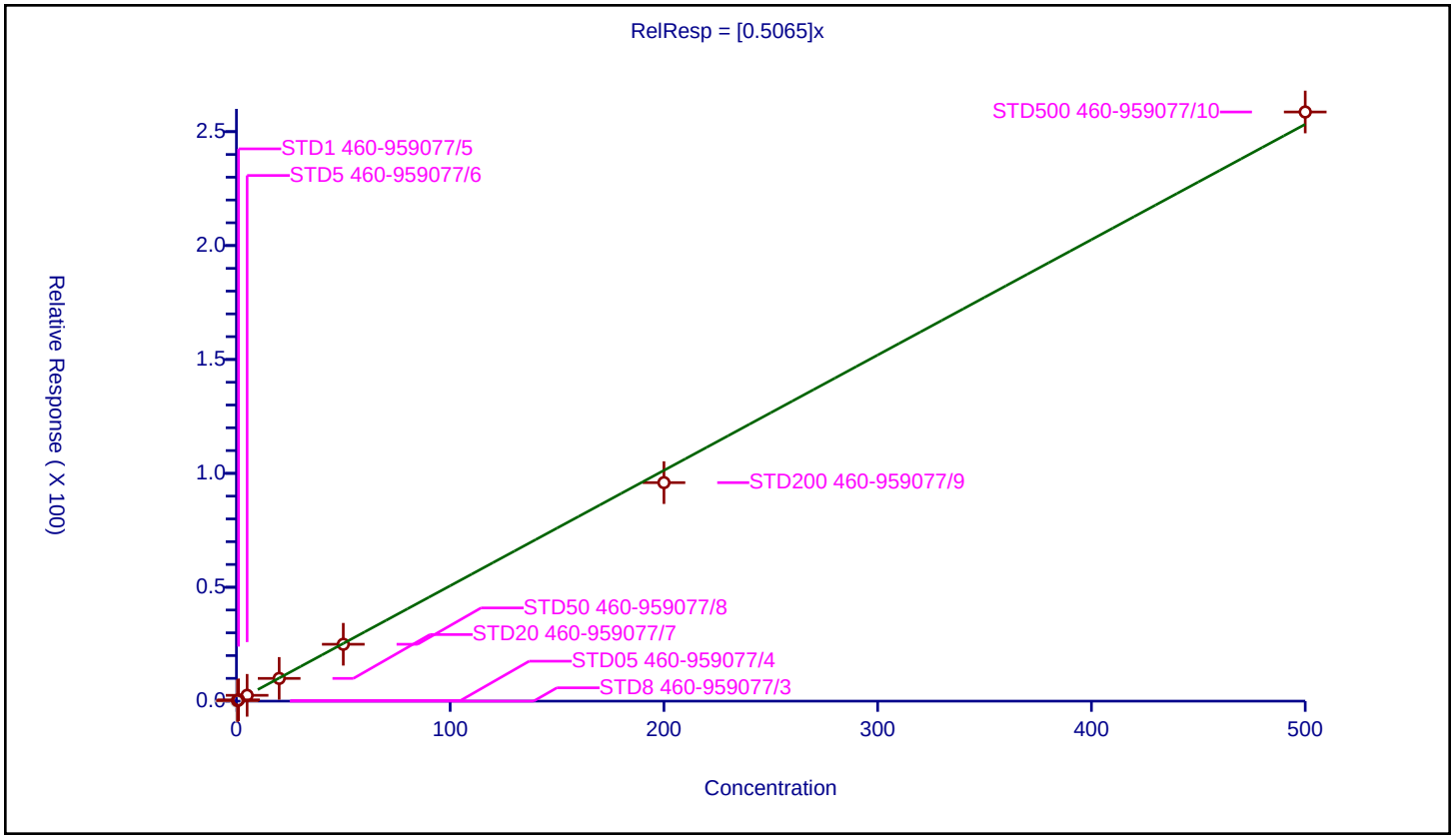
Curve Coefficients

Intercept:	0
Slope:	0.5065

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.234492	50.0	572301.0	0.468984	Y
3	STD1 460-959077/5	1.0	0.571091	50.0	554640.0	0.571091	Y
4	STD5 460-959077/6	5.0	2.551696	50.0	554592.0	0.510339	Y
5	STD20 460-959077/7	20.0	9.975679	50.0	561646.0	0.498784	Y
6	STD50 460-959077/8	50.0	24.965	50.0	574292.0	0.4993	Y
7	STD200 460-959077/9	200.0	95.925793	50.0	585255.0	0.479629	Y
8	STD500 460-959077/10	500.0	258.639064	50.0	611432.0	0.517278	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

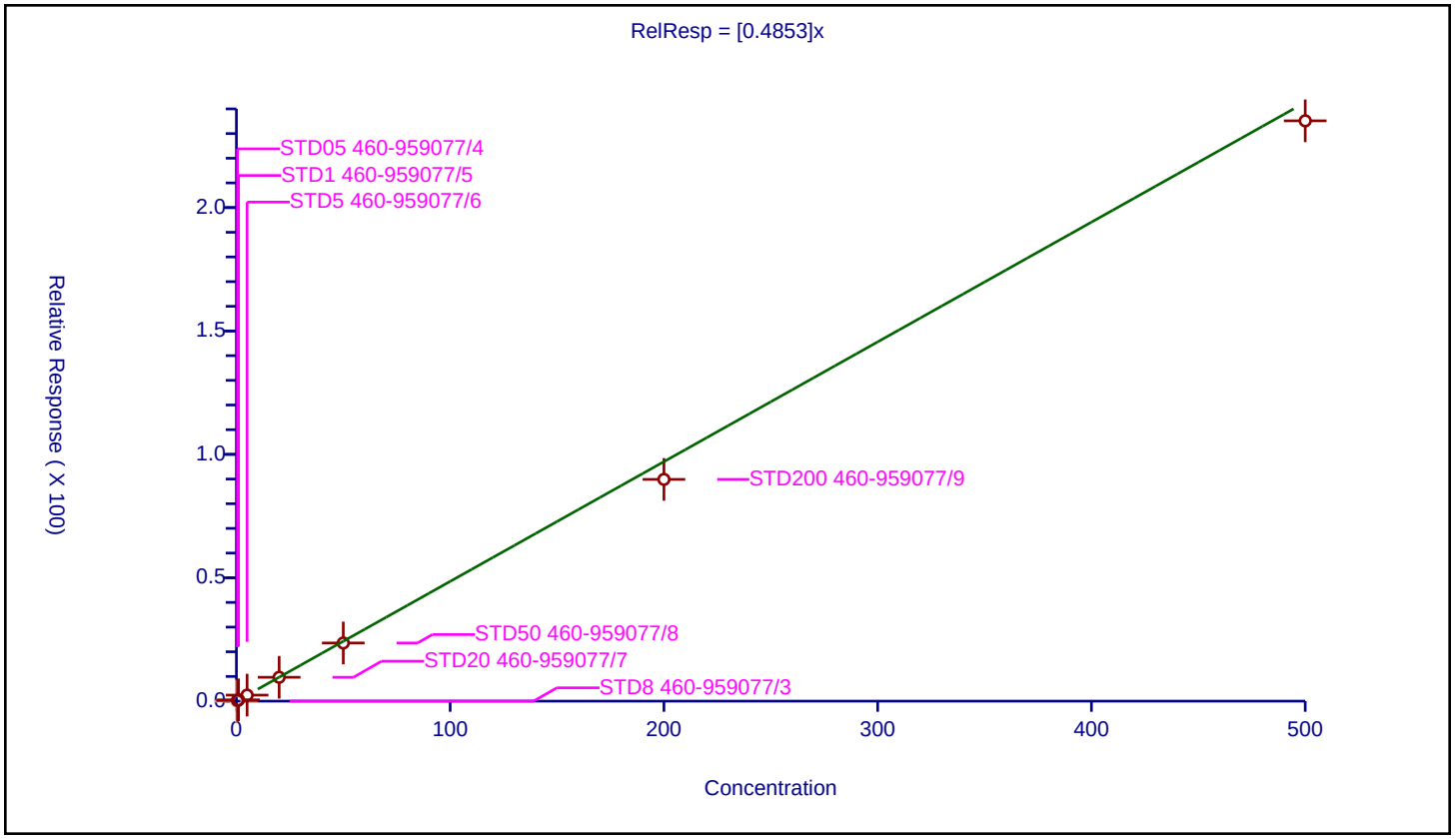
Curve Coefficients

Intercept:	0
Slope:	0.4853

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.255897	50.0	572301.0	0.511794	Y
3	STD1 460-959077/5	1.0	0.52169	50.0	554640.0	0.52169	Y
4	STD5 460-959077/6	5.0	2.445401	50.0	554592.0	0.48908	Y
5	STD20 460-959077/7	20.0	9.668813	50.0	561646.0	0.483441	Y
6	STD50 460-959077/8	50.0	23.562665	50.0	574292.0	0.471253	Y
7	STD200 460-959077/9	200.0	89.855618	50.0	585255.0	0.449278	Y
8	STD500 460-959077/10	500.0	235.161228	50.0	611432.0	0.470322	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

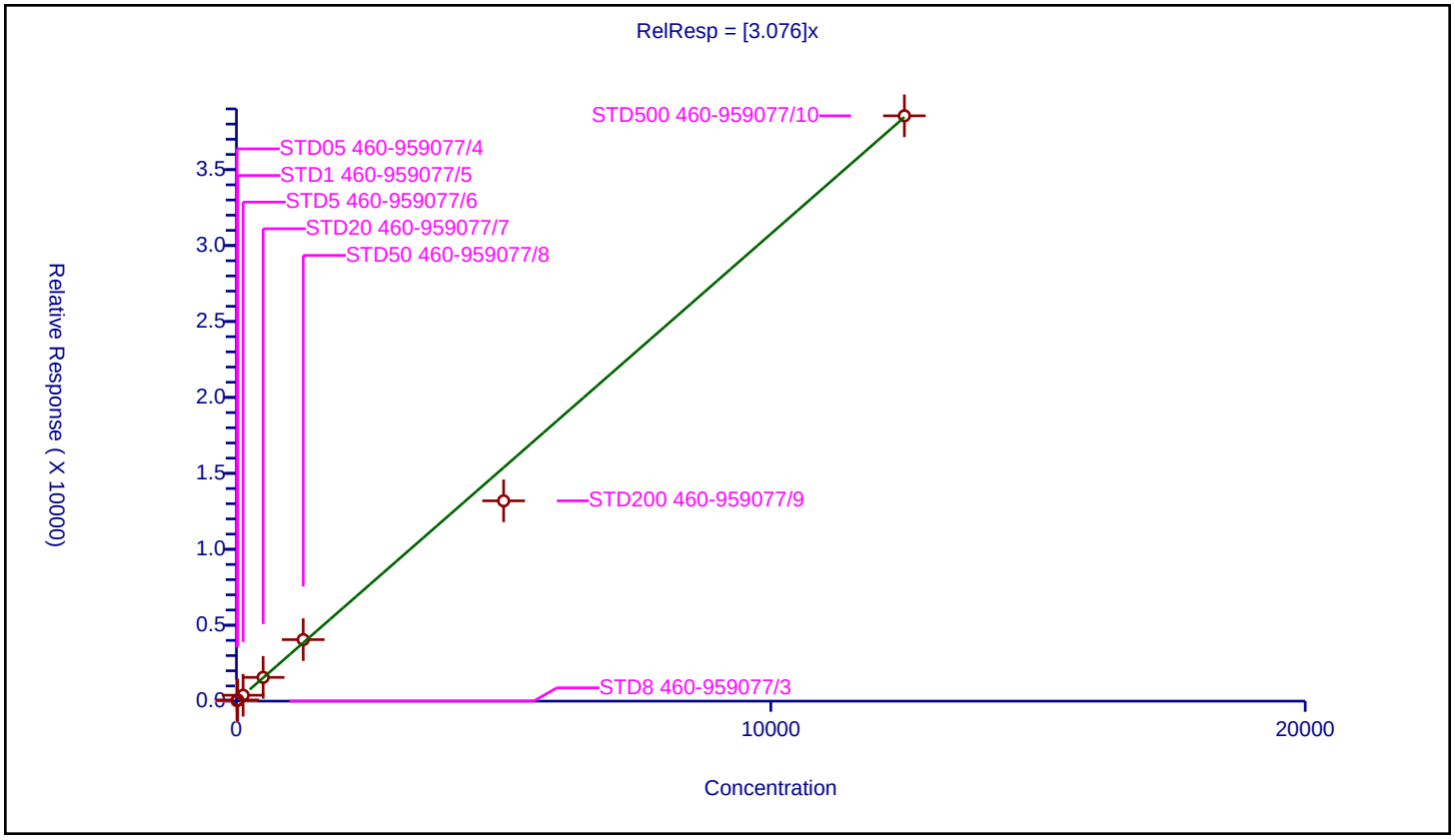
Curve Coefficients

Intercept:	0
Slope:	3.076

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	12.5	39.973446	1000.0	63267.0	3.197876	Y
3	STD1 460-959077/5	25.0	78.428521	1000.0	61878.0	3.137141	Y
4	STD5 460-959077/6	125.0	388.229288	1000.0	60727.0	3.105834	Y
5	STD20 460-959077/7	500.0	1565.849173	1000.0	66341.0	3.131698	Y
6	STD50 460-959077/8	1250.0	4051.131193	1000.0	63738.0	3.240905	Y
7	STD200 460-959077/9	5000.0	13190.656917	1000.0	68243.0	2.638131	Y
8	STD500 460-959077/10	12500.0	38544.181547	1000.0	60987.0	3.083535	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

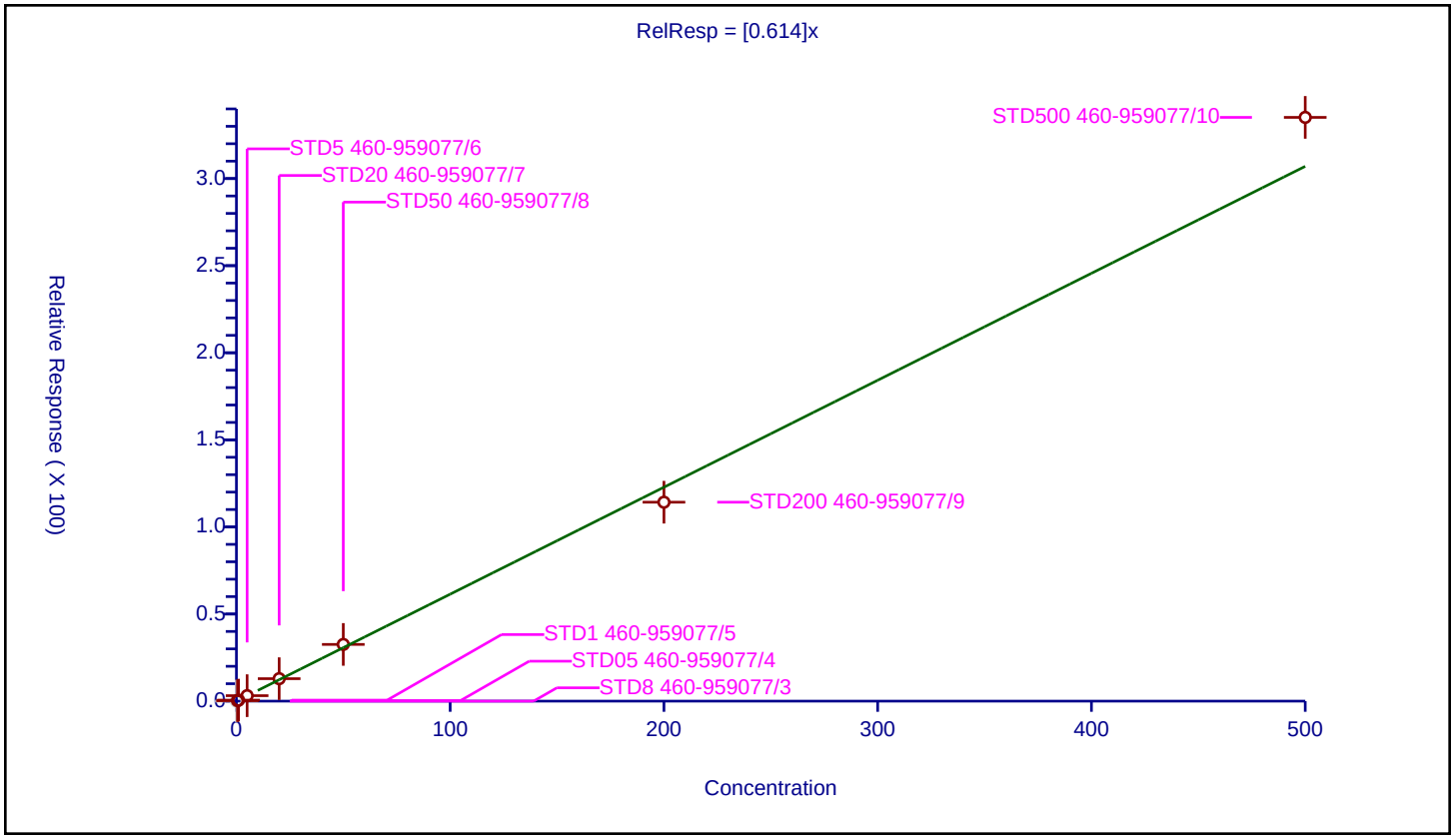
Curve Coefficients

Intercept:	0
Slope:	0.614

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.282893	50.0	572301.0	0.565786	Y
3	STD1 460-959077/5	1.0	0.565953	50.0	554640.0	0.565953	Y
4	STD5 460-959077/6	5.0	3.145556	50.0	554592.0	0.629111	Y
5	STD20 460-959077/7	20.0	12.903056	50.0	561646.0	0.645153	Y
6	STD50 460-959077/8	50.0	32.553126	50.0	574292.0	0.651063	Y
7	STD200 460-959077/9	200.0	114.203552	50.0	585255.0	0.571018	Y
8	STD500 460-959077/10	500.0	335.120668	50.0	611432.0	0.670241	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

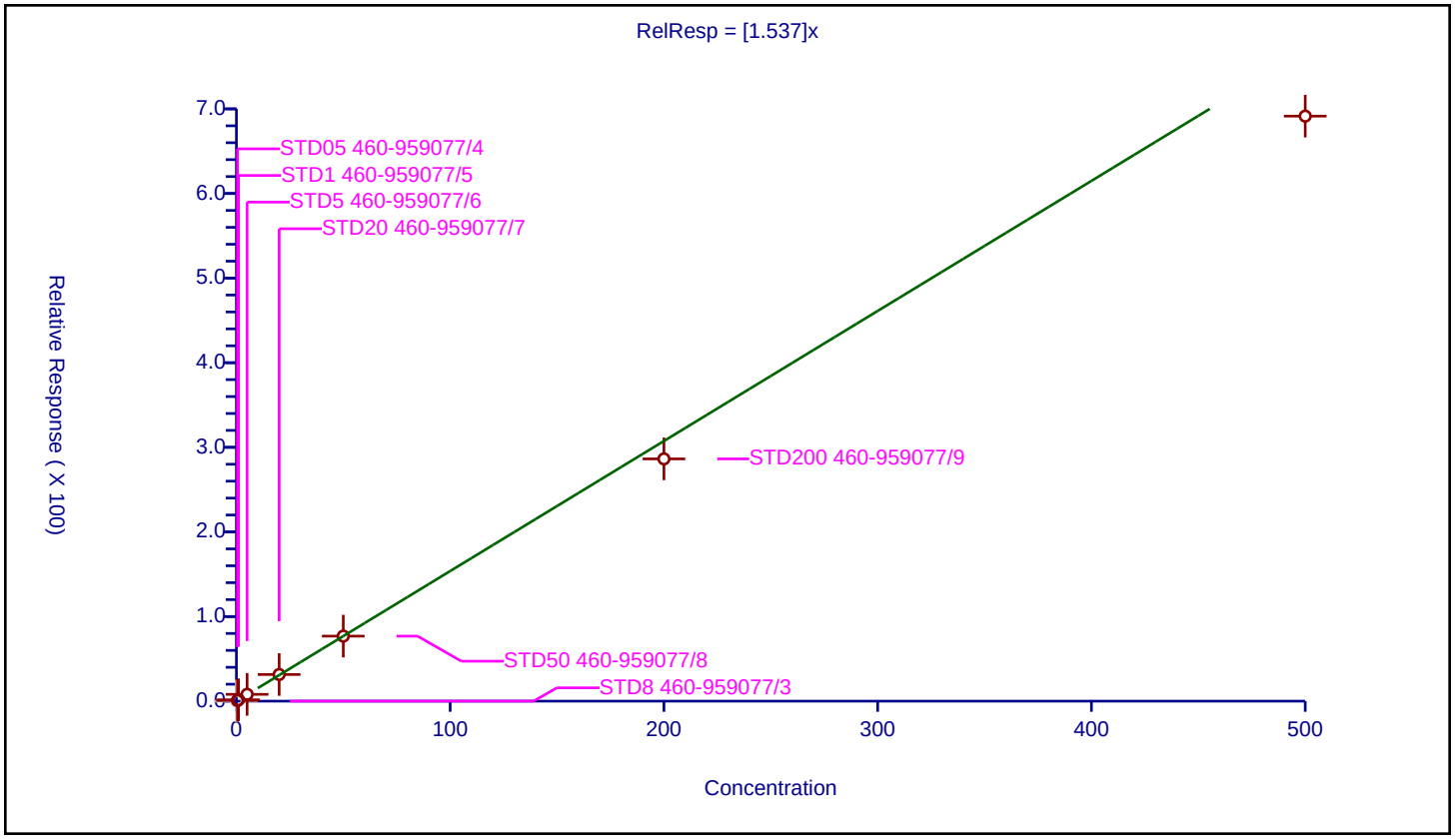
Curve Coefficients

Intercept:	0
Slope:	1.537

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.808893	50.0	498830.0	1.617786	Y
3	STD1 460-959077/5	1.0	1.605339	50.0	486159.0	1.605339	Y
4	STD5 460-959077/6	5.0	8.05594	50.0	487454.0	1.611188	Y
5	STD20 460-959077/7	20.0	31.501438	50.0	504423.0	1.575072	Y
6	STD50 460-959077/8	50.0	76.864442	50.0	520759.0	1.537289	Y
7	STD200 460-959077/9	200.0	286.330005	50.0	559415.0	1.43165	Y
8	STD500 460-959077/10	500.0	691.429687	50.0	604482.0	1.382859	Y



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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

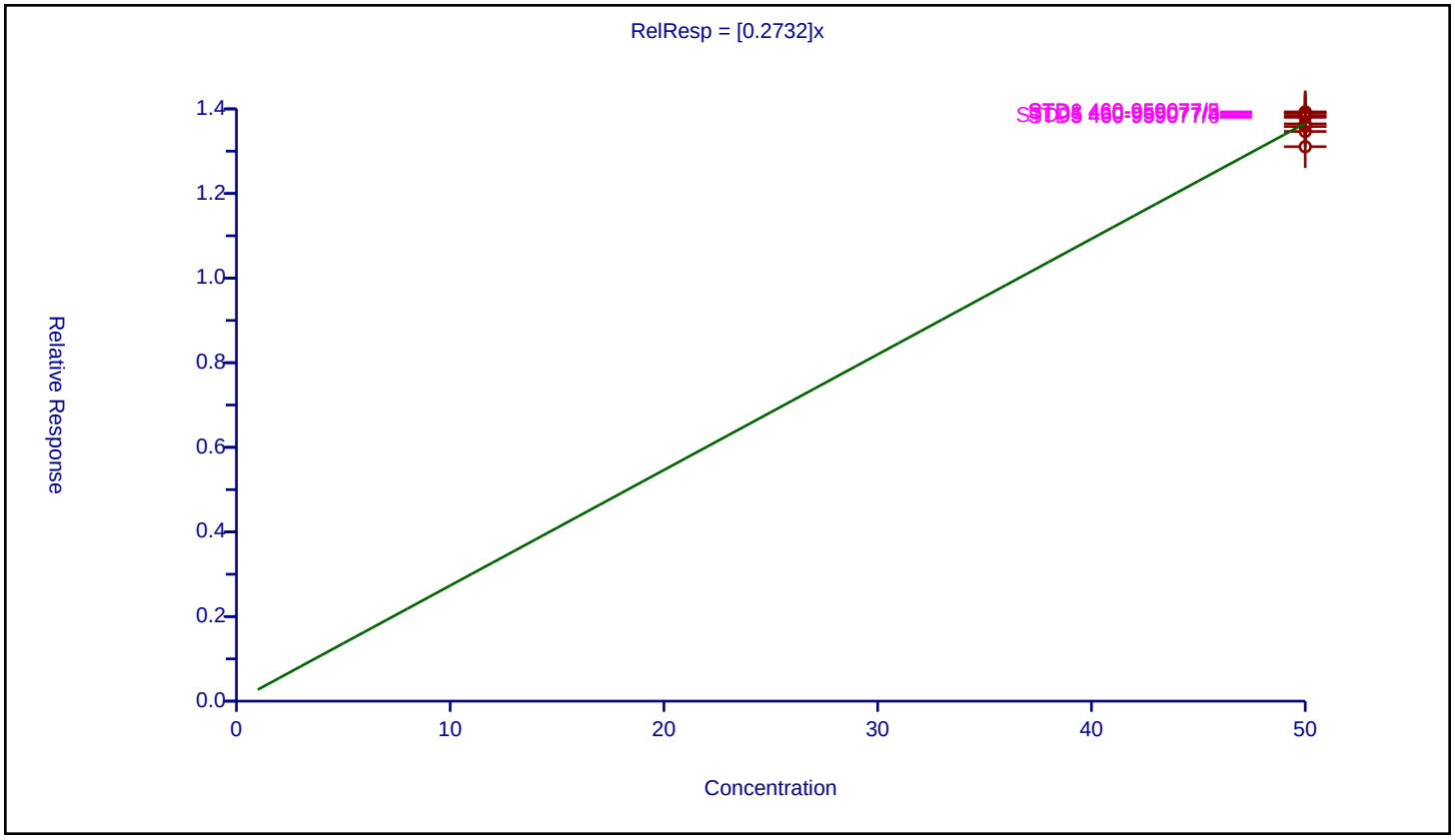
Curve Coefficients

Intercept:	0
Slope:	0.2732

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	13.900526	50.0	574097.0	0.278011	Y
2	STD05 460-959077/4	50.0	13.843415	50.0	572301.0	0.276868	Y
3	STD1 460-959077/5	50.0	13.930027	50.0	554640.0	0.278601	Y
4	STD5 460-959077/6	50.0	13.800506	50.0	554592.0	0.27601	Y
5	STD20 460-959077/7	50.0	13.645873	50.0	561646.0	0.272917	Y
6	STD50 460-959077/8	50.0	13.46632	50.0	574292.0	0.269326	Y
7	STD200 460-959077/9	50.0	13.582968	50.0	585255.0	0.271659	Y
8	STD500 460-959077/10	50.0	13.106527	50.0	611432.0	0.262131	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

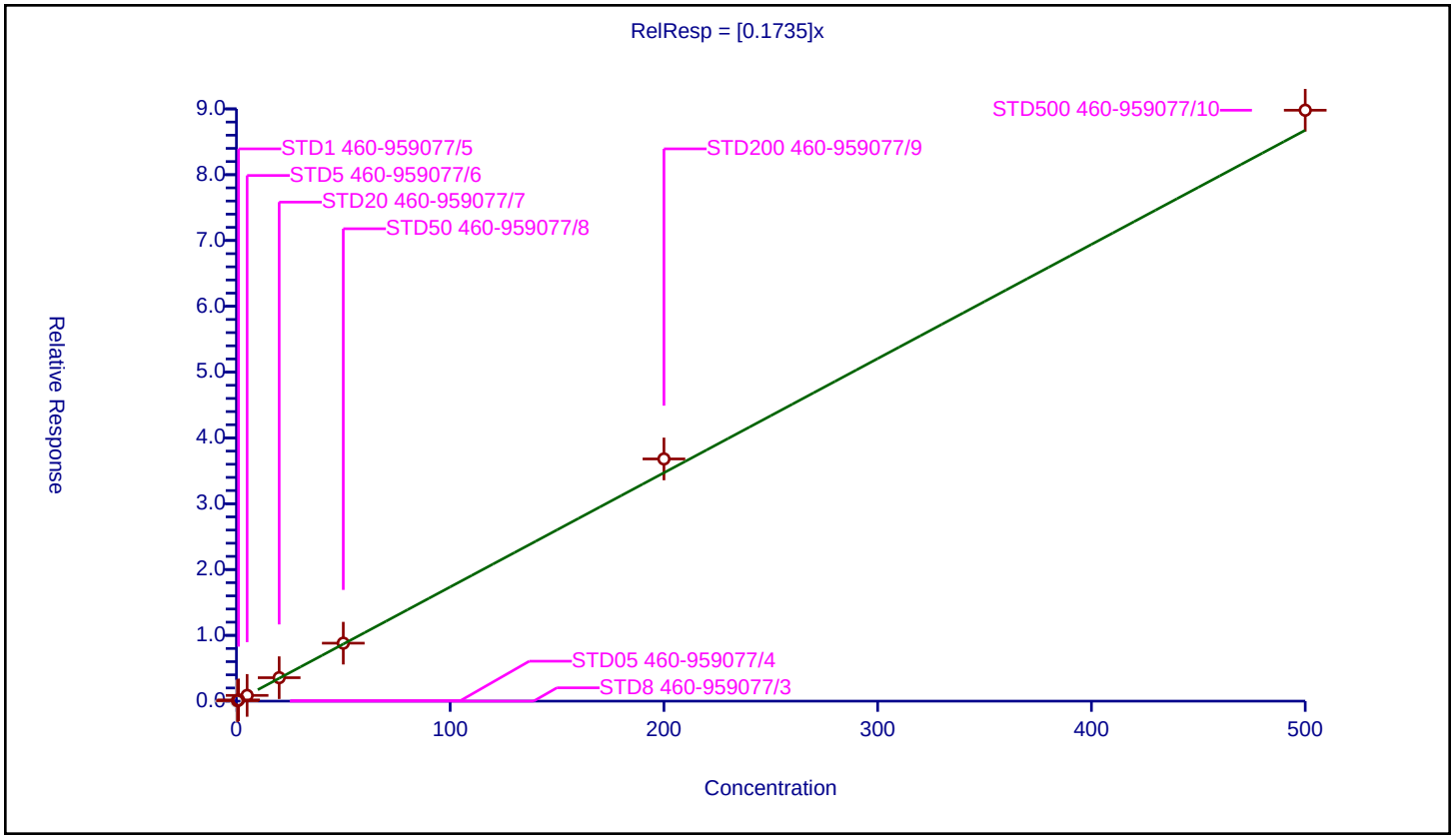
Curve Coefficients

Intercept:	0
Slope:	0.1735

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.069719	50.0	572301.0	0.139437	Y
3	STD1 460-959077/5	1.0	0.183002	50.0	554640.0	0.183002	Y
4	STD5 460-959077/6	5.0	0.87064	50.0	554592.0	0.174128	Y
5	STD20 460-959077/7	20.0	3.5639	50.0	561646.0	0.178195	Y
6	STD50 460-959077/8	50.0	8.810501	50.0	574292.0	0.17621	Y
7	STD200 460-959077/9	200.0	36.805666	50.0	585255.0	0.184028	Y
8	STD500 460-959077/10	500.0	89.799602	50.0	611432.0	0.179599	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

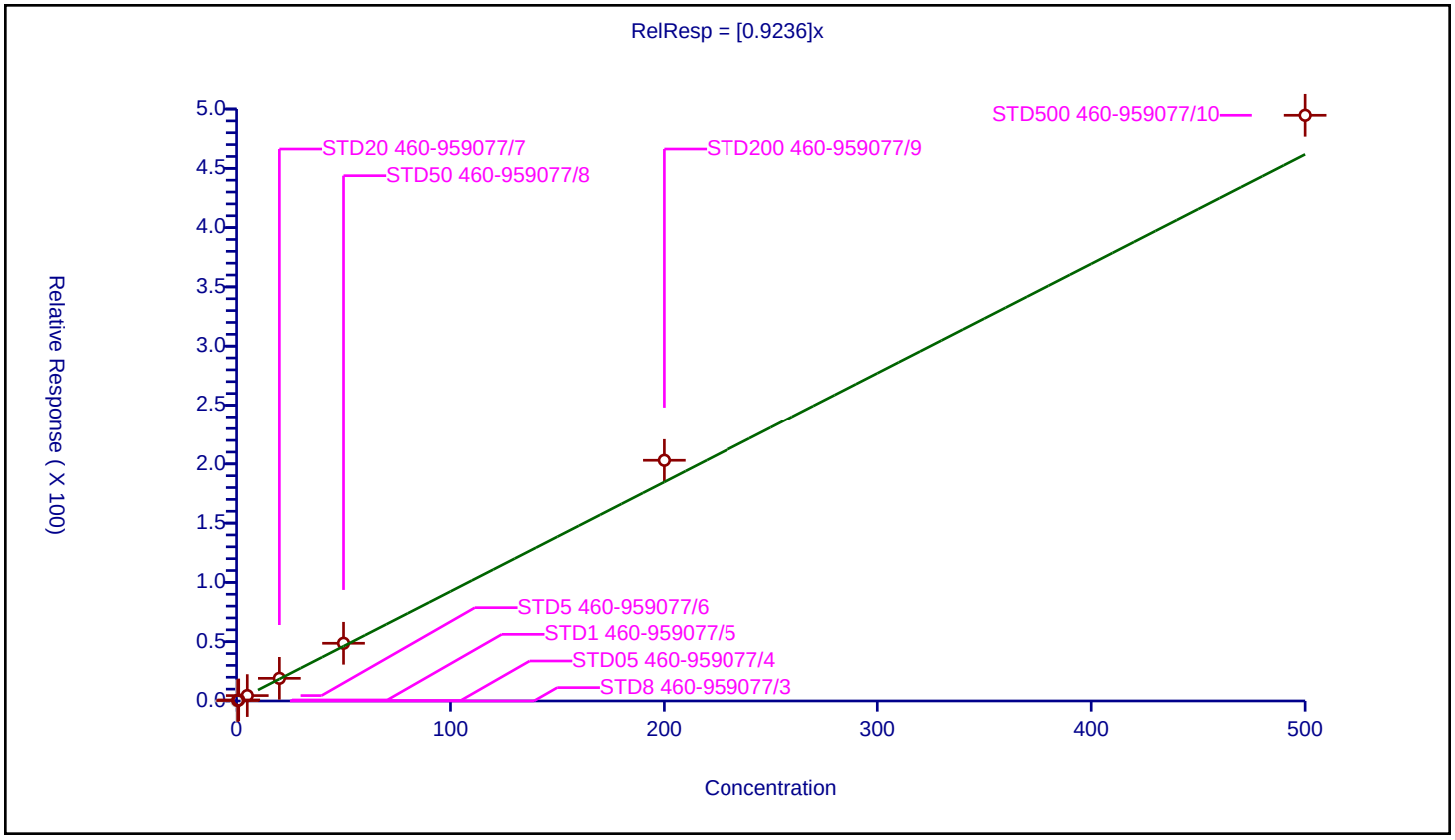
Curve Coefficients

Intercept:	0
Slope:	0.9236

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.375589	50.0	572301.0	0.751178	Y
3	STD1 460-959077/5	1.0	0.871827	50.0	554640.0	0.871827	Y
4	STD5 460-959077/6	5.0	4.548028	50.0	554592.0	0.909606	Y
5	STD20 460-959077/7	20.0	19.091296	50.0	561646.0	0.954565	Y
6	STD50 460-959077/8	50.0	48.673758	50.0	574292.0	0.973475	Y
7	STD200 460-959077/9	200.0	203.003477	50.0	585255.0	1.015017	Y
8	STD500 460-959077/10	500.0	494.723534	50.0	611432.0	0.989447	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

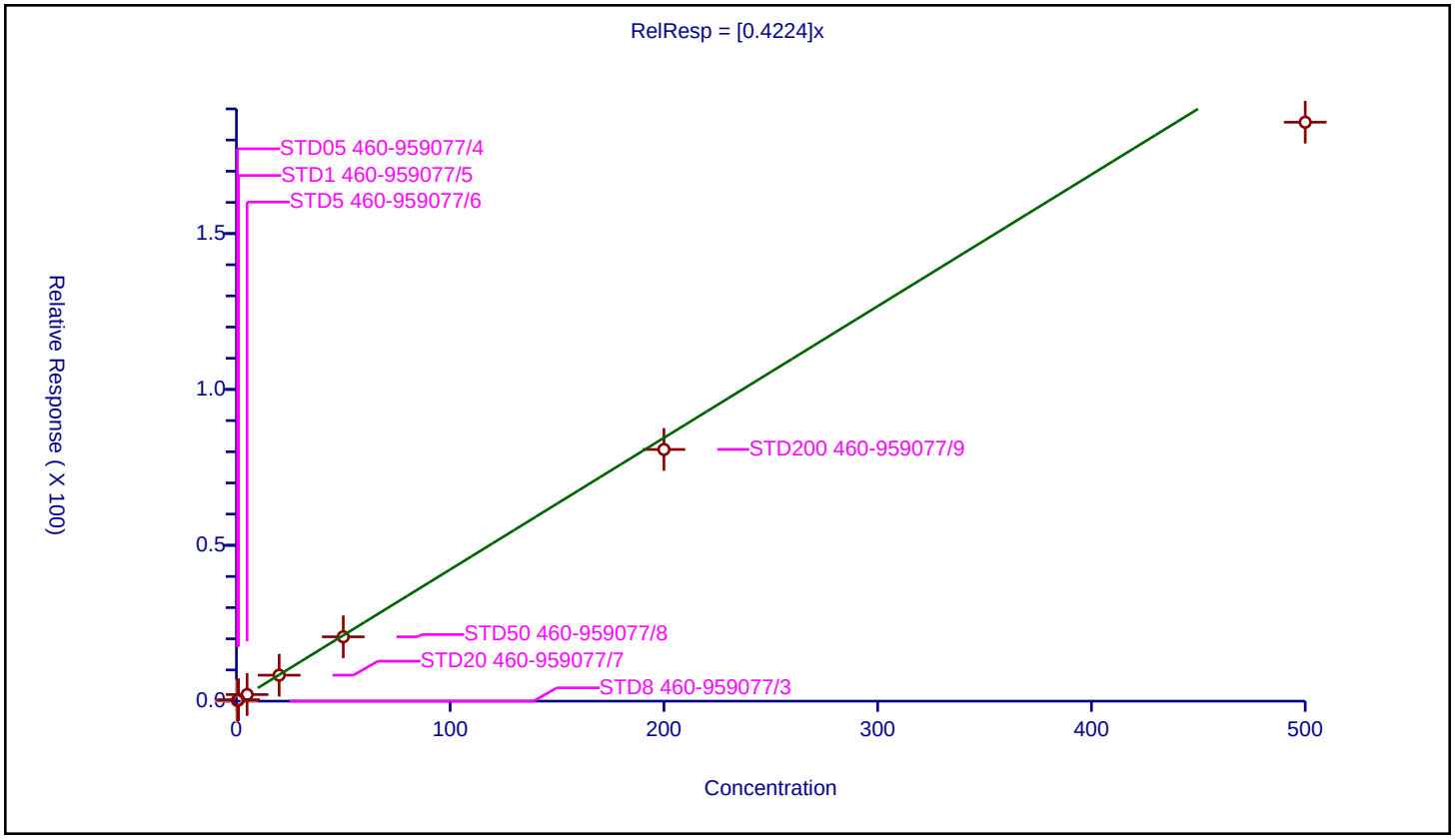
Curve Coefficients

Intercept:	0
Slope:	0.4224

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.241743	50.0	572301.0	0.483487	Y
3	STD1 460-959077/5	1.0	0.445965	50.0	554640.0	0.445965	Y
4	STD5 460-959077/6	5.0	2.114618	50.0	554592.0	0.422924	Y
5	STD20 460-959077/7	20.0	8.322858	50.0	561646.0	0.416143	Y
6	STD50 460-959077/8	50.0	20.64011	50.0	574292.0	0.412802	Y
7	STD200 460-959077/9	200.0	80.742497	50.0	585255.0	0.403712	Y
8	STD500 460-959077/10	500.0	185.719426	50.0	611432.0	0.371439	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

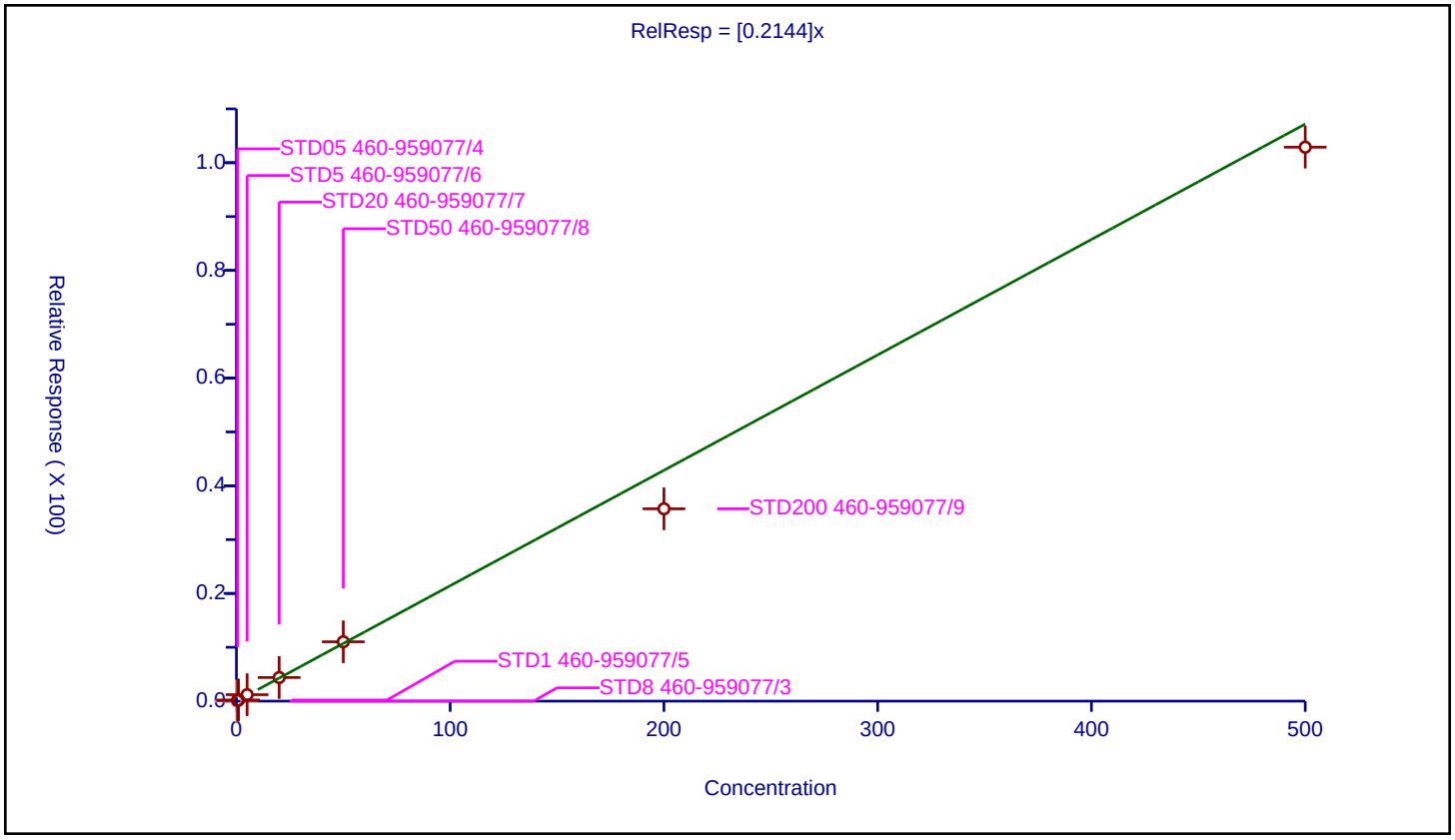
Curve Coefficients

Intercept:	0
Slope:	0.2144

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.11148	50.0	572301.0	0.22296	Y
3	STD1 460-959077/5	1.0	0.213832	50.0	554640.0	0.213832	Y
4	STD5 460-959077/6	5.0	1.198449	50.0	554592.0	0.23969	Y
5	STD20 460-959077/7	20.0	4.383811	50.0	561646.0	0.219191	Y
6	STD50 460-959077/8	50.0	11.023225	50.0	574292.0	0.220465	Y
7	STD200 460-959077/9	200.0	35.722634	50.0	585255.0	0.178613	Y
8	STD500 460-959077/10	500.0	102.884049	50.0	611432.0	0.205768	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

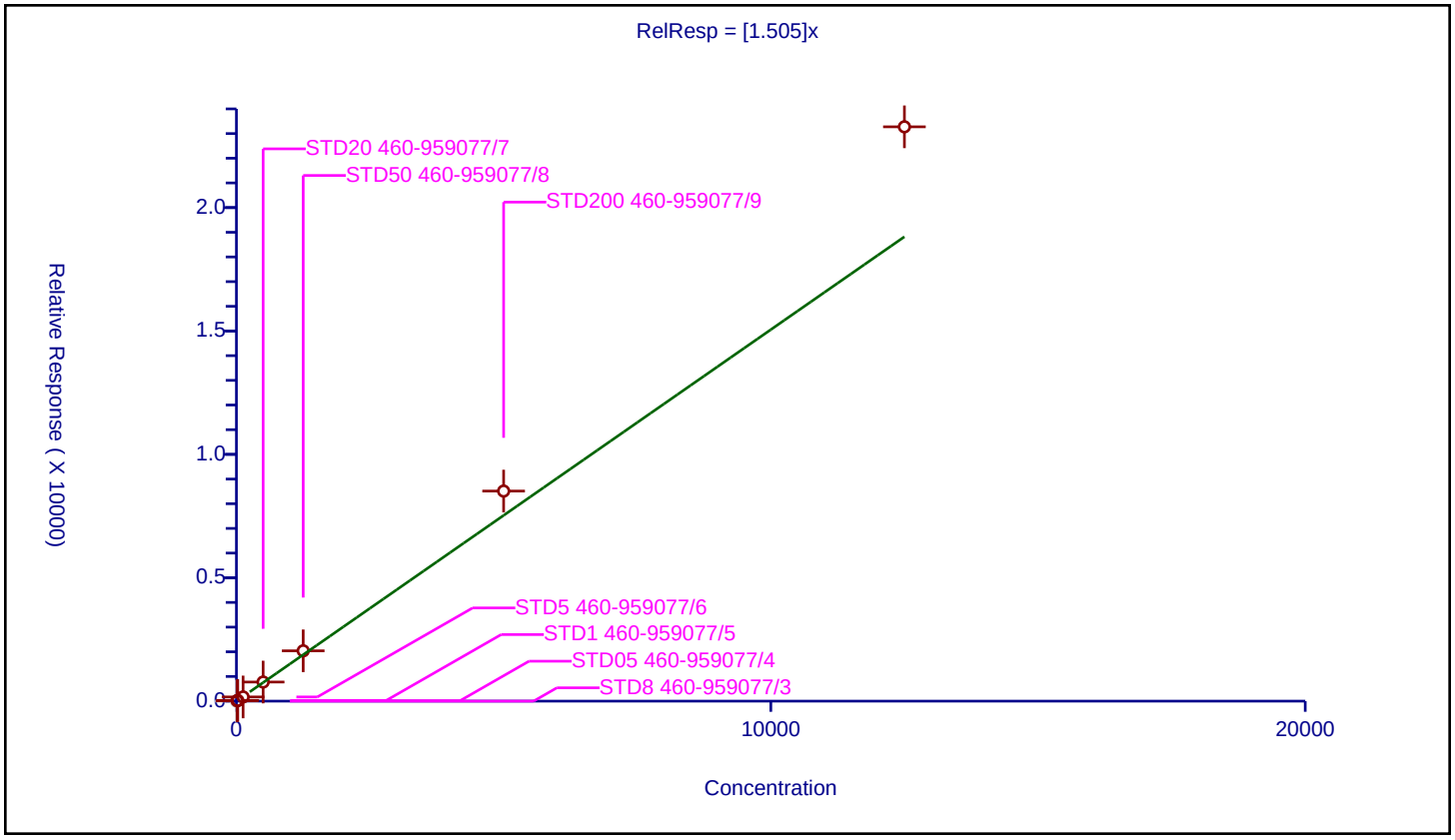
Curve Coefficients

Intercept:	0
Slope:	1.505

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	12.5	15.489908	1000.0	63267.0	1.239193	Y
3	STD1 460-959077/5	25.0	29.946023	1000.0	61878.0	1.197841	Y
4	STD5 460-959077/6	125.0	169.72681	1000.0	60727.0	1.357814	Y
5	STD20 460-959077/7	500.0	773.970848	1000.0	66341.0	1.547942	Y
6	STD50 460-959077/8	1250.0	2038.81515	1000.0	63738.0	1.631052	Y
7	STD200 460-959077/9	5000.0	8512.755887	1000.0	68243.0	1.702551	Y
8	STD500 460-959077/10	12500.0	23273.107384	1000.0	60987.0	1.861849	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

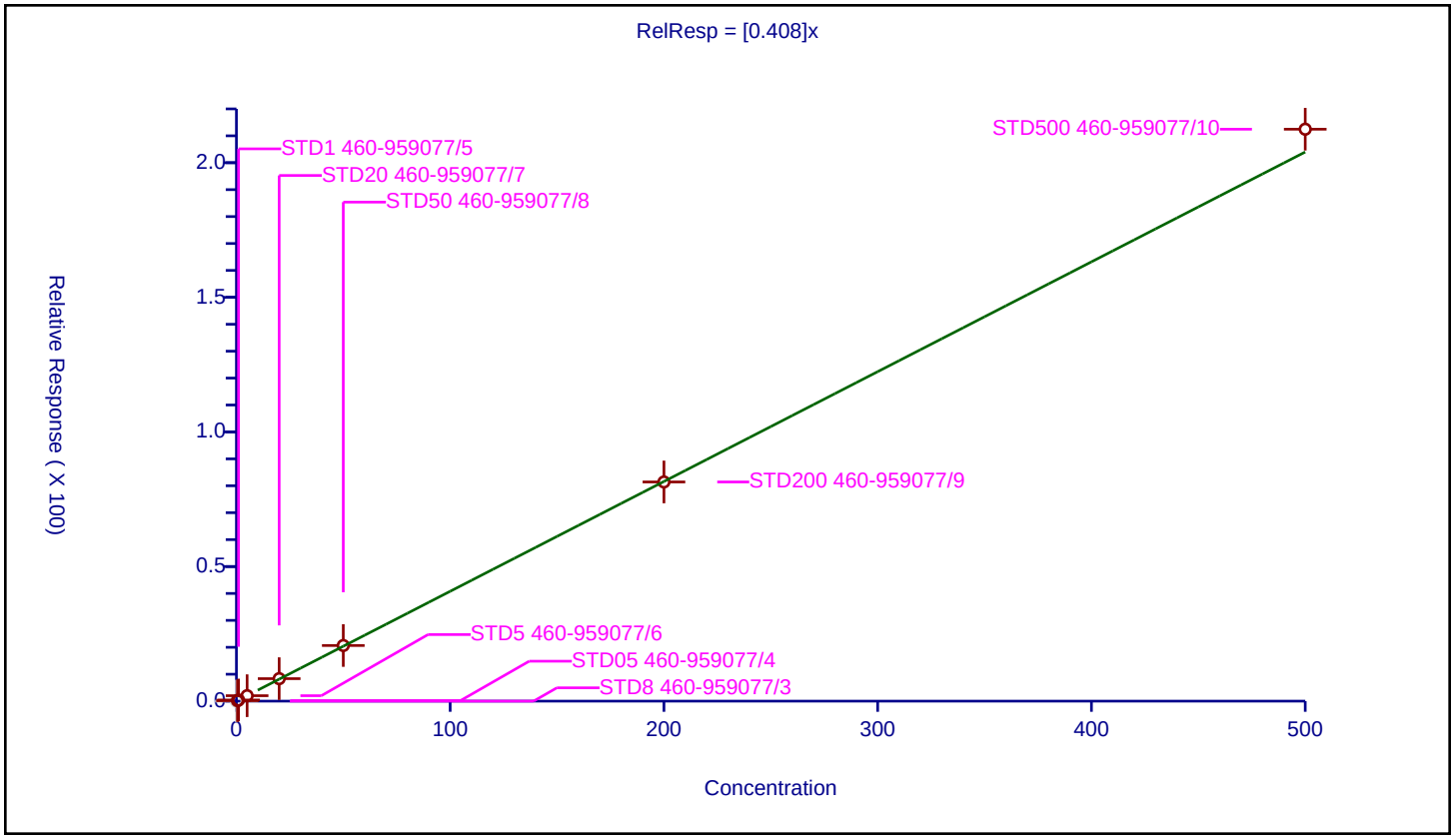
Curve Coefficients

Intercept:	0
Slope:	0.408

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.183557	50.0	572301.0	0.367115	Y
3	STD1 460-959077/5	1.0	0.421174	50.0	554640.0	0.421174	Y
4	STD5 460-959077/6	5.0	2.023019	50.0	554592.0	0.404604	Y
5	STD20 460-959077/7	20.0	8.352236	50.0	561646.0	0.417612	Y
6	STD50 460-959077/8	50.0	20.662834	50.0	574292.0	0.413257	Y
7	STD200 460-959077/9	200.0	81.419808	50.0	585255.0	0.407099	Y
8	STD500 460-959077/10	500.0	212.448645	50.0	611432.0	0.424897	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

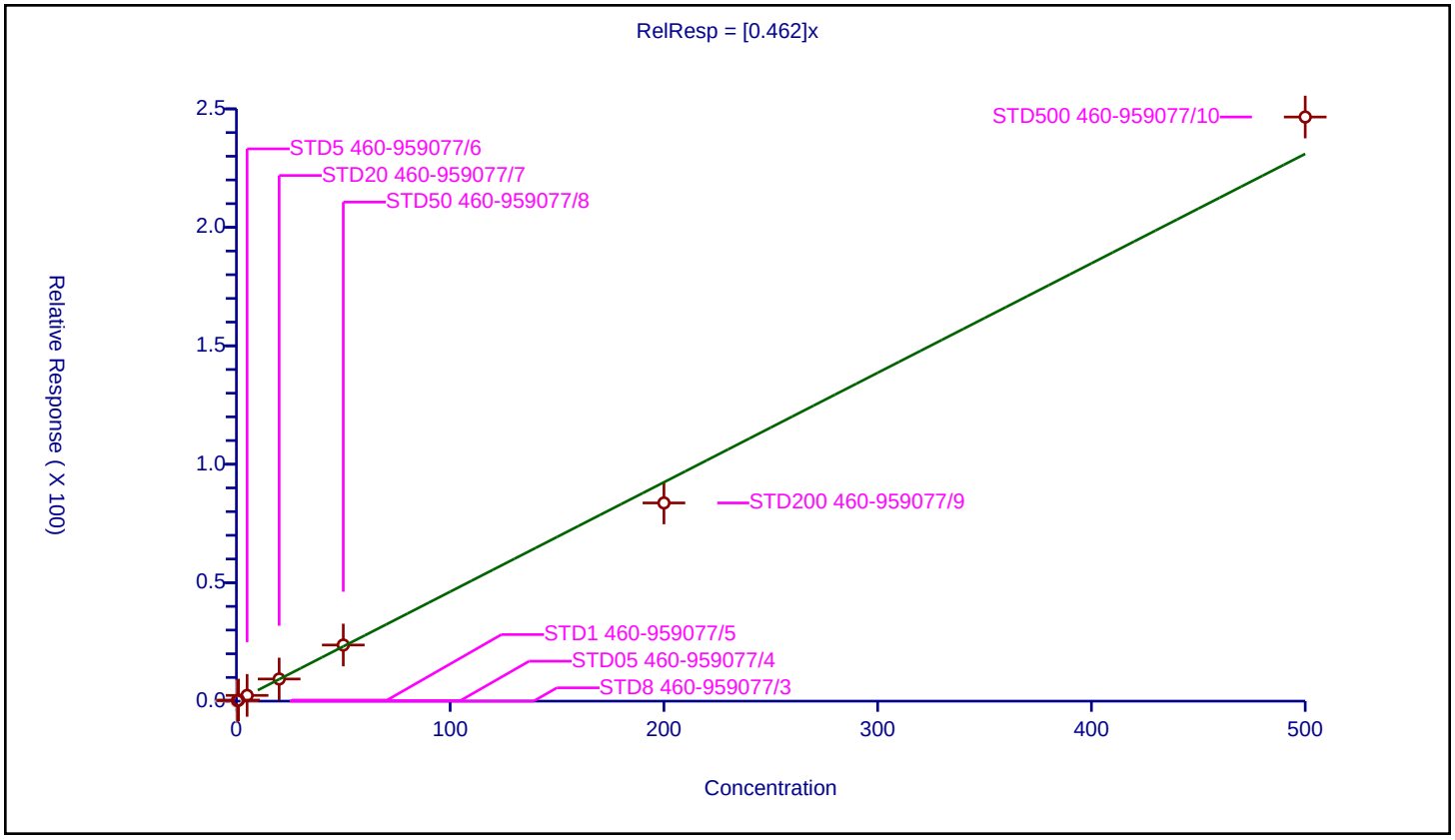
Curve Coefficients

Intercept:	0
Slope:	0.462

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.223222	50.0	572301.0	0.446443	Y
3	STD1 460-959077/5	1.0	0.451374	50.0	554640.0	0.451374	Y
4	STD5 460-959077/6	5.0	2.417723	50.0	554592.0	0.483545	Y
5	STD20 460-959077/7	20.0	9.348682	50.0	561646.0	0.467434	Y
6	STD50 460-959077/8	50.0	23.691519	50.0	574292.0	0.47383	Y
7	STD200 460-959077/9	200.0	83.668316	50.0	585255.0	0.418342	Y
8	STD500 460-959077/10	500.0	246.565358	50.0	611432.0	0.493131	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

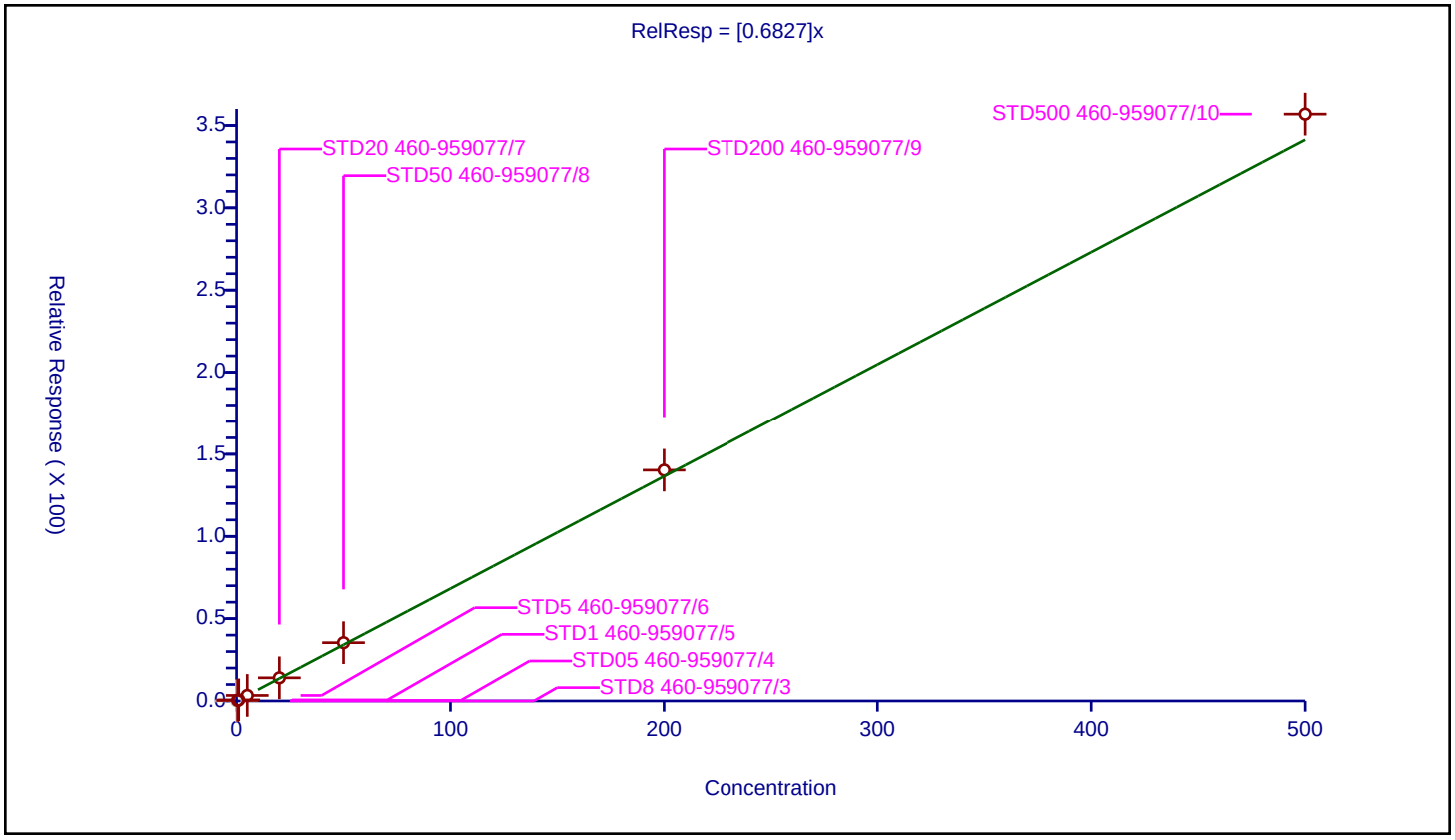
Curve Coefficients

Intercept:	0
Slope:	0.6827

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.312161	50.0	572301.0	0.624322	Y
3	STD1 460-959077/5	1.0	0.65556	50.0	554640.0	0.65556	Y
4	STD5 460-959077/6	5.0	3.360939	50.0	554592.0	0.672188	Y
5	STD20 460-959077/7	20.0	14.063129	50.0	561646.0	0.703156	Y
6	STD50 460-959077/8	50.0	35.402113	50.0	574292.0	0.708042	Y
7	STD200 460-959077/9	200.0	140.31183	50.0	585255.0	0.701559	Y
8	STD500 460-959077/10	500.0	356.870429	50.0	611432.0	0.713741	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

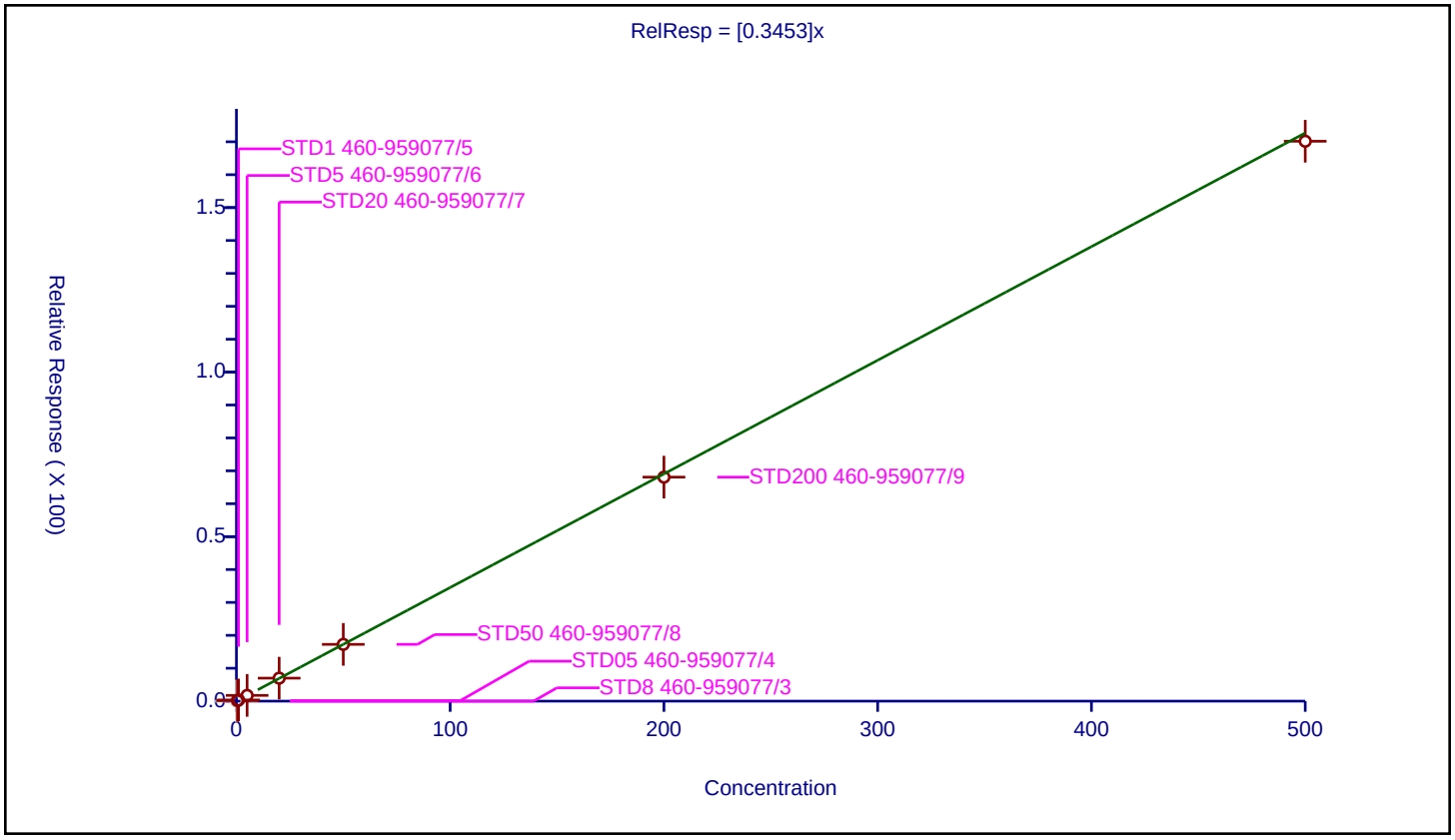
Curve Coefficients

Intercept:	0
Slope:	0.3453

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.16888	50.0	572301.0	0.337759	Y
3	STD1 460-959077/5	1.0	0.355907	50.0	554640.0	0.355907	Y
4	STD5 460-959077/6	5.0	1.741821	50.0	554592.0	0.348364	Y
5	STD20 460-959077/7	20.0	6.990524	50.0	561646.0	0.349526	Y
6	STD50 460-959077/8	50.0	17.256378	50.0	574292.0	0.345128	Y
7	STD200 460-959077/9	200.0	68.077676	50.0	585255.0	0.340388	Y
8	STD500 460-959077/10	500.0	170.161359	50.0	611432.0	0.340323	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

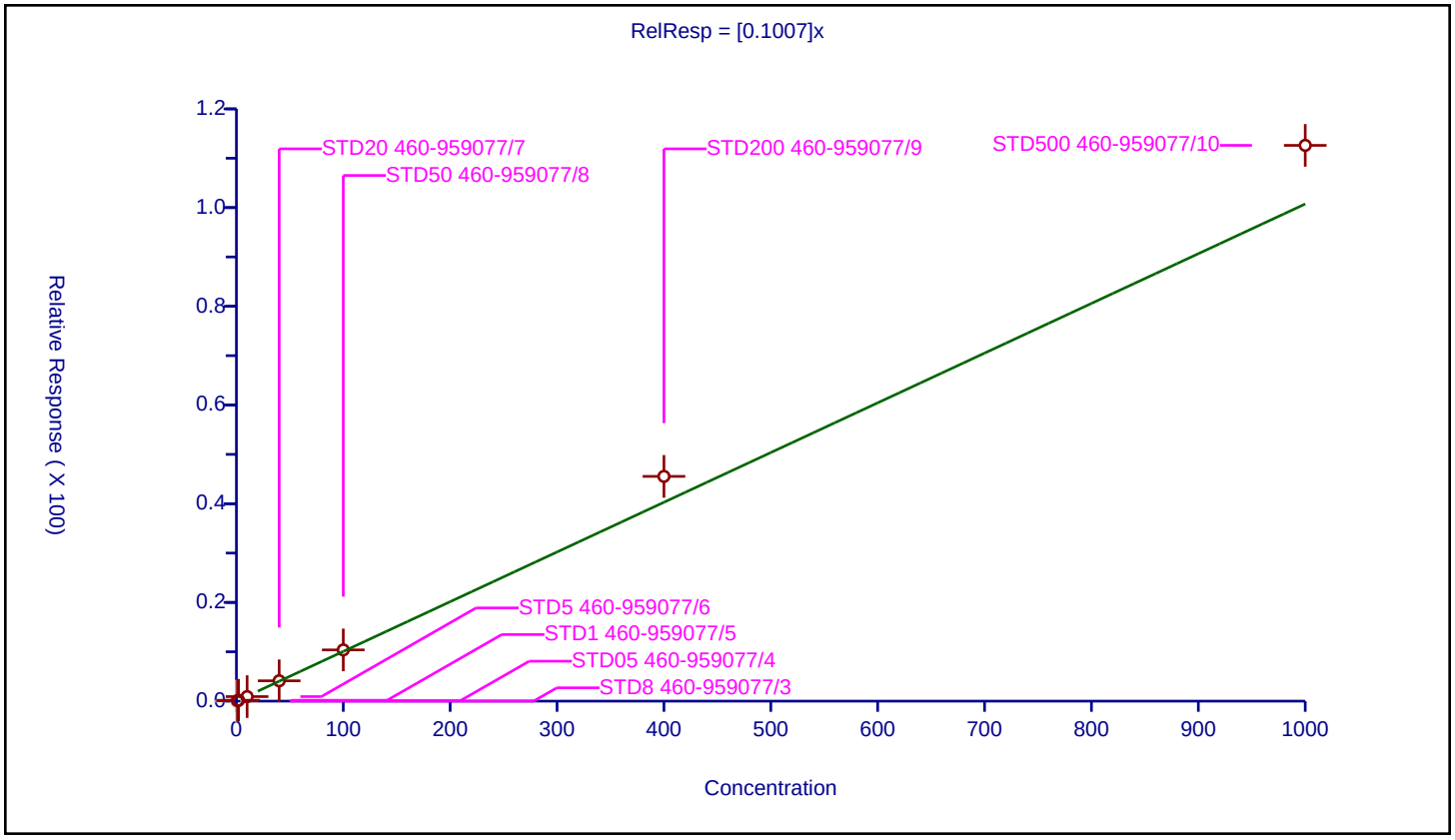
Curve Coefficients

Intercept:	0
Slope:	0.1007

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.091997	50.0	572301.0	0.091997	Y
3	STD1 460-959077/5	2.0	0.17588	50.0	554640.0	0.08794	Y
4	STD5 460-959077/6	10.0	0.918693	50.0	554592.0	0.091869	Y
5	STD20 460-959077/7	40.0	4.12208	50.0	561646.0	0.103052	Y
6	STD50 460-959077/8	100.0	10.380521	50.0	574292.0	0.103805	Y
7	STD200 460-959077/9	400.0	45.541003	50.0	585255.0	0.113853	Y
8	STD500 460-959077/10	1000.0	112.608761	50.0	611432.0	0.112609	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

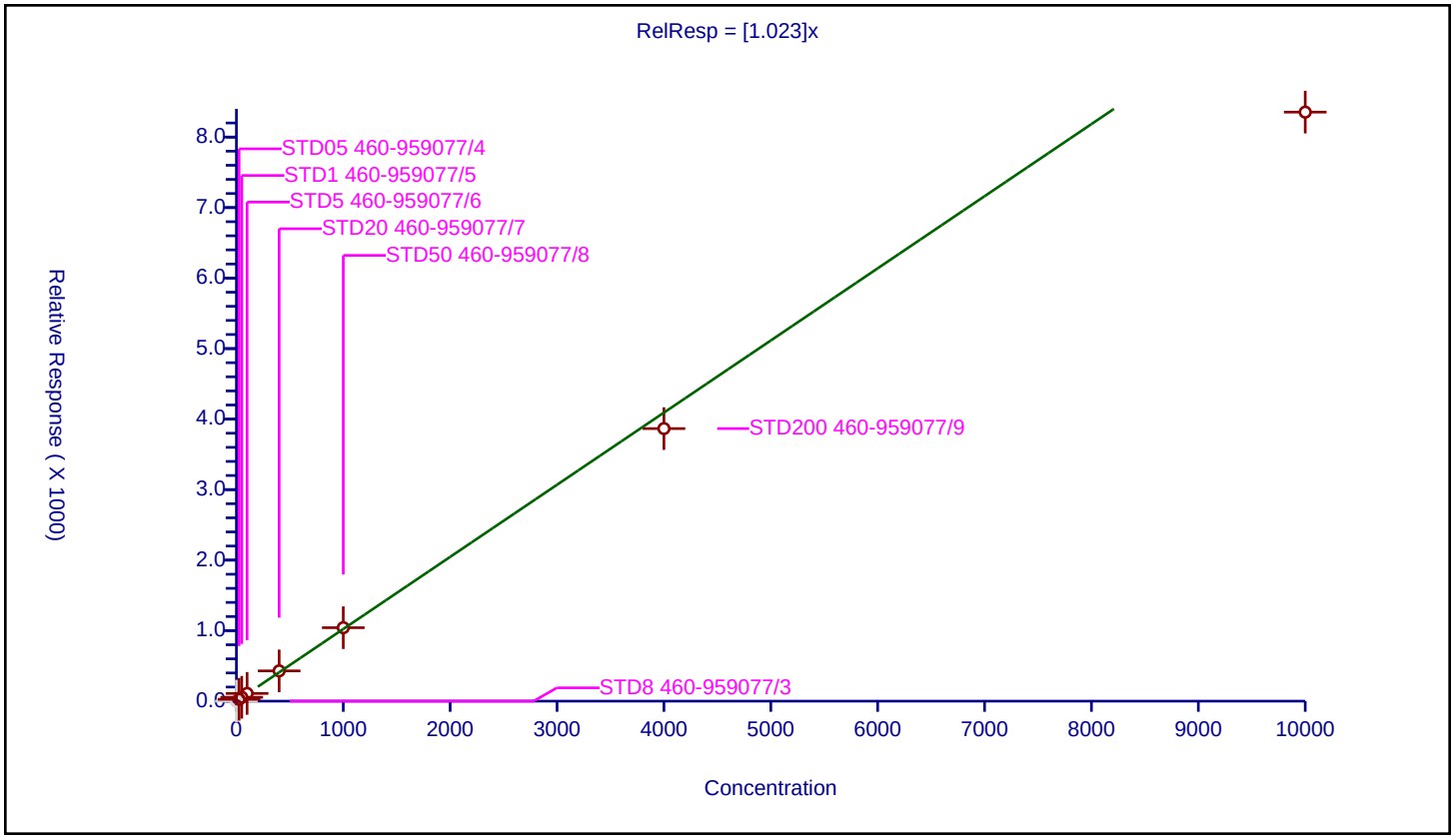
Curve Coefficients

Intercept:	0
Slope:	1.023

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	55464.0	NaN	N
2	STD05 460-959077/4	25.000031	26.254768	1000.0	53476.0	1.050189	Y
3	STD1 460-959077/5	50.000062	55.104486	1000.0	52591.0	1.102088	Y
4	STD5 460-959077/6	100.0	109.222938	1000.0	53432.0	1.092229	Y
5	STD20 460-959077/7	400.0	429.407997	1000.0	54645.0	1.07352	Y
6	STD50 460-959077/8	1000.0	1041.592095	1000.0	53640.0	1.041592	Y
7	STD200 460-959077/9	4000.0	3865.916479	1000.0	59985.0	0.966479	Y
8	STD500 460-959077/10	10000.0	8353.873133	1000.0	66148.0	0.835387	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

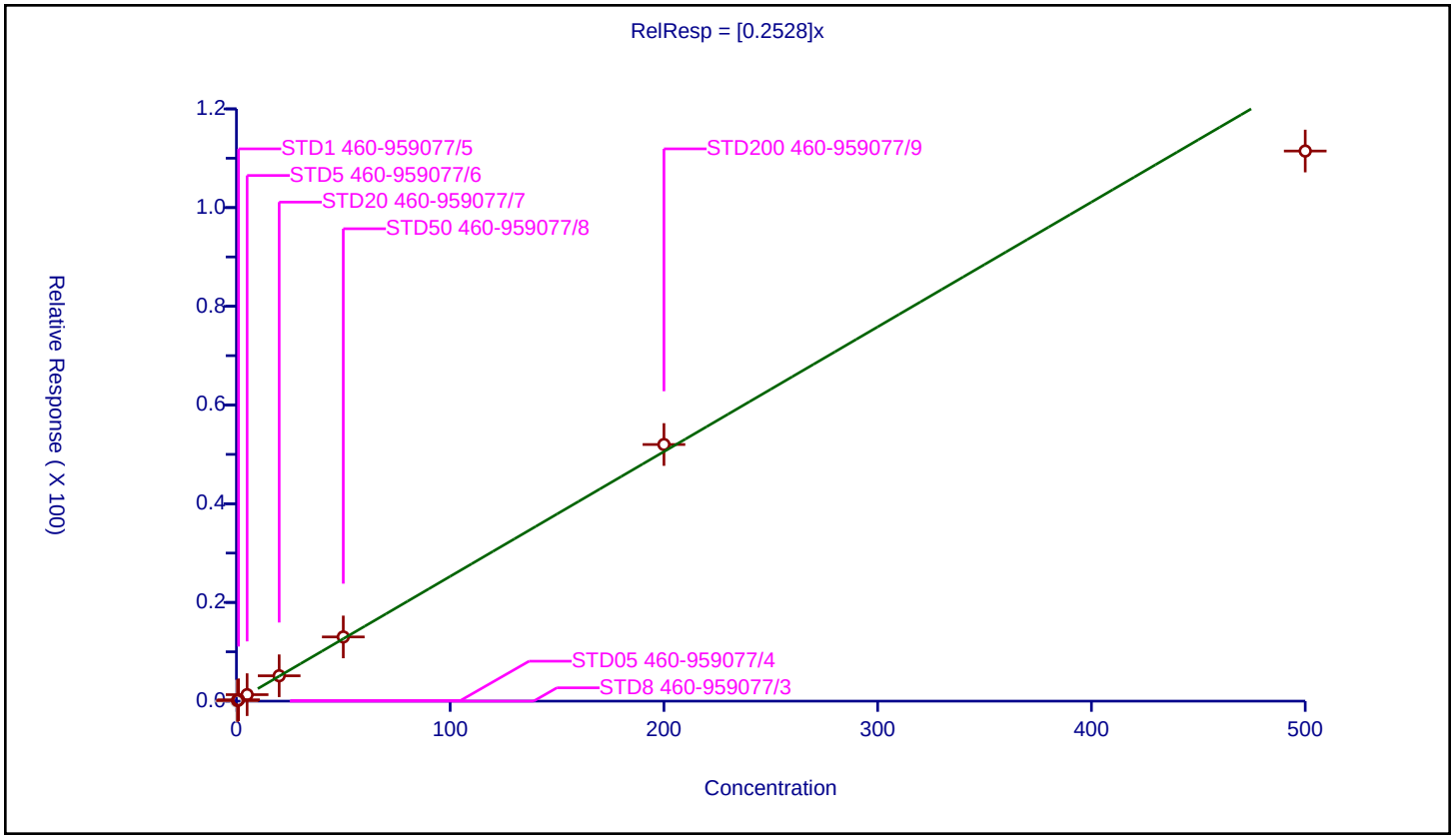
Curve Coefficients

Intercept:	0
Slope:	0.2528

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.116634	50.0	572301.0	0.233269	Y
3	STD1 460-959077/5	1.0	0.27333	50.0	554640.0	0.27333	Y
4	STD5 460-959077/6	5.0	1.313578	50.0	554592.0	0.262716	Y
5	STD20 460-959077/7	20.0	5.141228	50.0	561646.0	0.257061	Y
6	STD50 460-959077/8	50.0	13.010542	50.0	574292.0	0.260211	Y
7	STD200 460-959077/9	200.0	51.99947	50.0	585255.0	0.259997	Y
8	STD500 460-959077/10	500.0	111.461046	50.0	611432.0	0.222922	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

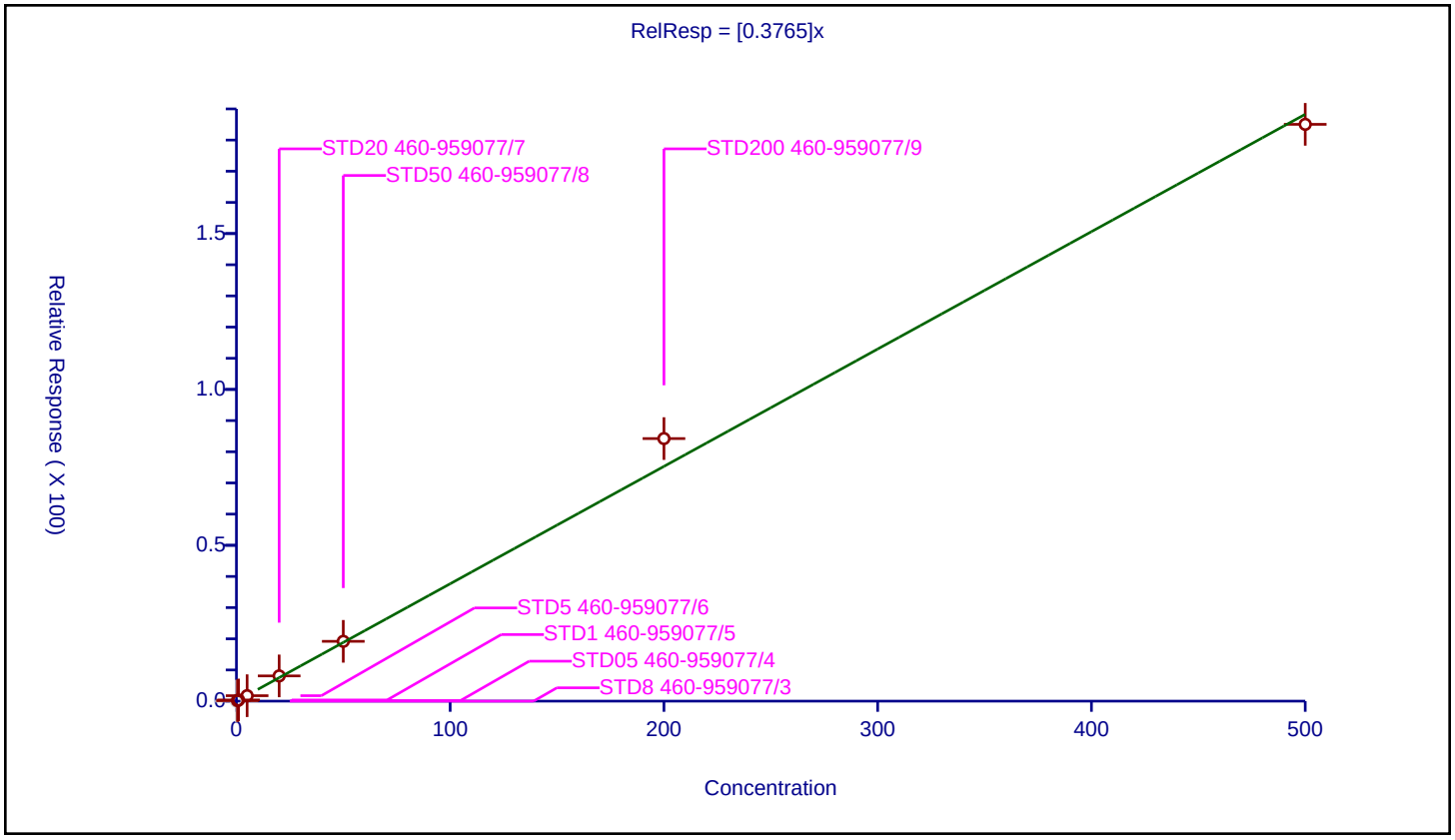
Curve Coefficients

Intercept:	0
Slope:	0.3765

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.166171	50.0	572301.0	0.332343	Y
3	STD1 460-959077/5	1.0	0.373486	50.0	554640.0	0.373486	Y
4	STD5 460-959077/6	5.0	1.750296	50.0	554592.0	0.350059	Y
5	STD20 460-959077/7	20.0	8.096737	50.0	561646.0	0.404837	Y
6	STD50 460-959077/8	50.0	19.188845	50.0	574292.0	0.383777	Y
7	STD200 460-959077/9	200.0	84.232087	50.0	585255.0	0.42116	Y
8	STD500 460-959077/10	500.0	185.043472	50.0	611432.0	0.370087	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

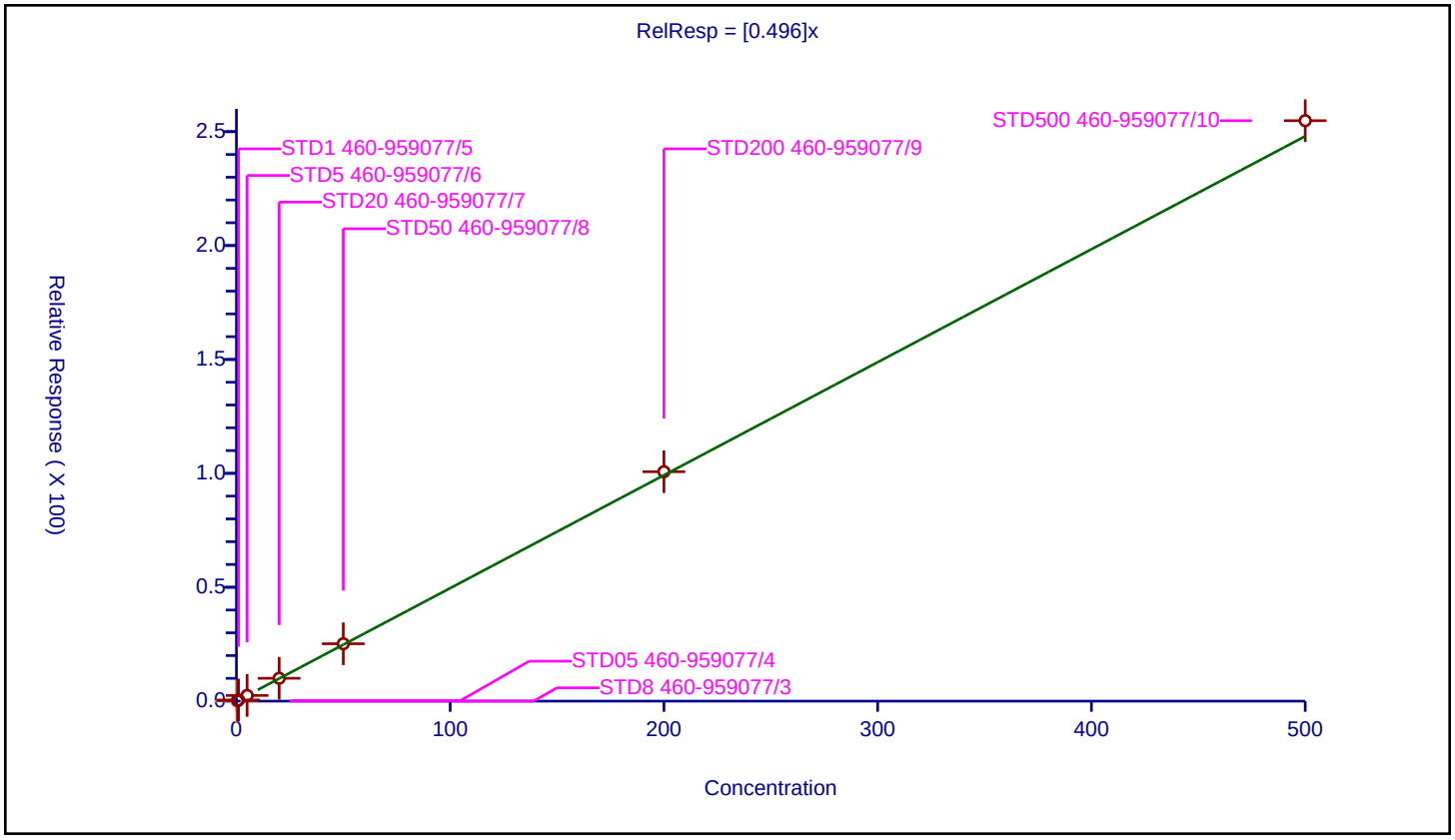
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.226367	50.0	572301.0	0.452734	Y
3	STD1 460-959077/5	1.0	0.501316	50.0	554640.0	0.501316	Y
4	STD5 460-959077/6	5.0	2.493545	50.0	554592.0	0.498709	Y
5	STD20 460-959077/7	20.0	10.03755	50.0	561646.0	0.501878	Y
6	STD50 460-959077/8	50.0	25.196851	50.0	574292.0	0.503937	Y
7	STD200 460-959077/9	200.0	100.728828	50.0	585255.0	0.503644	Y
8	STD500 460-959077/10	500.0	254.817543	50.0	611432.0	0.509635	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

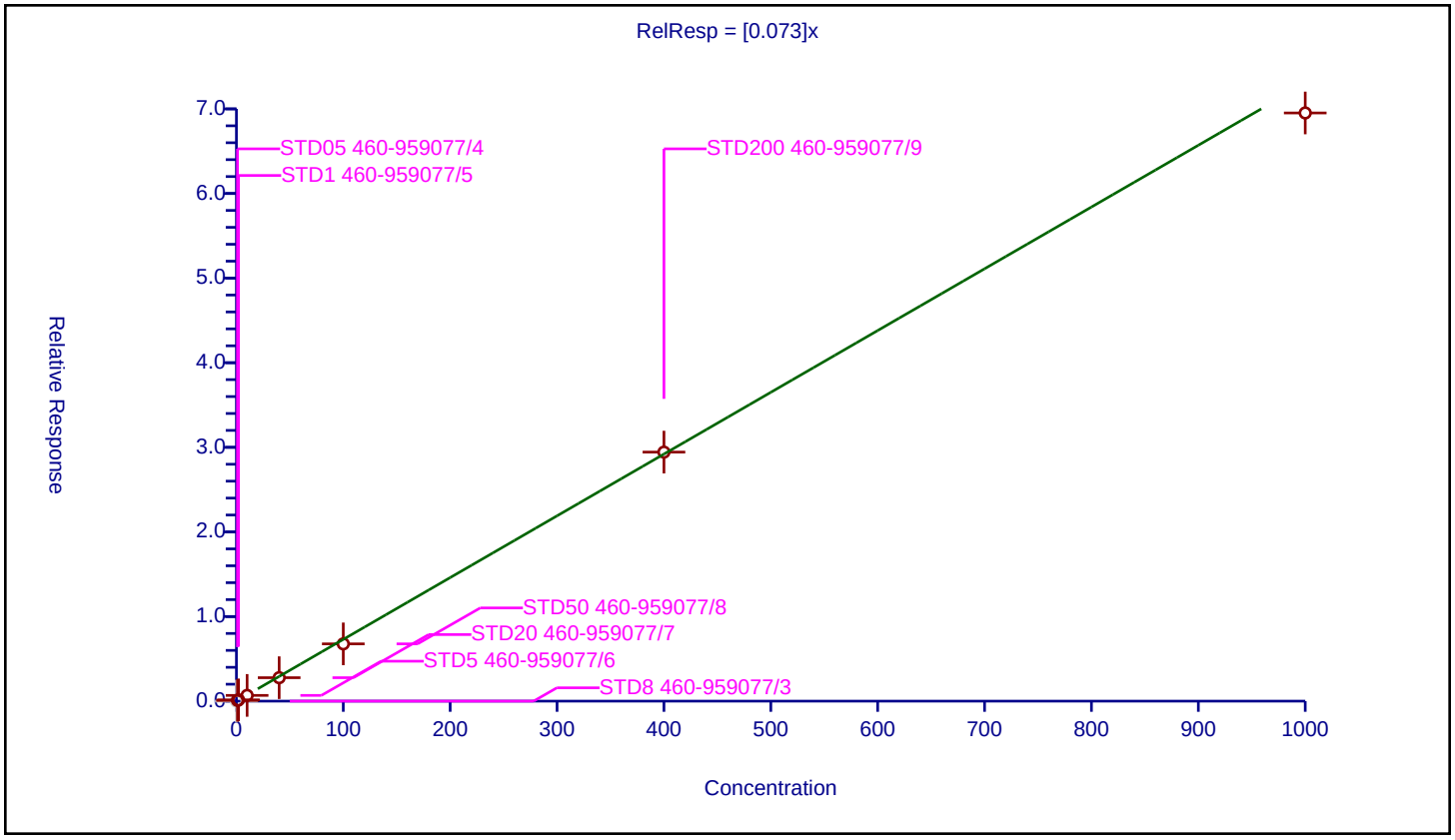
Curve Coefficients

Intercept:	0
Slope:	0.073

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.089638	50.0	572301.0	0.089638	Y
3	STD1 460-959077/5	2.0	0.146852	50.0	554640.0	0.073426	Y
4	STD5 460-959077/6	10.0	0.678697	50.0	554592.0	0.06787	Y
5	STD20 460-959077/7	40.0	2.77123	50.0	561646.0	0.069281	Y
6	STD50 460-959077/8	100.0	6.770423	50.0	574292.0	0.067704	Y
7	STD200 460-959077/9	400.0	29.43358	50.0	585255.0	0.073584	Y
8	STD500 460-959077/10	1000.0	69.519669	50.0	611432.0	0.06952	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

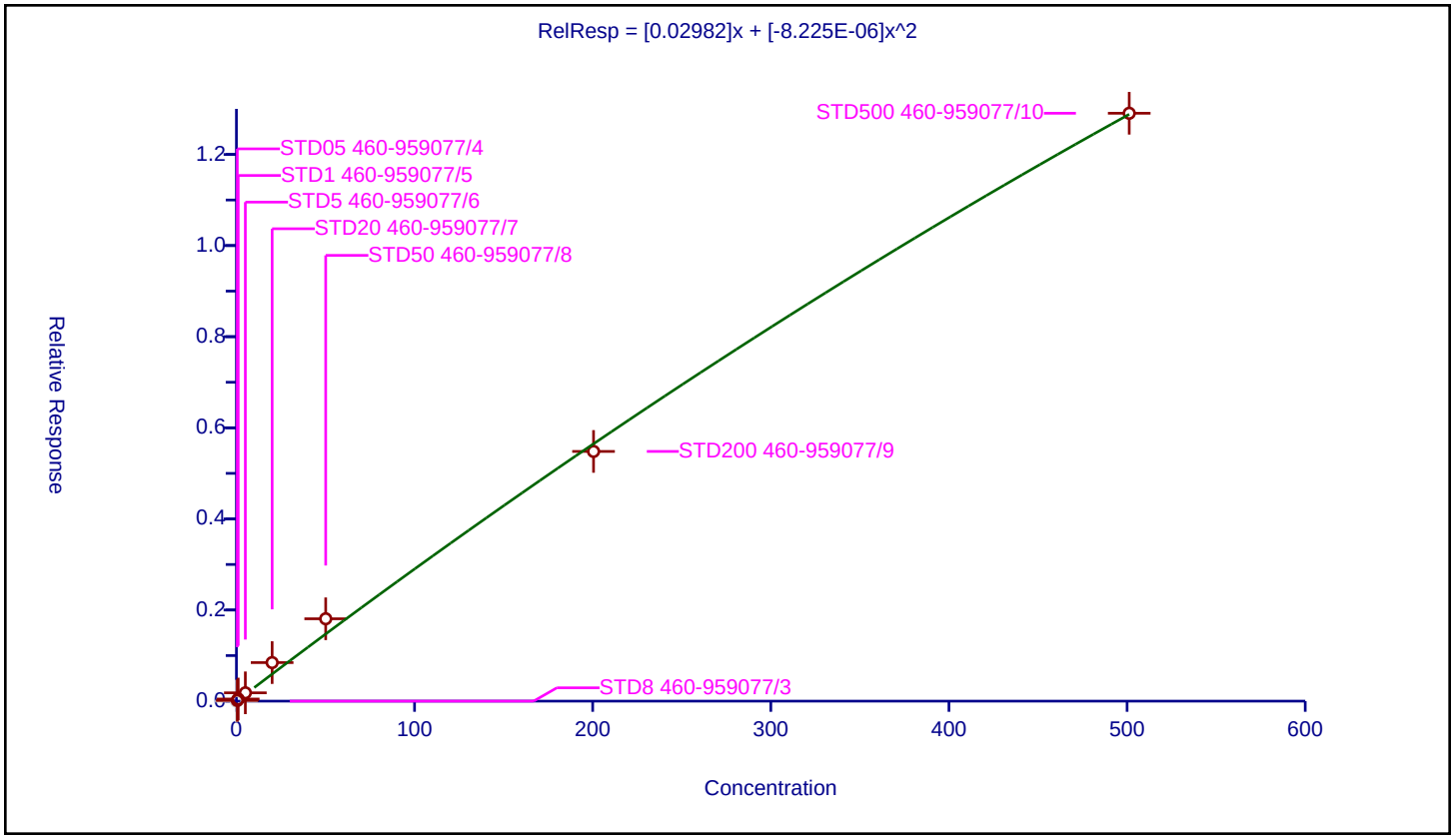
Curve Coefficients

Intercept:	0
Slope:	0.02982
Second Order:	-8.225E-06

Error Coefficients

Relative Standard Deviation:	34.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5012	0.015639	50.0	572301.0	0.031202	Y
3	STD1 460-959077/5	1.0024	0.046427	50.0	554640.0	0.046315	Y
4	STD5 460-959077/6	5.012	0.182837	50.0	554592.0	0.03648	Y
5	STD20 460-959077/7	20.048	0.846441	50.0	561646.0	0.042221	Y
6	STD50 460-959077/8	50.12	1.807965	50.0	574292.0	0.036073	Y
7	STD200 460-959077/9	200.48	5.481286	50.0	585255.0	0.027341	Y
8	STD500 460-959077/10	501.2	12.904051	50.0	611432.0	0.025746	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

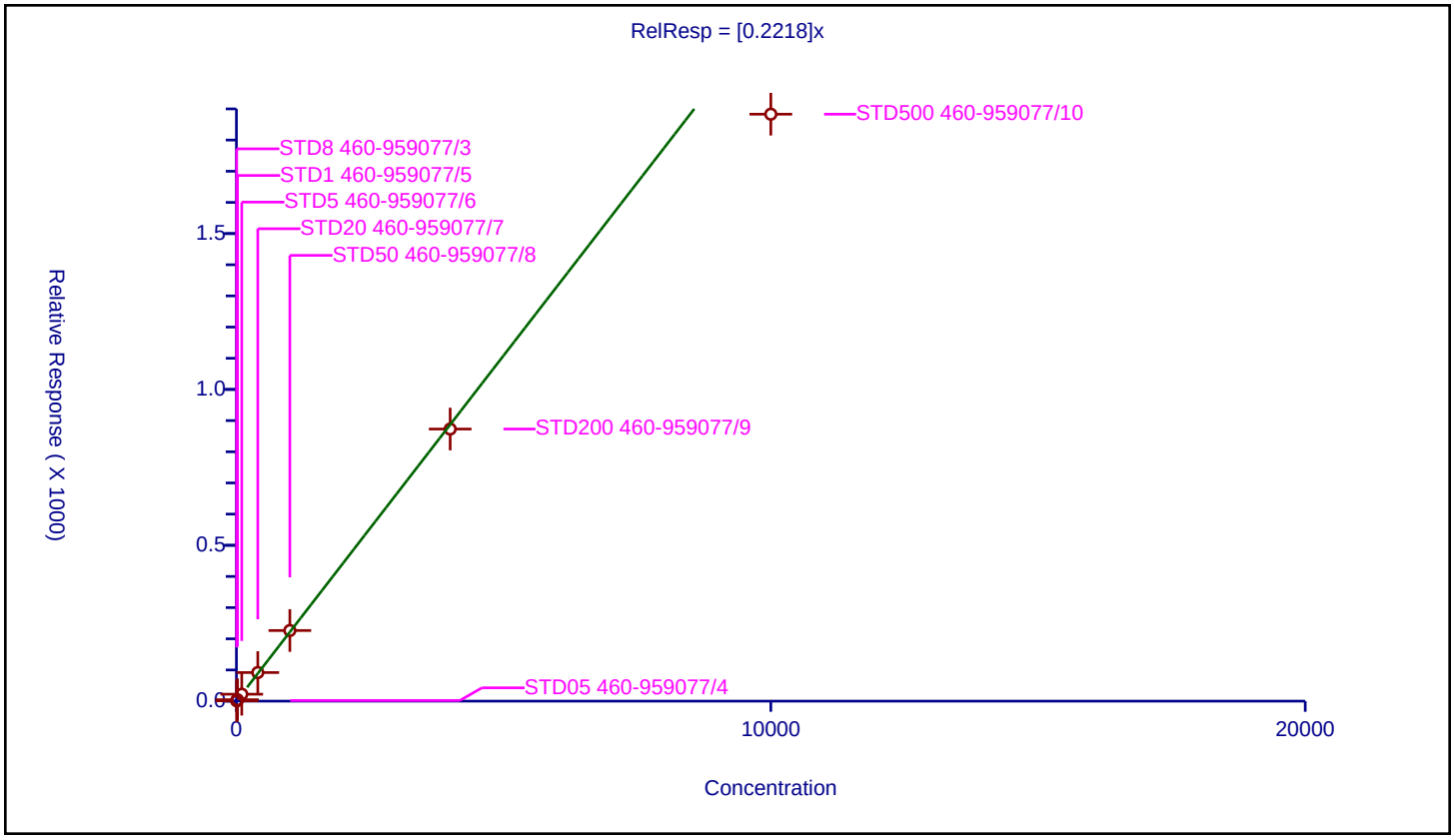
Curve Coefficients

Intercept:	0
Slope:	0.2218

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	5.000009	1.251656	250.0	342746.0	0.250331	Y
2	STD05 460-959077/4	10.000017	2.11369	250.0	343830.0	0.211369	Y
3	STD1 460-959077/5	20.000035	4.543333	250.0	338573.0	0.227166	Y
4	STD5 460-959077/6	100.000173	22.285429	250.0	335937.0	0.222854	Y
5	STD20 460-959077/7	400.000692	91.743952	250.0	360784.0	0.229359	Y
6	STD50 460-959077/8	1000.00173	226.524544	250.0	351974.0	0.226524	Y
7	STD200 460-959077/9	4000.00692	872.911452	250.0	366343.0	0.218227	Y
8	STD500 460-959077/10	10000.0173	1882.975884	250.0	348488.0	0.188297	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

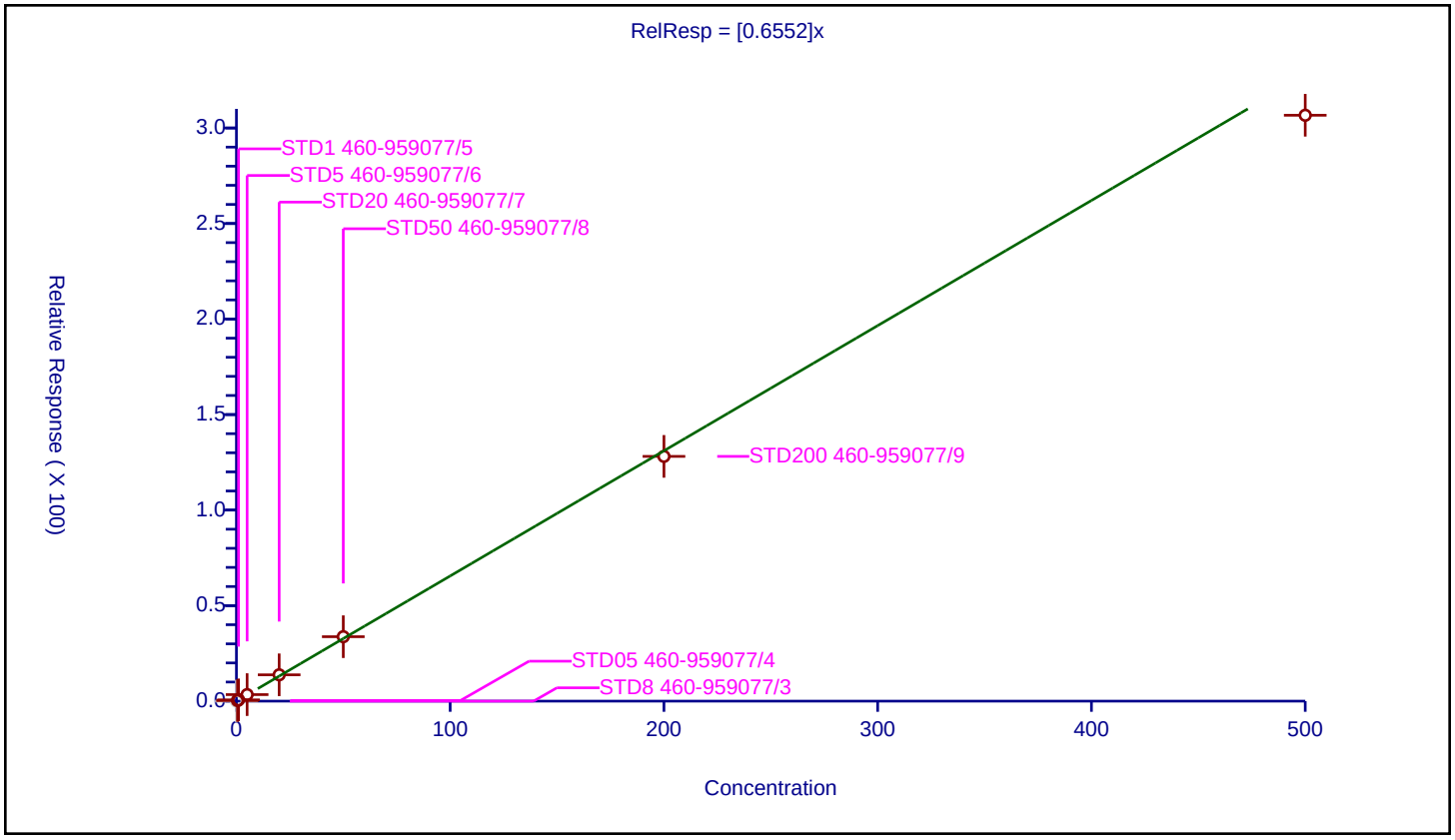
Curve Coefficients

Intercept:	0
Slope:	0.6552

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.309925	50.0	498830.0	0.61985	Y
3	STD1 460-959077/5	1.0	0.665729	50.0	486159.0	0.665729	Y
4	STD5 460-959077/6	5.0	3.415707	50.0	487454.0	0.683141	Y
5	STD20 460-959077/7	20.0	13.779209	50.0	504423.0	0.68896	Y
6	STD50 460-959077/8	50.0	33.735375	50.0	520759.0	0.674707	Y
7	STD200 460-959077/9	200.0	128.111331	50.0	559415.0	0.640557	Y
8	STD500 460-959077/10	500.0	306.669181	50.0	604482.0	0.613338	Y



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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

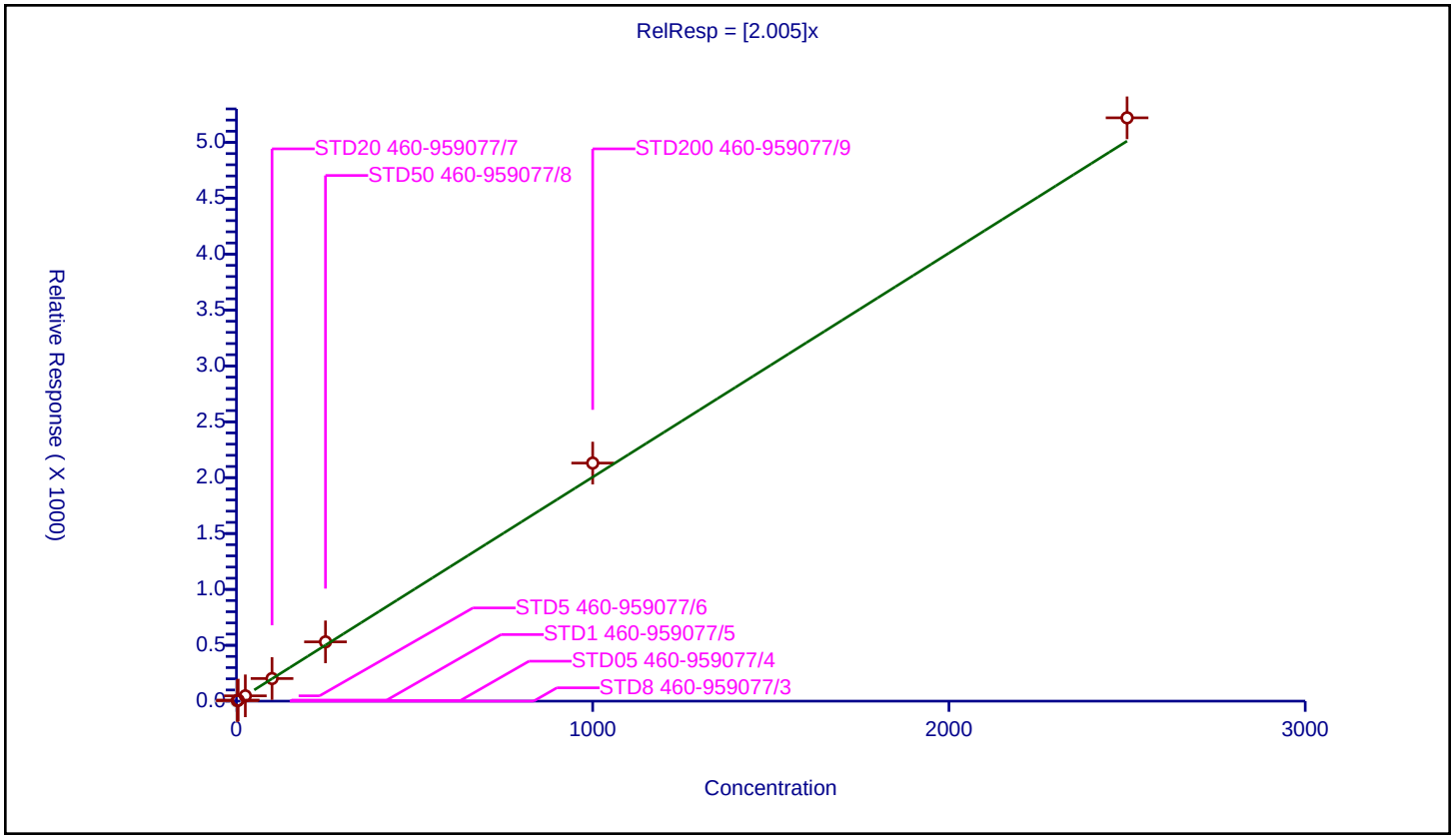
Curve Coefficients

Intercept:	0
Slope:	2.005

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	4.65419	250.0	343830.0	1.861676	Y
3	STD1 460-959077/5	5.0	9.529703	250.0	338573.0	1.905941	Y
4	STD5 460-959077/6	25.0	47.587792	250.0	335937.0	1.903512	Y
5	STD20 460-959077/7	100.0	202.346834	250.0	360784.0	2.023468	Y
6	STD50 460-959077/8	250.0	530.416309	250.0	351974.0	2.121665	Y
7	STD200 460-959077/9	1000.0	2130.372356	250.0	366343.0	2.130372	Y
8	STD500 460-959077/10	2500.0	5220.140292	250.0	348488.0	2.088056	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

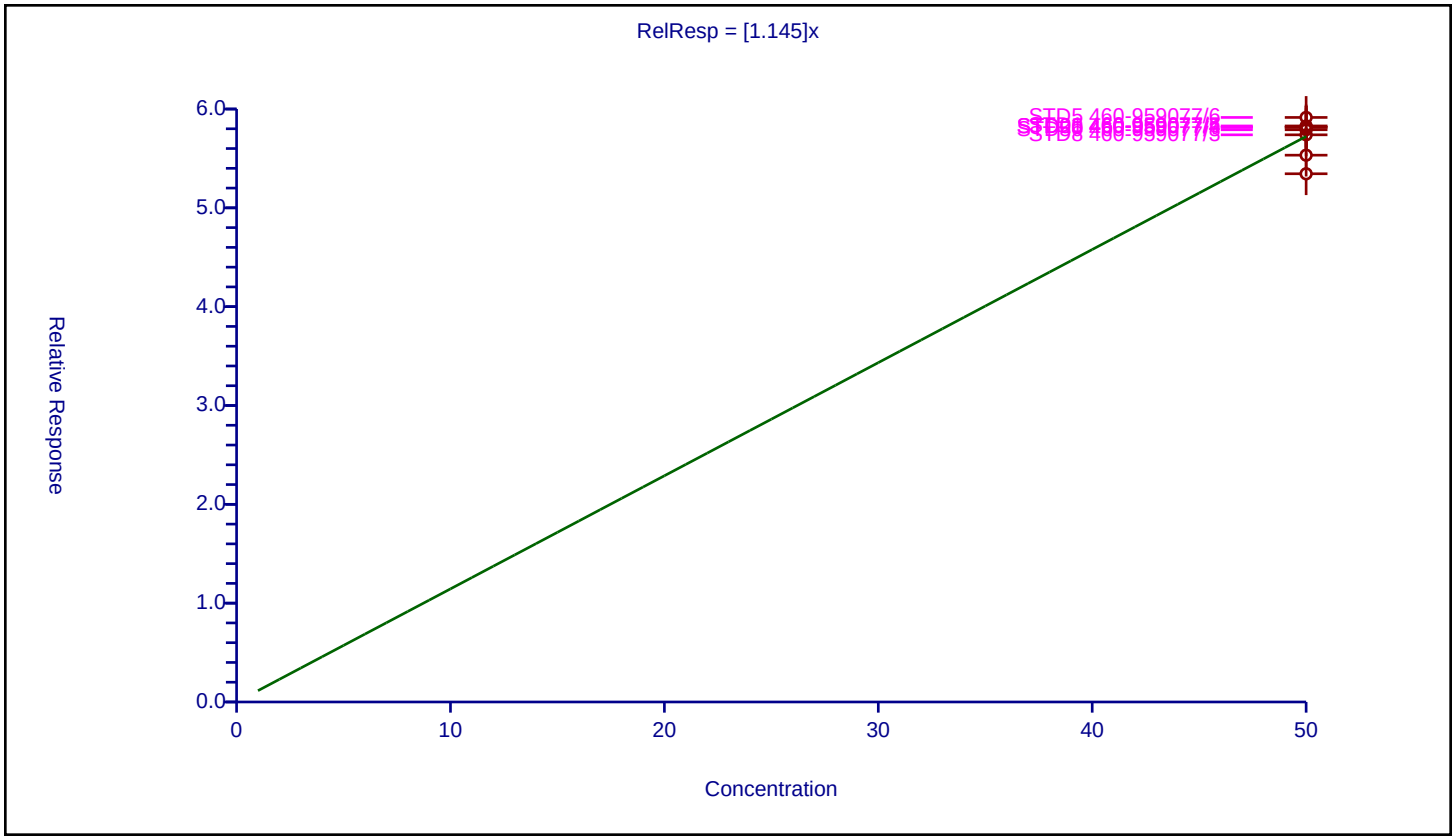
Curve Coefficients

Intercept:	0
Slope:	1.145

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	57.386948	50.0	509412.0	1.147739	Y
2	STD05 460-959077/4	50.0	58.150071	50.0	498830.0	1.163001	Y
3	STD1 460-959077/5	50.0	58.287309	50.0	486159.0	1.165746	Y
4	STD5 460-959077/6	50.0	59.148043	50.0	487454.0	1.182961	Y
5	STD20 460-959077/7	50.0	58.166459	50.0	504423.0	1.163329	Y
6	STD50 460-959077/8	50.0	57.900104	50.0	520759.0	1.158002	Y
7	STD200 460-959077/9	50.0	55.327977	50.0	559415.0	1.10656	Y
8	STD500 460-959077/10	50.0	53.449813	50.0	604482.0	1.068996	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

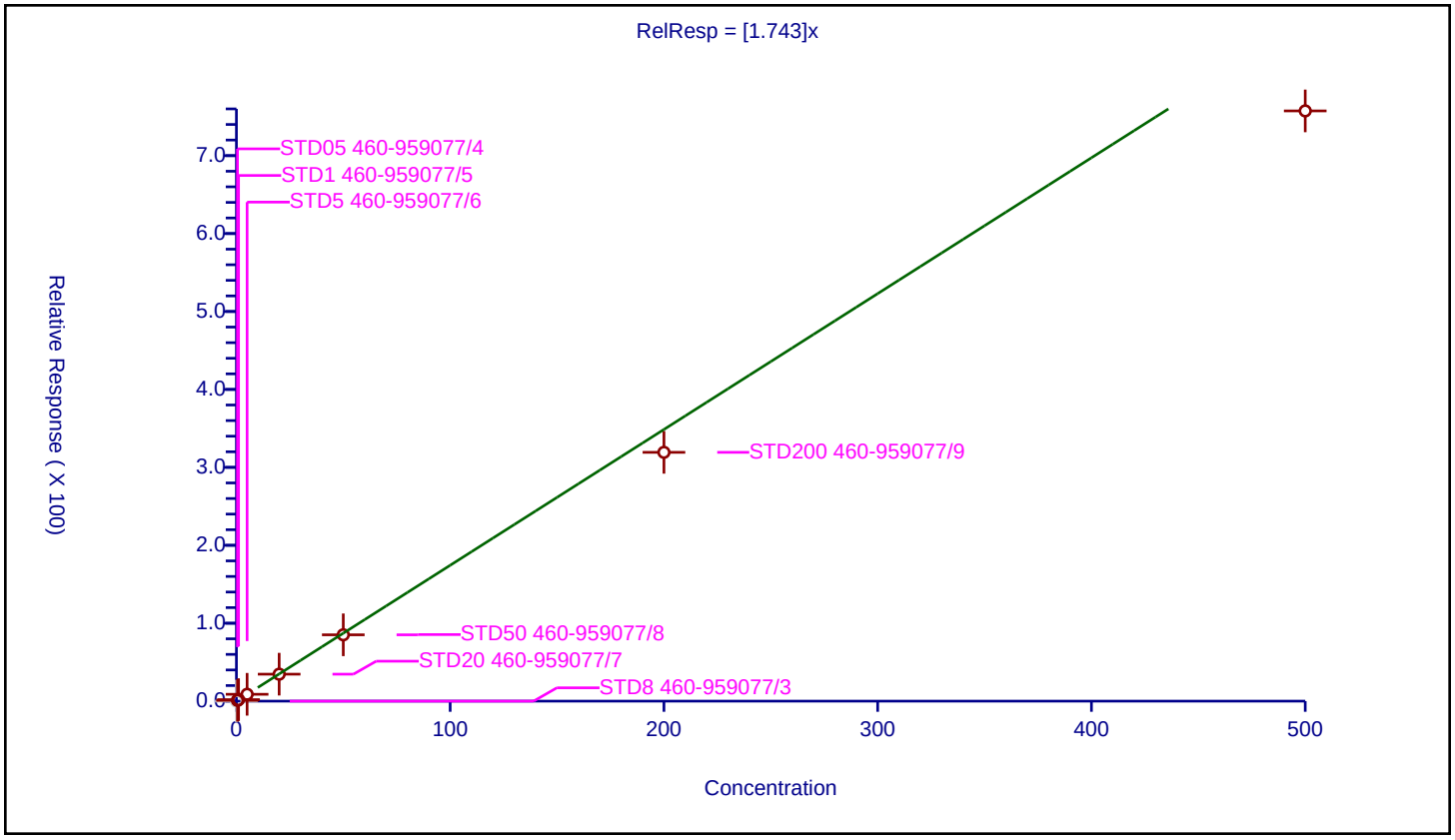
Curve Coefficients

Intercept:	0
Slope:	1.743

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.996031	50.0	498830.0	1.992061	Y
3	STD1 460-959077/5	1.0	1.905035	50.0	486159.0	1.905035	Y
4	STD5 460-959077/6	5.0	8.808626	50.0	487454.0	1.761725	Y
5	STD20 460-959077/7	20.0	34.591305	50.0	504423.0	1.729565	Y
6	STD50 460-959077/8	50.0	85.126901	50.0	520759.0	1.702538	Y
7	STD200 460-959077/9	200.0	319.284789	50.0	559415.0	1.596424	Y
8	STD500 460-959077/10	500.0	757.418583	50.0	604482.0	1.514837	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

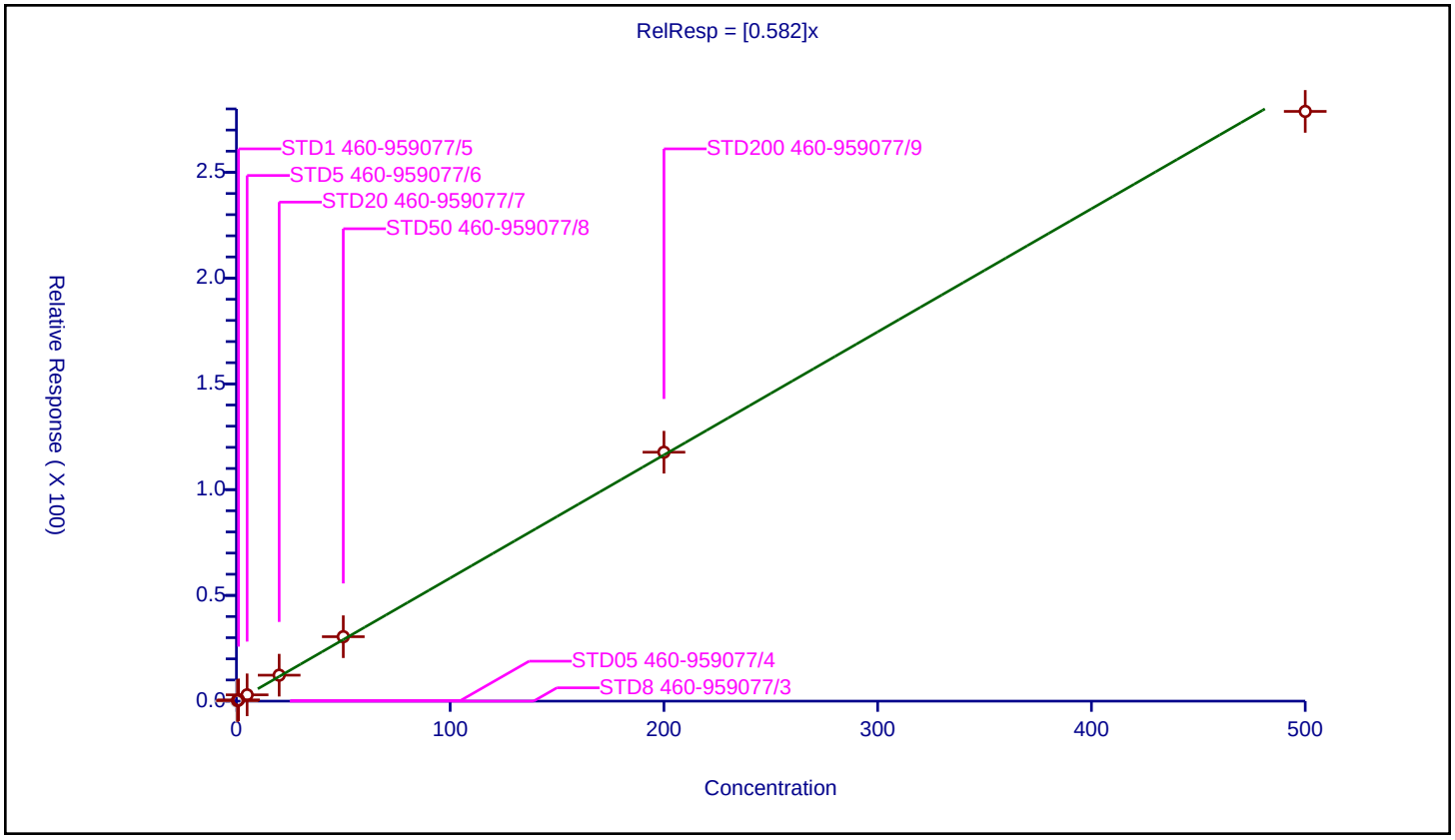
Curve Coefficients

Intercept:	0
Slope:	0.582

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.26081	50.0	498830.0	0.521621	Y
3	STD1 460-959077/5	1.0	0.587565	50.0	486159.0	0.587565	Y
4	STD5 460-959077/6	5.0	2.978948	50.0	487454.0	0.59579	Y
5	STD20 460-959077/7	20.0	12.266392	50.0	504423.0	0.61332	Y
6	STD50 460-959077/8	50.0	30.466684	50.0	520759.0	0.609334	Y
7	STD200 460-959077/9	200.0	117.685171	50.0	559415.0	0.588426	Y
8	STD500 460-959077/10	500.0	278.814423	50.0	604482.0	0.557629	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

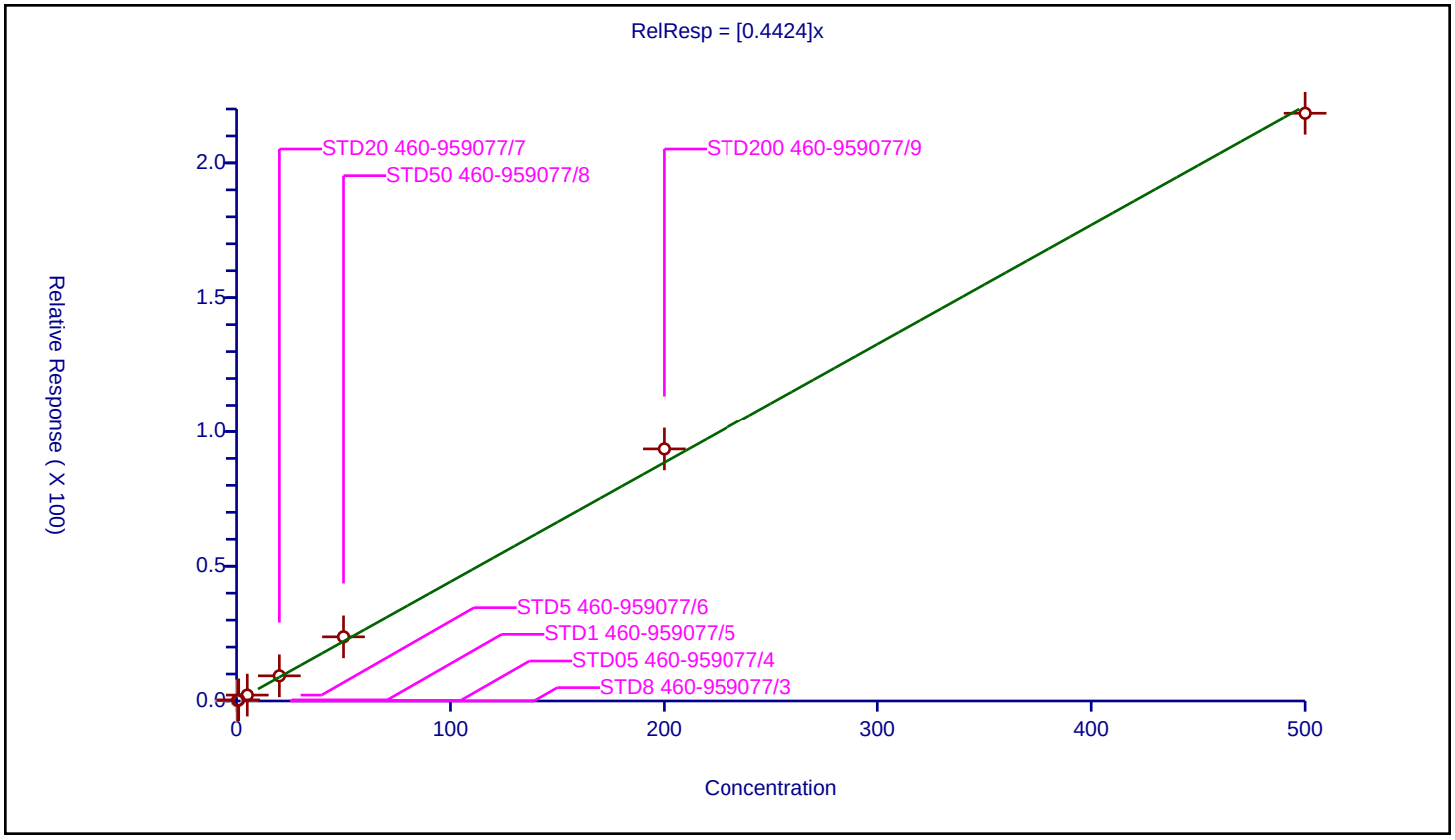
Curve Coefficients

Intercept:	0
Slope:	0.4424

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.20077	50.0	498830.0	0.40154	Y
3	STD1 460-959077/5	1.0	0.410462	50.0	486159.0	0.410462	Y
4	STD5 460-959077/6	5.0	2.18913	50.0	487454.0	0.437826	Y
5	STD20 460-959077/7	20.0	9.333932	50.0	504423.0	0.466697	Y
6	STD50 460-959077/8	50.0	23.795844	50.0	520759.0	0.475917	Y
7	STD200 460-959077/9	200.0	93.526899	50.0	559415.0	0.467634	Y
8	STD500 460-959077/10	500.0	218.430243	50.0	604482.0	0.43686	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

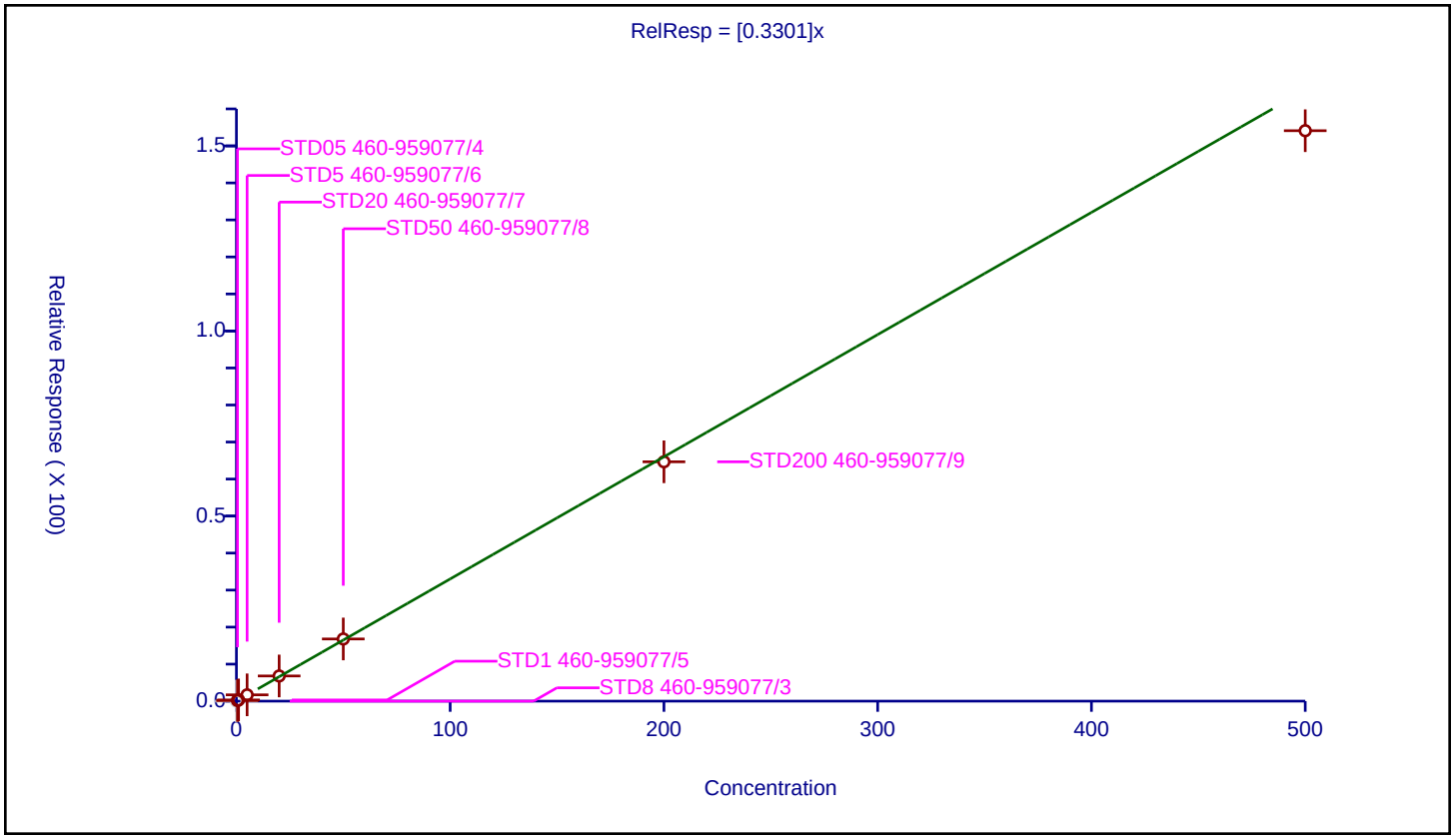
Curve Coefficients

Intercept:	0
Slope:	0.3301

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.170098	50.0	498830.0	0.340196	Y
3	STD1 460-959077/5	1.0	0.321603	50.0	486159.0	0.321603	Y
4	STD5 460-959077/6	5.0	1.705187	50.0	487454.0	0.341037	Y
5	STD20 460-959077/7	20.0	6.8053	50.0	504423.0	0.340265	Y
6	STD50 460-959077/8	50.0	16.795581	50.0	520759.0	0.335912	Y
7	STD200 460-959077/9	200.0	64.661119	50.0	559415.0	0.323306	Y
8	STD500 460-959077/10	500.0	154.106574	50.0	604482.0	0.308213	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

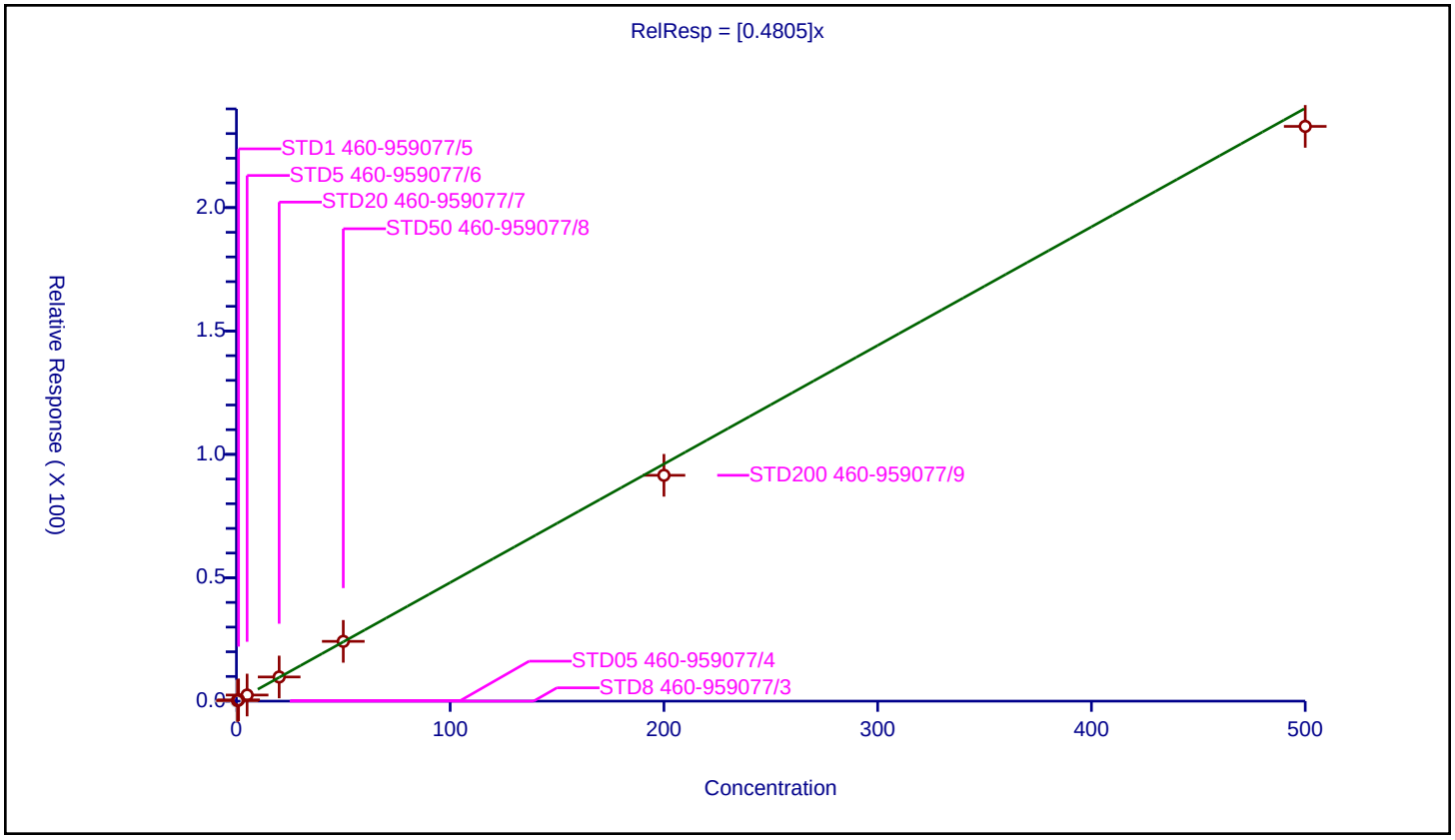
Curve Coefficients

Intercept:	0
Slope:	0.4805

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.228034	50.0	498830.0	0.456067	Y
3	STD1 460-959077/5	1.0	0.514955	50.0	486159.0	0.514955	Y
4	STD5 460-959077/6	5.0	2.4749	50.0	487454.0	0.49498	Y
5	STD20 460-959077/7	20.0	9.791584	50.0	504423.0	0.489579	Y
6	STD50 460-959077/8	50.0	24.225601	50.0	520759.0	0.484512	Y
7	STD200 460-959077/9	200.0	91.5215	50.0	559415.0	0.457608	Y
8	STD500 460-959077/10	500.0	232.909996	50.0	604482.0	0.46582	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

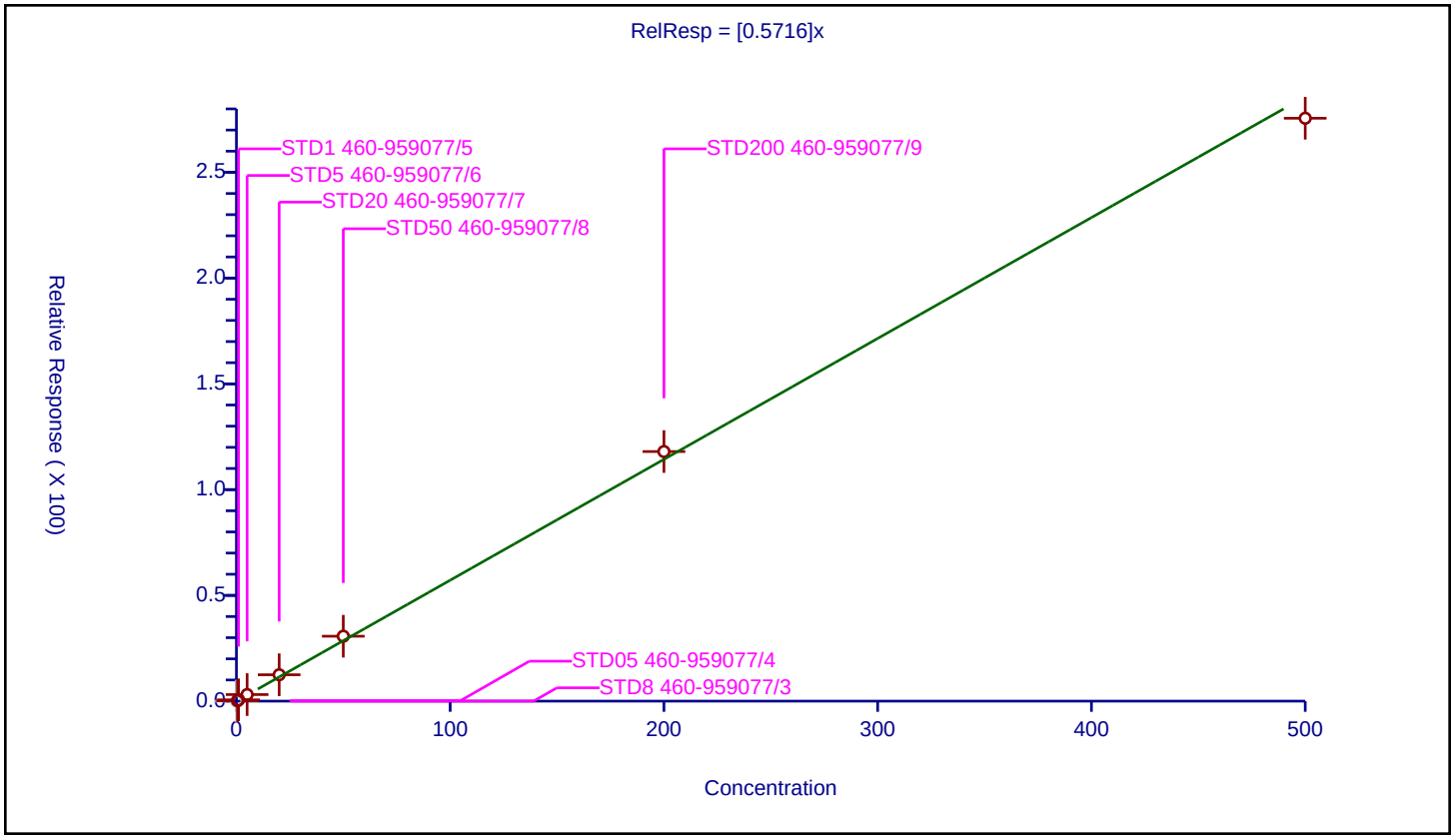
Curve Coefficients

Intercept:	0
Slope:	0.5716

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.197262	50.0	498830.0	0.394523	Y
3	STD1 460-959077/5	1.0	0.606797	50.0	486159.0	0.606797	Y
4	STD5 460-959077/6	5.0	3.105626	50.0	487454.0	0.621125	Y
5	STD20 460-959077/7	20.0	12.468107	50.0	504423.0	0.623405	Y
6	STD50 460-959077/8	50.0	30.697213	50.0	520759.0	0.613944	Y
7	STD200 460-959077/9	200.0	118.008277	50.0	559415.0	0.590041	Y
8	STD500 460-959077/10	500.0	275.581572	50.0	604482.0	0.551163	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

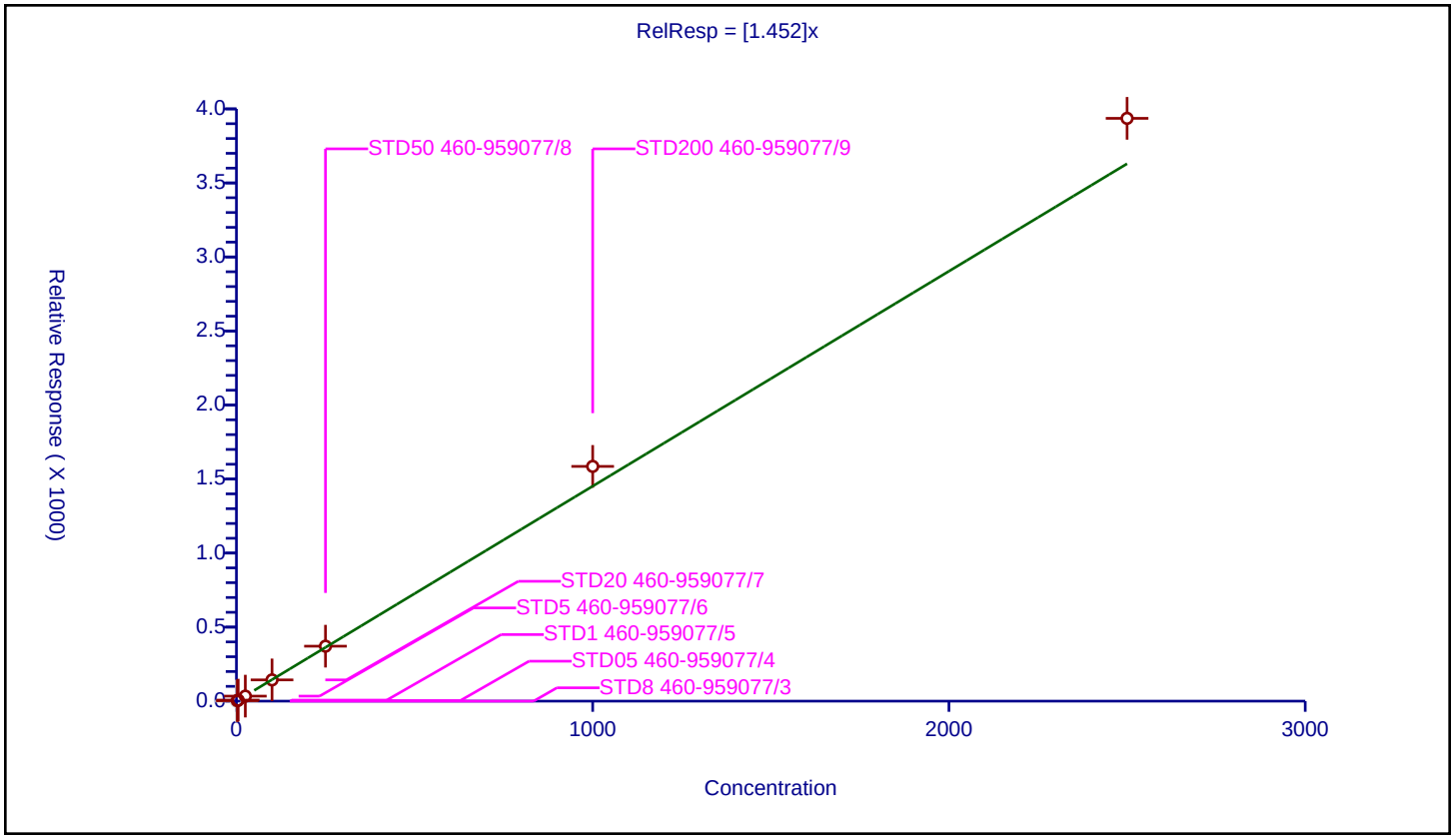
Curve Coefficients

Intercept:	0
Slope:	1.452

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	3.365035	250.0	343830.0	1.346014	Y
3	STD1 460-959077/5	5.0	6.915791	250.0	338573.0	1.383158	Y
4	STD5 460-959077/6	25.0	33.868702	250.0	335937.0	1.354748	Y
5	STD20 460-959077/7	100.0	143.454948	250.0	360784.0	1.434549	Y
6	STD50 460-959077/8	250.0	371.227704	250.0	351974.0	1.484911	Y
7	STD200 460-959077/9	1000.0	1585.351023	250.0	366343.0	1.585351	Y
8	STD500 460-959077/10	2500.0	3936.093208	250.0	348488.0	1.574437	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

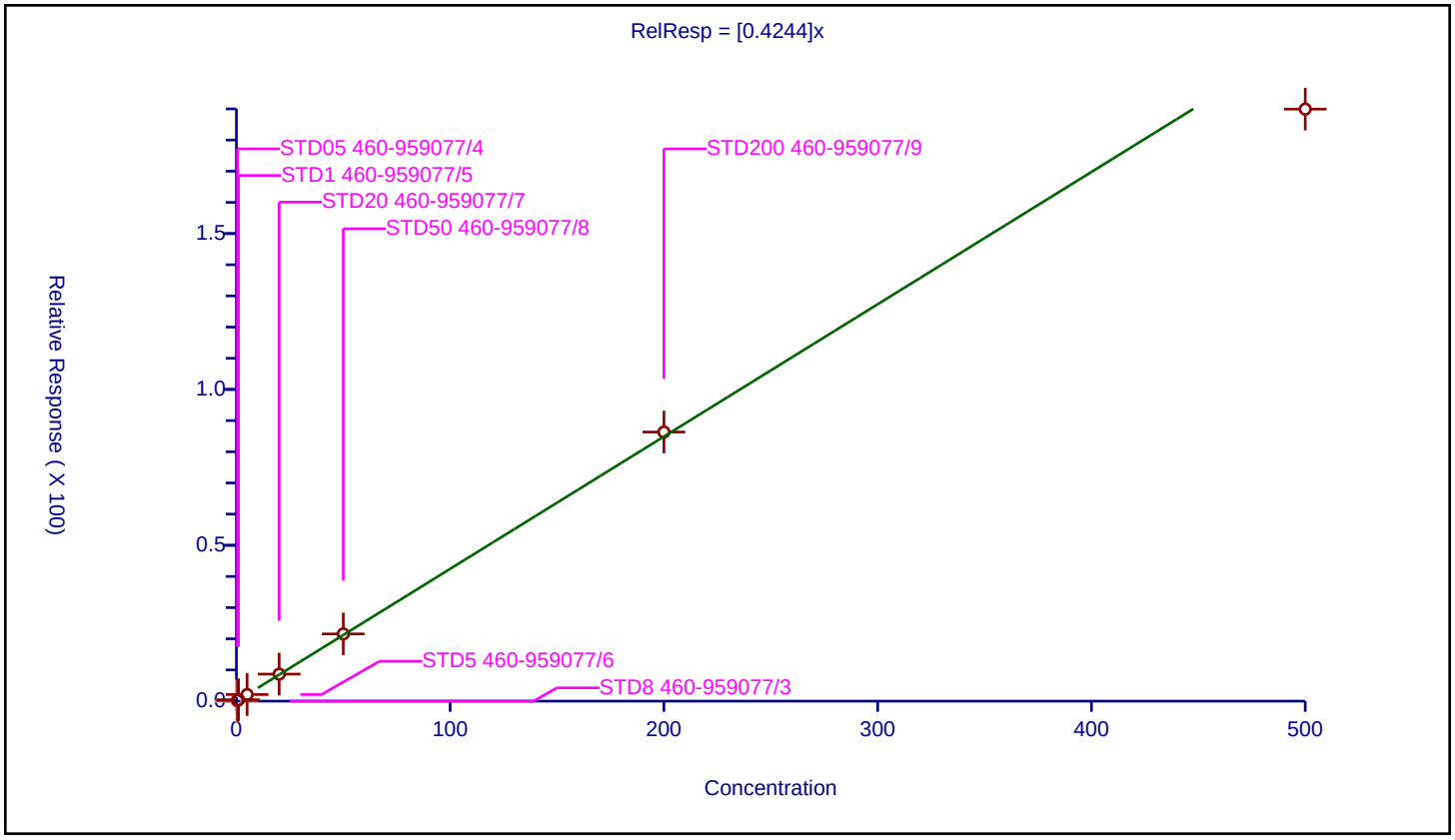
Curve Coefficients

Intercept:	0
Slope:	0.4244

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.213901	50.0	498830.0	0.427801	Y
3	STD1 460-959077/5	1.0	0.444196	50.0	486159.0	0.444196	Y
4	STD5 460-959077/6	5.0	2.113635	50.0	487454.0	0.422727	Y
5	STD20 460-959077/7	20.0	8.66941	50.0	504423.0	0.433471	Y
6	STD50 460-959077/8	50.0	21.56343	50.0	520759.0	0.431269	Y
7	STD200 460-959077/9	200.0	86.326252	50.0	559415.0	0.431631	Y
8	STD500 460-959077/10	500.0	189.922198	50.0	604482.0	0.379844	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

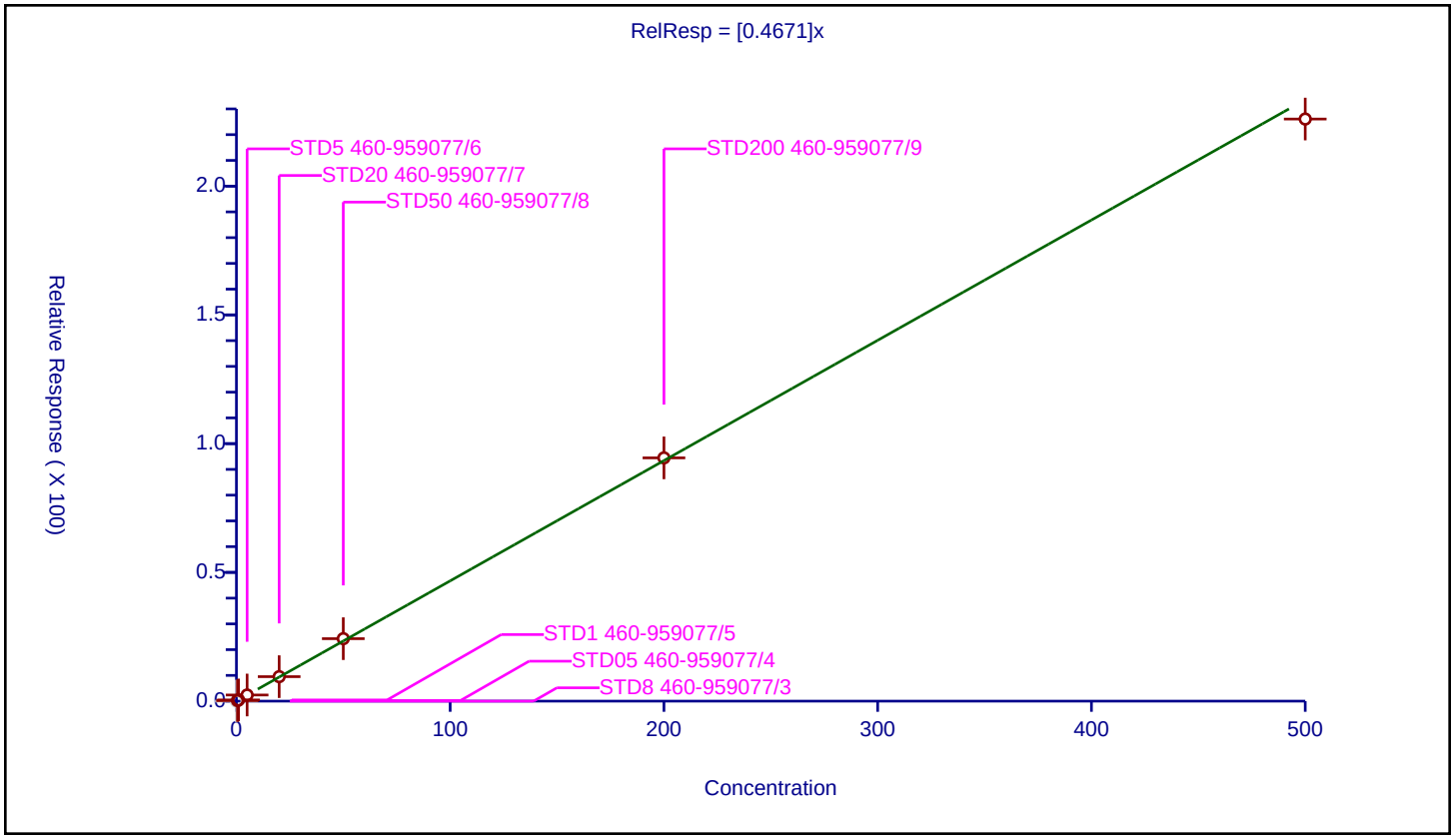
Curve Coefficients

Intercept:	0
Slope:	0.4671

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.225628	50.0	498830.0	0.451256	Y
3	STD1 460-959077/5	1.0	0.456949	50.0	486159.0	0.456949	Y
4	STD5 460-959077/6	5.0	2.382173	50.0	487454.0	0.476435	Y
5	STD20 460-959077/7	20.0	9.505613	50.0	504423.0	0.475281	Y
6	STD50 460-959077/8	50.0	24.264583	50.0	520759.0	0.485292	Y
7	STD200 460-959077/9	200.0	94.475032	50.0	559415.0	0.472375	Y
8	STD500 460-959077/10	500.0	226.058592	50.0	604482.0	0.452117	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

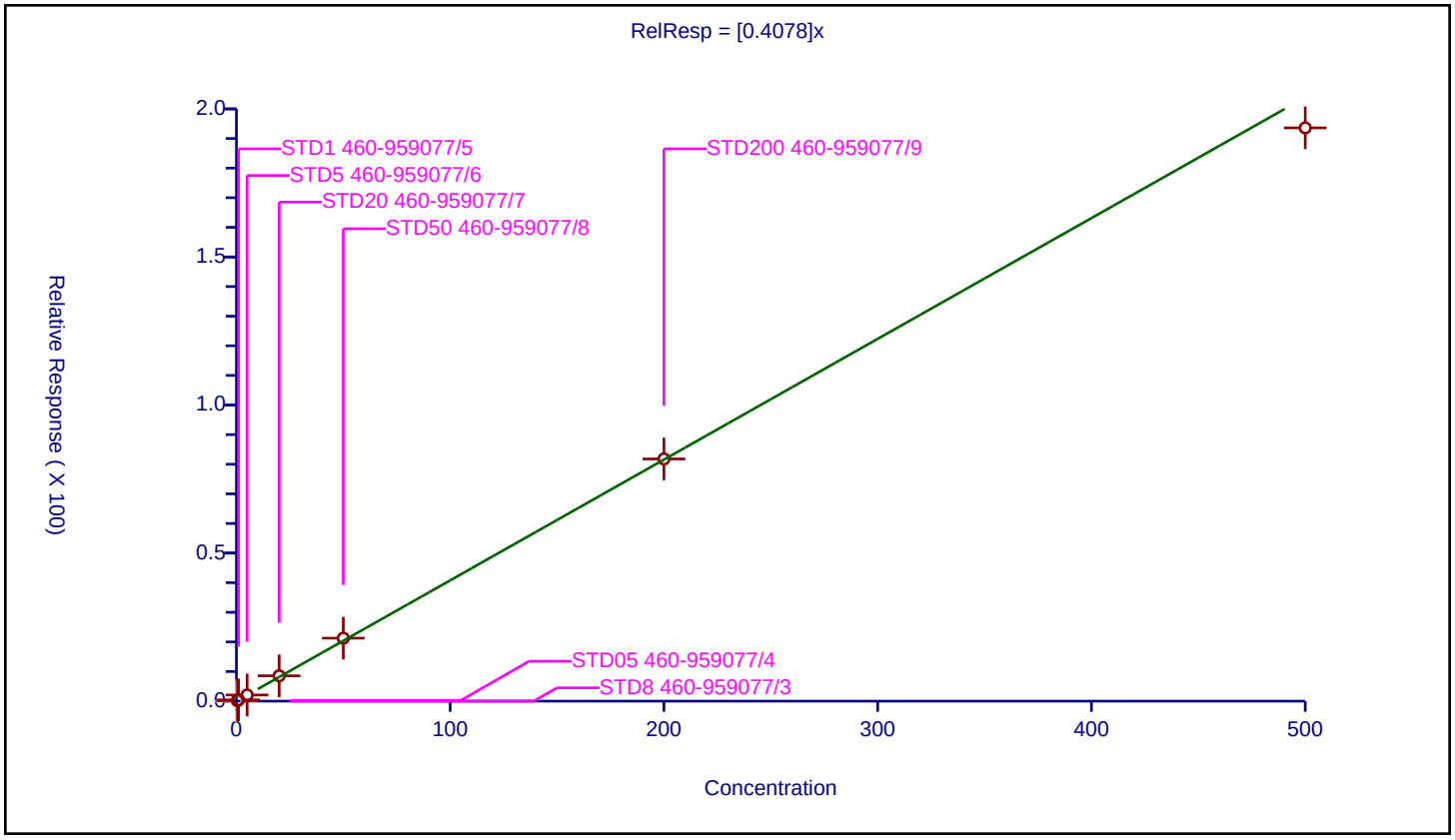
Curve Coefficients

Intercept:	0
Slope:	0.4078

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.183129	50.0	498830.0	0.366257	Y
3	STD1 460-959077/5	1.0	0.421981	50.0	486159.0	0.421981	Y
4	STD5 460-959077/6	5.0	2.084299	50.0	487454.0	0.41686	Y
5	STD20 460-959077/7	20.0	8.56097	50.0	504423.0	0.428048	Y
6	STD50 460-959077/8	50.0	21.263963	50.0	520759.0	0.425279	Y
7	STD200 460-959077/9	200.0	81.790978	50.0	559415.0	0.408955	Y
8	STD500 460-959077/10	500.0	193.58459	50.0	604482.0	0.387169	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

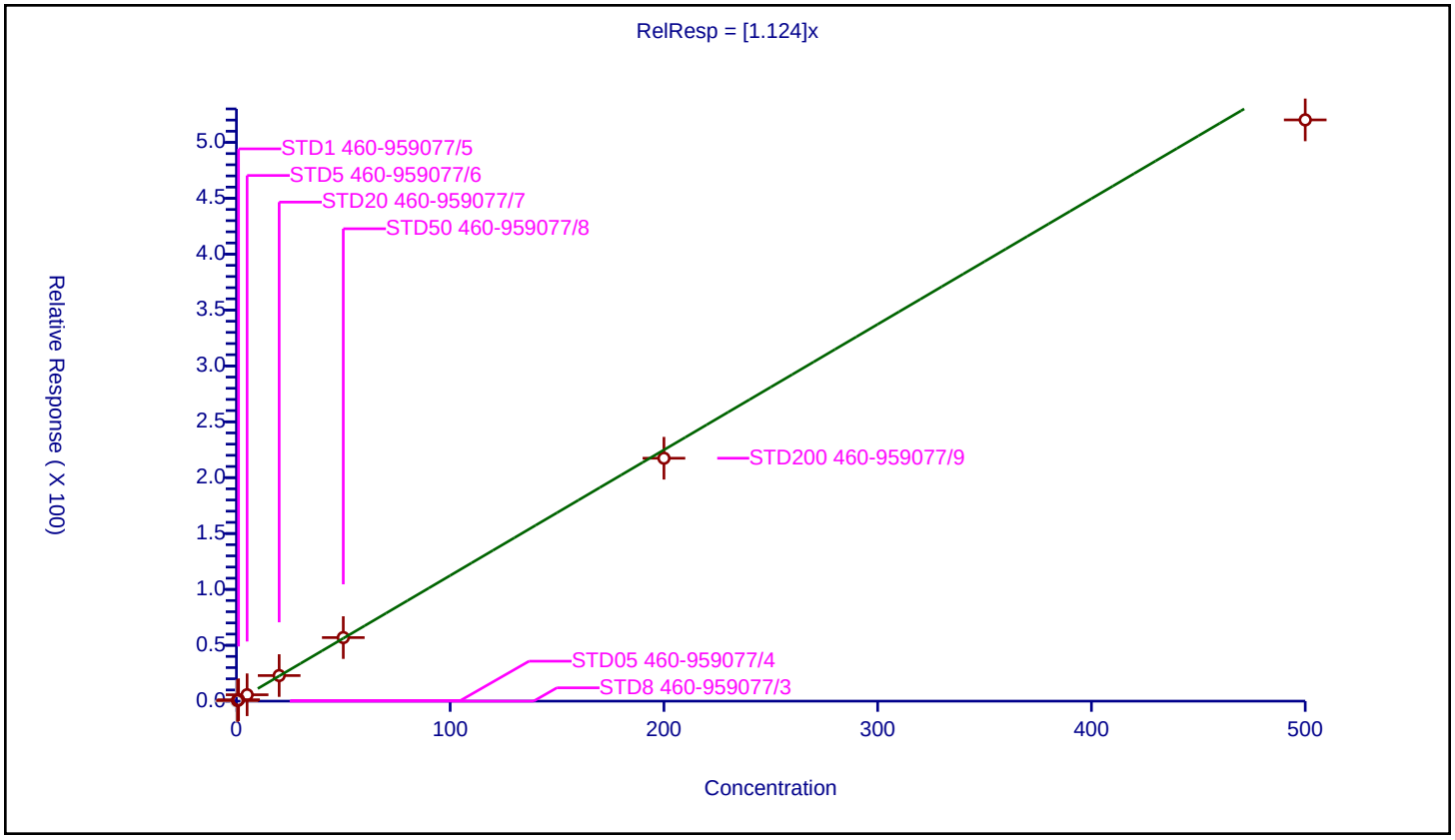
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.543271	50.0	498830.0	1.086543	Y
3	STD1 460-959077/5	1.0	1.229639	50.0	486159.0	1.229639	Y
4	STD5 460-959077/6	5.0	5.717668	50.0	487454.0	1.143534	Y
5	STD20 460-959077/7	20.0	22.89398	50.0	504423.0	1.144699	Y
6	STD50 460-959077/8	50.0	56.874773	50.0	520759.0	1.137495	Y
7	STD200 460-959077/9	200.0	217.388433	50.0	559415.0	1.086942	Y
8	STD500 460-959077/10	500.0	520.165117	50.0	604482.0	1.04033	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

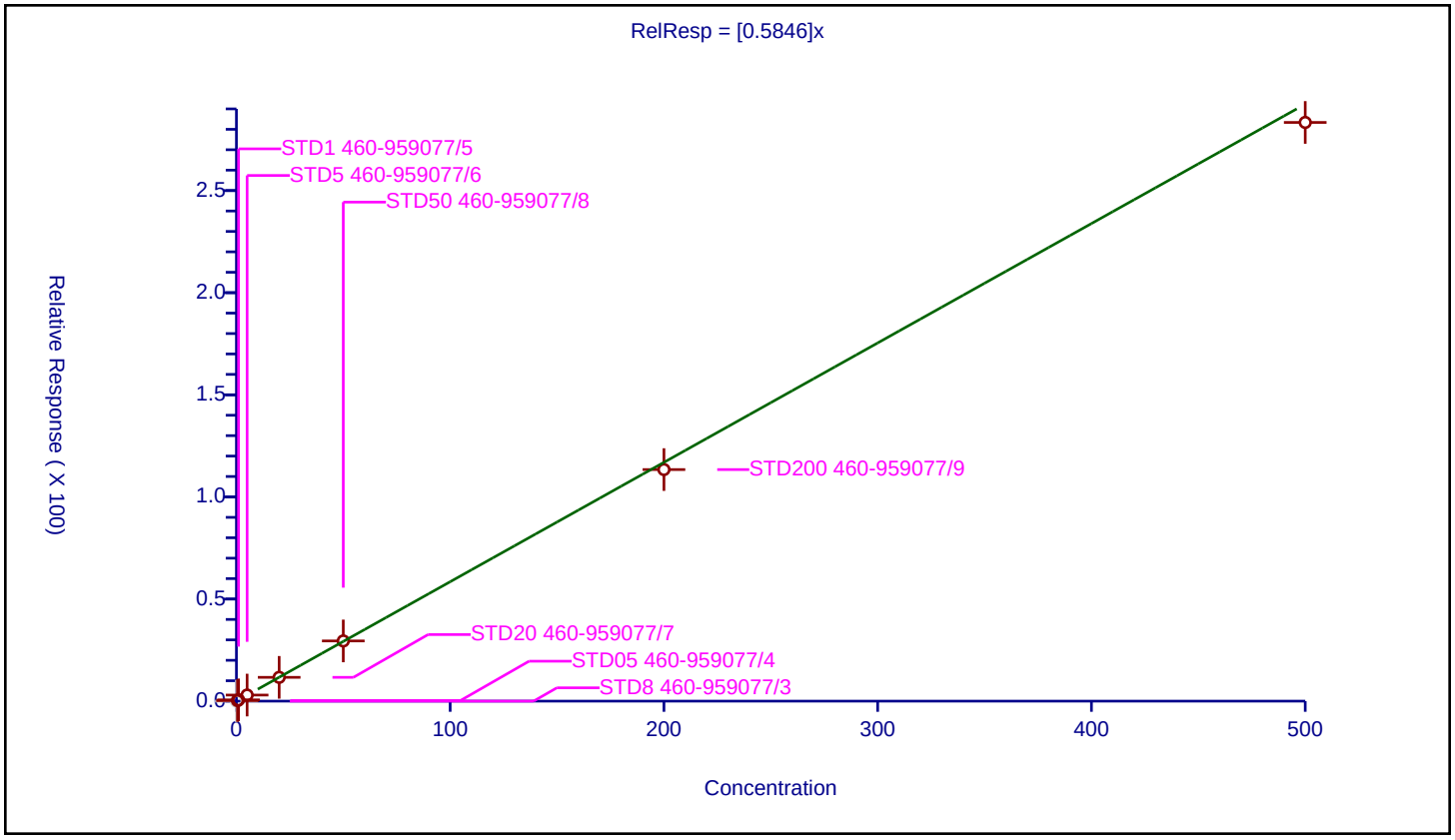
Curve Coefficients

Intercept:	0
Slope:	0.5846

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.285869	50.0	498830.0	0.571738	Y
3	STD1 460-959077/5	1.0	0.618625	50.0	486159.0	0.618625	Y
4	STD5 460-959077/6	5.0	2.982025	50.0	487454.0	0.596405	Y
5	STD20 460-959077/7	20.0	11.650638	50.0	504423.0	0.582532	Y
6	STD50 460-959077/8	50.0	29.476783	50.0	520759.0	0.589536	Y
7	STD200 460-959077/9	200.0	113.393545	50.0	559415.0	0.566968	Y
8	STD500 460-959077/10	500.0	283.36369	50.0	604482.0	0.566727	Y



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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

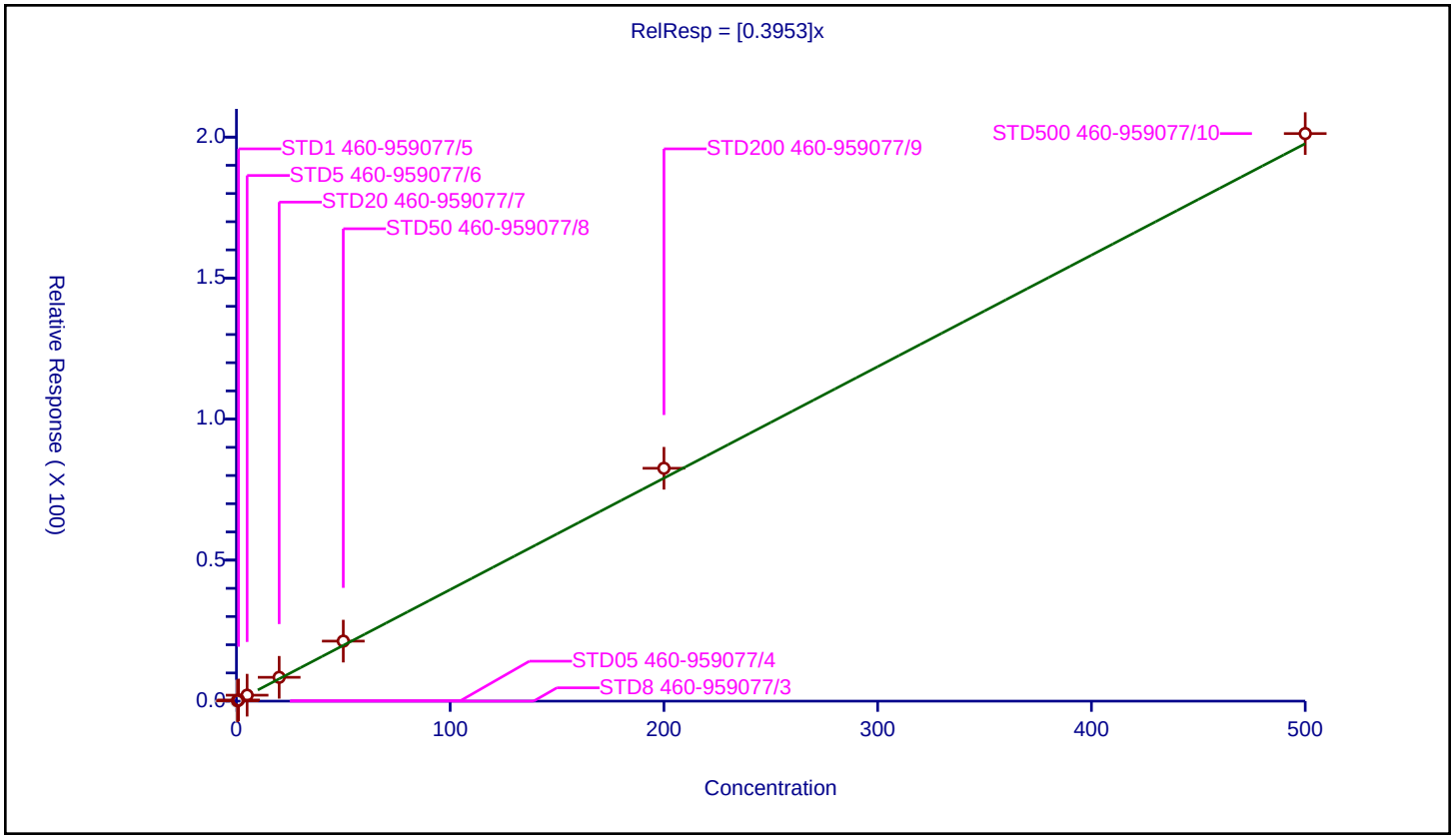
Curve Coefficients

Intercept:	0
Slope:	0.3953

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.139727	50.0	498830.0	0.279454	Y
3	STD1 460-959077/5	1.0	0.40316	50.0	486159.0	0.40316	Y
4	STD5 460-959077/6	5.0	2.107071	50.0	487454.0	0.421414	Y
5	STD20 460-959077/7	20.0	8.446582	50.0	504423.0	0.422329	Y
6	STD50 460-959077/8	50.0	21.286334	50.0	520759.0	0.425727	Y
7	STD200 460-959077/9	200.0	82.570542	50.0	559415.0	0.412853	Y
8	STD500 460-959077/10	500.0	201.246687	50.0	604482.0	0.402493	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

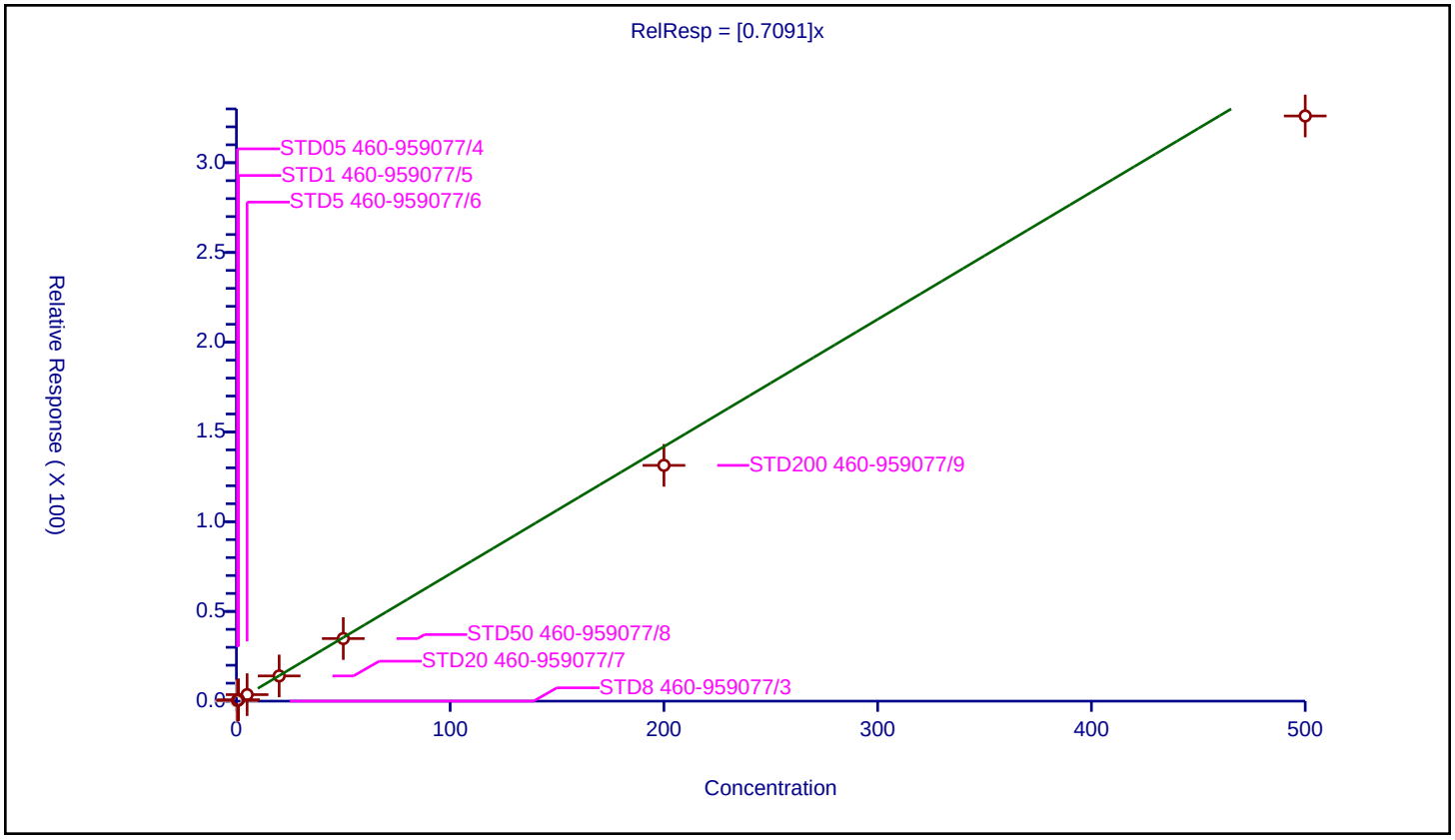
Curve Coefficients

Intercept:	0
Slope:	0.7091

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.386103	50.0	498830.0	0.772207	Y
3	STD1 460-959077/5	1.0	0.75716	50.0	486159.0	0.75716	Y
4	STD5 460-959077/6	5.0	3.628137	50.0	487454.0	0.725627	Y
5	STD20 460-959077/7	20.0	14.048229	50.0	504423.0	0.702411	Y
6	STD50 460-959077/8	50.0	34.872561	50.0	520759.0	0.697451	Y
7	STD200 460-959077/9	200.0	131.373488	50.0	559415.0	0.656867	Y
8	STD500 460-959077/10	500.0	326.0576	50.0	604482.0	0.652115	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

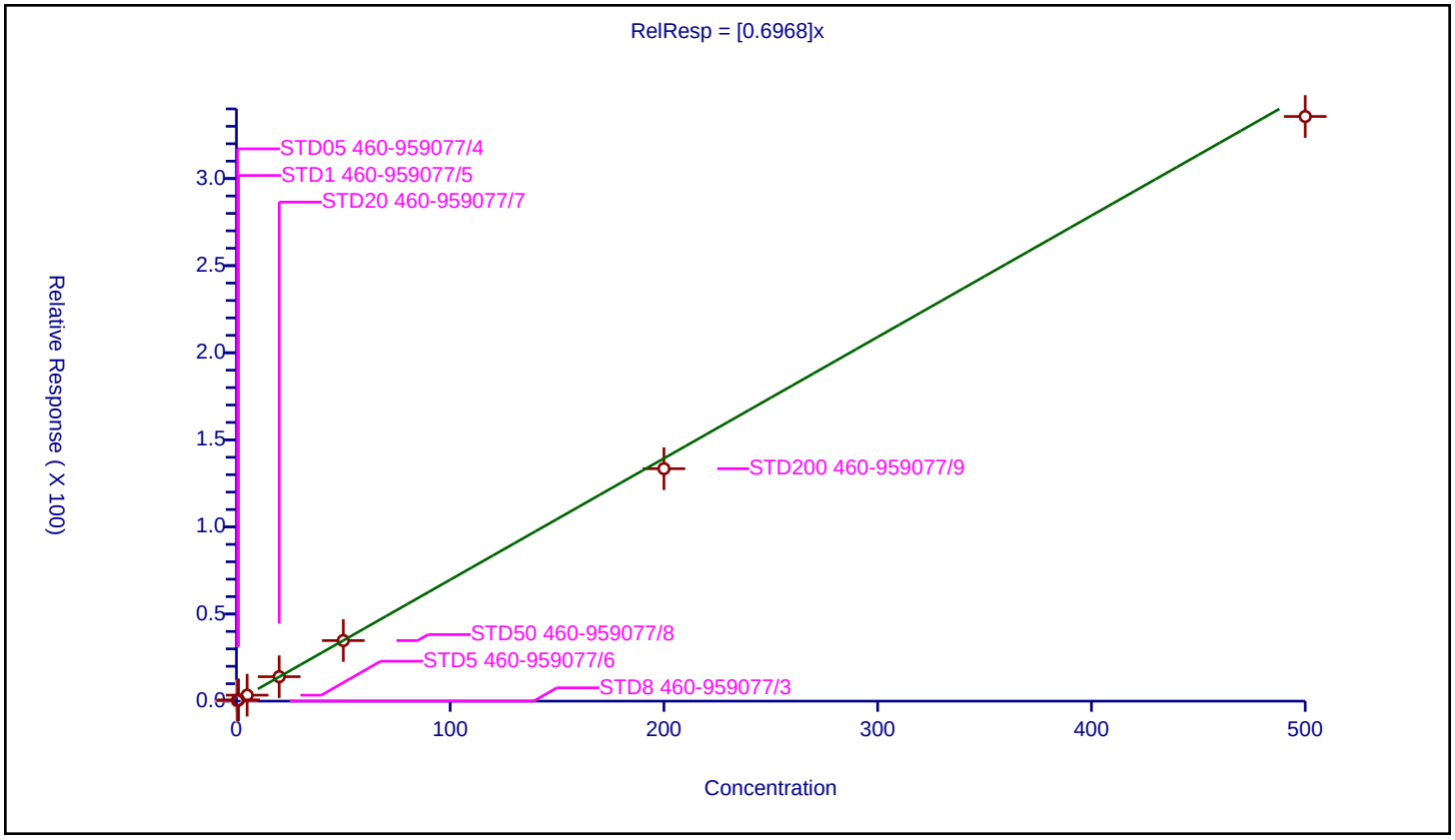
Curve Coefficients

Intercept:	0
Slope:	0.6968

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.354028	50.0	498830.0	0.708057	Y
3	STD1 460-959077/5	1.0	0.746361	50.0	486159.0	0.746361	Y
4	STD5 460-959077/6	5.0	3.438376	50.0	487454.0	0.687675	Y
5	STD20 460-959077/7	20.0	14.027711	50.0	504423.0	0.701386	Y
6	STD50 460-959077/8	50.0	34.783748	50.0	520759.0	0.695675	Y
7	STD200 460-959077/9	200.0	133.451463	50.0	559415.0	0.667257	Y
8	STD500 460-959077/10	500.0	335.644817	50.0	604482.0	0.67129	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

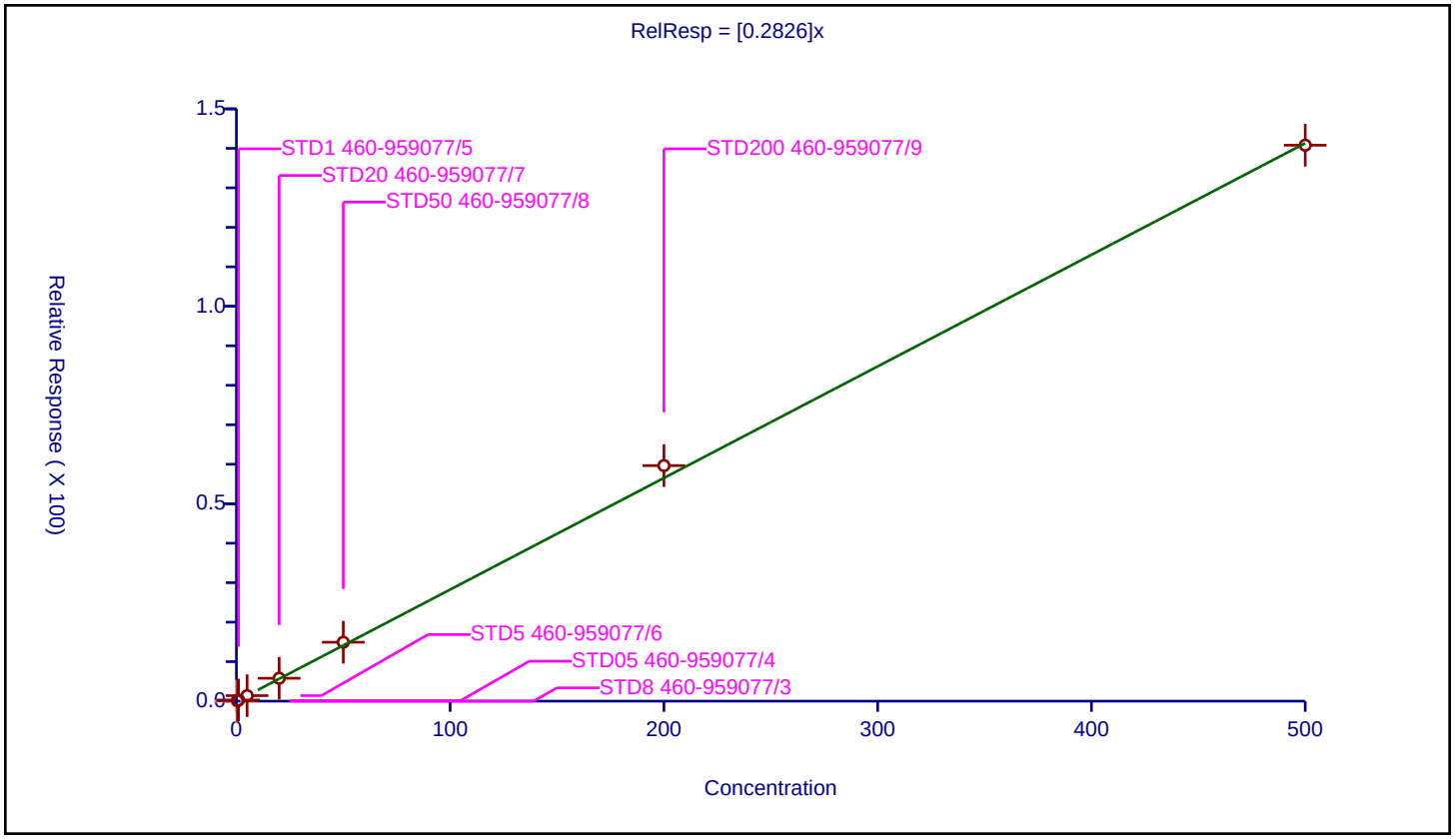
Curve Coefficients

Intercept:	0
Slope:	0.2826

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.121184	50.0	498830.0	0.242367	Y
3	STD1 460-959077/5	1.0	0.289	50.0	486159.0	0.289	Y
4	STD5 460-959077/6	5.0	1.392849	50.0	487454.0	0.27857	Y
5	STD20 460-959077/7	20.0	5.800588	50.0	504423.0	0.290029	Y
6	STD50 460-959077/8	50.0	14.917745	50.0	520759.0	0.298355	Y
7	STD200 460-959077/9	200.0	59.649545	50.0	559415.0	0.298248	Y
8	STD500 460-959077/10	500.0	140.80138	50.0	604482.0	0.281603	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

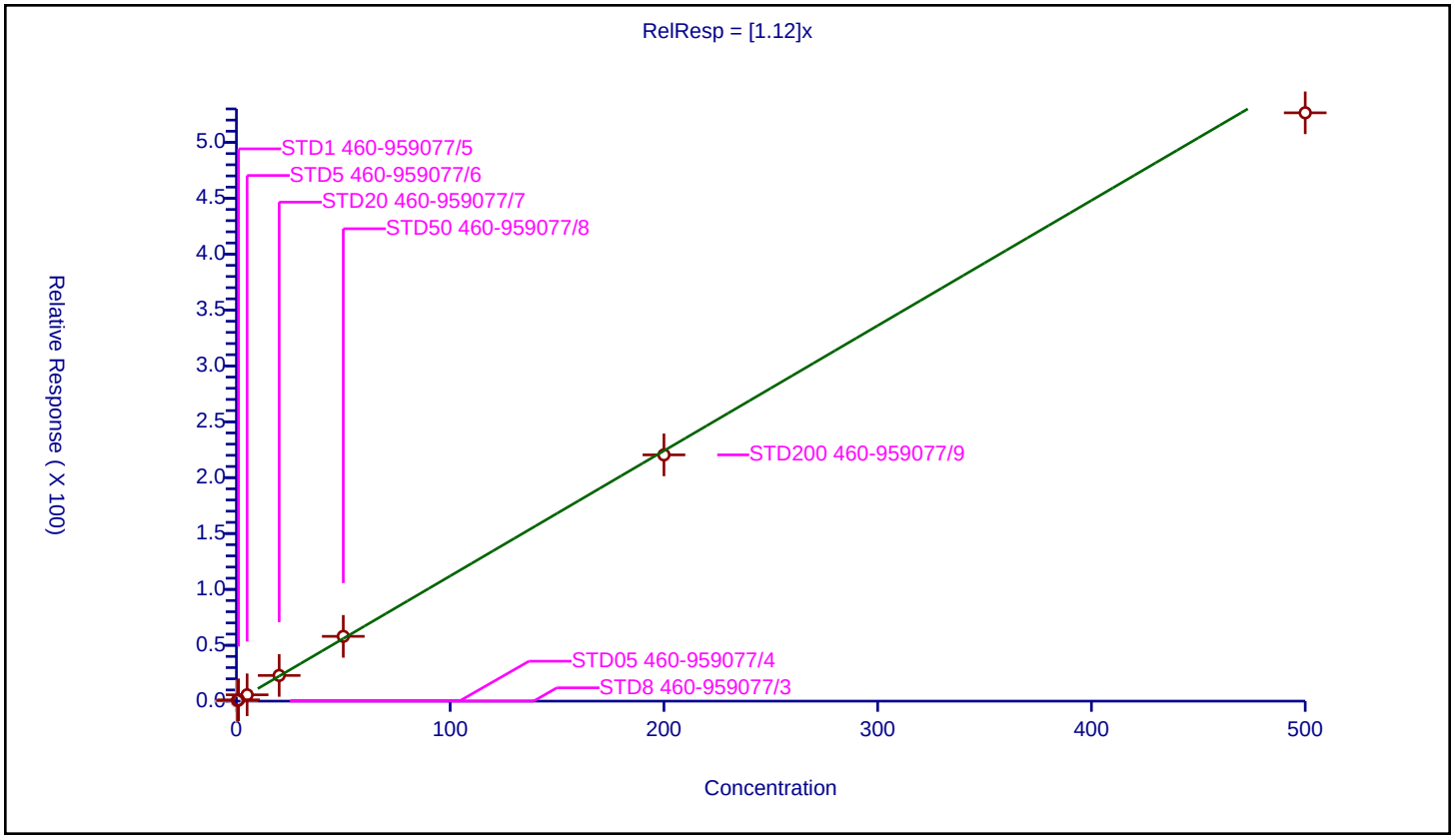
Curve Coefficients

Intercept:	0
Slope:	1.12

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.554898	50.0	498830.0	1.109797	Y
3	STD1 460-959077/5	1.0	1.136151	50.0	486159.0	1.136151	Y
4	STD5 460-959077/6	5.0	5.653662	50.0	487454.0	1.130732	Y
5	STD20 460-959077/7	20.0	22.999348	50.0	504423.0	1.149967	Y
6	STD50 460-959077/8	50.0	57.986516	50.0	520759.0	1.15973	Y
7	STD200 460-959077/9	200.0	220.37861	50.0	559415.0	1.101893	Y
8	STD500 460-959077/10	500.0	526.503271	50.0	604482.0	1.053007	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

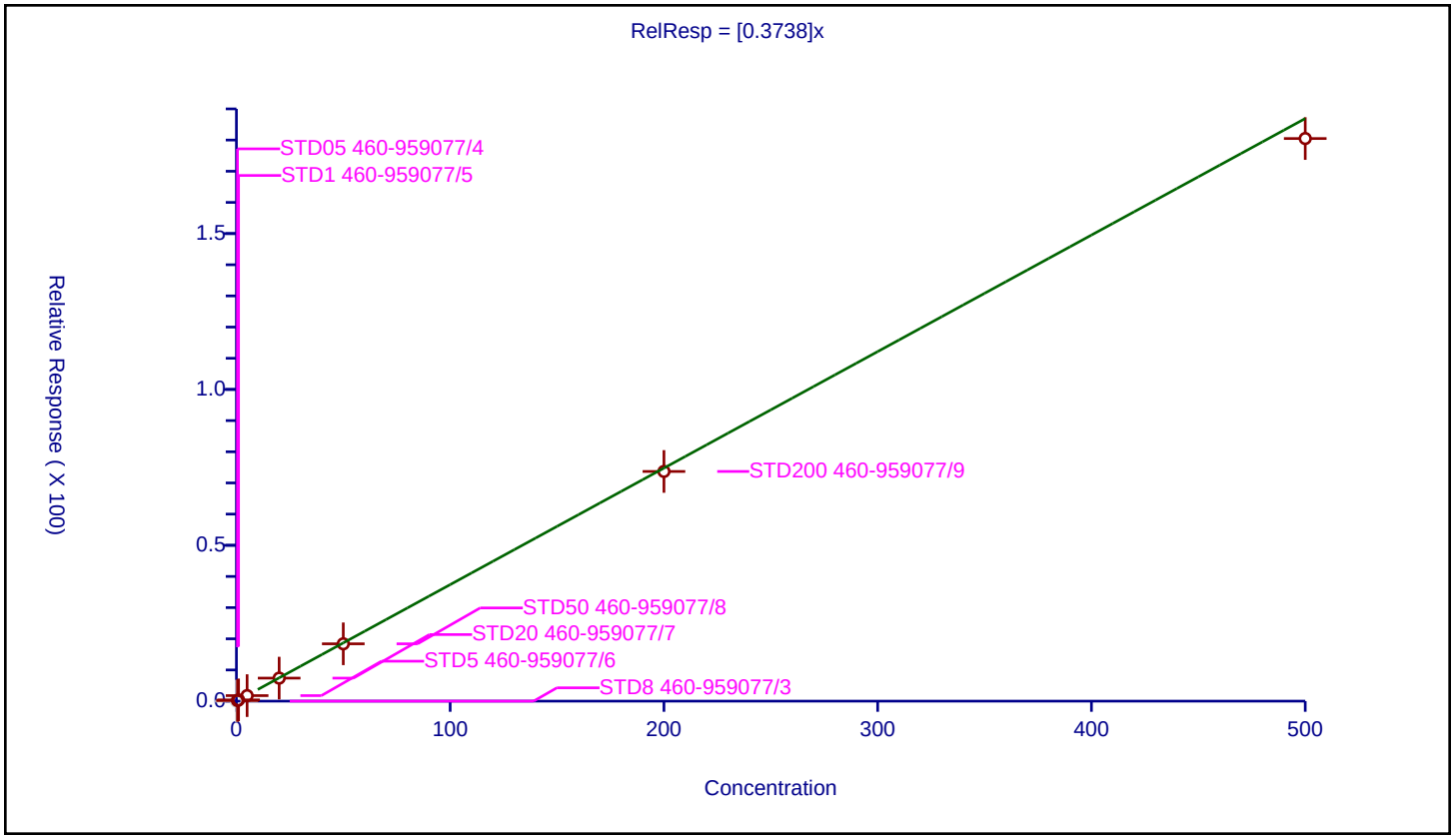
Curve Coefficients

Intercept:	0
Slope:	0.3738

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.20077	50.0	498830.0	0.40154	Y
3	STD1 460-959077/5	1.0	0.394007	50.0	486159.0	0.394007	Y
4	STD5 460-959077/6	5.0	1.77268	50.0	487454.0	0.354536	Y
5	STD20 460-959077/7	20.0	7.385567	50.0	504423.0	0.369278	Y
6	STD50 460-959077/8	50.0	18.392289	50.0	520759.0	0.367846	Y
7	STD200 460-959077/9	200.0	73.686351	50.0	559415.0	0.368432	Y
8	STD500 460-959077/10	500.0	180.494126	50.0	604482.0	0.360988	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

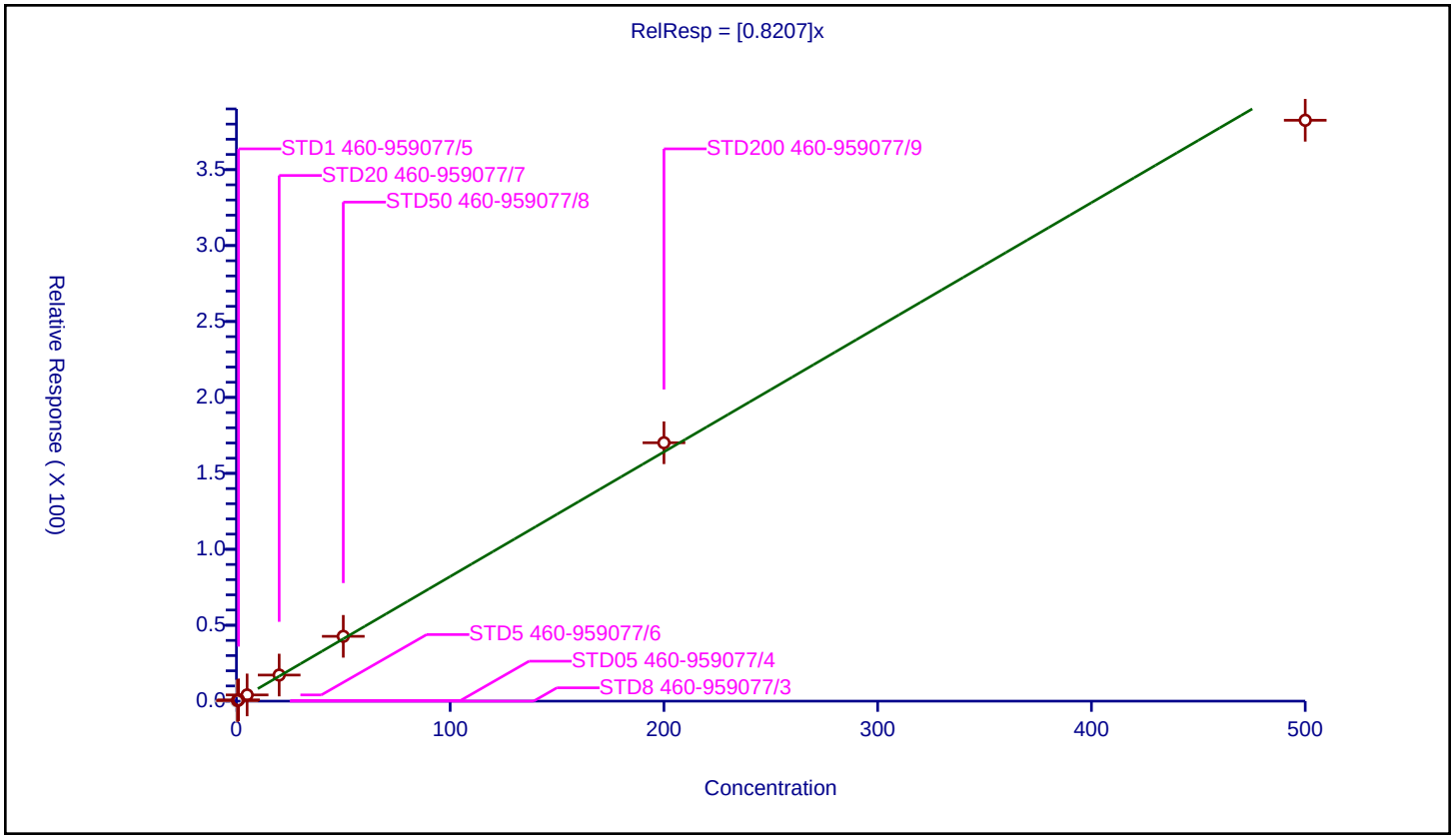
Curve Coefficients

Intercept:	0
Slope:	0.8207

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.385092	50.0	286295.0	0.770185	Y
3	STD1 460-959077/5	1.0	0.827156	50.0	279391.0	0.827156	Y
4	STD5 460-959077/6	5.0	4.093856	50.0	277831.0	0.818771	Y
5	STD20 460-959077/7	20.0	17.186094	50.0	283357.0	0.859305	Y
6	STD50 460-959077/8	50.0	42.671742	50.0	289912.0	0.853435	Y
7	STD200 460-959077/9	200.0	170.144038	50.0	299297.0	0.85072	Y
8	STD500 460-959077/10	500.0	382.510939	50.0	317204.0	0.765022	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

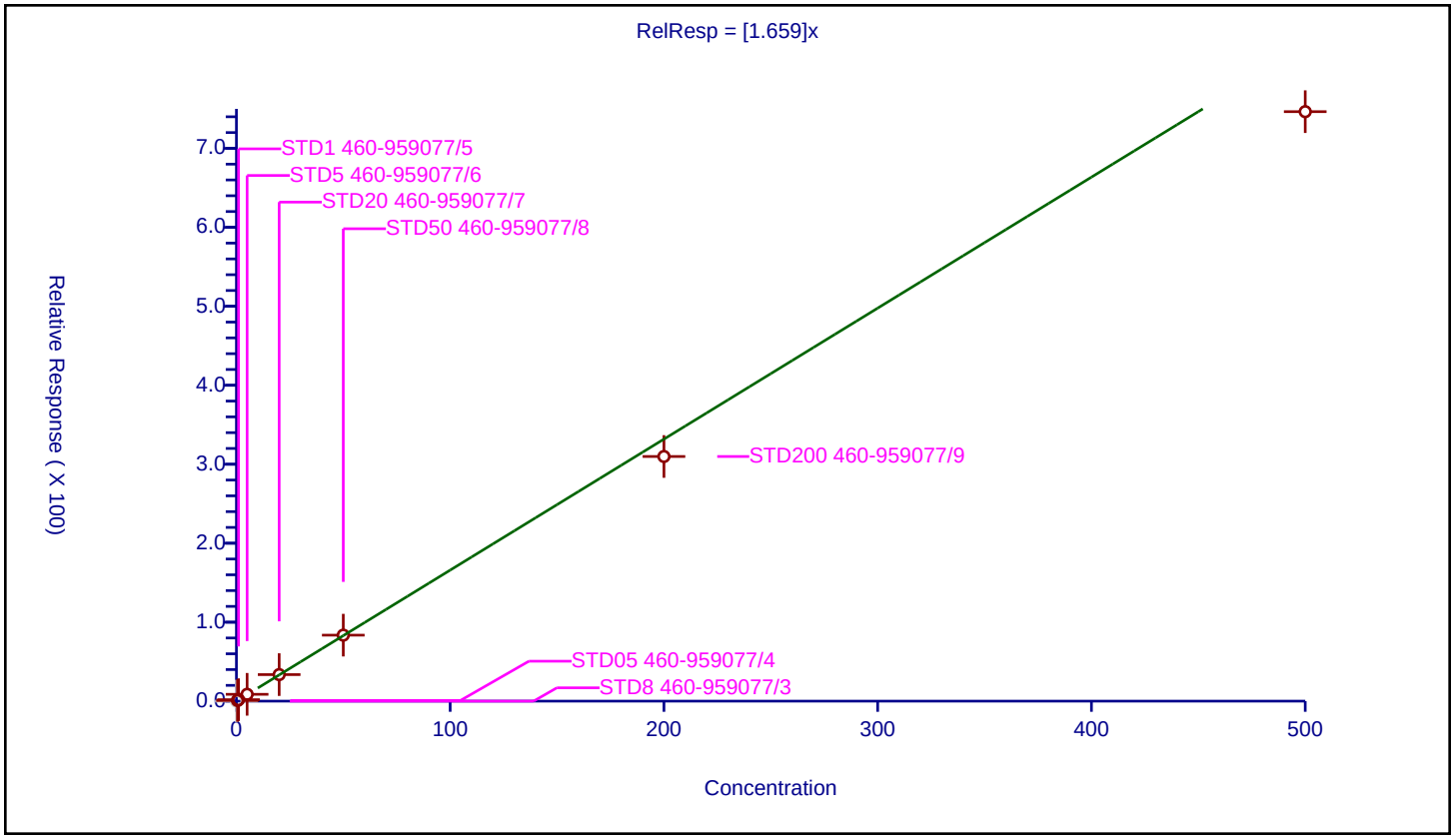
Curve Coefficients

Intercept:	0
Slope:	1.659

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.82914	50.0	498830.0	1.65828	Y
3	STD1 460-959077/5	1.0	1.829957	50.0	486159.0	1.829957	Y
4	STD5 460-959077/6	5.0	8.65415	50.0	487454.0	1.73083	Y
5	STD20 460-959077/7	20.0	33.605922	50.0	504423.0	1.680296	Y
6	STD50 460-959077/8	50.0	83.565911	50.0	520759.0	1.671318	Y
7	STD200 460-959077/9	200.0	309.808729	50.0	559415.0	1.549044	Y
8	STD500 460-959077/10	500.0	746.486248	50.0	604482.0	1.492972	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

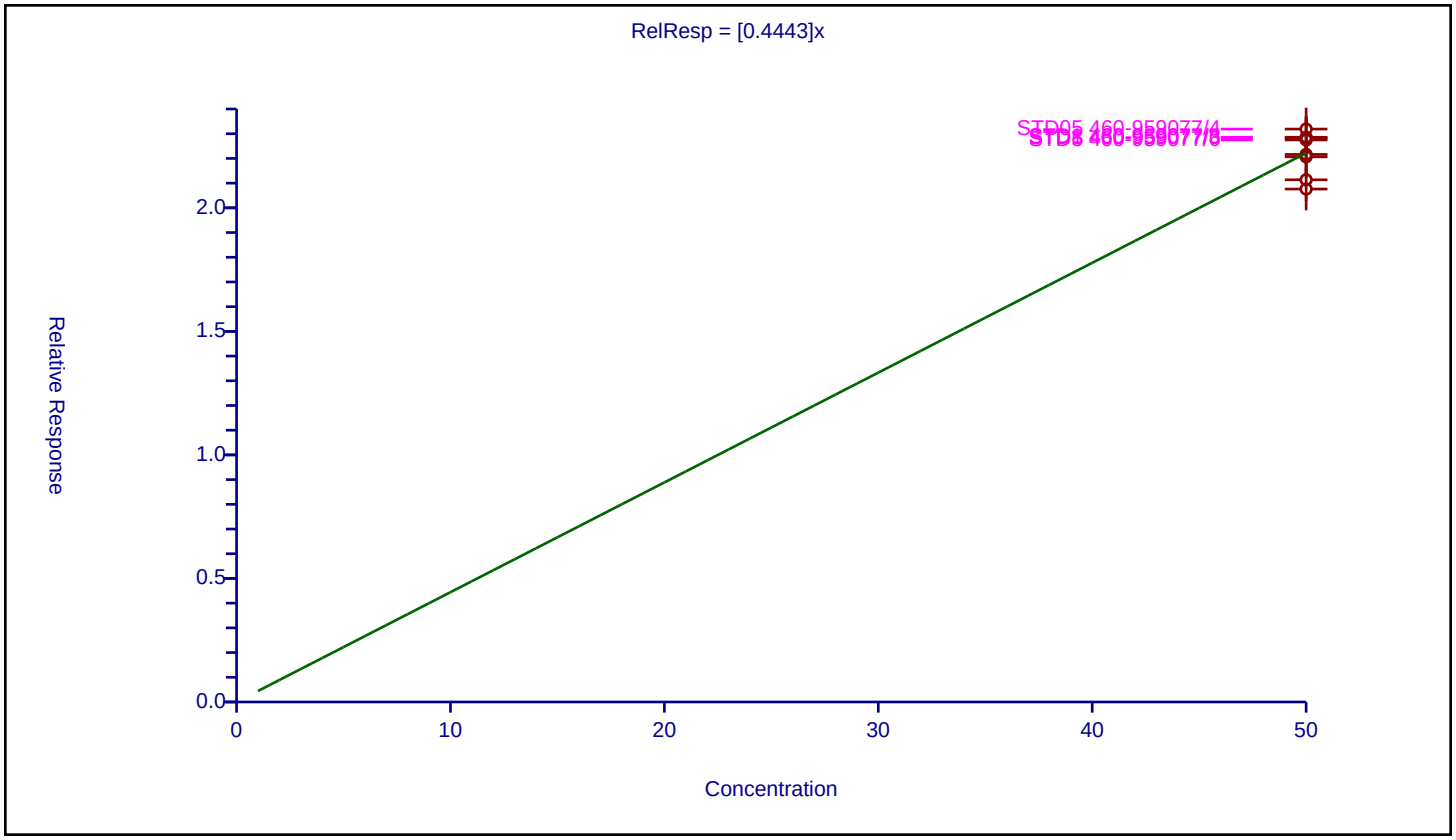
Curve Coefficients

Intercept:	0
Slope:	0.4443

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	22.819545	50.0	509412.0	0.456391	Y
2	STD05 460-959077/4	50.0	23.18796	50.0	498830.0	0.463759	Y
3	STD1 460-959077/5	50.0	22.856925	50.0	486159.0	0.457139	Y
4	STD5 460-959077/6	50.0	22.748095	50.0	487454.0	0.454962	Y
5	STD20 460-959077/7	50.0	22.064716	50.0	504423.0	0.441294	Y
6	STD50 460-959077/8	50.0	22.161691	50.0	520759.0	0.443234	Y
7	STD200 460-959077/9	50.0	21.135651	50.0	559415.0	0.422713	Y
8	STD500 460-959077/10	50.0	20.761081	50.0	604482.0	0.415222	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

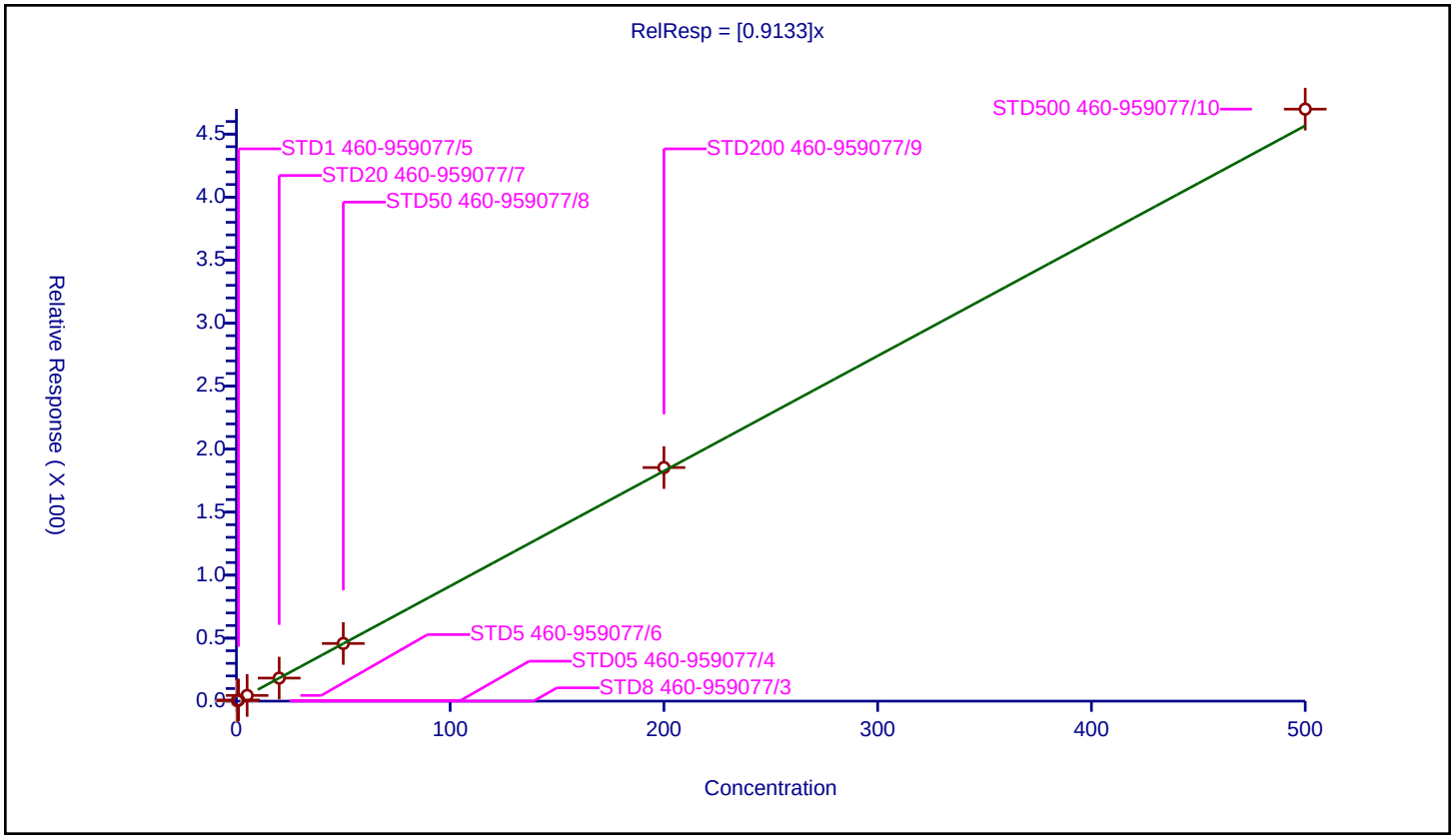
Curve Coefficients

Intercept:	0
Slope:	0.9133

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.436089	50.0	286295.0	0.872177	Y
3	STD1 460-959077/5	1.0	0.916279	50.0	279391.0	0.916279	Y
4	STD5 460-959077/6	5.0	4.53999	50.0	277831.0	0.907998	Y
5	STD20 460-959077/7	20.0	18.288943	50.0	283357.0	0.914447	Y
6	STD50 460-959077/8	50.0	45.770613	50.0	289912.0	0.915412	Y
7	STD200 460-959077/9	200.0	185.382246	50.0	299297.0	0.926911	Y
8	STD500 460-959077/10	500.0	469.818949	50.0	317204.0	0.939638	Y



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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

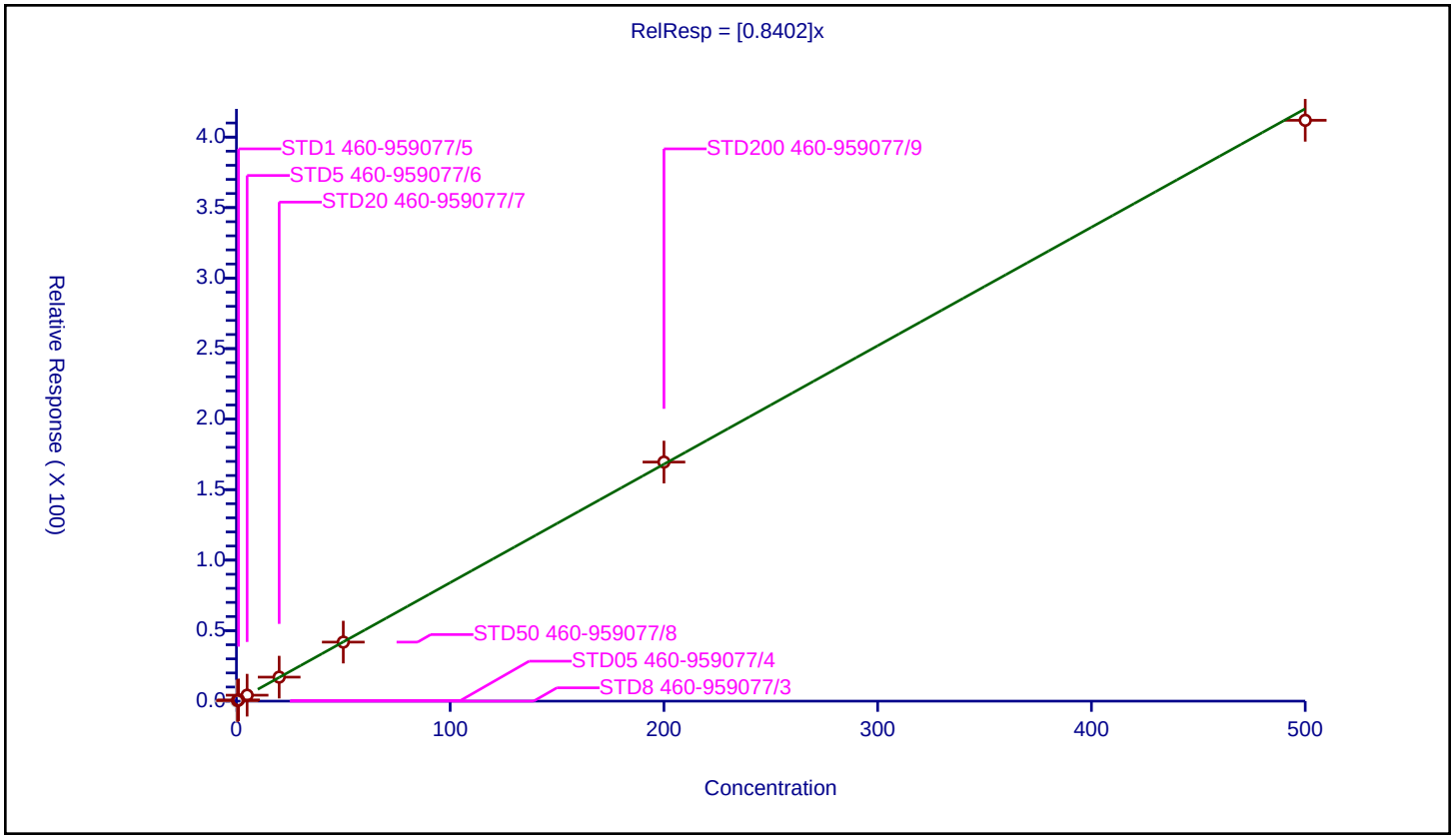
Curve Coefficients

Intercept:	0
Slope:	0.8402

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.405002	50.0	286295.0	0.810004	Y
3	STD1 460-959077/5	1.0	0.865991	50.0	279391.0	0.865991	Y
4	STD5 460-959077/6	5.0	4.22505	50.0	277831.0	0.84501	Y
5	STD20 460-959077/7	20.0	17.027813	50.0	283357.0	0.851391	Y
6	STD50 460-959077/8	50.0	41.868912	50.0	289912.0	0.837378	Y
7	STD200 460-959077/9	200.0	169.543965	50.0	299297.0	0.84772	Y
8	STD500 460-959077/10	500.0	411.907952	50.0	317204.0	0.823816	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

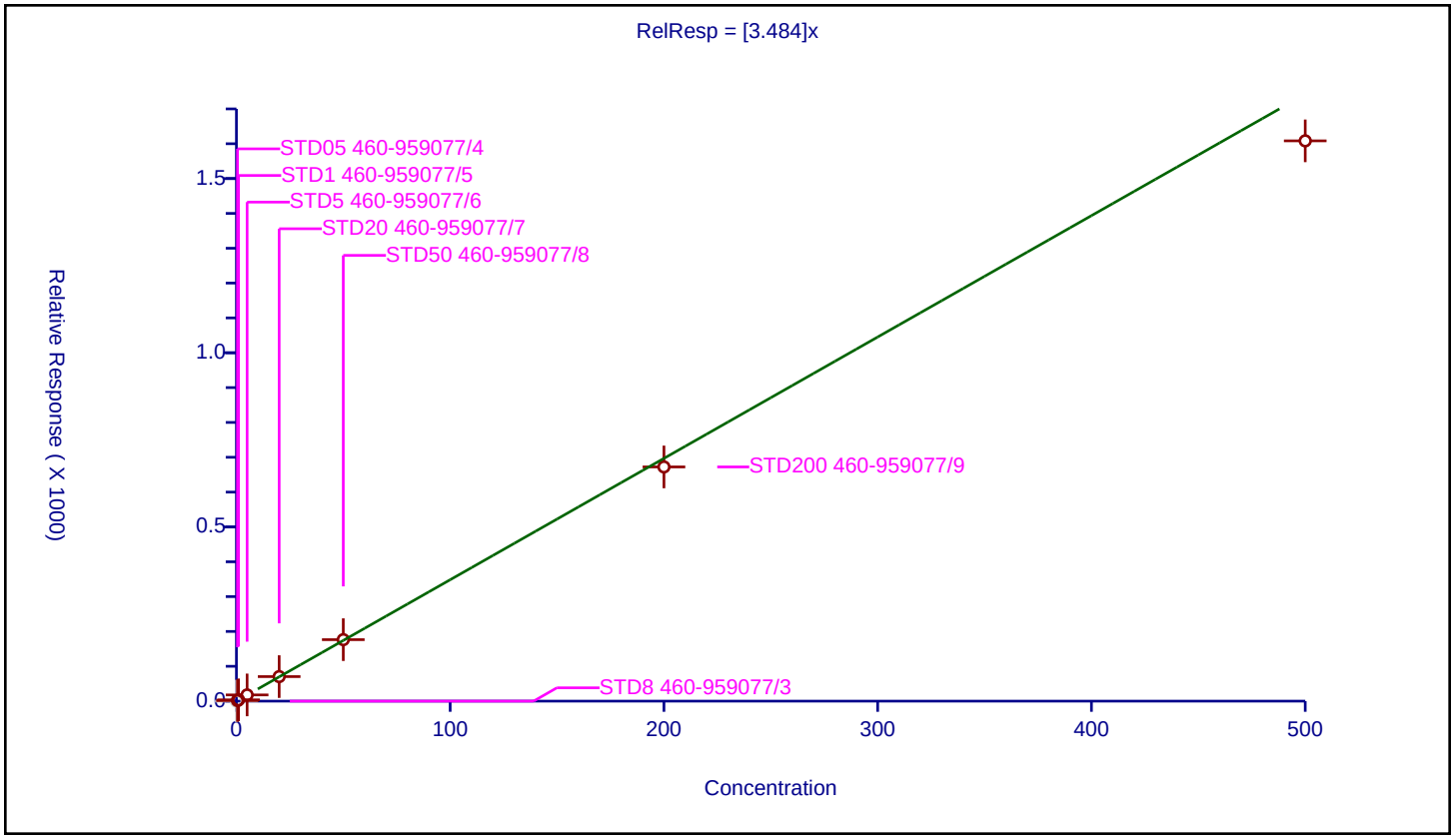
Curve Coefficients

Intercept:	0
Slope:	3.484

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.754659	50.0	286295.0	3.509317	Y
3	STD1 460-959077/5	1.0	3.67442	50.0	279391.0	3.67442	Y
4	STD5 460-959077/6	5.0	17.880474	50.0	277831.0	3.576095	Y
5	STD20 460-959077/7	20.0	70.411354	50.0	283357.0	3.520568	Y
6	STD50 460-959077/8	50.0	176.500283	50.0	289912.0	3.530006	Y
7	STD200 460-959077/9	200.0	672.289398	50.0	299297.0	3.361447	Y
8	STD500 460-959077/10	500.0	1608.23634	50.0	317204.0	3.216473	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

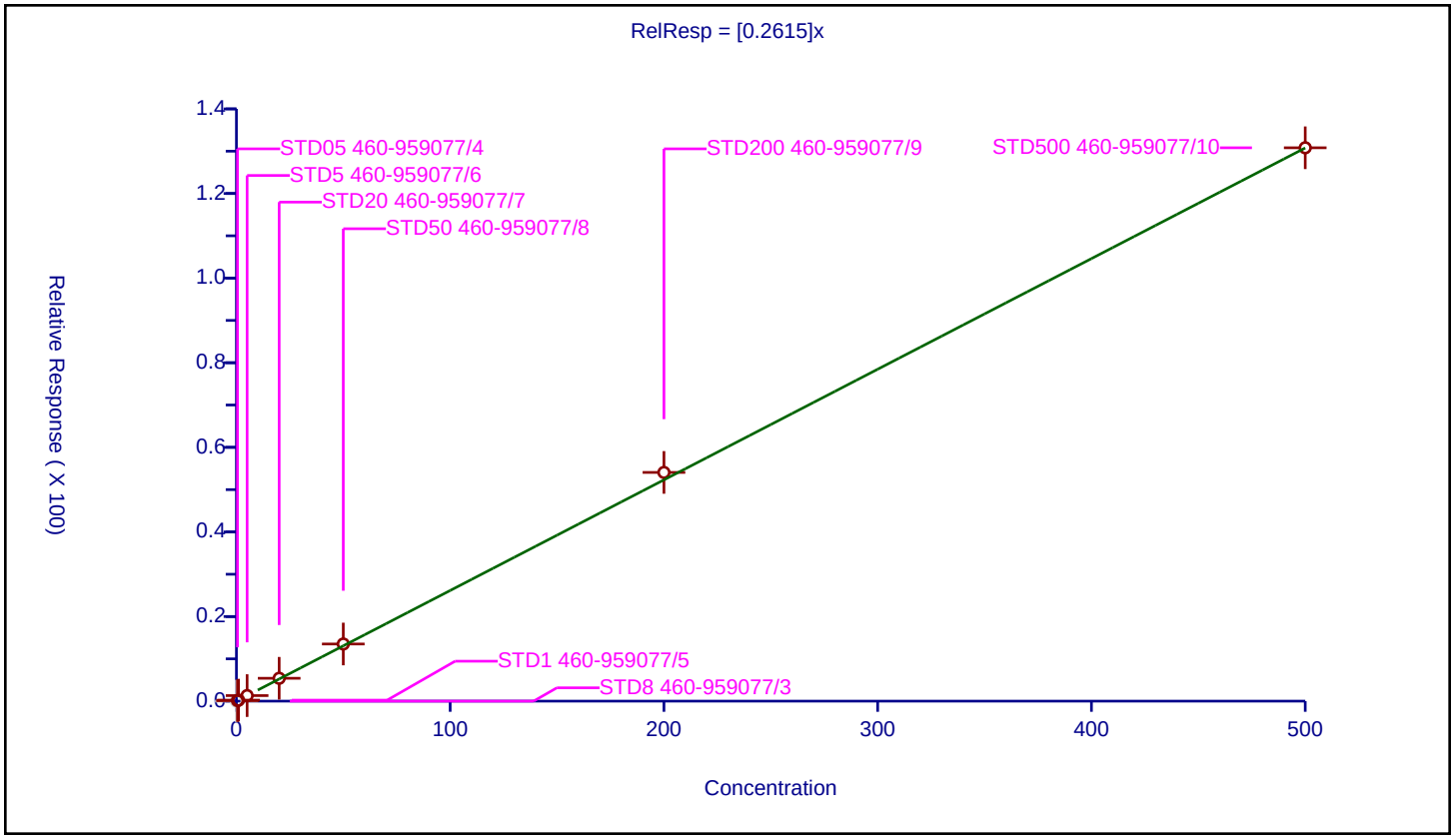
Curve Coefficients

Intercept:	0
Slope:	0.2615

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.131508	50.0	286295.0	0.263015	Y
3	STD1 460-959077/5	1.0	0.233186	50.0	279391.0	0.233186	Y
4	STD5 460-959077/6	5.0	1.311409	50.0	277831.0	0.262282	Y
5	STD20 460-959077/7	20.0	5.403078	50.0	283357.0	0.270154	Y
6	STD50 460-959077/8	50.0	13.506167	50.0	289912.0	0.270123	Y
7	STD200 460-959077/9	200.0	54.064525	50.0	299297.0	0.270323	Y
8	STD500 460-959077/10	500.0	130.808565	50.0	317204.0	0.261617	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

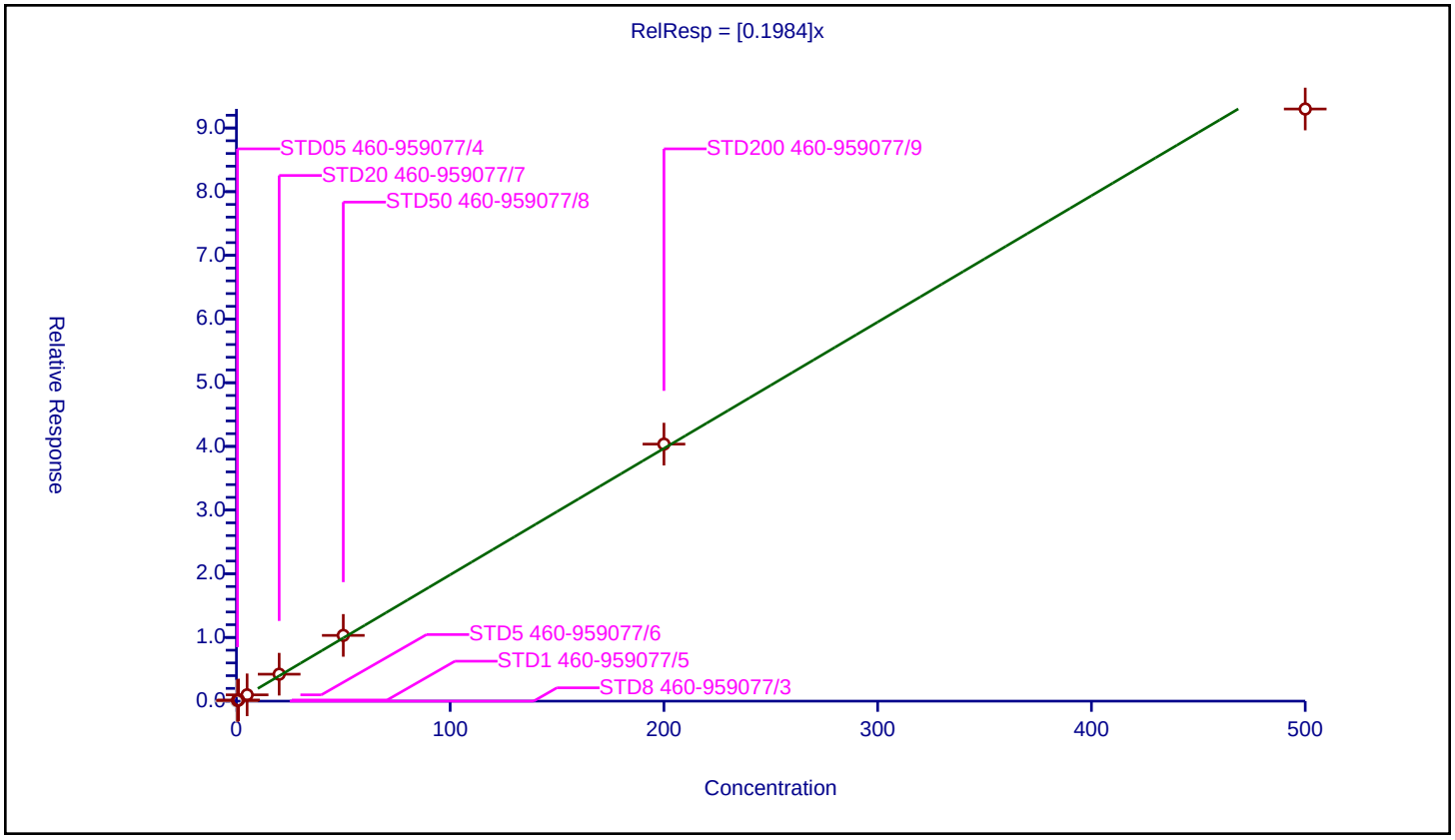
Curve Coefficients

Intercept:	0
Slope:	0.1984

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.103565	50.0	286295.0	0.207129	Y
3	STD1 460-959077/5	1.0	0.178066	50.0	279391.0	0.178066	Y
4	STD5 460-959077/6	5.0	0.98963	50.0	277831.0	0.197926	Y
5	STD20 460-959077/7	20.0	4.232117	50.0	283357.0	0.211606	Y
6	STD50 460-959077/8	50.0	10.322615	50.0	289912.0	0.206452	Y
7	STD200 460-959077/9	200.0	40.362082	50.0	299297.0	0.20181	Y
8	STD500 460-959077/10	500.0	92.981961	50.0	317204.0	0.185964	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

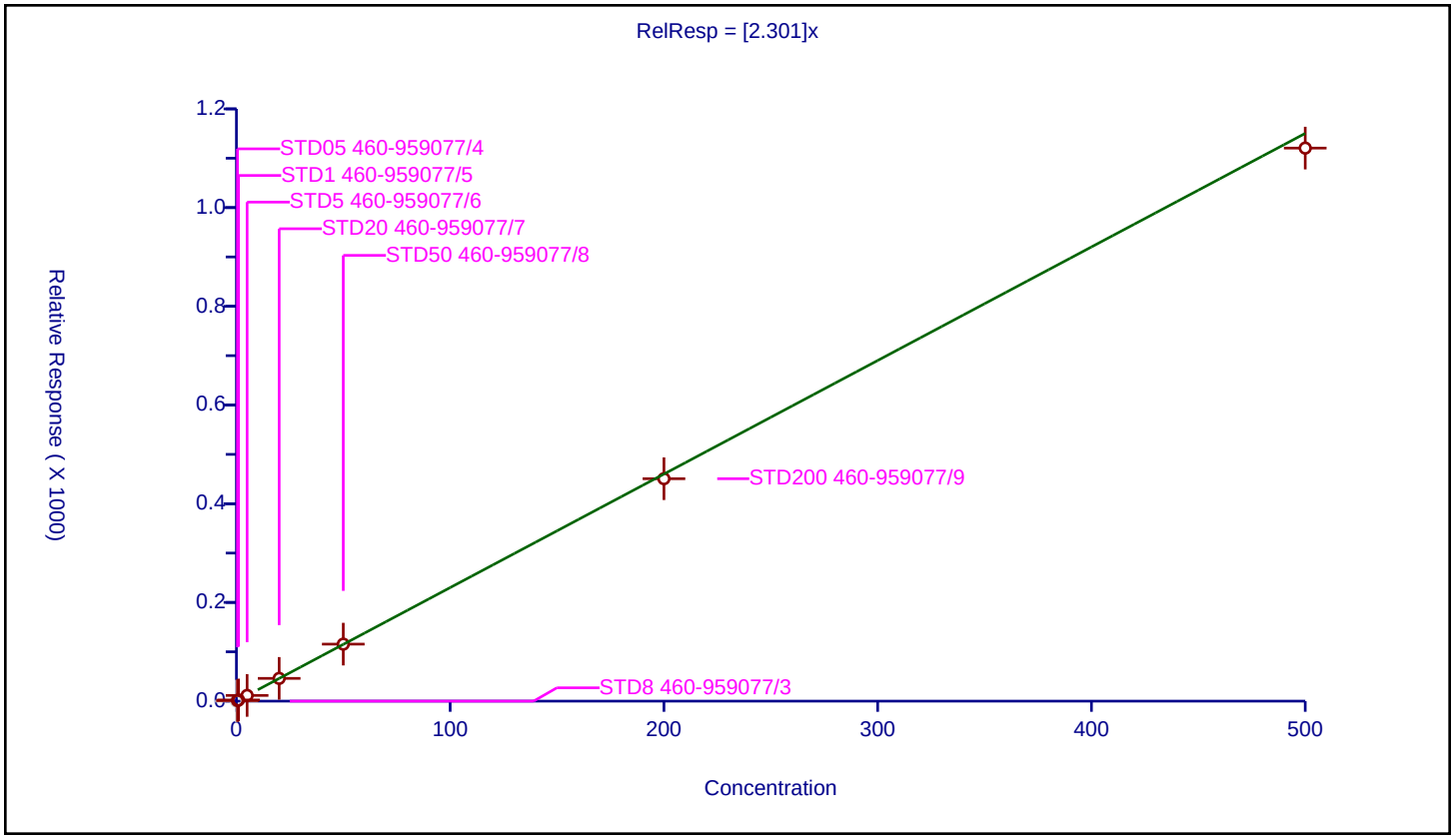
Curve Coefficients

Intercept:	0
Slope:	2.301

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.158246	50.0	286295.0	2.316492	Y
3	STD1 460-959077/5	1.0	2.368008	50.0	279391.0	2.368008	Y
4	STD5 460-959077/6	5.0	11.552886	50.0	277831.0	2.310577	Y
5	STD20 460-959077/7	20.0	46.104031	50.0	283357.0	2.305202	Y
6	STD50 460-959077/8	50.0	115.500911	50.0	289912.0	2.310018	Y
7	STD200 460-959077/9	200.0	450.666729	50.0	299297.0	2.253334	Y
8	STD500 460-959077/10	500.0	1120.552389	50.0	317204.0	2.241105	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

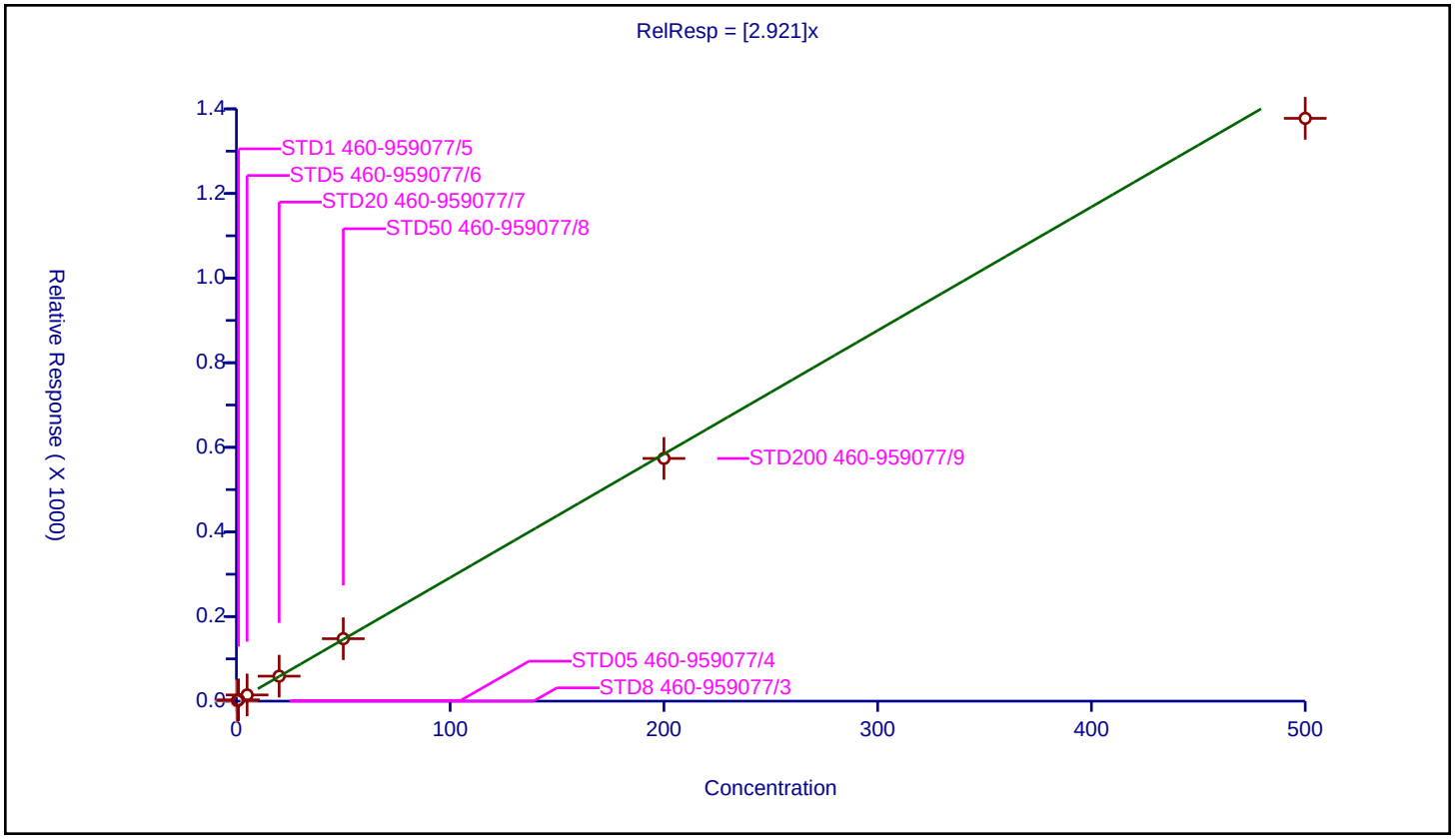
Curve Coefficients

Intercept:	0
Slope:	2.921

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.434884	50.0	286295.0	2.869767	Y
3	STD1 460-959077/5	1.0	3.108368	50.0	279391.0	3.108368	Y
4	STD5 460-959077/6	5.0	14.687346	50.0	277831.0	2.937469	Y
5	STD20 460-959077/7	20.0	59.077418	50.0	283357.0	2.953871	Y
6	STD50 460-959077/8	50.0	147.596857	50.0	289912.0	2.951937	Y
7	STD200 460-959077/9	200.0	573.694858	50.0	299297.0	2.868474	Y
8	STD500 460-959077/10	500.0	1377.665477	50.0	317204.0	2.755331	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

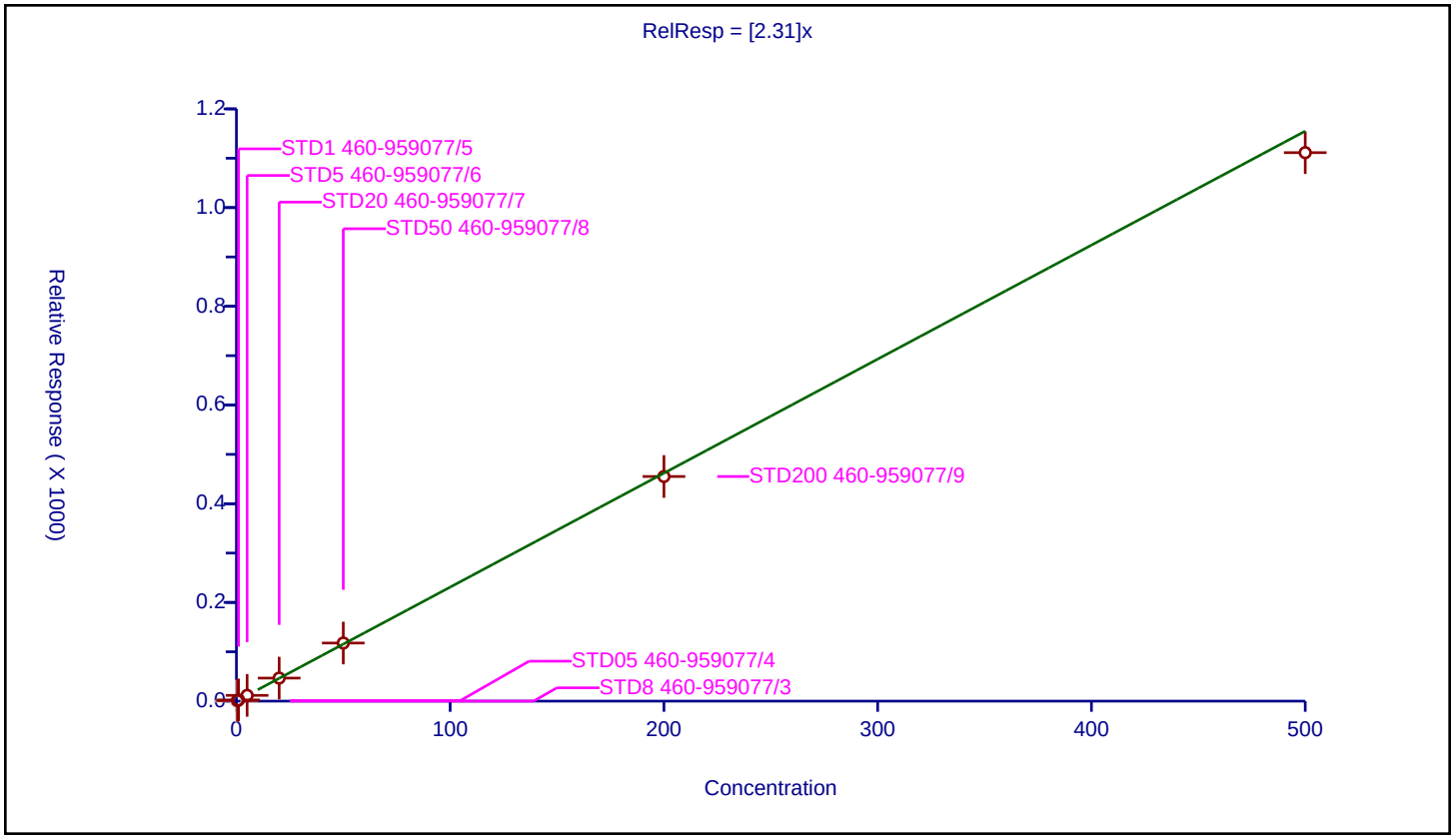
Curve Coefficients

Intercept:	0
Slope:	2.31

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.125238	50.0	286295.0	2.250476	Y
3	STD1 460-959077/5	1.0	2.388946	50.0	279391.0	2.388946	Y
4	STD5 460-959077/6	5.0	11.703338	50.0	277831.0	2.340668	Y
5	STD20 460-959077/7	20.0	46.722509	50.0	283357.0	2.336125	Y
6	STD50 460-959077/8	50.0	117.734519	50.0	289912.0	2.35469	Y
7	STD200 460-959077/9	200.0	455.148565	50.0	299297.0	2.275743	Y
8	STD500 460-959077/10	500.0	1111.344907	50.0	317204.0	2.22269	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

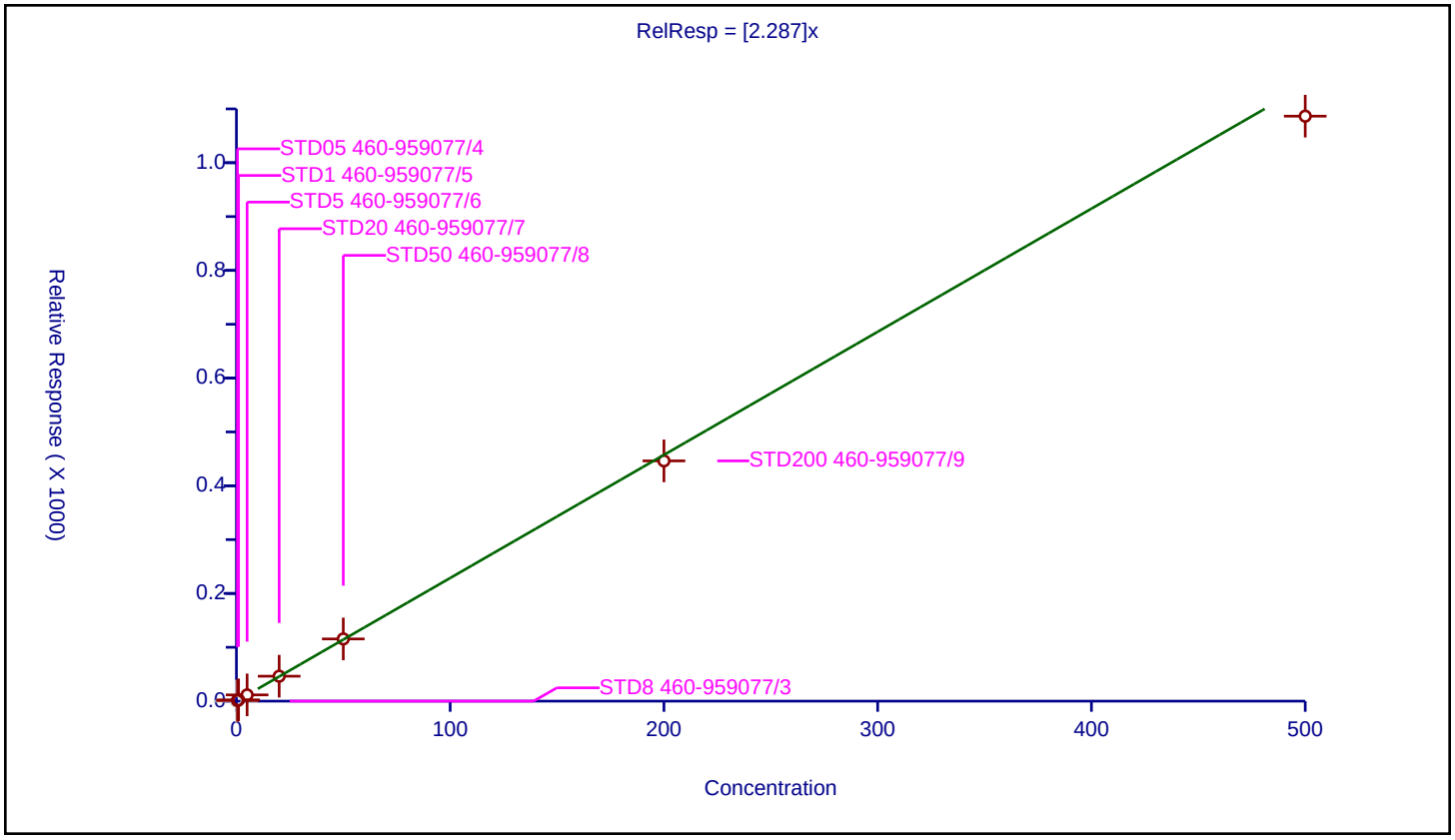
Curve Coefficients

Intercept:	0
Slope:	2.287

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.150038	50.0	286295.0	2.300075	Y
3	STD1 460-959077/5	1.0	2.352617	50.0	279391.0	2.352617	Y
4	STD5 460-959077/6	5.0	11.618574	50.0	277831.0	2.323715	Y
5	STD20 460-959077/7	20.0	46.318778	50.0	283357.0	2.315939	Y
6	STD50 460-959077/8	50.0	115.533334	50.0	289912.0	2.310667	Y
7	STD200 460-959077/9	200.0	446.229331	50.0	299297.0	2.231147	Y
8	STD500 460-959077/10	500.0	1086.507421	50.0	317204.0	2.173015	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

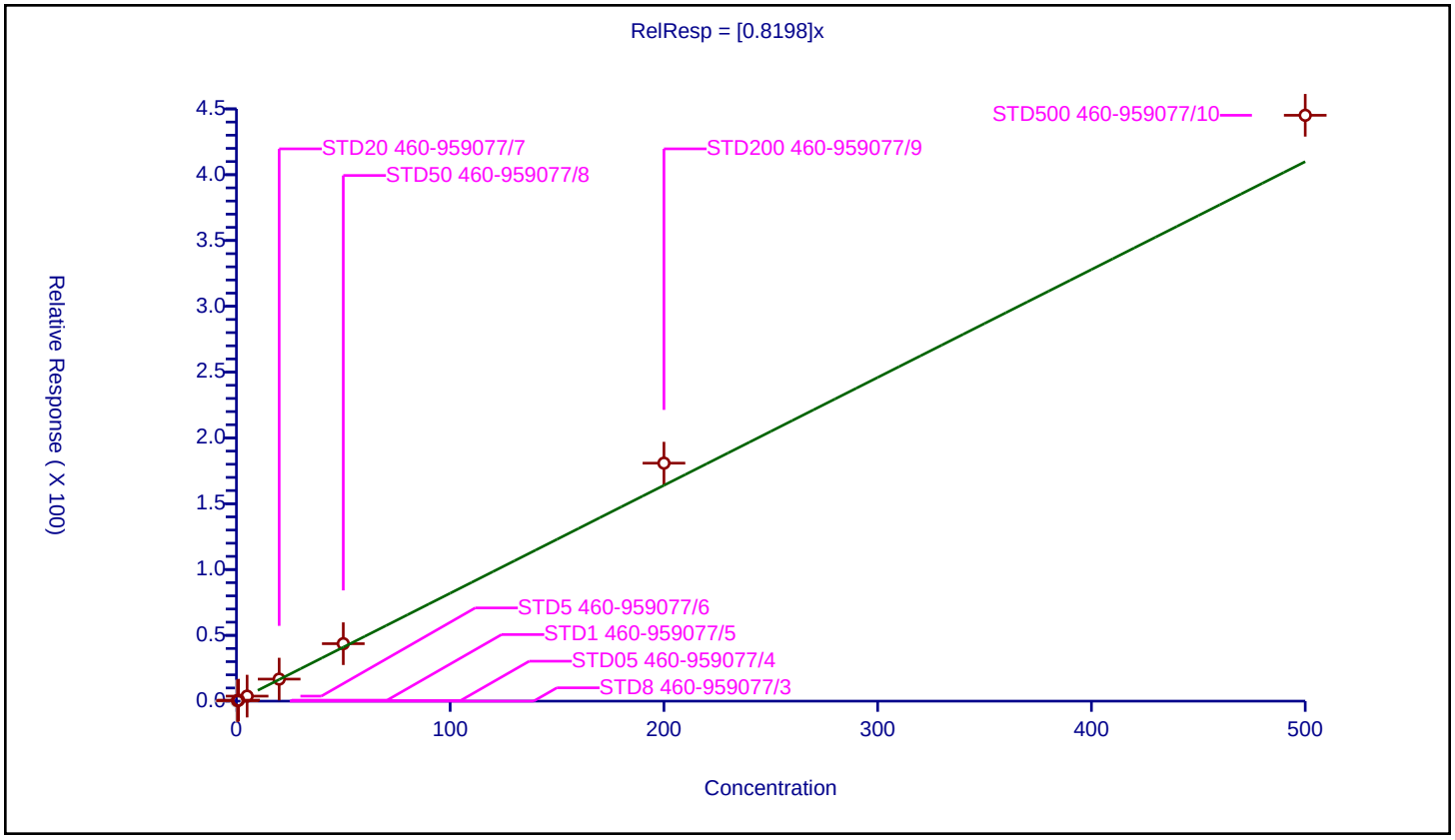
Curve Coefficients

Intercept:	0
Slope:	0.8198

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.366929	50.0	286295.0	0.733858	Y
3	STD1 460-959077/5	1.0	0.736423	50.0	279391.0	0.736423	Y
4	STD5 460-959077/6	5.0	3.819948	50.0	277831.0	0.76399	Y
5	STD20 460-959077/7	20.0	16.740543	50.0	283357.0	0.837027	Y
6	STD50 460-959077/8	50.0	43.657041	50.0	289912.0	0.873141	Y
7	STD200 460-959077/9	200.0	180.83509	50.0	299297.0	0.904175	Y
8	STD500 460-959077/10	500.0	445.135465	50.0	317204.0	0.890271	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

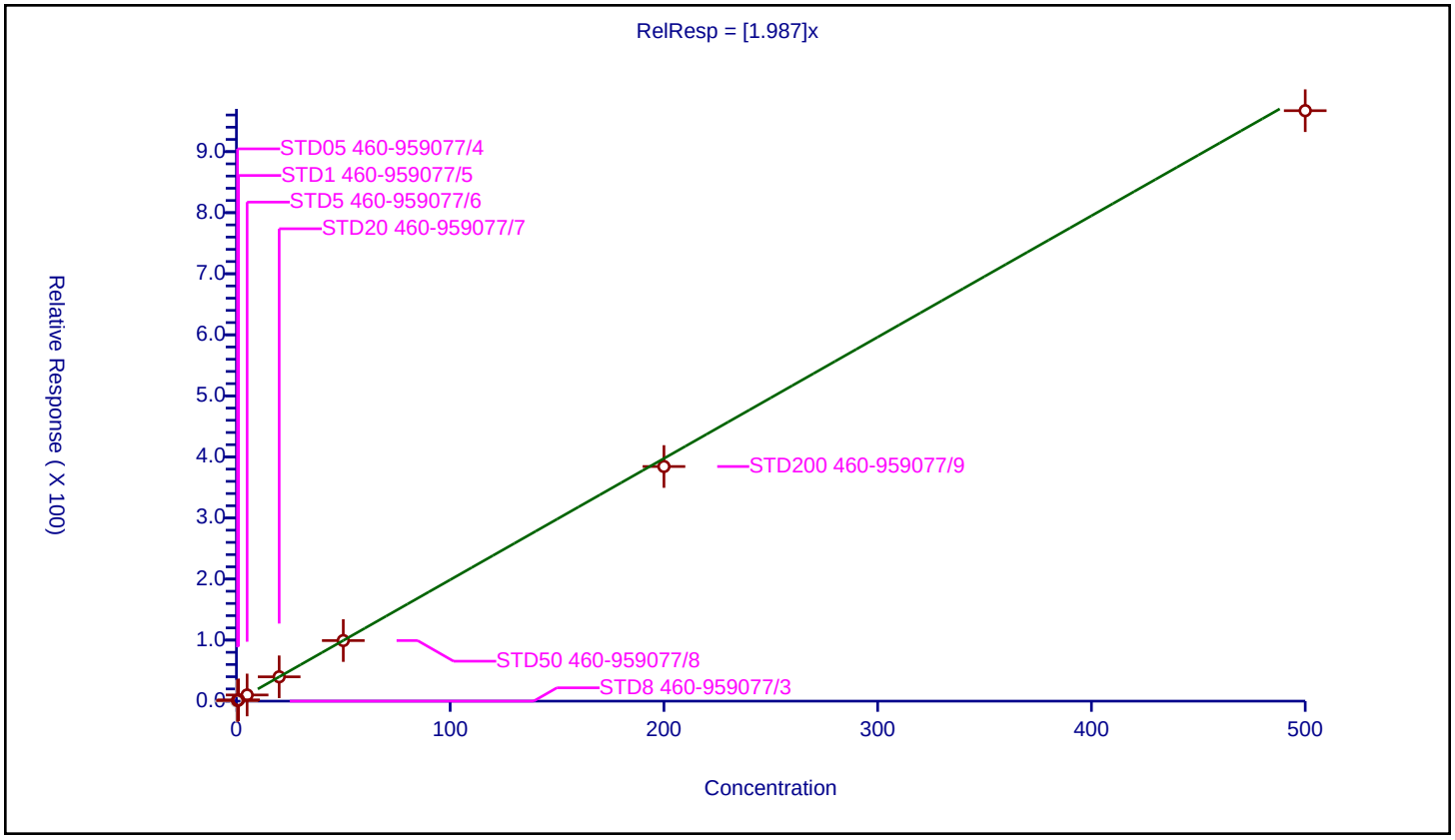
Curve Coefficients

Intercept:	0
Slope:	1.987

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.002462	50.0	286295.0	2.004925	Y
3	STD1 460-959077/5	1.0	2.054111	50.0	279391.0	2.054111	Y
4	STD5 460-959077/6	5.0	10.094446	50.0	277831.0	2.018889	Y
5	STD20 460-959077/7	20.0	39.862788	50.0	283357.0	1.993139	Y
6	STD50 460-959077/8	50.0	99.232871	50.0	289912.0	1.984657	Y
7	STD200 460-959077/9	200.0	384.290855	50.0	299297.0	1.921454	Y
8	STD500 460-959077/10	500.0	967.077023	50.0	317204.0	1.934154	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

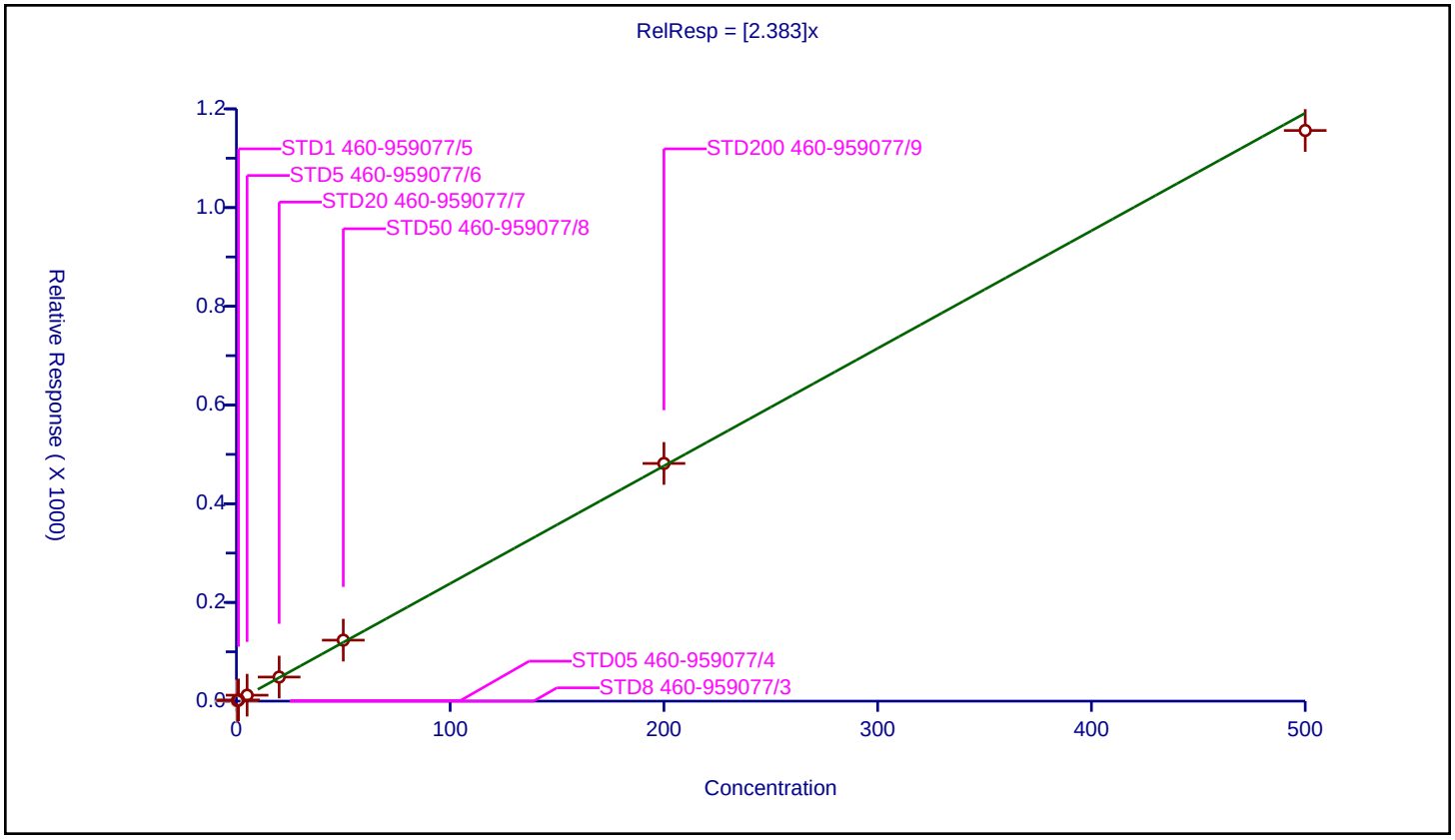
Curve Coefficients

Intercept:	0
Slope:	2.383

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.1069	50.0	286295.0	2.2138	Y
3	STD1 460-959077/5	1.0	2.423306	50.0	279391.0	2.423306	Y
4	STD5 460-959077/6	5.0	12.044372	50.0	277831.0	2.408874	Y
5	STD20 460-959077/7	20.0	48.836979	50.0	283357.0	2.441849	Y
6	STD50 460-959077/8	50.0	123.579397	50.0	289912.0	2.471588	Y
7	STD200 460-959077/9	200.0	481.602889	50.0	299297.0	2.408014	Y
8	STD500 460-959077/10	500.0	1156.213194	50.0	317204.0	2.312426	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

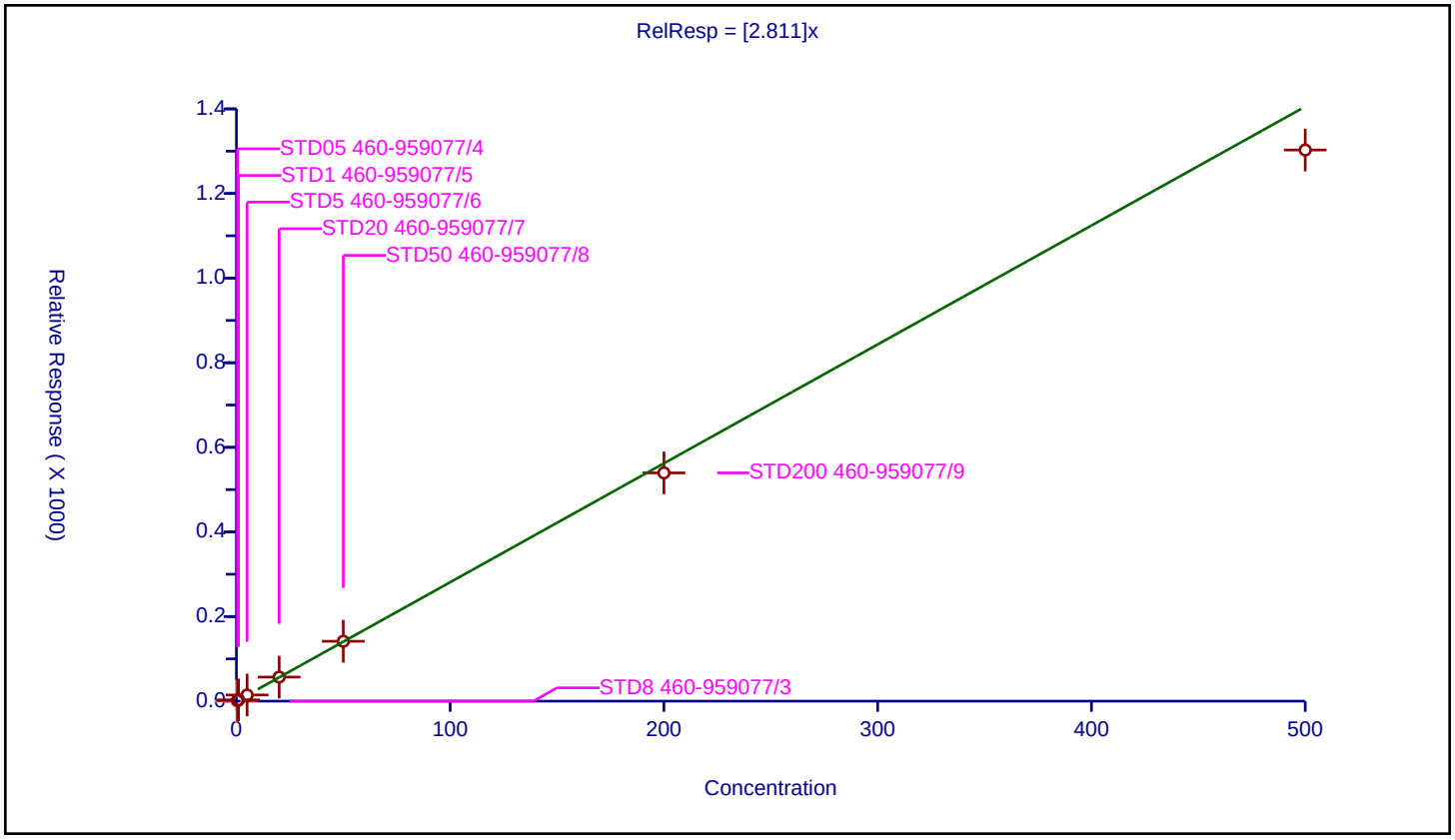
Curve Coefficients

Intercept:	0
Slope:	2.811

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.407464	50.0	286295.0	2.814929	Y
3	STD1 460-959077/5	1.0	2.971821	50.0	279391.0	2.971821	Y
4	STD5 460-959077/6	5.0	14.558491	50.0	277831.0	2.911698	Y
5	STD20 460-959077/7	20.0	56.86925	50.0	283357.0	2.843462	Y
6	STD50 460-959077/8	50.0	141.491729	50.0	289912.0	2.829835	Y
7	STD200 460-959077/9	200.0	539.513594	50.0	299297.0	2.697568	Y
8	STD500 460-959077/10	500.0	1302.801667	50.0	317204.0	2.605603	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

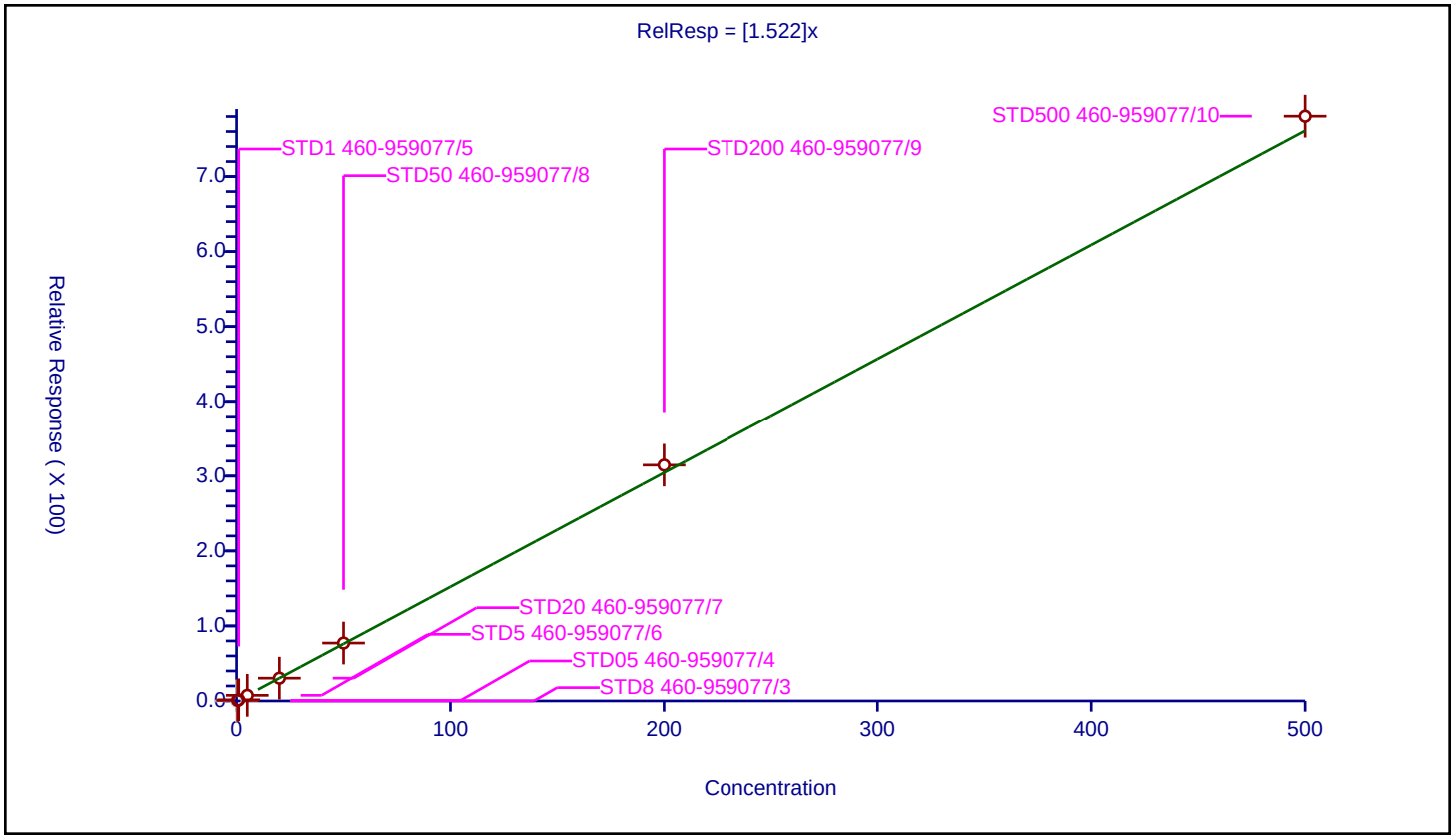
Curve Coefficients

Intercept:	0
Slope:	1.522

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.711329	50.0	286295.0	1.422658	Y
3	STD1 460-959077/5	1.0	1.535661	50.0	279391.0	1.535661	Y
4	STD5 460-959077/6	5.0	7.499703	50.0	277831.0	1.499941	Y
5	STD20 460-959077/7	20.0	30.394167	50.0	283357.0	1.519708	Y
6	STD50 460-959077/8	50.0	77.17497	50.0	289912.0	1.543499	Y
7	STD200 460-959077/9	200.0	314.610404	50.0	299297.0	1.573052	Y
8	STD500 460-959077/10	500.0	780.444603	50.0	317204.0	1.560889	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

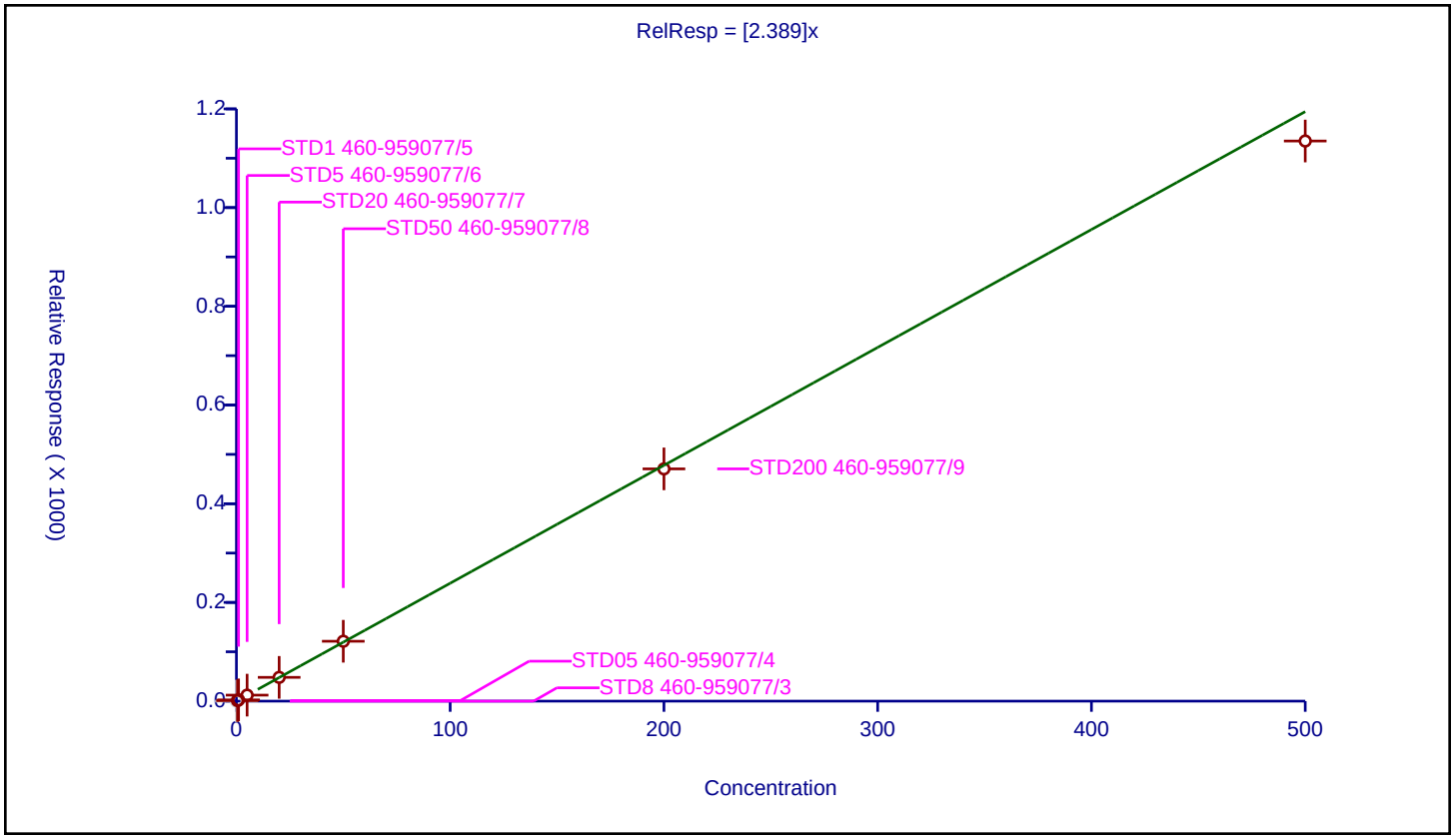
Curve Coefficients

Intercept:	0
Slope:	2.389

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.156849	50.0	286295.0	2.313697	Y
3	STD1 460-959077/5	1.0	2.522093	50.0	279391.0	2.522093	Y
4	STD5 460-959077/6	5.0	12.146593	50.0	277831.0	2.429319	Y
5	STD20 460-959077/7	20.0	48.140332	50.0	283357.0	2.407017	Y
6	STD50 460-959077/8	50.0	121.365794	50.0	289912.0	2.427316	Y
7	STD200 460-959077/9	200.0	470.592422	50.0	299297.0	2.352962	Y
8	STD500 460-959077/10	500.0	1134.918538	50.0	317204.0	2.269837	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

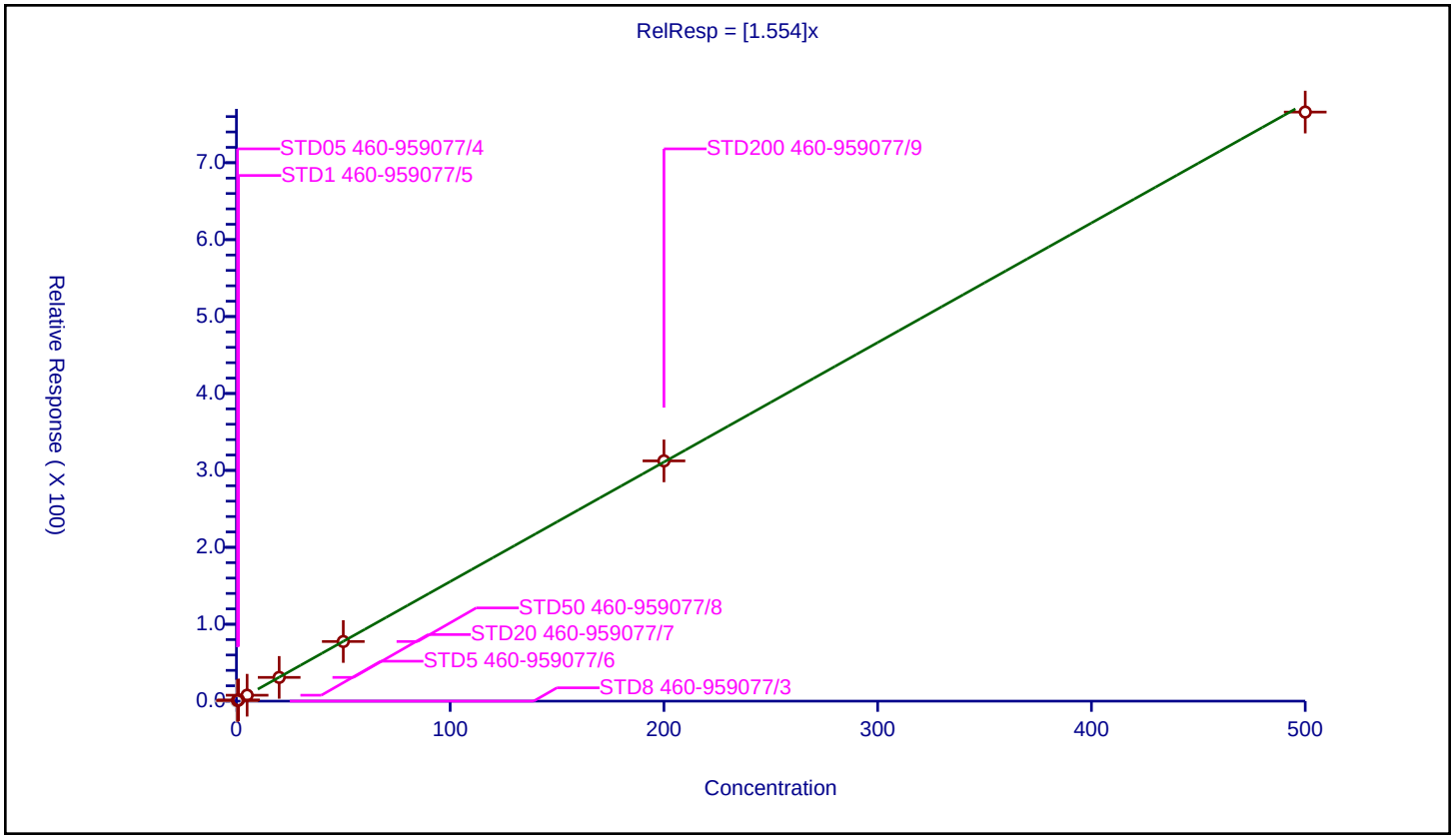
Curve Coefficients

Intercept:	0
Slope:	1.554

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.796905	50.0	286295.0	1.593811	Y
3	STD1 460-959077/5	1.0	1.559463	50.0	279391.0	1.559463	Y
4	STD5 460-959077/6	5.0	7.688487	50.0	277831.0	1.537697	Y
5	STD20 460-959077/7	20.0	30.878362	50.0	283357.0	1.543918	Y
6	STD50 460-959077/8	50.0	77.545428	50.0	289912.0	1.550909	Y
7	STD200 460-959077/9	200.0	312.376502	50.0	299297.0	1.561883	Y
8	STD500 460-959077/10	500.0	765.87149	50.0	317204.0	1.531743	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

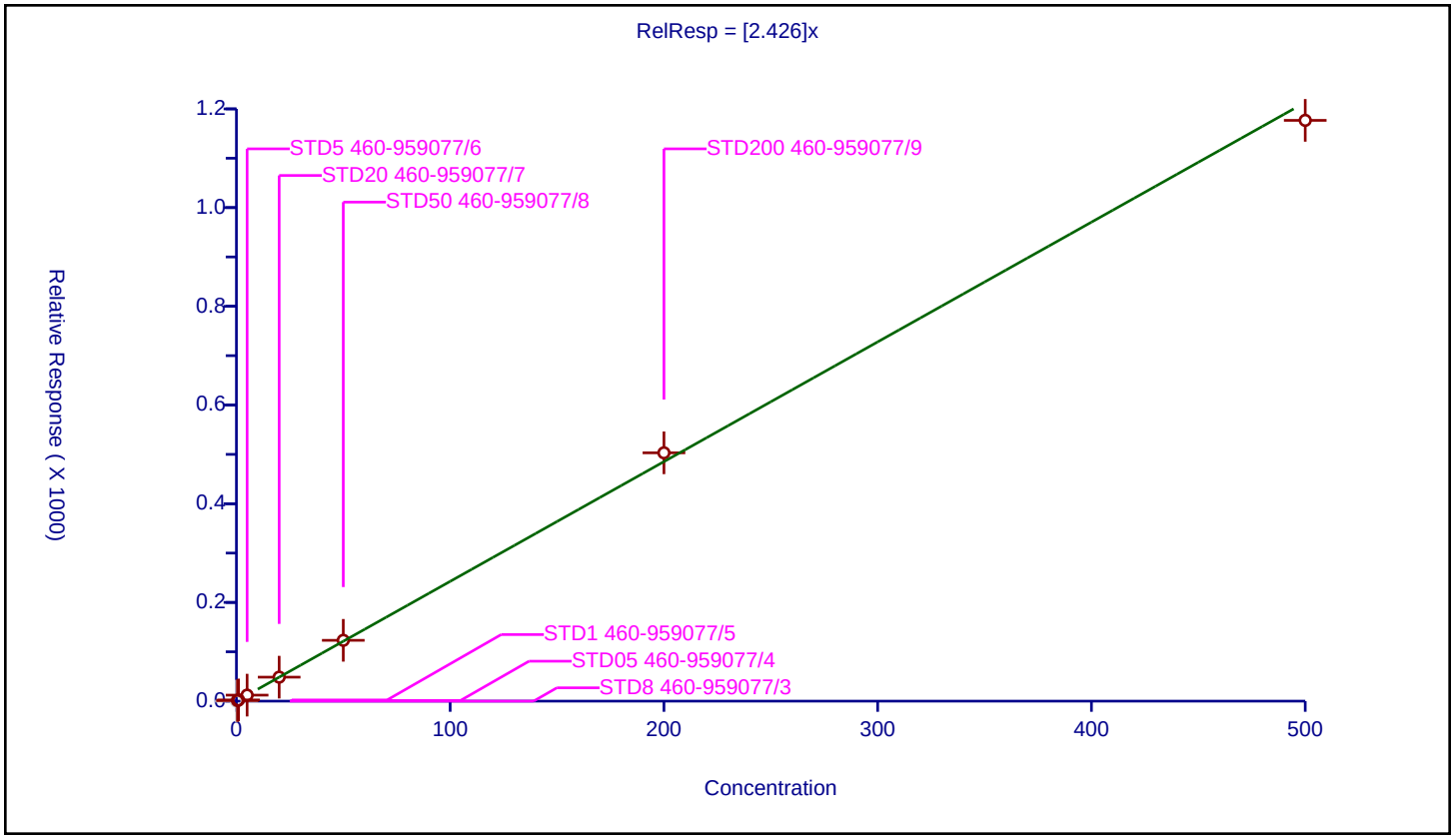
Curve Coefficients

Intercept:	0
Slope:	2.426

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.199986	50.0	286295.0	2.399972	Y
3	STD1 460-959077/5	1.0	2.388588	50.0	279391.0	2.388588	Y
4	STD5 460-959077/6	5.0	12.16027	50.0	277831.0	2.432054	Y
5	STD20 460-959077/7	20.0	48.598588	50.0	283357.0	2.429929	Y
6	STD50 460-959077/8	50.0	123.210147	50.0	289912.0	2.464203	Y
7	STD200 460-959077/9	200.0	503.165752	50.0	299297.0	2.515829	Y
8	STD500 460-959077/10	500.0	1176.766686	50.0	317204.0	2.353533	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

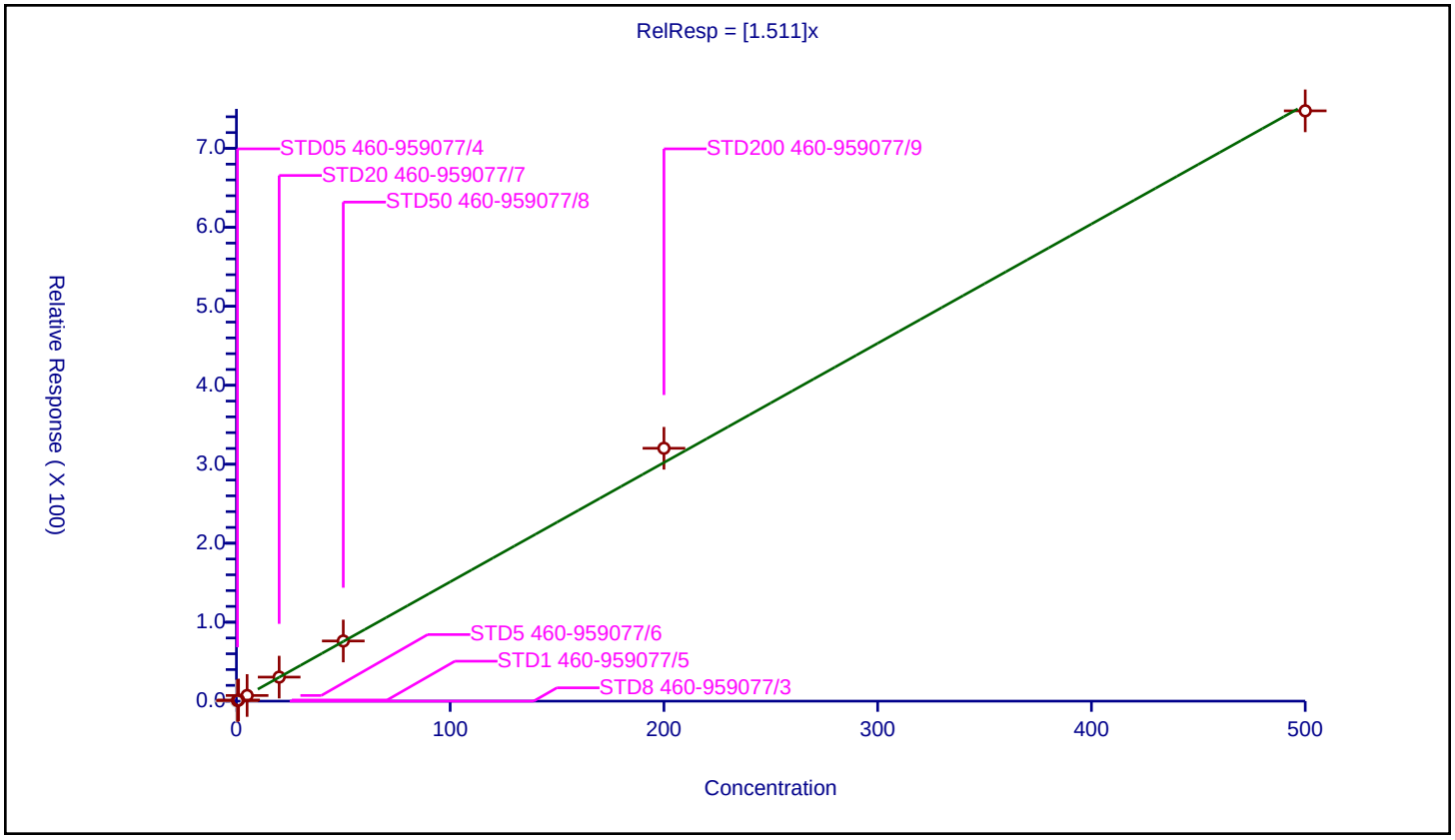
Curve Coefficients

Intercept:	0
Slope:	1.511

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.774376	50.0	286295.0	1.548752	Y
3	STD1 460-959077/5	1.0	1.449581	50.0	279391.0	1.449581	Y
4	STD5 460-959077/6	5.0	7.166587	50.0	277831.0	1.433317	Y
5	STD20 460-959077/7	20.0	30.447633	50.0	283357.0	1.522382	Y
6	STD50 460-959077/8	50.0	76.174494	50.0	289912.0	1.52349	Y
7	STD200 460-959077/9	200.0	320.23308	50.0	299297.0	1.601165	Y
8	STD500 460-959077/10	500.0	747.536601	50.0	317204.0	1.495073	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

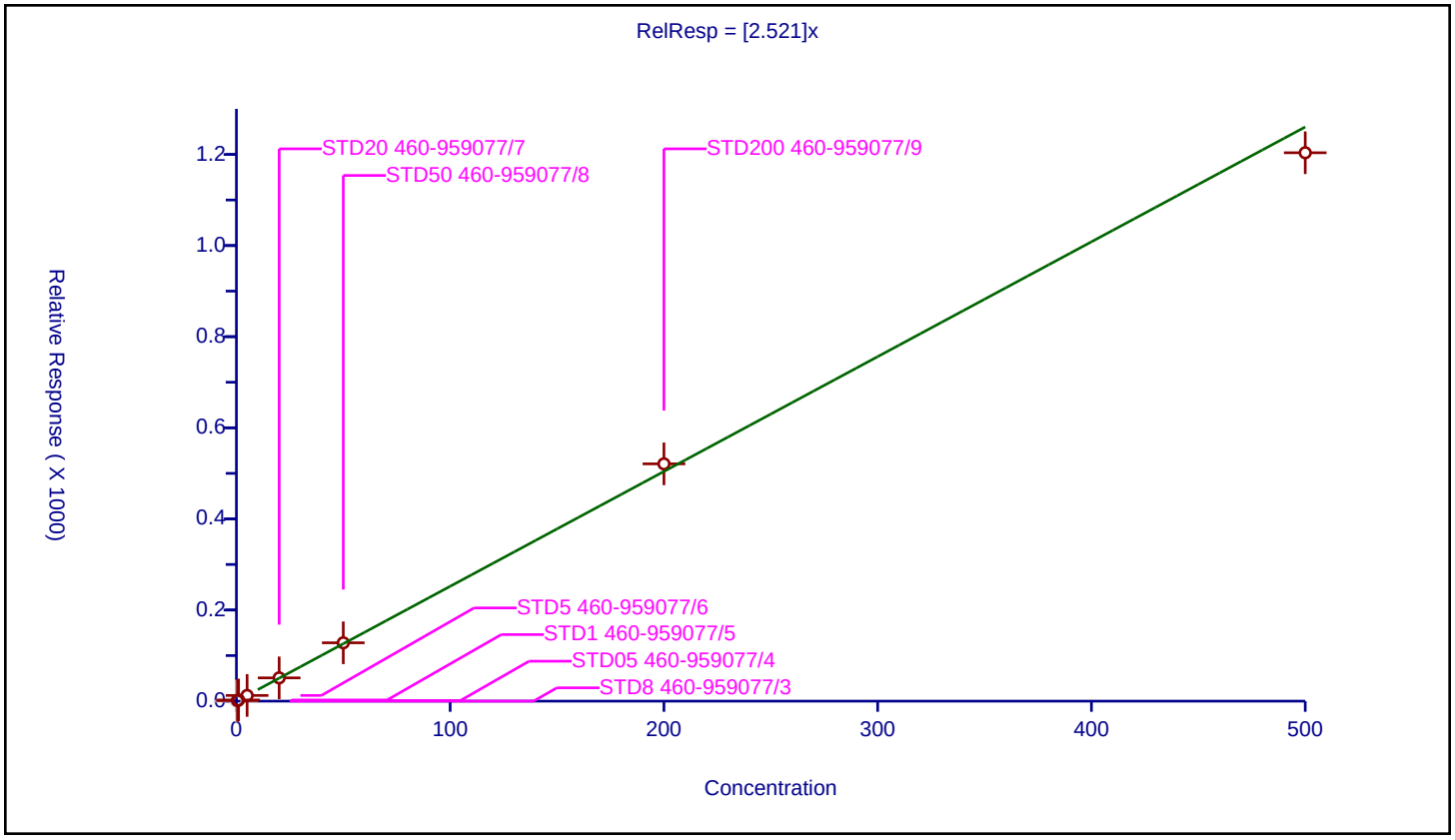
Curve Coefficients

Intercept:	0
Slope:	2.521

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.250284	50.0	286295.0	2.500568	Y
3	STD1 460-959077/5	1.0	2.519766	50.0	279391.0	2.519766	Y
4	STD5 460-959077/6	5.0	12.485468	50.0	277831.0	2.497094	Y
5	STD20 460-959077/7	20.0	51.088909	50.0	283357.0	2.554445	Y
6	STD50 460-959077/8	50.0	128.045062	50.0	289912.0	2.560901	Y
7	STD200 460-959077/9	200.0	520.887446	50.0	299297.0	2.604437	Y
8	STD500 460-959077/10	500.0	1203.692419	50.0	317204.0	2.407385	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

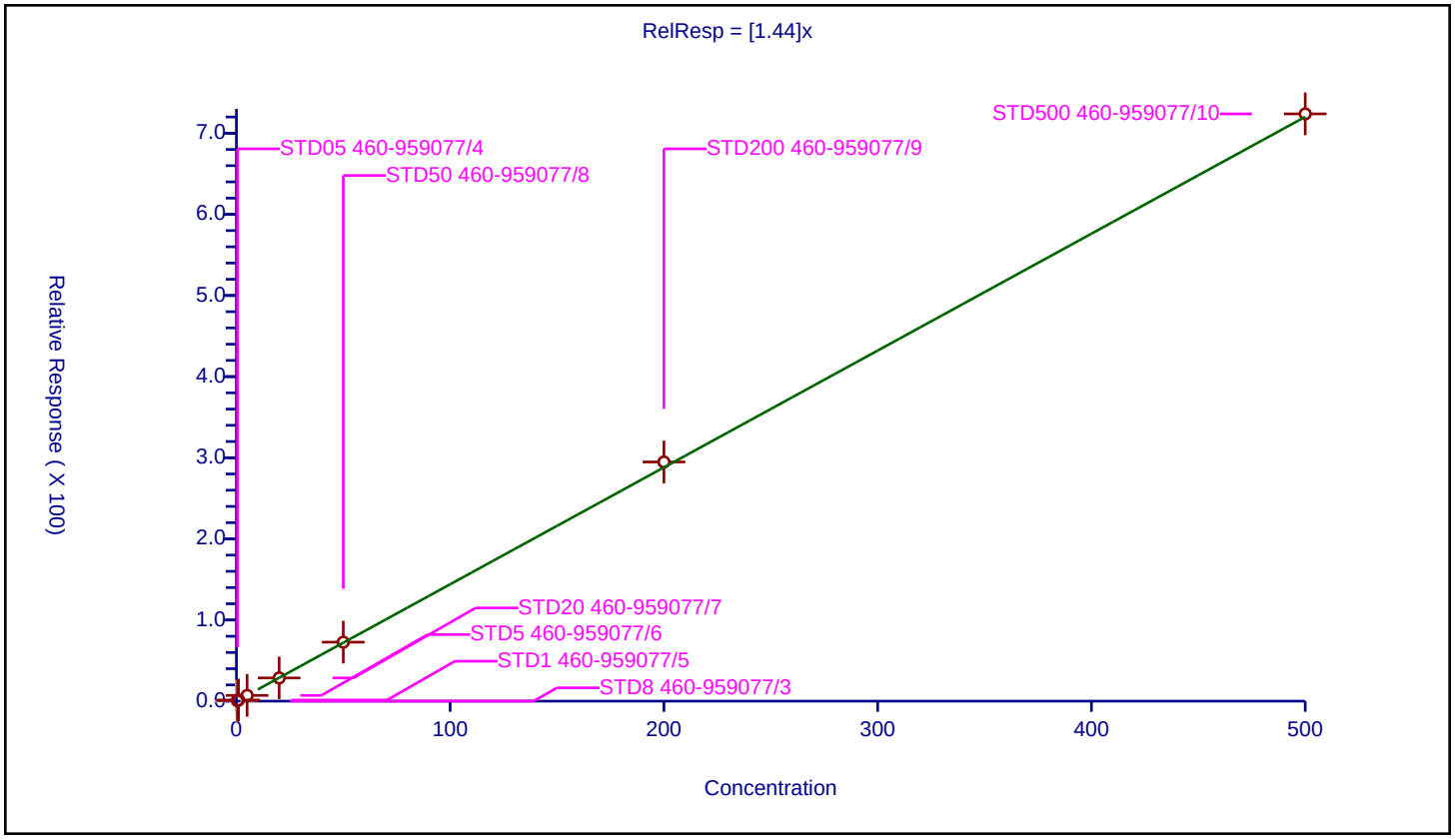
Curve Coefficients

Intercept:	0
Slope:	1.44

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.727397	50.0	286295.0	1.454793	Y
3	STD1 460-959077/5	1.0	1.410747	50.0	279391.0	1.410747	Y
4	STD5 460-959077/6	5.0	7.062387	50.0	277831.0	1.412477	Y
5	STD20 460-959077/7	20.0	28.575437	50.0	283357.0	1.428772	Y
6	STD50 460-959077/8	50.0	72.715686	50.0	289912.0	1.454314	Y
7	STD200 460-959077/9	200.0	294.789457	50.0	299297.0	1.473947	Y
8	STD500 460-959077/10	500.0	723.842858	50.0	317204.0	1.447686	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

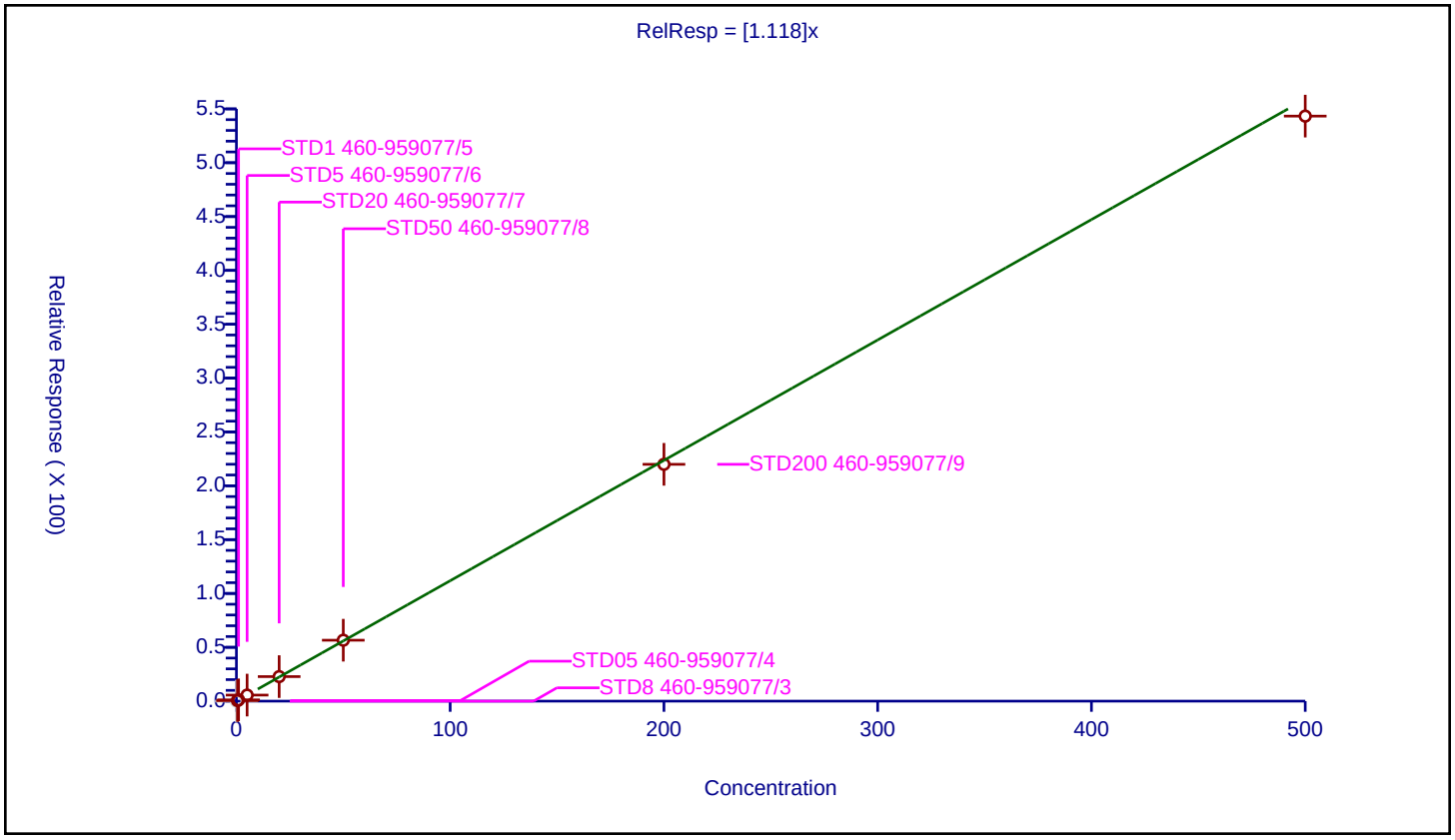
Curve Coefficients

Intercept:	0
Slope:	1.118

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.535112	50.0	286295.0	1.070225	Y
3	STD1 460-959077/5	1.0	1.171655	50.0	279391.0	1.171655	Y
4	STD5 460-959077/6	5.0	5.633281	50.0	277831.0	1.126656	Y
5	STD20 460-959077/7	20.0	22.787155	50.0	283357.0	1.139358	Y
6	STD50 460-959077/8	50.0	56.590276	50.0	289912.0	1.131806	Y
7	STD200 460-959077/9	200.0	219.922685	50.0	299297.0	1.099613	Y
8	STD500 460-959077/10	500.0	543.294063	50.0	317204.0	1.086588	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

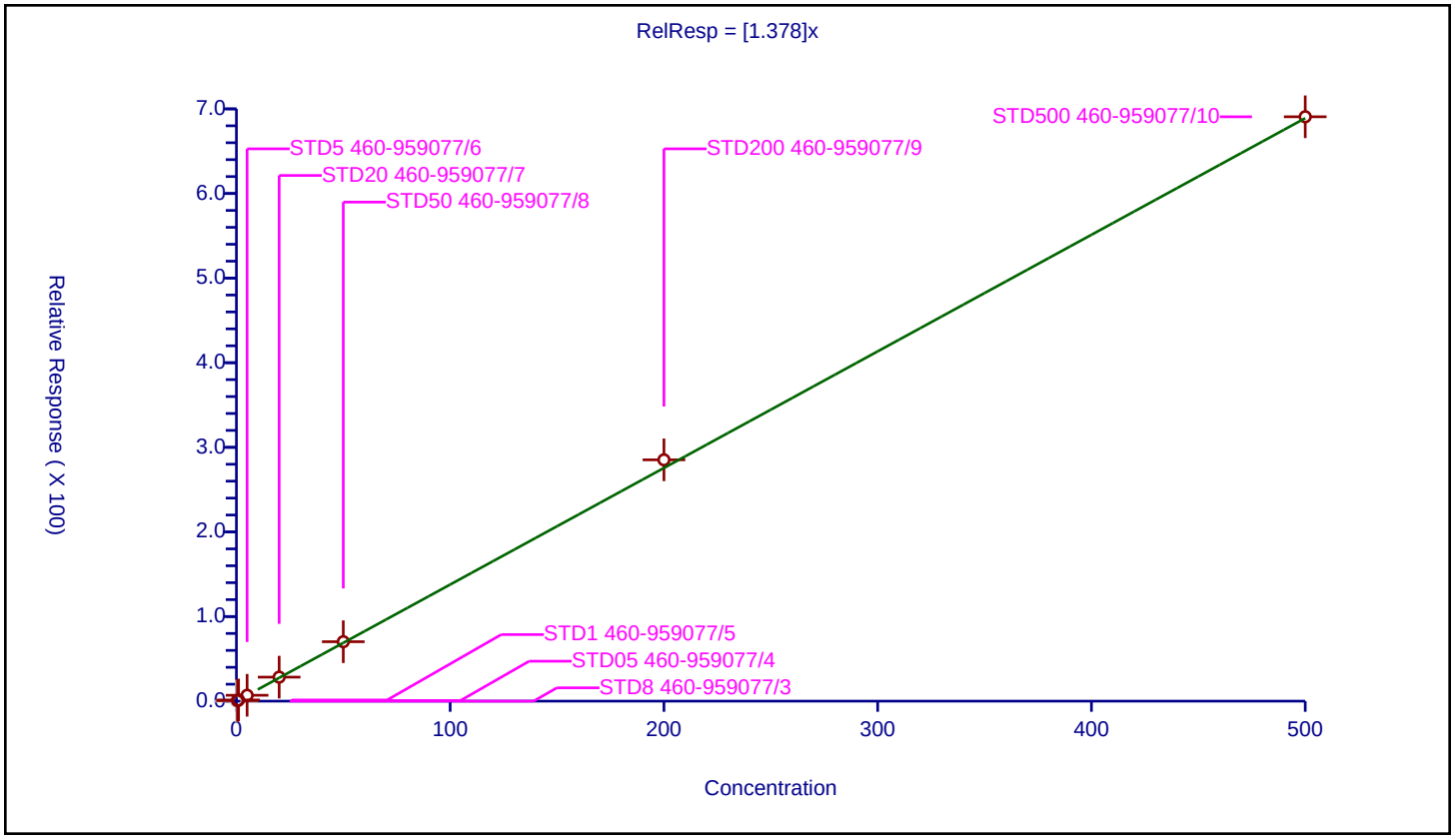
Curve Coefficients

Intercept:	0
Slope:	1.378

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.635533	50.0	286295.0	1.271067	Y
3	STD1 460-959077/5	1.0	1.355985	50.0	279391.0	1.355985	Y
4	STD5 460-959077/6	5.0	6.937491	50.0	277831.0	1.387498	Y
5	STD20 460-959077/7	20.0	28.388746	50.0	283357.0	1.419437	Y
6	STD50 460-959077/8	50.0	70.233209	50.0	289912.0	1.404664	Y
7	STD200 460-959077/9	200.0	285.208505	50.0	299297.0	1.426043	Y
8	STD500 460-959077/10	500.0	690.692267	50.0	317204.0	1.381385	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

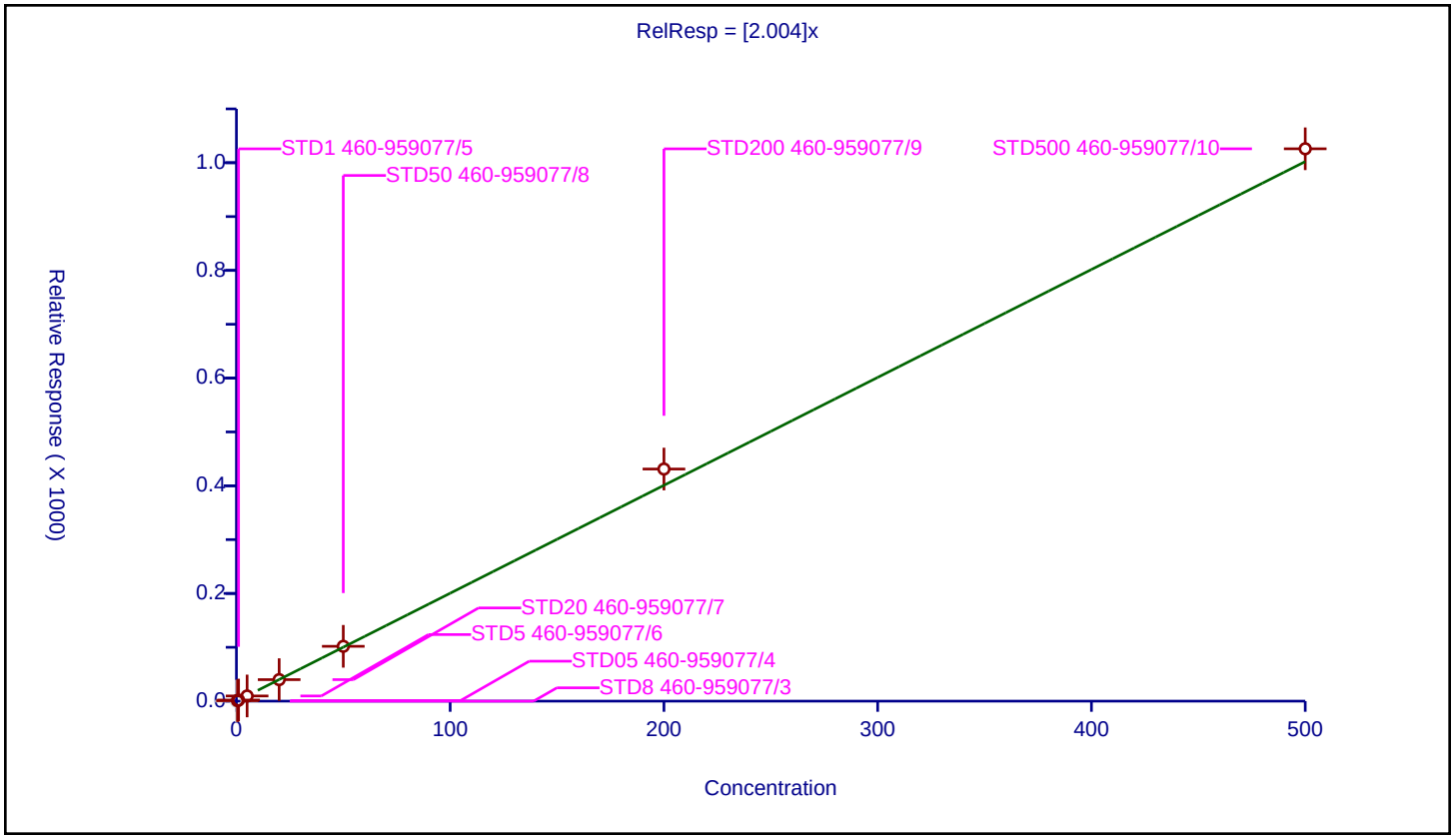
Curve Coefficients

Intercept:	0
Slope:	2.004

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.916886	50.0	286295.0	1.833773	Y
3	STD1 460-959077/5	1.0	2.026551	50.0	279391.0	2.026551	Y
4	STD5 460-959077/6	5.0	9.640573	50.0	277831.0	1.928115	Y
5	STD20 460-959077/7	20.0	39.945899	50.0	283357.0	1.997295	Y
6	STD50 460-959077/8	50.0	101.831763	50.0	289912.0	2.036635	Y
7	STD200 460-959077/9	200.0	431.107228	50.0	299297.0	2.155536	Y
8	STD500 460-959077/10	500.0	1025.899894	50.0	317204.0	2.0518	Y



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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

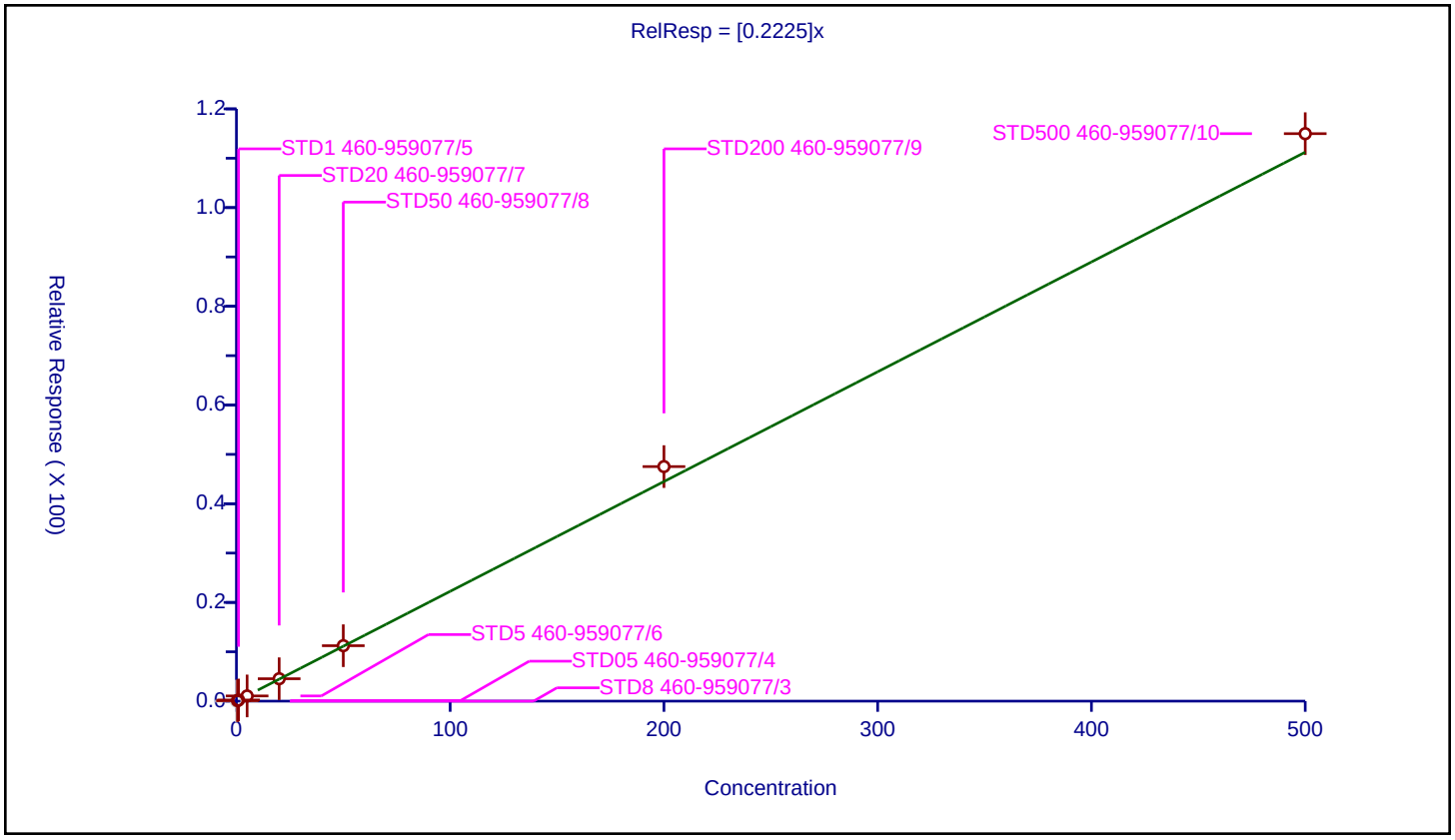
Curve Coefficients

Intercept:	0
Slope:	0.2225

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.100072	50.0	286295.0	0.200143	Y
3	STD1 460-959077/5	1.0	0.227101	50.0	279391.0	0.227101	Y
4	STD5 460-959077/6	5.0	1.053338	50.0	277831.0	0.210668	Y
5	STD20 460-959077/7	20.0	4.541444	50.0	283357.0	0.227072	Y
6	STD50 460-959077/8	50.0	11.232546	50.0	289912.0	0.224651	Y
7	STD200 460-959077/9	200.0	47.522027	50.0	299297.0	0.23761	Y
8	STD500 460-959077/10	500.0	114.978846	50.0	317204.0	0.229958	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

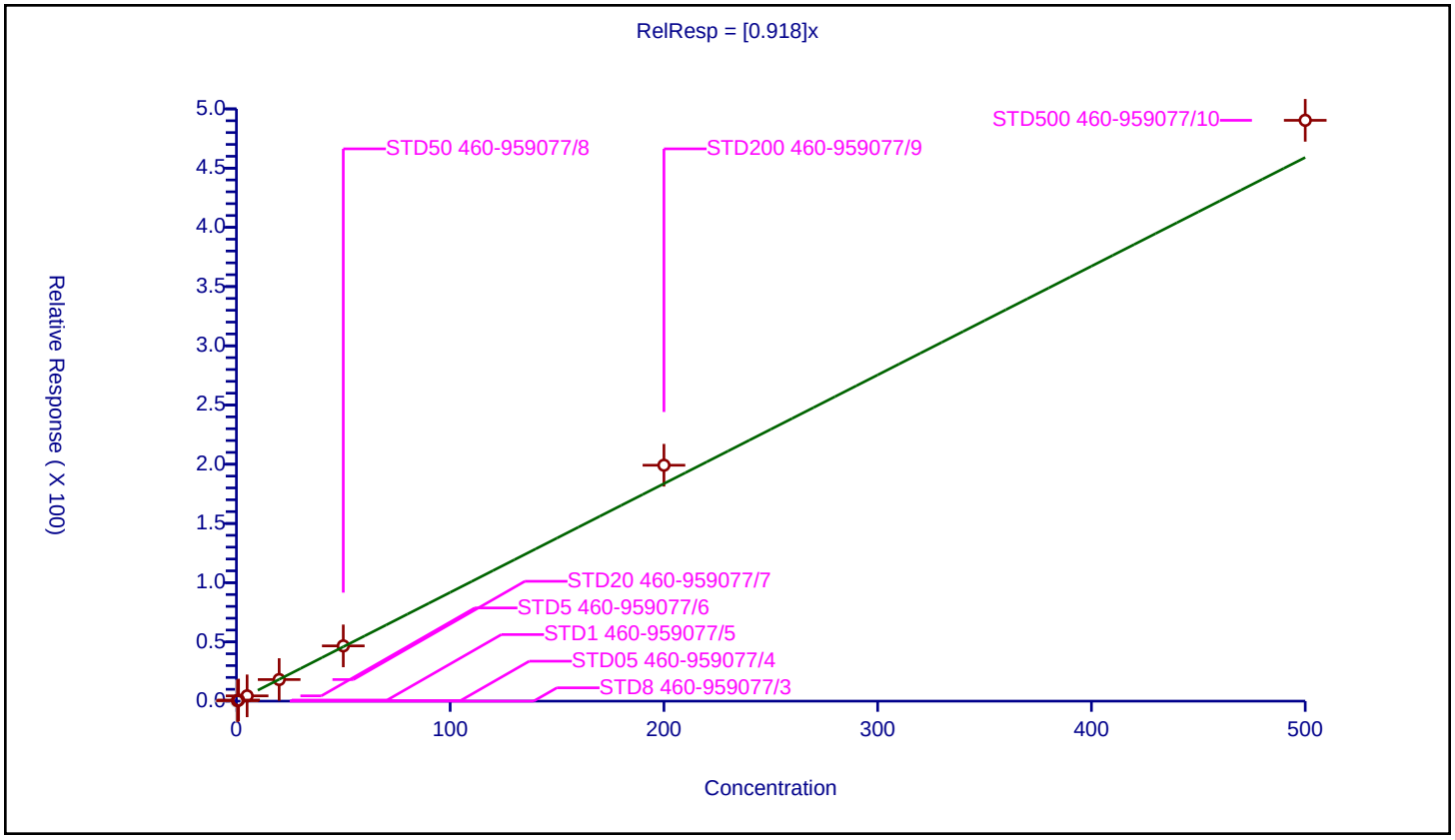
Curve Coefficients

Intercept:	0
Slope:	0.918

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.399239	50.0	286295.0	0.798477	Y
3	STD1 460-959077/5	1.0	0.916816	50.0	279391.0	0.916816	Y
4	STD5 460-959077/6	5.0	4.453427	50.0	277831.0	0.890685	Y
5	STD20 460-959077/7	20.0	18.213596	50.0	283357.0	0.91068	Y
6	STD50 460-959077/8	50.0	46.636393	50.0	289912.0	0.932728	Y
7	STD200 460-959077/9	200.0	199.165378	50.0	299297.0	0.995827	Y
8	STD500 460-959077/10	500.0	490.362984	50.0	317204.0	0.980726	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

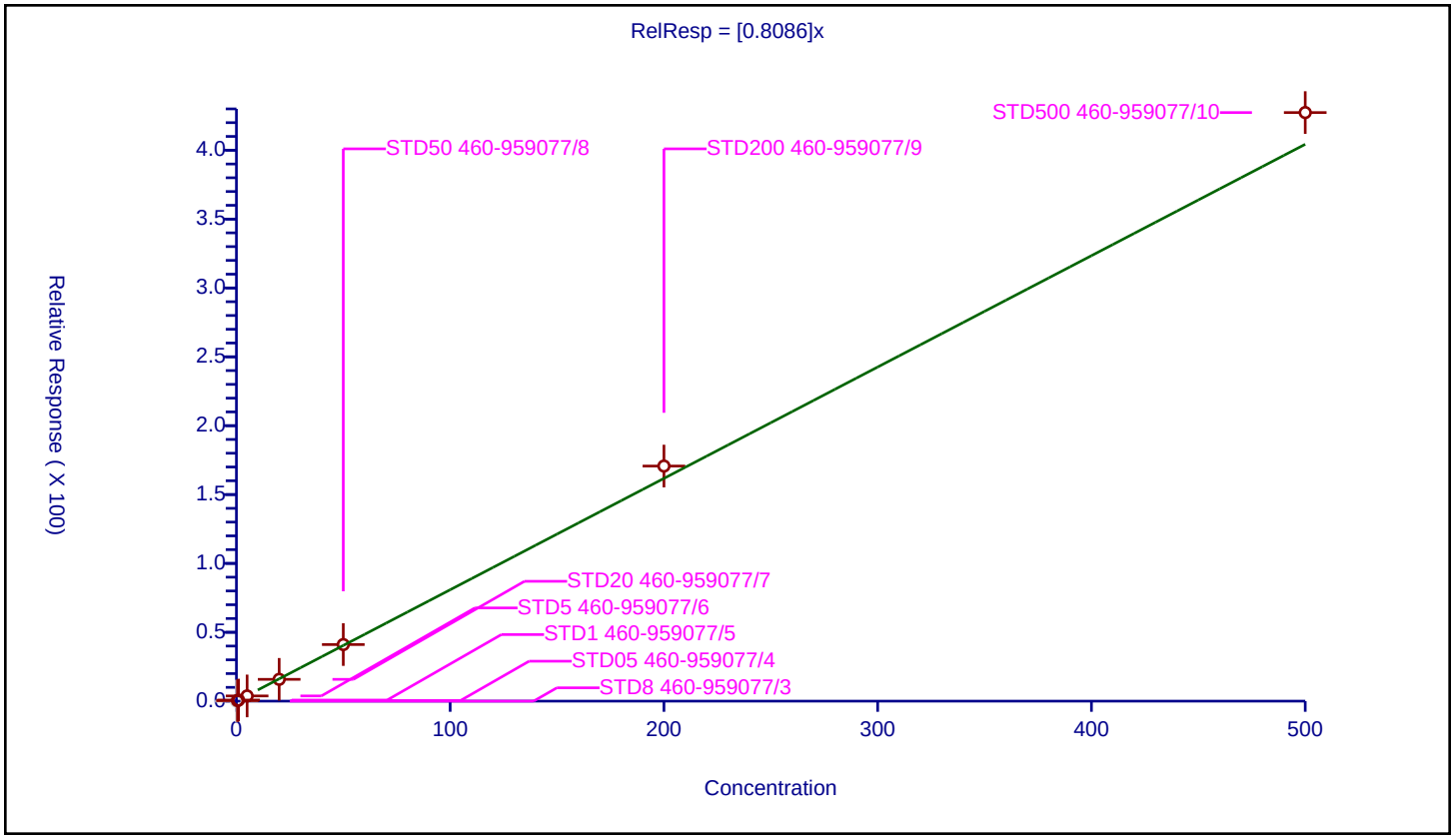
Curve Coefficients

Intercept:	0
Slope:	0.8086

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.400286	50.0	286295.0	0.800573	Y
3	STD1 460-959077/5	1.0	0.782953	50.0	279391.0	0.782953	Y
4	STD5 460-959077/6	5.0	3.779096	50.0	277831.0	0.755819	Y
5	STD20 460-959077/7	20.0	15.821561	50.0	283357.0	0.791078	Y
6	STD50 460-959077/8	50.0	41.07919	50.0	289912.0	0.821584	Y
7	STD200 460-959077/9	200.0	170.689816	50.0	299297.0	0.853449	Y
8	STD500 460-959077/10	500.0	427.332095	50.0	317204.0	0.854664	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

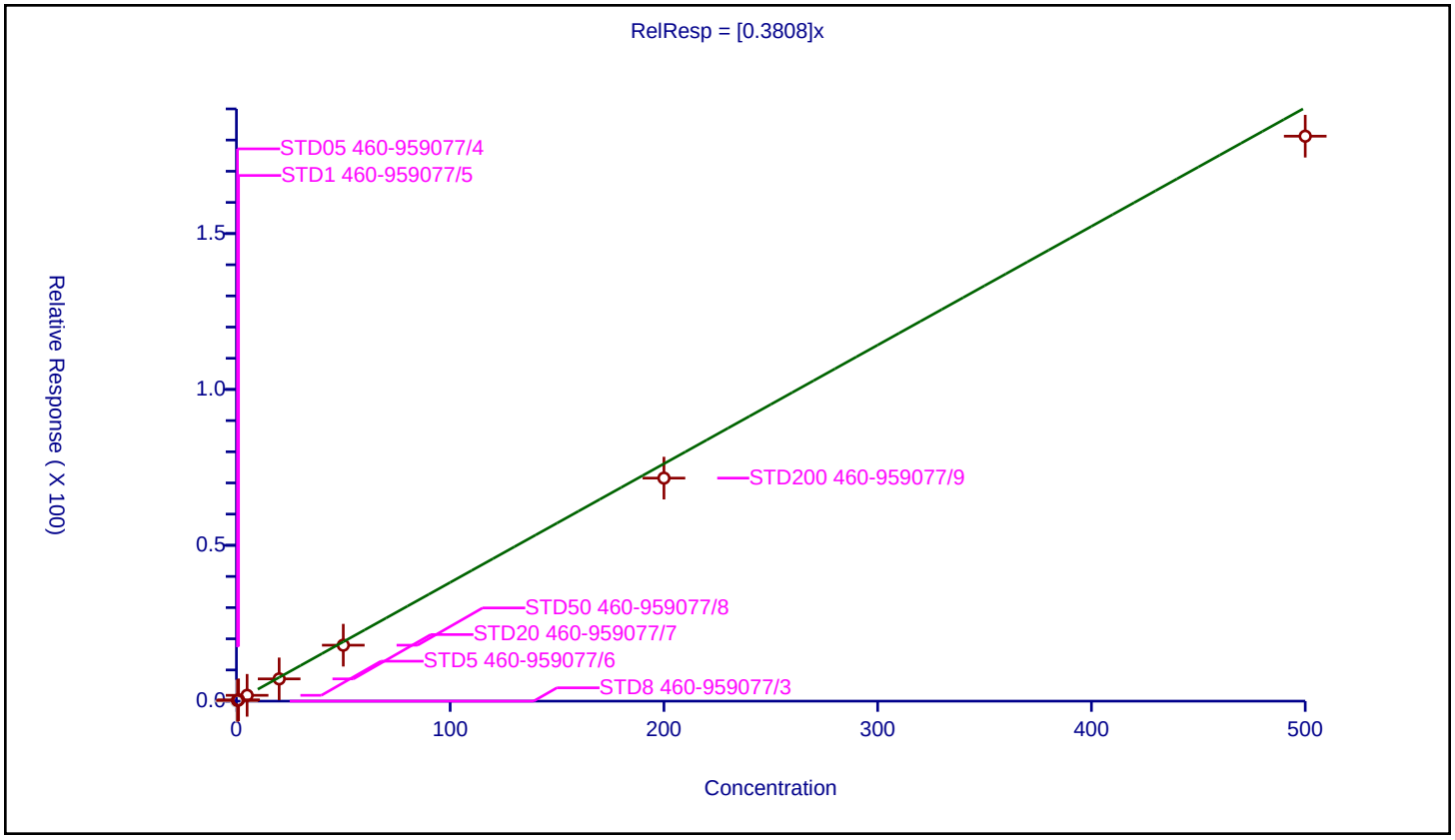
Curve Coefficients

Intercept:	0
Slope:	0.3808

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.222498	50.0	286295.0	0.444996	Y
3	STD1 460-959077/5	1.0	0.410536	50.0	279391.0	0.410536	Y
4	STD5 460-959077/6	5.0	1.869842	50.0	277831.0	0.373968	Y
5	STD20 460-959077/7	20.0	7.137463	50.0	283357.0	0.356873	Y
6	STD50 460-959077/8	50.0	17.948205	50.0	289912.0	0.358964	Y
7	STD200 460-959077/9	200.0	71.550333	50.0	299297.0	0.357752	Y
8	STD500 460-959077/10	500.0	181.241252	50.0	317204.0	0.362483	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

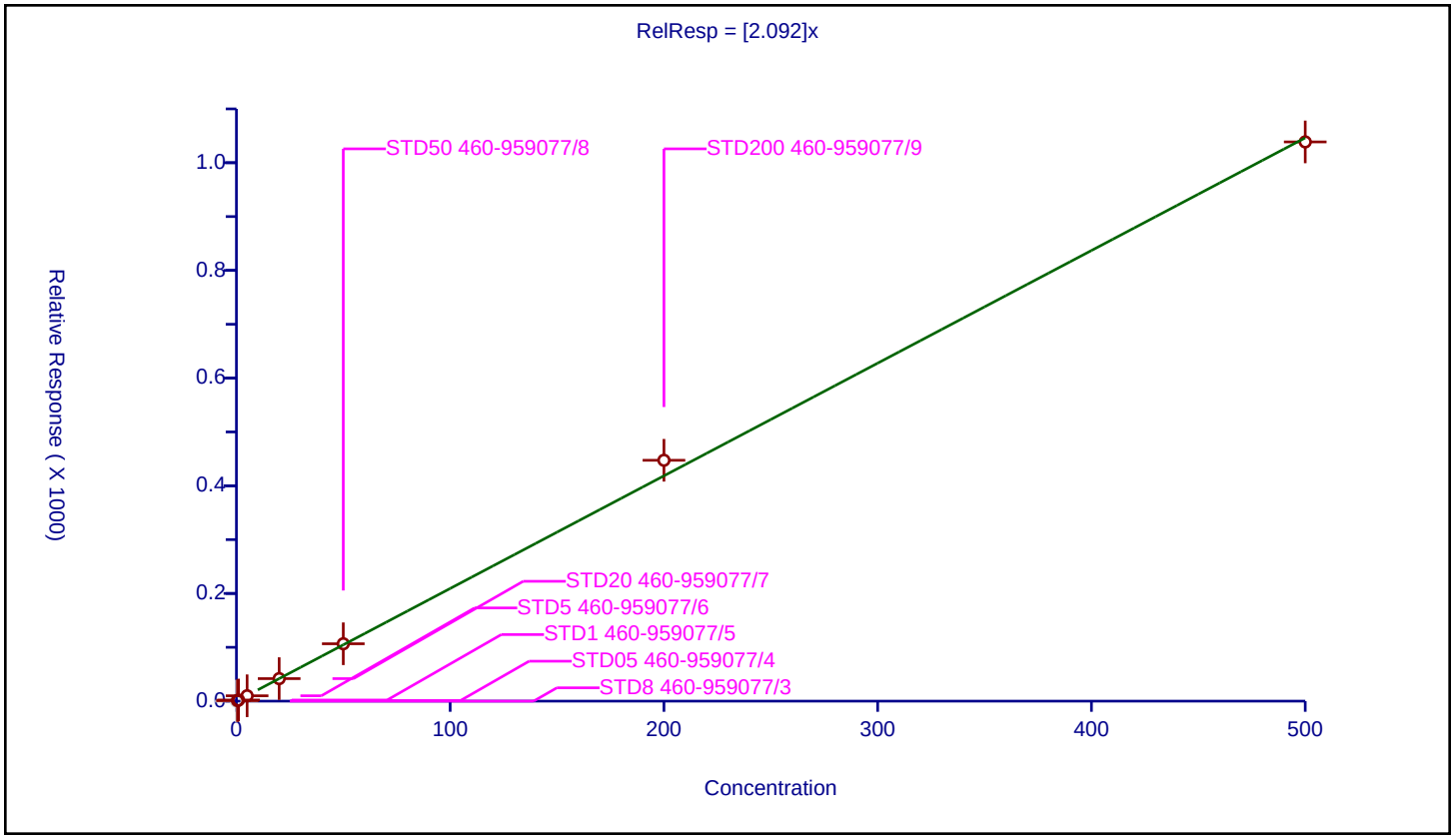
Curve Coefficients

Intercept:	0
Slope:	2.092

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.023769	50.0	286295.0	2.047538	Y
3	STD1 460-959077/5	1.0	2.065027	50.0	279391.0	2.065027	Y
4	STD5 460-959077/6	5.0	9.990066	50.0	277831.0	1.998013	Y
5	STD20 460-959077/7	20.0	41.823212	50.0	283357.0	2.091161	Y
6	STD50 460-959077/8	50.0	106.555093	50.0	289912.0	2.131102	Y
7	STD200 460-959077/9	200.0	447.364825	50.0	299297.0	2.236824	Y
8	STD500 460-959077/10	500.0	1038.671171	50.0	317204.0	2.077342	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

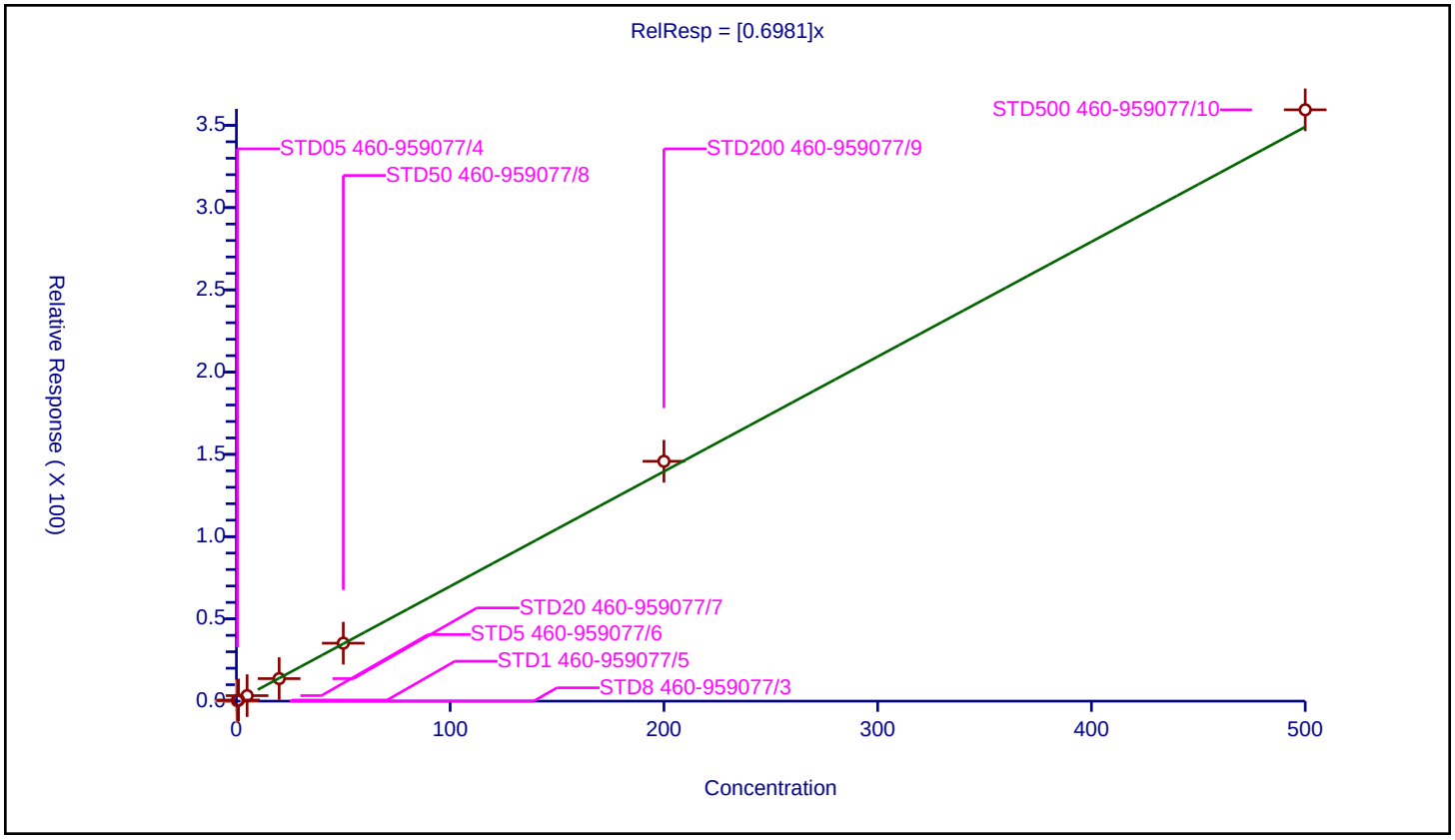
Curve Coefficients

Intercept:	0
Slope:	0.6981

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.352783	50.0	286295.0	0.705566	Y
3	STD1 460-959077/5	1.0	0.675219	50.0	279391.0	0.675219	Y
4	STD5 460-959077/6	5.0	3.343399	50.0	277831.0	0.66868	Y
5	STD20 460-959077/7	20.0	13.694738	50.0	283357.0	0.684737	Y
6	STD50 460-959077/8	50.0	35.224654	50.0	289912.0	0.704493	Y
7	STD200 460-959077/9	200.0	145.802664	50.0	299297.0	0.729013	Y
8	STD500 460-959077/10	500.0	359.442504	50.0	317204.0	0.718885	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
Monochloropentafluoroethane	Ave	0.0173	0.0280		32.5	20.0	62.3*	30.0
Chlorotrifluoroethene	Ave	0.0691	0.1026		29.7	20.0	48.6*	30.0
1,1-Difluoroethane	Ave	0.1613	0.1687		20.9	20.0	4.6	30.0
Dichlorodifluoromethane	Ave	0.4567	0.4916	0.1000	21.5	20.0	7.7	30.0
Chlorodifluoromethane	Ave	0.0592	0.0477		16.1	20.0	-19.5	30.0
Chloromethane	Ave	0.4212	0.4001	0.1000	19.0	20.0	-5.0	30.0
Vinyl chloride	Ave	0.5237	0.5261	0.1000	20.1	20.0	0.4	30.0
Butadiene	Ave	0.4309	0.4016		18.6	20.0	-6.8	30.0
Bromomethane	QuaF		0.1649	0.1000	24.0	20.0	20.2	30.0
Chloroethane	Ave	2.176	2.257	0.1000	20.7	20.0	3.7	30.0
Dichlorofluoromethane	Ave	0.7109	0.7046		19.8	20.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.5614	0.6028	0.1000	21.5	20.0	7.4	30.0
Pentane	Ave	0.0531	0.0468		35.2	40.0	-12.0	30.0
Ethanol	Ave	0.2999	0.2762		737	800	-7.9	30.0
Ethyl ether	Lin2		0.2354		17.7	20.0	-11.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2511	0.2323		18.5	20.0	-7.5	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3111	0.3023		19.4	20.0	-2.8	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5040	0.4919		19.5	20.0	-2.4	30.0
Freon TF	Ave	0.3109	0.3066	0.1000	19.7	20.0	-1.4	30.0
Acrolein	Ave	0.0611	0.0370		23.9	39.5	-39.5*	30.0
1,1-Dichloroethene	Ave	0.3423	0.3080	0.1000	18.0	20.0	-10.0	30.0
Acetone	Ave	0.7978	0.6676	0.0500	83.7	100	-16.3	30.0
Iodomethane	QuaF		0.3472		14.5	20.0	-27.5	30.0
Isopropyl alcohol	Ave	3.410	3.231		189	200	-5.3	30.0
Carbon disulfide	Ave	1.128	0.9053	0.1000	16.1	20.0	-19.7	30.0
3-Chloro-1-propene	Ave	0.2050	0.1950		19.0	20.0	-4.9	30.0
Methyl acetate	Ave	0.2173	0.2036	0.1000	37.5	40.0	-6.3	30.0
Cyclopentene	Ave	0.6782	0.5953		17.6	20.0	-12.2	30.0
Acetonitrile	Ave	0.3274	0.3042		186	200	-7.1	30.0
Methylene Chloride	Ave	0.4121	0.3798	0.1000	18.4	20.0	-7.8	30.0
2-Methyl-2-propanol	Ave	6.363	6.016		189	200	-5.5	30.0
MTBE	Ave	0.9232	0.8942	0.1000	19.4	20.0	-3.1	30.0
trans-1,2-Dichloroethene	Ave	0.3846	0.3532	0.1000	18.4	20.0	-8.2	30.0
Acrylonitrile	Ave	0.1320	0.1221		185	200	-7.5	30.0
Hexane	Ave	0.3200	0.2926		18.3	20.0	-8.6	30.0
Isopropyl ether	Ave	0.8068	0.7807		19.4	20.0	-3.2	30.0
1,1-Dichloroethane	Ave	0.6015	0.5520	0.2000	18.4	20.0	-8.2	30.0
Vinyl acetate	Ave	0.4219	0.6143		58.2	40.0	45.6*	30.0
2-Chloro-1,3-butadiene	Ave	0.3228	0.3252		20.1	20.0	0.7	30.0
Tert-butyl ethyl ether	Ave	0.8760	0.8781		20.0	20.0	0.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
2,2-Dichloropropane	Ave	0.1286	0.1301		20.2	20.0	1.1	30.0
cis-1,2-Dichloroethene	Ave	0.4361	0.4146	0.1000	19.0	20.0	-4.9	30.0
2-Butanone	Ave	0.4115	0.3923	0.0500	95.3	100	-4.7	30.0
Ethyl acetate	Ave	0.3334	0.3295		39.5	40.0	-1.2	30.0
Methyl acrylate	Ave	0.3015	0.2957		19.6	20.0	-1.9	30.0
Propionitrile	Ave	0.0521	0.0481		185	200	-7.7	30.0
Chlorobromomethane	Ave	0.2189	0.2052		18.7	20.0	-6.3	30.0
Tetrahydrofuran	Ave	0.4174	0.4113		39.4	40.0	-1.5	30.0
Methacrylonitrile	Ave	0.1616	0.1558		193	200	-3.5	30.0
Chloroform	Ave	0.6410	0.6210	0.2000	19.4	20.0	-3.1	30.0
Cyclohexane	Ave	0.4628	0.4335	0.1000	18.7	20.0	-6.3	30.0
1,1,1-Trichloroethane	Ave	0.5514	0.5170	0.1000	18.8	20.0	-6.2	30.0
Carbon tetrachloride	Ave	0.5065	0.4786	0.1000	18.9	20.0	-5.5	30.0
1,1-Dichloropropene	Ave	0.4853	0.4333		17.9	20.0	-10.7	30.0
Isobutyl alcohol	Ave	3.076	3.094		503	500	0.6	30.0
Isooctane	Ave	0.6140	0.6515		21.2	20.0	6.1	30.0
Benzene	Ave	1.537	1.461	0.5000	19.0	20.0	-5.0	30.0
Isopropyl acetate	Ave	0.1735	0.1673		19.3	20.0	-3.6	30.0
Tert-amyl methyl ether	Ave	0.9236	0.9409		20.4	20.0	1.9	30.0
1,2-Dichloroethane	Ave	0.4224	0.3958	0.1000	18.7	20.0	-6.3	30.0
n-Heptane	Ave	0.2144	0.2070		19.3	20.0	-3.4	30.0
n-Butanol	Ave	1.505	1.465		487	500	-2.7	30.0
Trichloroethene	Ave	0.4080	0.3732	0.2000	18.3	20.0	-8.5	30.0
Methylcyclohexane	Ave	0.4620	0.4405	0.1000	19.1	20.0	-4.7	30.0
Ethyl acrylate	Ave	0.6827	0.6645		19.5	20.0	-2.7	30.0
1,2-Dichloropropane	Ave	0.3453	0.3267	0.1000	18.9	20.0	-5.4	30.0
Methyl methacrylate	Ave	0.1007	0.1008		40.0	40.0	0.0	30.0
1,4-Dioxane	Ave	1.023	0.9234		361	400	-9.7	30.0
Dibromomethane	Ave	0.2528	0.2554		20.2	20.0	1.0	30.0
n-Propyl acetate	Ave	0.3765	0.3649		19.4	20.0	-3.1	30.0
Bromodichloromethane	Ave	0.4960	0.4778	0.2000	19.3	20.0	-3.7	30.0
2-Nitropropane	Ave	0.0730	0.0664		36.4	40.0	-9.0	30.0
2-Chloroethyl vinyl ether	QuaF		0.0256		17.3	20.0	-13.7	30.0
Epichlorohydrin	Ave	0.2218	0.2166		19.5	20.0	-2.3	30.0
cis-1,3-Dichloropropene	Ave	0.6552	0.6052	0.2000	18.5	20.0	-7.6	30.0
4-Methyl-2-pentanone	Ave	2.005	2.036	0.0500	102	100	1.6	30.0
Toluene	Ave	1.743	1.593	0.4000	18.3	20.0	-8.6	30.0
trans-1,3-Dichloropropene	Ave	0.5820	0.5839	0.1000	20.1	20.0	0.3	30.0
Ethyl methacrylate	Ave	0.4424	0.4475		20.2	20.0	1.1	30.0
1,1,2-Trichloroethane	Ave	0.3301	0.3223	0.1000	19.5	20.0	-2.4	30.0
Tetrachloroethene	Ave	0.4805	0.4693	0.2000	19.5	20.0	-2.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
1,3-Dichloropropane	Ave	0.5716	0.5954		20.8	20.0	4.2	30.0
2-Hexanone	Ave	1.452	1.435	0.0500	98.8	100	-1.2	30.0
n-Butyl acetate	Ave	0.4244	0.4142		19.5	20.0	-2.4	30.0
Dibromochloromethane	Ave	0.4671	0.4716	0.1000	20.2	20.0	1.0	30.0
1,2-Dibromoethane	Ave	0.4078	0.4075	0.1000	20.0	20.0	-0.0	30.0
Chlorobenzene	Ave	1.124	1.096	0.5000	19.5	20.0	-2.5	30.0
Ethylbenzene	Ave	0.5846	0.5578	0.1000	19.1	20.0	-4.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3953	0.4187		21.2	20.0	5.9	30.0
m-Xylene & p-Xylene	Ave	0.7091	0.6705	0.1000	18.9	20.0	-5.4	30.0
o-Xylene	Ave	0.6968	0.6580	0.3000	18.9	20.0	-5.6	30.0
n-Butyl acrylate	Ave	0.2826	0.2923		20.7	20.0	3.5	30.0
Styrene	Ave	1.120	1.132	0.3000	20.2	20.0	1.0	30.0
Bromoform	Ave	0.3738	0.3579	0.1000	19.2	20.0	-4.2	30.0
Amyl acetate (mixed isomers)	Ave	0.8207	0.8279		20.2	20.0	0.9	30.0
Isopropylbenzene	Ave	1.659	1.636	0.1000	19.7	20.0	-1.4	30.0
Bromobenzene	Ave	0.9133	0.8909		19.5	20.0	-2.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8402	0.8888	0.3000	21.2	20.0	5.8	30.0
N-Propylbenzene	Ave	3.484	3.407		19.6	20.0	-2.2	30.0
1,2,3-Trichloropropane	Ave	0.2615	0.2702		20.7	20.0	3.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1984	0.2013		20.3	20.0	1.5	30.0
2-Chlorotoluene	Ave	2.301	2.258		19.6	20.0	-1.9	30.0
4-Ethyltoluene	Ave	2.921	2.935		20.1	20.0	0.5	30.0
1,3,5-Trimethylbenzene	Ave	2.310	2.279		19.7	20.0	-1.3	30.0
4-Chlorotoluene	Ave	2.287	2.273		19.9	20.0	-0.6	30.0
Butyl Methacrylate	Ave	0.8198	0.8405		20.5	20.0	2.5	30.0
tert-Butylbenzene	Ave	1.987	1.963		19.8	20.0	-1.2	30.0
1,2,4-Trimethylbenzene	Ave	2.383	2.314		19.4	20.0	-2.9	30.0
sec-Butylbenzene	Ave	2.811	2.755		19.6	20.0	-2.0	30.0
1,3-Dichlorobenzene	Ave	1.522	1.486	0.6000	19.5	20.0	-2.4	30.0
4-Isopropyltoluene	Ave	2.389	2.319		19.4	20.0	-2.9	30.0
1,4-Dichlorobenzene	Ave	1.554	1.510	0.5000	19.4	20.0	-2.8	30.0
1,2,3-Trimethylbenzene	Ave	2.426	2.386		19.7	20.0	-1.7	30.0
Benzyl chloride	Ave	1.511	1.713		22.7	20.0	13.4	30.0
Indan	Ave	2.521	2.520		20.0	20.0	-0.0	30.0
p-Diethylbenzene	Ave	1.440	1.439		20.0	20.0	-0.1	30.0
n-Butylbenzene	Ave	1.118	1.100		19.7	20.0	-1.6	30.0
1,2-Dichlorobenzene	Ave	1.378	1.362	0.4000	19.8	20.0	-1.2	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.004	2.027		20.2	20.0	1.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2225	0.2120	0.0500	19.1	20.0	-4.7	30.0
1,3,5-Trichlorobenzene	Ave	0.9180	0.9226		20.1	20.0	0.5	30.0
1,2,4-Trichlorobenzene	Ave	0.8086	0.7974	0.2000	19.7	20.0	-1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
Hexachlorobutadiene	Ave	0.3808	0.4135		21.7	20.0	8.6	30.0
Naphthalene	Ave	2.092	2.028		19.4	20.0	-3.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6981	0.6775		19.4	20.0	-2.9	30.0
Dibromofluoromethane (Surr)	Ave	0.3061	0.3113		50.8	50.0	1.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2653		48.6	50.0	-2.9	30.0
Toluene-d8 (Surr)	Ave	1.145	1.158		50.6	50.0	1.2	30.0
Bromofluorobenzene	Ave	0.4443	0.4493		50.6	50.0	1.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675089.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-Feb-2024 04:14:15 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0172222-015
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:09:21 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 15-Feb-2024 12:09:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.312	1.313	-0.001	91	7052	20.0	32.5	
3 Chlorotrifluoroethene	116	1.417	1.418	-0.001	87	25816	20.0	29.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	42440	20.0	20.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	98	123670	20.0	21.5	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	12000	20.0	16.1	
6 Chloromethane	50	1.632	1.633	0.000	99	100660	20.0	19.0	
7 Vinyl chloride	62	1.716	1.716	0.000	83	132339	20.0	20.1	
8 Butadiene	54	1.742	1.743	-0.001	88	101038	20.0	18.6	
9 Bromomethane	94	2.015	2.010	0.005	98	41484	20.0	24.0	
10 Chloroethane	64	2.104	2.104	0.000	96	66643	20.0	20.7	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	97	177245	20.0	19.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	88	151653	20.0	21.5	
13 Pentane	72	2.345	2.346	-0.001	96	23529	40.0	35.2	
14 Ethanol	46	2.503	2.503	0.000	100	14537	800.0	736.8	
15 Ethyl ether	59	2.550	2.550	0.000	92	59219	20.0	17.7	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	92	58437	20.0	18.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	92	76049	20.0	19.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	88	123744	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	97	77121	20.0	19.7	
19 Acrolein	56	2.733	2.734	-0.001	49	18371	39.5	23.9	M
20 1,1-Dichloroethene	96	2.765	2.765	0.000	86	77479	20.0	18.0	
22 Acetone	43	2.864	2.865	-0.001	90	98570	100.0	83.7	
23 Iodomethane	142	2.927	2.928	-0.001	98	87336	20.0	14.5	
25 Isopropyl alcohol	45	2.953	2.959	-0.006	37	42510	200.0	189.5	
24 Carbon disulfide	76	2.959	2.959	0.000	98	227744	20.0	16.1	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	80	49061	20.0	19.0	
28 Methyl acetate	43	3.121	3.127	-0.006	95	102435	40.0	37.5	
29 Cyclopentene	67	3.132	3.132	0.000	93	149769	20.0	17.6	
26 Acetonitrile	41	3.179	3.179	0.000	98	89815	200.0	185.8	
* 31 TBA-d9 (IS)	66	3.231	3.232	-0.001	97	65790	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	3.247	3.247	0.000	65	95558	20.0	18.4	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	79157	200.0	189.1	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	224960	20.0	19.4	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	80	88850	20.0	18.4	
33 Acrylonitrile	53	3.535	3.536	-0.001	95	307097	200.0	185.0	
36 Hexane	57	3.625	3.630	-0.005	85	73620	20.0	18.3	
40 Isopropyl ether	45	3.861	3.861	0.000	95	196393	20.0	19.4	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	94	138867	20.0	18.4	
38 Vinyl acetate	86	3.918	3.913	0.005	99	36280	40.0	58.2	
39 2-Chloro-1,3-butadiene	88	3.944	3.945	-0.001	83	81805	20.0	20.1	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	90	220914	20.0	20.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	91	369103	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	69	32720	20.0	20.2	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	88	104300	20.0	19.0	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	99	57914	100.0	95.3	
47 Ethyl acetate	70	4.511	4.511	0.000	97	19457	40.0	39.5	
48 Methyl acrylate	55	4.568	4.569	-0.001	99	74396	20.0	19.6	
46 Propionitrile	54	4.647	4.647	0.000	98	120950	200.0	184.5	
49 Chlorobromomethane	128	4.736	4.736	0.000	76	51620	20.0	18.7	
51 Tetrahydrofuran	72	4.736	4.736	0.000	77	24288	40.0	39.4	
50 Methacrylonitrile	67	4.768	4.768	0.000	82	392037	200.0	192.9	
52 Chloroform	83	4.799	4.799	0.000	94	156224	20.0	19.4	
55 Cyclohexane	84	4.941	4.941	0.000	82	109046	20.0	18.7	
54 1,1,1-Trichloroethane	97	4.956	4.957	-0.001	91	130073	20.0	18.8	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	97	195761	50.0	50.8	
56 Carbon tetrachloride	117	5.093	5.093	0.000	89	120405	20.0	18.9	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	108994	20.0	17.9	
59 Isobutyl alcohol	43	5.287	5.282	0.005	95	101763	500.0	502.8	
62 Isooctane	57	5.334	5.329	0.005	99	163904	20.0	21.2	a
60 Benzene	78	5.360	5.360	0.000	94	331265	20.0	19.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	166838	50.0	48.6	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	236708	20.0	20.4	
63 Isopropyl acetate	61	5.444	5.444	0.000	82	42091	20.0	19.3	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	91	99561	20.0	18.7	
66 n-Heptane	43	5.549	5.549	0.000	83	52081	20.0	19.3	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	628924	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	79	48188	500.0	486.5	
67 Trichloroethene	95	6.110	6.110	0.000	92	93879	20.0	18.3	
70 Methylcyclohexane	83	6.257	6.257	0.000	83	110807	20.0	19.1	
69 Ethyl acrylate	55	6.267	6.267	0.000	97	167167	20.0	19.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	92	82195	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	57921	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	78	50694	40.0	40.0	
74 1,4-Dioxane	88	6.587	6.587	0.000	59	21393	400.0	361.0	
72 Dibromomethane	93	6.603	6.603	0.000	93	64260	20.0	20.2	
76 n-Propyl acetate	43	6.629	6.629	0.000	94	91801	20.0	19.4	
77 Dichlorobromomethane	83	6.786	6.786	0.000	94	120193	20.0	19.3	
78 2-Nitropropane	41	7.195	7.190	0.005	91	33408	40.0	36.4	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	65	6443	20.0	17.3	
80 Epichlorohydrin	57	7.321	7.321	0.000	86	6396	20.0	19.5	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	81	137259	20.0	18.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	91	300606	100.0	101.6	

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	7.678	7.678	0.000	98	656711	50.0	50.6	
84 Toluene	91	7.772	7.772	0.000	92	361244	20.0	18.3	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	92	132445	20.0	20.1	
86 Ethyl methacrylate	69	8.254	8.249	0.005	83	101495	20.0	20.2	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	95	73096	20.0	19.5	
88 Tetrachloroethene	166	8.501	8.496	0.005	97	106450	20.0	19.5	
89 1,3-Dichloropropane	76	8.710	8.711	-0.001	86	135041	20.0	20.8	
90 2-Hexanone	43	8.800	8.805	-0.005	90	211835	100.0	98.8	
93 n-Butyl acetate	43	8.952	8.947	0.005	96	93950	20.0	19.5	
91 Chlorodibromomethane	129	8.983	8.983	0.000	96	106953	20.0	20.2	
92 Ethylene Dibromide	107	9.167	9.162	0.005	98	92415	20.0	20.0	
* 94 Chlorobenzene-d5	117	9.832	9.833	-0.001	82	567024	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	248556	20.0	19.5	
97 Ethylbenzene	106	10.016	10.016	0.000	97	126511	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	54	94958	20.0	21.2	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	96	152071	20.0	18.9	
99 o-Xylene	106	10.855	10.850	0.005	95	149245	20.0	18.9	
101 n-Butyl acrylate	73	10.871	10.871	0.000	96	66307	20.0	20.7	
100 Styrene	104	10.902	10.902	0.000	97	256708	20.0	20.2	
102 Bromoform	173	11.222	11.217	0.005	98	81186	20.0	19.2	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	104177	20.0	20.2	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	370982	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	254791	50.0	50.6	
106 Bromobenzene	156	11.877	11.878	-0.001	87	112104	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	11.966	11.967	-0.001	95	111842	20.0	21.2	
110 N-Propylbenzene	91	11.998	11.993	0.005	100	428666	20.0	19.6	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	93	34002	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	92	25337	20.0	20.3	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	284105	20.0	19.6	
112 4-Ethyltoluene	105	12.150	12.150	0.000	99	369348	20.0	20.1	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	286842	20.0	19.7	
113 4-Chlorotoluene	91	12.270	12.271	-0.001	96	286031	20.0	19.9	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	105771	20.0	20.5	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	247052	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	96	291224	20.0	19.4	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	346636	20.0	19.6	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	186998	20.0	19.5	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	291843	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	314590	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	190021	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	97	300206	20.0	19.7	
124 Benzyl chloride	91	13.261	13.262	-0.001	100	215610	20.0	22.7	
125 2,3-Dihydroindene	117	13.324	13.325	-0.001	90	317144	20.0	20.0	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	95	181035	20.0	20.0	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	138410	20.0	19.7	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	98	171349	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	96	255027	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	88	26674	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	96	116098	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	92	100347	20.0	19.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	52038	20.0	21.7	
134 Naphthalene	128	15.091	15.092	-0.001	99	255159	20.0	19.4	

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	15.280	15.280	0.000	92	85254	20.0	19.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.4	
S 137 Xylenes, Total	100				0		40.0	37.8	
S 140 Total BTEX	1				0		100.0	94.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00161	Amount Added:	4.00	Units: uL	
7 Freons SS_00010	Amount Added:	20.00	Units: uL	
GAS C SP_00554	Amount Added:	20.00	Units: uL	
8260 SP_00176	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:09:44 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675089.D

Injection Date: 13-Feb-2024 04:14:15 Instrument ID: CVOAMS15

Lims ID: ICV

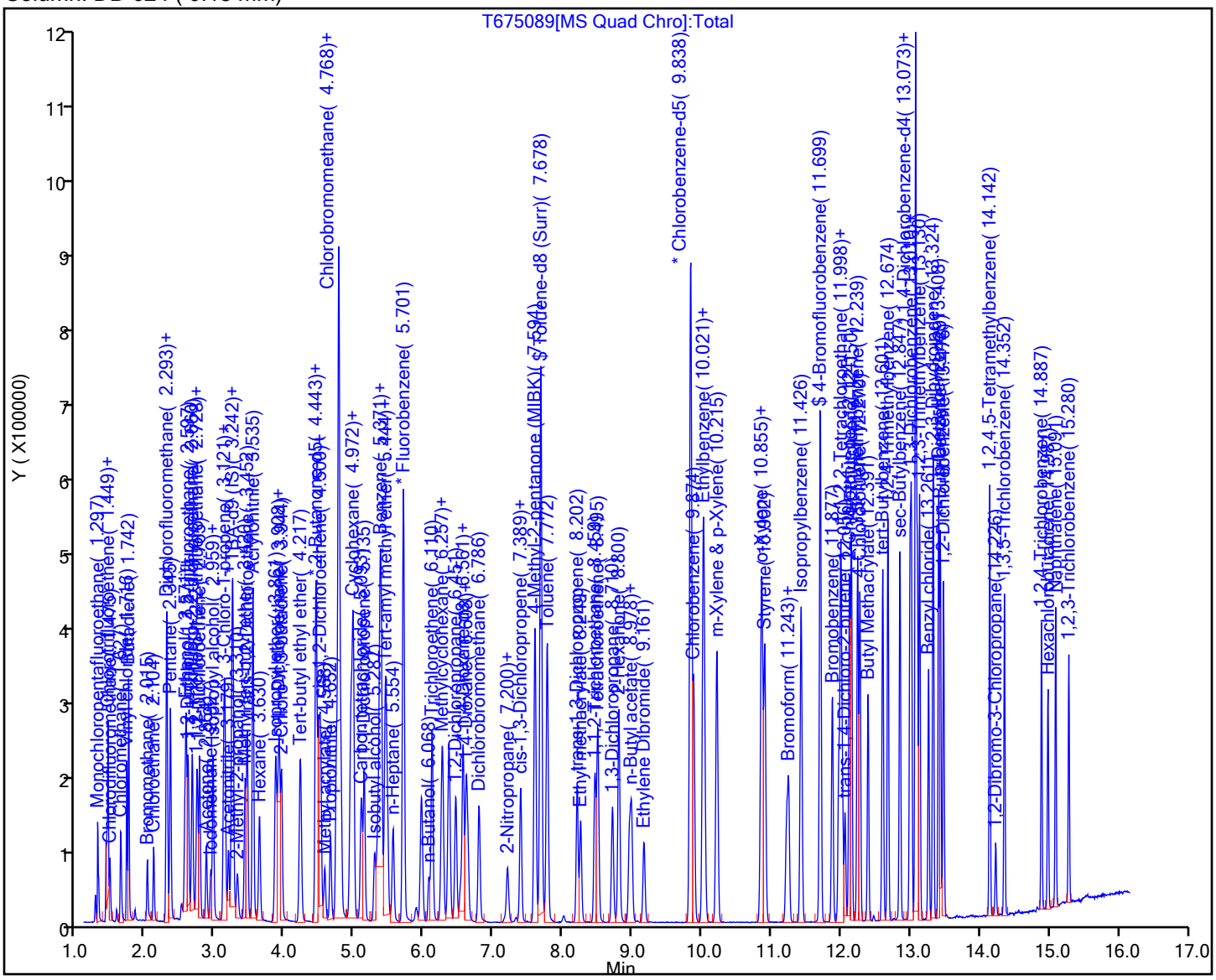
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

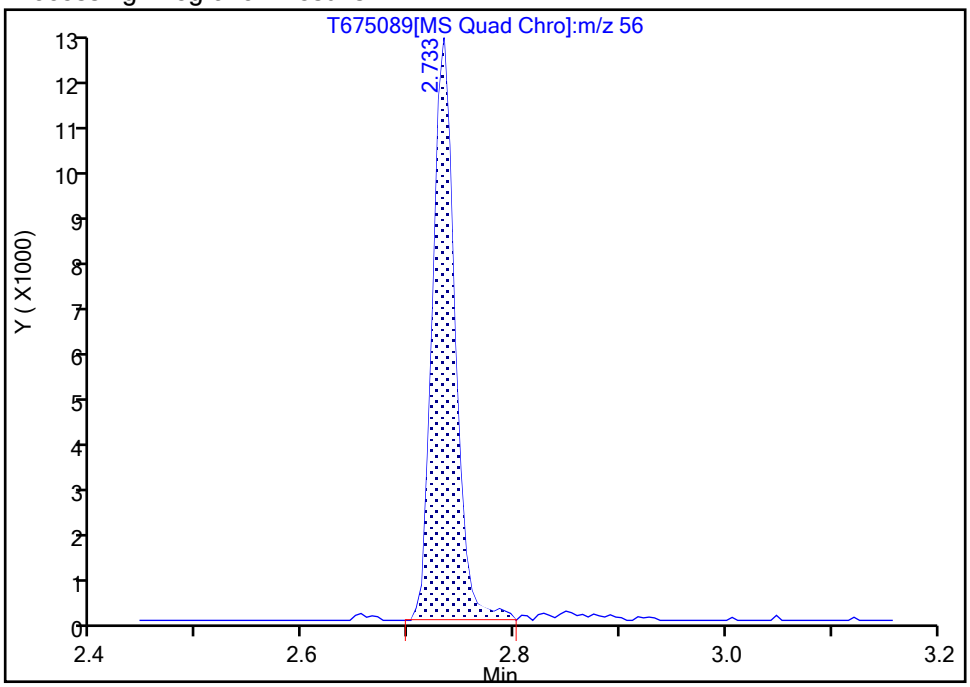
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Injection Date: 13-Feb-2024 04:14:15 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

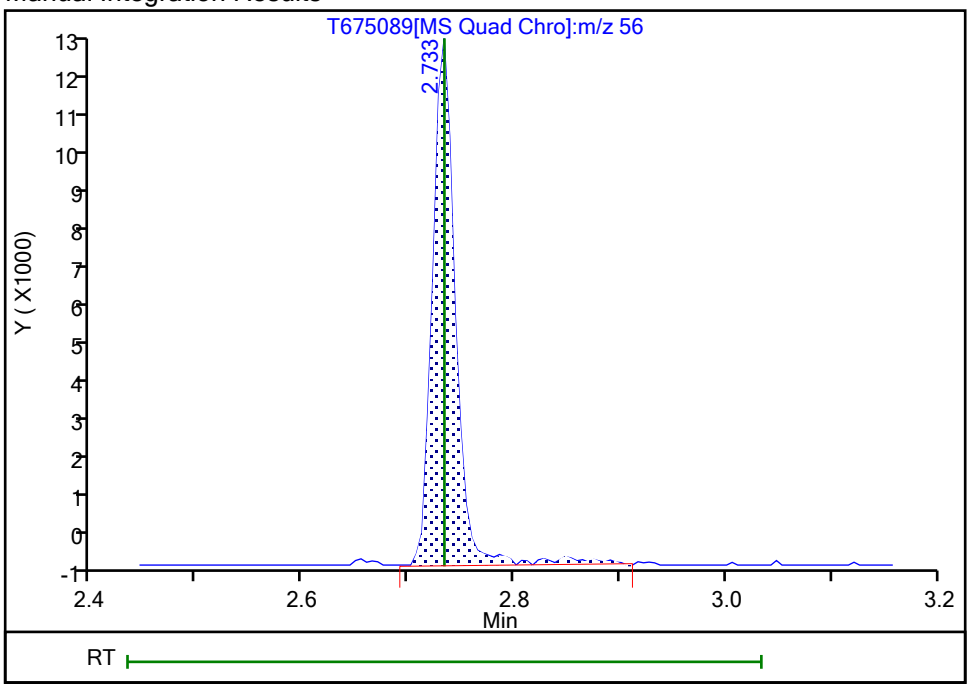
Processing Integration Results

RT: 2.73
Area: 17748
Amount: 23.085267
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 18371
Amount: 23.895619
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 04:39:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

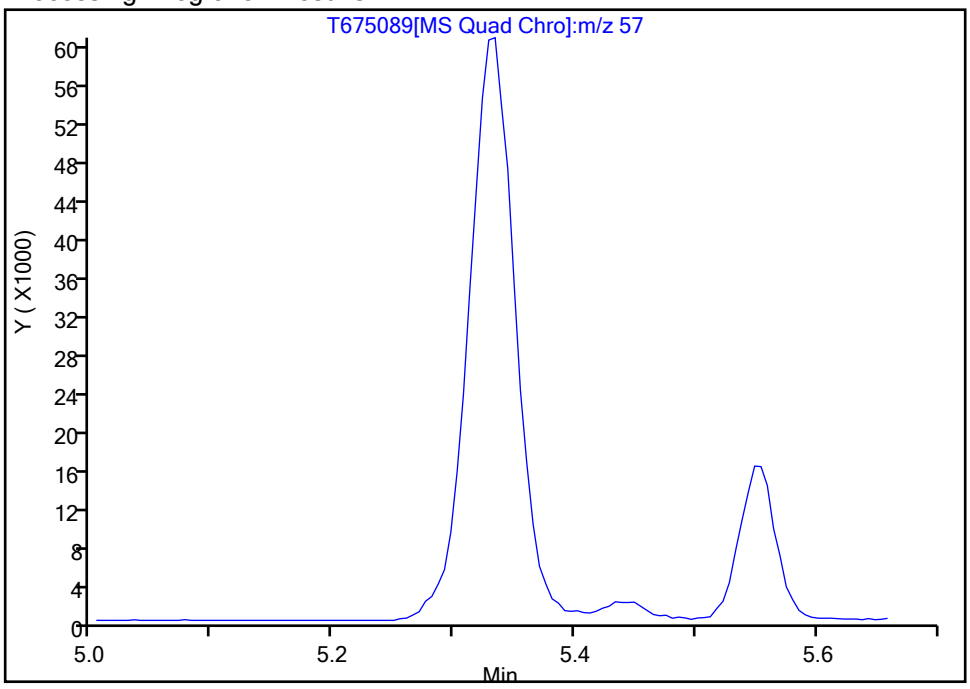
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675089.D
Injection Date: 13-Feb-2024 04:14:15 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

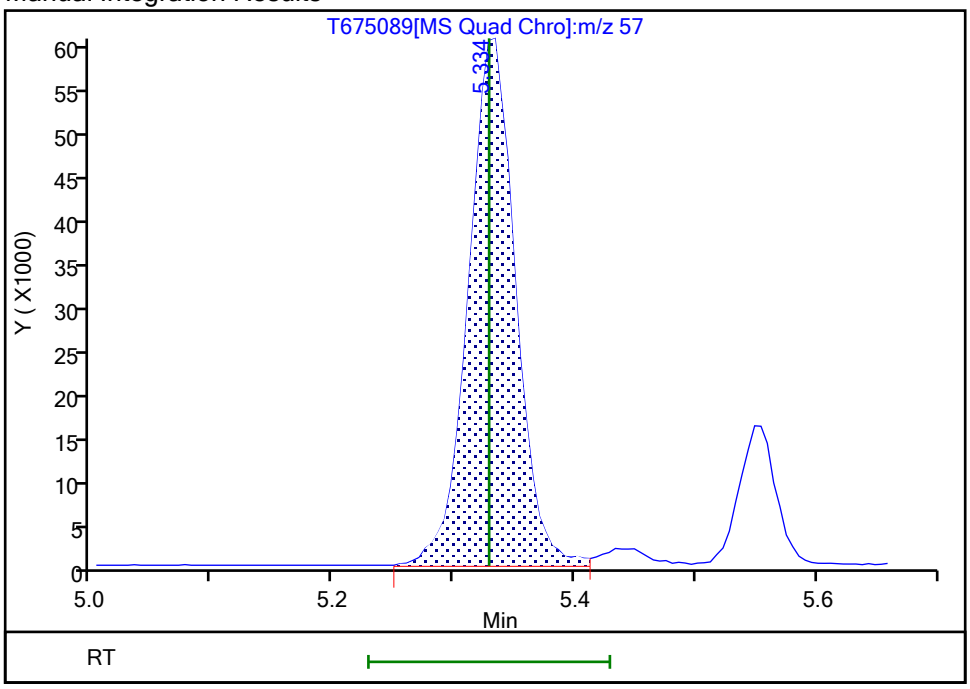
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 163904
Amount: 21.220726
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 04:37:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
Monochloropentafluoroethane	Ave	0.0173	0.0074		8.59	20.0	-57.1*	20.0
Chlorotrifluoroethene	Ave	0.0691	0.0327		9.47	20.0	-52.7*	20.0
1,1-Difluoroethane	Ave	0.1613	0.1272		15.8	20.0	-21.2*	20.0
Dichlorodifluoromethane	Ave	0.4567	0.3075	0.1000	13.5	20.0	-32.7*	20.0
Chlorodifluoromethane	Ave	0.0592	0.0461		15.5	20.0	-22.3*	20.0
Chloromethane	Ave	0.4212	0.3395	0.1000	16.1	20.0	-19.4	20.0
Vinyl chloride	Ave	0.5237	0.4199	0.1000	16.0	20.0	-19.8	20.0
Butadiene	Ave	0.4309	0.3600		16.7	20.0	-16.5	20.0
Bromomethane	QuaF		0.1109	0.1000	16.6	20.0	-17.2	50.0
Chloroethane	Ave	2.176	2.029	0.1000	18.6	20.0	-6.8	50.0
Dichlorofluoromethane	Ave	0.7109	0.6763		19.0	20.0	-4.9	20.0
Trichlorofluoromethane	Ave	0.5614	0.4939	0.1000	17.6	20.0	-12.0	20.0
Pentane	Ave	0.0531	0.0424		31.9	40.0	-20.3*	20.0
Ethanol	Ave	0.2999	0.3940		1050	800	31.4	50.0
Ethyl ether	Lin2		0.2643		19.9	20.0	-0.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2511	0.2409		19.2	20.0	-4.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3111	0.2408		15.5	20.0	-22.6*	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5040	0.3960		15.7	20.0	-21.4*	20.0
Freon TF	Ave	0.3109	0.2471	0.1000	15.9	20.0	-20.5*	20.0
Acrolein	Ave	0.0611	0.0703		46.0	40.0	15.1	50.0
1,1-Dichloroethene	Ave	0.3423	0.2910	0.1000	17.0	20.0	-15.0	20.0
Acetone	Ave	0.7978	0.7051	0.0500	88.4	100	-11.6	50.0
Iodomethane	QuaF		0.3260		13.6	20.0	-32.0*	20.0
Isopropyl alcohol	Ave	3.410	4.261		250	200	24.9	50.0
Carbon disulfide	Ave	1.128	0.9626	0.1000	17.1	20.0	-14.6	50.0
3-Chloro-1-propene	Ave	0.2050	0.2071		20.2	20.0	1.0	20.0
Methyl acetate	Ave	0.2173	0.2221	0.1000	40.9	40.0	2.2	20.0
Cyclopentene	Ave	0.6782	0.5985		17.6	20.0	-11.8	20.0
Acetonitrile	Ave	0.3274	0.3707		226	200	13.2	20.0
Methylene Chloride	Ave	0.4121	0.3626	0.1000	17.6	20.0	-12.0	20.0
2-Methyl-2-propanol	Ave	6.363	7.133		224	200	12.1	50.0
MTBE	Ave	0.9232	0.9004	0.1000	19.5	20.0	-2.5	20.0
trans-1,2-Dichloroethene	Ave	0.3846	0.3244	0.1000	16.9	20.0	-15.7	20.0
Acrylonitrile	Ave	0.1320	0.1373		208	200	4.0	20.0
Hexane	Ave	0.3200	0.2769		17.3	20.0	-13.5	20.0
Isopropyl ether	Ave	0.8068	0.8700		21.6	20.0	7.8	20.0
1,1-Dichloroethane	Ave	0.6015	0.5595	0.2000	18.6	20.0	-7.0	20.0
Vinyl acetate	Ave	0.4219	0.6131		58.1	40.0	45.3*	20.0
2-Chloro-1,3-butadiene	Ave	0.3228	0.2822		17.5	20.0	-12.6	20.0
Tert-butyl ethyl ether	Ave	0.8760	0.8697		19.9	20.0	-0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
2,2-Dichloropropane	Ave	0.1286	0.1201		18.7	20.0	-6.6	20.0
cis-1,2-Dichloroethene	Ave	0.4361	0.3669	0.1000	16.8	20.0	-15.9	20.0
2-Butanone	Ave	0.4115	0.3565	0.0500	86.6	100	-13.4	50.0
Ethyl acetate	Ave	0.3334	0.2883		34.6	40.0	-13.5	20.0
Methyl acrylate	Ave	0.3015	0.2950		19.6	20.0	-2.2	20.0
Propionitrile	Ave	0.0521	0.0534		205	200	2.5	20.0
Tetrahydrofuran	Ave	0.4174	0.3737		35.8	40.0	-10.5	20.0
Chlorobromomethane	Ave	0.2189	0.1804		16.5	20.0	-17.6	20.0
Methacrylonitrile	Ave	0.1616	0.1511		187	200	-6.5	20.0
Chloroform	Ave	0.6410	0.5572	0.2000	17.4	20.0	-13.1	20.0
Cyclohexane	Ave	0.4628	0.3715	0.1000	16.1	20.0	-19.7	50.0
1,1,1-Trichloroethane	Ave	0.5514	0.4705	0.1000	17.1	20.0	-14.7	20.0
Carbon tetrachloride	Ave	0.5065	0.4346	0.1000	17.2	20.0	-14.2	20.0
1,1-Dichloropropene	Ave	0.4853	0.4107		16.9	20.0	-15.4	20.0
Isobutyl alcohol	Ave	3.076	3.115		506	500	1.3	50.0
Isooctane	Ave	0.6140	0.5215		17.0	20.0	-15.1	20.0
Benzene	Ave	1.537	1.639	0.5000	21.3	20.0	6.6	20.0
Isopropyl acetate	Ave	0.1735	0.1648		19.0	20.0	-5.0	20.0
Tert-amyl methyl ether	Ave	0.9236	0.8522		18.5	20.0	-7.7	20.0
1,2-Dichloroethane	Ave	0.4224	0.3740	0.1000	17.7	20.0	-11.5	20.0
n-Heptane	Ave	0.2144	0.1960		18.3	20.0	-8.5	20.0
n-Butanol	Ave	1.505	1.848		614	500	22.8	50.0
Trichloroethene	Ave	0.4080	0.3330	0.2000	16.3	20.0	-18.4	20.0
Methylcyclohexane	Ave	0.4620	0.3801	0.1000	16.5	20.0	-17.7	50.0
Ethyl acrylate	Ave	0.6827	0.6407		18.8	20.0	-6.1	20.0
1,2-Dichloropropane	Ave	0.3453	0.3194	0.1000	18.5	20.0	-7.5	20.0
Methyl methacrylate	Ave	0.1007	0.0866		34.4	40.0	-14.1	20.0
1,4-Dioxane	Ave	1.023	1.251		489	400	22.2	50.0
Dibromomethane	Ave	0.2528	0.2154		17.0	20.0	-14.8	20.0
n-Propyl acetate	Ave	0.3765	0.3744		19.9	20.0	-0.6	20.0
Bromodichloromethane	Ave	0.4960	0.4388	0.2000	17.7	20.0	-11.5	20.0
2-Nitropropane	Ave	0.0730	0.0695		38.1	40.0	-4.8	20.0
2-Chloroethyl vinyl ether	QuaF		0.0294		19.9	20.0	-0.9	20.0
Epichlorohydrin	Ave	0.2218	0.2139		386	400	-3.6	20.0
cis-1,3-Dichloropropene	Ave	0.6552	0.7169	0.2000	21.9	20.0	9.4	50.0
4-Methyl-2-pentanone	Ave	2.005	2.017	0.0500	101	100	0.6	50.0
Toluene	Ave	1.743	1.740	0.4000	20.0	20.0	-0.2	20.0
trans-1,3-Dichloropropene	Ave	0.5820	0.6482	0.1000	22.3	20.0	11.4	50.0
Ethyl methacrylate	Ave	0.4424	0.4921		22.2	20.0	11.2	20.0
1,1,2-Trichloroethane	Ave	0.3301	0.3408	0.1000	20.7	20.0	3.3	20.0
Tetrachloroethene	Ave	0.4805	0.4575	0.2000	19.0	20.0	-4.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
1,3-Dichloropropane	Ave	0.5716	0.6458		22.6	20.0	13.0	20.0
2-Hexanone	Ave	1.452	1.405	0.0500	96.7	100	-3.3	50.0
n-Butyl acetate	Ave	0.4244	0.5155		24.3	20.0	21.5*	20.0
Dibromochloromethane	Ave	0.4671	0.4722	0.1000	20.2	20.0	1.1	50.0
1,2-Dibromoethane	Ave	0.4078	0.4092	0.1000	20.1	20.0	0.4	20.0
Chlorobenzene	Ave	1.124	1.129	0.5000	20.1	20.0	0.4	20.0
Ethylbenzene	Ave	0.5846	0.5982	0.1000	20.5	20.0	2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3953	0.4217		21.3	20.0	6.7	20.0
m-Xylene & p-Xylene	Ave	0.7091	0.7236	0.1000	20.4	20.0	2.0	20.0
o-Xylene	Ave	0.6968	0.7126	0.3000	20.5	20.0	2.3	20.0
n-Butyl acrylate	Ave	0.2826	0.3116		22.1	20.0	10.3	20.0
Styrene	Ave	1.120	1.174	0.3000	21.0	20.0	4.8	20.0
Bromoform	Ave	0.3738	0.3521	0.1000	18.8	20.0	-5.8	20.0
Amyl acetate (mixed isomers)	Ave	0.8207	1.088		26.5	20.0	32.6*	20.0
Isopropylbenzene	Ave	1.659	1.785	0.1000	21.5	20.0	7.6	20.0
Bromobenzene	Ave	0.9133	0.9504		20.8	20.0	4.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8402	0.996	0.3000	23.7	20.0	18.6	20.0
N-Propylbenzene	Ave	3.484	4.170		23.9	20.0	19.7	20.0
1,2,3-Trichloropropane	Ave	0.2615	0.2918		22.3	20.0	11.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1984	0.2398		24.2	20.0	20.8*	20.0
2-Chlorotoluene	Ave	2.301	2.675		23.3	20.0	16.3	20.0
4-Ethyltoluene	Ave	2.921	3.439		23.6	20.0	17.8	20.0
1,3,5-Trimethylbenzene	Ave	2.310	2.714		23.5	20.0	17.5	20.0
4-Chlorotoluene	Ave	2.287	2.659		23.3	20.0	16.3	20.0
Butyl Methacrylate	Ave	0.8198	0.9456		23.1	20.0	15.3	20.0
tert-Butylbenzene	Ave	1.987	2.321		23.4	20.0	16.8	20.0
1,2,4-Trimethylbenzene	Ave	2.383	2.811		23.6	20.0	18.0	20.0
sec-Butylbenzene	Ave	2.811	3.349		23.8	20.0	19.2	20.0
1,3-Dichlorobenzene	Ave	1.522	1.647	0.6000	21.6	20.0	8.2	20.0
4-Isopropyltoluene	Ave	2.389	2.832		23.7	20.0	18.5	20.0
1,4-Dichlorobenzene	Ave	1.554	1.627	0.5000	20.9	20.0	4.7	20.0
1,2,3-Trimethylbenzene	Ave	2.426	2.776		22.9	20.0	14.4	20.0
Benzyl chloride	Ave	1.511	1.864		24.7	20.0	23.4	50.0
Indan	Ave	2.521	2.768		22.0	20.0	9.8	20.0
p-Diethylbenzene	Ave	1.440	1.677		23.3	20.0	16.4	20.0
n-Butylbenzene	Ave	1.118	1.348		24.1	20.0	20.6*	20.0
1,2-Dichlorobenzene	Ave	1.378	1.474	0.4000	21.4	20.0	7.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.004	2.330		23.3	20.0	16.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2225	0.2332	0.0500	21.0	20.0	4.8	50.0
1,3,5-Trichlorobenzene	Ave	0.9180	0.9820		21.4	20.0	7.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8086	0.8381	0.2000	20.7	20.0	3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
Hexachlorobutadiene	Ave	0.3808	0.4017		21.1	20.0	5.5	20.0
Naphthalene	Ave	2.092	2.248		21.5	20.0	7.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6981	0.7141		20.5	20.0	2.3	20.0
Dibromofluoromethane (Surr)	Ave	0.3061	0.2630		43.0	50.0	-14.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2749		50.3	50.0	0.6	20.0
Toluene-d8 (Surr)	Ave	1.145	1.278		55.8	50.0	11.7	20.0
Bromofluorobenzene	Ave	0.4443	0.4085		46.0	50.0	-8.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675581.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-Feb-2024 07:00:18 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0172710-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:21:59 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 07:28:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	39	2043	20.0	8.59	
3 Chlorotrifluoroethene	116	1.417	1.417	0.000	94	9004	20.0	9.47	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	35022	20.0	15.8	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	84676	20.0	13.5	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	12683	20.0	15.5	
6 Chloromethane	50	1.632	1.632	0.000	89	93491	20.0	16.1	
7 Vinyl chloride	62	1.716	1.716	0.000	84	115641	20.0	16.0	
8 Butadiene	54	1.742	1.742	0.000	91	99136	20.0	16.7	
9 Bromomethane	94	2.010	2.010	0.000	96	30527	20.0	16.6	
10 Chloroethane	64	2.104	2.104	0.000	96	70248	20.0	18.6	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	186246	20.0	19.0	
12 Trichlorofluoromethane	101	2.293	2.293	0.000	69	136014	20.0	17.6	
13 Pentane	72	2.345	2.345	0.000	97	23327	40.0	31.9	
14 Ethanol	46	2.503	2.503	0.000	99	21743	800.0	1051.0	
15 Ethyl ether	59	2.550	2.550	0.000	93	72779	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	93	66341	20.0	19.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	85	66323	20.0	15.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	109051	20.0	15.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	68036	20.0	15.9	
19 Acrolein	56	2.733	2.733	0.000	81	38742	40.0	46.0	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	80147	20.0	17.0	
22 Acetone	43	2.859	2.859	0.000	90	122081	100.0	88.4	
23 Iodomethane	142	2.927	2.927	0.000	99	89775	20.0	13.6	
25 Isopropyl alcohol	45	2.954	2.954	0.000	39	58788	200.0	249.9	
24 Carbon disulfide	76	2.959	2.959	0.000	98	265077	20.0	17.1	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	86	57035	20.0	20.2	
28 Methyl acetate	43	3.121	3.121	0.000	95	122309	40.0	40.9	
29 Cyclopentene	67	3.132	3.132	0.000	94	164818	20.0	17.6	
26 Acetonitrile	41	3.179	3.179	0.000	99	128384	200.0	226.5	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	97	68989	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	3.247	3.247	0.000	69	99863	20.0	17.6	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	98416	200.0	224.2	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	247962	20.0	19.5	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	83	89327	20.0	16.9	
33 Acrylonitrile	53	3.530	3.530	0.000	95	378197	200.0	208.1	
36 Hexane	57	3.625	3.625	0.000	88	76246	20.0	17.3	
40 Isopropyl ether	45	3.861	3.861	0.000	96	239576	20.0	21.6	
37 1,1-Dichloroethane	63	3.892	3.892	0.000	94	154075	20.0	18.6	
38 Vinyl acetate	86	3.913	3.913	0.000	99	42462	40.0	58.1	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	77709	20.0	17.5	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	90	239506	20.0	19.9	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	87	432865	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	69	33085	20.0	18.7	
43 cis-1,2-Dichloroethene	96	4.479	4.479	0.000	93	101035	20.0	16.8	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	98	61728	100.0	86.6	
47 Ethyl acetate	70	4.506	4.506	0.000	96	19970	40.0	34.6	
48 Methyl acrylate	55	4.563	4.563	0.000	100	81236	20.0	19.6	
46 Propionitrile	54	4.647	4.647	0.000	99	147080	200.0	205.0	
51 Tetrahydrofuran	72	4.731	4.731	0.000	87	25884	40.0	35.8	
49 Chlorobromomethane	128	4.736	4.736	0.000	78	49690	20.0	16.5	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	416172	200.0	187.1	
52 Chloroform	83	4.799	4.799	0.000	94	153435	20.0	17.4	
55 Cyclohexane	84	4.936	4.936	0.000	86	102298	20.0	16.1	
54 1,1,1-Trichloroethane	97	4.956	4.956	0.000	91	129575	20.0	17.1	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.977	0.000	95	181038	50.0	43.0	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	119674	20.0	17.2	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	113098	20.0	16.9	
59 Isobutyl alcohol	43	5.282	5.282	0.000	96	107457	500.0	506.3	
62 Isooctane	57	5.329	5.329	0.000	99	143603	20.0	17.0	a
60 Benzene	78	5.360	5.360	0.000	96	348433	20.0	21.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	189240	50.0	50.3	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	82	234689	20.0	18.5	
63 Isopropyl acetate	61	5.439	5.439	0.000	87	45395	20.0	19.0	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	91	102992	20.0	17.7	
66 n-Heptane	43	5.549	5.549	0.000	87	53989	20.0	18.3	
* 65 Fluorobenzene	96	5.696	5.696	0.000	99	688475	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	63745	500.0	613.8	
67 Trichloroethene	95	6.110	6.110	0.000	95	91694	20.0	16.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	86	104682	20.0	16.5	a
69 Ethyl acrylate	55	6.267	6.267	0.000	97	176445	20.0	18.8	
71 1,2-Dichloropropane	63	6.451	6.451	0.000	93	87960	20.0	18.5	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	52949	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	81	47675	40.0	34.4	
74 1,4-Dioxane	88	6.587	6.587	0.000	64	26488	400.0	489.0	
72 Dibromomethane	93	6.603	6.603	0.000	94	59314	20.0	17.0	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	103115	20.0	19.9	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	120848	20.0	17.7	
78 2-Nitropropane	41	7.190	7.190	0.000	91	38278	40.0	38.1	
79 2-Chloroethyl vinyl ether	106	7.201	7.201	0.000	66	8113	20.0	19.9	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	148128	400.0	385.8	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	152428	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	93	349270	100.0	100.6	

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	7.678	7.678	0.000	98	679447	50.0	55.8	
84 Toluene	91	7.767	7.767	0.000	92	370046	20.0	20.0	
85 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	90	137808	20.0	22.3	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	104623	20.0	22.2	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	94	72465	20.0	20.7	
88 Tetrachloroethene	166	8.496	8.496	0.000	93	97264	20.0	19.0	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	85	137295	20.0	22.6	
90 2-Hexanone	43	8.800	8.800	0.000	93	243201	100.0	96.7	
93 n-Butyl acetate	43	8.952	8.952	0.000	97	109607	20.0	24.3	
91 Chlorodibromomethane	129	8.978	8.978	0.000	97	100389	20.0	20.2	
92 Ethylene Dibromide	107	9.161	9.161	0.000	95	87010	20.0	20.1	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	531526	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	96	240023	20.0	20.1	
97 Ethylbenzene	106	10.016	10.016	0.000	98	127184	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	10.027	10.027	0.000	48	89649	20.0	21.3	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	153837	20.0	20.4	
99 o-Xylene	106	10.850	10.850	0.000	94	151503	20.0	20.5	
101 n-Butyl acrylate	73	10.865	10.865	0.000	85	66252	20.0	22.1	
100 Styrene	104	10.902	10.902	0.000	96	249566	20.0	21.0	
102 Bromoform	173	11.212	11.212	0.000	96	74861	20.0	18.8	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	91	118812	20.0	26.5	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	379546	20.0	21.5	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	217133	50.0	46.0	
106 Bromobenzene	156	11.872	11.872	0.000	92	103772	20.0	20.8	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	94	108789	20.0	23.7	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	455320	20.0	23.9	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	31856	20.0	22.3	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	93	26177	20.0	24.2	
111 2-Chlorotoluene	91	12.119	12.119	0.000	97	292058	20.0	23.3	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	375533	20.0	23.6	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	296329	20.0	23.5	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	290323	20.0	23.3	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	103243	20.0	23.1	
116 tert-Butylbenzene	119	12.601	12.601	0.000	91	253410	20.0	23.4	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	306873	20.0	23.6	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	365656	20.0	23.8	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	179781	20.0	21.6	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	95	309192	20.0	23.7	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	272959	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	177589	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	303056	20.0	22.9	
124 Benzyl chloride	91	13.256	13.256	0.000	99	203556	20.0	24.7	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	302197	20.0	22.0	
127 p-Diethylbenzene	119	13.403	13.403	0.000	93	183057	20.0	23.3	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	147205	20.0	24.1	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	160953	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	97	254411	20.0	23.3	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	25459	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	107216	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	91502	20.0	20.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	80	43862	20.0	21.1	
134 Naphthalene	128	15.086	15.086	0.000	99	245477	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	92	77966	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.7	
S 137 Xylenes, Total	100				0		40.0	40.9	
S 140 Total BTEX	1				0		100.0	102.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

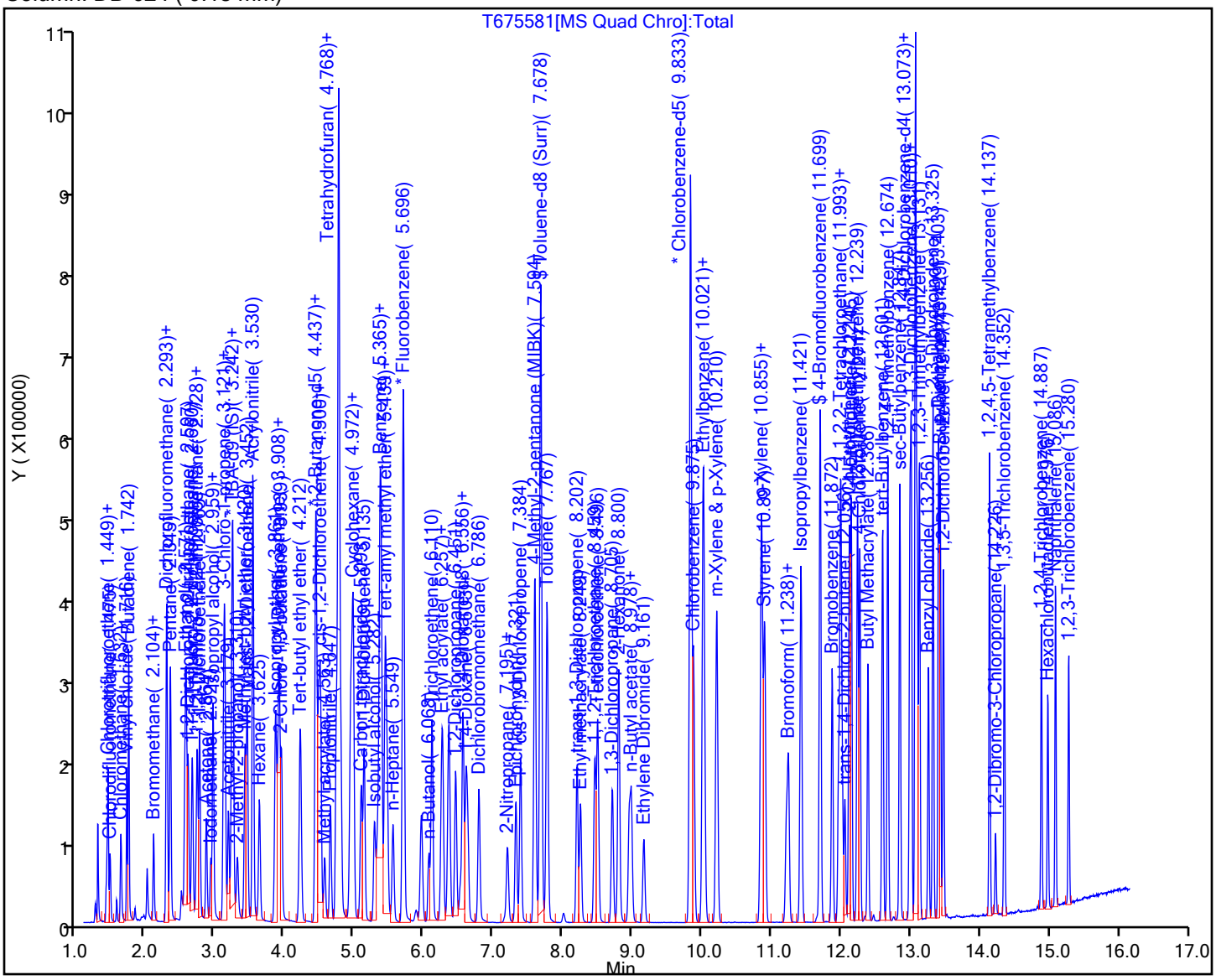
Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 14:22:01 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675581.D
Injection Date: 26-Feb-2024 07:00:18 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

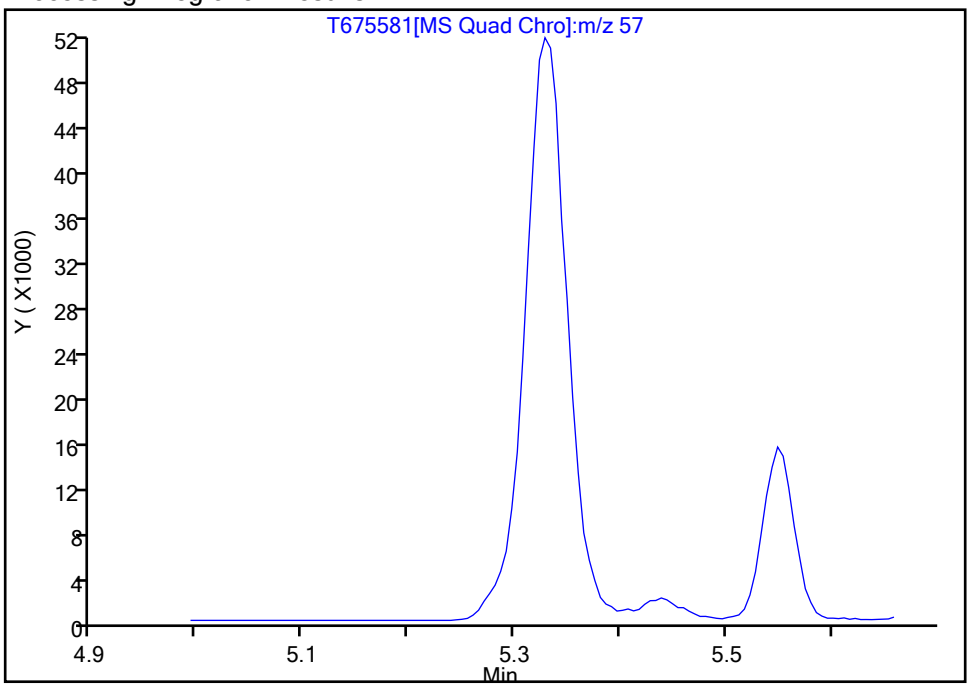
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Injection Date: 26-Feb-2024 07:00:18 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

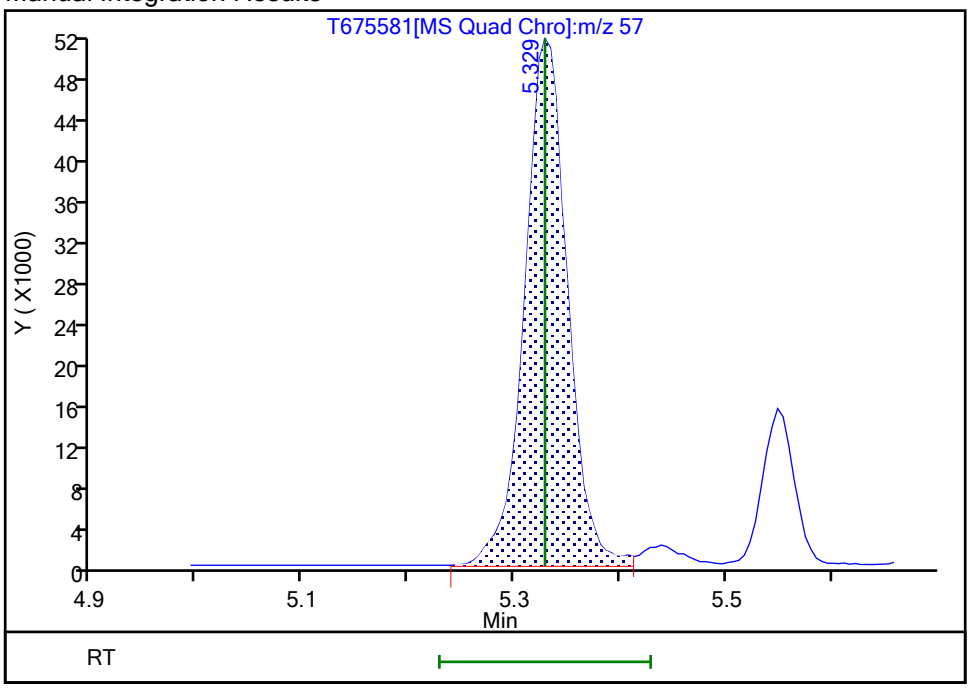
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 143603
Amount: 16.984165
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:46:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

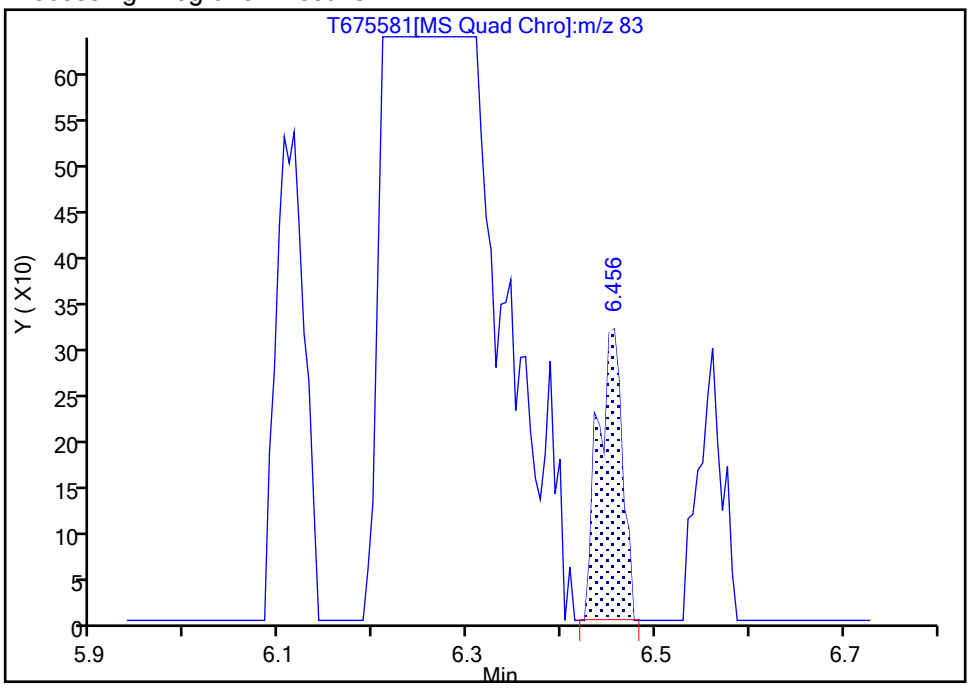
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Injection Date: 26-Feb-2024 07:00:18 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

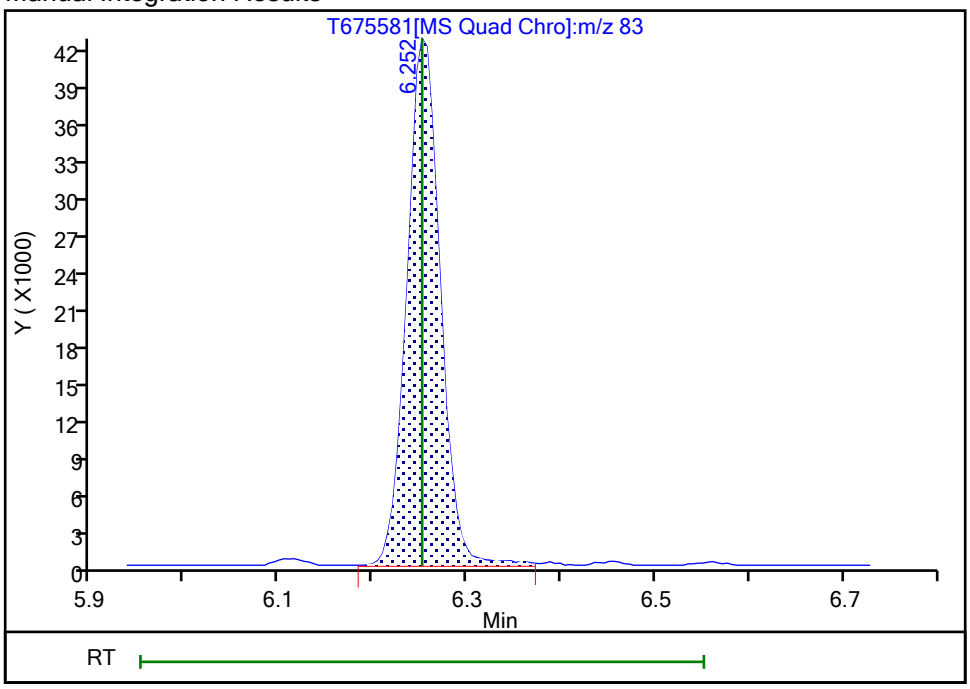
Processing Integration Results

RT: 6.46
Area: 566
Amount: 0.088970
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 104682
Amount: 16.455027
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:47:15 -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\CVOAMS15\20240212-172222.b\T675075a.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	12-Feb-2024 21:52:47	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0172222-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Feb-2024 15:06:56	Calib Date:	13-Feb-2024 02:20:26		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1654				
First Level Reviewer: HVW2		Date:	12-Feb-2024 22:17:50		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

Reagents:

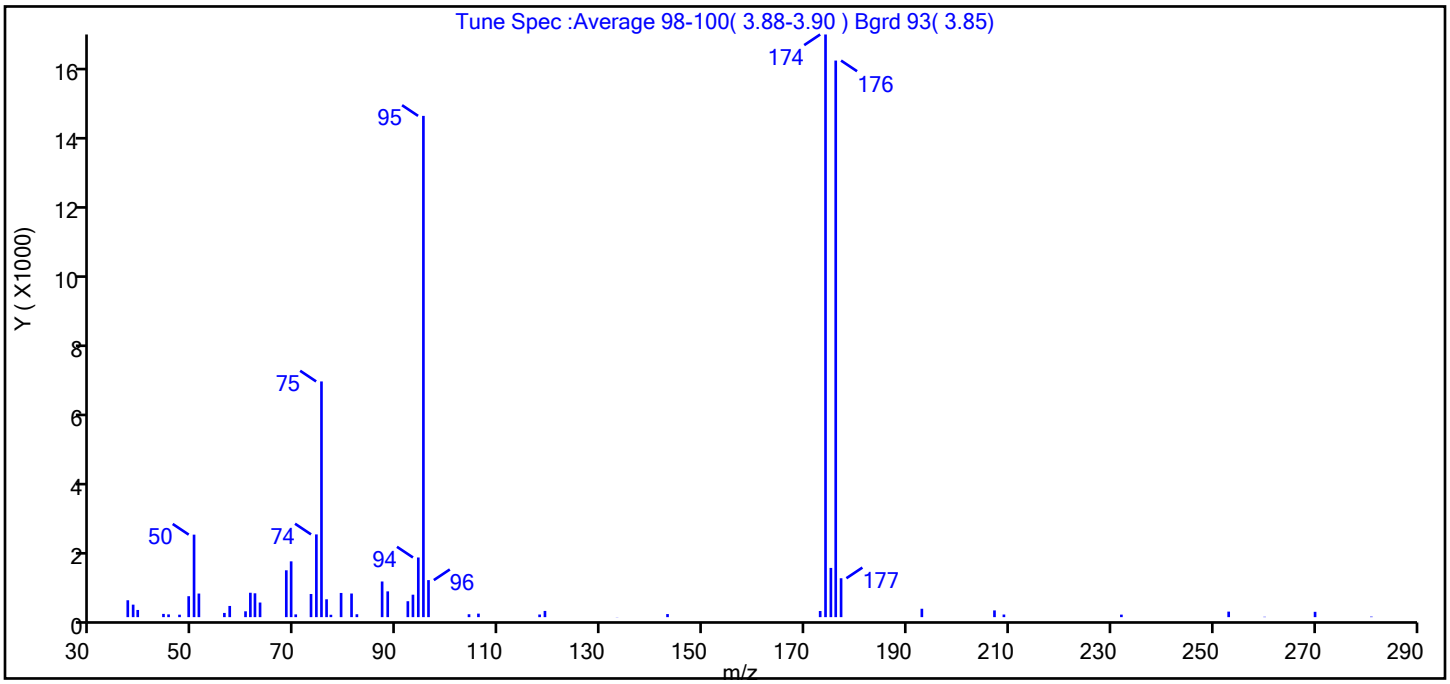
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675075a.D
Injection Date: 12-Feb-2024 21:52:47 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 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 (86.0)
96	5 to 9% of m/z 95	7.4
173	<2% of m/z 174	1.2 (1.0)
174	50 to 200% of m/z 95	116.2
175	5 to 9% of m/z 174	9.8 (8.4)
176	95 to 105% of m/z 174	111.0 (95.5)
177	5 to 10% of m/z 176	7.8 (7.0)

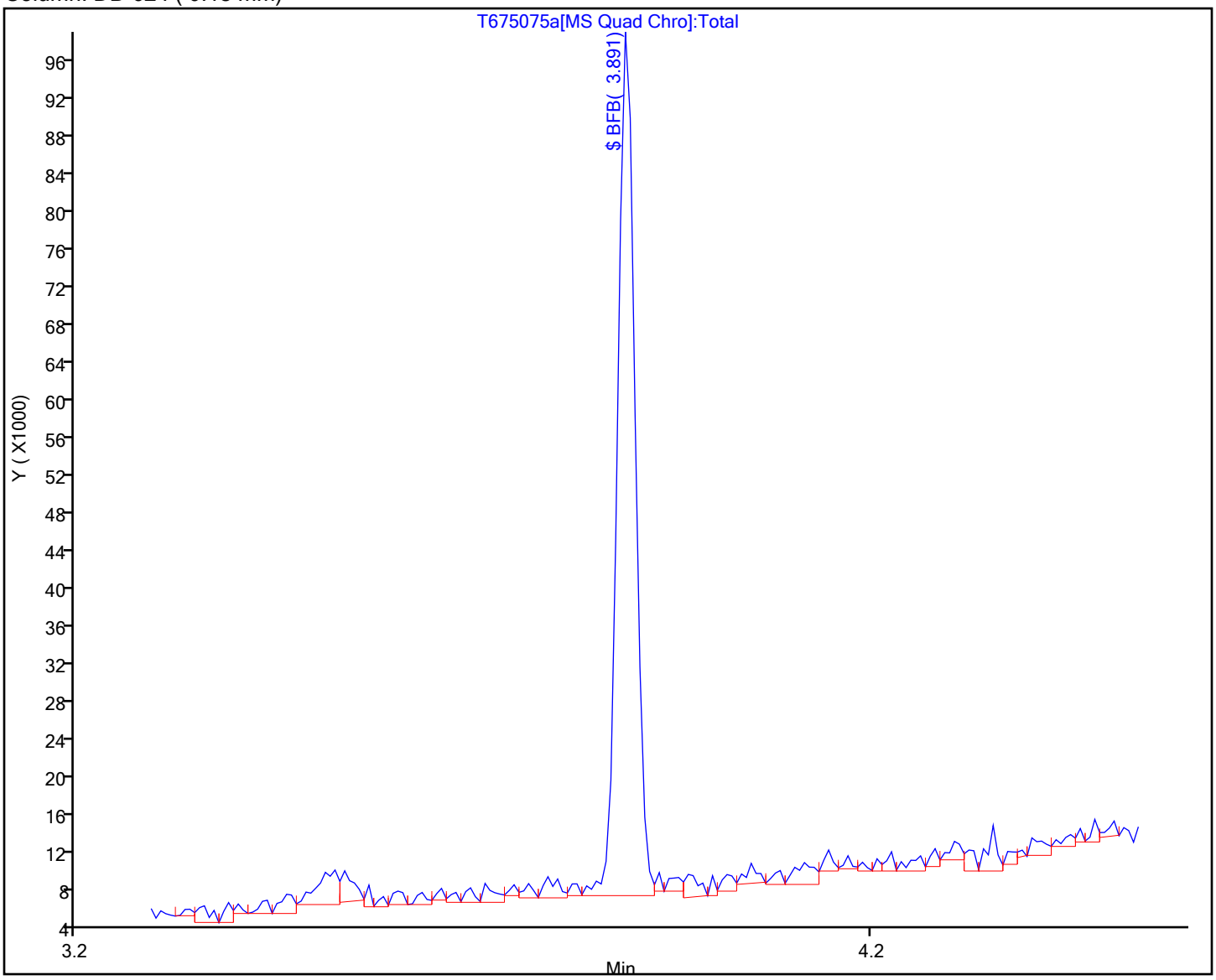
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675075a.D\8260W_15.rslt\spectra.d
Injection Date: 12-Feb-2024 21:52:47
Spectrum: Tune Spec :Average 98-100(3.88-3.90) Bgrd 93(3.85)
Base Peak: 173.95
Minimum % Base Peak: 0
Number of Points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	489	62.00	690	87.00	1032	173.00	177
38.00	362	63.00	423	88.00	746	174.00	16864
39.00	208	68.00	1356	92.00	461	175.00	1425
44.00	94	69.00	1615	93.00	650	176.00	16109
45.00	80	70.00	80	94.00	1727	177.00	1126
47.00	71	73.00	670	95.00	14508	193.00	243
49.00	606	74.00	2395	96.00	1072	207.00	195
50.00	2388	75.00	6822	104.00	84	209.00	76
51.00	683	76.00	517	106.00	102	232.00	73
56.00	122	77.00	69	118.00	76	253.00	160
57.00	324	79.00	700	119.00	180	260.00	10
60.00	169	81.00	684	133.00	4	270.00	154
61.00	706	82.00	84	143.00	89	281.00	15

Report Date: 14-Feb-2024 15:06:56 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675075a.D
Injection Date: 12-Feb-2024 21:52:47 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-961143/8

Matrix: Water | Lab File ID: T675586.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 08:57

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.: 961143 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-961143/8

Matrix: Water | Lab File ID: T675586.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 08:57

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	107		70-128
460-00-4	Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675586.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-Feb-2024 08:57:00 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172710-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:40

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	3.232	3.232	0.000	95	63779	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	425879	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	192609	50.0	44.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	204750	50.0	53.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	701303	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	49862	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	680185	50.0	56.5	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	525621	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	219739	50.0	47.0	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	276542	50.0	50.0	

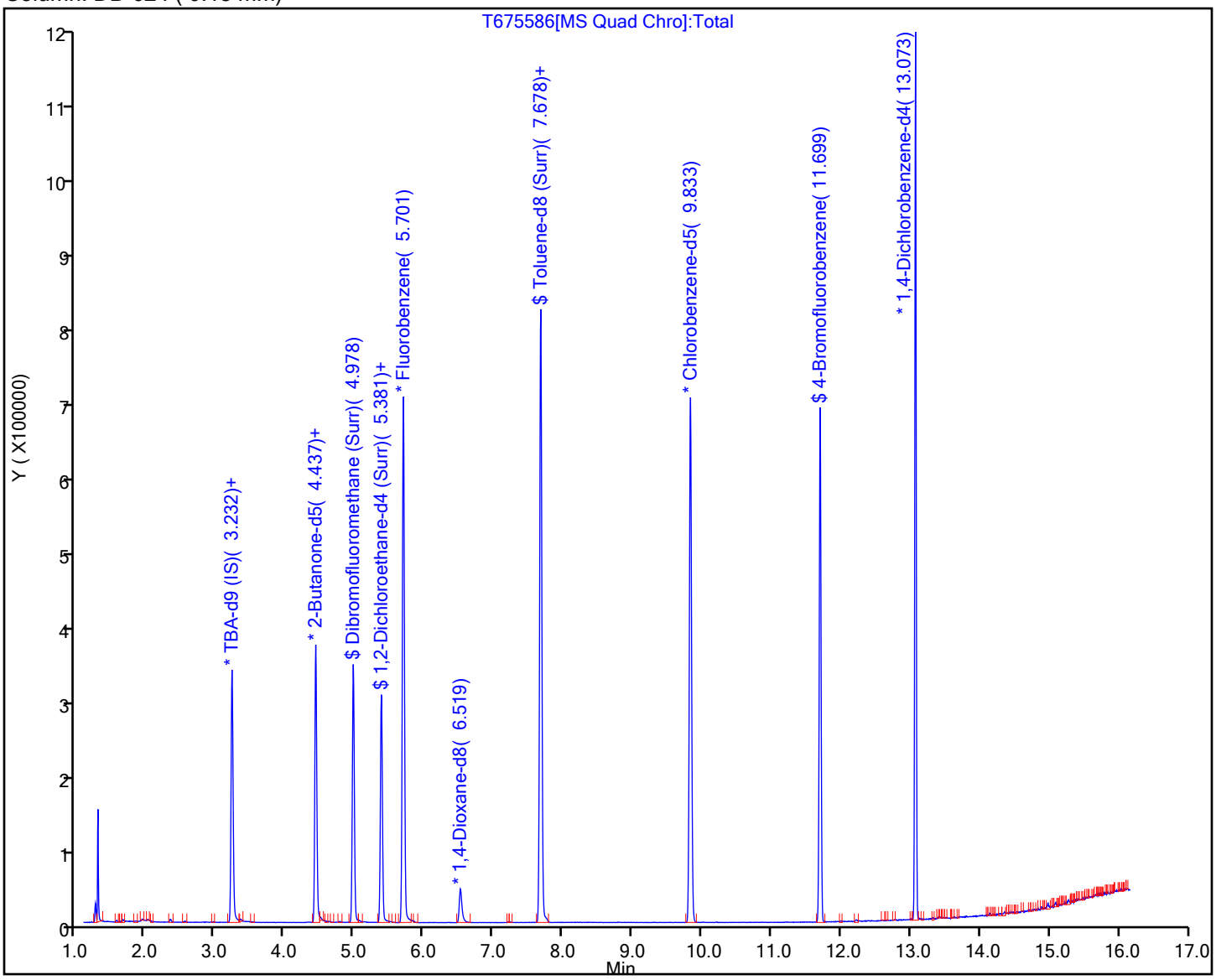
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 09:54:34 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675586.D
Injection Date: 26-Feb-2024 08:57:00 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675586.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-Feb-2024 08:57:00 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172710-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.9	89.73
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.87
$ 83 Toluene-d8 (Surr)	50.0	56.5	113.06
$ 105 4-Bromofluorobenzene	50.0	47.0	94.08

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-961143/4

Matrix: Water | Lab File ID: T675582.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:25

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.8		1.0	0.20
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.0		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	21.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		1.0	0.38
106-93-4	1,2-Dibromoethane	21.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.21
107-06-2	1,2-Dichloroethane	18.8		1.0	0.43
78-87-5	1,2-Dichloropropane	19.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	22.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.2		1.0	0.33
78-93-3	2-Butanone	89.8		5.0	1.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone	105		5.0	1.3
67-64-1	Acetone	94.6		5.0	4.4
71-43-2	Benzene	22.6		1.0	0.20
75-27-4	Bromodichloromethane	18.8		1.0	0.34
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	18.3		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	21.4		1.0	0.38
75-00-3	Chloroethane	19.7		1.0	0.32
67-66-3	Chloroform	18.5		1.0	0.33
74-87-3	Chloromethane	17.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	23.6		1.0	0.22
110-82-7	Cyclohexane	17.3		1.0	0.32
124-48-1	Dibromochloromethane	21.7		1.0	0.28
75-71-8	Dichlorodifluoromethane	14.0		1.0	0.31
100-41-4	Ethylbenzene	21.5		1.0	0.30
76-13-1	Freon TF	16.6		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-961143/4

Matrix: Water | Lab File ID: T675582.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:25

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	22.5		1.0	0.34
108-87-2	Methylcyclohexane	16.9		1.0	0.71
75-09-2	Methylene Chloride	18.8		1.0	0.32
1634-04-4	MTBE	20.8		1.0	0.22
100-42-5	Styrene	22.2		1.0	0.42
127-18-4	Tetrachloroethene	19.6		1.0	0.25
108-88-3	Toluene	20.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	23.4		1.0	0.22
79-01-6	Trichloroethene	17.3		1.0	0.31
75-69-4	Trichlorofluoromethane	18.6		1.0	0.32
75-01-4	Vinyl chloride	17.4		1.0	0.17
1330-20-7	Xylenes, Total	43.2		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	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-Feb-2024 07:25:55 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172710-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:21:59 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:48:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.312	1.313	-0.001	36	1876	20.0	8.22	
3 Chlorotrifluoroethene	116	1.417	1.417	0.000	87	10127	20.0	11.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	36023	20.0	16.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	84193	20.0	14.0	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	13241	20.0	16.9	
6 Chloromethane	50	1.632	1.632	0.000	88	97131	20.0	17.5	
7 Vinyl chloride	62	1.716	1.716	0.000	83	120439	20.0	17.4	
8 Butadiene	54	1.742	1.742	0.000	91	101267	20.0	17.8	
9 Bromomethane	94	2.010	2.010	0.000	97	34773	20.0	19.5	
10 Chloroethane	64	2.104	2.104	0.000	97	70146	20.0	19.7	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	191213	20.0	20.4	
12 Trichlorofluoromethane	101	2.298	2.293	0.005	86	138053	20.0	18.6	
13 Pentane	72	2.345	2.345	0.000	97	23359	40.0	33.3	
14 Ethanol	46	2.502	2.503	-0.001	100	21146	800.0	1087.8	
15 Ethyl ether	59	2.550	2.550	0.000	93	75061	20.0	21.5	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	93	68625	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.602	-0.005	87	74233	20.0	18.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	115051	20.0	17.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	68042	20.0	16.6	
19 Acrolein	56	2.733	2.733	0.000	81	37160	40.0	46.0	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	81502	20.0	18.0	
22 Acetone	43	2.859	2.859	0.000	89	123811	100.0	94.6	
23 Iodomethane	142	2.927	2.927	0.000	99	89991	20.0	14.2	
25 Isopropyl alcohol	45	2.953	2.954	-0.001	39	58171	200.0	263.2	
24 Carbon disulfide	76	2.959	2.959	0.000	99	272036	20.0	18.3	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	87	57458	20.0	21.2	
28 Methyl acetate	43	3.121	3.121	0.000	95	124934	40.0	43.5	
29 Cyclopentene	67	3.132	3.132	0.000	94	171444	20.0	19.1	
26 Acetonitrile	41	3.179	3.179	0.000	100	127814	200.0	238.0	
* 31 TBA-d9 (IS)	66	3.231	3.232	-0.001	97	64822	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	71	102170	20.0	18.8	

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	3.310	3.310	0.000	98	93881	200.0	227.6	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	254086	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.451	3.452	-0.001	84	90936	20.0	17.9	
33 Acrylonitrile	53	3.535	3.530	0.005	95	377505	200.0	216.5	
36 Hexane	57	3.624	3.625	-0.001	87	75050	20.0	17.8	
40 Isopropyl ether	45	3.860	3.861	-0.001	96	241394	20.0	22.7	
37 1,1-Dichloroethane	63	3.892	3.892	0.000	94	161568	20.0	20.3	
38 Vinyl acetate	86	3.913	3.913	0.000	99	43330	40.0	62.6	
39 2-Chloro-1,3-butadiene	88	3.944	3.945	-0.001	86	79424	20.0	18.6	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	89	242849	20.0	21.0	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	88	410065	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	69	34231	20.0	20.2	
43 cis-1,2-Dichloroethene	96	4.479	4.479	0.000	91	104853	20.0	18.2	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	98	60617	100.0	89.8	
47 Ethyl acetate	70	4.505	4.506	-0.001	96	20571	40.0	37.6	
48 Methyl acrylate	55	4.563	4.563	0.000	99	80872	20.0	20.3	
46 Propionitrile	54	4.647	4.647	0.000	98	143259	200.0	208.1	
51 Tetrahydrofuran	72	4.731	4.731	0.000	83	26225	40.0	38.3	
49 Chlorobromomethane	128	4.736	4.736	0.000	78	49531	20.0	17.1	
50 Methacrylonitrile	67	4.767	4.768	-0.001	85	414721	200.0	194.3	
52 Chloroform	83	4.799	4.799	0.000	94	156906	20.0	18.5	
55 Cyclohexane	84	4.941	4.936	0.005	87	105598	20.0	17.3	
54 1,1,1-Trichloroethane	97	4.956	4.956	0.000	92	134820	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.977	0.000	96	180684	50.0	44.7	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	122734	20.0	18.3	
57 1,1-Dichloropropene	75	5.135	5.135	-0.001	96	116949	20.0	18.2	
59 Isobutyl alcohol	43	5.281	5.282	-0.001	96	104496	500.0	524.0	
62 Isooctane	57	5.329	5.329	-0.001	99	140051	20.0	17.3	a
60 Benzene	78	5.360	5.360	0.000	96	354621	20.0	22.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	187199	50.0	51.9	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	81	239309	20.0	19.6	
63 Isopropyl acetate	61	5.444	5.439	0.005	87	45381	20.0	19.8	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	91	104953	20.0	18.8	
66 n-Heptane	43	5.554	5.549	0.005	86	52543	20.0	18.6	
* 65 Fluorobenzene	96	5.701	5.696	0.005	99	660487	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	81	64035	500.0	656.2	
67 Trichloroethene	95	6.110	6.110	0.000	95	93422	20.0	17.3	
70 Methylcyclohexane	83	6.251	6.252	-0.001	87	103211	20.0	16.9	a
69 Ethyl acrylate	55	6.267	6.267	0.000	97	177598	20.0	19.7	
71 1,2-Dichloropropane	63	6.451	6.451	0.000	93	90861	20.0	19.9	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	49775	1000.0	1000.0	
75 Methyl methacrylate	100	6.555	6.561	-0.006	80	47818	40.0	35.9	
74 1,4-Dioxane	88	6.587	6.587	0.000	62	24970	400.0	490.3	
72 Dibromomethane	93	6.603	6.603	0.000	95	60815	20.0	18.2	
76 n-Propyl acetate	43	6.624	6.629	-0.005	97	110569	20.0	22.2	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	123367	20.0	18.8	
78 2-Nitropropane	41	7.190	7.190	0.000	92	37315	40.0	38.7	
79 2-Chloroethyl vinyl ether	106	7.206	7.201	0.005	74	8212	20.0	21.0	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	146945	400.0	404.0	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	84	157749	20.0	23.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.588	7.594	-0.006	94	345695	100.0	105.1	
$ 83 Toluene-d8 (Surr)	98	7.677	7.678	-0.001	98	654081	50.0	55.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.767	7.767	0.000	92	371857	20.0	20.9	
85 trans-1,3-Dichloropropene	75	8.196	8.197	-0.001	91	139446	20.0	23.4	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	108550	20.0	24.0	
87 1,1,2-Trichloroethane	83	8.453	8.454	-0.001	95	73696	20.0	21.8	
88 Tetrachloroethene	166	8.495	8.496	-0.001	93	96524	20.0	19.6	
89 1,3-Dichloropropane	76	8.710	8.711	-0.001	88	139580	20.0	23.9	
90 2-Hexanone	43	8.799	8.800	-0.001	93	245519	100.0	103.1	
93 n-Butyl acetate	43	8.946	8.952	-0.006	98	110129	20.0	25.4	
91 Chlorodibromomethane	129	8.983	8.978	0.005	96	103780	20.0	21.7	
92 Ethylene Dibromide	107	9.166	9.161	0.005	97	88368	20.0	21.2	
* 94 Chlorobenzene-d5	117	9.832	9.833	-0.001	83	511152	50.0	50.0	
95 Chlorobenzene	112	9.880	9.875	0.005	97	245375	20.0	21.4	
97 Ethylbenzene	106	10.016	10.016	0.000	98	128365	20.0	21.5	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.027	0.005	55	91522	20.0	22.6	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	155277	20.0	21.4	
99 o-Xylene	106	10.850	10.850	0.000	94	154905	20.0	21.7	
101 n-Butyl acrylate	73	10.870	10.865	0.005	97	68864	20.0	23.8	
100 Styrene	104	10.902	10.902	0.000	95	254057	20.0	22.2	
102 Bromoform	173	11.217	11.212	0.005	97	76072	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	91	122093	20.0	27.9	
104 Isopropylbenzene	105	11.426	11.421	0.005	95	382405	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	212226	50.0	46.7	
106 Bromobenzene	156	11.877	11.872	0.005	89	105791	20.0	21.7	
107 1,1,2,2-Tetrachloroethane	83	11.966	11.967	-0.001	96	111014	20.0	24.8	
110 N-Propylbenzene	91	11.993	11.993	-0.001	99	464243	20.0	25.0	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	32380	20.0	23.2	
109 trans-1,4-Dichloro-2-butene	53	12.055	12.056	-0.001	93	26715	20.0	25.2	
111 2-Chlorotoluene	91	12.118	12.119	-0.001	96	298075	20.0	24.3	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	377789	20.0	24.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	304420	20.0	24.7	
113 4-Chlorotoluene	91	12.270	12.271	-0.001	97	296497	20.0	24.3	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	106516	20.0	24.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	255848	20.0	24.1	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	314700	20.0	24.7	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	374410	20.0	25.0	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	182314	20.0	22.4	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	95	314880	20.0	24.7	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	266836	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	184453	20.0	22.2	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	0.000	98	312701	20.0	24.1	
124 Benzyl chloride	91	13.256	13.256	0.000	99	206853	20.0	25.7	
125 2,3-Dihydroindene	117	13.324	13.325	0.000	89	309063	20.0	23.0	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	186718	20.0	24.3	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	151852	20.0	25.5	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	98	164449	20.0	22.4	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.137	0.005	97	260142	20.0	24.3	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	25333	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	111492	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	90	94440	20.0	21.9	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	79	44474	20.0	21.9	
134 Naphthalene	128	15.091	15.086	0.005	99	250444	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	79885	20.0	21.4	

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	36.1	
S 137 Xylenes, Total	100				0		40.0	43.2	
S 140 Total BTEX	1				0		100.0	108.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	47.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

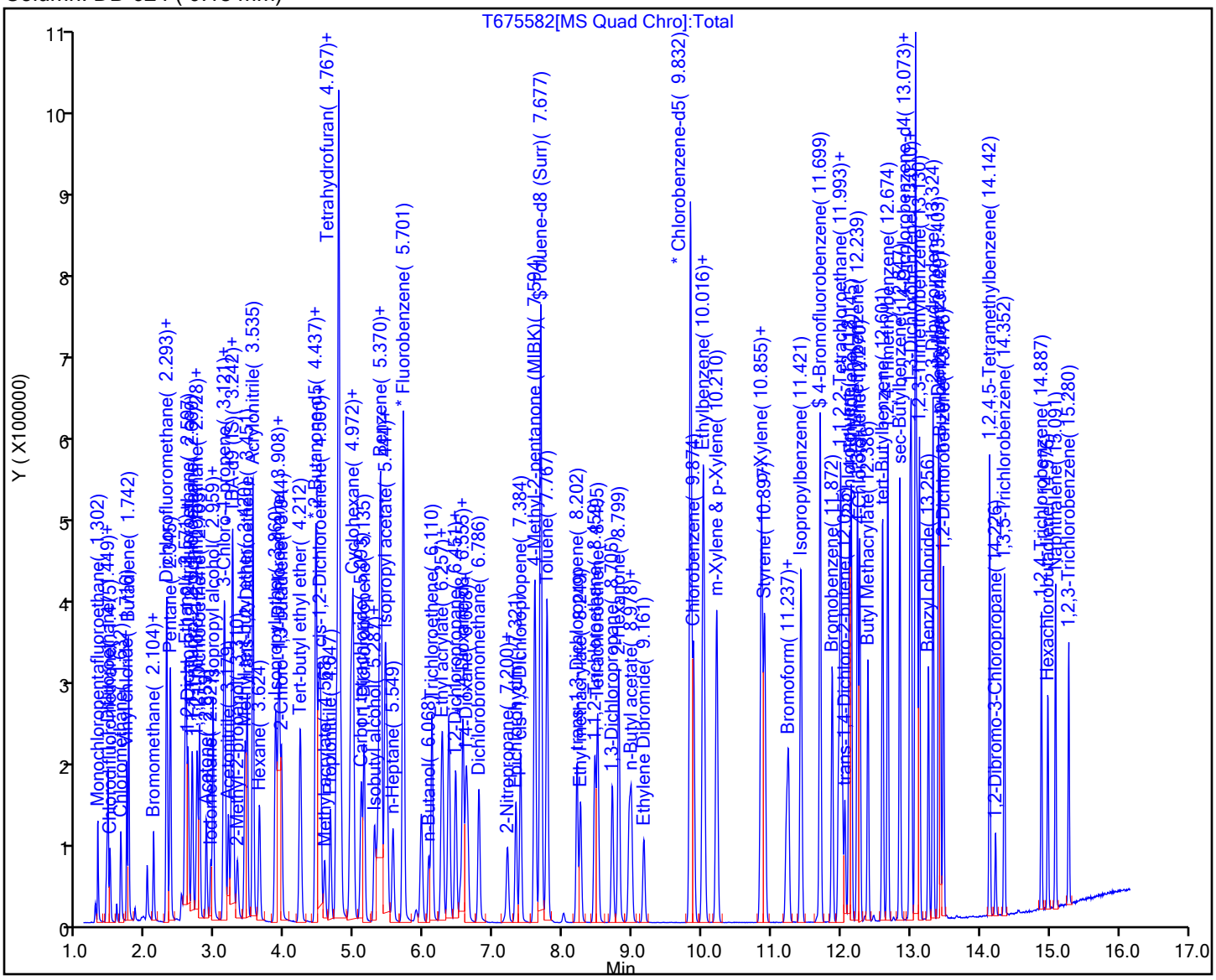
Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 14:24:14 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Injection Date: 26-Feb-2024 07:25:55 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-Feb-2024 07:25:55 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172710-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:21:59 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:48:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.7	89.38
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.75
$ 83 Toluene-d8 (Surr)	50.0	55.9	111.80
$ 105 4-Bromofluorobenzene	50.0	46.7	93.44

Eurofins Edison

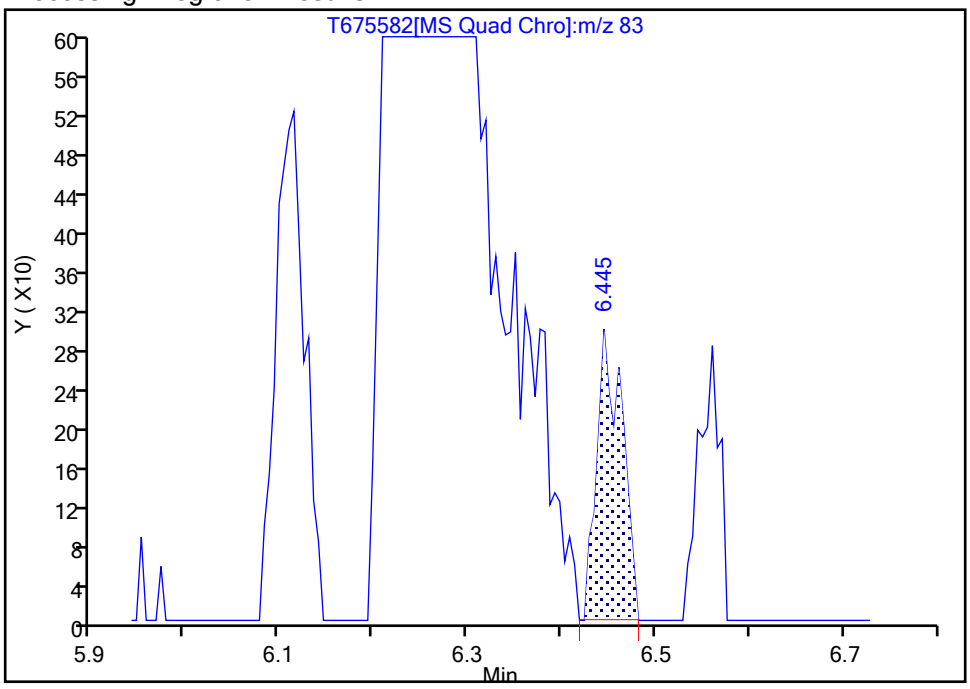
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Injection Date: 26-Feb-2024 07:25:55 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

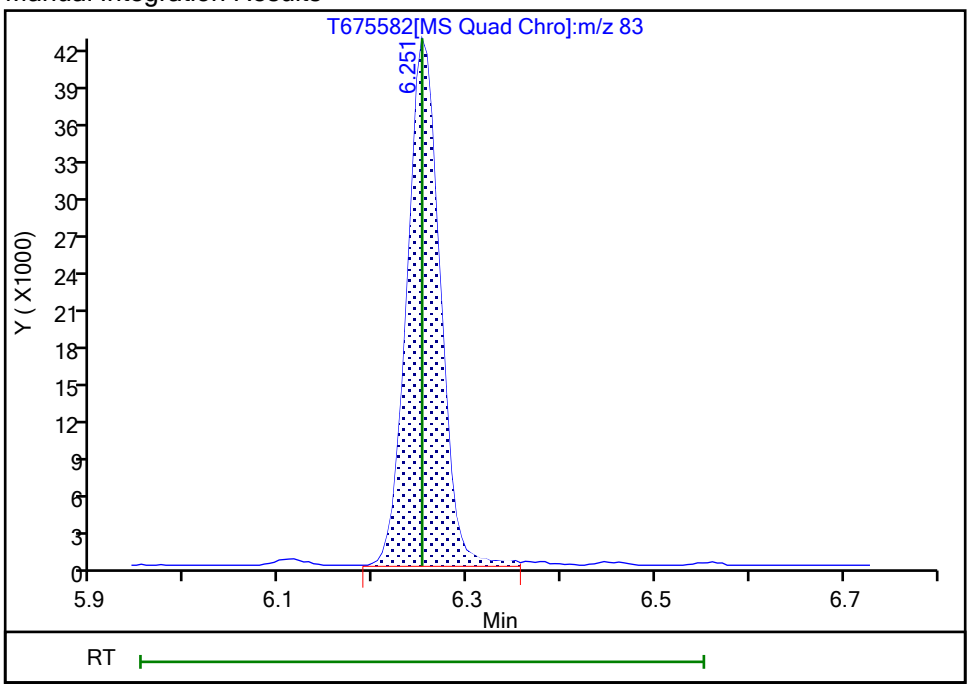
Processing Integration Results

RT: 6.45
Area: 555
Amount: 0.090938
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 103211
Amount: 16.911280
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:48:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-961143/5

Matrix: Water | Lab File ID: T675583.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:48

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.20
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	16.1		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		1.0	0.38
106-93-4	1,2-Dibromoethane	20.4		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.21
107-06-2	1,2-Dichloroethane	17.5		1.0	0.43
78-87-5	1,2-Dichloropropane	18.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.33
78-93-3	2-Butanone	85.8		5.0	1.9
591-78-6	2-Hexanone	97.9		5.0	1.1
108-10-1	4-Methyl-2-pentanone	100		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	21.0		1.0	0.20
75-27-4	Bromodichloromethane	17.8		1.0	0.34
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	16.8		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.32
67-66-3	Chloroform	17.2		1.0	0.33
74-87-3	Chloromethane	15.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	16.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.22
110-82-7	Cyclohexane	15.5		1.0	0.32
124-48-1	Dibromochloromethane	20.7		1.0	0.28
75-71-8	Dichlorodifluoromethane	12.8		1.0	0.31
100-41-4	Ethylbenzene	20.1		1.0	0.30
76-13-1	Freon TF	15.2		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-961143/5

Matrix: Water | Lab File ID: T675583.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:48

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	21.2		1.0	0.34
108-87-2	Methylcyclohexane	15.8		1.0	0.71
75-09-2	Methylene Chloride	17.5		1.0	0.32
1634-04-4	MTBE	19.8		1.0	0.22
100-42-5	Styrene	20.8		1.0	0.42
127-18-4	Tetrachloroethene	18.7		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.4		1.0	0.22
79-01-6	Trichloroethene	16.3		1.0	0.31
75-69-4	Trichlorofluoromethane	16.9		1.0	0.32
75-01-4	Vinyl chloride	15.7		1.0	0.17
1330-20-7	Xylenes, Total	40.5		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	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-Feb-2024 07:48:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172710-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	39	2092	20.0	8.86	a
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	88	9403	20.0	9.96	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	32963	20.0	15.0	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	79777	20.0	12.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	12067	20.0	14.9	
6 Chloromethane	50	1.633	1.633	0.000	88	90521	20.0	15.7	
7 Vinyl chloride	62	1.716	1.716	0.000	84	112097	20.0	15.7	
8 Butadiene	54	1.743	1.743	0.000	91	92276	20.0	15.7	
9 Bromomethane	94	2.010	2.010	0.000	98	35990	20.0	19.5	
10 Chloroethane	64	2.104	2.104	0.000	97	66169	20.0	17.2	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	181813	20.0	18.7	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	87	129586	20.0	16.9	
13 Pentane	72	2.346	2.346	0.000	96	22412	40.0	30.9	
14 Ethanol	46	2.503	2.503	0.000	100	21985	800.0	1035.2	
15 Ethyl ether	59	2.550	2.550	0.000	92	73603	20.0	20.3	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	94	63349	20.0	18.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.597	0.000	87	69969	20.0	16.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	90	107408	20.0	15.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	64479	20.0	15.2	
19 Acrolein	56	2.734	2.734	0.000	84	37622	40.0	45.0	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	88	75487	20.0	16.1	
22 Acetone	43	2.859	2.859	0.000	90	122648	100.0	87.0	
23 Iodomethane	142	2.928	2.928	0.000	99	84802	20.0	12.9	
25 Isopropyl alcohol	45	2.954	2.954	0.000	39	58493	200.0	242.2	
24 Carbon disulfide	76	2.959	2.959	0.000	98	252966	20.0	16.4	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	86	55233	20.0	19.7	
28 Methyl acetate	43	3.122	3.122	0.000	96	125261	40.0	42.2	
29 Cyclopentene	67	3.127	3.127	0.000	91	157529	20.0	17.0	
26 Acetonitrile	41	3.179	3.179	0.000	100	125849	200.0	217.6	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	97	70820	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	67	98809	20.0	17.5	

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	3.310	3.310	0.000	98	98741	200.0	219.1	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	249600	20.0	19.8	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	83	88468	20.0	16.8	
33 Acrylonitrile	53	3.531	3.531	0.000	95	379858	200.0	210.6	
36 Hexane	57	3.625	3.625	0.000	88	72171	20.0	16.5	
40 Isopropyl ether	45	3.861	3.861	0.000	96	236521	20.0	21.5	
37 1,1-Dichloroethane	63	3.892	3.892	0.000	94	151788	20.0	18.5	
38 Vinyl acetate	86	3.913	3.913	0.000	99	42982	40.0	57.7	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	75554	20.0	17.1	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	89	238943	20.0	20.0	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	87	441649	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	75	32410	20.0	18.4	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	91	100824	20.0	16.9	
45 2-Butanone (MEK)	72	4.501	4.501	0.000	98	62361	100.0	85.8	
47 Ethyl acetate	70	4.511	4.511	0.000	97	20787	40.0	35.3	
48 Methyl acrylate	55	4.563	4.563	0.000	100	82678	20.0	20.1	
46 Propionitrile	54	4.647	4.647	0.000	98	145625	200.0	204.5	
51 Tetrahydrofuran	72	4.736	4.736	0.000	79	26130	40.0	35.4	
49 Chlorobromomethane	128	4.736	4.736	0.000	77	48243	20.0	16.1	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	416065	200.0	188.5	
52 Chloroform	83	4.799	4.799	0.000	94	150912	20.0	17.2	
55 Cyclohexane	84	4.936	4.936	0.000	87	97871	20.0	15.5	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	92	128921	20.0	17.1	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	184249	50.0	44.0	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	115970	20.0	16.8	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	96	109738	20.0	16.5	
59 Isobutyl alcohol	43	5.282	5.282	0.000	96	107080	500.0	491.5	
62 Isooctane	57	5.329	5.329	0.000	99	134821	20.0	16.1	a
60 Benzene	78	5.360	5.360	0.000	96	339893	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	190598	50.0	51.1	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	80	236911	20.0	18.8	
63 Isopropyl acetate	61	5.439	5.439	0.000	88	44231	20.0	18.7	
61 1,2-Dichloroethane	62	5.471	5.471	0.000	90	100878	20.0	17.5	
66 n-Heptane	43	5.549	5.549	0.000	86	48412	20.0	16.5	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	683287	50.0	50.0	
68 n-Butanol	56	6.063	6.063	0.000	80	65050	500.0	610.1	
67 Trichloroethene	95	6.110	6.110	0.000	95	90764	20.0	16.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	86	99687	20.0	15.8	a
69 Ethyl acrylate	55	6.267	6.267	0.000	97	174673	20.0	18.7	
71 1,2-Dichloropropane	63	6.451	6.451	0.000	92	87091	20.0	18.5	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	53552	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	81	47913	40.0	34.8	
74 1,4-Dioxane	88	6.587	6.587	0.000	65	25881	400.0	472.4	
72 Dibromomethane	93	6.603	6.603	0.000	93	58766	20.0	17.0	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	111645	20.0	21.7	
77 Dichlorobromomethane	83	6.787	6.787	0.000	95	120440	20.0	17.8	
78 2-Nitropropane	41	7.190	7.190	0.000	90	39472	40.0	39.6	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	74	9459	20.0	23.4	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	151724	400.0	387.3	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	151216	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	93	355322	100.0	100.3	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	678094	50.0	56.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.767	7.767	0.000	92	363372	20.0	19.8	
85 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	91	137503	20.0	22.4	
86 Ethyl methacrylate	69	8.249	8.249	0.000	84	106010	20.0	22.7	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	95	72489	20.0	20.8	
88 Tetrachloroethene	166	8.496	8.496	0.000	92	94617	20.0	18.7	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	87	137178	20.0	22.8	
90 2-Hexanone	43	8.800	8.800	0.000	93	250989	100.0	97.9	
93 n-Butyl acetate	43	8.952	8.952	0.000	97	111943	20.0	25.0	
91 Chlorodibromomethane	129	8.978	8.978	0.000	96	101875	20.0	20.7	
92 Ethylene Dibromide	107	9.162	9.162	0.000	98	87432	20.0	20.4	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	526665	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	97	240177	20.0	20.3	
97 Ethylbenzene	106	10.016	10.016	0.000	98	123860	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	57	86824	20.0	20.8	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	150553	20.0	20.2	
99 o-Xylene	106	10.850	10.850	0.000	94	149274	20.0	20.3	
101 n-Butyl acrylate	73	10.866	10.866	0.000	87	67371	20.0	22.6	
100 Styrene	104	10.902	10.902	0.000	96	244882	20.0	20.8	
102 Bromoform	173	11.212	11.212	0.000	96	74548	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	92	121922	20.0	27.1	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	369955	20.0	21.2	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	219414	50.0	46.9	
106 Bromobenzene	156	11.872	11.872	0.000	91	103577	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	112278	20.0	24.4	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	448777	20.0	23.5	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	32343	20.0	22.6	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	92	26641	20.0	24.5	
111 2-Chlorotoluene	91	12.119	12.119	0.000	97	288833	20.0	22.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	365276	20.0	22.8	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	292747	20.0	23.1	
113 4-Chlorotoluene	91	12.271	12.271	0.000	97	288038	20.0	23.0	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	105007	20.0	23.4	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	248106	20.0	22.8	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.000	97	306398	20.0	23.5	
118 sec-Butylbenzene	105	12.848	12.848	0.000	99	360516	20.0	23.4	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	97	176771	20.0	21.2	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	94	304105	20.0	23.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	273802	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	177553	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	302954	20.0	22.8	
124 Benzyl chloride	91	13.257	13.257	0.000	99	201252	20.0	24.3	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	90	299813	20.0	21.7	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	179450	20.0	22.8	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	146285	20.0	23.9	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	97	158249	20.0	21.0	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	96	253598	20.0	23.1	
129 1,2-Dibromo-3-Chloropropane	157	14.227	14.227	0.000	88	25985	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	106154	20.0	21.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	91699	20.0	20.7	
133 Hexachlorobutadiene	225	14.982	14.982	0.000	79	42453	20.0	20.4	
134 Naphthalene	128	15.092	15.092	0.000	99	250361	20.0	21.8	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	93	79940	20.0	20.9	

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	33.8	
S 137 Xylenes, Total	100				0		40.0	40.5	
S 140 Total BTEX	1				0		100.0	101.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 14:26:24 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D

Injection Date: 26-Feb-2024 07:48:40 Instrument ID: CVOAMS15

Lims ID: LCSD

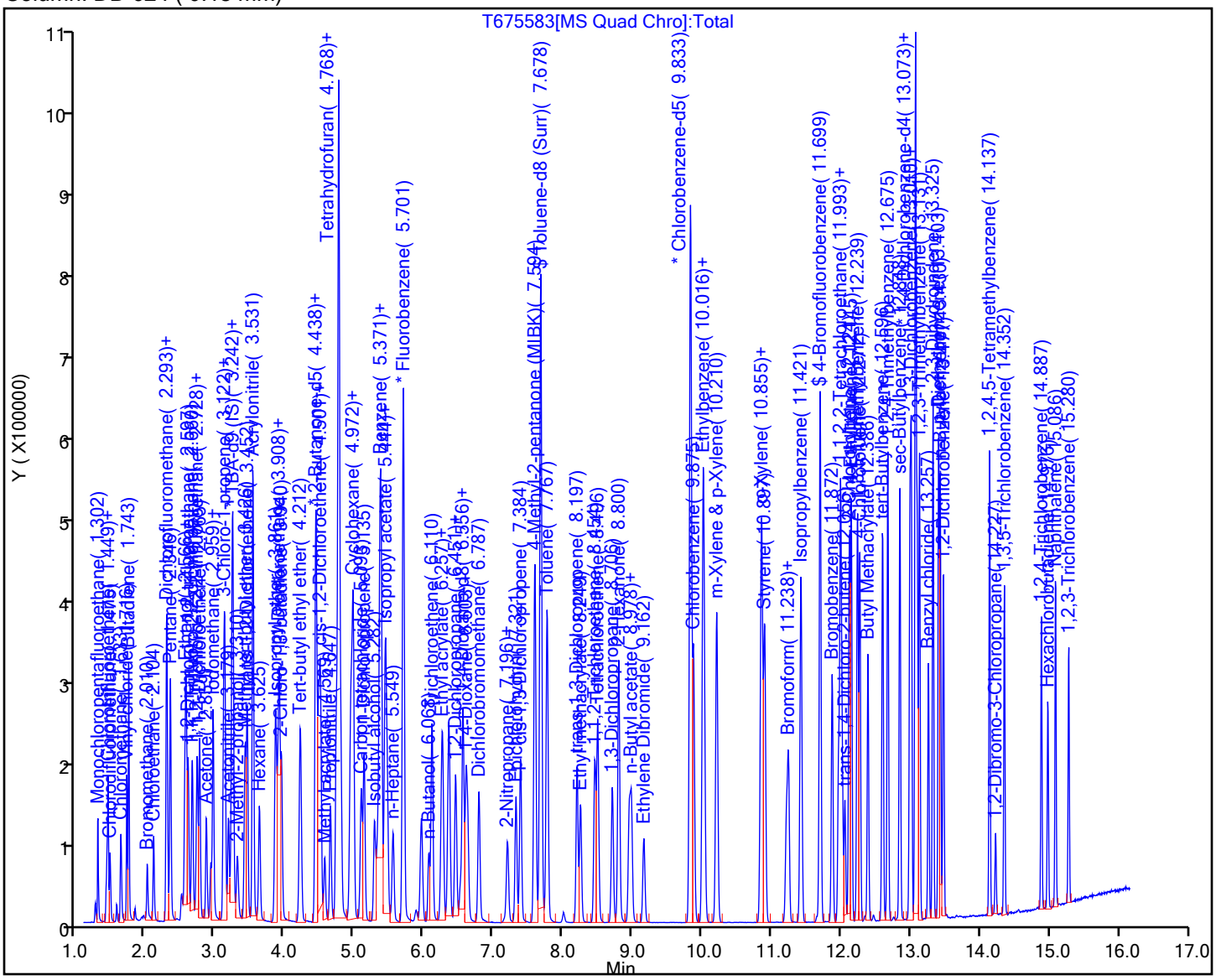
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-Feb-2024 07:48:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172710-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.0	88.10
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.11
$ 83 Toluene-d8 (Surr)	50.0	56.2	112.49
$ 105 4-Bromofluorobenzene	50.0	46.9	93.76

Manual Integration/User Assign Peak Report

Eurofins Edison

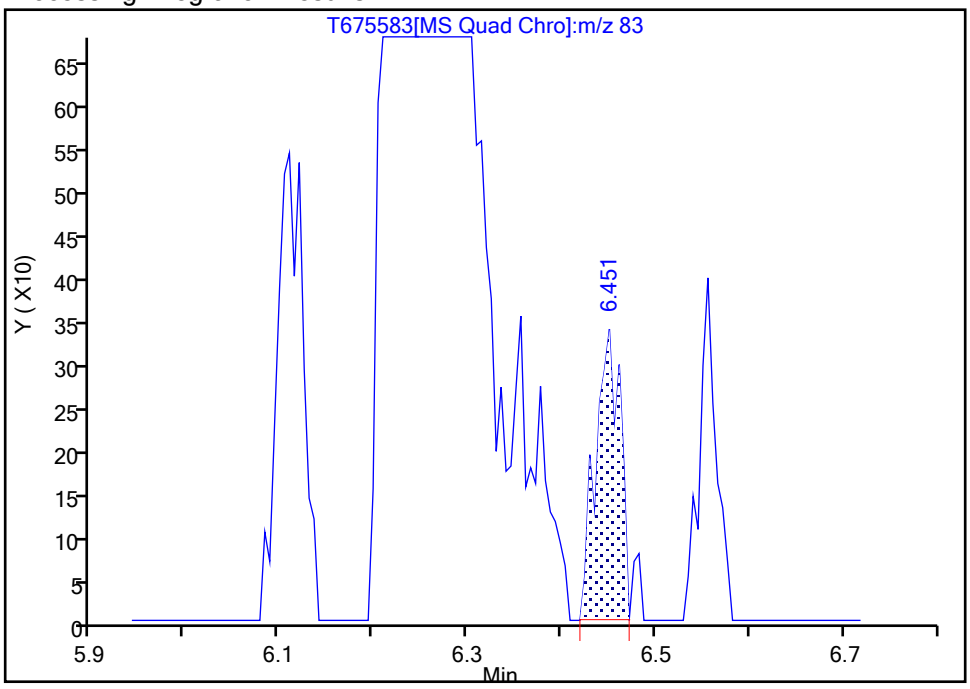
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D
Injection Date: 26-Feb-2024 07:48:40 Instrument ID: CVOAMS15
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

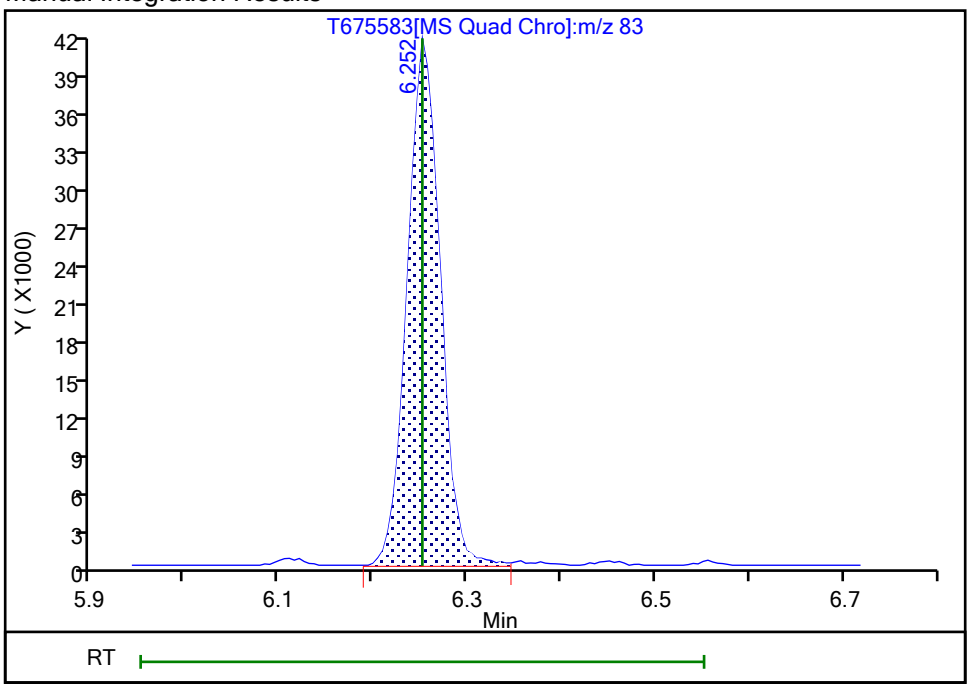
Processing Integration Results

RT: 6.45
Area: 605
Amount: 0.095822
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 99687
Amount: 15.788837
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:51:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MS | Lab Sample ID: 460-298659-3 MS

Matrix: Water | Lab File ID: T675594.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:58

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		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	20.6		1.0	0.20
75-34-3	1,1-Dichloroethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	18.2		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.38
106-93-4	1,2-Dibromoethane	19.3		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.21
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.33
78-93-3	2-Butanone	86.1		5.0	1.9
591-78-6	2-Hexanone	98.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone	106		5.0	1.3
67-64-1	Acetone	90.3		5.0	4.4
71-43-2	Benzene	27.6		1.0	0.20
75-27-4	Bromodichloromethane	17.9		1.0	0.34
75-25-2	Bromoform	17.7		1.0	0.54
74-83-9	Bromomethane	11.8		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.2		1.0	0.21
108-90-7	Chlorobenzene	20.5		1.0	0.38
75-00-3	Chloroethane	22.0		1.0	0.32
67-66-3	Chloroform	19.2		1.0	0.33
74-87-3	Chloromethane	17.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.2		1.0	0.22
110-82-7	Cyclohexane	40.5		1.0	0.32
124-48-1	Dibromochloromethane	19.9		1.0	0.28
75-71-8	Dichlorodifluoromethane	15.2		1.0	0.31
100-41-4	Ethylbenzene	22.9		1.0	0.30
76-13-1	Freon TF	18.1		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MS | Lab Sample ID: 460-298659-3 MS

Matrix: Water | Lab File ID: T675594.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:58

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	34.1		1.0	0.34
108-87-2	Methylcyclohexane	29.9		1.0	0.71
75-09-2	Methylene Chloride	19.9		1.0	0.32
1634-04-4	MTBE	20.2		1.0	0.22
100-42-5	Styrene	21.3		1.0	0.42
127-18-4	Tetrachloroethene	19.8		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.1		1.0	0.22
79-01-6	Trichloroethene	97.9		1.0	0.31
75-69-4	Trichlorofluoromethane	18.9		1.0	0.32
75-01-4	Vinyl chloride	17.0		1.0	0.17
1330-20-7	Xylenes, Total	42.5		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	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D
Lims ID: 460-298659-A-3 MS
Client ID: NL-MW-3_20240220
Sample Type: MS
Inject. Date: 26-Feb-2024 11:58:15 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MS
Misc. Info.: 460-0172710-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 12:58:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	28	3024	20.0	13.3	
3 Chlorotrifluoroethene	116	1.423	1.418	0.005	89	10487	20.0	11.5	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	41689	20.0	19.6	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	91499	20.0	15.2	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	14796	20.0	19.0	
6 Chloromethane	50	1.632	1.633	-0.001	88	97403	20.0	17.6	
7 Vinyl chloride	62	1.722	1.716	0.006	83	116935	20.0	17.0	
8 Butadiene	54	1.748	1.743	0.005	91	100479	20.0	17.7	
9 Bromomethane	94	2.015	2.010	0.005	96	20443	20.0	11.8	
10 Chloroethane	64	2.110	2.104	0.006	96	69859	20.0	22.0	
11 Dichlorofluoromethane	67	2.293	2.288	0.005	89	186600	20.0	19.9	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	79	139350	20.0	18.9	
13 Pentane	72	2.351	2.346	0.005	96	28778	40.0	41.2	
14 Ethanol	46	2.508	2.503	0.005	99	16871	800.0	1068.7	
15 Ethyl ether	59	2.555	2.550	0.005	93	71177	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	93	69797	20.0	21.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.597	0.005	88	72575	20.0	17.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	90	120299	20.0	18.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	95	74038	20.0	18.1	
19 Acrolein	56	2.733	2.734	-0.001	81	48555	40.0	60.4	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	81900	20.0	18.2	
22 Acetone	43	2.865	2.859	0.006	89	105063	100.0	90.3	
23 Iodomethane	142	2.927	2.928	-0.001	99	78831	20.0	12.5	
25 Isopropyl alcohol	45	2.954	2.954	0.000	38	44690	200.0	249.0	
24 Carbon disulfide	76	2.964	2.959	0.005	98	272757	20.0	18.4	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	90	58642	20.0	21.7	
28 Methyl acetate	43	3.121	3.122	-0.001	91	274454	40.0	96.0	
29 Cyclopentene	67	3.132	3.127	0.005	89	180438	20.0	20.2	
26 Acetonitrile	41	3.179	3.179	0.000	99	160732	200.0	336.6	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	95	52640	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	84	107827	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
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	73560	200.0	219.6	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	97	245519	20.0	20.2	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	85	95093	20.0	18.8	
33 Acrylonitrile	53	3.536	3.531	0.005	96	335542	200.0	193.2	
36 Hexane	57	3.630	3.625	0.005	89	87041	20.0	20.7	
40 Isopropyl ether	45	3.861	3.861	0.000	95	238150	20.0	22.4	
37 1,1-Dichloroethane	63	3.897	3.892	0.005	94	157357	20.0	19.9	
38 Vinyl acetate	86	3.918	3.913	0.005	99	39457	40.0	64.1	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	86	77883	20.0	18.3	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	89	234888	20.0	20.4	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	88	364667	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.453	-0.005	71	32917	20.0	19.5	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	93	113732	20.0	19.8	
45 2-Butanone (MEK)	72	4.500	4.501	-0.001	98	51692	100.0	86.1	
47 Ethyl acetate	70	4.511	4.511	0.000	97	19226	40.0	39.5	
48 Methyl acrylate	55	4.569	4.563	0.006	99	70493	20.0	17.8	
46 Propionitrile	54	4.647	4.647	0.000	98	122620	200.0	178.8	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	79	20640	40.0	33.9	
49 Chlorobromomethane	128	4.736	4.736	0.000	80	47921	20.0	16.6	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	379747	200.0	178.6	
52 Chloroform	83	4.799	4.799	0.000	94	161939	20.0	19.2	
55 Cyclohexane	84	4.941	4.936	0.005	89	246836	20.0	40.5	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	84	134186	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	95	175464	50.0	43.6	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	121180	20.0	18.2	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	93	115128	20.0	18.0	
59 Isobutyl alcohol	43	5.282	5.282	0.000	95	104875	500.0	647.6	
62 Isooctane	57	5.329	5.329	0.000	88	172324	20.0	21.3	
60 Benzene	78	5.360	5.360	0.000	96	429039	20.0	27.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	86	184107	50.0	51.2	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	81	223962	20.0	18.4	
63 Isopropyl acetate	61	5.444	5.439	0.005	83	41328	20.0	18.1	
61 1,2-Dichloroethane	62	5.470	5.471	-0.001	89	101084	20.0	18.2	
66 n-Heptane	43	5.549	5.549	0.000	86	54197	20.0	19.2	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	657988	50.0	50.0	
68 n-Butanol	56	6.068	6.063	0.005	83	42457	500.0	535.8	
67 Trichloroethene	95	6.110	6.110	0.000	95	525344	20.0	97.9	
70 Methylcyclohexane	83	6.252	6.252	0.000	91	181598	20.0	29.9	
69 Ethyl acrylate	55	6.262	6.267	-0.005	95	232509	20.0	25.9	
71 1,2-Dichloropropane	63	6.456	6.451	0.005	94	86205	20.0	19.0	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	39068	1000.0	1000.0	
75 Methyl methacrylate	100	6.556	6.561	-0.005	81	43025	40.0	32.5	
74 1,4-Dioxane	88	6.587	6.587	0.000	56	18006	400.0	450.5	
72 Dibromomethane	93	6.603	6.603	0.000	94	56245	20.0	16.9	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	91390	20.0	18.4	
77 Dichlorobromomethane	83	6.786	6.787	-0.001	95	117116	20.0	17.9	
78 2-Nitropropane	41	7.190	7.190	0.000	98	38135	40.0	39.7	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	98137	400.0	303.4	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	147318	20.0	22.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	94	308648	100.0	105.5	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	651518	50.0	56.2	
84 Toluene	91	7.767	7.767	0.000	93	370100	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 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	91	130263	20.0	22.1	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	99779	20.0	22.3	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	95	68846	20.0	20.6	
88 Tetrachloroethene	166	8.496	8.496	0.000	93	96509	20.0	19.8	
89 1,3-Dichloropropane	76	8.705	8.711	-0.006	88	130000	20.0	22.5	
90 2-Hexanone	43	8.800	8.800	0.000	93	208664	100.0	98.5	
93 n-Butyl acetate	43	8.947	8.952	-0.005	96	96868	20.0	22.5	
91 Chlorodibromomethane	129	8.978	8.978	0.000	97	94227	20.0	19.9	
92 Ethylene Dibromide	107	9.162	9.162	0.000	99	79879	20.0	19.3	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	506154	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	97	233294	20.0	20.5	
97 Ethylbenzene	106	10.011	10.016	-0.005	98	135311	20.0	22.9	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	55	84245	20.0	21.1	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	155141	20.0	21.6	
99 o-Xylene	106	10.850	10.850	0.000	94	147036	20.0	20.8	
101 n-Butyl acrylate	73	10.866	10.866	0.000	85	61641	20.0	21.5	
100 Styrene	104	10.902	10.902	0.000	96	240982	20.0	21.3	
102 Bromoform	173	11.212	11.212	0.000	95	67160	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	92	107542	20.0	25.3	
104 Isopropylbenzene	105	11.421	11.421	0.000	96	572161	20.0	34.1	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	208747	50.0	46.4	
106 Bromobenzene	156	11.872	11.872	0.000	91	98687	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	95451	20.0	21.9	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	554690	20.0	30.7	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	96	28061	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	92	22672	20.0	22.1	
111 2-Chlorotoluene	91	12.119	12.119	0.000	97	275494	20.0	23.1	
112 4-Ethyltoluene	105	12.145	12.150	-0.005	98	361319	20.0	23.9	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	283155	20.0	23.7	
113 4-Chlorotoluene	91	12.271	12.271	0.000	97	270974	20.0	22.9	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	98635	20.0	23.2	
116 tert-Butylbenzene	119	12.596	12.601	-0.005	91	254435	20.0	24.7	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	-0.001	97	294992	20.0	23.9	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	407679	20.0	28.0	
119 1,3-Dichlorobenzene	146	12.989	12.994	-0.005	97	164812	20.0	20.9	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	96	288062	20.0	23.3	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	259016	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	165693	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	302038	20.0	24.0	
124 Benzyl chloride	91	13.256	13.257	-0.001	99	171807	20.0	22.0	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	318795	20.0	24.4	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	177415	20.0	23.8	
128 n-Butylbenzene	92	13.429	13.430	-0.001	98	139126	20.0	24.0	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	147286	20.0	20.6	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	97	236490	20.0	22.8	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.227	-0.001	89	20893	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	95992	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	81152	20.0	19.4	
133 Hexachlorobutadiene	225	14.976	14.982	-0.006	78	40331	20.0	20.4	
134 Naphthalene	128	15.086	15.092	-0.006	99	193847	20.0	17.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	65492	20.0	18.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.6	

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	42.5	
S 140 Total BTEX	1				0		100.0	113.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 13:05:26 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D

Injection Date: 26-Feb-2024 11:58:15 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-3 MS

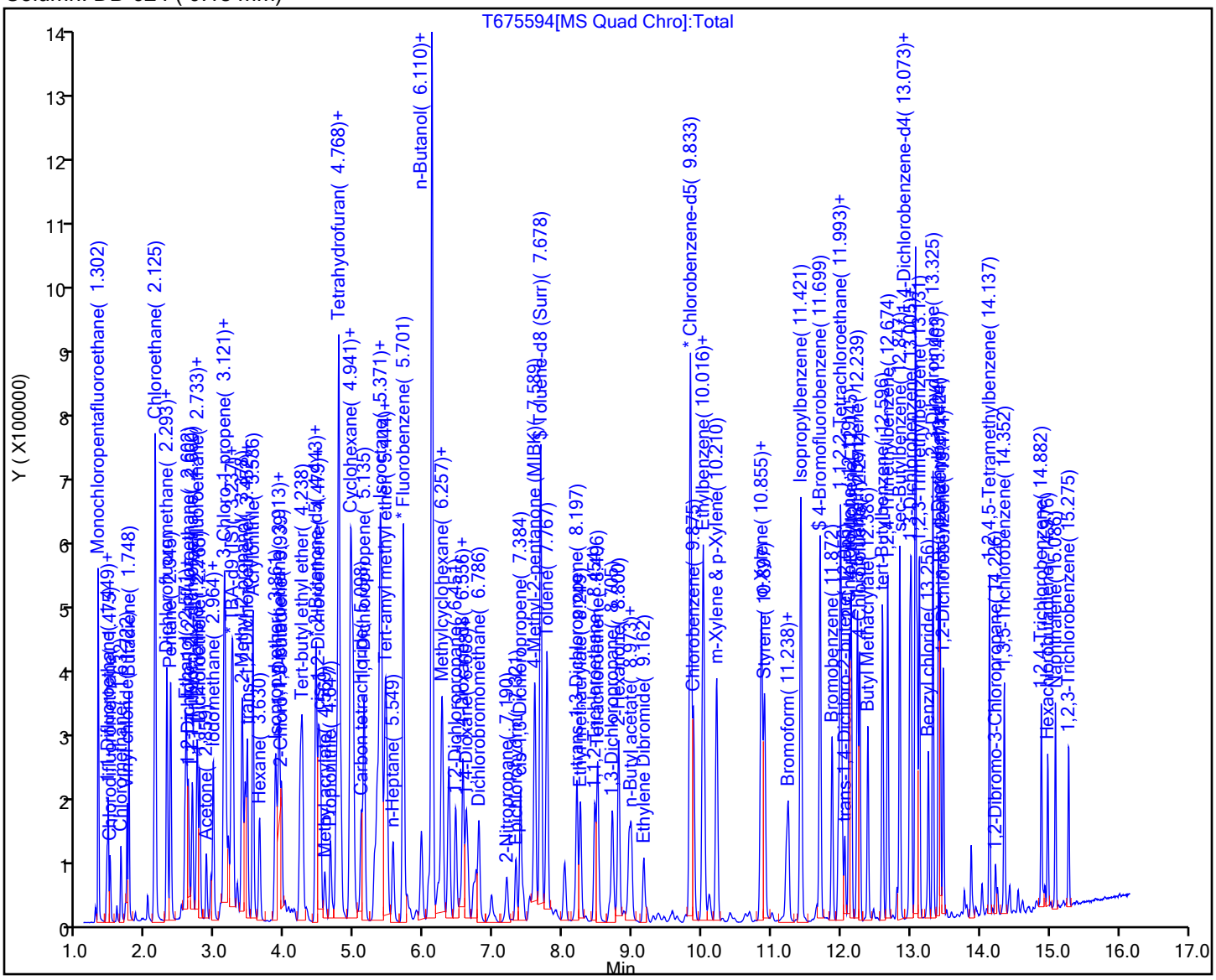
Client ID: NL-MW-3_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D
Lims ID: 460-298659-A-3 MS
Client ID: NL-MW-3_20240220
Sample Type: MS
Inject. Date: 26-Feb-2024 11:58:15 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MS
Misc. Info.: 460-0172710-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 12:58:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.6	87.12
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.42
$ 83 Toluene-d8 (Surr)	50.0	56.2	112.46
$ 105 4-Bromofluorobenzene	50.0	46.4	92.82

Manual Integration/User Assign Peak Report

Eurofins Edison

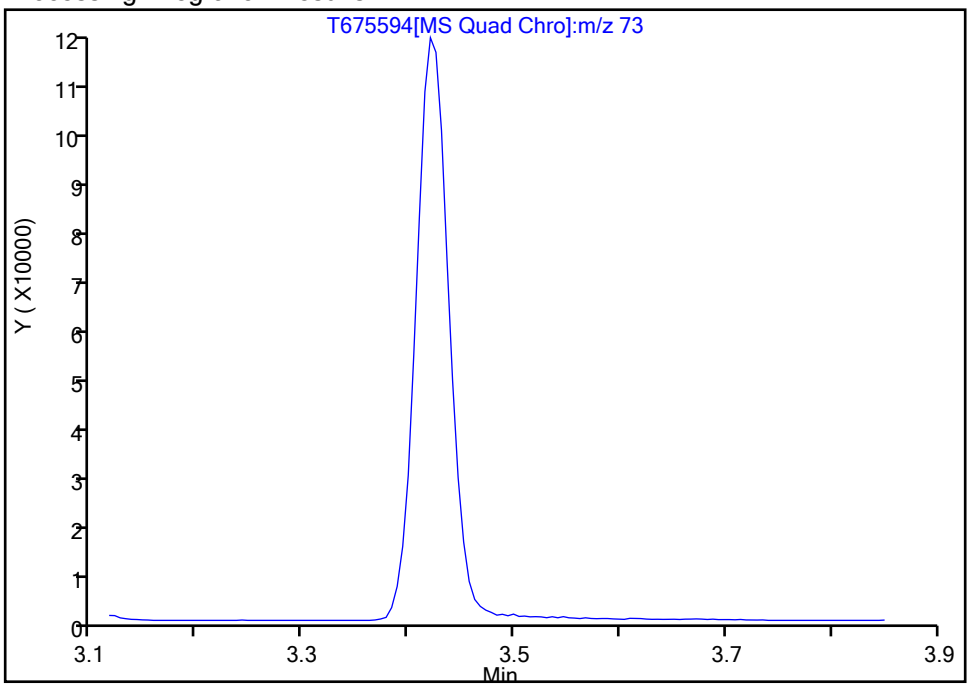
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D				
Injection Date:	26-Feb-2024 11:58:15	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3 MS				
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

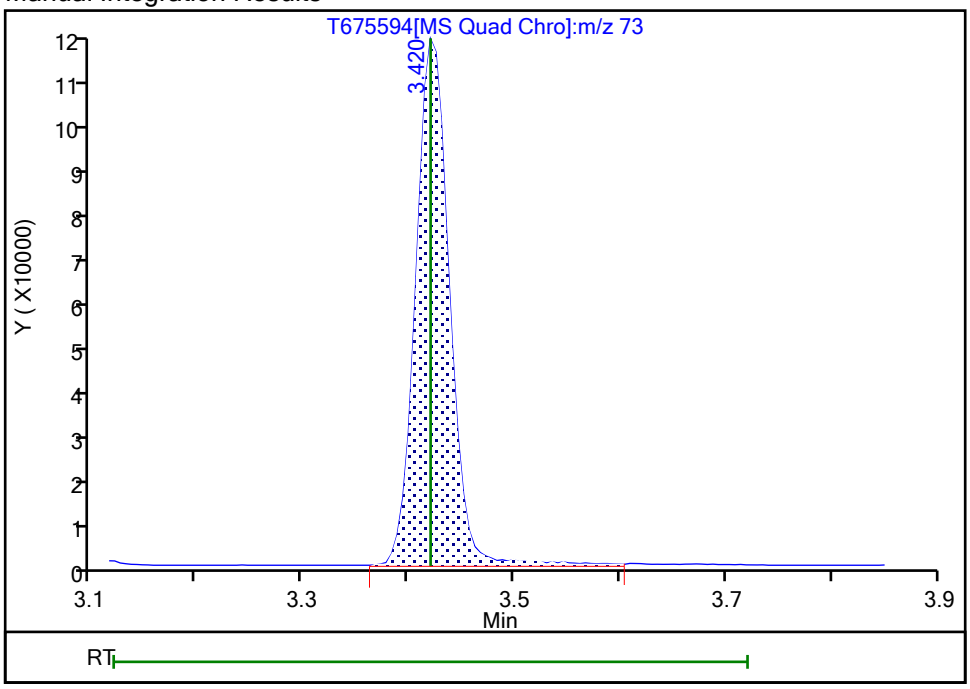
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 245519
Amount: 20.209561
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 12:58:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MSD | Lab Sample ID: 460-298659-3 MSD

Matrix: Water | Lab File ID: T675595.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 12:20

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.2		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	20.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.38
106-93-4	1,2-Dibromoethane	20.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.7		1.0	0.21
107-06-2	1,2-Dichloroethane	18.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.4		1.0	0.33
78-93-3	2-Butanone	90.2		5.0	1.9
591-78-6	2-Hexanone	102		5.0	1.1
108-10-1	4-Methyl-2-pentanone	109		5.0	1.3
67-64-1	Acetone	92.5		5.0	4.4
71-43-2	Benzene	28.1		1.0	0.20
75-27-4	Bromodichloromethane	19.0		1.0	0.34
75-25-2	Bromoform	18.2		1.0	0.54
74-83-9	Bromomethane	17.4		1.0	0.55
75-15-0	Carbon disulfide	18.9		1.0	0.82
56-23-5	Carbon tetrachloride	18.8		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
75-00-3	Chloroethane	22.8		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	18.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.8		1.0	0.22
110-82-7	Cyclohexane	41.0		1.0	0.32
124-48-1	Dibromochloromethane	20.5		1.0	0.28
75-71-8	Dichlorodifluoromethane	15.3		1.0	0.31
100-41-4	Ethylbenzene	23.8		1.0	0.30
76-13-1	Freon TF	18.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MSD | Lab Sample ID: 460-298659-3 MSD

Matrix: Water | Lab File ID: T675595.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 12:20

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	35.2		1.0	0.34
108-87-2	Methylcyclohexane	29.8		1.0	0.71
75-09-2	Methylene Chloride	20.3		1.0	0.32
1634-04-4	MTBE	20.4		1.0	0.22
100-42-5	Styrene	22.0		1.0	0.42
127-18-4	Tetrachloroethene	20.5		1.0	0.25
108-88-3	Toluene	21.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.8		1.0	0.22
79-01-6	Trichloroethene	99.3		1.0	0.31
75-69-4	Trichlorofluoromethane	19.7		1.0	0.32
75-01-4	Vinyl chloride	17.1		1.0	0.17
1330-20-7	Xylenes, Total	44.3		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	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D
Lims ID: 460-298659-A-3 MSD
Client ID: NL-MW-3_20240220
Sample Type: MSD
Inject. Date: 26-Feb-2024 12:20:52 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MSD
Misc. Info.: 460-0172710-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 13:05:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	26	2889	20.0	12.9	
3 Chlorotrifluoroethene	116	1.423	1.418	0.005	88	11917	20.0	13.3	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	41847	20.0	19.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	90743	20.0	15.3	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	15344	20.0	19.9	
6 Chloromethane	50	1.632	1.633	-0.001	88	99484	20.0	18.2	
7 Vinyl chloride	62	1.722	1.716	0.006	83	116746	20.0	17.1	
8 Butadiene	54	1.748	1.743	0.005	91	102336	20.0	18.3	
9 Bromomethane	94	2.015	2.010	0.005	97	30393	20.0	17.4	
10 Chloroethane	64	2.110	2.104	0.006	96	71601	20.0	22.8	
11 Dichlorofluoromethane	67	2.293	2.288	0.005	89	190446	20.0	20.6	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	82	143649	20.0	19.7	
13 Pentane	72	2.351	2.346	0.005	96	28731	40.0	41.6	
14 Ethanol	46	2.503	2.503	0.000	99	18358	800.0	1129.9	
15 Ethyl ether	59	2.555	2.550	0.005	93	70833	20.0	20.6	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	94	70748	20.0	21.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.597	0.005	86	79971	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	121548	20.0	18.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	75603	20.0	18.7	
19 Acrolein	56	2.733	2.734	-0.001	81	51470	40.0	64.8	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	82143	20.0	18.5	
22 Acetone	43	2.865	2.859	0.006	89	106701	100.0	92.5	
23 Iodomethane	142	2.927	2.928	-0.001	99	88214	20.0	14.2	
25 Isopropyl alcohol	45	2.954	2.954	0.000	37	47574	200.0	257.5	
24 Carbon disulfide	76	2.964	2.959	0.005	98	276973	20.0	18.9	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	90	58188	20.0	21.8	
28 Methyl acetate	43	3.121	3.122	-0.001	92	266215	40.0	94.2	
29 Cyclopentene	67	3.132	3.127	0.005	90	184126	20.0	20.9	
26 Acetonitrile	41	3.179	3.179	0.000	100	161162	200.0	340.4	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	95	54180	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	84	108869	20.0	20.3	

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	3.310	3.310	0.000	99	77988	200.0	226.2	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	97	244783	20.0	20.4	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	84	94984	20.0	19.0	
33 Acrylonitrile	53	3.536	3.531	0.005	94	339826	200.0	198.0	
36 Hexane	57	3.630	3.625	0.005	88	83766	20.0	20.1	
40 Isopropyl ether	45	3.861	3.861	0.000	95	240820	20.0	23.0	
37 1,1-Dichloroethane	63	3.897	3.892	0.005	94	161739	20.0	20.7	
38 Vinyl acetate	86	3.913	3.913	0.000	99	39043	40.0	64.0	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	86	80267	20.0	19.1	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	91	236490	20.0	20.8	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	89	361531	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.453	-0.005	71	33819	20.0	20.2	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	92	118350	20.0	20.9	
45 2-Butanone (MEK)	72	4.500	4.501	-0.001	98	53685	100.0	90.2	
47 Ethyl acetate	70	4.506	4.511	-0.005	96	18195	40.0	37.7	
48 Methyl acrylate	55	4.569	4.563	0.006	100	74539	20.0	19.0	
46 Propionitrile	54	4.652	4.647	0.005	99	128015	200.0	189.0	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	80	22839	40.0	37.8	
49 Chlorobromomethane	128	4.736	4.736	0.000	77	48515	20.0	17.0	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	386739	200.0	184.1	
52 Chloroform	83	4.799	4.799	0.000	94	163845	20.0	19.7	
55 Cyclohexane	84	4.941	4.936	0.005	89	246681	20.0	41.0	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	88	136842	20.0	19.1	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	174710	50.0	43.9	
56 Carbon tetrachloride	117	5.093	5.093	0.000	91	124041	20.0	18.8	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	118418	20.0	18.8	
59 Isobutyl alcohol	43	5.287	5.282	0.005	94	104550	500.0	627.2	
62 Isooctane	57	5.329	5.329	0.000	87	167027	20.0	20.9	
60 Benzene	78	5.360	5.360	0.000	95	435340	20.0	28.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	87	181691	50.0	51.2	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	82	234247	20.0	19.5	
63 Isopropyl acetate	61	5.439	5.439	0.000	85	42701	20.0	18.9	
61 1,2-Dichloroethane	62	5.470	5.471	-0.001	90	101651	20.0	18.5	
66 n-Heptane	43	5.549	5.549	0.000	87	55180	20.0	19.8	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	650058	50.0	50.0	
68 n-Butanol	56	6.068	6.063	0.005	82	48248	500.0	591.5	
67 Trichloroethene	95	6.110	6.110	0.000	95	526600	20.0	99.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	91	178864	20.0	29.8	
69 Ethyl acrylate	55	6.262	6.267	-0.005	95	235033	20.0	26.5	
71 1,2-Dichloropropane	63	6.456	6.451	0.005	94	88249	20.0	19.7	
* 73 1,4-Dioxane-d8	96	6.529	6.524	0.005	1	42208	1000.0	1000.0	
75 Methyl methacrylate	100	6.556	6.561	-0.005	80	44357	40.0	33.9	
74 1,4-Dioxane	88	6.587	6.587	0.000	56	20581	400.0	476.6	
72 Dibromomethane	93	6.598	6.603	-0.005	97	58353	20.0	17.8	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	95302	20.0	19.5	
77 Dichlorobromomethane	83	6.786	6.787	-0.001	95	122330	20.0	19.0	
78 2-Nitropropane	41	7.190	7.190	0.000	98	38156	40.0	40.2	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	100097	400.0	312.1	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	150563	20.0	22.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.589	7.594	-0.005	94	315646	100.0	108.9	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	645398	50.0	55.9	
84 Toluene	91	7.767	7.767	0.000	92	379027	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
85 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	91	134121	20.0	22.8	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	102221	20.0	22.9	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	95	70649	20.0	21.2	
88 Tetrachloroethene	166	8.496	8.496	0.000	93	99426	20.0	20.5	
89 1,3-Dichloropropane	76	8.705	8.711	-0.006	88	132016	20.0	22.9	
90 2-Hexanone	43	8.800	8.800	0.000	92	214122	100.0	102.0	
93 n-Butyl acetate	43	8.947	8.952	-0.005	96	100526	20.0	23.5	
91 Chlorodibromomethane	129	8.978	8.978	0.000	96	96817	20.0	20.5	
92 Ethylene Dibromide	107	9.162	9.162	0.000	97	83174	20.0	20.2	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	504715	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	96	243682	20.0	21.5	
97 Ethylbenzene	106	10.011	10.016	-0.005	98	140492	20.0	23.8	
96 1,1,1,2-Tetrachloroethane	131	10.027	10.032	-0.005	46	89004	20.0	22.3	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	160599	20.0	22.4	
99 o-Xylene	106	10.850	10.850	0.000	94	153665	20.0	21.8	
101 n-Butyl acrylate	73	10.866	10.866	0.000	85	63624	20.0	22.3	
100 Styrene	104	10.897	10.902	-0.005	96	249114	20.0	22.0	
102 Bromoform	173	11.212	11.212	0.000	96	68669	20.0	18.2	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	91	111544	20.0	26.6	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	588834	20.0	35.2	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	97	208032	50.0	46.4	
106 Bromobenzene	156	11.872	11.872	0.000	91	102260	20.0	21.9	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	98272	20.0	22.9	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	571292	20.0	32.1	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	29342	20.0	21.9	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	93	23260	20.0	22.9	
111 2-Chlorotoluene	91	12.119	12.119	0.000	95	287088	20.0	24.4	
112 4-Ethyltoluene	105	12.145	12.150	-0.005	99	374279	20.0	25.0	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	293807	20.0	24.9	
113 4-Chlorotoluene	91	12.271	12.271	0.000	97	284746	20.0	24.3	
115 Butyl Methacrylate	87	12.386	12.386	0.000	84	100506	20.0	24.0	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	266282	20.0	26.2	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	-0.001	97	302626	20.0	24.8	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	426696	20.0	29.7	
119 1,3-Dichlorobenzene	146	12.989	12.994	-0.005	96	169616	20.0	21.8	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	97	300538	20.0	24.6	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	255789	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	169806	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	312503	20.0	25.2	
124 Benzyl chloride	91	13.256	13.257	-0.001	99	176571	20.0	22.8	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	328739	20.0	25.5	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	186985	20.0	25.4	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	144602	20.0	25.3	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	97	152677	20.0	21.7	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	97	247420	20.0	24.1	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.227	-0.001	89	20992	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	94	102698	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	86290	20.0	20.9	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	80	43050	20.0	22.1	
134 Naphthalene	128	15.086	15.092	-0.006	99	212831	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	93	70583	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	

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	44.3	
S 140 Total BTEX	1				0		100.0	117.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	45.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 13:05:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D

Injection Date: 26-Feb-2024 12:20:52 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-3 MSD

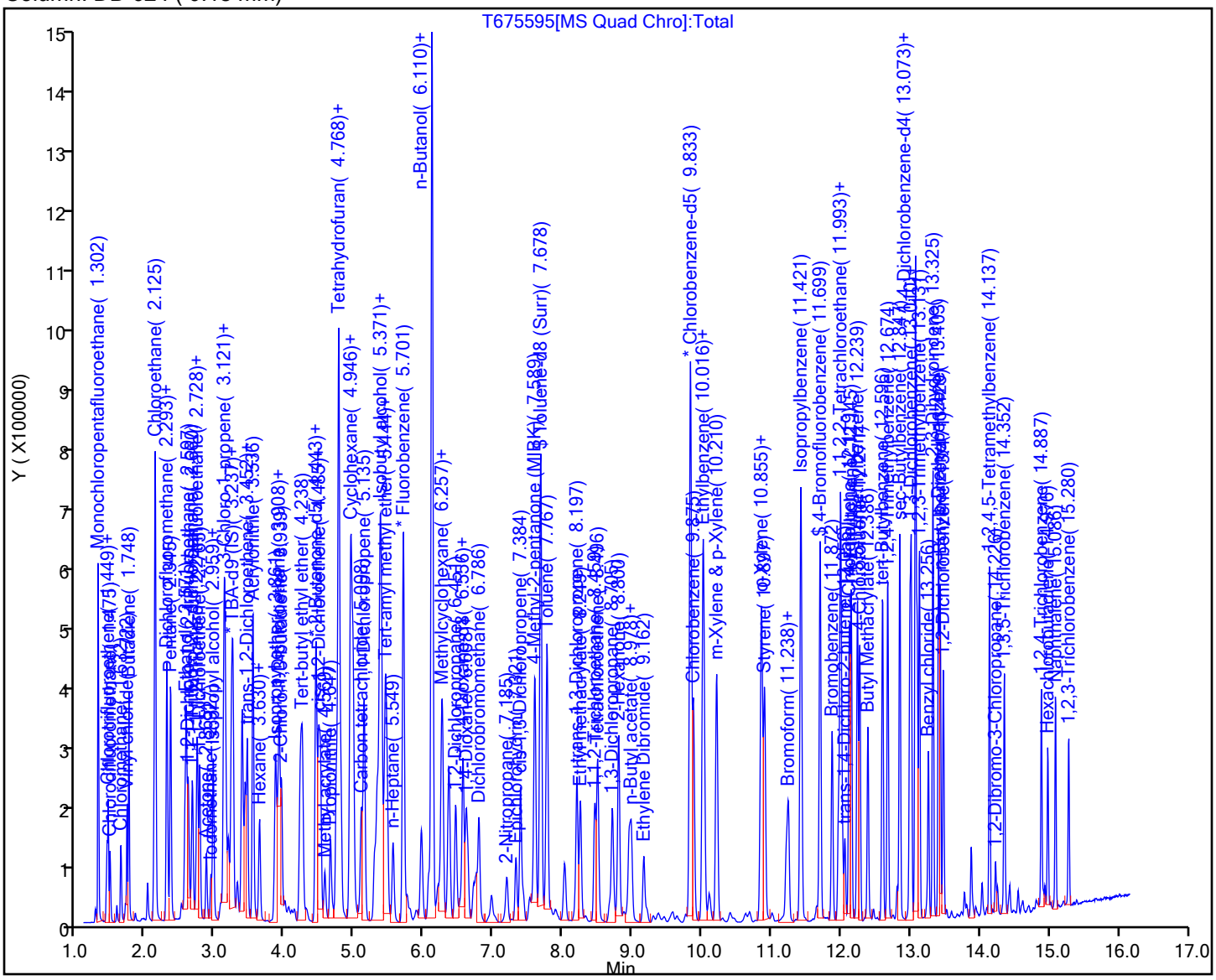
Client ID: NL-MW-3_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D
Lims ID: 460-298659-A-3 MSD
Client ID: NL-MW-3_20240220
Sample Type: MSD
Inject. Date: 26-Feb-2024 12:20:52 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MSD
Misc. Info.: 460-0172710-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 13:05:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.9	87.81
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.31
$ 83 Toluene-d8 (Surr)	50.0	55.9	111.72
$ 105 4-Bromofluorobenzene	50.0	46.4	92.76

Manual Integration/User Assign Peak Report

Eurofins Edison

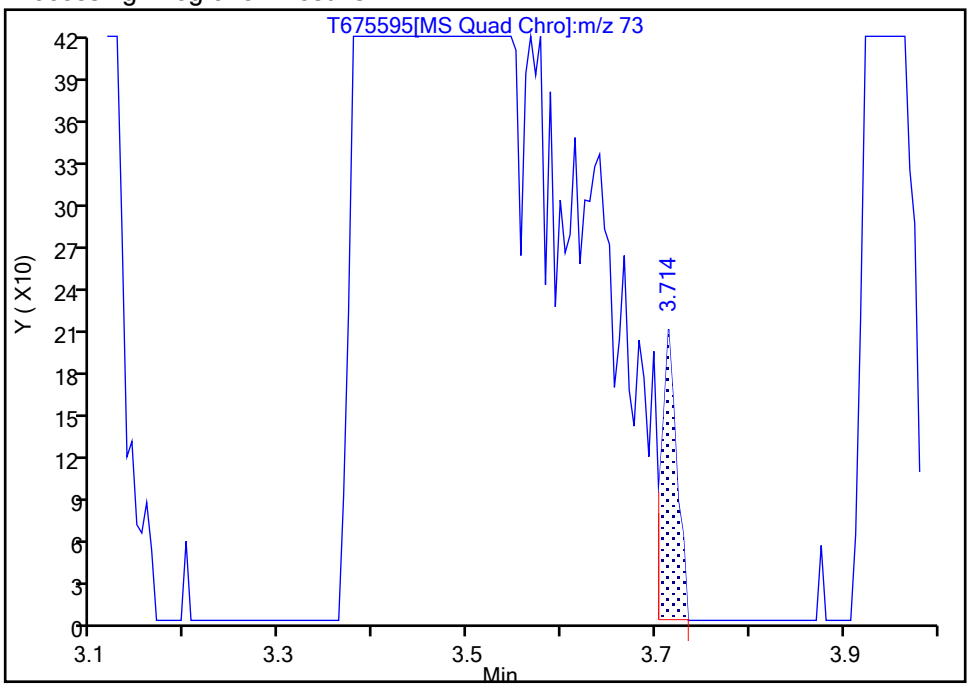
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Injection Date:	26-Feb-2024 12:20:52	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3 MSD				
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

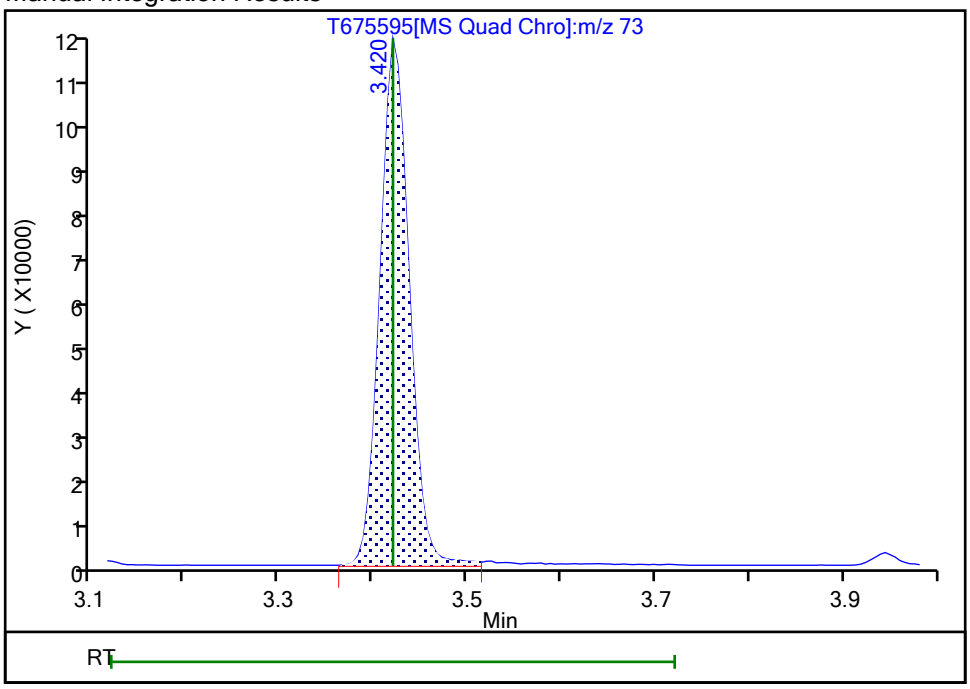
Processing Integration Results

RT: 3.71
Area: 237
Amount: 0.019746
Amount Units: ug/l



Manual Integration Results

RT: 3.42
Area: 244783
Amount: 20.394774
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 13:01:19 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 02/12/2024 21:52

Analysis Batch Number: 959077 End Date: 02/13/2024 13:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-959077/1		02/12/2024 21:52	1	T675075a.D	DB-624 0.18(mm)
STD8 460-959077/3 IC		02/12/2024 23:40	1	T675077.D	DB-624 0.18(mm)
STD05 460-959077/4 IC		02/13/2024 00:03	1	T675078.D	DB-624 0.18(mm)
STD1 460-959077/5 IC		02/13/2024 00:26	1	T675079.D	DB-624 0.18(mm)
STD5 460-959077/6 IC		02/13/2024 00:49	1	T675080.D	DB-624 0.18(mm)
STD20 460-959077/7 ICIS		02/13/2024 01:11	1	T675081.D	DB-624 0.18(mm)
STD50 460-959077/8 IC		02/13/2024 01:34	1	T675082.D	DB-624 0.18(mm)
STD200 460-959077/9 IC		02/13/2024 01:57	1	T675083.D	DB-624 0.18(mm)
STD500 460-959077/10 IC		02/13/2024 02:20	1	T675084.D	DB-624 0.18(mm)
ICV 460-959077/15		02/13/2024 04:14	1	T675089.D	DB-624 0.18(mm)
ZZZZZ		02/13/2024 04:37	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 04:59	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 06:08	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 06:31	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 06:54	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 07:16	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 07:39	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 08:02	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 08:25	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 08:48	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 09:10	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 09:33	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 09:56	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 10:19	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 10:42	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 12:13	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 12:36	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 12:59	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 13:22	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 13:45	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 02/26/2024 07:00

Analysis Batch Number: 961143 End Date: 02/26/2024 17:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-961143/3		02/26/2024 07:00	1	T675581.D	DB-624 0.18(mm)
LCS 460-961143/4		02/26/2024 07:25	1	T675582.D	DB-624 0.18(mm)
LCSD 460-961143/5		02/26/2024 07:48	1	T675583.D	DB-624 0.18(mm)
MB 460-961143/8		02/26/2024 08:57	1	T675586.D	DB-624 0.18(mm)
460-298659-5	NL-MW-TB-01_20240220	02/26/2024 09:19	1	T675587.D	DB-624 0.18(mm)
460-298659-6	NL-MW-FB-01_20240220	02/26/2024 09:42	1	T675588.D	DB-624 0.18(mm)
460-298659-1	NL-MW-1E_20240220	02/26/2024 10:05	1	T675589.D	DB-624 0.18(mm)
460-298659-2	NL-MW-2E_20240220	02/26/2024 10:27	1	T675590.D	DB-624 0.18(mm)
460-298659-4	NL-MW-Dup_20240220	02/26/2024 10:50	1	T675591.D	DB-624 0.18(mm)
460-298659-3	NL-MW-3_20240220	02/26/2024 11:13	1	T675592.D	DB-624 0.18(mm)
ZZZZZ		02/26/2024 11:35	10		DB-624 0.18(mm)
460-298659-3 MS	NL-MW-3_20240220 MS	02/26/2024 11:58	1	T675594.D	DB-624 0.18(mm)
460-298659-3 MSD	NL-MW-3_20240220 MSD	02/26/2024 12:20	1	T675595.D	DB-624 0.18(mm)
ZZZZZ		02/26/2024 13:06	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 13:28	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 13:51	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 14:14	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 14:36	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 14:59	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 15:22	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 15:44	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 16:07	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 17:15	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 17:38	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Batch Number: 959077 Batch Start Date: 02/12/24 21:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00165	524FREONS 00014	7 Freons Hi 00011	7 Freons SS 00010
BFB 460-959077/1		8260D		5 mL	5 mL				
STD8 460-959077/3 IC		8260D		5 mL	5 mL				
STD05 460-959077/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		
STD1 460-959077/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-959077/6 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-959077/7 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-959077/8 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-959077/9 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-959077/10 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-959077/15		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00176	8260MIX1COMB 00183	ACROLEIN SP 00161	ACROLEIN W 00165	ACRY/EPIH MIX 00121	BFB 00035
BFB 460-959077/1		8260D							1 uL
STD8 460-959077/3 IC		8260D						20 uL	
STD05 460-959077/4 IC		8260D			5 uL		2 uL		
STD1 460-959077/5 IC		8260D			10 uL		4 uL		
STD5 460-959077/6 IC		8260D			10 uL		4 uL		
STD20 460-959077/7 ICIS		8260D			20 uL		4 uL		
STD50 460-959077/8 IC		8260D			50 uL		10 uL		
STD200 460-959077/9 IC		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.: 460-298659-1

SDG No.:

Batch Number: 959077 Batch Start Date: 02/12/24 21:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00176	8260MIX1COMB 00183	ACROLEIN SP 00161	ACROLEIN W 00165	ACRY/EPIH MIX 00121	BFB 00035
STD500 460-959077/10 IC		8260D					40 uL		
ICV 460-959077/15		8260D		20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00086	GAS C SP 00554	GAS Hi 00462	GASES Li 00571	MIX 2 Hi 00145	MIX I Hi 00173
BFB 460-959077/1		8260D							
STD8 460-959077/3 IC		8260D					2.5 uL		
STD05 460-959077/4 IC		8260D					5 uL		
STD1 460-959077/5 IC		8260D					10 uL		
STD5 460-959077/6 IC		8260D					10 uL		
STD20 460-959077/7 ICIS		8260D					20 uL		
STD50 460-959077/8 IC		8260D					50 uL		
STD200 460-959077/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-959077/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-959077/15		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMTBA500 00045	VOA6IS/SURR 00069				
BFB 460-959077/1		8260D							
STD8 460-959077/3 IC		8260D		2 uL	5 uL				
STD05 460-959077/4 IC		8260D			5 uL				
STD1 460-959077/5 IC		8260D			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.: 460-298659-1

SDG No.:

Batch Number: 959077 Batch Start Date: 02/12/24 21:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMTBA500 00045	VOA6IS/SURR 00069				
STD5 460-959077/6 IC		8260D			5 uL				
STD20 460-959077/7 ICIS		8260D			5 uL				
STD50 460-959077/8 IC		8260D			5 uL				
STD200 460-959077/9 IC		8260D			5 uL				
STD500 460-959077/10 IC		8260D			5 uL				
ICV 460-959077/15		8260D			5 uL				

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.: 460-298659-1

SDG No.:

Batch Number: 961143 Batch Start Date: 02/26/24 07:00 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00015	8260MIX1COMB 00183	ACROLEIN W 00165
CCVIS 460-961143/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-961143/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-961143/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-961143/8		8260D		5 mL	5 mL				
460-298659-A-5	NL-MW-TB-01_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-6	NL-MW-FB-01_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-1	NL-MW-1E_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-2	NL-MW-2E_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-4	NL-MW-Dup_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-3	NL-MW-3_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-3 MS	NL-MW-3_20240220	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-298659-A-3 MSD	NL-MW-3_20240220	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00573	VOA6IS/SURR 00070				
CCVIS 460-961143/3		8260D		20 uL	5 uL				
LCS 460-961143/4		8260D		20 uL	5 uL				
LCSD 460-961143/5		8260D		20 uL	5 uL				
MB 460-961143/8		8260D			5 uL				
460-298659-A-5	NL-MW-TB-01_20240220	8260D	T		5 uL				
460-298659-A-6	NL-MW-FB-01_20240220	8260D	T		5 uL				
460-298659-A-1	NL-MW-1E_20240220	8260D	T		5 uL				
460-298659-A-2	NL-MW-2E_20240220	8260D	T		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.: 460-298659-1

SDG No.:

Batch Number: 961143 Batch Start Date: 02/26/24 07:00 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00573	VOA6IS/SURR 00070				
460-298659-A-4	NL-MW-Dup_20240220	8260D	T		5 uL				
460-298659-A-3	NL-MW-3_20240220	8260D	T		5 uL				
460-298659-A-3 MS	NL-MW-3_20240220	8260D	T	20 uL	5 uL				
460-298659-A-3 MSD	NL-MW-3_20240220	8260D	T	20 uL	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

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: C. Bearden	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No:
Client Contact: Dustin Kapson/Mark Jepson	Phone: 336-266-9330	E-Mail: melissa.haas@testamericainc.com		Page: Page 1 of 1
Company: AKRF Inc				Job #: 11455

Address: 440 Park Avenue South 7th Floor	Due Date Requested:	Analysis Requested
City: New York	TAT Requested (days): Standard TAT	
State, Zip: NY 10016		
Phone:	PO #:	
Email: dkapson@akrf.com	WO #:	
Project Name: 3200 Jerome	Project #: 11455	
Site: 3200 Jerome Ave Bronx, NY	SSOW#:	

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

460-298659 Chain of Custody

TCL VOC 8260

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Preservation Code:	Total Number of Containers	Special Instructions/Note:
							N N N N N N N N N		298659
NL-MW-1E_20240220	2/20/24	0910	G	GW			X	3	-1
NL-MW-2E_20240220		1012					X	3	-2
NL-MW-3_20240220		1106				X	X	3	-3
NL-MW-Dup_20240220		1200					X	3	-4
~~NL-MW-FB-20240220~~ (MS) 2/21/24									-
NL-MW-TB-01_20240220				TB			X	2	NL-MW-TB-01_20240220 -5
NL-MW-FB-01_20240220		1110		FB			X	3	-6

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify): NY Cat B + Equis

Special Instructions/QC Requirements:
lab to report project specific compound list

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Marcela Sanchez	2/20/24	AKRF	ETA	2-20-24 1300	ETA
Relinquished by:	Date/Time: 2-20 24 1700	Company ETA	Received by:	Date/Time: 2/20/24 1800	Company
Relinquished by:	Date/Time: 2/20/24 2000	Company	Received by:	Date/Time: 2/20/24 2000	Company ETA

Custody Seals Intact: △ Yes △ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

1.1/1.5 +1.0

Ver 01/16/2019

2/27/2024 9:41:16 AM

2112

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 298659

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	11 °C	15 °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. [signature] Date 2/20/24

2/27/2024
9:41:16 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-298659-1

Login Number: 298659
List Number: 1
Creator: Lysy, Susan

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	

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	**MW-3**
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	C. Bearden, M. Sanchez		
Date:	11/7/2023	**Sampling Time:**	10:35 AM		
PID at surface:	ND				
Total Depth:	22.98 ft. below top of casing	**Water Column (WC):**	4.98 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.00 ft. below top of casing	**Well Volume*:**	0.81 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2 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)
9:52	18.00	100	17.38	3.261	1.88	7.21	183.1	228.9	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20231107" collected.
9:57	18.20	100	17.04	3.237	1.38	7.26	140.0	125.5	
10:02	18.41	100	16.89	3.250	0.98	7.27	85.4	87.9	
10:07	18.59	100	16.83	3.258	0.89	7.26	67.4	63.3	
10:12	18.72	100	16.89	3.249	0.63	7.29	63.7	91.0	
10:17	18.89	100	17.00	3.238	0.57	7.30	59.8	50.0	
10:25	19.03	100	17.02	3.237	0.41	7.29	41.4	21.6	
10:30	19.10	100	17.02	3.238	0.41	7.27	34.6	15.6	
10:35	19.15	100	17.02	3.242	0.37	7.26	31.6	17.1	
Sampling									
10:48	19.20	100	17.00	3.258	0.29	7.23	29.0	13.6	
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_20231107 analyzed for: TCL VOCs by EPA Method 8260.

Well Sampling Log

Job No:	11455	**Client:**	RFLP	**Well No:**	
Project Location:	3200 Jerome Avenue, Bronx NY	**Sampled By:**	C. Bearden, M. Sanchez		**MW-1E**
Date:	2/20/2024	**Sampling Time:**	09:10 AM		
PID at surface:	ND				
Total Depth:	30.85 ft. below top of casing	**Water Column (WC):**	10.55 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	20.30 ft. below top of casing	**Well Volume*:**	1.72 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2.5 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:	28.00 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)
8:30	20.30	100	14.00	3.084	7.92	6.87	192..6	90.20	No odor or sheen observed.
8:35	20.30	100	14.30	3.086	7.82	6.86	203.0	45.37	
8:40	20.30	100	14.40	3.065	7.68	6.89	214.6	47.31	
8:45	20.30	100	14.30	3.025	7.41	6.91	223.1	46.78	
8:50	20.30	100	14.50	3.002	7.22	6.91	229.0	41.76	
8:55	20.30	100	14.20	2.960	7.00	6.91	236.4	40.23	
9:00	20.30	100	14.40	2.927	6.75	6.91	241.8	33.16	
9:05	20.30	100	14.40	2.898	6.63	6.91	245.8	29.20	
9:10	20.30	100	14.30	2.920	6.45	6.91	249.8	26.69	
9:10	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-1E_20240220 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:**	C. Bearden, M. Sanchez		
Date:	2/20/2024	**Sampling Time:**	10:12 AM		
PID at surface:	ND				
Total Depth:	24.15 ft. below top of casing	**Water Column (WC):**	3.31 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	20.84 ft. below top of casing	**Well Volume*:**	0.54 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2.5 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:	23.00 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)
9:30	20.00	100	13.10	0.714	5.79	8.99	164.2	303.00	No odor or sheen observed.
9:35	20.00	100	13.60	0.712	5.74	9.04	159.6	274.00	
9:40	20.00	100	14.10	0.719	5.40	8.96	172.6	170.00	
9:45	20.00	100	14.10	0.751	5.18	8.88	187.5	82.30	
9:50	20.00	100	14.30	0.777	4.67	8.82	191.8	51.53	
9:55	20.00	100	14.10	0.842	4.28	8.80	195.4	36.53	
10:00	20.00	100	14.20	0.892	4.15	8.75	182.2	31.59	
10:05	20.00	100	14.10	0.922	3.95	8.70	176.5	39.25	
10:10	20.00	100	14.10	0.943	3.90	8.68	174.4	34.92	
10:12	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_20240220 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:**	C. Bearden, M. Sanchez		
Date:	2/20/2024	**Sampling Time:**	11:06 AM		
PID at surface:	ND				
Total Depth:	22.90 ft. below top of casing	**Water Column (WC):**	4.37 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	18.53 ft. below top of casing	**Well Volume*:**	0.71 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	ND ft. below top of casing	**Volume Purged:**	2 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):**	QED Sample Pro Bladder Pump		
Approx. Pump Intake:	21.00 ft. below top of casing				

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)
10:30	18.53	100	16.60	3.617	2.17	7.01	220.4	83.31	No odor or sheen observed. Blind duplicate "NL-MW-DUP_20240220" collected.
10:35	18.53	100	16.90	3.603	2.05	7.08	154.7	76.54	
10:40	18.53	100	17.00	3.589	1.09	7.12	74.2	29.00	
10:45	18.53	100	17.00	3.575	0.90	7.14	55.4	28.89	
10:50	18.53	100	17.00	3.566	0.91	7.16	44.8	20.56	
10:55	18.53	100	17.00	3.561	0.38	7.16	40.9	22.83	
11:00	18.53	100	17.20	3.561	0.22	7.20	35.6	23.42	
11:05	18.53	100	17.20	3.564	0.22	7.20	31.7	22.70	
11:06	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-3_20240220 analyzed for: TCL VOCs by EPA Method 8260.

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/10/2023 2:16 PM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-292076-1

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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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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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-292076-1

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 11/7/2023 5:00 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 was 0.8º 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-3_20231107 (460-292076-1), NL-MW-Dup_20231107 (460-292076-2), NL-FB-01_20231107 (460-292076-3) and NL-TB-01_20231107 (460-292076-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/08/2023.

The continuing calibration verification (CCV) associated with batch 460-943343 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-943343 recovered outside control limit for Carbon disulfide. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Carbon disulfide failed the recovery criteria high for the MS of sample NL-MW-3_20231107MS (460-292076-1) in batch 460-943343.

Carbon disulfide failed the recovery criteria high for the MSD of sample NL-MW-3_20231107MSD (460-292076-1) in batch 460-943343.

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: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-292076-1	NL-MW-3_20231107	Water	11/07/23 10:35	11/07/23 17:00
460-292076-2	NL-MW-Dup_20231107	Water	11/07/23 10:45	11/07/23 17:00
460-292076-3	NL-FB-01_20231107	Water	11/07/23 11:00	11/07/23 17:00
460-292076-4	NL-TB-01_20231107	Water	11/07/23 00:00	11/07/23 17:00

Detection Summary

Client: AKRF Inc
Job ID: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-3_20231107 — Lab Sample ID: 460-292076-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.7		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.61	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	25		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	14		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	7.6		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.81	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.98	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	60		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.19	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-Dup_20231107 — Lab Sample ID: 460-292076-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.5		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	0.68	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	26		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	15		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	8.7		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.89	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	70		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.18	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-FB-01_20231107 — Lab Sample ID: 460-292076-3

No Detections.

Client Sample ID: NL-TB-01_20231107 — Lab Sample ID: 460-292076-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-292076-1
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-3_20231107
Lab Sample ID: 460-292076-1

Date Collected: 11/07/23 10:35
Matrix: Water

Date Received: 11/07/23 17:00

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			11/08/23 17:53	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 17:53	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 17:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 17:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 17:53	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 17:53	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 17:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 17:53	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 17:53	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 17:53	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 17:53	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 17:53	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 17:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 17:53	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 17:53	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 17:53	1
Benzene	**6.7**		1.0	0.20	ug/L			11/08/23 17:53	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 17:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 17:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 17:53	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 17:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 17:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
Chloroform	**0.61**	**J**	1.0	0.33	ug/L			11/08/23 17:53	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 17:53	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.22	ug/L			11/08/23 17:53	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 17:53	1
Cyclohexane	**25**		1.0	0.32	ug/L			11/08/23 17:53	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 17:53	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 17:53	1
Ethylbenzene	**1.5**		1.0	0.30	ug/L			11/08/23 17:53	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 17:53	1
Isopropylbenzene	**14**		1.0	0.34	ug/L			11/08/23 17:53	1
Methylcyclohexane	**7.6**		1.0	0.71	ug/L			11/08/23 17:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
MTBE	**0.81**	**J**	1.0	0.22	ug/L			11/08/23 17:53	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 17:53	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 17:53	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 17:53	1
trans-1,2-Dichloroethene	**0.98**	**J**	1.0	0.24	ug/L			11/08/23 17:53	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 17:53	1
Trichloroethene	**60**		1.0	0.31	ug/L			11/08/23 17:53	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 17:53	1
Vinyl chloride	**0.19**	**J**	1.0	0.17	ug/L			11/08/23 17:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*11/08/23 17:53*	*1*

Client Sample ID: NL-MW-3_20231107
Lab Sample ID: 460-292076-1

Date Collected: 11/07/23 10:35
Matrix: Water
Date Received: 11/07/23 17:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	102		76 - 120		11/08/23 17:53	1
Dibromofluoromethane (Surr)	84		77 - 132		11/08/23 17:53	1
Toluene-d8 (Surr)	105		80 - 120		11/08/23 17:53	1

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2

Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 18:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 18:16	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 18:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 18:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 18:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 18:16	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 18:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 18:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 18:16	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 18:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 18:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 18:16	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 18:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 18:16	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 18:16	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 18:16	1
Benzene	**6.5**		1.0	0.20	ug/L			11/08/23 18:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 18:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 18:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 18:16	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 18:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 18:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
Chloroform	**0.68**	**J**	1.0	0.33	ug/L			11/08/23 18:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 18:16	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			11/08/23 18:16	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 18:16	1
Cyclohexane	**26**		1.0	0.32	ug/L			11/08/23 18:16	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 18:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 18:16	1
Ethylbenzene	**1.5**		1.0	0.30	ug/L			11/08/23 18:16	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 18:16	1
Isopropylbenzene	**15**		1.0	0.34	ug/L			11/08/23 18:16	1
Methylcyclohexane	**8.7**		1.0	0.71	ug/L			11/08/23 18:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
MTBE	**0.89**	**J**	1.0	0.22	ug/L			11/08/23 18:16	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 18:16	1

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2

Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 18:16	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 18:16	1
trans-1,2-Dichloroethene	**0.91**	**J**	1.0	0.24	ug/L			11/08/23 18:16	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 18:16	1
Trichloroethene	**70**		1.0	0.31	ug/L			11/08/23 18:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 18:16	1
Vinyl chloride	**0.18**	**J**	1.0	0.17	ug/L			11/08/23 18:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/08/23 18:16*	*1*
Bromofluorobenzene	*101*		*76 - 120*		*11/08/23 18:16*	*1*
Dibromofluoromethane (Surr)	*84*		*77 - 132*		*11/08/23 18:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/08/23 18:16*	*1*

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3

Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:46	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 16:46	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 16:46	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 16:46	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 16:46	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 16:46	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 16:46	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 16:46	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 16:46	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 16:46	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 16:46	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 16:46	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 16:46	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 16:46	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 16:46	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 16:46	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 16:46	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 16:46	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 16:46	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 16:46	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 16:46	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 16:46	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3

Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:46	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 16:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 16:46	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:46	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 16:46	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 16:46	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 16:46	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 16:46	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 16:46	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:46	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 16:46	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:46	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 16:46	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*11/08/23 16:46*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*11/08/23 16:46*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*11/08/23 16:46*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/08/23 16:46*	*1*

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4

Date Collected: 11/07/23 00:00
Matrix: Water
Date Received: 11/07/23 17:00

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			11/08/23 16:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 16:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 16:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 16:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 16:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 16:23	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 16:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 16:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 16:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 16:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 16:23	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 16:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 16:23	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 16:23	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 16:23	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 16:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4

Date Collected: 11/07/23 00:00
Matrix: Water

Date Received: 11/07/23 17:00

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			11/08/23 16:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 16:23	1
Carbon disulfide	0.82	U *	1.0	0.82	ug/L			11/08/23 16:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 16:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 16:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 16:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 16:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 16:23	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 16:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 16:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 16:23	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 16:23	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 16:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 16:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 16:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 16:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 16:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 16:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/08/23 16:23*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*11/08/23 16:23*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*11/08/23 16:23*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/08/23 16:23*	*1*

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-292076-1

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)
460-292076-1	NL-MW-3_20231107	90	102	84	105
460-292076-1 MS	NL-MW-3_20231107	91	102	84	104
460-292076-1 MSD	NL-MW-3_20231107	93	99	84	103
460-292076-2	NL-MW-Dup_20231107	91	101	84	104
460-292076-3	NL-FB-01_20231107	90	99	86	105
460-292076-4	NL-TB-01_20231107	91	99	86	105
LCS 460-943343/5	Lab Control Sample	92	100	85	105
MB 460-943343/9	Method Blank	89	101	88	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 460-943343/9
Matrix: Water
Analysis Batch: 943343

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			11/08/23 12:37	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			11/08/23 12:37	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			11/08/23 12:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/08/23 12:37	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/08/23 12:37	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/08/23 12:37	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/08/23 12:37	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/08/23 12:37	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			11/08/23 12:37	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			11/08/23 12:37	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/08/23 12:37	1
2-Butanone	1.9	U	5.0	1.9	ug/L			11/08/23 12:37	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/08/23 12:37	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			11/08/23 12:37	1
Acetone	4.4	U	5.0	4.4	ug/L			11/08/23 12:37	1
Benzene	0.20	U	1.0	0.20	ug/L			11/08/23 12:37	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/08/23 12:37	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/08/23 12:37	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/08/23 12:37	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/08/23 12:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/08/23 12:37	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/08/23 12:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			11/08/23 12:37	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/08/23 12:37	1
Freon TF	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/08/23 12:37	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/08/23 12:37	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
MTBE	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Styrene	0.42	U	1.0	0.42	ug/L			11/08/23 12:37	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			11/08/23 12:37	1
Toluene	0.38	U	1.0	0.38	ug/L			11/08/23 12:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/08/23 12:37	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			11/08/23 12:37	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			11/08/23 12:37	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/08/23 12:37	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			11/08/23 12:37	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/08/23 12:37	1

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

Lab Sample ID: MB 460-943343/9
Matrix: Water
Analysis Batch: 943343

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 128		11/08/23 12:37	1
Bromofluorobenzene	101		76 - 120		11/08/23 12:37	1
Dibromofluoromethane (Surr)	88		77 - 132		11/08/23 12:37	1
Toluene-d8 (Surr)	105		80 - 120		11/08/23 12:37	1

Lab Sample ID: LCS 460-943343/5
Matrix: Water
Analysis Batch: 943343

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	17.8		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	18.4		ug/L		92	73 - 130
1,1-Dichloroethene	20.0	22.8		ug/L		114	68 - 133
1,2,4-Trichlorobenzene	20.0	19.4		ug/L		97	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/L		86	58 - 132
1,2-Dibromoethane	20.0	17.9		ug/L		90	79 - 126
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
1,2-Dichloroethane	20.0	16.6		ug/L		83	66 - 129
1,2-Dichloropropane	20.0	17.8		ug/L		89	68 - 128
1,3-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
2-Butanone	100	94.2		ug/L		94	61 - 142
2-Hexanone	100	85.3		ug/L		85	61 - 134
4-Methyl-2-pentanone	100	86.7		ug/L		87	69 - 139
Acetone	100	84.7		ug/L		85	49 - 149
Benzene	20.0	21.9		ug/L		109	71 - 126
Bromodichloromethane	20.0	15.9		ug/L		79	76 - 121
Bromoform	20.0	17.8		ug/L		89	58 - 136
Bromomethane	20.0	21.0		ug/L		105	10 - 120
Carbon disulfide	20.0	36.4	*	ug/L		182	68 - 138
Carbon tetrachloride	20.0	18.4		ug/L		92	65 - 142
Chlorobenzene	20.0	19.8		ug/L		99	80 - 120
Chloroethane	20.0	20.4		ug/L		102	48 - 150
Chloroform	20.0	16.7		ug/L		84	78 - 125
Chloromethane	20.0	21.1		ug/L		106	43 - 140
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 125
Cyclohexane	20.0	24.8		ug/L		124	60 - 142
Dibromochloromethane	20.0	18.1		ug/L		90	69 - 130
Dichlorodifluoromethane	20.0	20.8		ug/L		104	27 - 120
Ethylbenzene	20.0	19.5		ug/L		98	78 - 120
Freon TF	20.0	19.7		ug/L		99	51 - 142
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125
Methylcyclohexane	20.0	23.8		ug/L		119	49 - 149
Methylene Chloride	20.0	20.4		ug/L		102	74 - 127
MTBE	20.0	17.3		ug/L		86	72 - 131

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

Lab Sample ID: LCS 460-943343/5
Matrix: Water
Analysis Batch: 943343

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	19.7		ug/L		98	82 - 127
Tetrachloroethene	20.0	20.8		ug/L		104	70 - 127
Toluene	20.0	20.8		ug/L		104	78 - 120
trans-1,2-Dichloroethene	20.0	21.6		ug/L		108	74 - 126
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	66 - 127
Trichloroethene	20.0	18.3		ug/L		91	51 - 121
Trichlorofluoromethane	20.0	18.2		ug/L		91	50 - 120
Vinyl chloride	20.0	20.1		ug/L		100	55 - 144
Xylenes, Total	40.0	39.8		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-292076-1 MS
Matrix: Water
Analysis Batch: 943343

Client Sample ID: NL-MW-3_20231107
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	17.7		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.2		ug/L		86	63 - 139
1,1,2-Trichloroethane	0.20	U	20.0	18.7		ug/L		94	74 - 125
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130
1,1-Dichloroethene	0.26	U	20.0	23.9		ug/L		120	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	18.7		ug/L		93	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.1		ug/L		81	58 - 132
1,2-Dibromoethane	0.50	U	20.0	18.0		ug/L		90	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	18.9		ug/L		95	80 - 120
1,2-Dichloroethane	0.43	U	20.0	16.5		ug/L		82	66 - 129
1,2-Dichloropropane	0.35	U	20.0	17.5		ug/L		88	68 - 128
1,3-Dichlorobenzene	0.34	U	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	19.2		ug/L		96	80 - 120
2-Butanone	1.9	U	100	97.4		ug/L		97	61 - 142
2-Hexanone	1.1	U	100	90.4		ug/L		90	61 - 134
4-Methyl-2-pentanone	1.3	U	100	93.6		ug/L		94	69 - 139
Acetone	4.4	U	100	87.0		ug/L		87	49 - 149
Benzene	6.7		20.0	27.8		ug/L		105	71 - 126
Bromodichloromethane	0.34	U	20.0	16.6		ug/L		83	76 - 121
Bromoform	0.54	U	20.0	17.0		ug/L		85	58 - 136
Bromomethane	0.55	U	20.0	17.1		ug/L		85	10 - 120
Carbon disulfide	0.82	U *	20.0	37.9	*	ug/L		190	68 - 138
Carbon tetrachloride	0.21	U	20.0	18.3		ug/L		92	65 - 142
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120
Chloroethane	0.32	U	20.0	24.5		ug/L		122	48 - 150
Chloroform	0.61	J	20.0	17.1		ug/L		83	78 - 125
Chloromethane	0.40	U	20.0	21.6		ug/L		108	43 - 140

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

Lab Sample ID: 460-292076-1 MS | **Client Sample ID: NL-MW-3_20231107**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 943343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	2.1		20.0	20.8		ug/L		93	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	18.8		ug/L		94	74 - 125
Cyclohexane	25		20.0	46.3		ug/L		105	60 - 142
Dibromochloromethane	0.28	U	20.0	17.8		ug/L		89	69 - 130
Dichlorodifluoromethane	0.31	U	20.0	20.8		ug/L		104	27 - 120
Ethylbenzene	1.5		20.0	21.1		ug/L		98	78 - 120
Freon TF	0.31	U	20.0	20.4		ug/L		102	51 - 142
Isopropylbenzene	14		20.0	33.0		ug/L		93	79 - 125
Methylcyclohexane	7.6		20.0	30.0		ug/L		112	49 - 149
Methylene Chloride	0.32	U	20.0	24.7		ug/L		123	74 - 127
MTBE	0.81	J	20.0	18.0		ug/L		86	72 - 131
Styrene	0.42	U	20.0	19.8		ug/L		99	82 - 127
Tetrachloroethene	0.25	U	20.0	21.3		ug/L		107	70 - 127
Toluene	0.38	U	20.0	21.2		ug/L		106	78 - 120
trans-1,2-Dichloroethene	0.98	J	20.0	22.0		ug/L		105	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	18.1		ug/L		91	66 - 127
Trichloroethene	60		20.0	76.0		ug/L		78	51 - 121
Trichlorofluoromethane	0.32	U	20.0	18.6		ug/L		93	50 - 120
Vinyl chloride	0.19	J	20.0	20.5		ug/L		102	55 - 144
Xylenes, Total	0.65	U	40.0	41.0		ug/L		103	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 460-292076-1 MSD | **Client Sample ID: NL-MW-3_20231107**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 943343

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	17.8		ug/L		89	72 - 128	0	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	18.2		ug/L		91	63 - 139	6	30
1,1,2-Trichloroethane	0.20	U	20.0	18.5		ug/L		93	74 - 125	1	30
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130	0	30
1,1-Dichloroethene	0.26	U	20.0	24.5		ug/L		123	68 - 133	2	30
1,2,4-Trichlorobenzene	0.37	U	20.0	19.5		ug/L		98	67 - 132	4	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	17.5		ug/L		88	58 - 132	8	30
1,2-Dibromoethane	0.50	U	20.0	17.9		ug/L		90	79 - 126	0	30
1,2-Dichlorobenzene	0.21	U	20.0	19.0		ug/L		95	80 - 120	0	30
1,2-Dichloroethane	0.43	U	20.0	16.5		ug/L		83	66 - 129	0	30
1,2-Dichloropropane	0.35	U	20.0	17.2		ug/L		86	68 - 128	2	30
1,3-Dichlorobenzene	0.34	U	20.0	18.9		ug/L		94	80 - 120	1	30
1,4-Dichlorobenzene	0.33	U	20.0	19.0		ug/L		95	80 - 120	1	30
2-Butanone	1.9	U	100	99.1		ug/L		99	61 - 142	2	30
2-Hexanone	1.1	U	100	88.9		ug/L		89	61 - 134	2	30
4-Methyl-2-pentanone	1.3	U	100	92.2		ug/L		92	69 - 139	1	30

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

Lab Sample ID: 460-292076-1 MSD
Client Sample ID: NL-MW-3_20231107
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 943343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	88.4		ug/L		88	49 - 149	2	30
Benzene	6.7		20.0	27.7		ug/L		105	71 - 126	0	30
Bromodichloromethane	0.34	U	20.0	16.3		ug/L		81	76 - 121	2	30
Bromoform	0.54	U	20.0	16.9		ug/L		84	58 - 136	1	30
Bromomethane	0.55	U	20.0	18.5		ug/L		93	10 - 120	8	30
Carbon disulfide	0.82	U *	20.0	38.5	*	ug/L		193	68 - 138	2	30
Carbon tetrachloride	0.21	U	20.0	18.5		ug/L		92	65 - 142	1	30
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120	0	30
Chloroethane	0.32	U	20.0	23.0		ug/L		115	48 - 150	6	30
Chloroform	0.61	J	20.0	17.5		ug/L		84	78 - 125	2	30
Chloromethane	0.40	U	20.0	20.8		ug/L		104	43 - 140	4	30
cis-1,2-Dichloroethene	2.1		20.0	21.1		ug/L		95	78 - 121	2	30
cis-1,3-Dichloropropene	0.22	U	20.0	18.7		ug/L		93	74 - 125	1	30
Cyclohexane	25		20.0	45.0		ug/L		98	60 - 142	3	30
Dibromochloromethane	0.28	U	20.0	17.4		ug/L		87	69 - 130	2	30
Dichlorodifluoromethane	0.31	U	20.0	19.6		ug/L		98	27 - 120	6	30
Ethylbenzene	1.5		20.0	20.9		ug/L		97	78 - 120	1	30
Freon TF	0.31	U	20.0	20.5		ug/L		102	51 - 142	1	30
Isopropylbenzene	14		20.0	32.4		ug/L		90	79 - 125	2	30
Methylcyclohexane	7.6		20.0	30.2		ug/L		113	49 - 149	0	30
Methylene Chloride	0.32	U	20.0	24.9		ug/L		125	74 - 127	1	30
MTBE	0.81	J	20.0	18.6		ug/L		89	72 - 131	4	30
Styrene	0.42	U	20.0	19.4		ug/L		97	82 - 127	2	30
Tetrachloroethene	0.25	U	20.0	21.3		ug/L		106	70 - 127	0	30
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 120	1	30
trans-1,2-Dichloroethene	0.98	J	20.0	22.2		ug/L		106	74 - 126	1	30
trans-1,3-Dichloropropene	0.22	U	20.0	17.7		ug/L		88	66 - 127	2	30
Trichloroethene	60		20.0	77.5		ug/L		86	51 - 121	2	30
Trichlorofluoromethane	0.32	U	20.0	18.8		ug/L		94	50 - 120	1	30
Vinyl chloride	0.19	J	20.0	19.8		ug/L		98	55 - 144	4	30
Xylenes, Total	0.65	U	40.0	40.2		ug/L		101	80 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*84*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	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: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 943343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292076-1	NL-MW-3_20231107	Total/NA	Water	8260D	
460-292076-2	NL-MW-Dup_20231107	Total/NA	Water	8260D	
460-292076-3	NL-FB-01_20231107	Total/NA	Water	8260D	
460-292076-4	NL-TB-01_20231107	Total/NA	Water	8260D	
MB 460-943343/9	Method Blank	Total/NA	Water	8260D	
LCS 460-943343/5	Lab Control Sample	Total/NA	Water	8260D	
460-292076-1 MS	NL-MW-3_20231107	Total/NA	Water	8260D	
460-292076-1 MSD	NL-MW-3_20231107	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-292076-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-3_20231107
Lab Sample ID: 460-292076-1
Date Collected: 11/07/23 10:35
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 17:53

Client Sample ID: NL-MW-Dup_20231107
Lab Sample ID: 460-292076-2
Date Collected: 11/07/23 10:45
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 18:16

Client Sample ID: NL-FB-01_20231107
Lab Sample ID: 460-292076-3
Date Collected: 11/07/23 11:00
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 16:46

Client Sample ID: NL-TB-01_20231107
Lab Sample ID: 460-292076-4
Date Collected: 11/07/23 00:00
Matrix: Water
Date Received: 11/07/23 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	943343	KLB	EET EDI	11/08/23 16:23

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: 460-292076-1
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	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292076-1

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-3_20231107	460-292076-1	84	90	105	102
NL-MW-Dup_20231107	460-292076-2	84	91	104	101
NL-FB-01_20231107	460-292076-3	86	90	105	99
NL-TB-01_20231107	460-292076-4	86	91	105	99
	MB 460-943343/9	88	89	105	101
	LCS 460-943343/5	85	92	105	100
NL-MW-3_20231107 MS	460-292076-1 MS	84	91	104	102
NL-MW-3_20231107 MSD	460-292076-1 MSD	84	93	103	99

	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671957.D

Lab ID: LCS 460-943343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.8	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	63-139	
1,1,2-Trichloroethane	20.0	18.6	93	74-125	
1,1-Dichloroethane	20.0	18.4	92	73-130	
1,1-Dichloroethene	20.0	22.8	114	68-133	
1,2,4-Trichlorobenzene	20.0	19.4	97	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	58-132	
1,2-Dibromoethane	20.0	17.9	90	79-126	
1,2-Dichlorobenzene	20.0	18.6	93	80-120	
1,2-Dichloroethane	20.0	16.6	83	66-129	
1,2-Dichloropropane	20.0	17.8	89	68-128	
1,3-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	80-120	
2-Butanone	100	94.2	94	61-142	
2-Hexanone	100	85.3	85	61-134	
4-Methyl-2-pentanone	100	86.7	87	69-139	
Acetone	100	84.7	85	49-149	
Benzene	20.0	21.9	109	71-126	
Bromodichloromethane	20.0	15.9	79	76-121	
Bromoform	20.0	17.8	89	58-136	
Bromomethane	20.0	21.0	105	10-120	
Carbon disulfide	20.0	36.4	182	68-138	*
Carbon tetrachloride	20.0	18.4	92	65-142	
Chlorobenzene	20.0	19.8	99	80-120	
Chloroethane	20.0	20.4	102	48-150	
Chloroform	20.0	16.7	84	78-125	
Chloromethane	20.0	21.1	106	43-140	
cis-1,2-Dichloroethene	20.0	19.2	96	78-121	
cis-1,3-Dichloropropene	20.0	19.6	98	74-125	
Cyclohexane	20.0	24.8	124	60-142	
Dibromochloromethane	20.0	18.1	90	69-130	
Dichlorodifluoromethane	20.0	20.8	104	27-120	
Ethylbenzene	20.0	19.5	98	78-120	
Freon TF	20.0	19.7	99	51-142	
Isopropylbenzene	20.0	19.6	98	79-125	
Methylcyclohexane	20.0	23.8	119	49-149	
Methylene Chloride	20.0	20.4	102	74-127	
MTBE	20.0	17.3	86	72-131	
Styrene	20.0	19.7	98	82-127	
Tetrachloroethene	20.0	20.8	104	70-127	
Toluene	20.0	20.8	104	78-120	
trans-1,2-Dichloroethene	20.0	21.6	108	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671957.D

Lab ID: LCS 460-943343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	18.6	93	66-127	
Trichloroethene	20.0	18.3	91	51-121	
Trichlorofluoromethane	20.0	18.2	91	50-120	
Vinyl chloride	20.0	20.1	100	55-144	
Xylenes, Total	40.0	39.8	100	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671967.D

Lab ID: 460-292076-1 MS Client ID: NL-MW-3_20231107 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	17.7	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	17.2	86	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	18.7	94	74-125	
1,1-Dichloroethane	20.0	0.26 U	18.0	90	73-130	
1,1-Dichloroethene	20.0	0.26 U	23.9	120	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	18.7	93	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	16.1	81	58-132	
1,2-Dibromoethane	20.0	0.50 U	18.0	90	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	18.9	95	80-120	
1,2-Dichloroethane	20.0	0.43 U	16.5	82	66-129	
1,2-Dichloropropane	20.0	0.35 U	17.5	88	68-128	
1,3-Dichlorobenzene	20.0	0.34 U	19.0	95	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	19.2	96	80-120	
2-Butanone	100	1.9 U	97.4	97	61-142	
2-Hexanone	100	1.1 U	90.4	90	61-134	
4-Methyl-2-pentanone	100	1.3 U	93.6	94	69-139	
Acetone	100	4.4 U	87.0	87	49-149	
Benzene	20.0	6.7	27.8	105	71-126	
Bromodichloromethane	20.0	0.34 U	16.6	83	76-121	
Bromoform	20.0	0.54 U	17.0	85	58-136	
Bromomethane	20.0	0.55 U	17.1	85	10-120	
Carbon disulfide	20.0	0.82 U	37.9	190	68-138	*
Carbon tetrachloride	20.0	0.21 U	18.3	92	65-142	
Chlorobenzene	20.0	0.38 U	20.1	101	80-120	
Chloroethane	20.0	0.32 U	24.5	122	48-150	
Chloroform	20.0	0.61 J	17.1	83	78-125	
Chloromethane	20.0	0.40 U	21.6	108	43-140	
cis-1,2-Dichloroethene	20.0	2.1	20.8	93	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	18.8	94	74-125	
Cyclohexane	20.0	25	46.3	105	60-142	
Dibromochloromethane	20.0	0.28 U	17.8	89	69-130	
Dichlorodifluoromethane	20.0	0.31 U	20.8	104	27-120	
Ethylbenzene	20.0	1.5	21.1	98	78-120	
Freon TF	20.0	0.31 U	20.4	102	51-142	
Isopropylbenzene	20.0	14	33.0	93	79-125	
Methylcyclohexane	20.0	7.6	30.0	112	49-149	
Methylene Chloride	20.0	0.32 U	24.7	123	74-127	
MTBE	20.0	0.81 J	18.0	86	72-131	
Styrene	20.0	0.42 U	19.8	99	82-127	
Tetrachloroethene	20.0	0.25 U	21.3	107	70-127	
Toluene	20.0	0.38 U	21.2	106	78-120	
trans-1,2-Dichloroethene	20.0	0.98 J	22.0	105	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671967.D

Lab ID: 460-292076-1 MS Client ID: NL-MW-3_20231107 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	18.1	91	66-127	
Trichloroethene	20.0	60	76.0	78	51-121	
Trichlorofluoromethane	20.0	0.32 U	18.6	93	50-120	
Vinyl chloride	20.0	0.19 J	20.5	102	55-144	
Xylenes, Total	40.0	0.65 U	41.0	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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671968.D

Lab ID: 460-292076-1 MSD Client ID: NL-MW-3_20231107 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	17.8	89	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	6	30	63-139	
1,1,2-Trichloroethane	20.0	18.5	93	1	30	74-125	
1,1-Dichloroethane	20.0	18.0	90	0	30	73-130	
1,1-Dichloroethene	20.0	24.5	123	2	30	68-133	
1,2,4-Trichlorobenzene	20.0	19.5	98	4	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.5	88	8	30	58-132	
1,2-Dibromoethane	20.0	17.9	90	0	30	79-126	
1,2-Dichlorobenzene	20.0	19.0	95	0	30	80-120	
1,2-Dichloroethane	20.0	16.5	83	0	30	66-129	
1,2-Dichloropropane	20.0	17.2	86	2	30	68-128	
1,3-Dichlorobenzene	20.0	18.9	94	1	30	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	1	30	80-120	
2-Butanone	100	99.1	99	2	30	61-142	
2-Hexanone	100	88.9	89	2	30	61-134	
4-Methyl-2-pentanone	100	92.2	92	1	30	69-139	
Acetone	100	88.4	88	2	30	49-149	
Benzene	20.0	27.7	105	0	30	71-126	
Bromodichloromethane	20.0	16.3	81	2	30	76-121	
Bromoform	20.0	16.9	84	1	30	58-136	
Bromomethane	20.0	18.5	93	8	30	10-120	
Carbon disulfide	20.0	38.5	193	2	30	68-138	*
Carbon tetrachloride	20.0	18.5	92	1	30	65-142	
Chlorobenzene	20.0	20.1	101	0	30	80-120	
Chloroethane	20.0	23.0	115	6	30	48-150	
Chloroform	20.0	17.5	84	2	30	78-125	
Chloromethane	20.0	20.8	104	4	30	43-140	
cis-1,2-Dichloroethene	20.0	21.1	95	2	30	78-121	
cis-1,3-Dichloropropene	20.0	18.7	93	1	30	74-125	
Cyclohexane	20.0	45.0	98	3	30	60-142	
Dibromochloromethane	20.0	17.4	87	2	30	69-130	
Dichlorodifluoromethane	20.0	19.6	98	6	30	27-120	
Ethylbenzene	20.0	20.9	97	1	30	78-120	
Freon TF	20.0	20.5	102	1	30	51-142	
Isopropylbenzene	20.0	32.4	90	2	30	79-125	
Methylcyclohexane	20.0	30.2	113	0	30	49-149	
Methylene Chloride	20.0	24.9	125	1	30	74-127	
MTBE	20.0	18.6	89	4	30	72-131	
Styrene	20.0	19.4	97	2	30	82-127	
Tetrachloroethene	20.0	21.3	106	0	30	70-127	
Toluene	20.0	21.0	105	1	30	78-120	
trans-1,2-Dichloroethene	20.0	22.2	106	1	30	74-126	

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.: 460-292076-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T671968.D

Lab ID: 460-292076-1 MSD Client ID: NL-MW-3_20231107 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	17.7	88	2	30	66-127	
Trichloroethene	20.0	77.5	86	2	30	51-121	
Trichlorofluoromethane	20.0	18.8	94	1	30	50-120	
Vinyl chloride	20.0	19.8	98	4	30	55-144	
Xylenes, Total	40.0	40.2	101	2	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.: 460-292076-1

SDG No.:

Lab File ID: T671961.D Lab Sample ID: MB 460-943343/9

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

Instrument ID: CVOAMS15 Date Analyzed: 11/08/2023 12:37

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 460-943343/5	T671957.D	11/08/2023 11:06
NL-MW-3_20231107 MS	460-292076-1 MS	T671967.D	11/08/2023 14:53
NL-MW-3_20231107 MSD	460-292076-1 MSD	T671968.D	11/08/2023 15:15
NL-TB-01_20231107	460-292076-4	T671971.D	11/08/2023 16:23
NL-FB-01_20231107	460-292076-3	T671972.D	11/08/2023 16:46
NL-MW-3_20231107	460-292076-1	T671975.D	11/08/2023 17:53
NL-MW-Dup_20231107	460-292076-2	T671976.D	11/08/2023 18:16

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

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab File ID: T671306.D BFB Injection Date: 10/27/2023

Instrument ID: CVOAMS15 BFB Injection Time: 10:37

Analysis Batch No.: 940983

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	89.4
96	5 - 9% of m/z 95	8.0
173	Less than 2% of m/z 174	1.1
174	50 - 200% of m/z 95	111.9
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	96.7
177	5 - 10% of m/z 176	7.3

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 460-940983/5	T671310.D	10/27/2023	12:09
	STD1 460-940983/7	T671312.D	10/27/2023	12:54
	STD5 460-940983/8	T671313.D	10/27/2023	13:17
	STD20 460-940983/9	T671314.D	10/27/2023	13:40
	STD50 460-940983/10	T671315.D	10/27/2023	14:02
	STD200 460-940983/11	T671316.D	10/27/2023	14:25
	STD500 460-940983/12	T671317.D	10/27/2023	14:48
	ICV 460-940983/1020	-T671325-ICV.	10/27/2023	18:15

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

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Sample No.: STD20 460-940983/9 Date Analyzed: 10/27/2023 13:40

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671314.D Heated Purge: (Y/N) N

Calibration ID: 94875

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		39297	3.24	278634	4.44	598469	5.71
UPPER LIMIT		78594	3.74	557268	4.94	1196938	6.21
LOWER LIMIT		19649	2.74	139317	3.94	299235	5.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-940983/1020		48047	3.24	342218	4.44	686458	5.71

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.: 460-292076-1

SDG No.:

Sample No.: STD20 460-940983/9 Date Analyzed: 10/27/2023 13:40

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671314.D Heated Purge: (Y/N) N

Calibration ID: 94875

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31781	6.54	488492	9.84	267442	13.08
UPPER LIMIT		63562	7.04	976984	10.34	534884	13.58
LOWER LIMIT		15891	6.04	244246	9.34	133721	12.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-940983/1020		35139	6.54	558425	9.84	300123	13.08

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.: 460-292076-1

SDG No.:

Sample No.: CCVIS 460-943343/4 Date Analyzed: 11/08/2023 10:44

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671956.D Heated Purge: (Y/N) N

Calibration ID: 94875

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42232	3.24	318568	4.44	702405	5.71
UPPER LIMIT		84464	3.74	637136	4.94	1404810	6.21
LOWER LIMIT		21116	2.74	159284	3.94	351203	5.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-943343/5		42220	3.24	331775	4.44	737848	5.71
MB 460-943343/9		38869	3.24	296973	4.44	747741	5.71
460-292076-1 MS	NL-MW-3_20231107 MS	41533	3.24	293810	4.44	753843	5.71
460-292076-1 MSD	NL-MW-3_20231107 MSD	43333	3.24	309501	4.44	745265	5.71
460-292076-4	NL-TB-01_20231107	33327	3.24	272931	4.44	675236	5.71
460-292076-3	NL-FB-01_20231107	34104	3.24	268339	4.44	660193	5.71
460-292076-1	NL-MW-3_20231107	35731	3.24	279367	4.44	733285	5.71
460-292076-2	NL-MW-Dup_20231107	43966	3.24	325824	4.44	734257	5.71

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.: 460-292076-1

SDG No.:

Sample No.: CCVIS 460-943343/4 Date Analyzed: 11/08/2023 10:44

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T671956.D Heated Purge: (Y/N) N

Calibration ID: 94875

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35780	6.54	546566	9.84	292906	13.08
UPPER LIMIT		71560	7.04	1093132	10.34	585812	13.58
LOWER LIMIT		17890	6.04	273283	9.34	146453	12.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-943343/5		36542	6.53	567840	9.84	301346	13.08
MB 460-943343/9		36941	6.53	581554	9.84	312829	13.08
460-292076-1 MS	NL-MW-3_20231107 MS	35992	6.54	585039	9.84	315598	13.08
460-292076-1 MSD	NL-MW-3_20231107 MSD	36450	6.53	580833	9.84	307506	13.08
460-292076-4	NL-TB-01_20231107	30254	6.53	515399	9.84	269823	13.08
460-292076-3	NL-FB-01_20231107	29754	6.52	504914	9.84	265208	13.08
460-292076-1	NL-MW-3_20231107	33058	6.54	561700	9.84	300015	13.08
460-292076-2	NL-MW-Dup_20231107	38779	6.52	568150	9.84	307356	13.08

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.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

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	6.7		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	0.61	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	25		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 | Lab Sample ID: 460-292076-1

Matrix: Water | Lab File ID: T671975.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 17:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	7.6		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.98	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	60		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.19	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)	90		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Lims ID: 460-292076-C-1
Client ID: NL-MW-3_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 17:53:56 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1
Misc. Info.: 460-0168581-023
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:24 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:04:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.722	0.000	51	1411	0.1899	
13 Pentane	72	2.351	2.351	0.000	95	3319	6.03	
15 Ethyl ether	59	2.561	2.555	0.006	80	1707	0.4796	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	92	35731	1000.0	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	67	9731	0.8081	a
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	69	4676	0.9799	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	279367	250.0	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	85	12513	2.12	
52 Chloroform	83	4.805	4.805	0.000	96	5694	0.6149	
55 Cyclohexane	84	4.946	4.941	0.005	91	146866	25.4	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	188214	41.8	
60 Benzene	78	5.366	5.366	0.000	95	114082	6.75	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.387	0.005	92	177445	44.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	733285	50.0	
67 Trichloroethene	95	6.115	6.115	0.000	94	314021	60.4	
70 Methylcyclohexane	83	6.252	6.262	-0.010	92	47043	7.57	a
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	0	33058	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	733823	52.3	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	561700	50.0	
97 Ethylbenzene	106	10.021	10.016	0.005	97	10822	1.52	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	94	3810	0.4575	
104 Isopropylbenzene	105	11.427	11.432	-0.005	94	295902	14.5	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	95	256460	51.1	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	116686	4.91	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	27460	1.98	
118 sec-Butylbenzene	105	12.853	12.853	0.000	98	114844	5.86	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	300015	50.0	
123 1,2,3-Trimethylbenzene	105	13.136	13.136	0.000	96	17946	1.09	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	87	24046	1.47	
127 p-Diethylbenzene	119	13.409	13.409	0.000	95	14595	1.46	
128 n-Butylbenzene	92	13.430	13.430	0.000	90	4616	0.5669	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		3.10	
S 140 Total BTEX	1				0		8.73	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

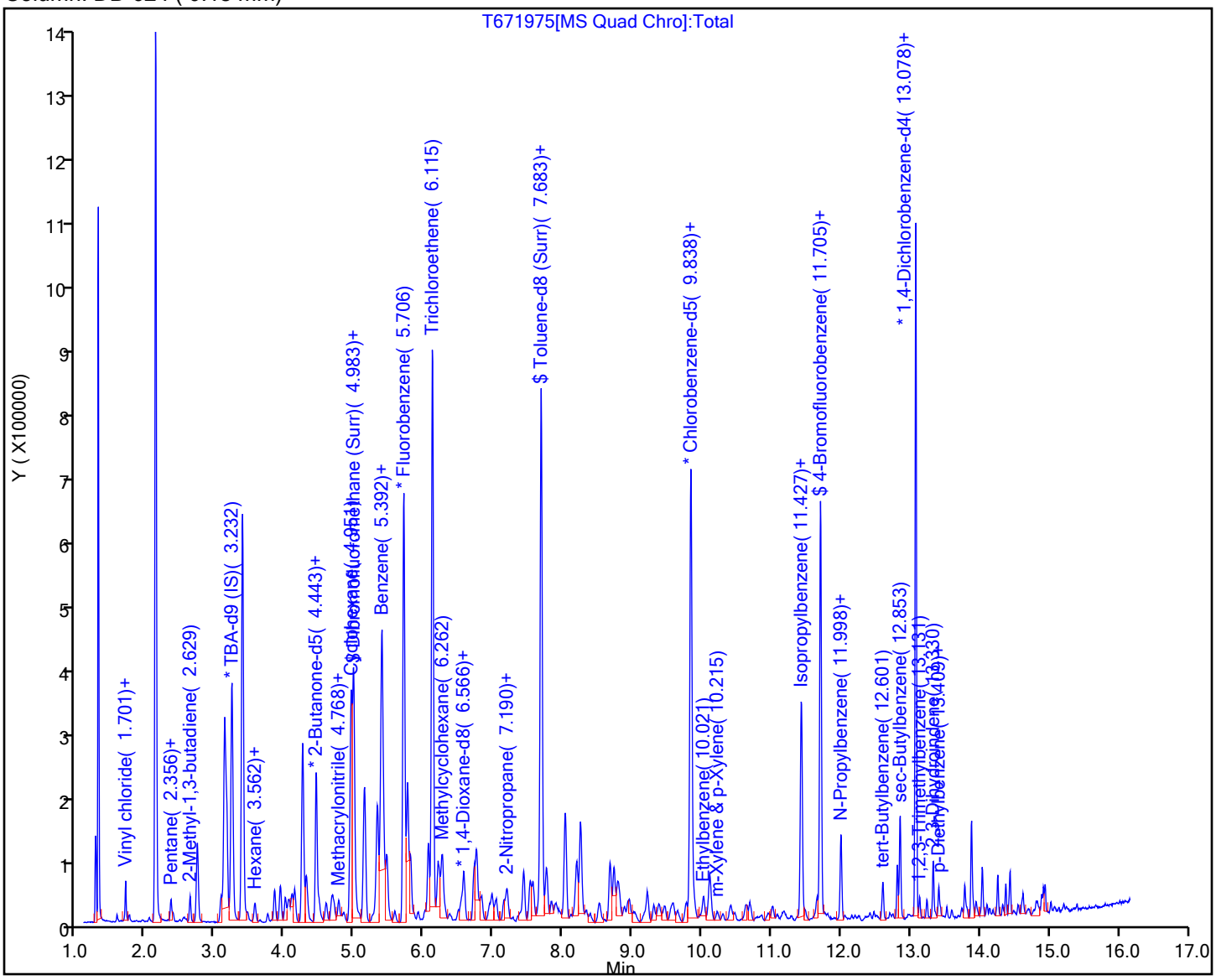
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Injection Date: 08-Nov-2023 17:53:56 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-1 Lab Sample ID: 460-292076-1
Client ID: NL-MW-3_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Lims ID:	460-292076-C-1				
Client ID:	NL-MW-3_20231107				
Sample Type:	Client				
Inject. Date:	08-Nov-2023 17:53:56	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-292076-C-1				
Misc. Info.:	460-0168581-023				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	09-Nov-2023 10:42:24	Calib Date:	27-Oct-2023 14:48:16		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1618				
First Level Reviewer: HVW2		Date:	09-Nov-2023 01:04:34		

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.8	83.58
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.9	89.79
$ 83 Toluene-d8 (Surr)	50.0	52.3	104.60
$ 105 4-Bromofluorobenzene	50.0	51.1	102.16

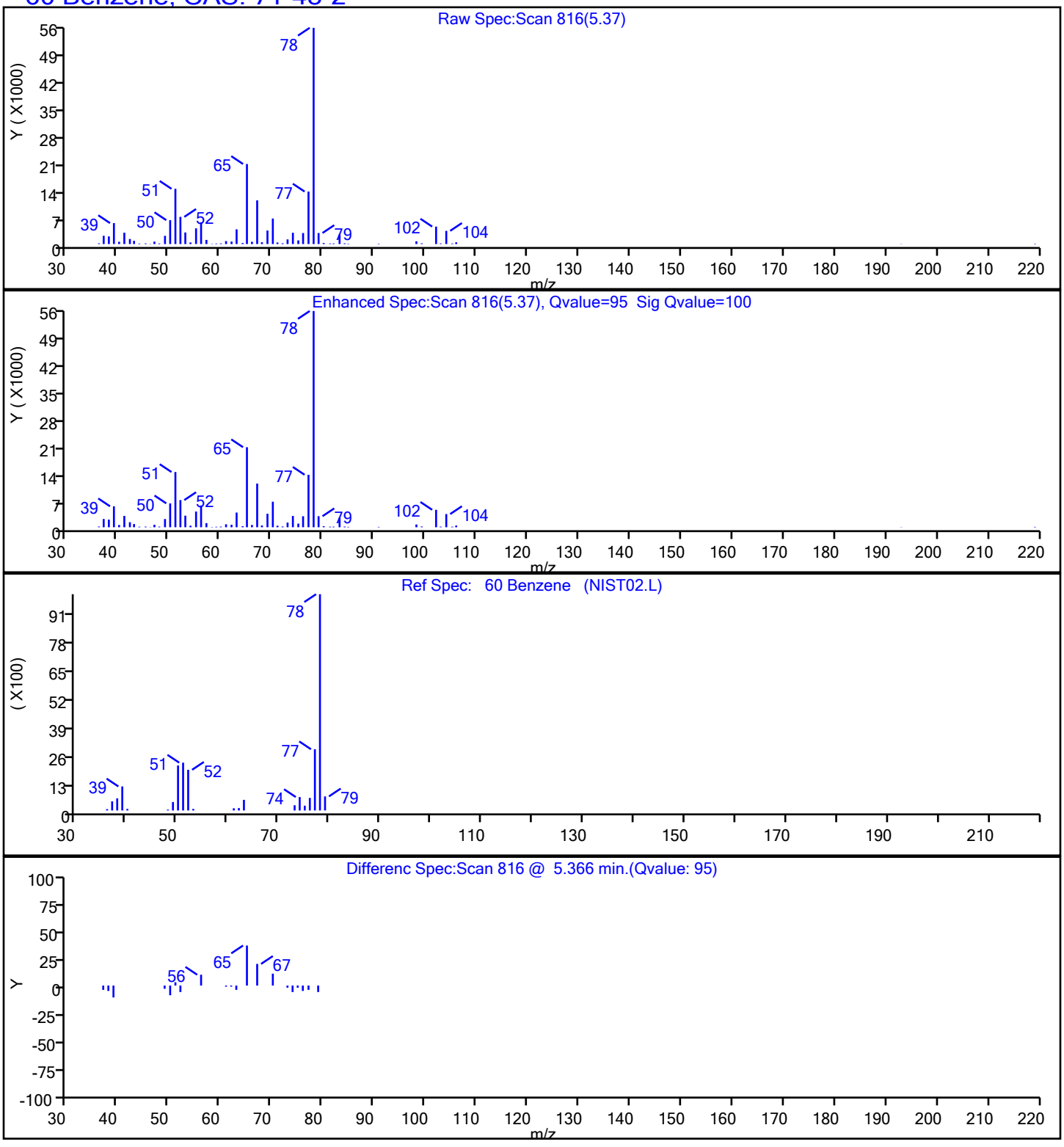
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



11/10/2023
2:16 PM

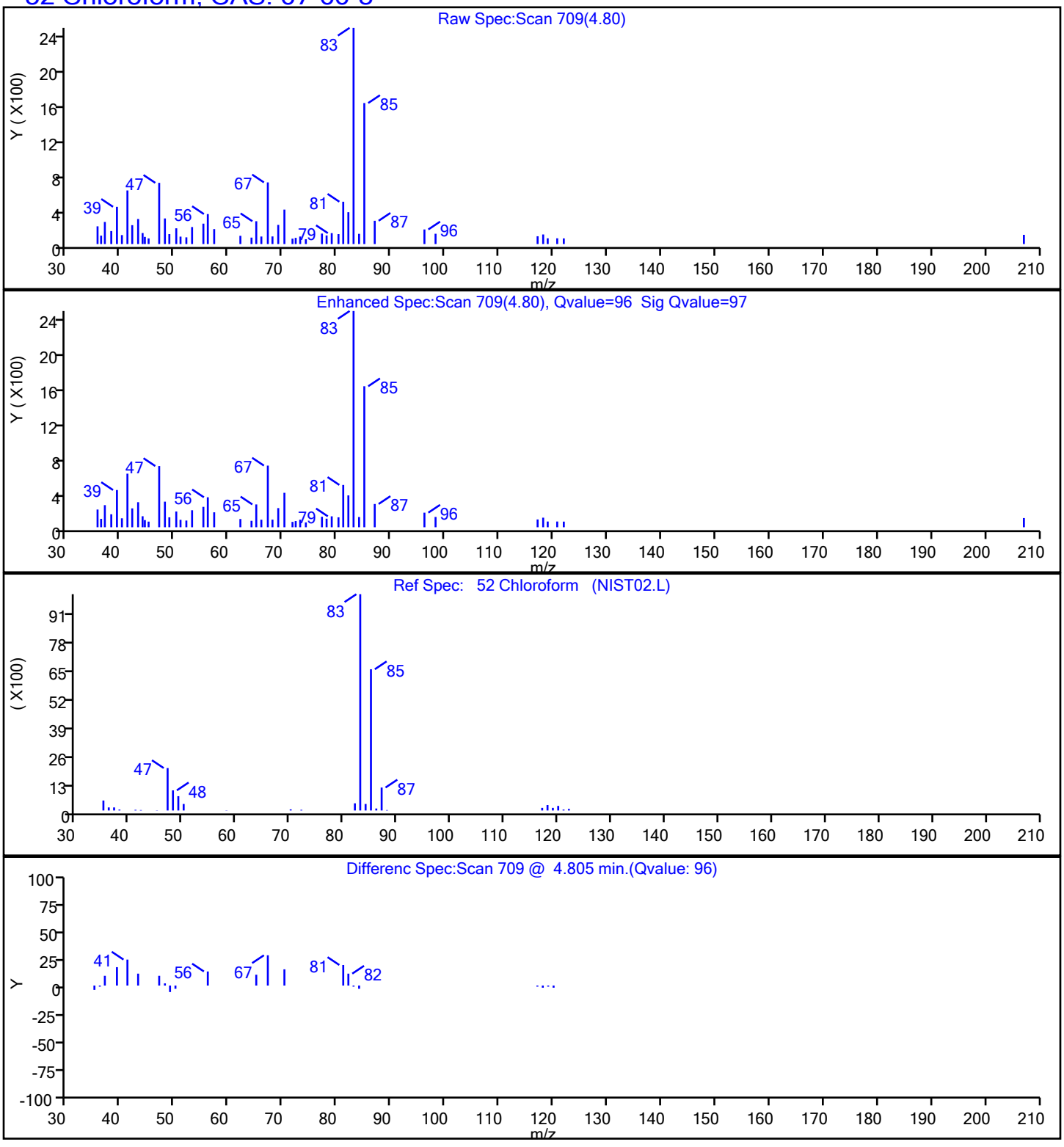
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



11/10/2023
2:16 PM

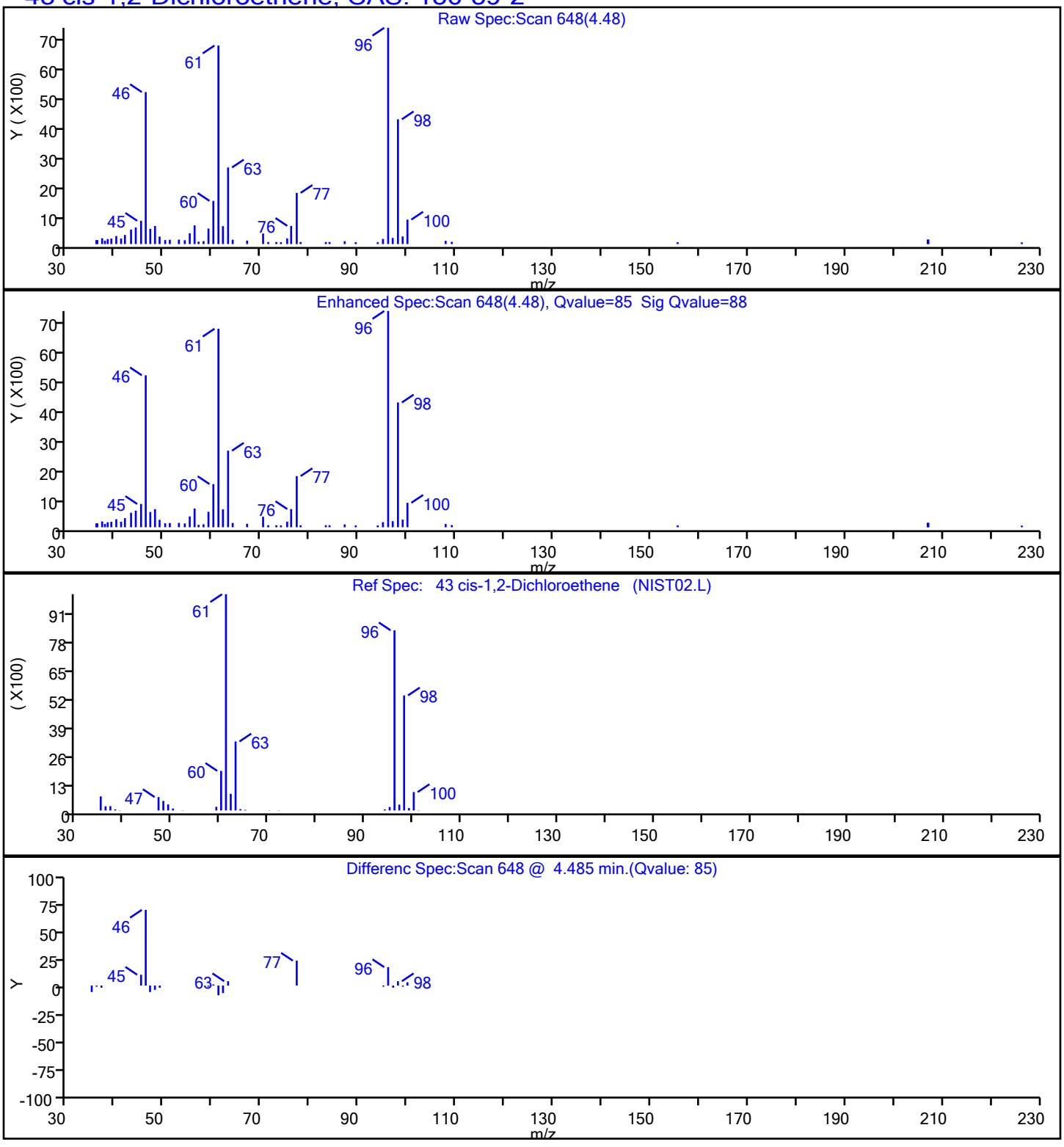
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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

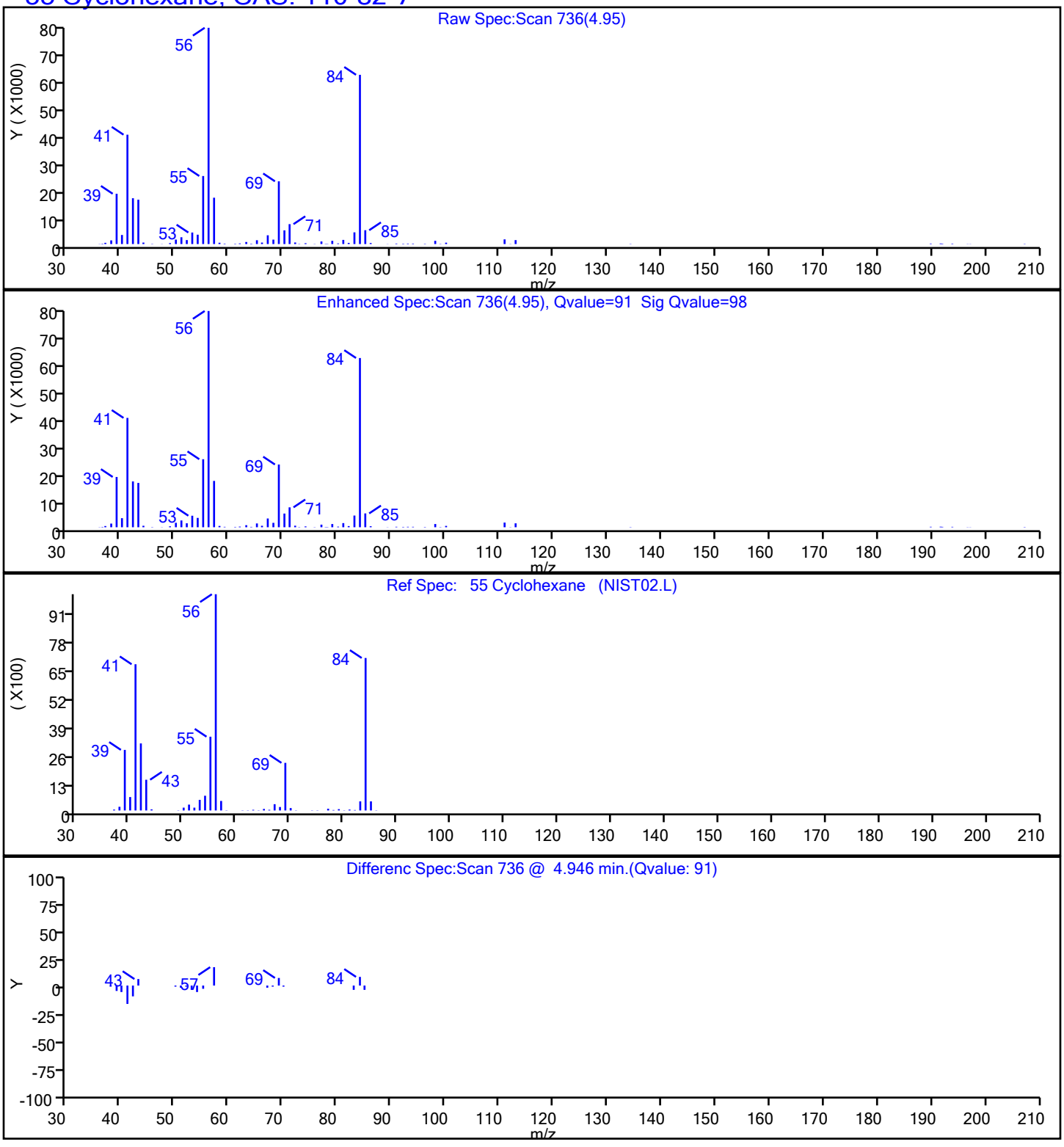


11/10/2023
2:16 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

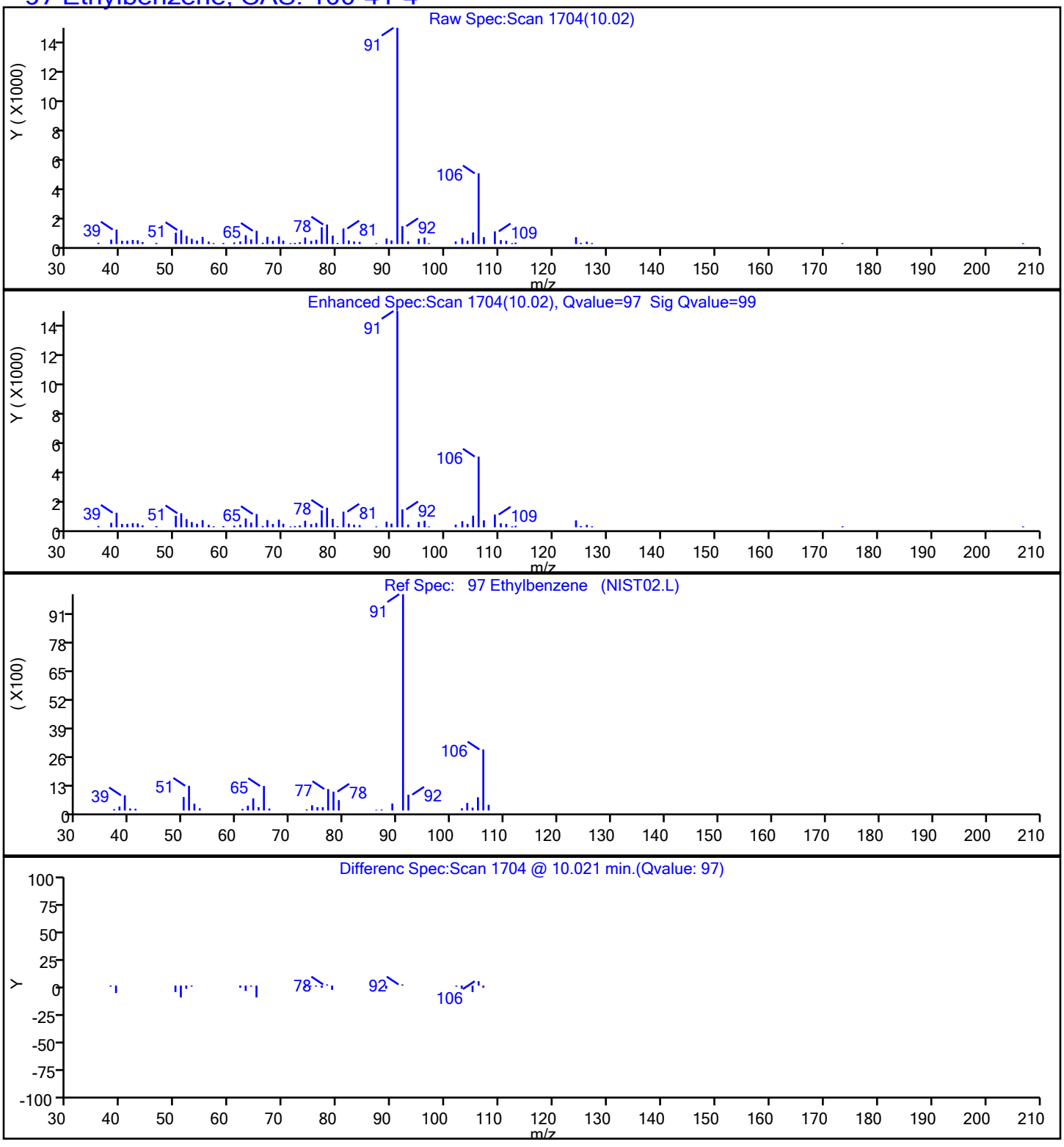
55 Cyclohexane, CAS: 110-82-7



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D		
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



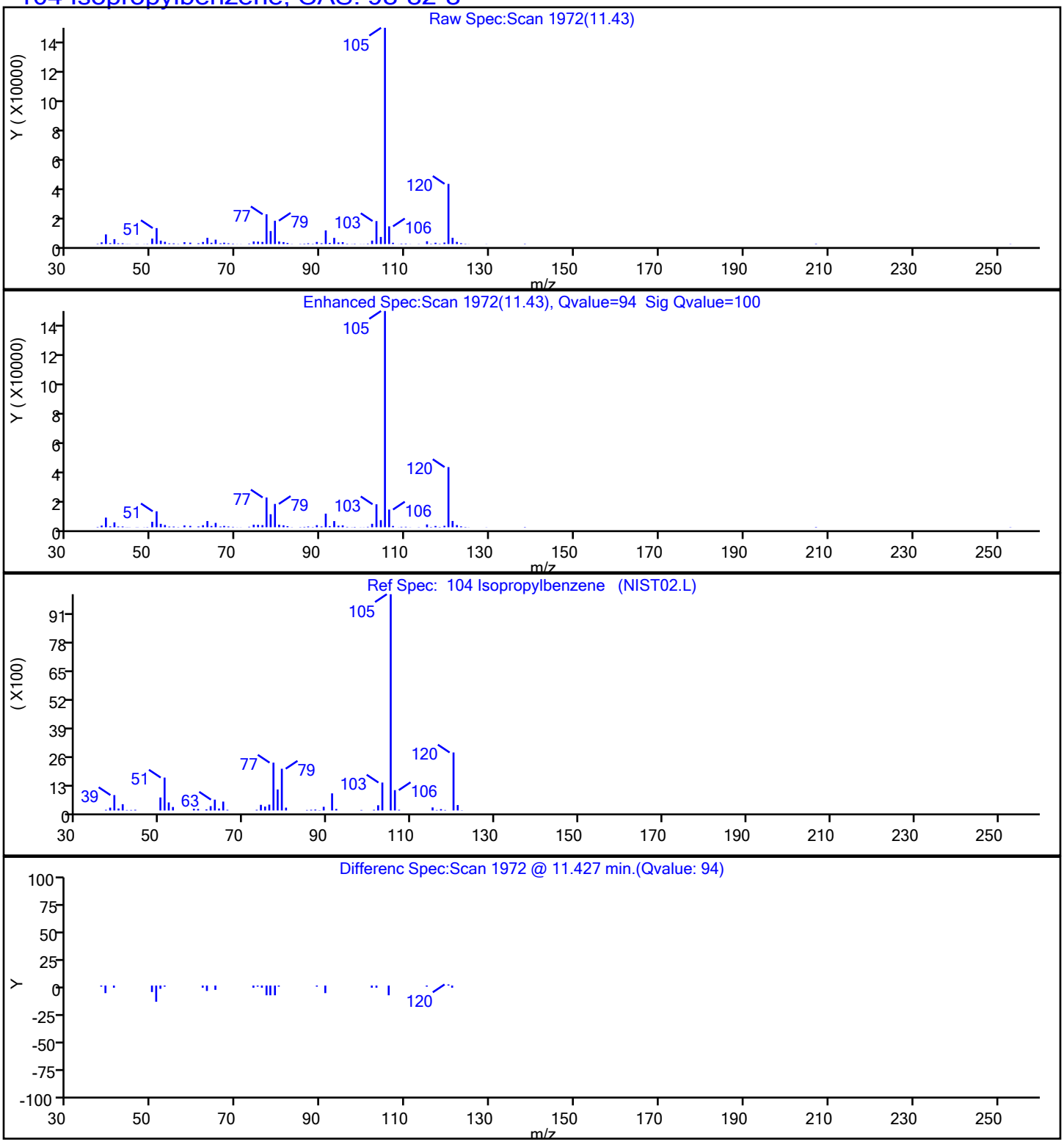
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

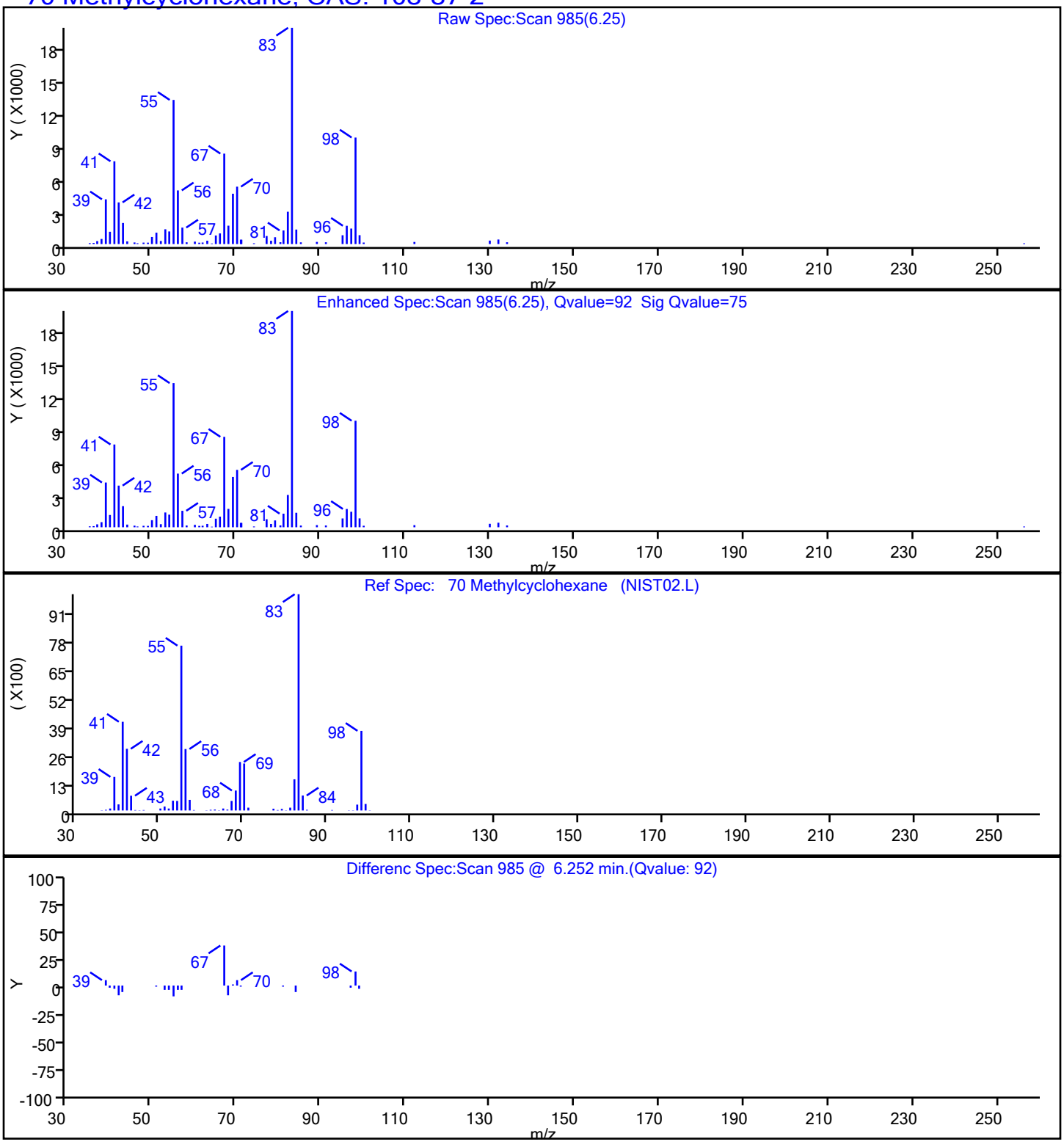
104 Isopropylbenzene, CAS: 98-82-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

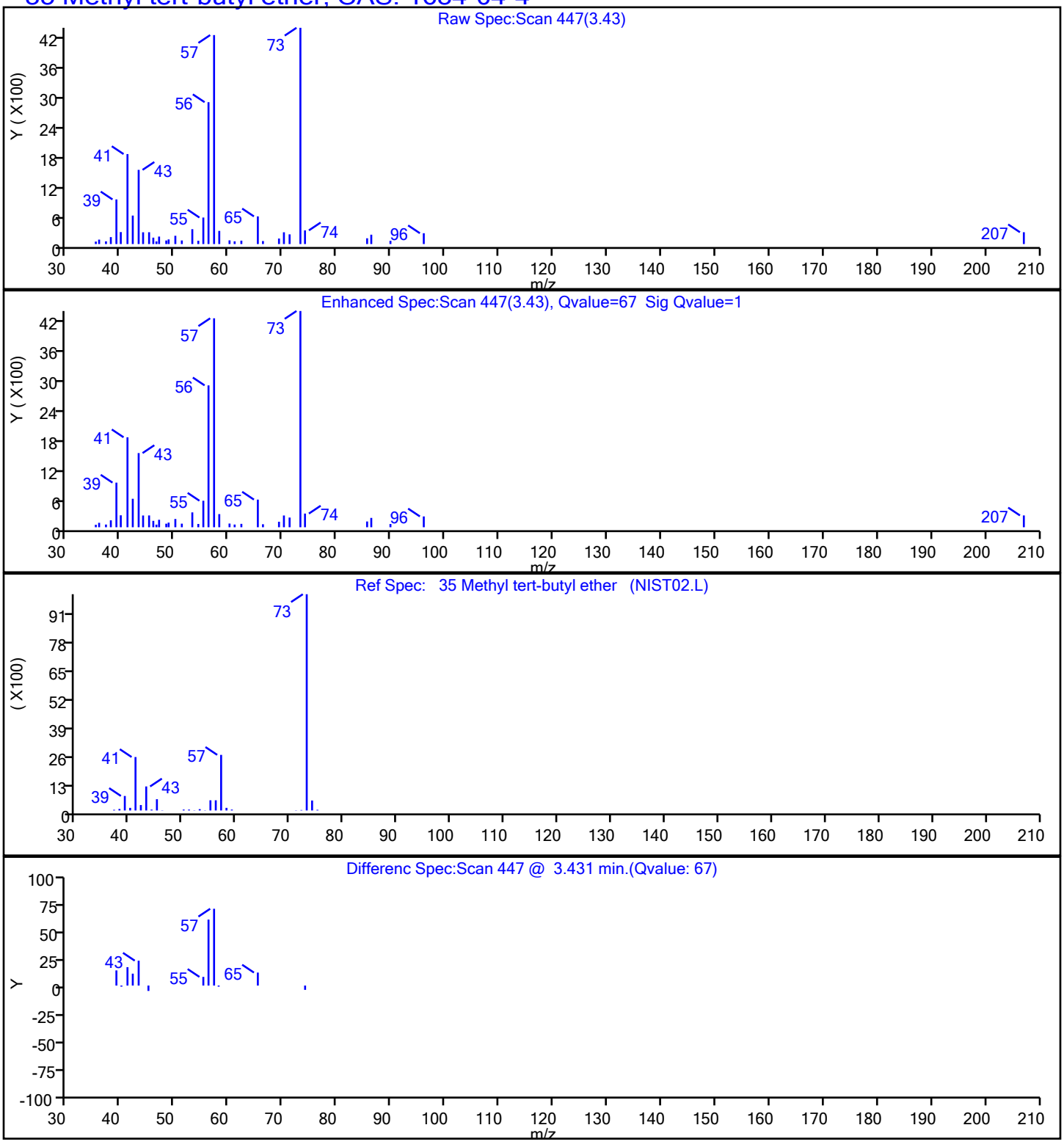
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



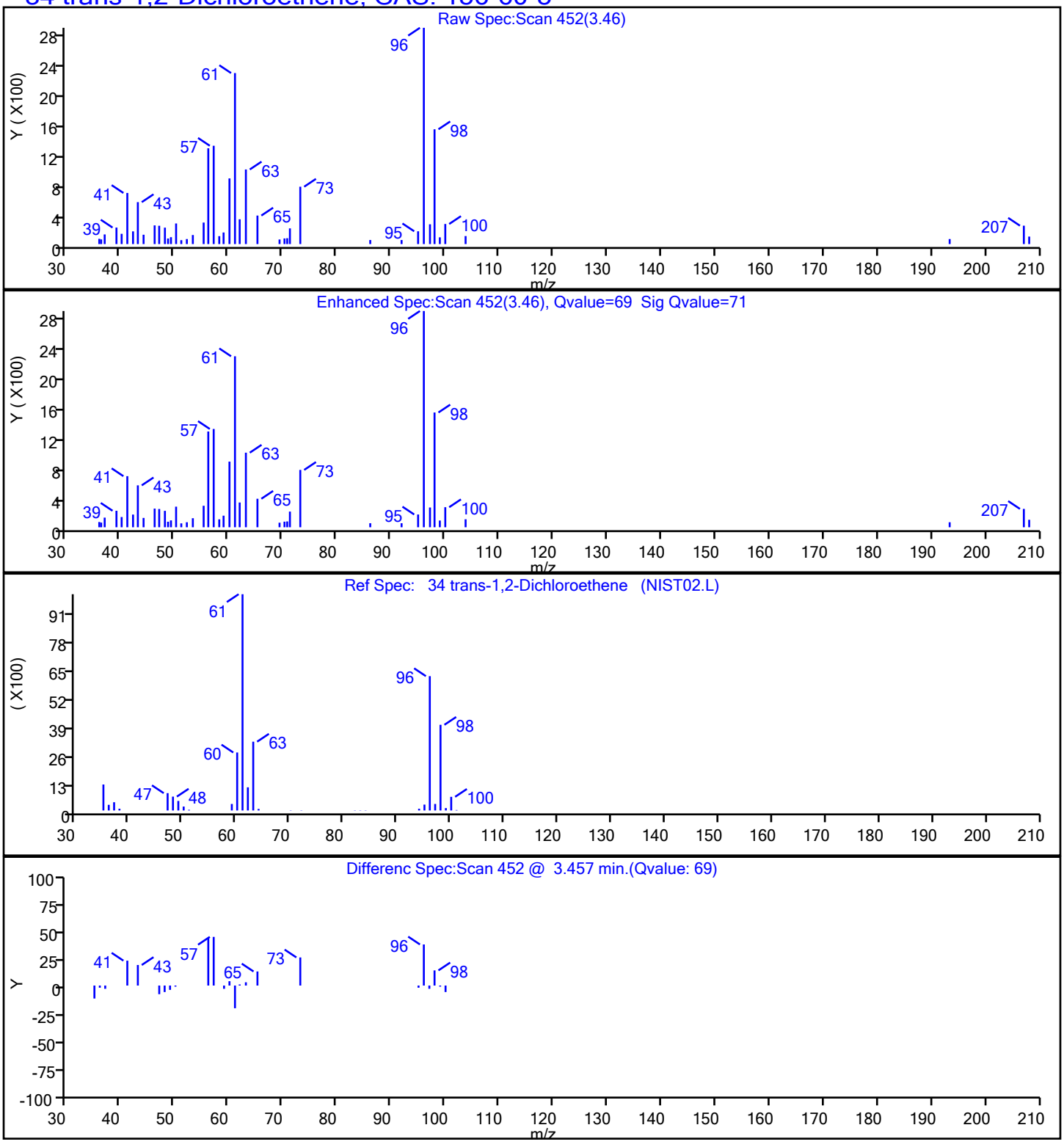
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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

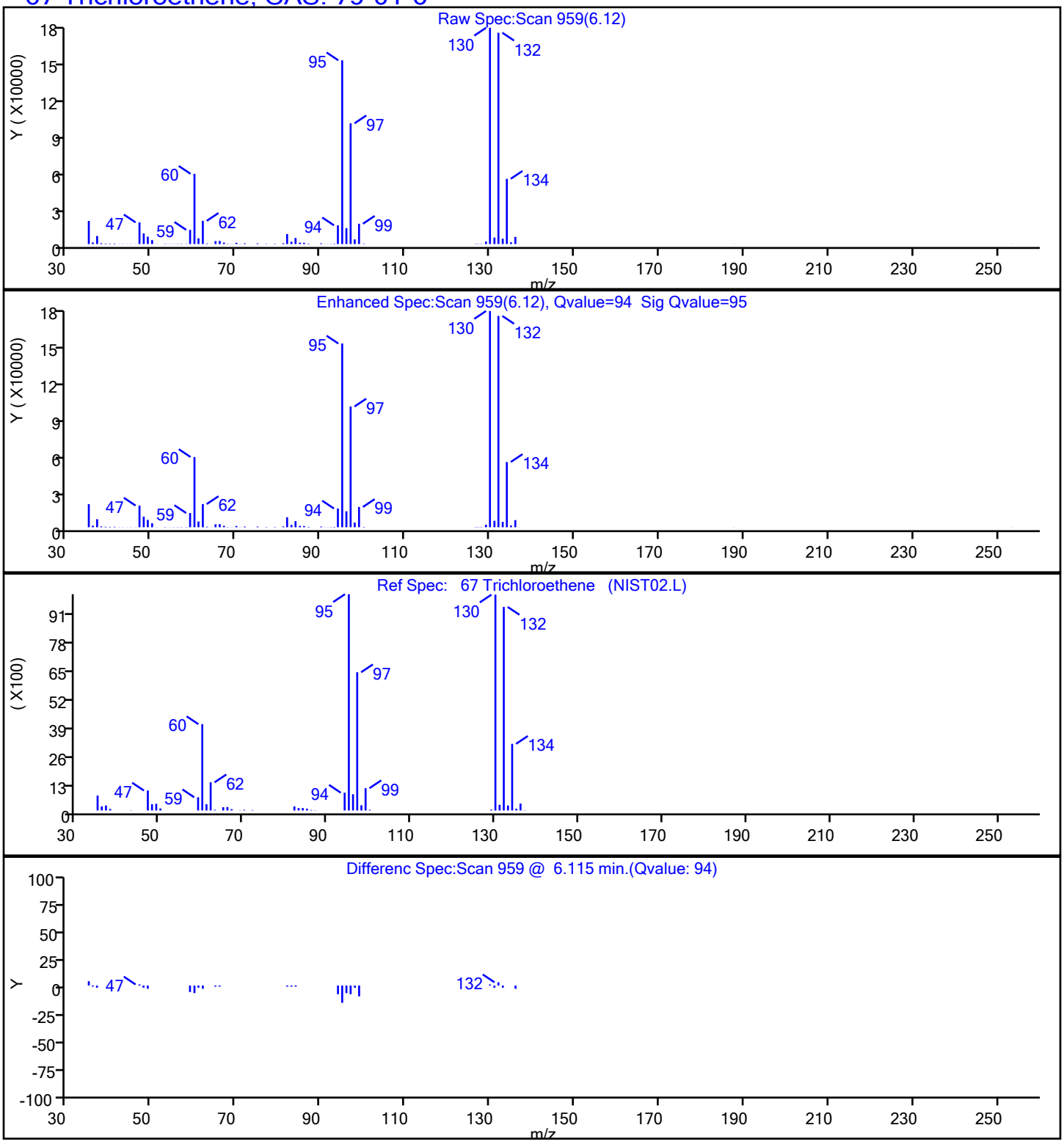


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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D
Injection Date: 08-Nov-2023 17:53:56 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-1 Lab Sample ID: 460-292076-1
Client ID: NL-MW-3_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

67 Trichloroethene, CAS: 79-01-6



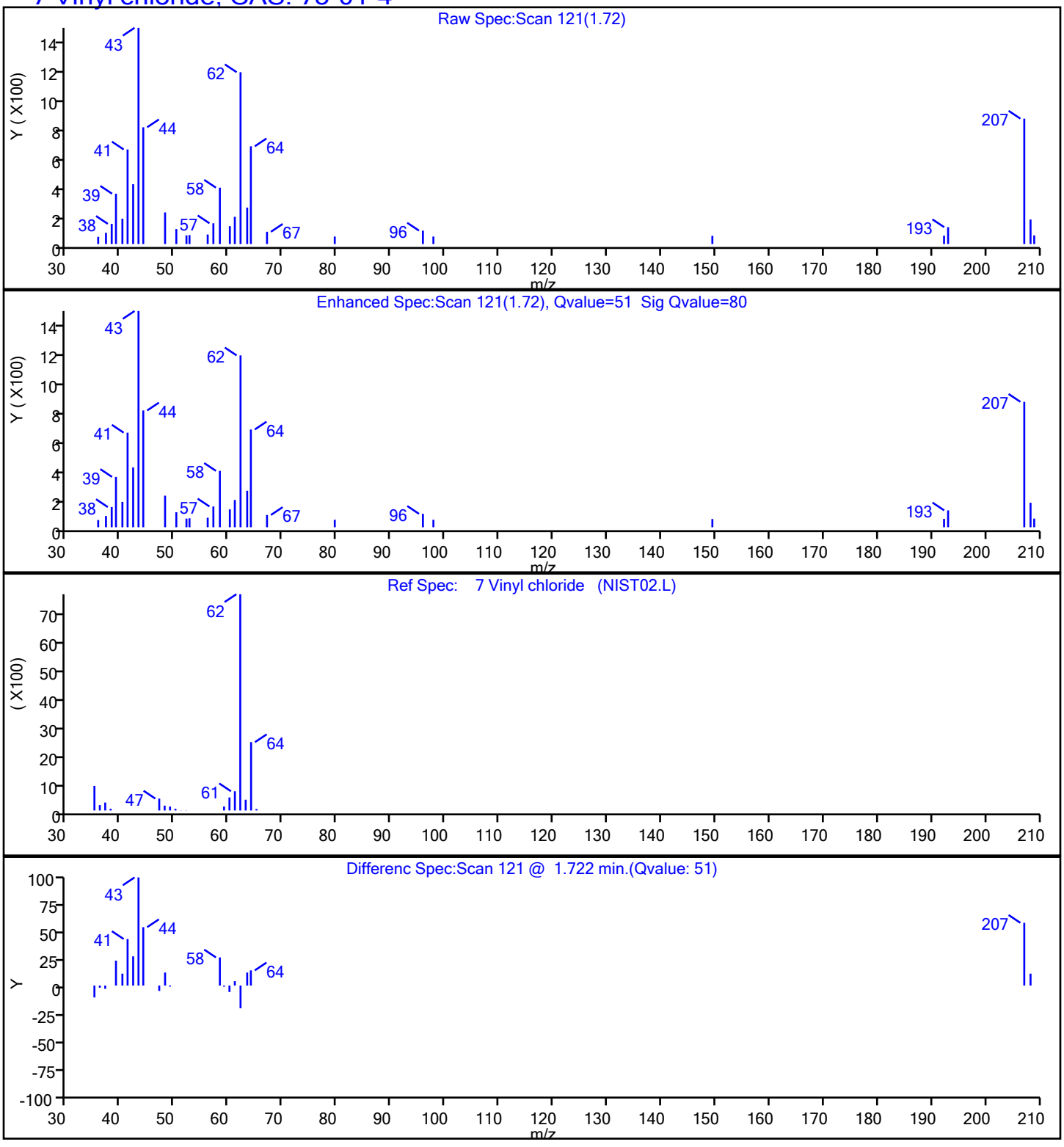
Report Date: 09-Nov-2023 10:42:25 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D

Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1
Client ID:	NL-MW-3_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

7 Vinyl chloride, CAS: 75-01-4



Eurofins Edison

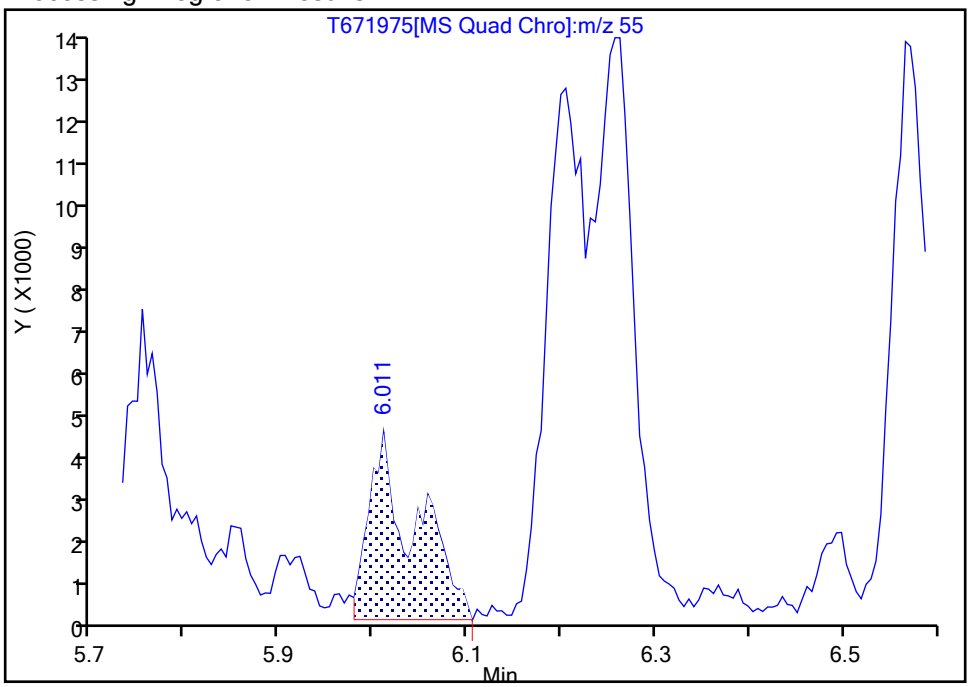
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671975.D				
Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 2

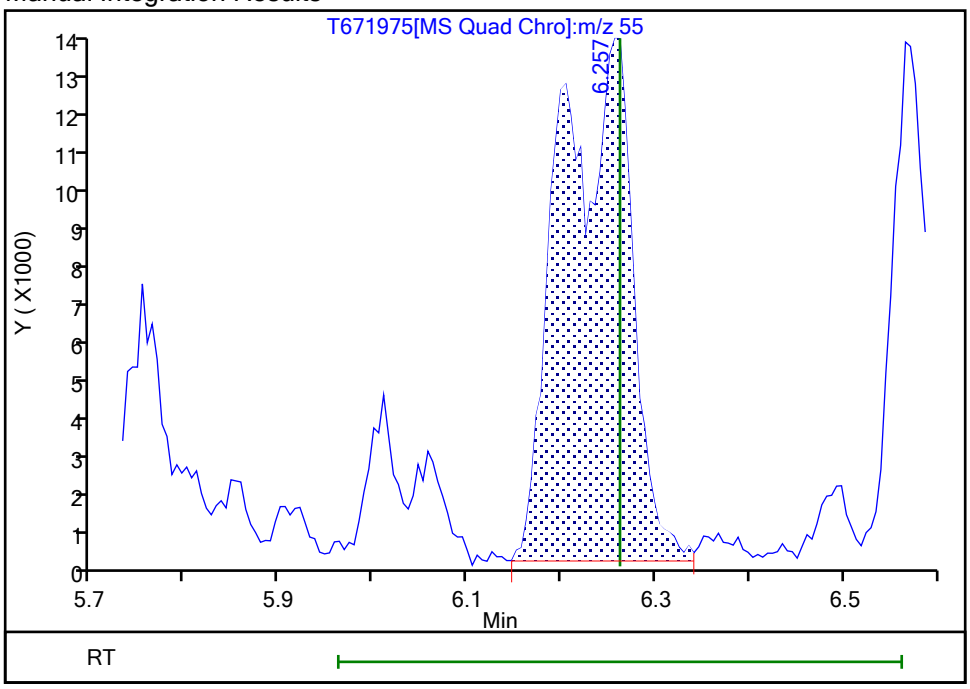
Processing Integration Results

RT: 6.01
Area: 14746
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 69437
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

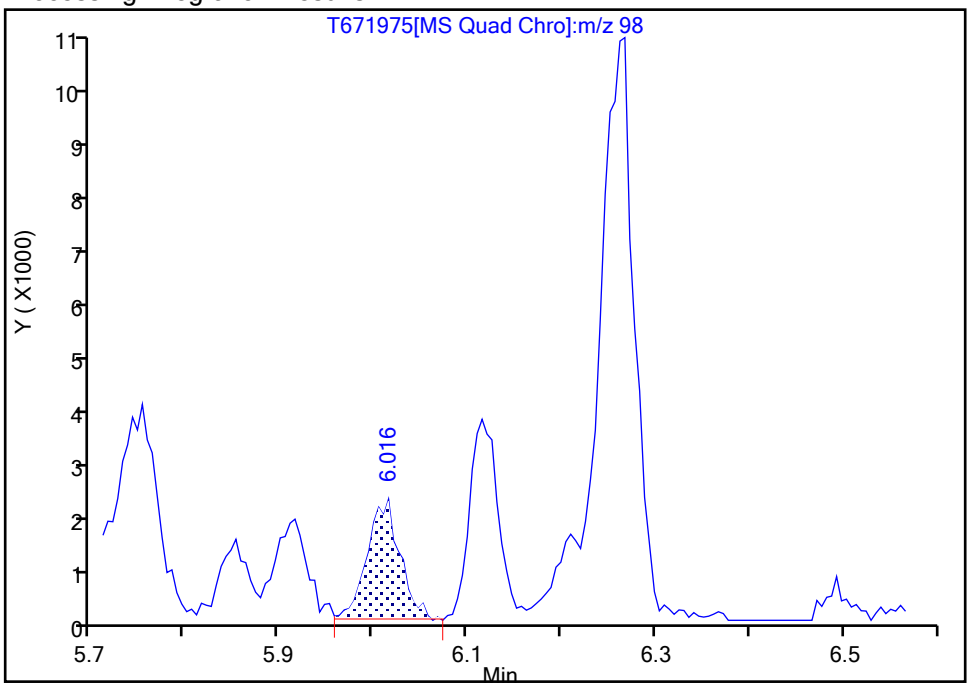
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Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 3

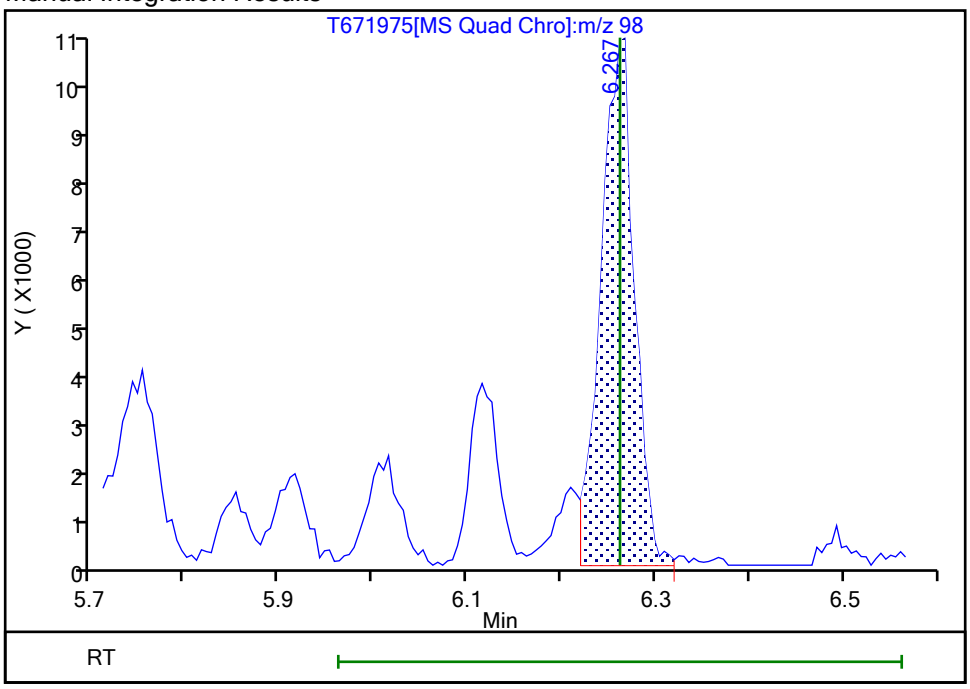
Processing Integration Results

RT: 6.02
Area: 5507
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.27
Area: 26845
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:36 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

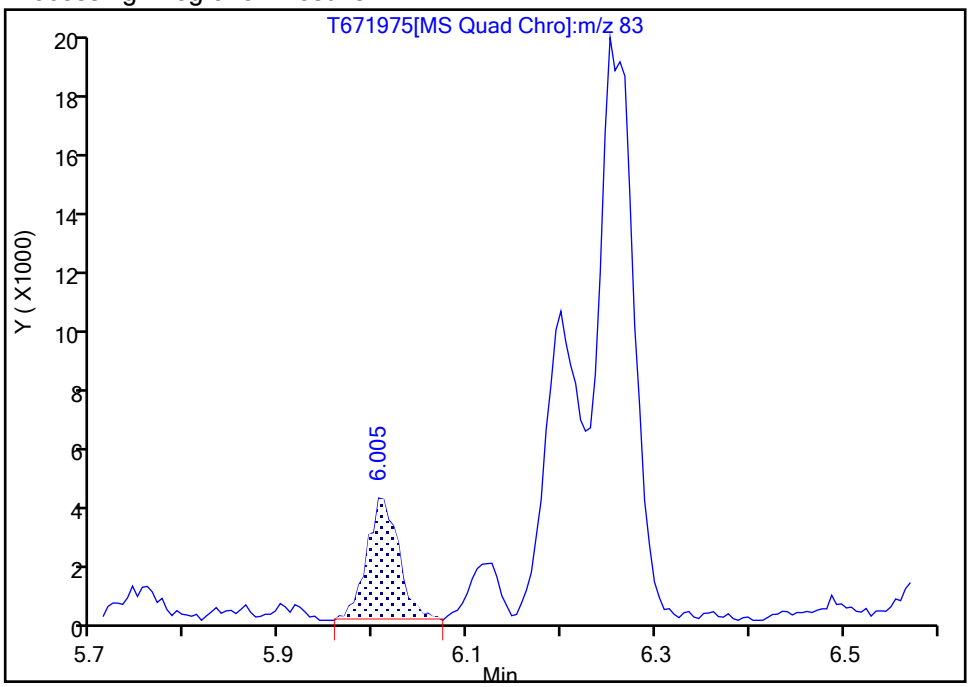
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Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

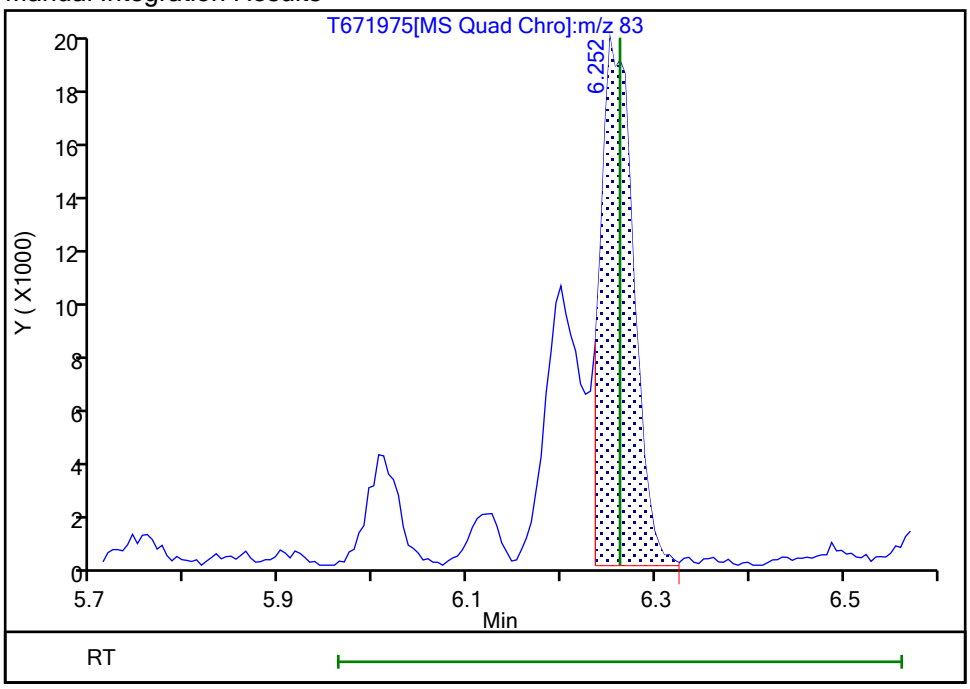
Processing Integration Results

RT: 6.01
Area: 9596
Amount: 1.544377
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 47043
Amount: 7.571084
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:03:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

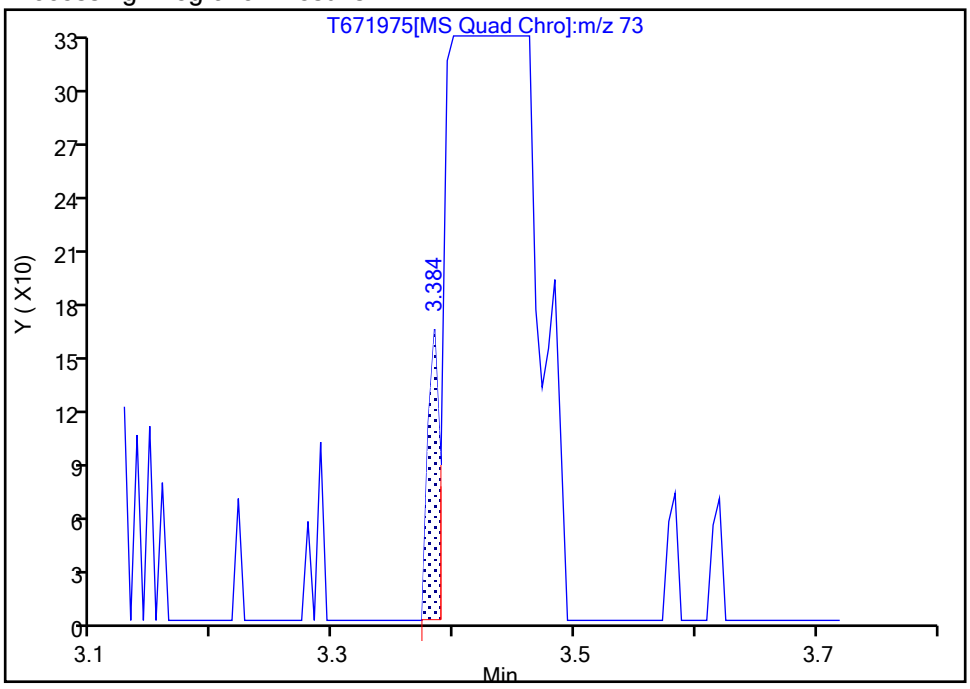
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Injection Date:	08-Nov-2023 17:53:56	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1	Lab Sample ID:	460-292076-1		
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

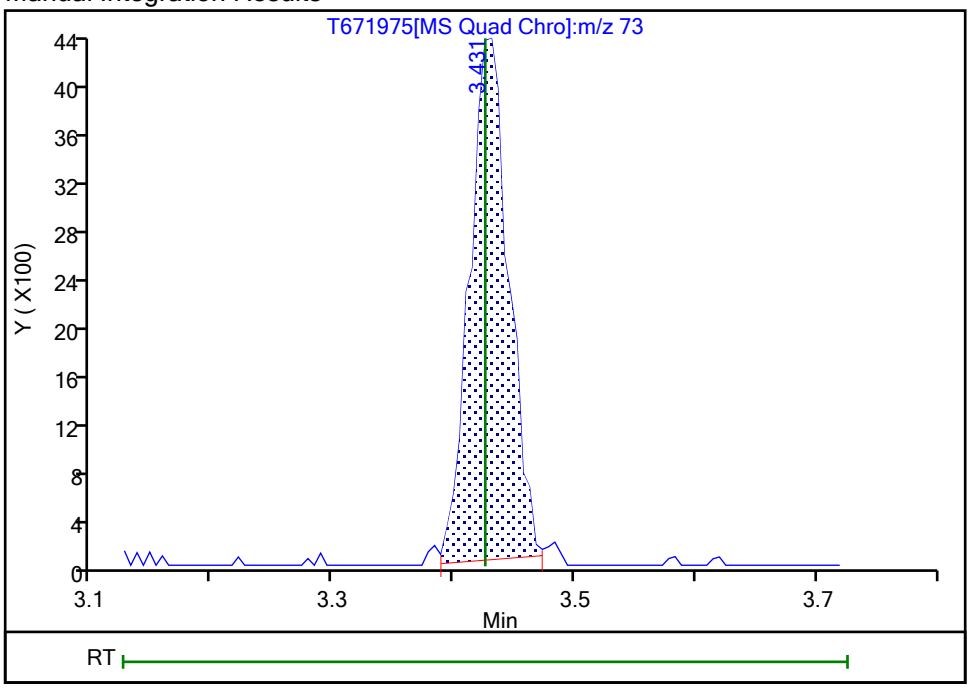
Processing Integration Results

RT: 3.38
Area: 115
Amount: 0.009550
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 9731
Amount: 0.808090
Amount Units: ug/l



Reviewer: XE5L, 09-Nov-2023 10:41:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

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	6.5		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	0.68	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	26		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
100-41-4	Ethylbenzene	1.5		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-Dup_20231107 | Lab Sample ID: 460-292076-2

Matrix: Water | Lab File ID: T671976.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 18:16

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	8.7		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.89	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	70		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.18	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)	91		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Lims ID: 460-292076-C-2
Client ID: NL-MW-Dup_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 18:16:31 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-2
Misc. Info.: 460-0168581-024
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:59 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:05:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.722	0.000	69	1358	0.1825	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	94	43966	1000.0	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	63	10781	0.8941	a
34 trans-1,2-Dichloroethene	96	3.462	3.457	0.005	76	4340	0.9083	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	50	325824	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.485	-0.006	90	14418	2.44	
52 Chloroform	83	4.810	4.805	0.005	84	6320	0.6816	
55 Cyclohexane	84	4.941	4.941	0.000	91	153359	26.4	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	95	188877	41.9	
60 Benzene	78	5.365	5.366	-0.001	95	111157	6.50	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	94	179618	45.4	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	734257	50.0	
67 Trichloroethene	95	6.115	6.115	0.000	94	362354	69.6	
70 Methylcyclohexane	83	6.257	6.262	-0.005	92	54005	8.68	
* 73 1,4-Dioxane-d8	96	6.524	6.535	-0.011	1	38779	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	736391	51.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	568150	50.0	
97 Ethylbenzene	106	10.021	10.016	0.005	97	10689	1.49	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	97	3955	0.4696	
104 Isopropylbenzene	105	11.427	11.432	-0.005	95	309175	15.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	93	256038	50.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	307356	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

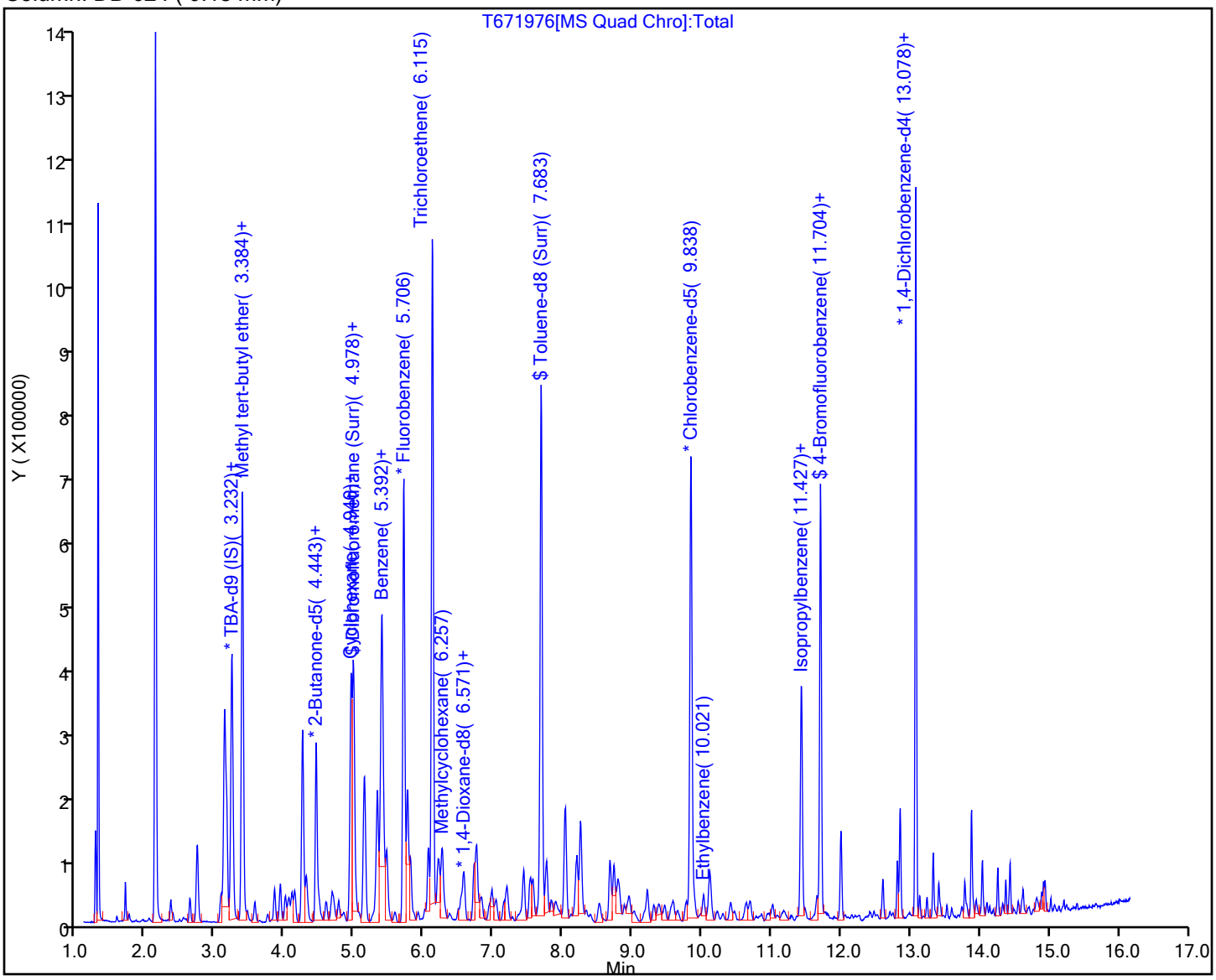
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:42:59 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Injection Date: 08-Nov-2023 18:16:31 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-2 Lab Sample ID: 460-292076-2
Client ID: NL-MW-Dup_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Lims ID: 460-292076-C-2
Client ID: NL-MW-Dup_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 18:16:31 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-2
Misc. Info.: 460-0168581-024
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 10:42:59 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:05:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	41.9	83.77
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.4	90.77
$ 83 Toluene-d8 (Surr)	50.0	51.9	103.77
$ 105 4-Bromofluorobenzene	50.0	50.4	100.84

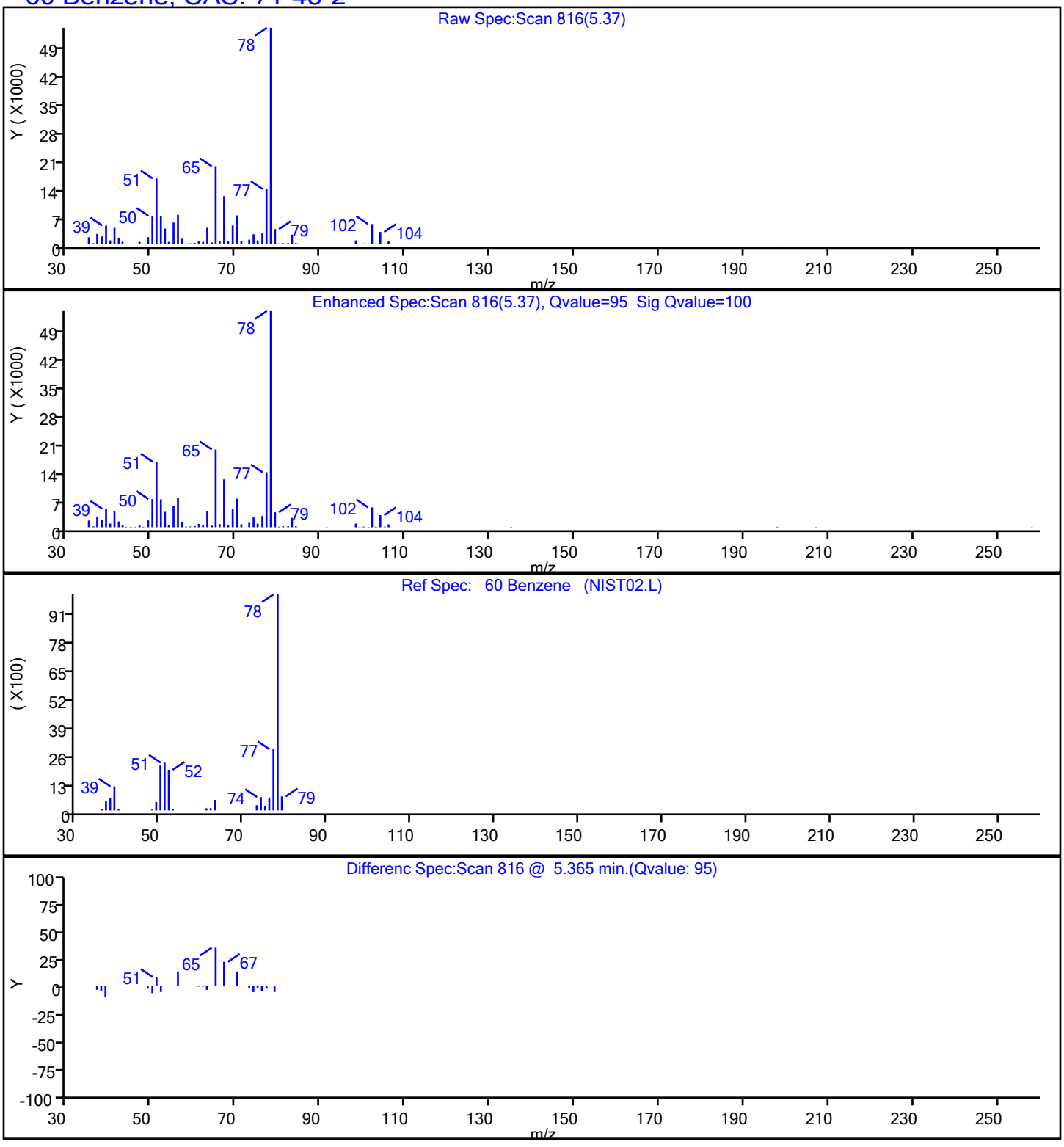
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

60 Benzene, CAS: 71-43-2



11/10/2023
2:16 PM

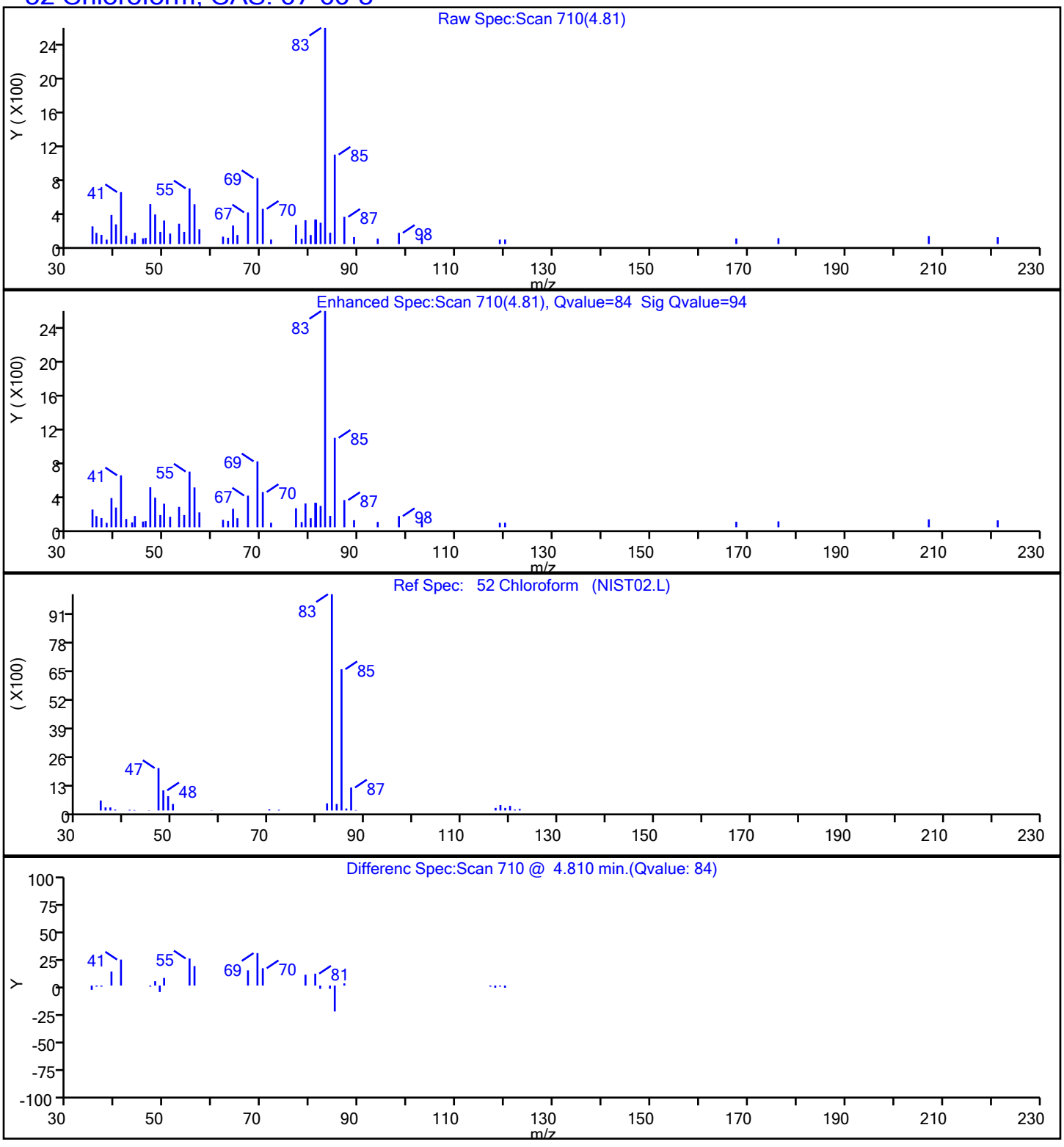
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



11/10/2023
2:16 PM

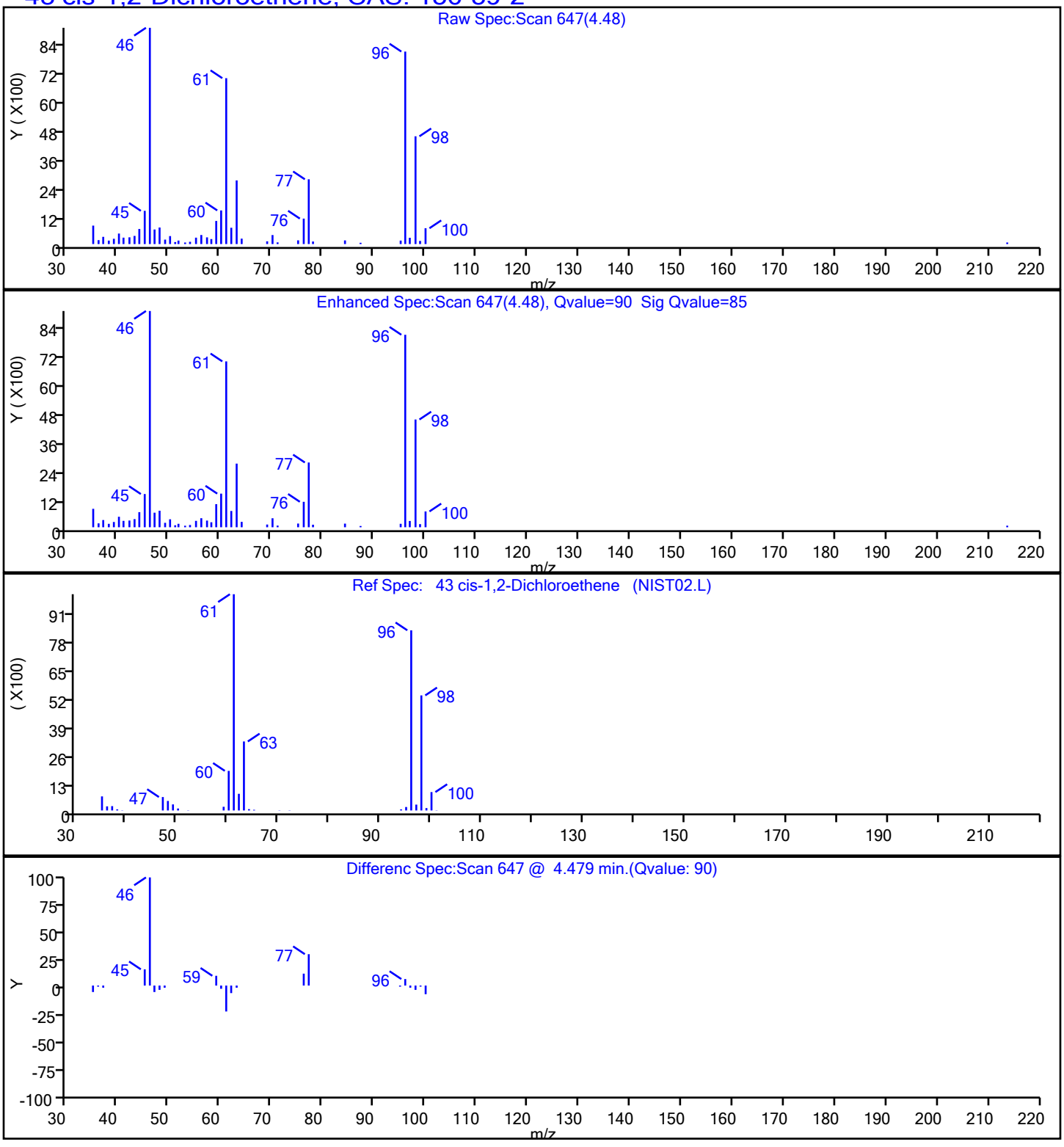
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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



11/10/2023
2:16 PM

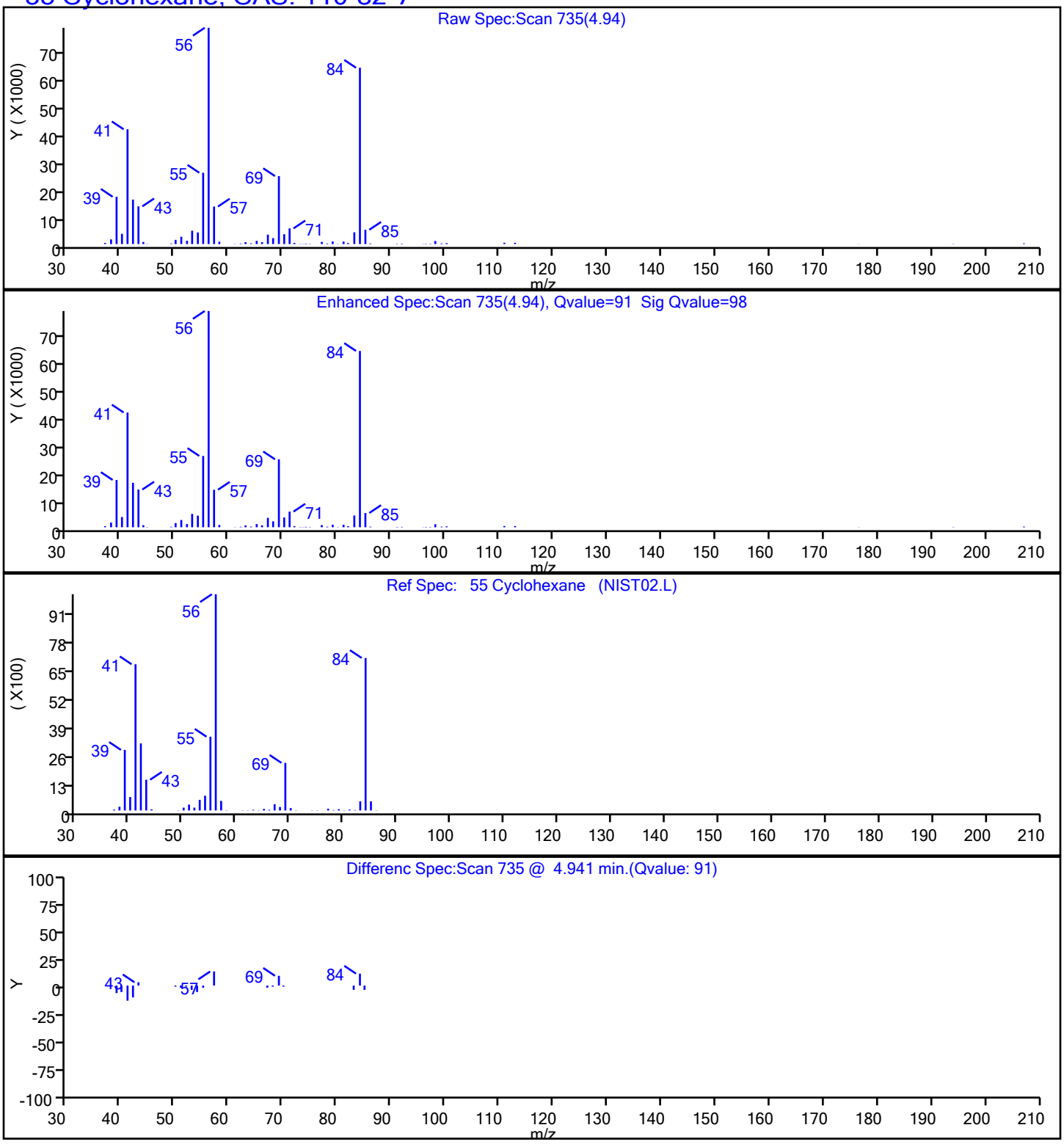
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



11/10/2023
2:16 PM

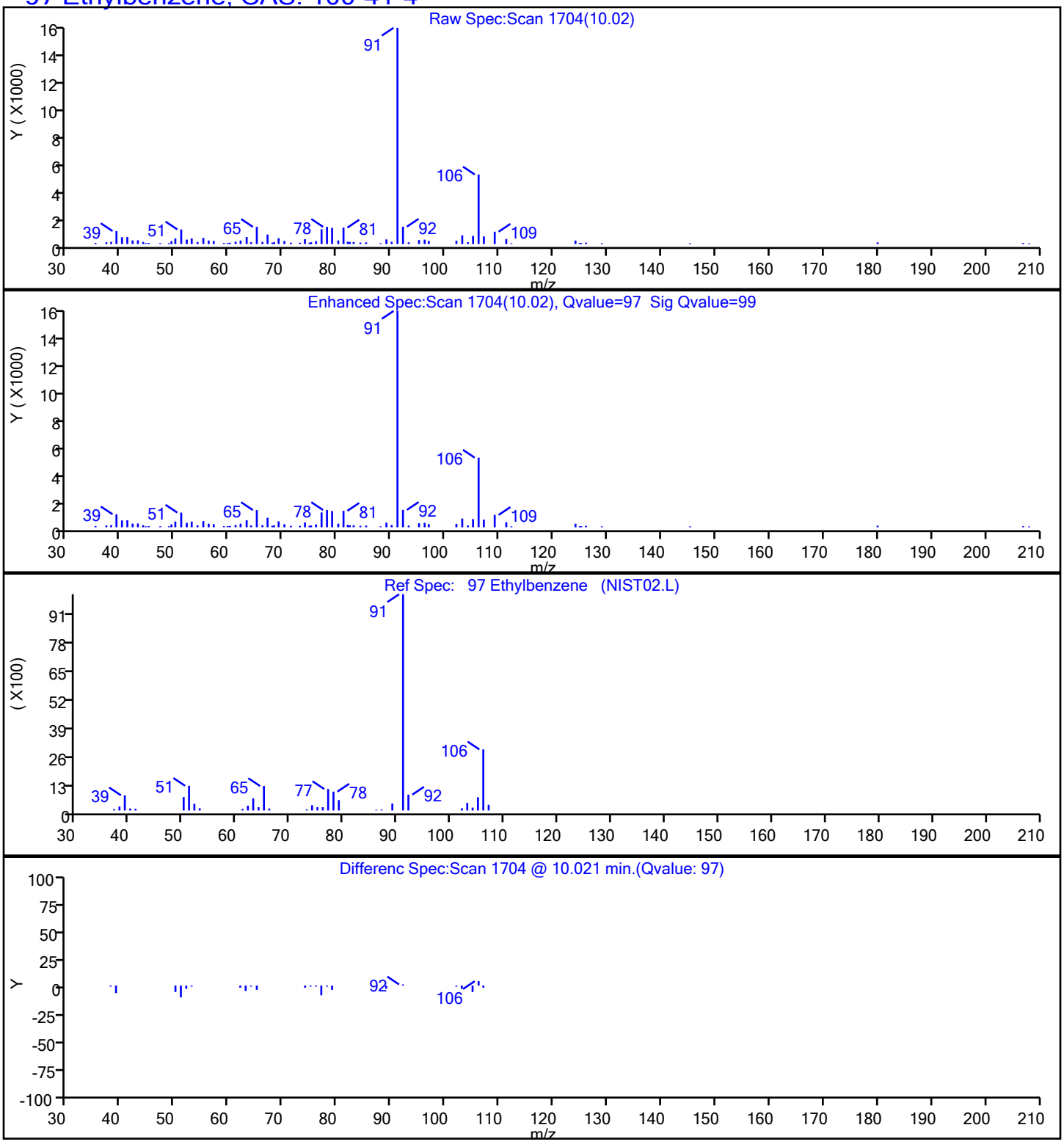
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



11/10/2023
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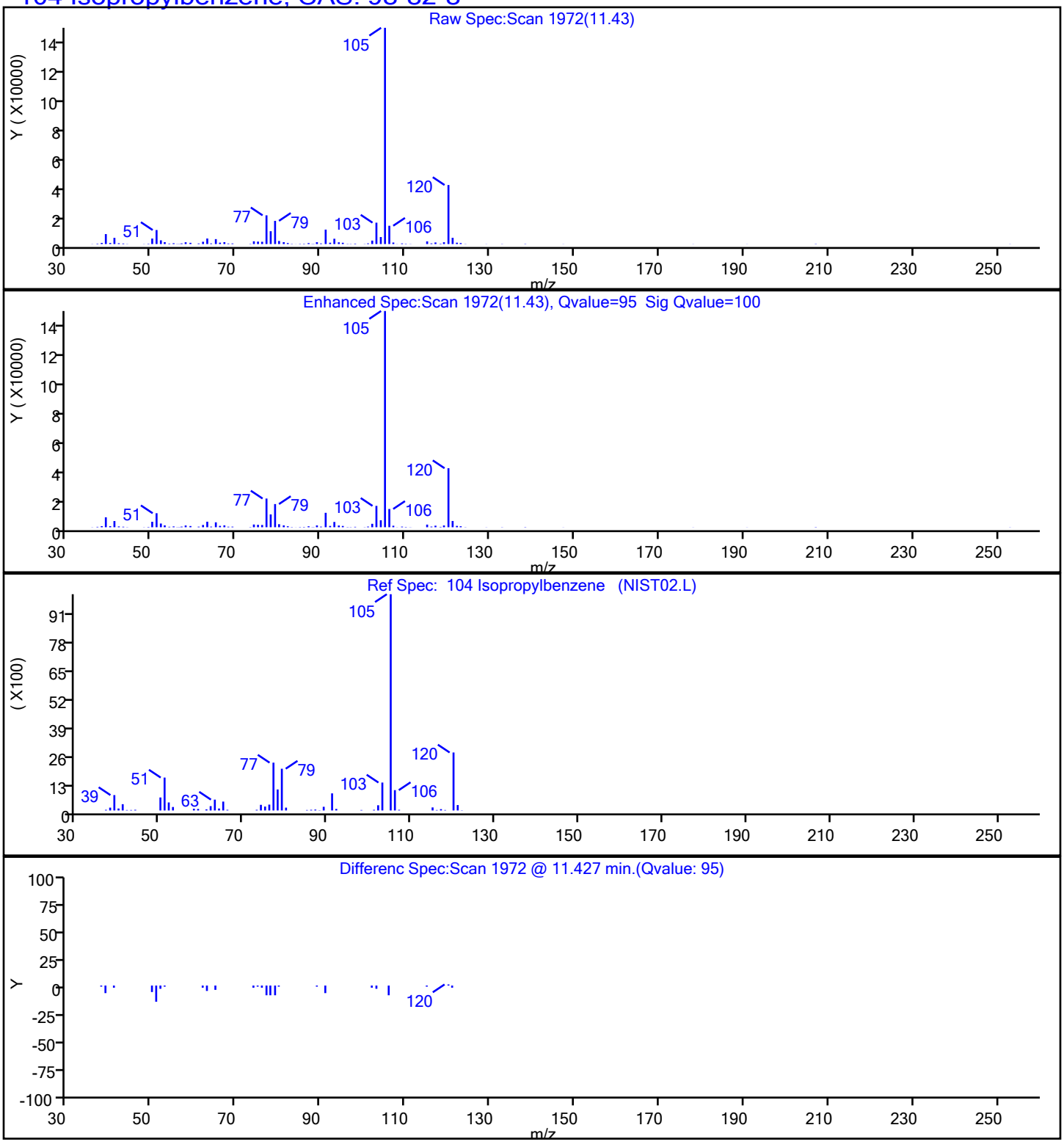
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

104 Isopropylbenzene, CAS: 98-82-8



11/10/2023
2:16 PM

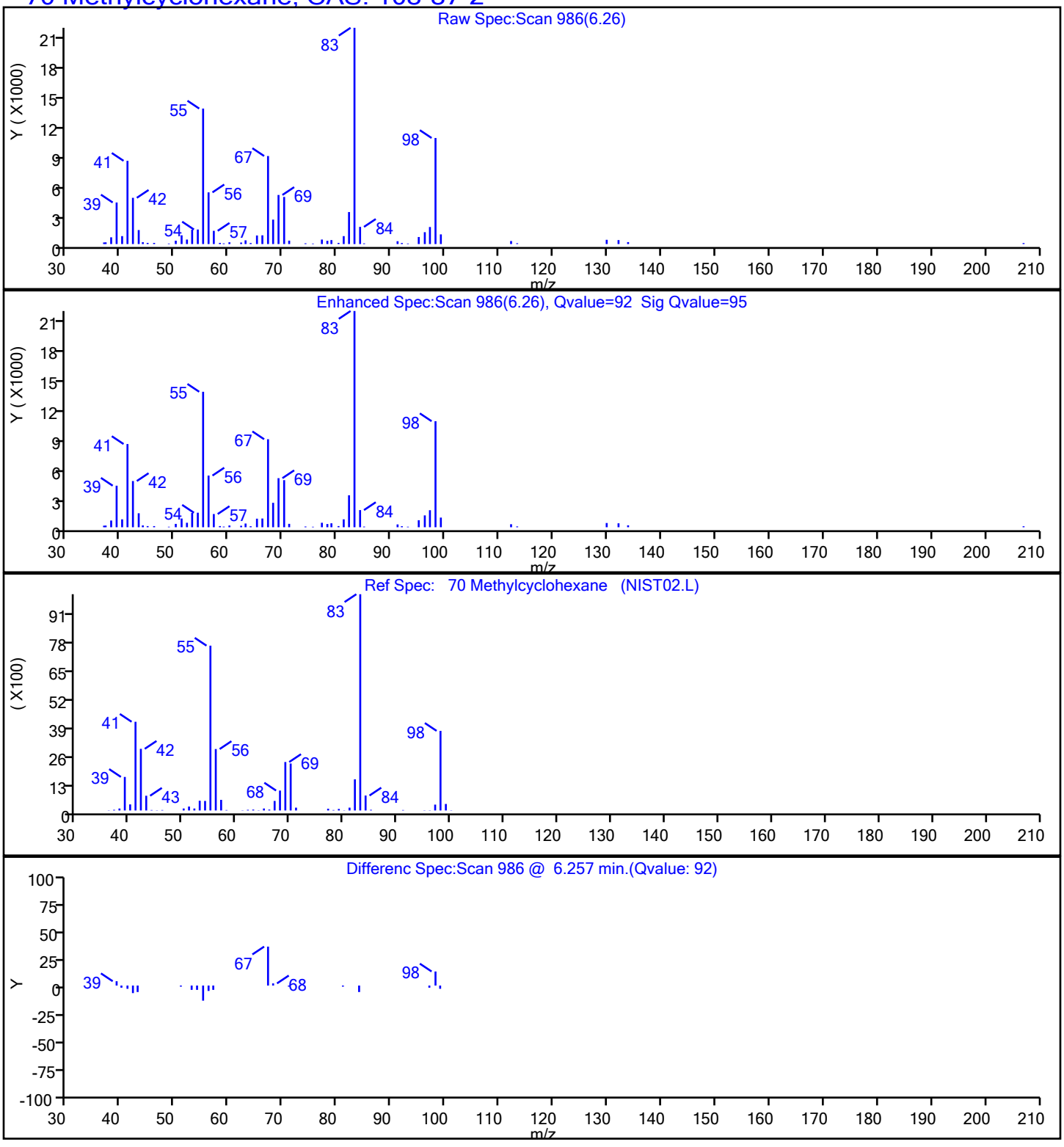
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

70 Methylcyclohexane, CAS: 108-87-2



11/10/2023
2:16 PM

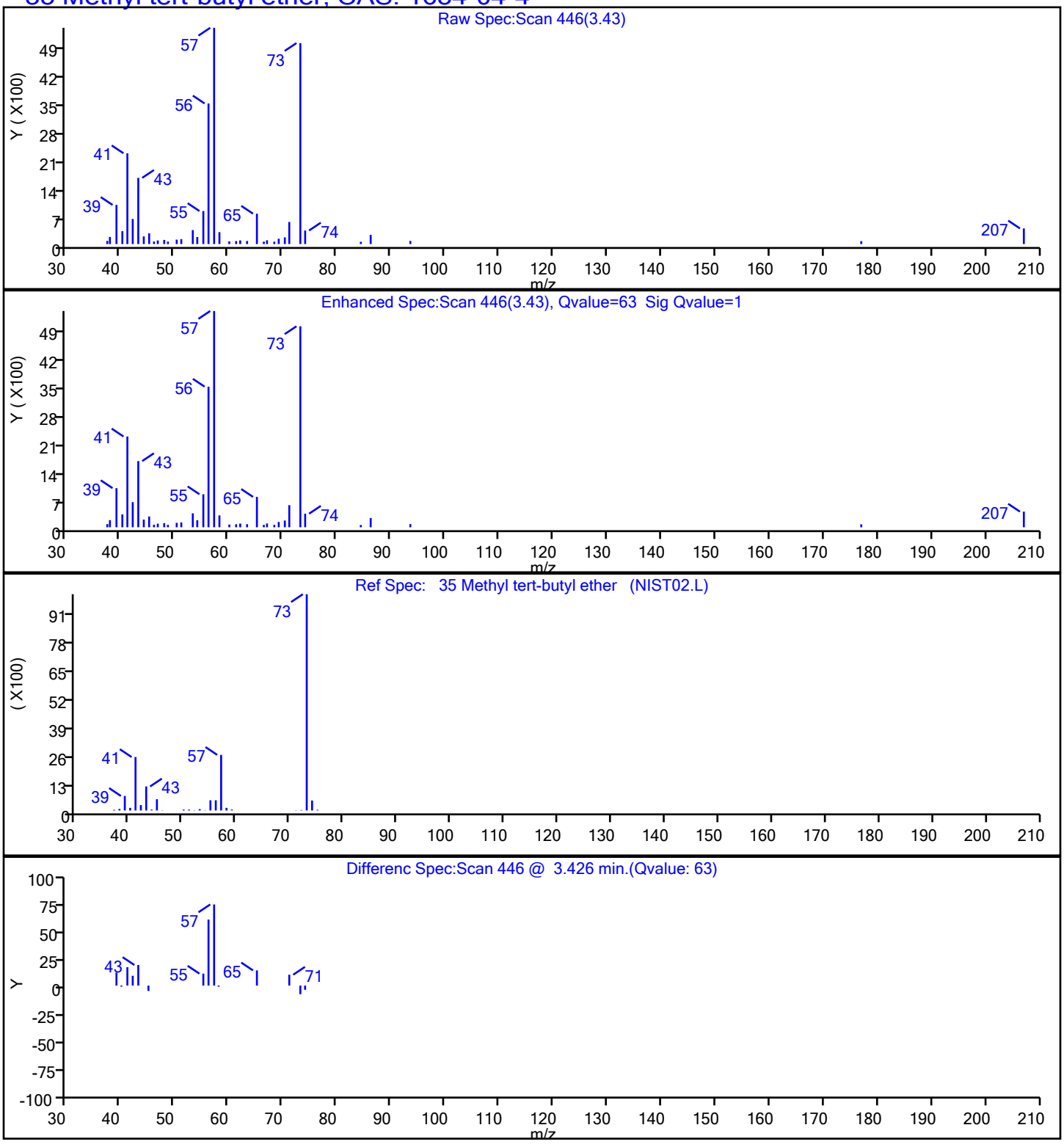
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

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

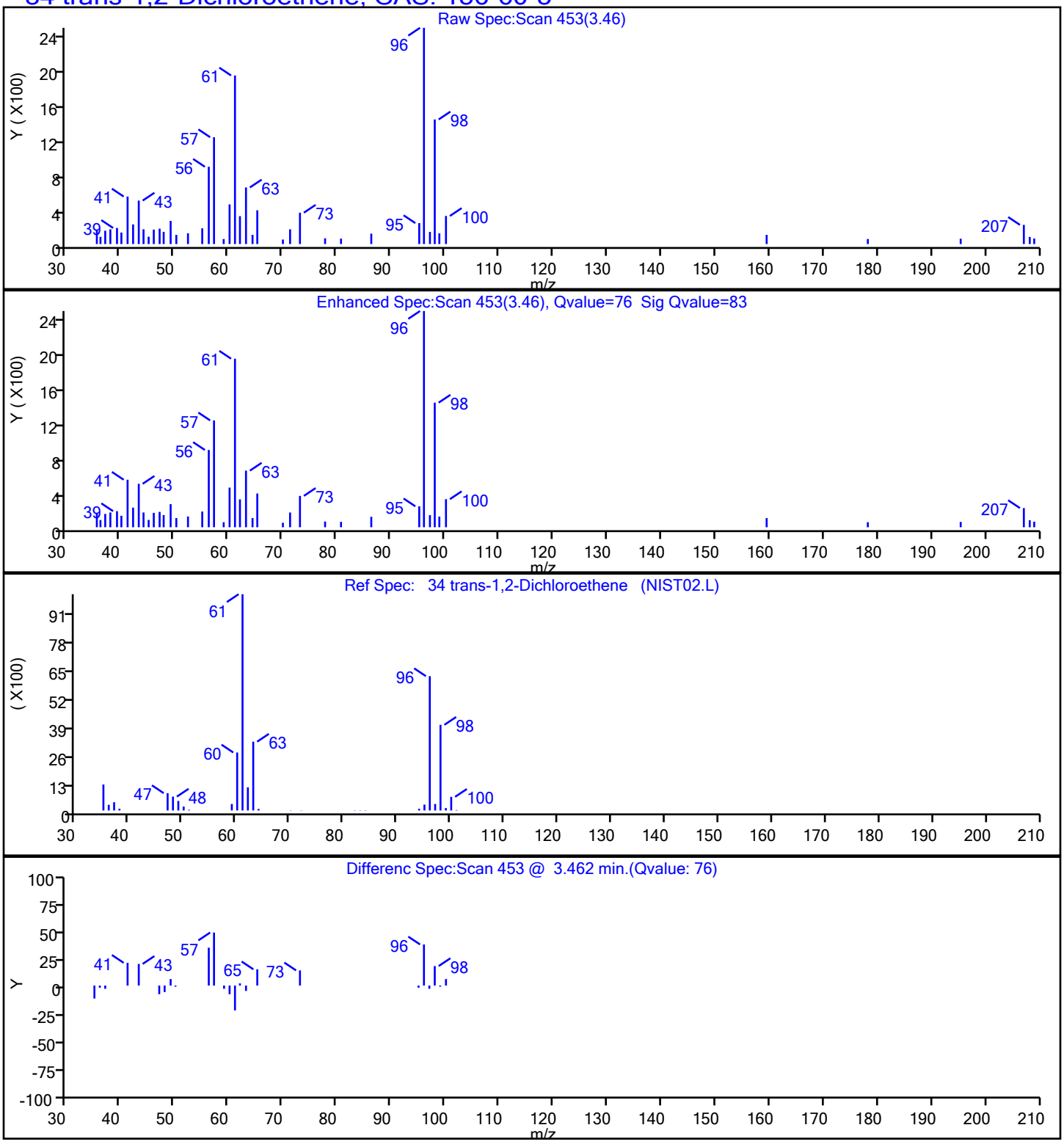


11/10/2023
2:16 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D		
Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2
Client ID:	NL-MW-Dup_20231107		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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



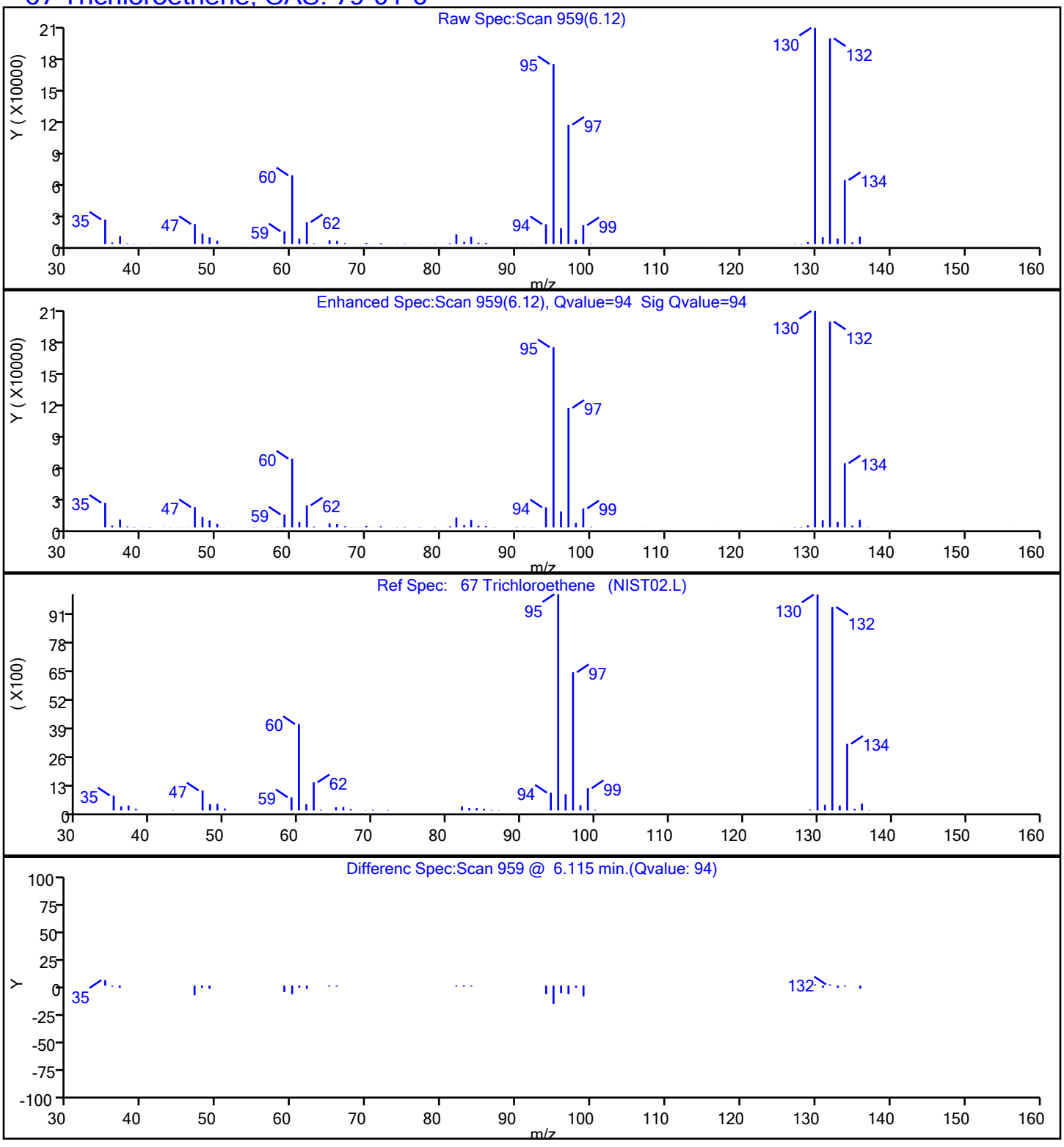
Report Date: 09-Nov-2023 10:43:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D

Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6

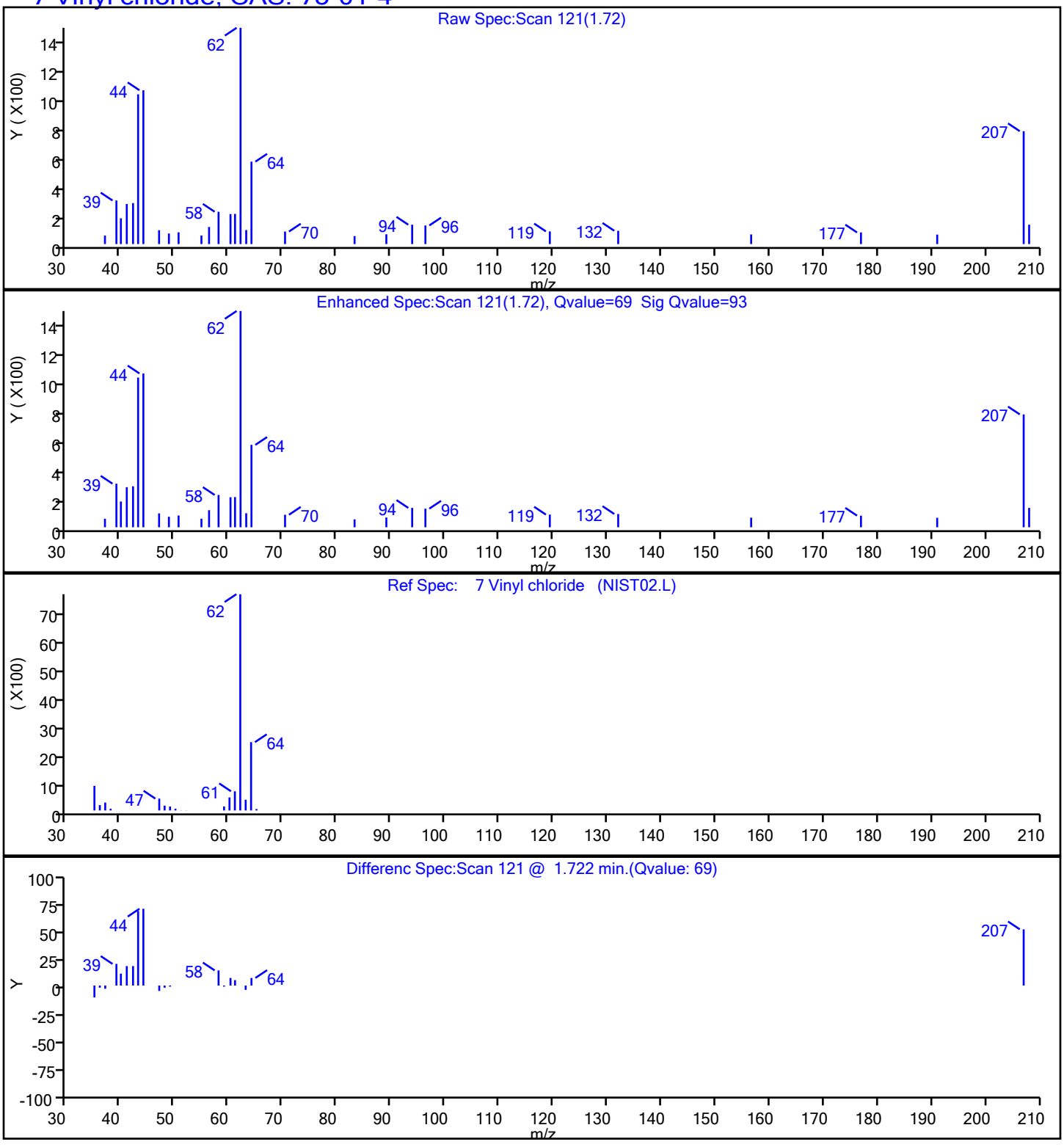


11/10/2023
2:16 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D
Injection Date: 08-Nov-2023 18:16:31 Instrument ID: CVOAMS15
Lims ID: 460-292076-C-2 Lab Sample ID: 460-292076-2
Client ID: NL-MW-Dup_20231107
Operator ID: ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



Manual Integration/User Assign Peak Report

Eurofins Edison

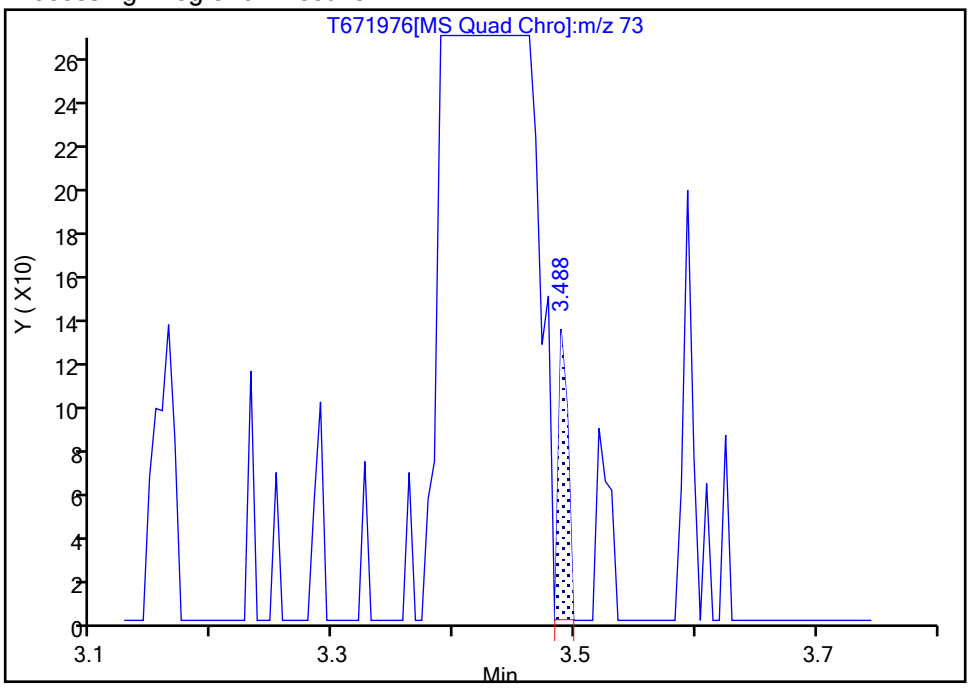
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671976.D				
Injection Date:	08-Nov-2023 18:16:31	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-2	Lab Sample ID:	460-292076-2		
Client ID:	NL-MW-Dup_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

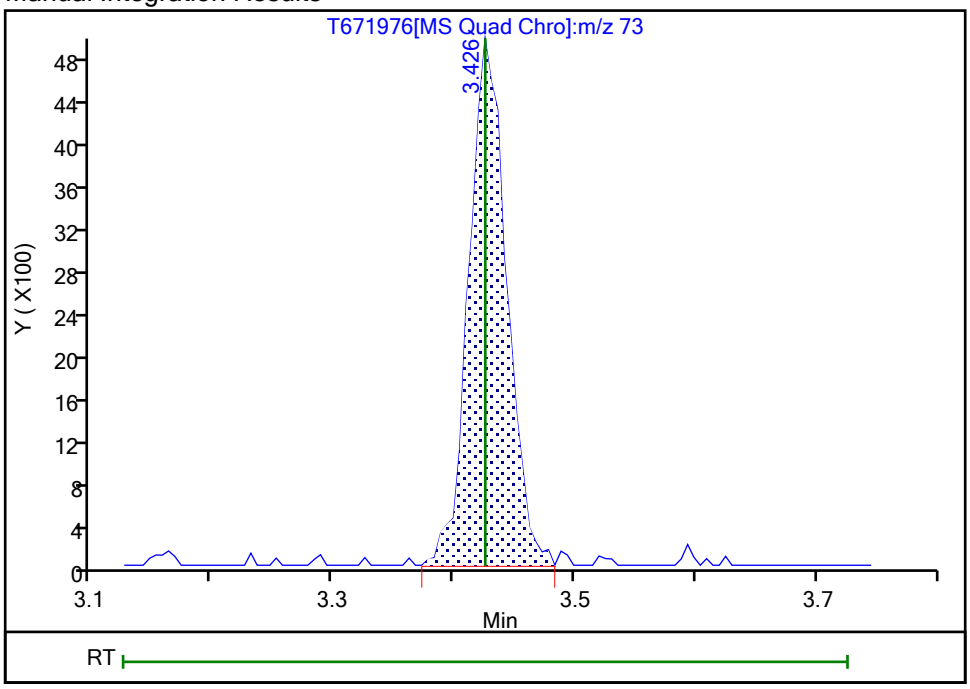
Processing Integration Results

RT: 3.49
Area: 72
Amount: 0.005971
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 10781
Amount: 0.894100
Amount Units: ug/l



Reviewer: XE5L, 09-Nov-2023 10:42:42 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-FB-01_20231107 | Lab Sample ID: 460-292076-3

Matrix: Water | Lab File ID: T671972.D

Analysis Method: 8260D | Date Collected: 11/07/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:46

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	90		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D
Lims ID: 460-292076-B-3
Client ID: NL-FB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:46:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-3
Misc. Info.: 460-0168581-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	98	34104	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	268339	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	174175	43.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	88	160358	45.1	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	660193	50.0	
* 73 1,4-Dioxane-d8	96	6.524	6.535	-0.011	1	29754	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	660763	52.4	
* 94 Chlorobenzene-d5	117	9.843	9.838	0.005	82	504914	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	94	222968	49.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	265208	50.0	

Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 01:02:17 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D

Injection Date: 08-Nov-2023 16:46:07 Instrument ID: CVOAMS15

Lims ID: 460-292076-B-3 Lab Sample ID: 460-292076-3

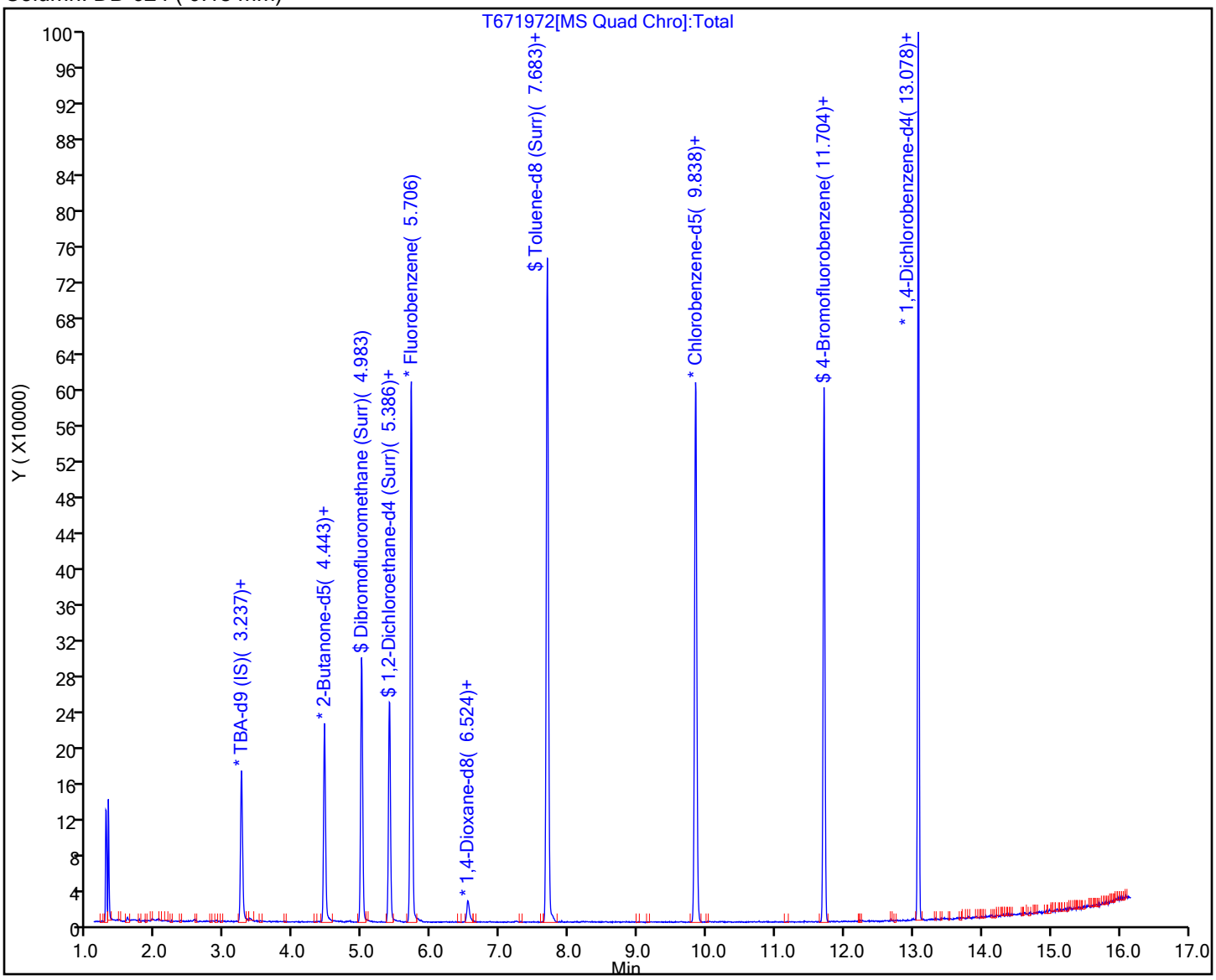
Client ID: NL-FB-01_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671972.D
Lims ID: 460-292076-B-3
Client ID: NL-FB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:46:07 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-3
Misc. Info.: 460-0168581-020
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.0	85.91
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.1	90.13
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.78
$ 105 4-Bromofluorobenzene	50.0	49.4	98.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-TB-01_20231107 | Lab Sample ID: 460-292076-4

Matrix: Water | Lab File ID: T671971.D

Analysis Method: 8260D | Date Collected: 11/07/2023 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 16:23

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	91		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D
Lims ID: 460-292076-B-4
Client ID: NL-TB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:23:25 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-4
Misc. Info.: 460-0168581-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	97	33327	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	47	272931	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	179070	43.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	97	164789	45.3	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	675236	50.0	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	30254	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	678422	52.7	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	515399	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	95	228294	49.6	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	93	269823	50.0	

Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 01:02:07 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D

Injection Date: 08-Nov-2023 16:23:25 Instrument ID: CVOAMS15

Lims ID: 460-292076-B-4 Lab Sample ID: 460-292076-4

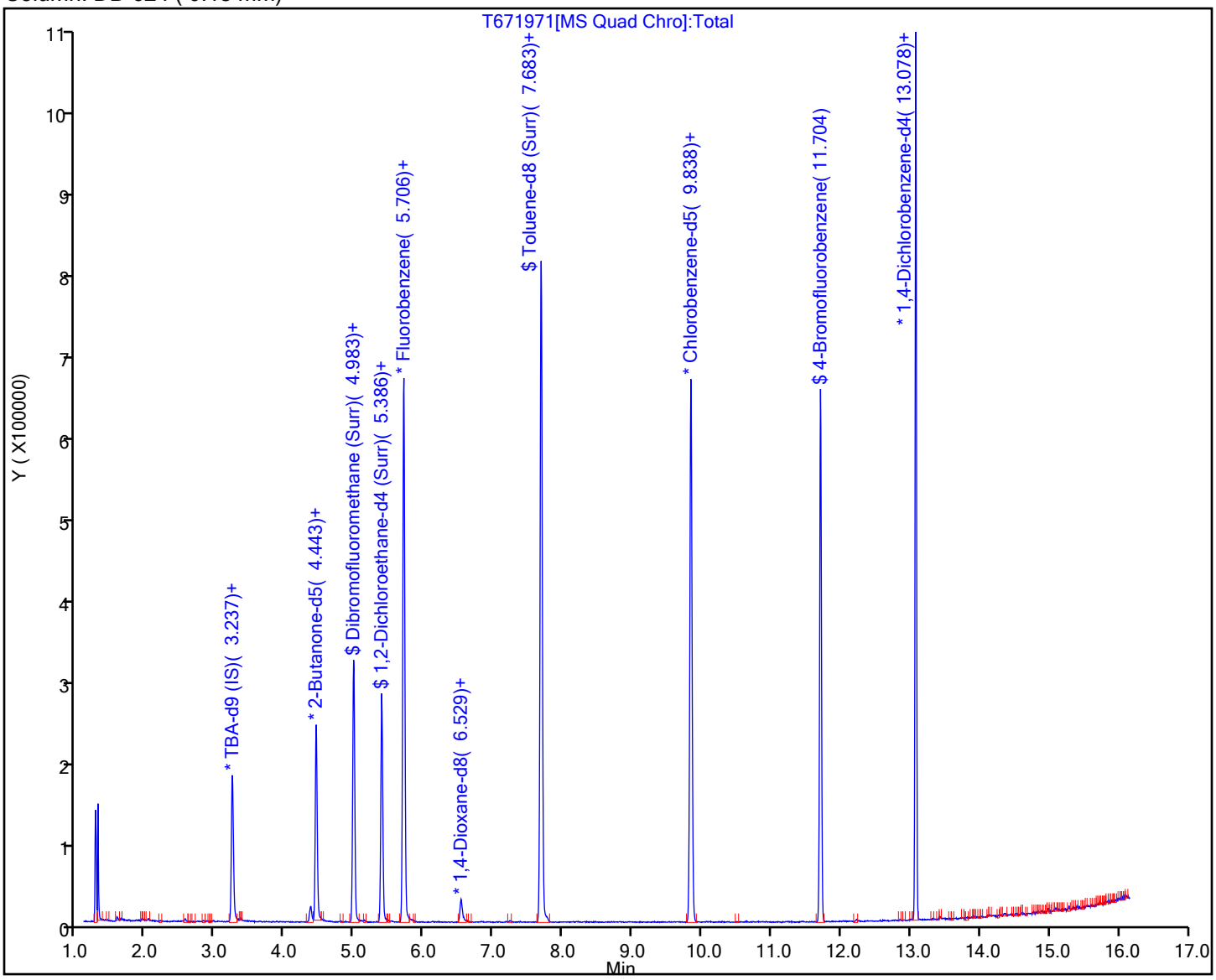
Client ID: NL-TB-01_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671971.D
Lims ID: 460-292076-B-4
Client ID: NL-TB-01_20231107
Sample Type: Client
Inject. Date: 08-Nov-2023 16:23:25 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-B-4
Misc. Info.: 460-0168581-019
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:02:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.2	86.36
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.55
$ 83 Toluene-d8 (Surr)	50.0	52.7	105.39
$ 105 4-Bromofluorobenzene	50.0	49.6	99.11

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.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 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0753	0.1187 0.0776	0.1287	0.1165	0.1145	QuaF		0.0803	-0.000006						0.9960		0.9900
Dichlorodifluoromethane	+++++ 0.4067	0.3927 0.4468	0.4254	0.3849	0.4048	Ave		0.4102			0.1000	5.5		20.0			
Chlorodifluoromethane	+++++ 0.0489	0.0668 0.0518	0.0691	0.0580	0.0531	Ave		0.0579				14.3		20.0			
Chloromethane	+++++ 0.3597	0.4133 0.4173	0.4469	0.3692	0.3953	Ave		0.4003			0.1000	8.1		20.0			
Vinyl chloride	+++++ 0.4662	0.5129 0.4934	0.5565	0.5002	0.5114	Ave		0.5068			0.1000	5.9		20.0			
Butadiene	0.9317 0.4217	0.5116 0.4480	0.5093	0.4719	0.4834	Lin2	0.1170	0.4514							0.9940		0.9900
Bromomethane	+++++ 0.3122	0.3652 +++++	0.3714	0.3093	0.2235	Ave		0.3164			0.1000	18.8		20.0			
Chloroethane	+++++ 2.5912	2.9333 3.1531	2.8353	2.6578	3.2090	Ave		2.8966			0.1000	8.7		20.0			
Dichlorofluoromethane	+++++ 0.6683	0.6405 0.7720	0.7449	0.6254	0.6856	Ave		0.6895				8.4		20.0			
Trichlorofluoromethane	+++++ 0.5435	0.5654 0.6326	0.5966	0.5547	0.6013	Ave		0.5824			0.1000	5.8		20.0			
Pentane	+++++ 0.0355	0.0403 0.0393	0.0380	0.0354	0.0367	Ave		0.0375				5.3		20.0			
Ethanol	+++++ 0.3867	0.3153 0.4735	0.5379	0.4127	0.4007	Ave		0.4211				18.2		20.0			
Ethyl ether	+++++ 0.2233	0.2912 0.2529	0.2684	0.2086	0.2117	Ave		0.2427				13.8		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2226	0.2129 0.2544	0.2023	0.2072	0.2222	Ave		0.2203				8.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3060	0.3201 0.3264	0.3513	0.3092	0.3188	Ave		0.3220				5.0		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4849	0.5011 0.5236	0.5555	0.4780	0.4996	Ave		0.5071				5.6		20.0			
Freon TF	+++++ 0.3127	0.3129 0.3396	0.3086	0.3164	0.3252	Ave		0.3193			0.1000	3.6		20.0			
Acrolein	+++++ 0.0497	0.0494 0.0546	0.0474	0.0464	0.0457	Ave		0.0489				6.6		20.0			
1,1-Dichloroethene	+++++ 0.2634	0.3137 0.2850	0.2732	0.2546	0.2692	Ave		0.2765			0.1000	7.5		20.0			
Acetone	+++++ 0.8352	0.8707 0.8192	0.9240	0.7252	0.7341	Ave		0.8181			0.0500	9.5		20.0			
Iodomethane	+++++ 0.4434	0.2436 0.4020	0.3264	0.3855	0.4366	Lin2	-0.177	0.4105							0.9940		0.9900
Carbon disulfide	+++++ 0.5707	0.6272 0.6228	0.6183	0.5558	0.5890	Ave		0.5973			0.1000	5.0		20.0			
Isopropyl alcohol	+++++ 4.2638	5.1134 5.0243	5.5273	4.3316	4.4557	Ave		4.7860				10.7		20.0			
3-Chloro-1-propene	+++++ 0.1717	0.1810 0.1740	0.1967	0.1745	0.1812	Ave		0.1798				5.1		20.0			
Methyl acetate	+++++ 0.1804	0.1843 0.2002	0.1980	0.1631	0.1739	Ave		0.1833			0.1000	7.7		20.0			
Cyclopentene	+++++ 0.4858	0.4763 0.5267	0.4606	0.4704	0.4854	Ave		0.4842				4.7		20.0			
Acetonitrile	+++++ 0.3333	0.3239 0.3355	0.3975	0.2993	0.3022	Ave		0.3320				10.7		20.0			
Methylene Chloride	+++++ 0.3425	0.3708 0.3633	0.4100	0.3282	0.3396	Ave		0.3591			0.1000	8.2		20.0			
2-Methyl-2-propanol	+++++ 7.4543	10.321 7.8558	10.587	7.6156	7.7269	Ave		8.5935				16.9		20.0			
MTBE	+++++ 0.8222	0.7232 0.8921	0.9233	0.7580	0.8077	Ave		0.8211			0.1000	9.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3061	0.3545 0.3445	0.3430	0.2969	0.3073	Ave		0.3254			0.1000	7.6		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Acrylonitrile	0.2270 0.1053	0.0917 0.1145	0.1150	0.0937	0.0965	QuaF		0.0984	0.0000032						1.0000		0.9900
Hexane	+++++ 0.2436	0.2483 0.2550	0.2479	0.2479	0.2621	Ave		0.2508				2.6		20.0			
Isopropyl ether	+++++ 0.8392	0.8131 0.9108	0.9292	0.7811	0.8213	Ave		0.8491				6.9		20.0			
1,1-Dichloroethane	+++++ 0.5637	0.5723 0.6014	0.5839	0.5150	0.5424	Ave		0.5631			0.2000	5.5		20.0			
Vinyl acetate	+++++ 0.6359	0.5470 0.6172	0.7552	0.6494	0.6324	Ave		0.6395				10.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2791	0.2634 0.3069	0.2791	0.2623	0.2791	Ave		0.2783				5.8		20.0			
Tert-butyl ethyl ether	+++++ 0.8119	0.6984 0.8679	0.8827	0.7460	0.7917	Ave		0.7998				8.8		20.0			
2,2-Dichloropropane	+++++ 0.1290	0.1587 0.1384	0.1420	0.1220	0.1267	Ave		0.1361				9.8		20.0			
cis-1,2-Dichloroethene	+++++ 0.3972	0.4090 0.4284	0.4300	0.3683	0.3862	Ave		0.4032			0.1000	6.0		20.0			
2-Butanone	+++++ 0.3764	0.3899 0.3759	0.4503	0.3378	0.3416	Ave		0.3787			0.0500	10.8		20.0			
Ethyl acetate	+++++ 0.2944	0.4049 0.3067	0.3685	0.2768	0.2886	Ave		0.3233				15.9		20.0			
Methyl acrylate	+++++ 0.2322	0.2071 0.2418	0.2670	0.2234	0.2273	Ave		0.2331				8.6		20.0			
Propionitrile	+++++ 0.0378	0.0393 0.0405	0.0453	0.0376	0.0379	Ave		0.0397				7.4		20.0			
Chlorobromomethane	+++++ 0.2011	0.1959 0.2095	0.2449	0.1926	0.1957	Ave		0.2066				9.5		20.0			
Tetrahydrofuran	+++++ 0.3761	0.6303 0.3735	0.4986	0.3744	0.3693	Lin2	0.5204	0.3817							0.9920		0.9900
Methacrylonitrile	+++++ 0.1365	0.1116 0.1515	0.1405	0.1160	0.1240	Ave		0.1300				11.8		20.0			
Chloroform	+++++ 0.6329	0.6044 0.6800	0.6886	0.5781	0.6045	Ave		0.6314			0.2000	7.1		20.0			
Cyclohexane	+++++ 0.3858	0.3993 0.4196	0.3862	0.3767	0.4015	Ave		0.3948			0.1000	3.9		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.5152	0.5144 0.5544	0.5458	0.4883	0.5228	Ave		0.5235			0.1000	4.6		20.0			
Carbon tetrachloride	+++++ 0.4651	0.4727 0.5012	0.4723	0.4566	0.4720	Ave		0.4733			0.1000	3.2		20.0			
1,1-Dichloropropene	+++++ 0.4098	0.4042 0.4359	0.4164	0.3926	0.4112	Ave		0.4117				3.5		20.0			
Isobutyl alcohol	+++++ 4.2324	4.5757 4.9266	4.8485	4.0935	4.1282	Ave		4.4675				8.2		20.0			
Isooctane	+++++ 0.6465	0.5947 0.6863	0.6331	0.5930	0.6383	Ave		0.6320				5.5		20.0			
Benzene	+++++ 1.4786	1.5066 1.4782	1.6370	1.4474	1.4846	Ave		1.5054			0.5000	4.5		20.0			
Tert-amyl methyl ether	+++++ 0.8626	0.7109 0.9234	0.9354	0.7642	0.8289	Ave		0.8376				10.6		20.0			
Isopropyl acetate	+++++ 0.1485	0.1412 0.1602	0.1725	0.1358	0.1388	Ave		0.1495				9.5		20.0			
1,2-Dichloroethane	+++++ 0.3628	0.4258 0.3821	0.4078	0.3393	0.3468	Ave		0.3774			0.1000	9.1		20.0			
n-Heptane	+++++ 0.2034	0.1931 0.2095	0.2083	0.2042	0.2062	Ave		0.2041				2.9		20.0			
n-Butanol	+++++ 1.9787	2.1577 2.3664	2.2732	1.8674	1.9681	Ave		2.1019				9.3		20.0			
Trichloroethene	+++++ 0.3541	0.3427 0.3880	0.3666	0.3279	0.3494	Ave		0.3548			0.2000	5.8		20.0			
Methylcyclohexane	+++++ 0.4203	0.4314 0.4459	0.4077	0.4080	0.4287	Ave		0.4237			0.1000	3.5		20.0			
Ethyl acrylate	+++++ 0.5971	0.5486 0.6418	0.6125	0.5524	0.5846	Ave		0.5895				6.1		20.0			
1,2-Dichloropropane	+++++ 0.3319	0.3286 0.3483	0.3626	0.3062	0.3279	Ave		0.3343			0.1000	5.8		20.0			
Methyl methacrylate	+++++ 0.0811	0.0813 0.0866	0.0908	0.0765	0.0758	Ave		0.0820				7.1		20.0			
1,4-Dioxane	+++++ 1.5303	1.2277 1.6038	1.4960	1.2843	1.2119	Ave		1.3923				12.3		20.0			
Dibromomethane	+++++ 0.2278	0.2365 0.2332	0.2703	0.2142	0.2212	Ave		0.2339				8.4		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3298	0.2815 0.3505	0.3584	0.2999	0.3203	Ave		0.3234				9.1		20.0			
Bromodichloromethane	+++++ 0.4722	0.4621 0.4968	0.5182	0.4304	0.4565	Ave		0.4727			0.2000	6.6		20.0			
2-Nitropropane	+++++ 0.0588	0.0544 0.0636	0.0735	0.0556	0.0566	Ave		0.0604				11.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0402	0.0404 0.0416	0.0453	0.0410	0.0406	Ave		0.0415				4.6		20.0			
Epichlorohydrin	0.5819 0.2699	0.2796 0.2670	0.3244	0.2608	0.2657	QuaF		0.2709	0						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.6598	0.6590 0.6505	0.7502	0.6367	0.6664	Ave		0.6704			0.2000	6.0		20.0			
4-Methyl-2-pentanone	+++++ 2.3380	2.1233 2.2708	2.6279	2.1673	2.2738	Ave		2.3002			0.0500	7.8		20.0			
Toluene	+++++ 1.6795	1.8201 1.6607	1.8526	1.6250	1.6789	Ave		1.7195			0.4000	5.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5864	0.5260 0.5781	0.6698	0.5530	0.5767	Ave		0.5817			0.1000	8.3		20.0			
Ethyl methacrylate	+++++ 0.4127	0.4018 0.4084	0.4656	0.3953	0.4086	Ave		0.4154				6.1		20.0			
1,1,2-Trichloroethane	+++++ 0.3136	0.2889 0.3053	0.3822	0.3087	0.3125	Ave		0.3185			0.1000	10.2		20.0			
Tetrachloroethene	+++++ 0.4805	0.4918 0.4835	0.5245	0.4780	0.4923	Ave		0.4918			0.2000	3.5		20.0			
1,3-Dichloropropane	+++++ 0.5707	0.5767 0.5476	0.6859	0.5607	0.5755	Ave		0.5862				8.5		20.0			
2-Hexanone	+++++ 1.6117	1.5855 1.5691	1.8618	1.4812	1.5321	Ave		1.6069			0.0500	8.3		20.0			
n-Butyl acetate	+++++ 0.3975	0.4563 0.3971	0.4753	0.3932	0.4053	Ave		0.4208				8.5		20.0			
Dibromochloromethane	+++++ 0.4724	0.4274 0.4663	0.5226	0.4513	0.4742	Ave		0.4690			0.1000	6.7		20.0			
1,2-Dibromoethane	+++++ 0.3789	0.3862 0.3628	0.4595	0.3802	0.3827	Ave		0.3917			0.1000	8.7		20.0			
Chlorobenzene	+++++ 1.1710	1.1067 1.1642	1.3427	1.1303	1.1644	Ave		1.1799			0.5000	7.1		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6266	0.6206 0.6599	0.6848	0.5907	0.6098	Ave		0.6321			0.1000	5.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4679	0.4599 0.4769	0.5192	0.4422	0.4603	Ave		0.4711				5.6		20.0			
m-Xylene & p-Xylene	+++++ 0.7212	0.7351 0.7387	0.8141	0.7035	0.7349	Ave		0.7412			0.1000	5.1		20.0			
o-Xylene	+++++ 0.7417	0.7213 0.7815	0.8210	0.6976	0.7299	Ave		0.7488			0.3000	6.0		20.0			
n-Butyl acrylate	+++++ 0.2796	0.2667 0.2885	0.3032	0.2587	0.2674	Ave		0.2773				5.9		20.0			
Styrene	+++++ 1.2667	1.0839 1.2550	1.3689	1.1868	1.2297	Ave		1.2318			0.3000	7.7		20.0			
Bromoform	+++++ 0.3300	0.3194 0.3367	0.3622	0.3055	0.3208	Ave		0.3291			0.1000	5.9		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8315	0.8343 0.8942	0.9761	0.8268	0.8502	Ave		0.8688				6.7		20.0			
Isopropylbenzene	+++++ 1.8191	1.7189 1.7947	1.9772	1.7591	1.8325	Ave		1.8169			0.1000	4.9		20.0			
Bromobenzene	+++++ 0.9884	0.9081 1.0745	1.1105	0.9387	0.9790	Ave		0.9999				7.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7852	0.7827 0.8483	0.9062	0.7657	0.7760	Ave		0.8107			0.3000	6.8		20.0			
N-Propylbenzene	+++++ 3.9377	3.7597 4.0307	4.2599	3.7989	3.9808	Ave		3.9613				4.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2377	0.2826 0.2538	0.2909	0.2395	0.2371	Ave		0.2569				9.4		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1638	0.1633 0.1779	0.1804	0.1527	0.1556	Ave		0.1656				6.9		20.0			
2-Chlorotoluene	+++++ 2.5901	2.3777 2.8034	2.8634	2.4382	2.5471	Ave		2.6033				7.5		20.0			
4-Ethyltoluene	+++++ 3.2549	3.0568 3.4259	3.5628	3.1645	3.2904	Ave		3.2926				5.5		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6936	2.3728 2.8537	2.9252	2.5150	2.6473	Ave		2.6679				7.7		20.0			
4-Chlorotoluene	+++++ 2.6110	2.4046 2.7754	2.8785	2.4646	2.5738	Ave		2.6180				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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8855	0.7591 0.9640	0.9084	0.7888	0.8658	Ave		0.8619				8.8		20.0			
tert-Butylbenzene	+++++ 2.3175	2.1621 2.5113	2.4399	2.1795	2.2746	Ave		2.3141				6.0		20.0			
1,2,4-Trimethylbenzene	+++++ 2.8507	2.6016 2.9765	2.9989	2.6091	2.7426	Ave		2.7965				6.2		20.0			
sec-Butylbenzene	+++++ 3.3549	2.9727 3.4215	3.4195	3.1300	3.2878	Ave		3.2644				5.5		20.0			
1,3-Dichlorobenzene	+++++ 1.8188	1.5606 2.0032	1.8333	1.5968	1.6959	Ave		1.7514			0.6000	9.5		20.0			
4-Isopropyltoluene	+++++ 2.9558	2.5047 3.1013	2.9168	2.6333	2.8148	Ave		2.8211				7.8		20.0			
1,4-Dichlorobenzene	+++++ 1.8012	1.5219 1.9317	1.9579	1.6195	1.7148	Ave		1.7578			0.5000	9.8		20.0			
1,2,3-Trimethylbenzene	+++++ 2.7514	2.5367 2.8706	3.0130	2.6122	2.7352	Ave		2.7532				6.3		20.0			
Benzyl chloride	+++++ 1.5506	1.2933 1.6510	1.6982	1.4773	1.5619	Ave		1.5387				9.3		20.0			
Indan	+++++ 2.8101	2.4087 2.8917	3.0047	2.5368	2.7170	Ave		2.7282				8.2		20.0			
p-Diethylbenzene	+++++ 1.7549	1.4376 1.9319	1.7162	1.5418	1.6441	Ave		1.6711				10.3		20.0			
n-Butylbenzene	+++++ 1.4066	1.2391 1.5264	1.3771	1.2471	1.3459	Ave		1.3570				7.9		20.0			
1,2-Dichlorobenzene	+++++ 1.6056	1.3404 1.6899	1.7093	1.4342	1.4876	Ave		1.5445			0.4000	9.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.3446	1.8878 2.5398	2.3266	2.0240	2.2027	Ave		2.2209				10.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1771	0.1670 0.1899	0.1999	0.1607	0.1723	Ave		0.1778			0.0500	8.3		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0084	0.9100 1.1410	1.0508	0.9093	0.9986	Ave		1.0030				8.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8077	0.6766 0.9122	0.7795	0.6928	0.7594	Ave		0.7713			0.2000	11.1		20.0			
Hexachlorobutadiene	+++++ 0.3916	0.3857 0.4232	0.3876	0.3406	0.3686	Ave		0.3829				7.1		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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

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 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.6530	1.1525 1.7770	1.5912	1.4127	1.5371	Ave		1.5206				14.3		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5875	0.4430 0.6461	0.6007	0.5033	0.5425	Ave		0.5538				13.2		20.0			
Dibromofluoromethane (Surr)	0.3112 0.3051	0.3096 0.3134	0.3039	0.3021	0.3043	Ave		0.3071				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2769 0.2571	0.2733 0.2673	0.2718	0.2757	0.2644	Ave		0.2695				2.6		20.0			
Toluene-d8 (Surr)	1.2713 1.2308	1.2663 1.1503	1.2717	1.2768	1.2760	Ave		1.2490				3.7		20.0			
Bromofluorobenzene	0.4490 0.4293	0.4669 0.4042	0.4650	0.4605	0.4535	Ave		0.4469				5.1		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 196745	1335 549283	7418	27879	71932	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1062953	4417 3161330	24526	92151	254309	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 127880	751 366233	3986	13873	33380	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 940014	4649 2952450	25769	88389	248355	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1218469	5769 3491006	32086	119730	321283	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Lin2	2380 1102088	5755 3169368	29365	112959	303698	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 815999	4108 +++++	21416	74051	140452	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	BUT	Ave	+++++ 659689	2869 2325861	14735	59244	188913	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1746662	7204 5461965	42952	149714	430774	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1420483	6360 4475632	34400	132797	377789	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 185793	906 555801	4386	16927	46180	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd9	Ave	+++++ 135398	440 420178	3759	12975	32415	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 583609	3276 1789249	15477	49942	132990	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 581737	2395 1799904	11665	49600	139618	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 799630	3600 2309194	20257	74024	200278	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	5637	32028	114424	313914	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1267163	3704672				200	500			
Freon TF	FB	Ave	+++++ 817353	3520 2402570	17795	75754	204296	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	Ave	+++++ 129771	2224 309111	10931	22194	57455	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 688512	3529 2016668	15750	60946	169123	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1063162	4258 3021458	24011	80825	216091	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Lin2	+++++ 1158888	2740 2843725	18820	92294	274312	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1491493	7055 4406476	35649	133056	370096	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 373189	1784 1114647	9656	34044	90119	+++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	+++++ 448792	2036 1230718	11340	41773	113849	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 942933	4145 2832054	22830	78103	218530	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1269711	5358 3726332	26558	112602	304979	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	+++++ 848484	3168 2474742	20658	66720	177923	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 895001	4171 2570342	23638	78573	213402	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 652445	3601 1742808	18495	59854	156280	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 2148851	8135 6311419	53238	181448	507494	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 799946	3987 2437438	19778	71069	193046	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	4640 2750880	10318 8097217	66333	224201	606324	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 636511	2793 1804067	14291	59346	164649	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2193097	9146 6443545	53577	186980	516041	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1473316	6437 4255034	33668	123283	340767	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 323798	1070 910507	7849	28953	74464	+++++ 400	2.00 1000	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chloro-1,3-butadiene	FB	Ave	+++++ 729295	2963 2171358	16090	62784	175383	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 2121888	7856 6140019	50893	178591	497429	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 337035	1785 979035	8189	29210	79591	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 1038047	4601 3030768	24793	88174	242658	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 479092	1907 1386545	11702	37645	100542	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 149915	792 452461	3830	12340	33985	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 606731	2329 1710892	15393	53486	142783	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	+++++ 986715	4426 2867257	26117	90068	238164	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 525601	2204 1482386	14121	46105	122930	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Lin2	+++++ 191494	1233 551065	5182	16693	43483	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 3568233	12549 10716072	81008	277597	779196	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1654036	6798 4810811	39702	138381	379796	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1008330	4491 2968247	22265	90169	252284	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1346344	5786 3922059	31472	116881	328471	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1215486	5317 3545744	27232	109300	296539	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1070871	4546 3083577	24011	93975	258380	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 926111	3991 2732406	21175	80432	208737	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1689488	6689 4855115	36501	141957	401017	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 3365736	14000 9588875	77855	282821	774476	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 2254421	7996 6532881	53934	182934	520795	+++++ 200	1.00 500	5.00	20.0	50.0

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 387974	1588 1133146	9947	32516	87225	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 948071	4790 2703571	23510	81215	217888	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 531472	2172 1482189	12012	48887	129536	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 432964	1882 1312465	9928	36691	99517	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 925416	3855 2744695	21138	78487	219529	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1098560	4852 3154926	23508	97675	269339	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1560586	6171 4540953	35315	132232	367335	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 867434	3696 2464316	20906	73303	206040	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 423921	1829 1225023	10473	36622	95211	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 183982	1885 538491	4639	16326	42731	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 595334	2660 1649897	15586	51281	139008	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 861829	3166 2479494	20664	71795	201265	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1234118	5198 3515086	29876	103043	286808	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 307225	1223 900174	8474	26636	71160	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 105212	456 294908	2619	9833	25599	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	QuaF	2684 1374326	5469 3939031	33715	116278	312893	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1501890	6124 4219850	35681	124410	347641	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 2976113	10384 8375202	68286	241556	669299	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 3823082	16913 10772574	88113	317525	875850	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++	4888	31857	108045	300844	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1334808	3750113				200	500			
Ethyl methacrylate	CBNZd5	Ave	+++++ 939525	3734 2649492	22143	77238	213164	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 713908	2685 1980158	18176	60321	163003	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 1093699	4570 3136539	24947	93403	256794	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 1299053	5359 3552128	32621	109563	300204	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2051566	7754 5787412	48378	165084	450967	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZd5	Ave	+++++ 904815	4240 2576025	22608	76821	211419	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZd5	Ave	+++++ 1075296	3972 3024720	24855	88192	247392	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 862395	3589 2353733	21855	74293	199632	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 2665662	10284 7552022	63859	220861	607441	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 1426281	5767 4280467	32570	115422	318108	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 1065077	4274 3093484	24695	86396	240121	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 1641646	6831 4791677	38721	137465	383359	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1688302	6703 5069715	39047	136302	380789	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 636427	2478 1871169	14420	50550	139493	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 2883431	10072 8141024	65104	231888	641497	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 751217	2968 2184423	17228	59685	167335	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 1036434	4307 2964275	25305	88449	241680	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 4140794	15973 11641852	94039	343726	955961	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 1231953	4688 3561774	28790	100417	278309	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 978684	4041 2812099	23495	81909	220591	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 4907946	19410 13361322	110442	406397	1131607	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 296254	1459 841255	7541	25618	67413	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 204132	843 589831	4678	16333	44218	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 3228321	12275 9292992	74236	260828	724043	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 4056931	15781 11356398	92369	338525	935358	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 3357260	12250 9459727	75838	269045	752537	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 3254337	12414 9200095	74627	263651	731650	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	+++++ 1103714	3919 3195465	23550	84387	246125	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 2888558	11162 8324538	63256	233157	646586	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 3553102	13431 9866624	77749	279110	779621	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 4181536	15347 11341852	88653	334838	934612	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 2266954	8057 6640419	47530	170823	482089	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 3684154	12931 10280439	75620	281697	800168	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	7857	50760	173252	487475	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292076-1 | Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 | Calibration End Date: 10/27/2023 14:48 | Calibration ID: 94875

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2244970	6403339				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 3429293	13096 9515792	78116	279449	777528	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 1932610	6677 5472880	44028	158036	444006	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 3502539	12435 9585517	77900	271383	772349	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 2187332	7422 6403883	44495	164936	467373	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 1753150	6397 5059785	35702	133411	382596	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 2001237	6920 5601667	44316	153421	422874	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 2922318	9746 8419176	60320	216526	626155	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 220785	862 629536	5182	17187	48969	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 1256887	4698 3782217	27242	97271	283855	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 1006665	3493 3023673	20208	74111	215884	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 488032	1991 1402806	10049	36434	104787	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 2060268	5950 5890503	41252	151122	436947	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 732254	2287 2141751	15573	53838	154223	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	158990 199323	174136 221694	175220	180807	191220	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	141496 167983	153697 189094	156719	165003	166148	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	534266 700419	588344 746156	604831	623694	665659	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	188678 244333	216926 262231	221164	224953	236557	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.: 460-292076-1 Analy Batch No.: 940983

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2023 12:09 Calibration End Date: 10/27/2023 14:48 Calibration ID: 94875

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-940983/5	T671310.D
Level 2	STD1 460-940983/7	T671312.D
Level 3	STD5 460-940983/8	T671313.D
Level 4	STD20 460-940983/9	T671314.D
Level 5	STD50 460-940983/10	T671315.D
Level 6	STD200 460-940983/11	T671316.D
Level 7	STD500 460-940983/12	T671317.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Butadiene	2.7						30					
Iodomethane	+++++	2.4						30				
Tetrahydrofuran	+++++	-3.0						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 27-Oct-2023 12:09:48 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0167990-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:43:33 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: W9CM Date: 27-Oct-2023 13:22:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.748	1.748	0.000	82	2380	0.2500	0.2567	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	95	30418	1000.0	1000.0	
33 Acrylonitrile	53	3.536	3.536	0.000	99	4640	2.00	4.61	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	64	230633	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	95	158990	50.0	50.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.386	0.006	98	141496	50.0	51.4	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	510919	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.530	6.535	-0.005	1	27211	1000.0	1000.0	
80 Epichlorohydrin	57	7.332	7.326	0.006	87	2684	5.00	10.7	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	534266	50.0	50.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	420246	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	95	188678	50.0	50.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.078	-0.005	94	225364	50.0	50.0	

QC Flag Legend
Processing Flags

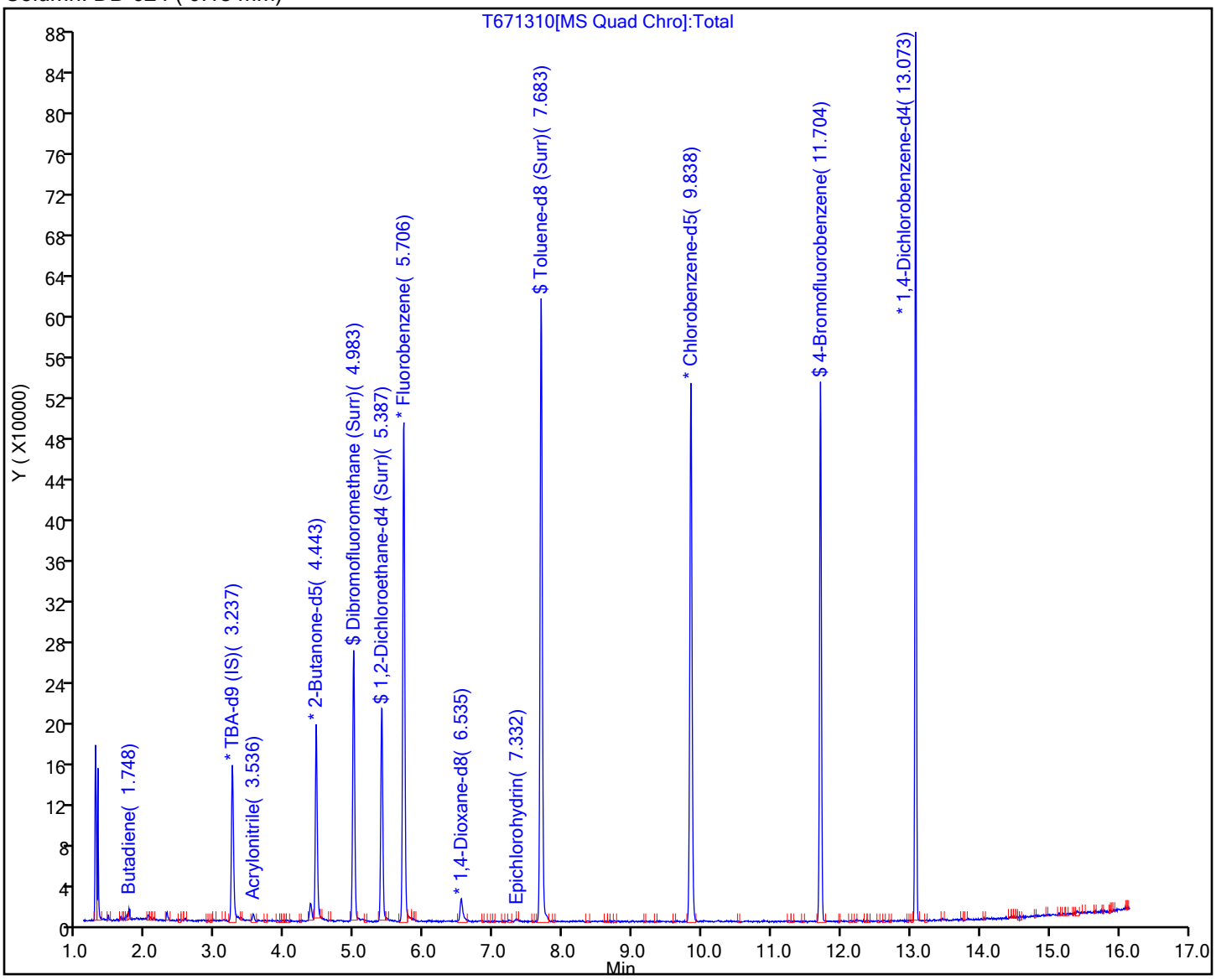
Reagents:

8260MIX1COMB_00177	Amount Added:	0.00	Units: uL	
GASES Li_00554	Amount Added:	2.50	Units: uL	
ACROLEIN W_00161	Amount Added:	0.00	Units: uL	
524FREONS_00009	Amount Added:	0.00	Units: uL	
14DIOXINTER_00162	Amount Added:	0.00	Units: uL	
GAS Hi_00454	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00118	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	0.00	Units: uL	
MIX I Hi_00169	Amount Added:	0.00	Units: uL	
7 Freons Hi_00007	Amount Added:	0.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	0.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	0.00	Units: uL	
VMTBA500_00041	Amount Added:	2.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:43:33 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

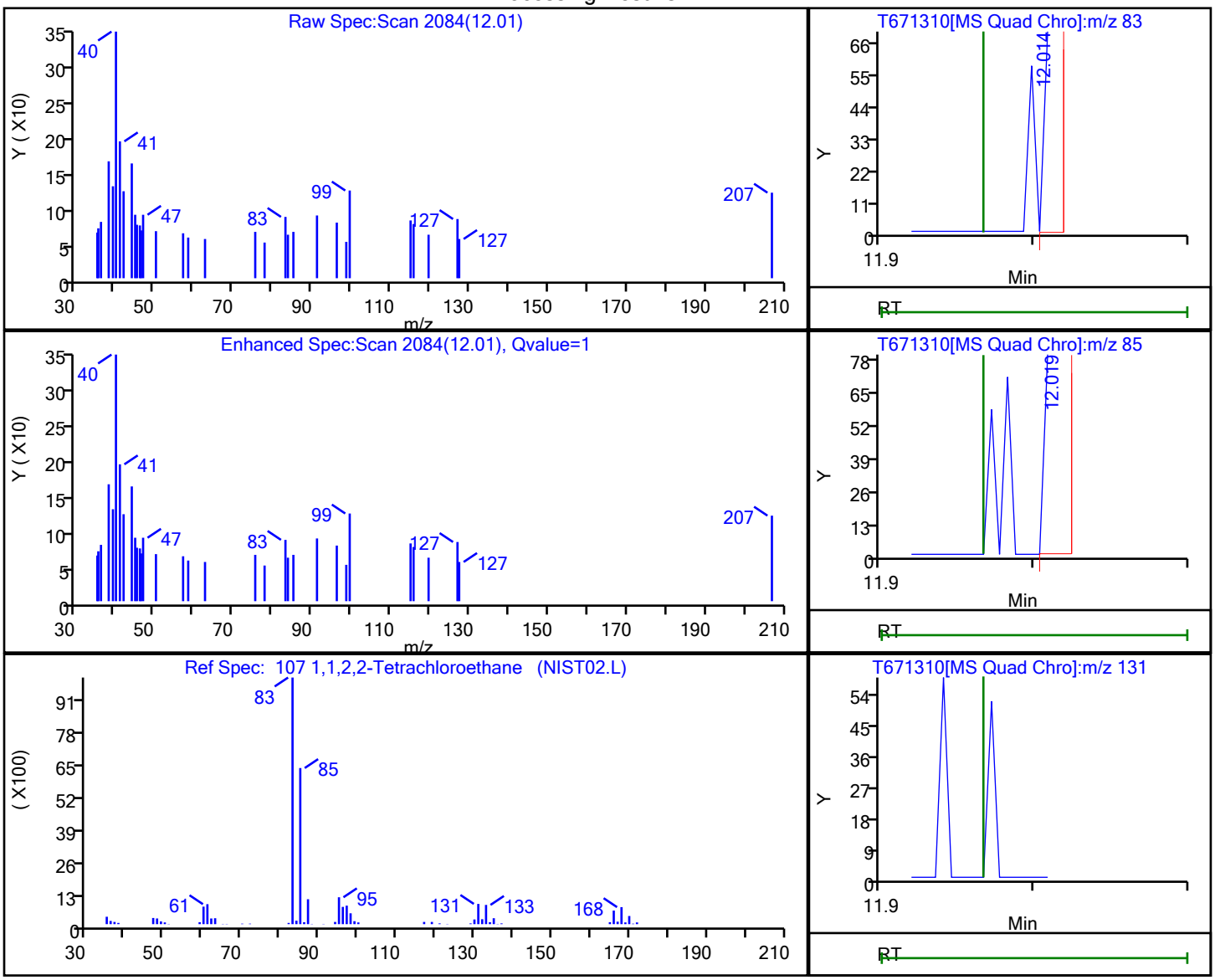
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
12.01	83.00	49	0.012487
12.02	85.00	89	
11.97	131.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

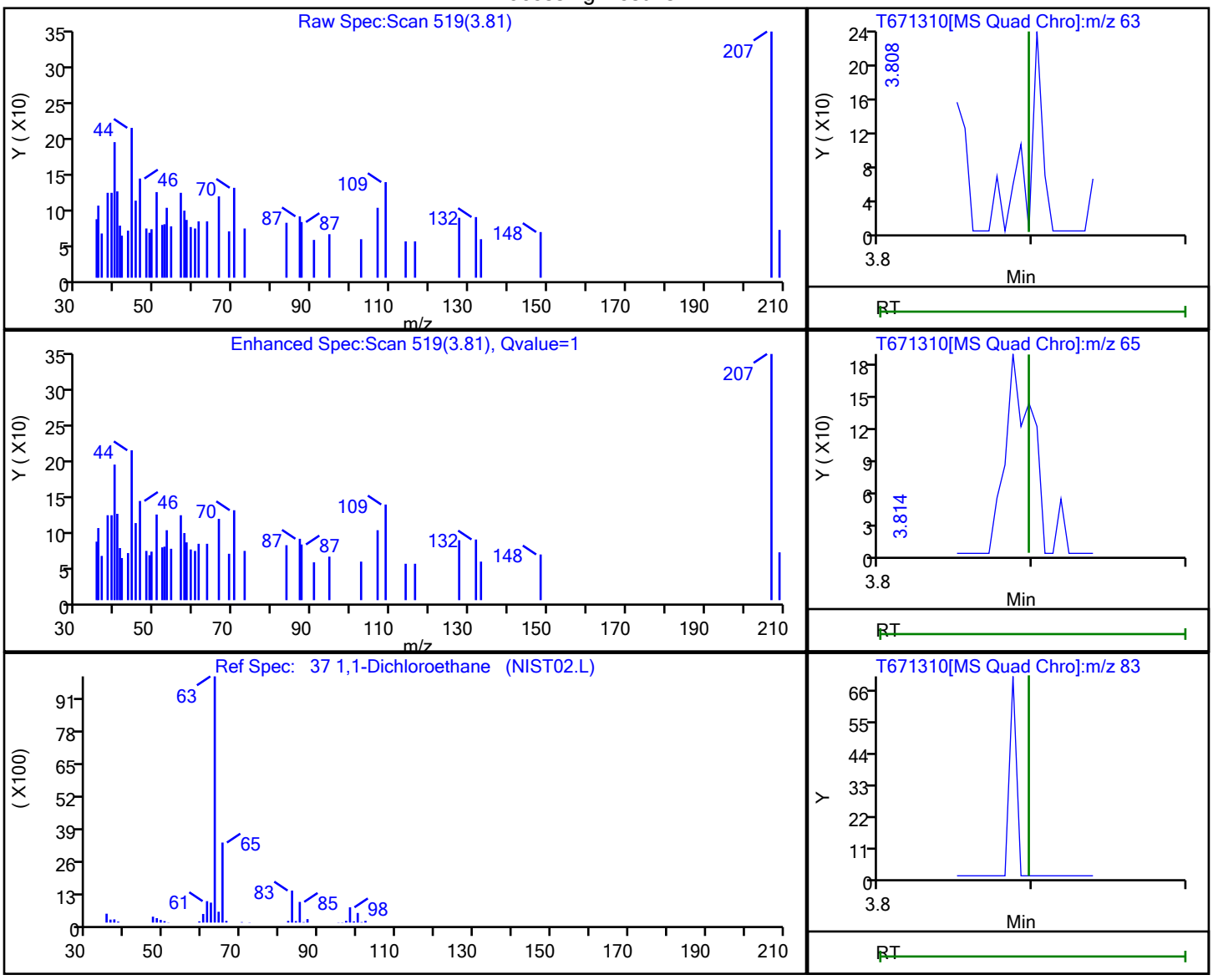
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.81	63.00	48	0.007511
3.81	65.00	40	
3.80	83.00	51	

Reviewer: W9CM, 27-Oct-2023 13:20:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

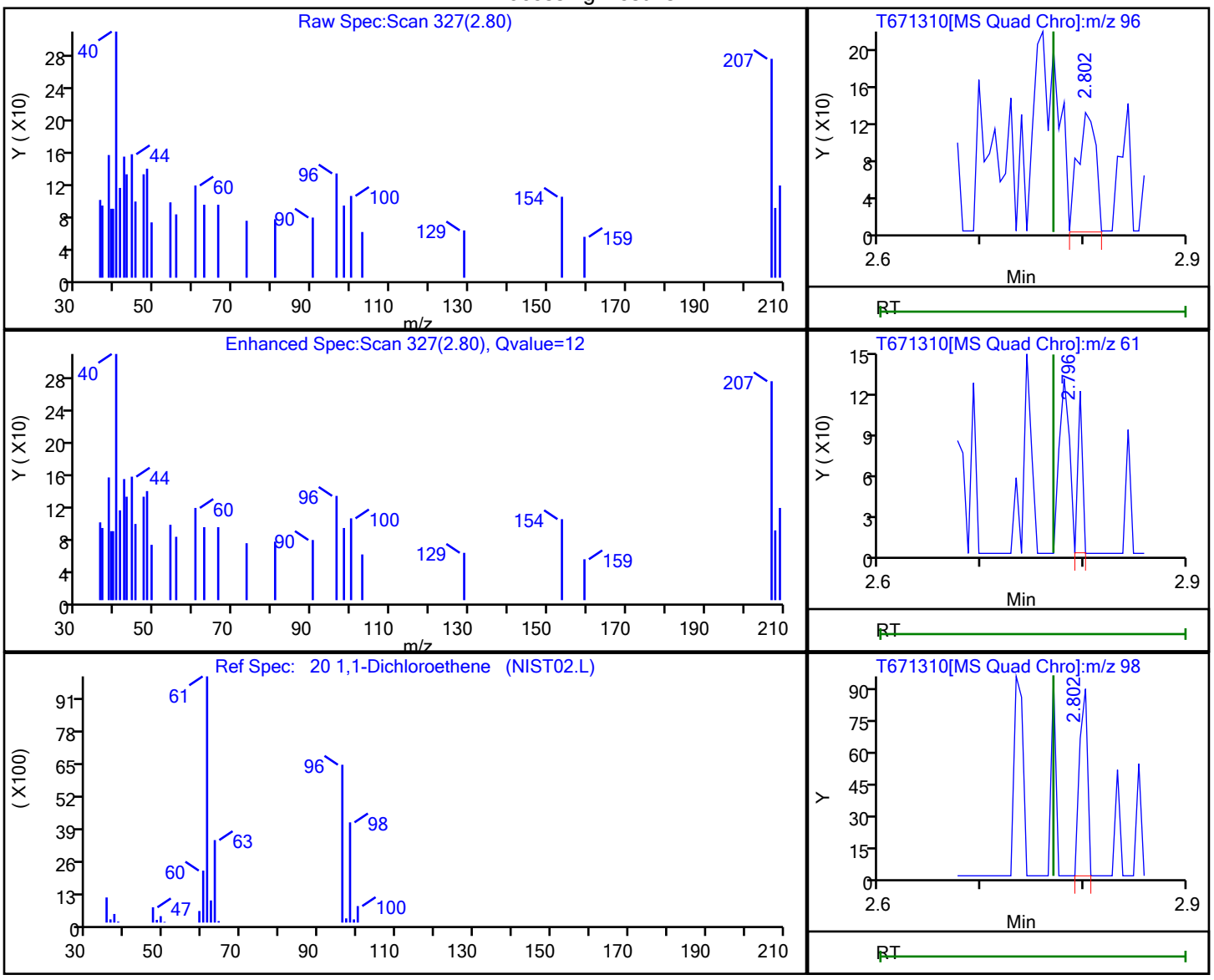
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.80	96.00	156	0.072130
2.80	61.00	37	
2.80	98.00	49	
2.80	63.00	19	

Reviewer: W9CM, 27-Oct-2023 13:19:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

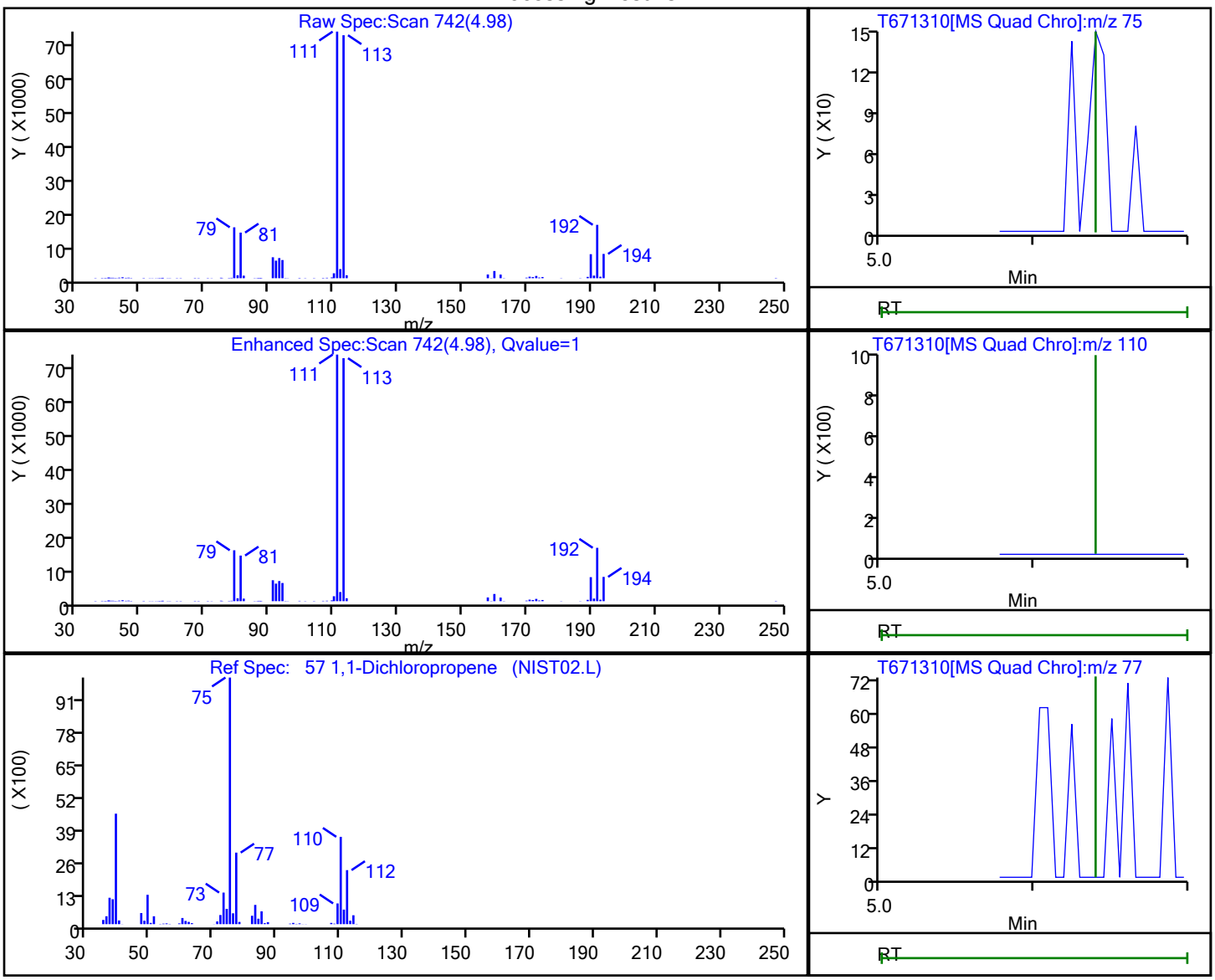
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.98	75.00	125	0.028324
4.99	110.00	3891	
4.98	77.00	69	

Reviewer: W9CM, 27-Oct-2023 13:20:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

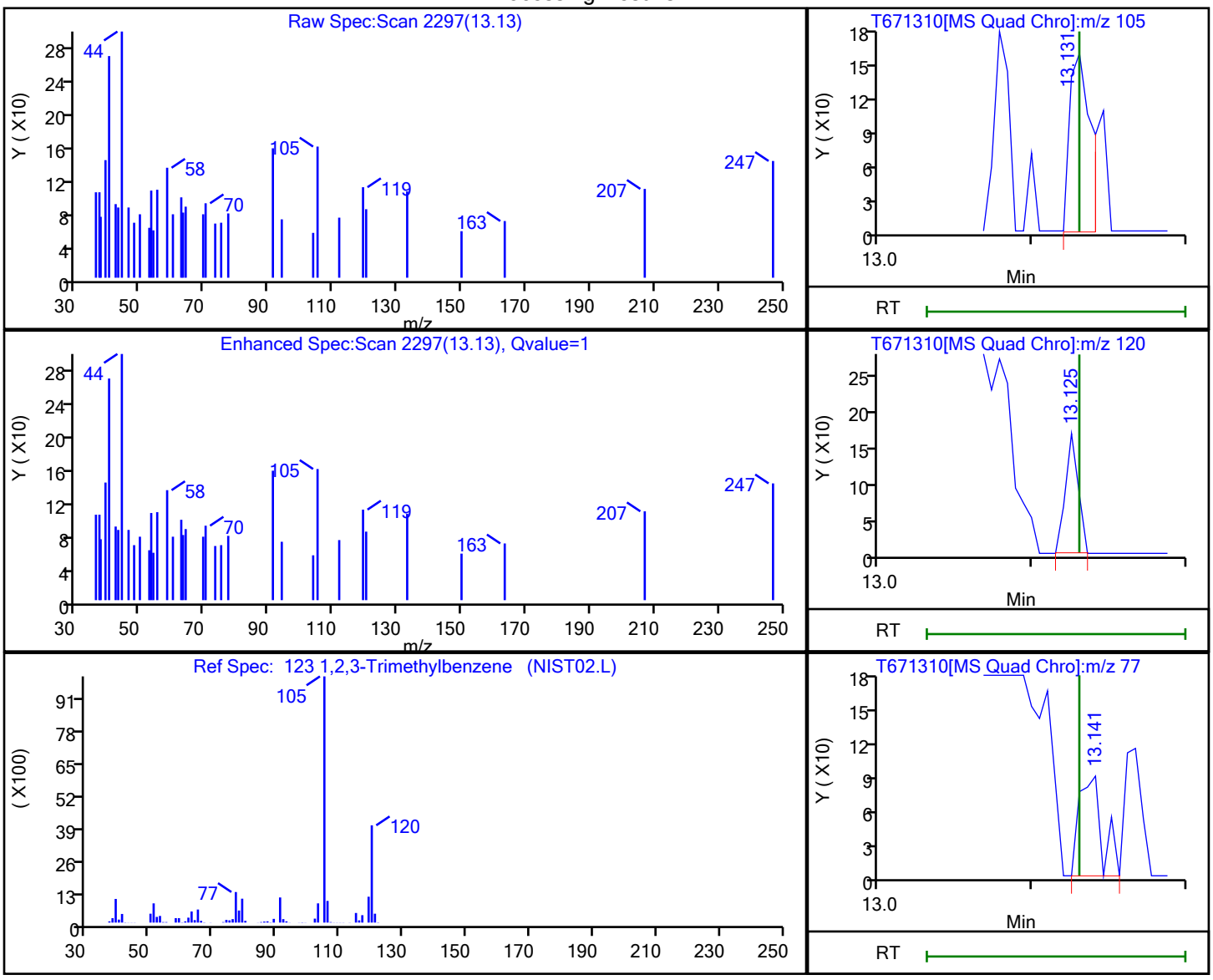
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.13	105.00	150	0.011503
13.13	120.00	98	
13.14	77.00	94	

Reviewer: W9CM, 27-Oct-2023 13:21:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

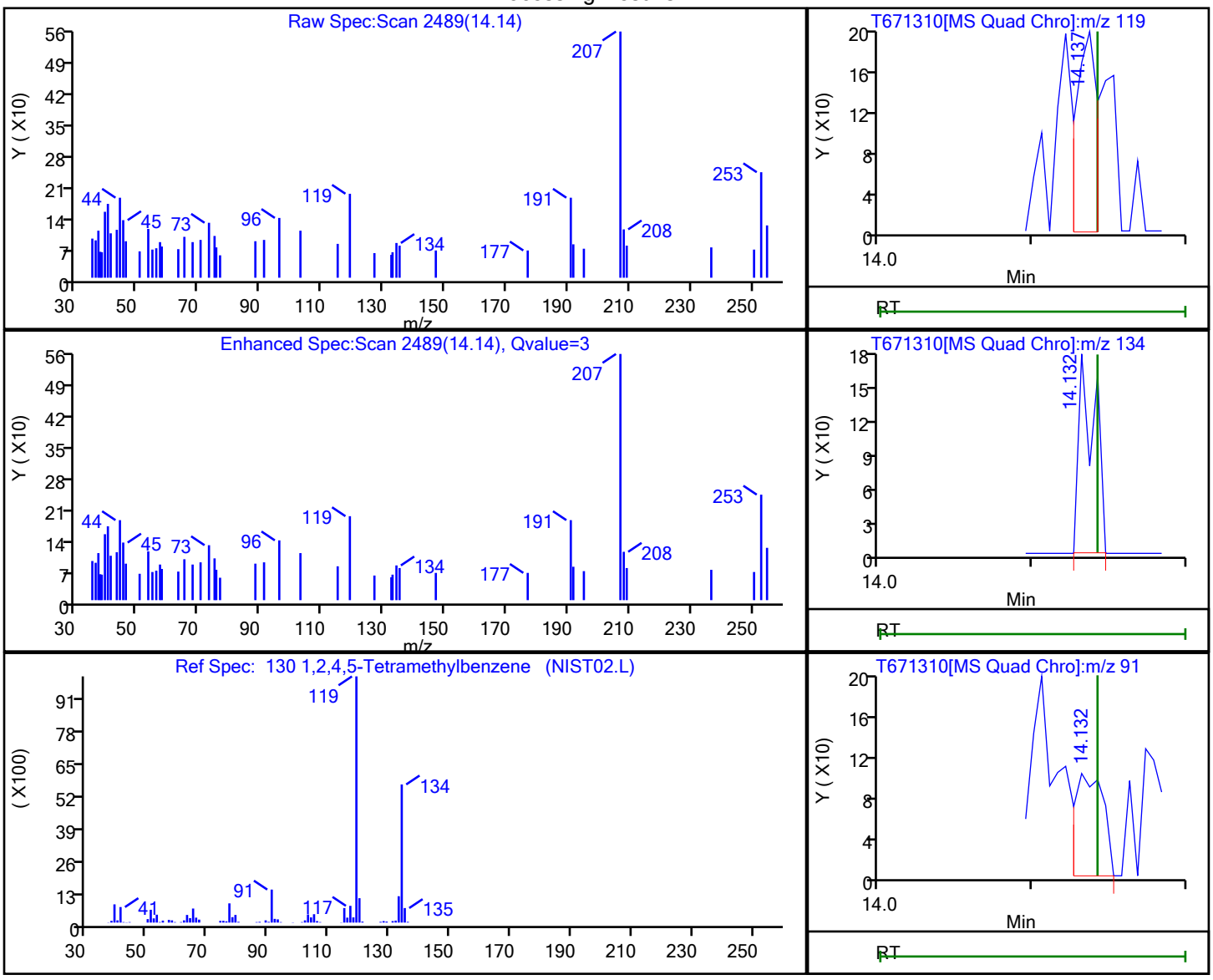
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.14	119.00	183	0.012438
14.13	134.00	132	
14.13	91.00	130	

Reviewer: W9CM, 27-Oct-2023 13:21:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

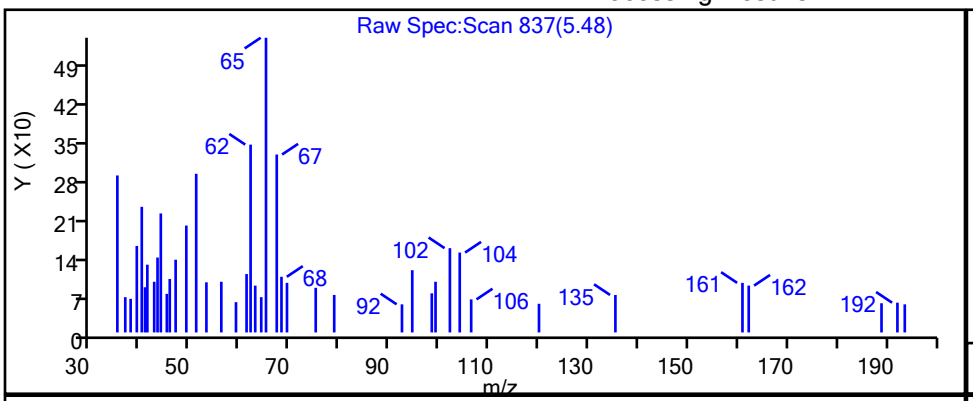
User Disabled Compound Report

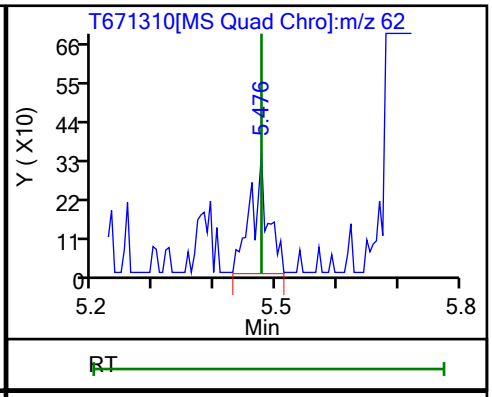
Eurofins Edison

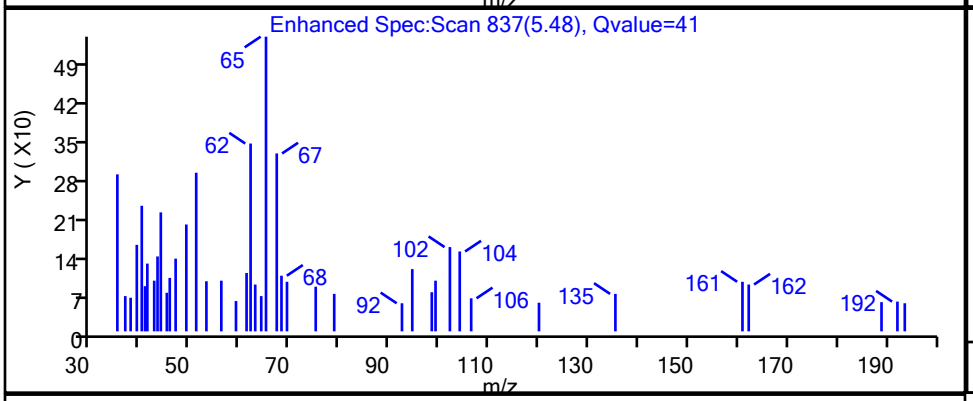
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

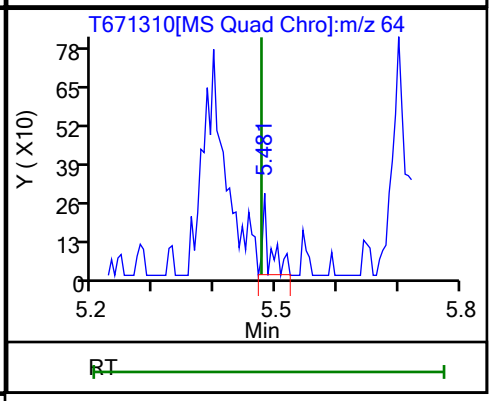
61 1,2-Dichloroethane, CAS: 107-06-2

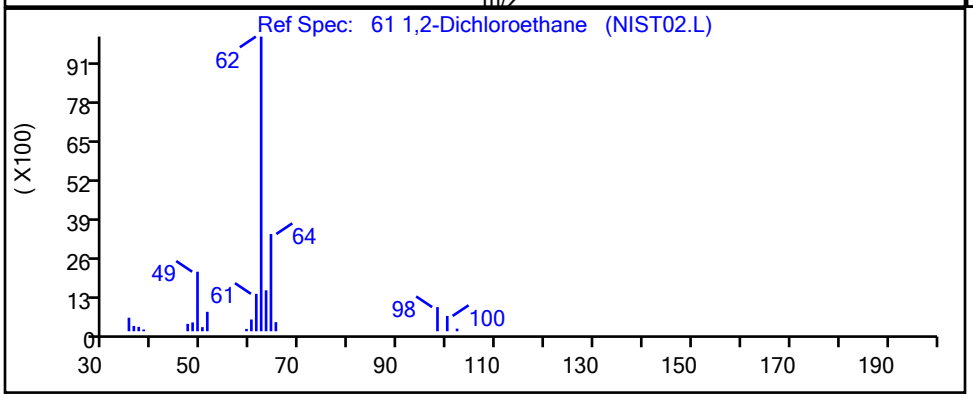
Processing Results











RT	Mass	Response	Amount
5.48	62.00	656	0.089421
5.48	64.00	227	

Reviewer: W9CM, 27-Oct-2023 13:20:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

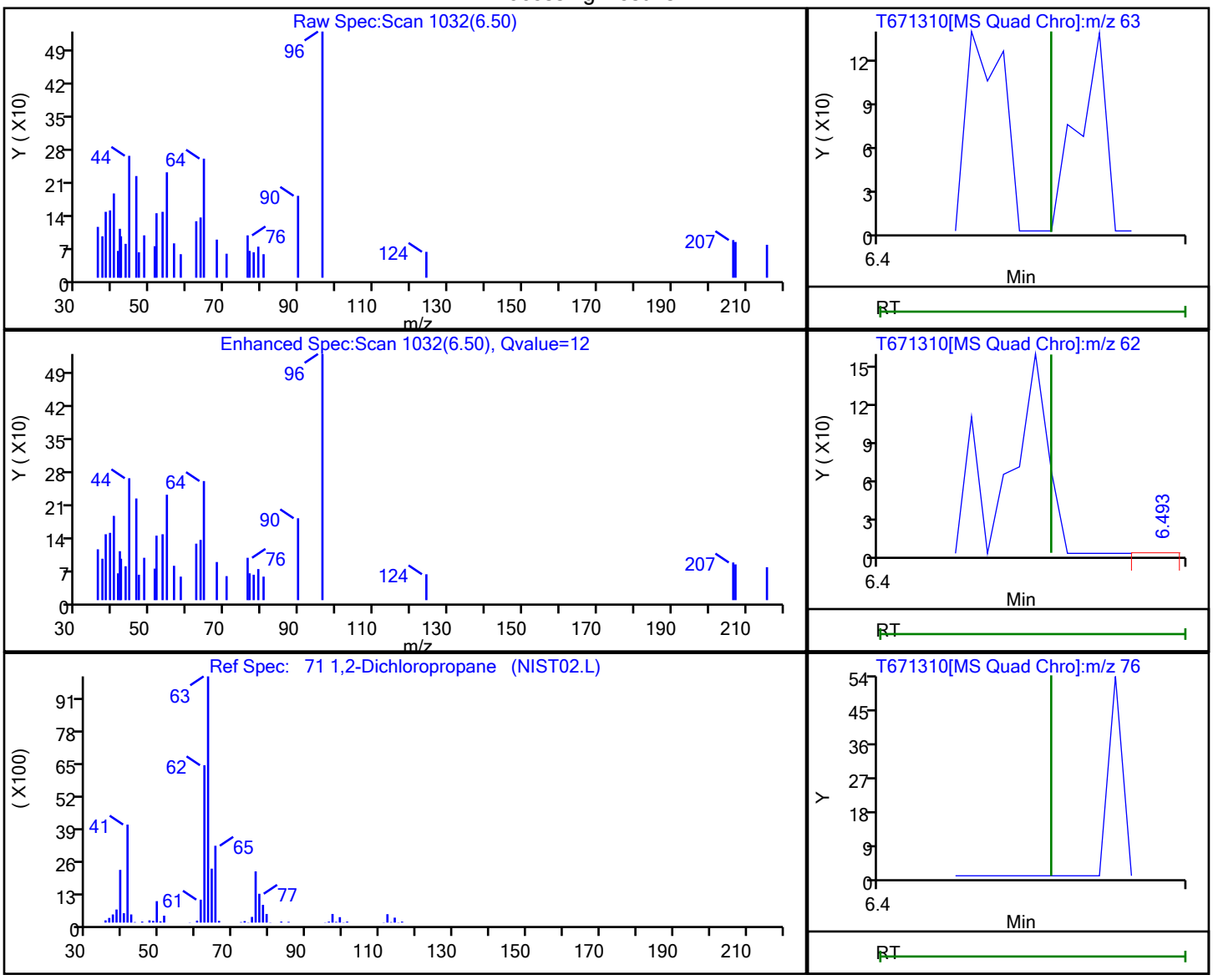
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.50	63.00	66	0.021268
6.49	62.00	149	
6.50	76.00	90	
6.46	112.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

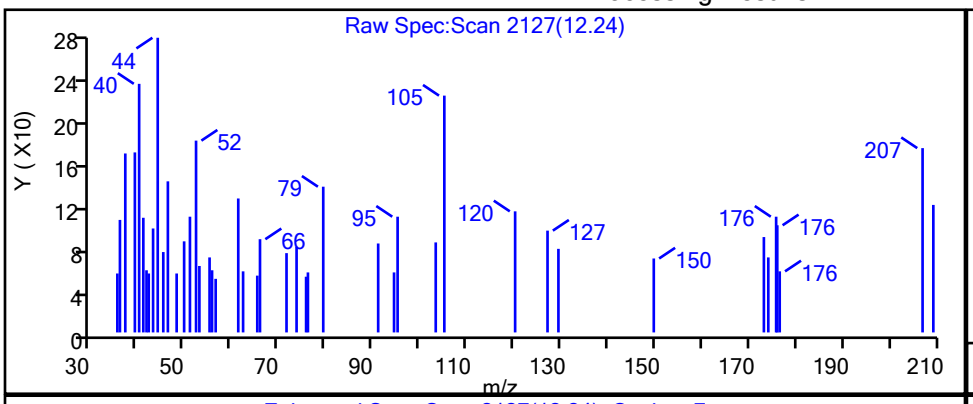
User Disabled Compound Report

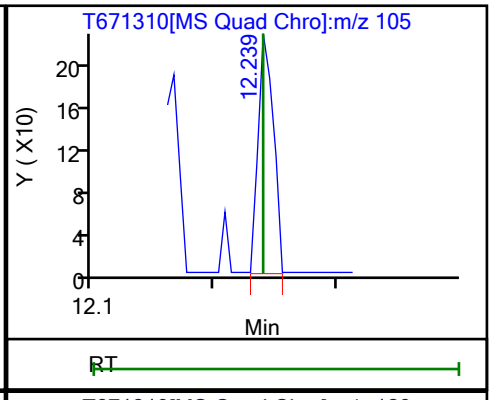
Eurofins Edison

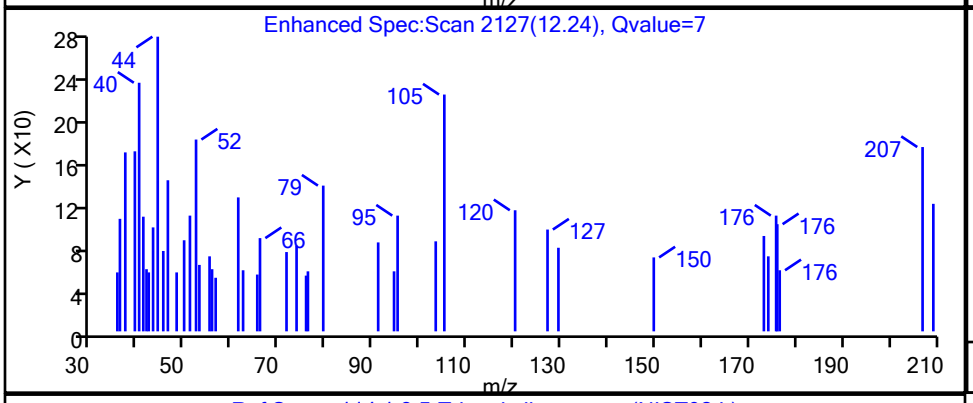
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

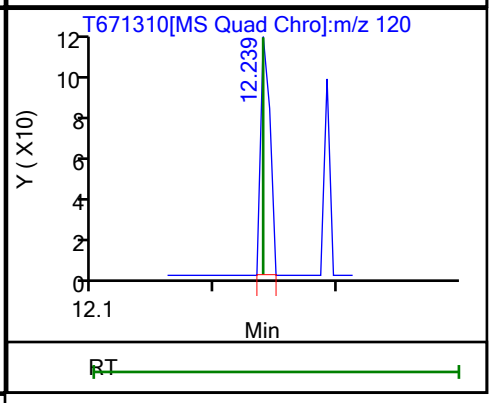
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

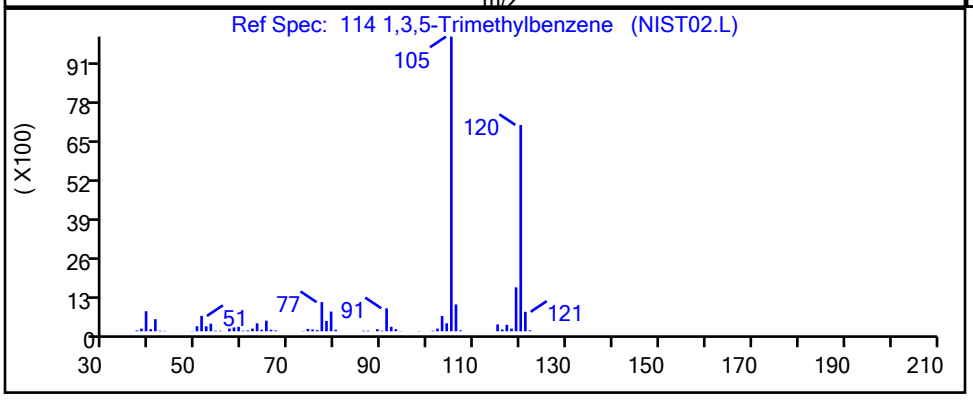
Processing Results











RT	Mass	Response	Amount
12.24	105.00	192	0.015471
12.24	120.00	60	

Reviewer: W9CM, 27-Oct-2023 13:21:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

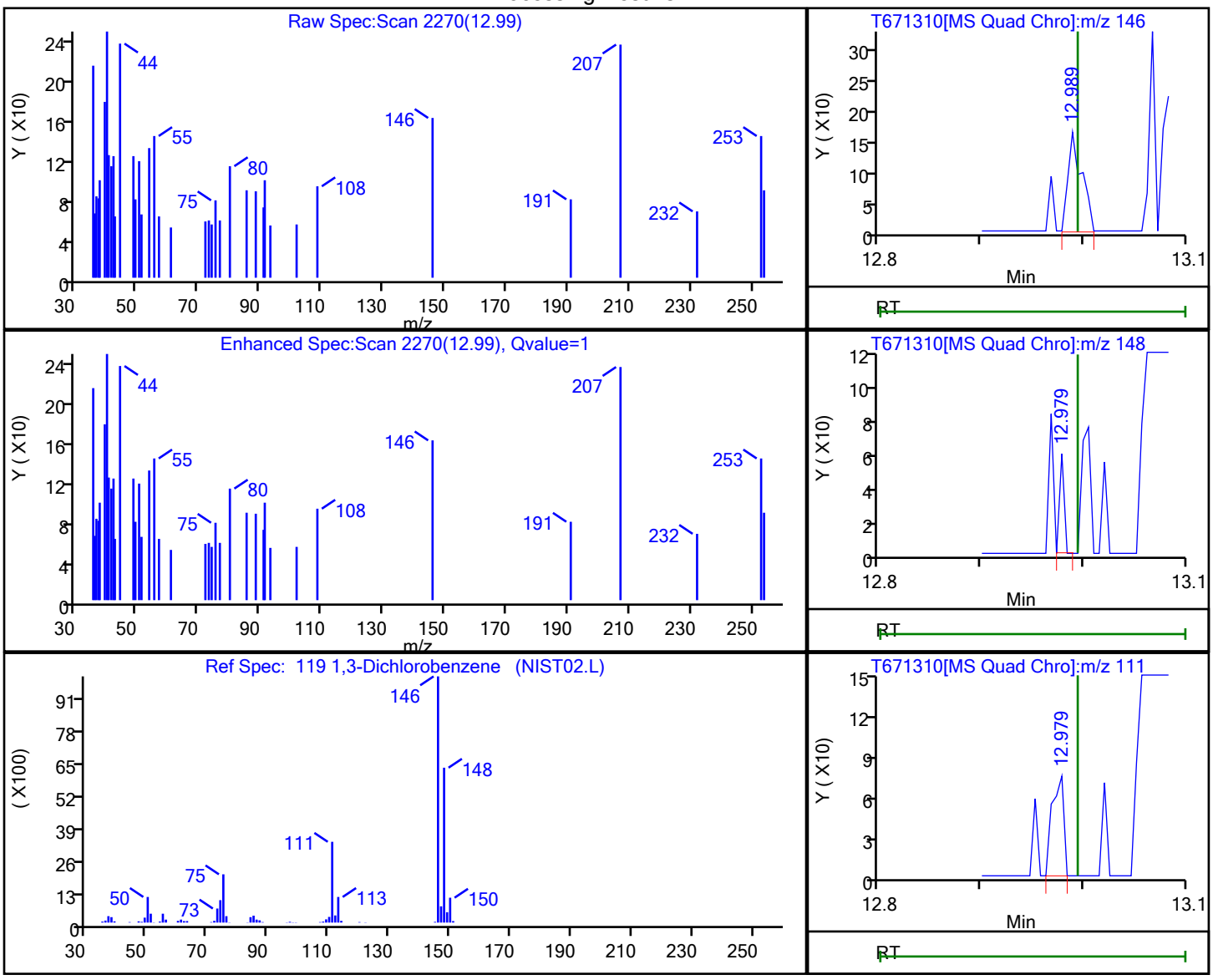
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
12.99	146.00	149	0.019275
12.98	148.00	19	
12.98	111.00	59	

Reviewer: W9CM, 27-Oct-2023 13:21:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

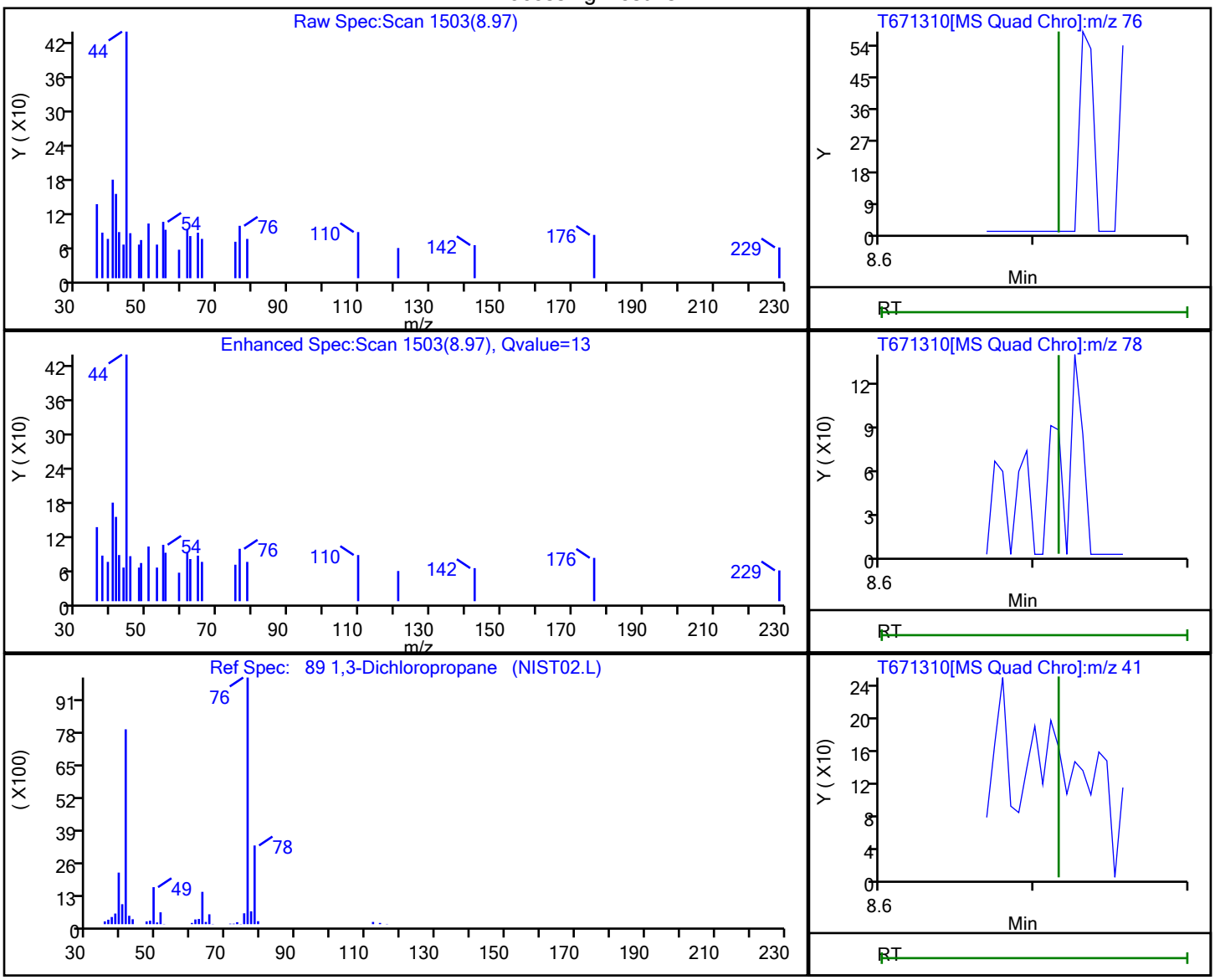
User Disabled Compound Report

Eurofins Edison

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Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
8.97	76.00	47	0.005489
8.96	78.00	64	
8.98	41.00	240	

Reviewer: W9CM, 27-Oct-2023 13:21:21 -04:00:00 (UTC)

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

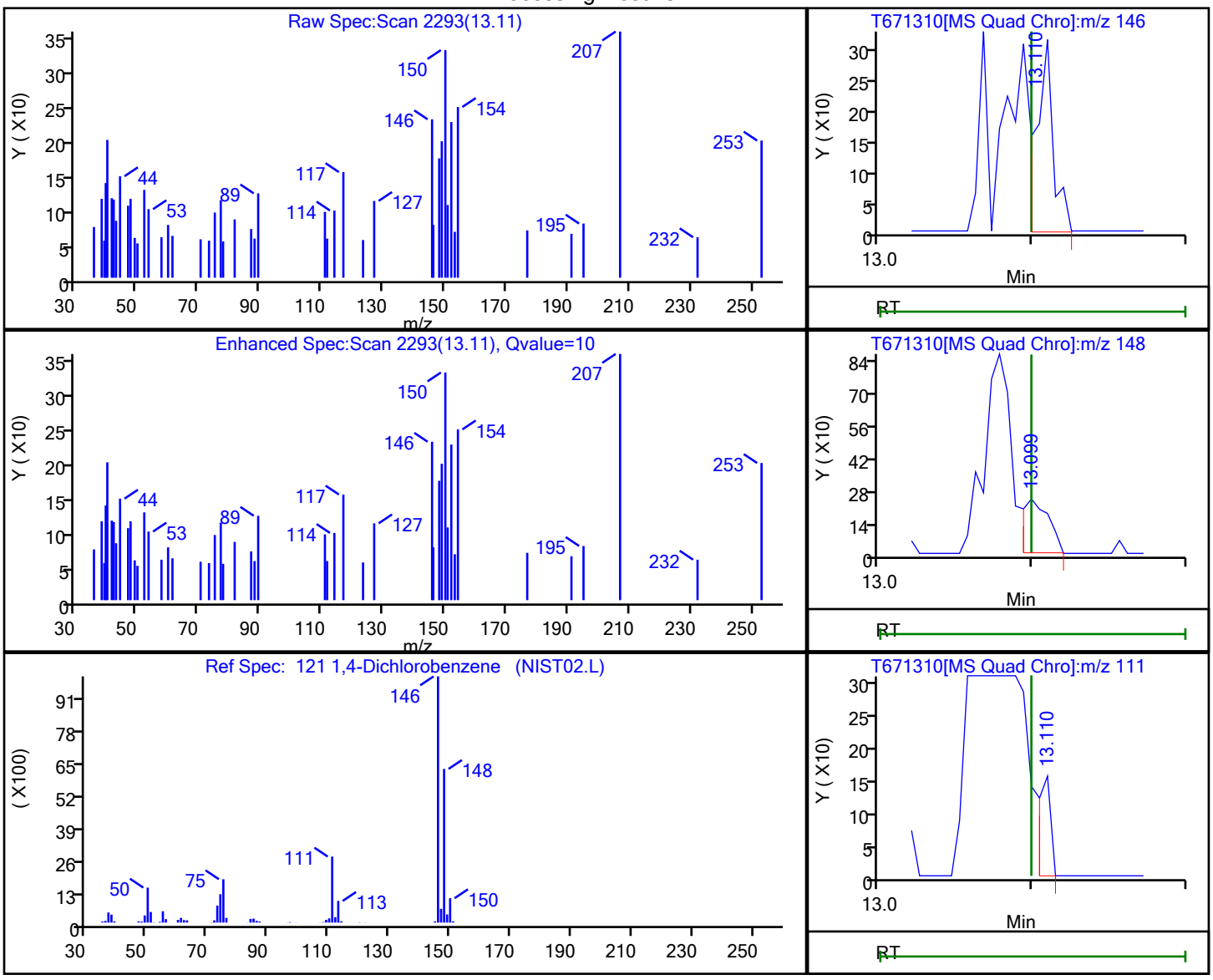
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
13.11	146.00	239	0.017667
13.10	148.00	281	
13.11	111.00	86	

Reviewer: W9CM, 27-Oct-2023 13:21:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

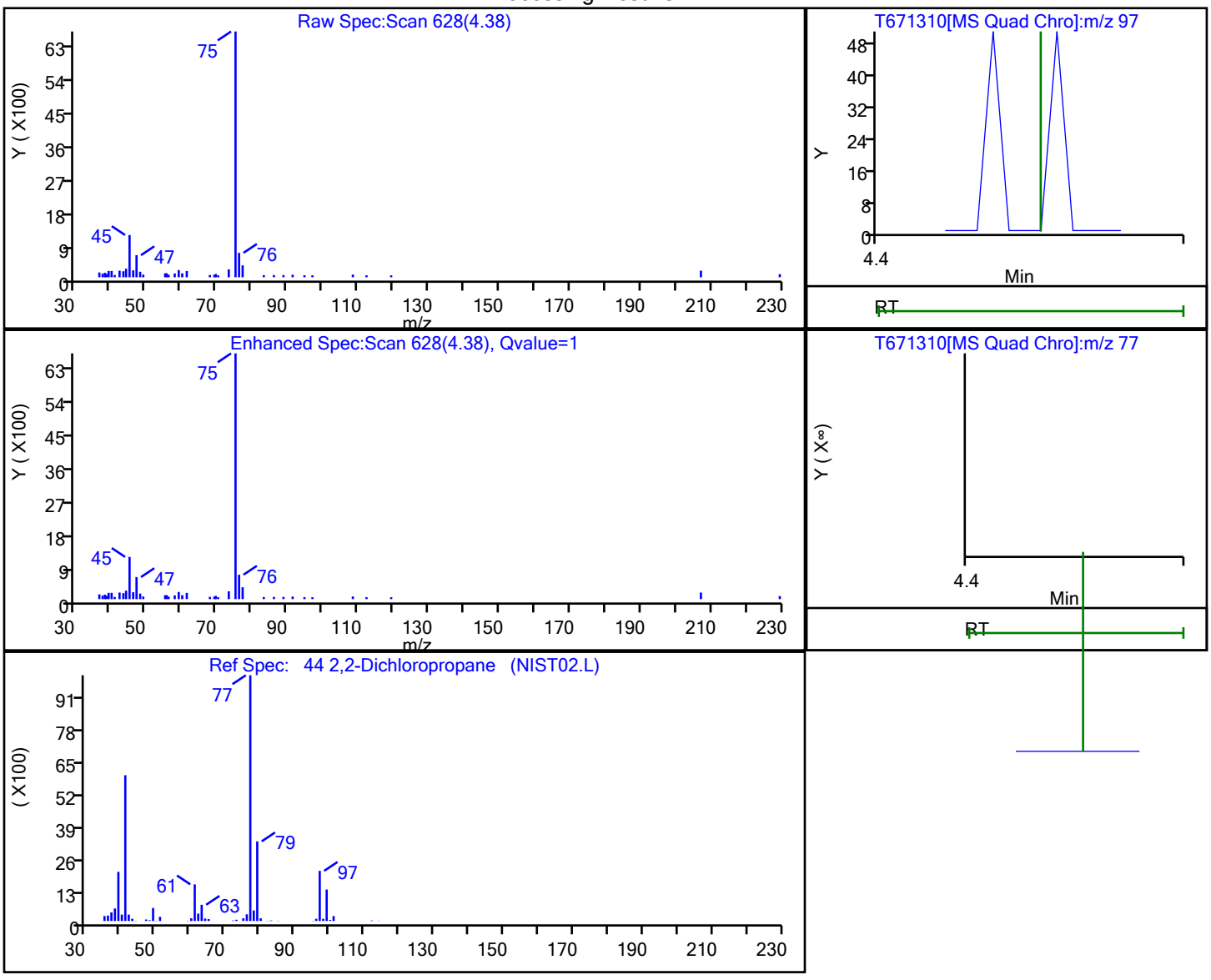
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.38	97.00	16	0.016568
4.37	77.00	509	

Reviewer: W9CM, 27-Oct-2023 13:20:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

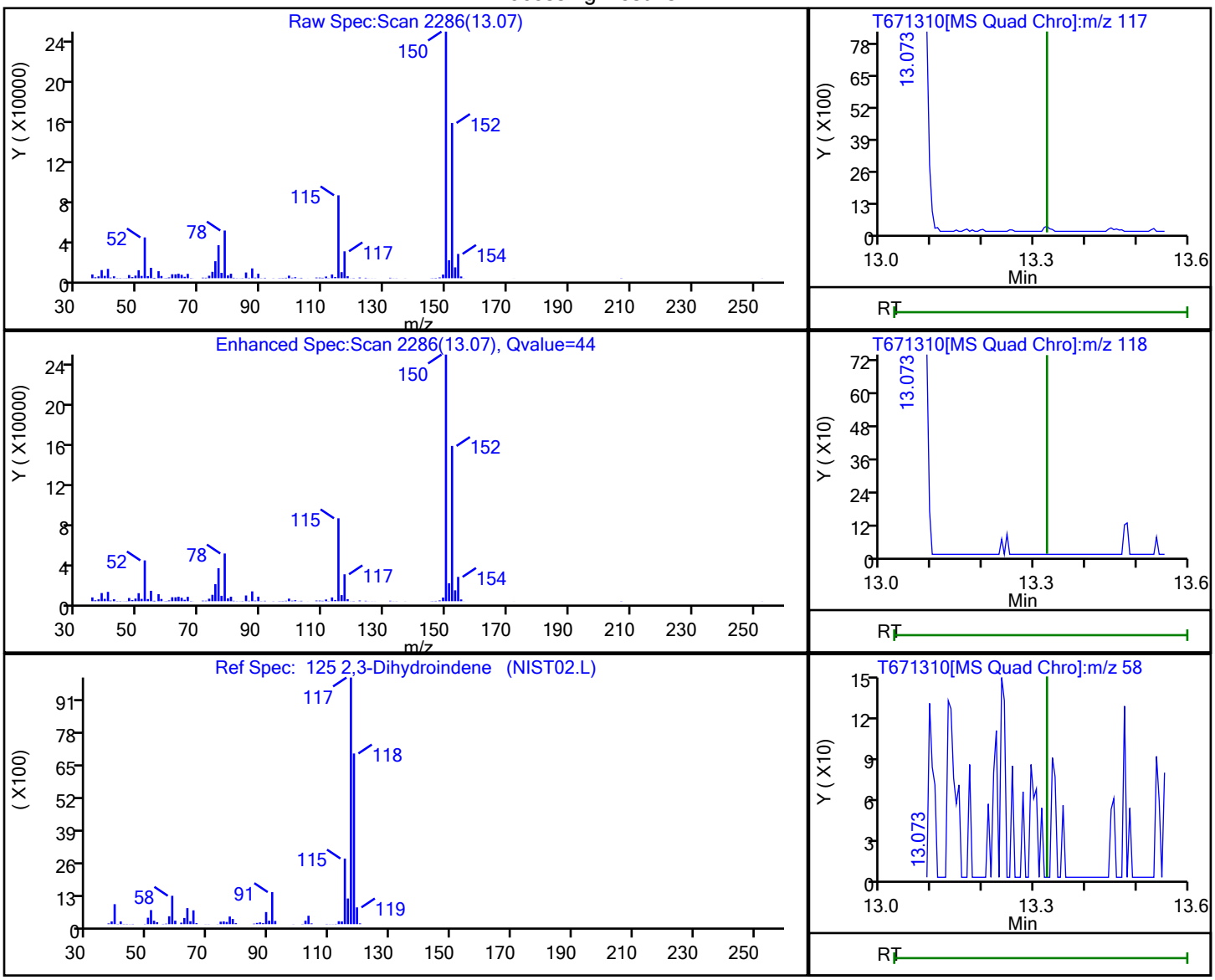
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Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

125 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
13.07	117.00	37557	3.113764
13.07	118.00	2811	
13.07	58.00	83	

Reviewer: W9CM, 27-Oct-2023 13:21:53 -04:00:00 (UTC)
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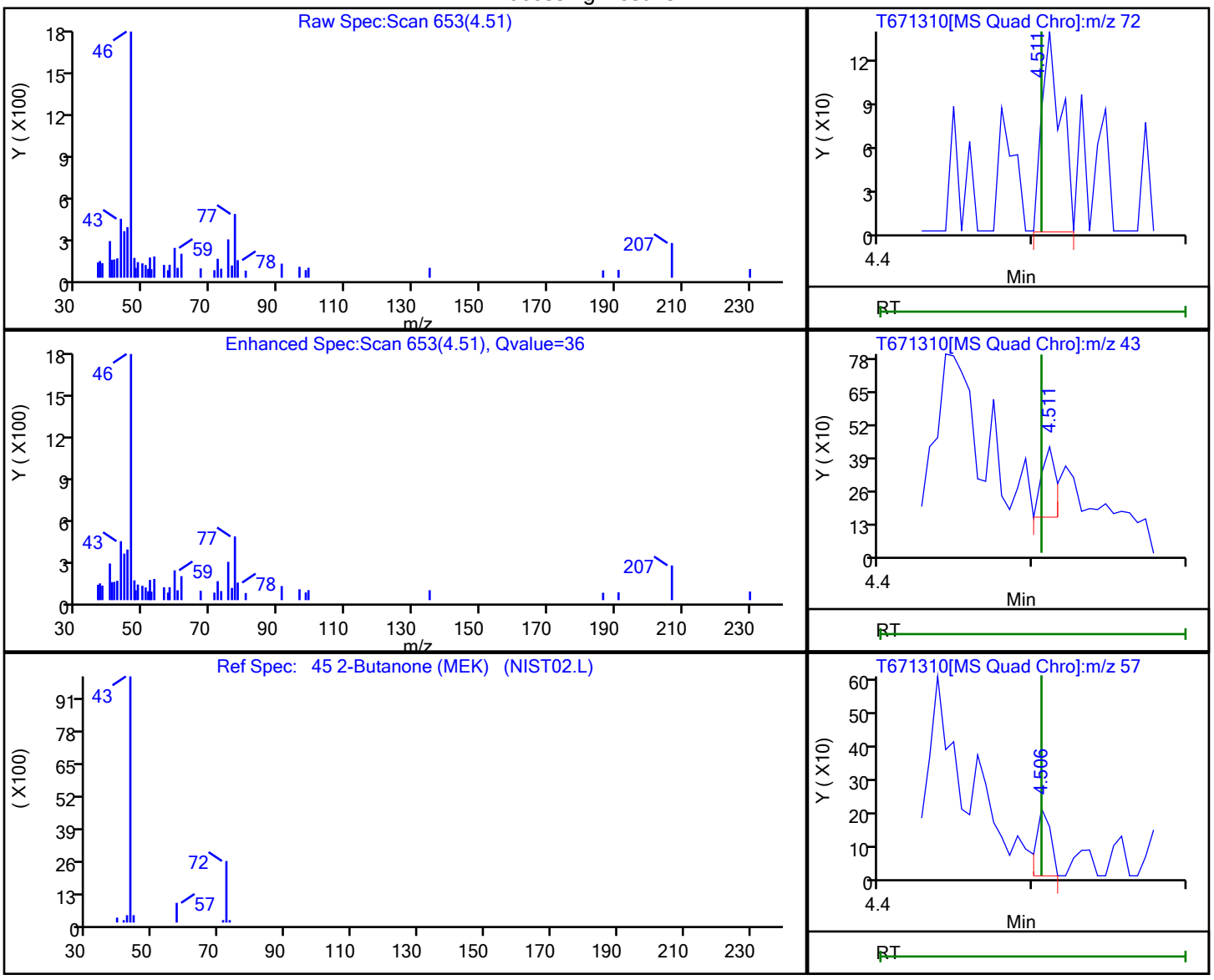
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Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.51	72.00	119	0.513626
4.51	43.00	186	
4.51	57.00	131	

Reviewer: W9CM, 27-Oct-2023 13:20:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

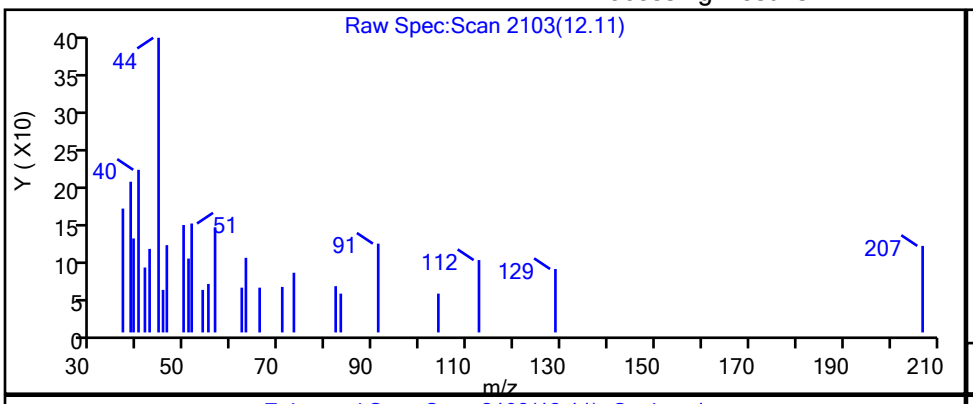
User Disabled Compound Report

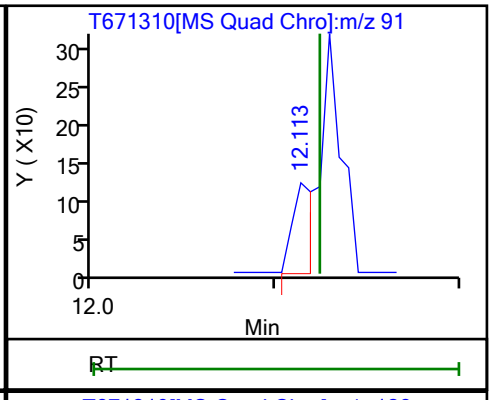
Eurofins Edison

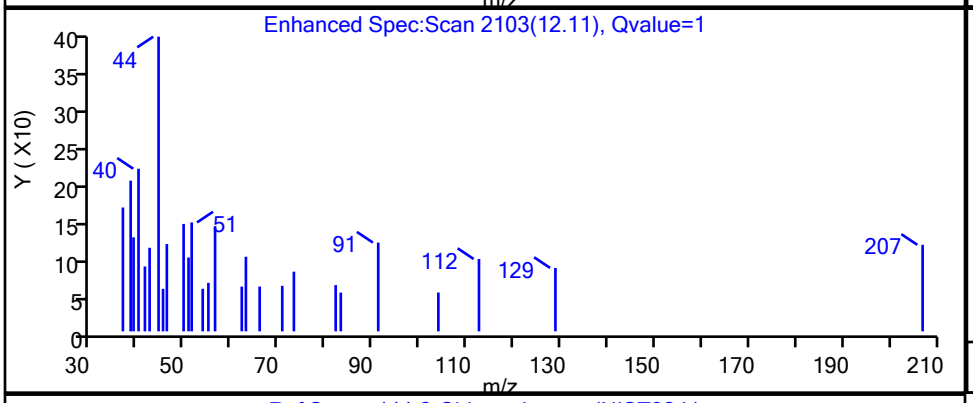
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

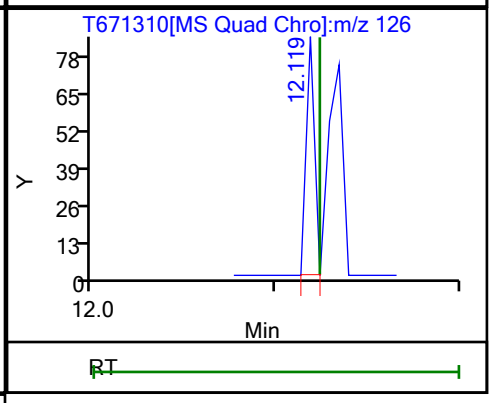
111 2-Chlorotoluene, CAS: 95-49-8

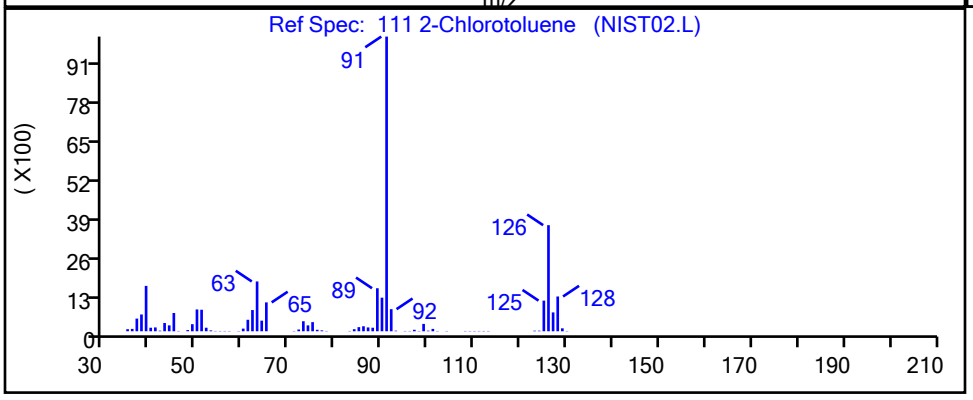
Processing Results











RT	Mass	Response	Amount
12.11	91.00	90	0.007384
12.12	126.00	27	

Reviewer: W9CM, 27-Oct-2023 13:21:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

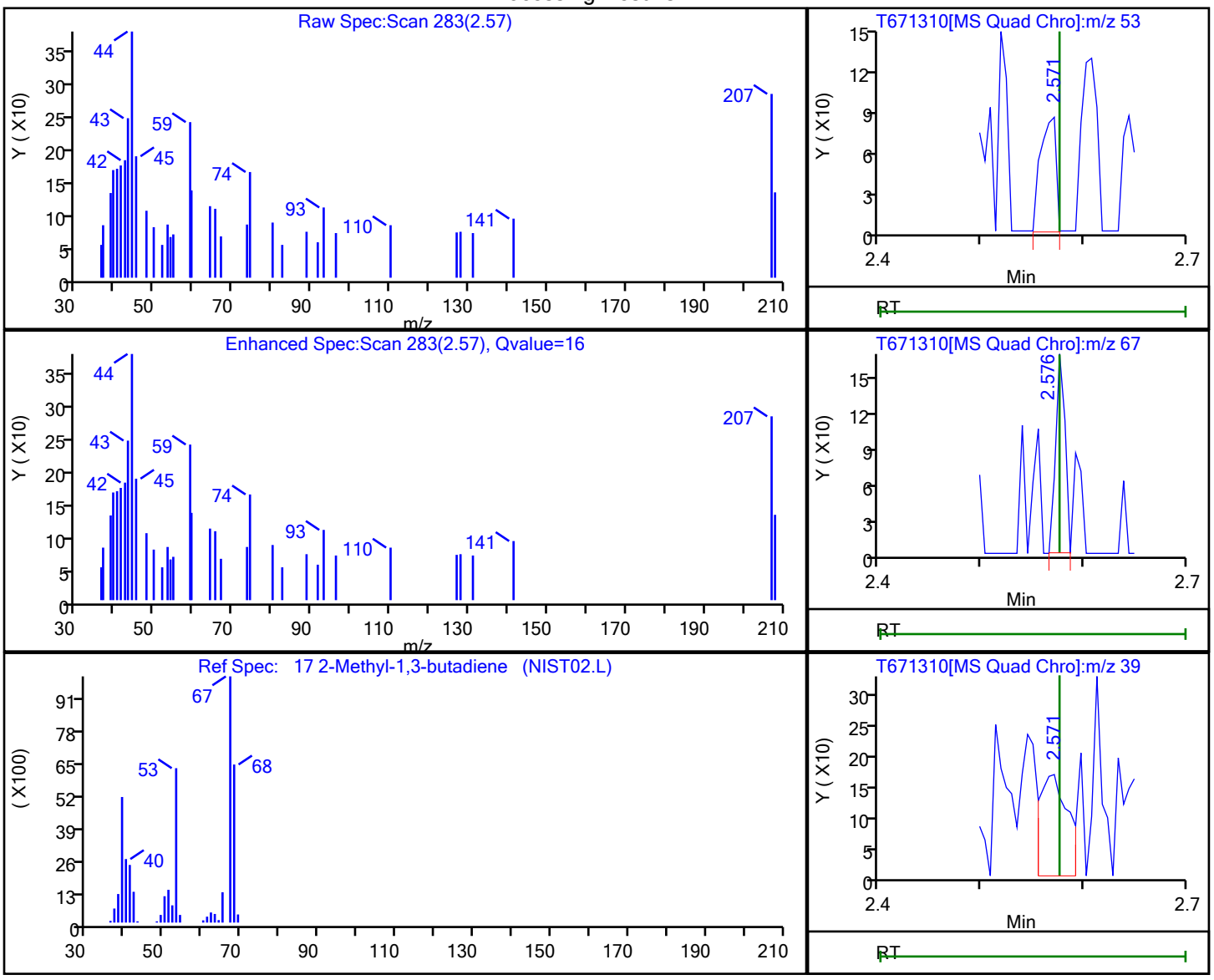
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.57	53.00	86	0.041048
2.58	67.00	106	
2.57	39.00	316	

Reviewer: W9CM, 27-Oct-2023 13:19:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

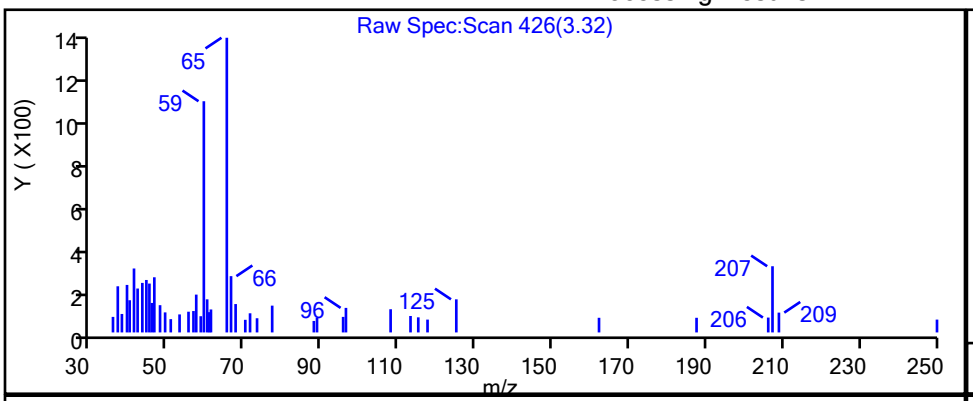
User Disabled Compound Report

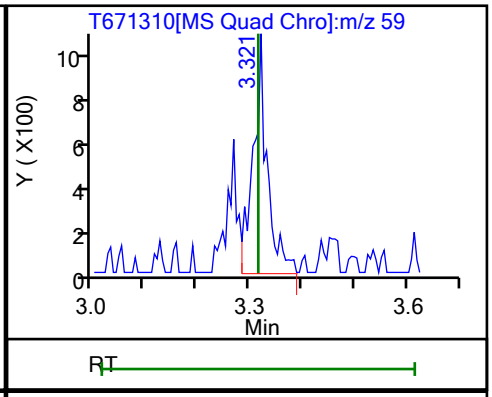
Eurofins Edison

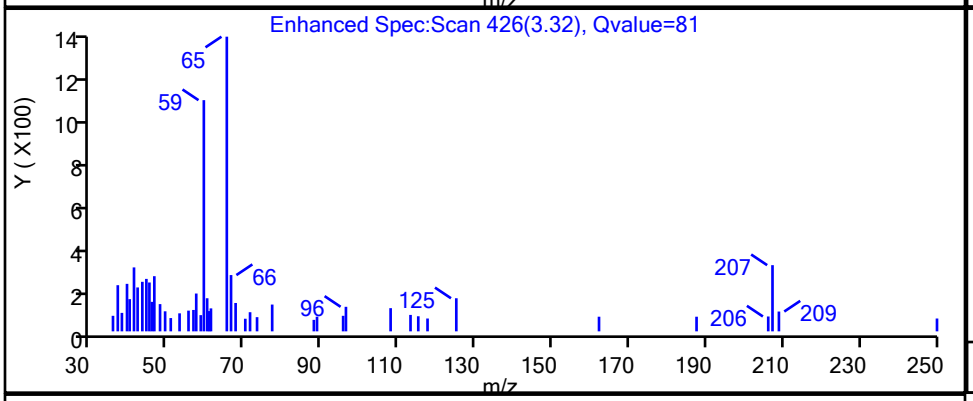
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

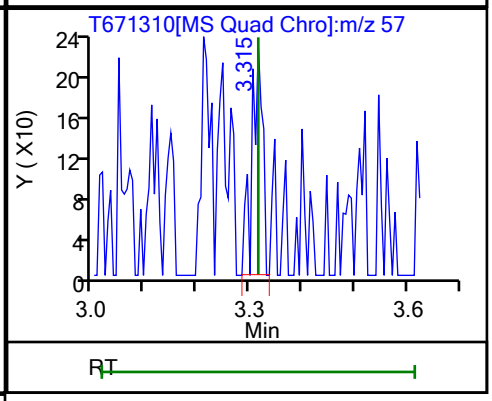
32 2-Methyl-2-propanol, CAS: 75-65-0

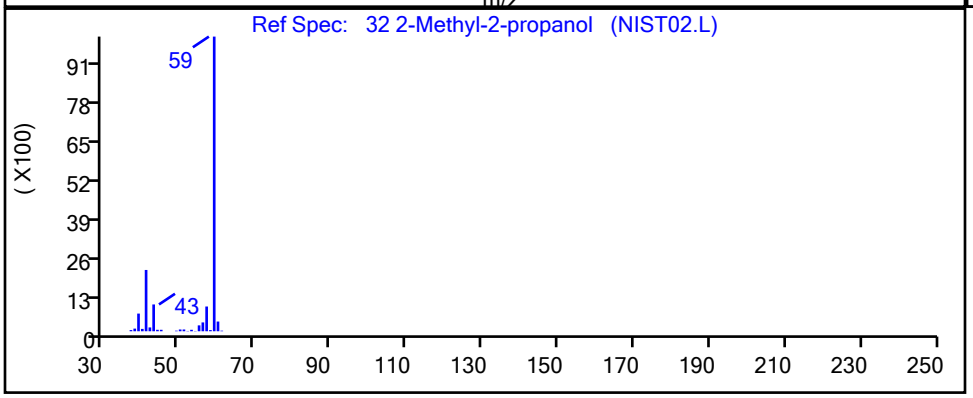
Processing Results











RT	Mass	Response	Amount
3.32	59.00	1868	2.000000
3.32	57.00	330	

Reviewer: W9CM, 27-Oct-2023 13:20:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

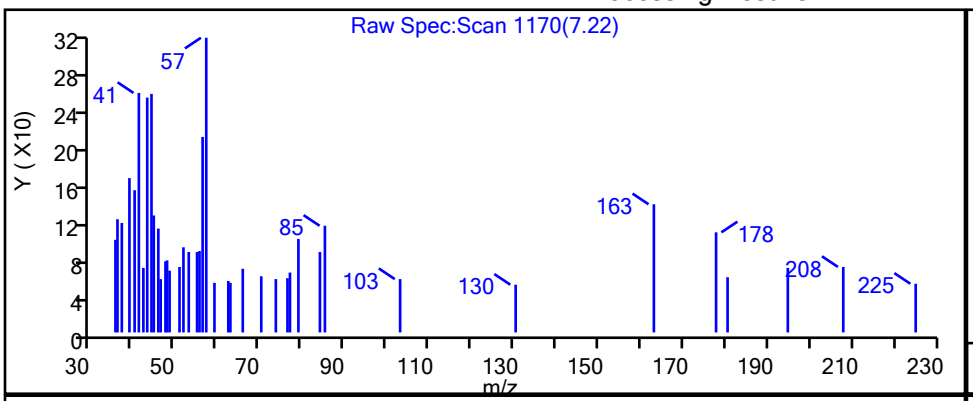
User Disabled Compound Report

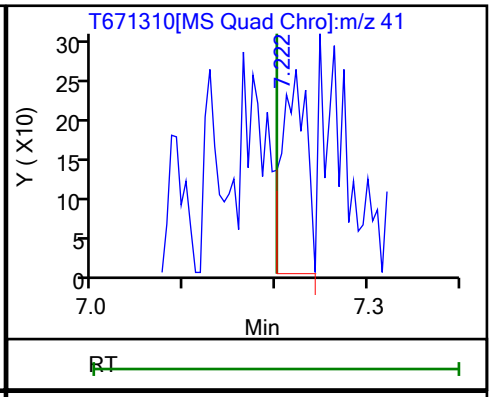
Eurofins Edison

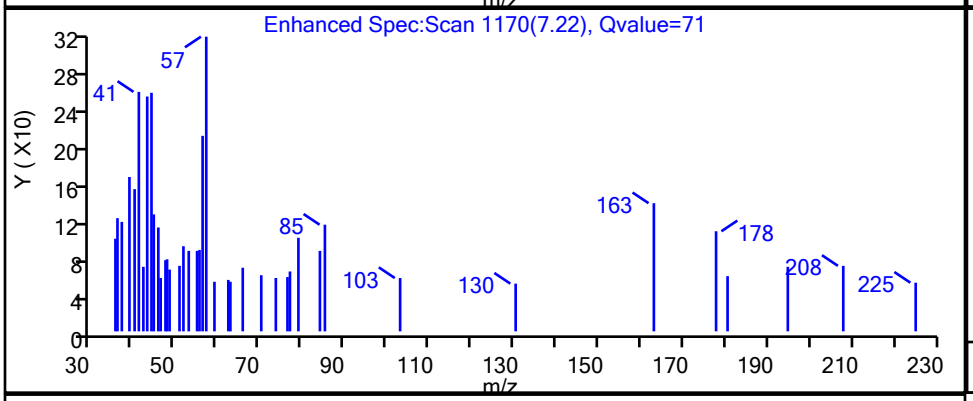
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D				
Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

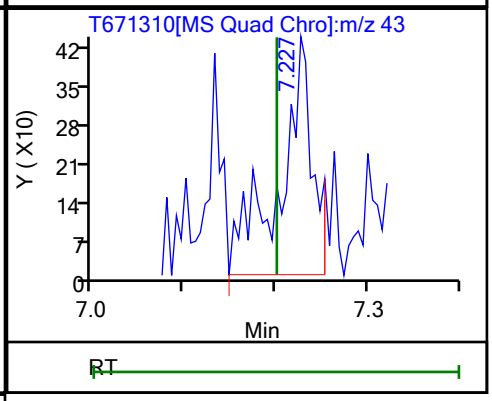
78 2-Nitropropane, CAS: 79-46-9

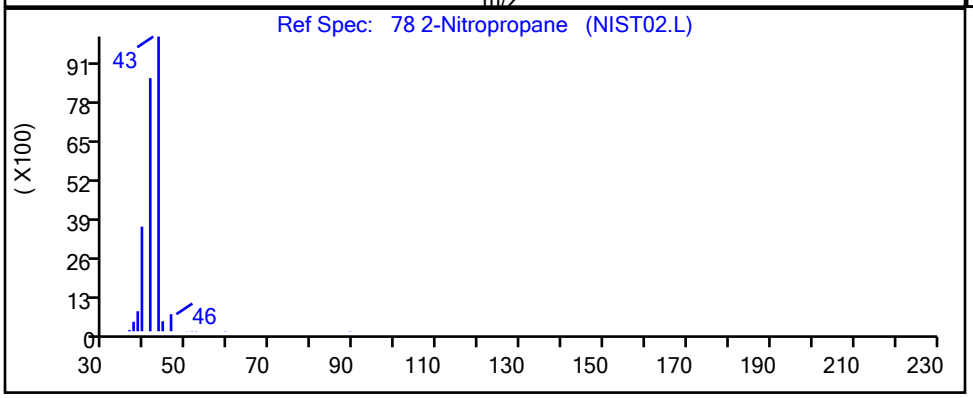
Processing Results











RT	Mass	Response	Amount
7.22	41.00	468	0.912516
7.23	43.00	1081	

Reviewer: W9CM, 27-Oct-2023 13:21:10 -04:00:00 (UTC)

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

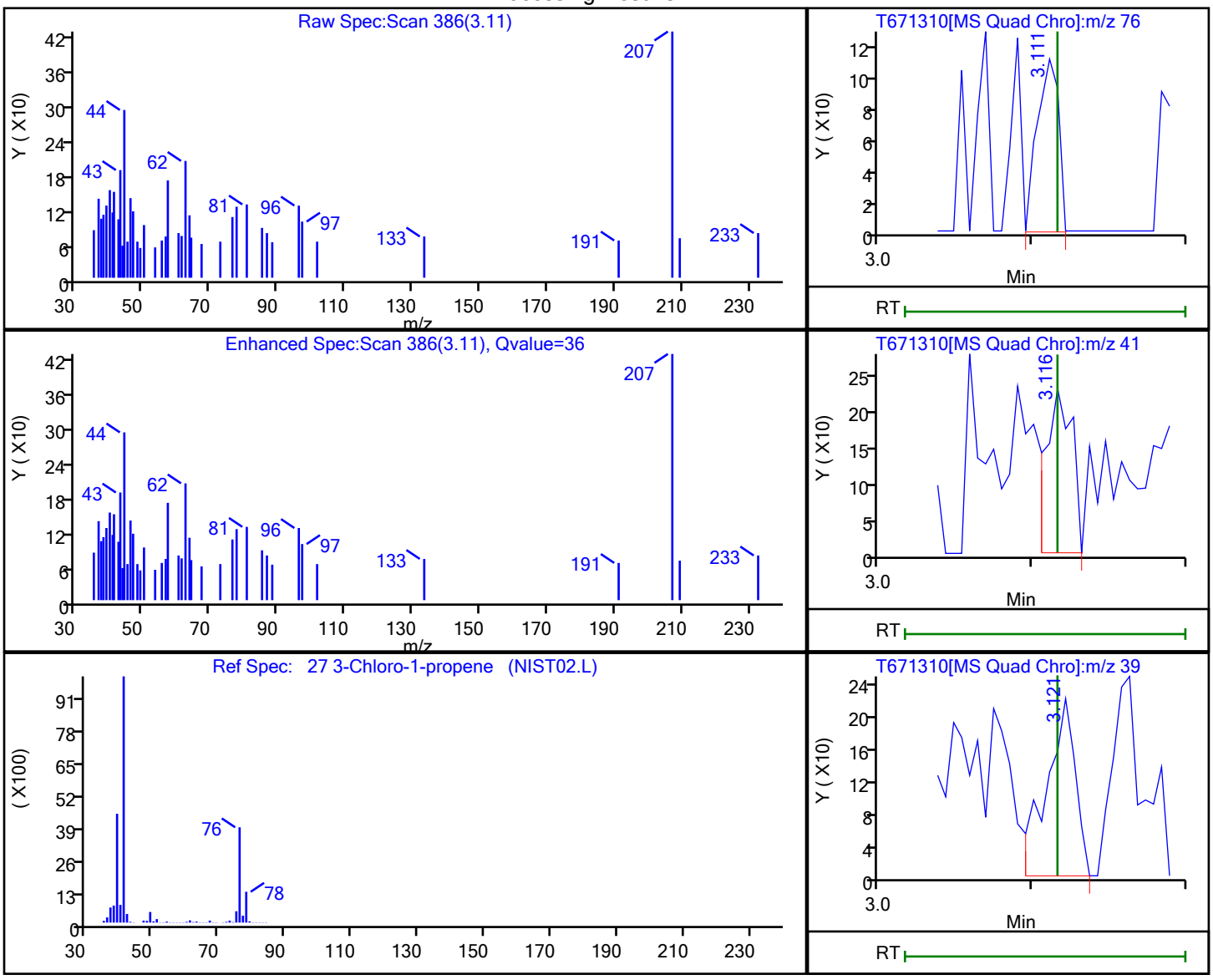
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.11	76.00	103	0.062002
3.12	41.00	273	
3.12	39.00	286	

Reviewer: W9CM, 27-Oct-2023 13:20:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

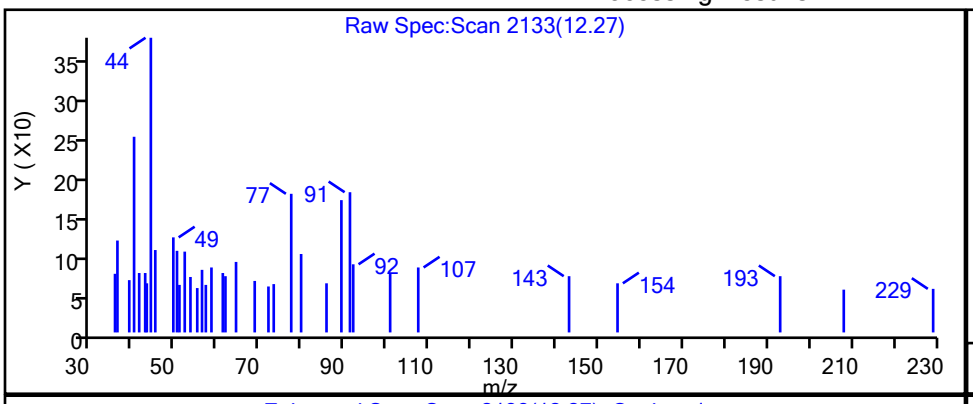
User Disabled Compound Report

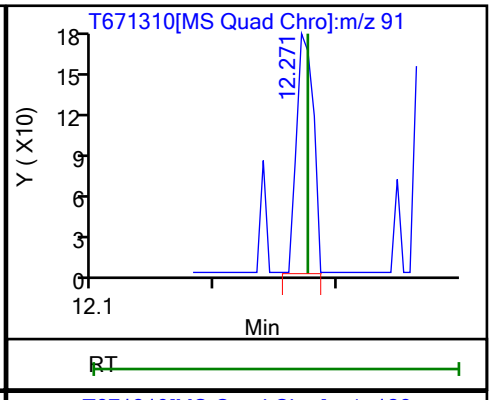
Eurofins Edison

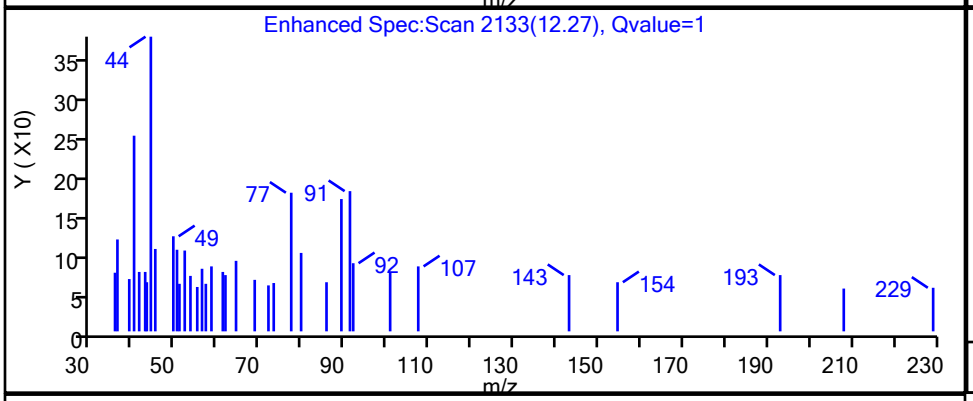
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

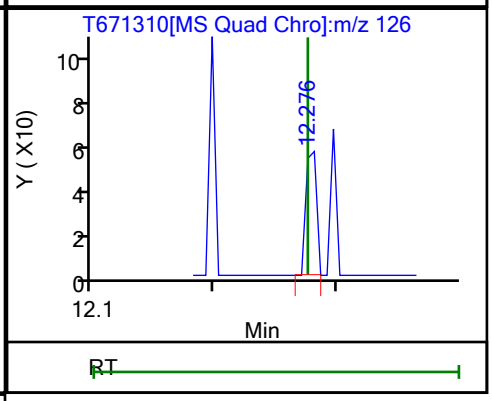
113 4-Chlorotoluene, CAS: 106-43-4

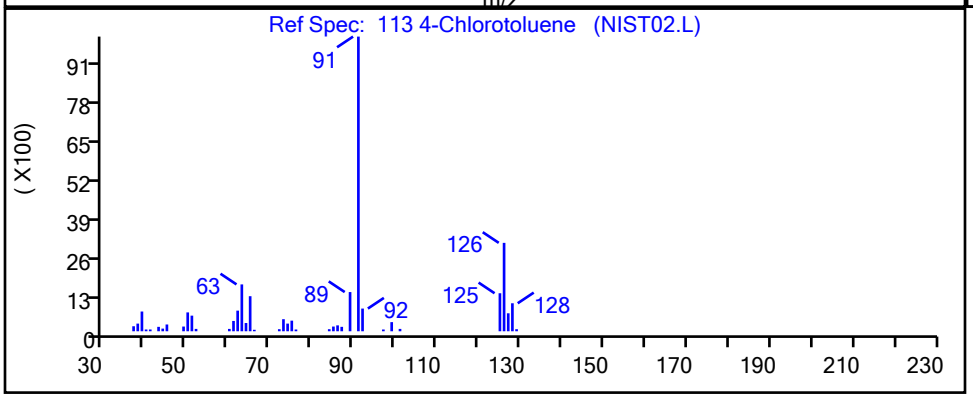
Processing Results











RT	Mass	Response	Amount
12.27	91.00	170	0.013846
12.28	126.00	34	

Reviewer: W9CM, 27-Oct-2023 13:21:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

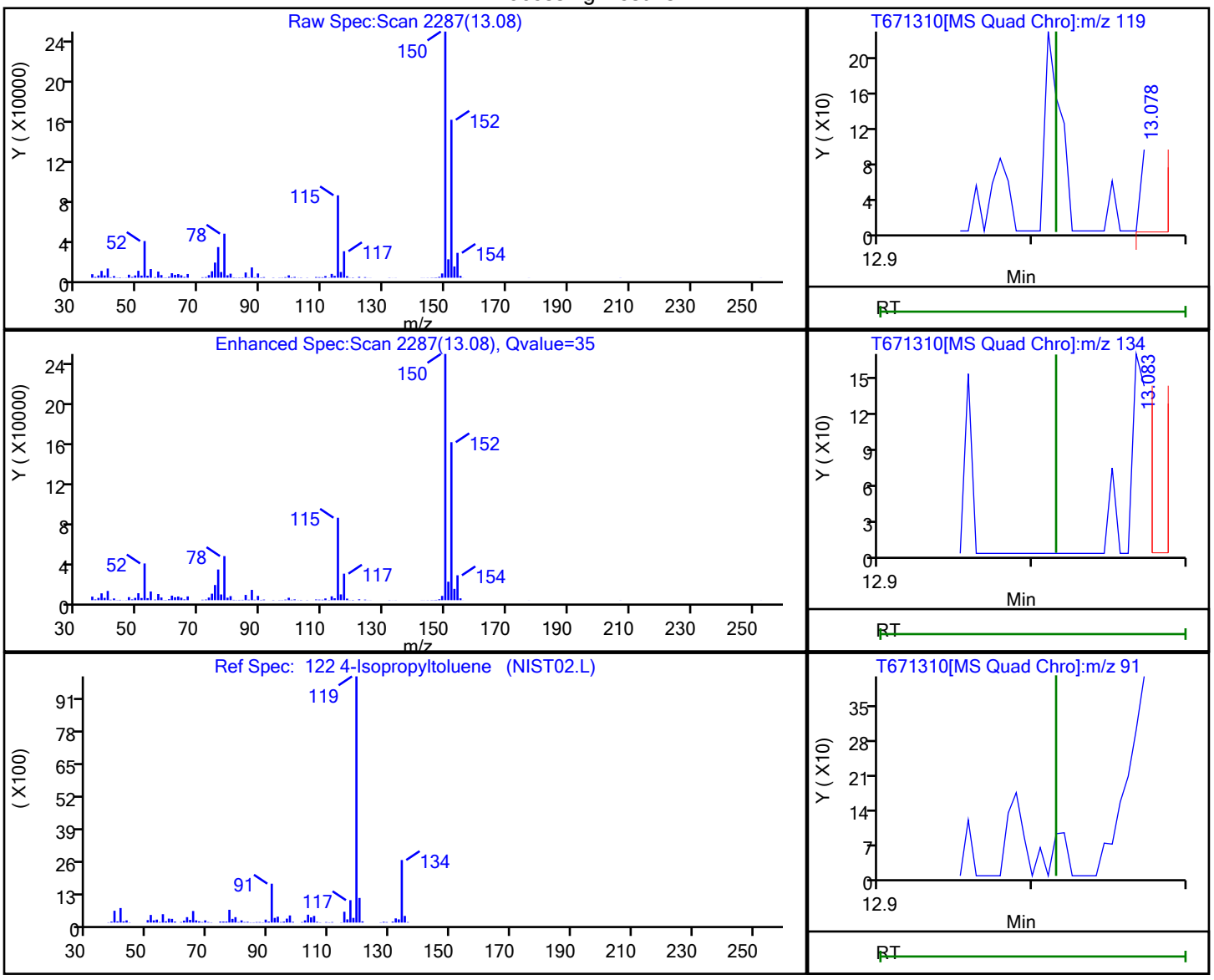
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.08	119.00	92	0.007244
13.08	134.00	69	
13.08	91.00	761	

Reviewer: W9CM, 27-Oct-2023 13:21:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

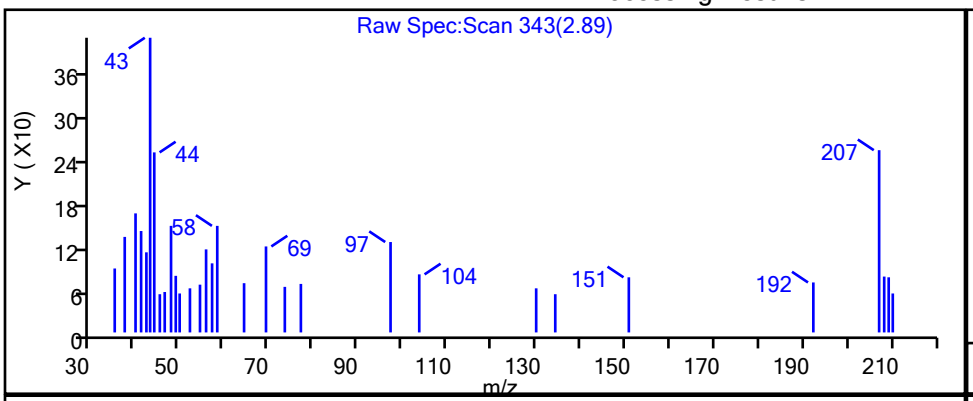
User Disabled Compound Report

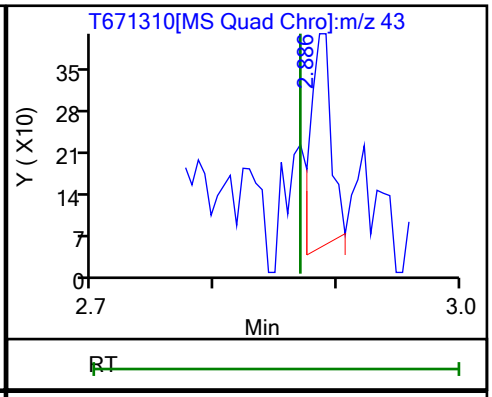
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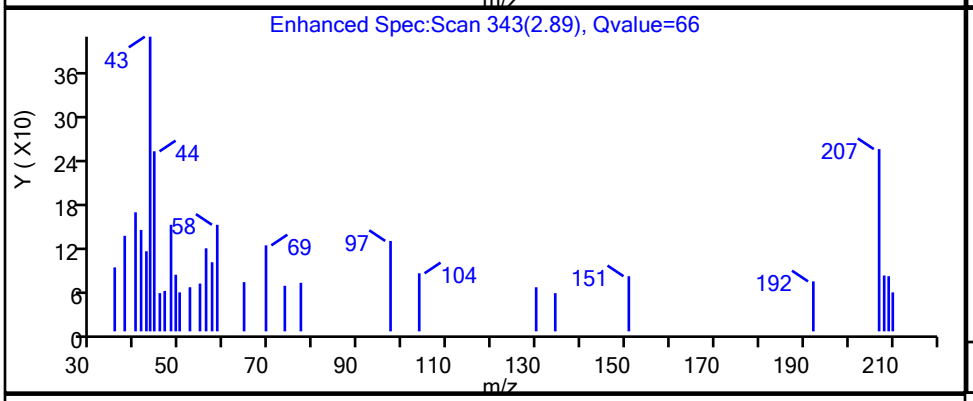
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

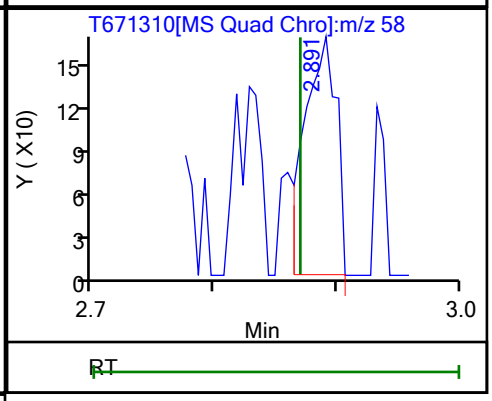
22 Acetone, CAS: 67-64-1

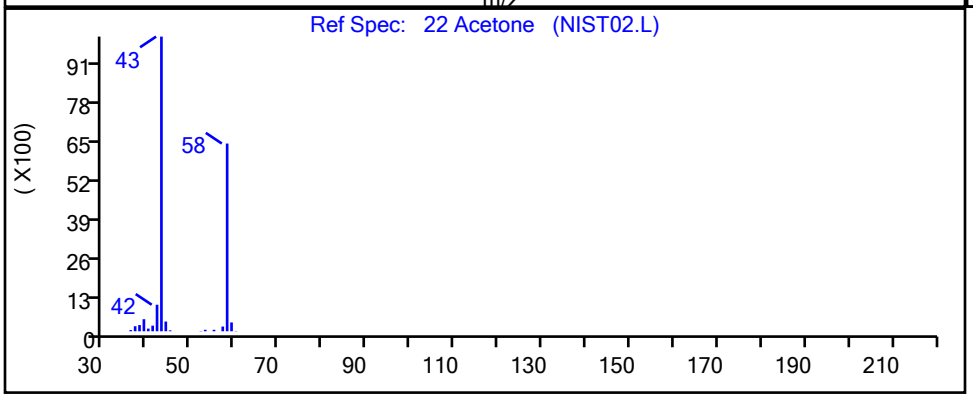
Processing Results











RT	Mass	Response	Amount
2.89	43.00	418	0.337513
2.89	58.00	305	

Reviewer: W9CM, 27-Oct-2023 13:19:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

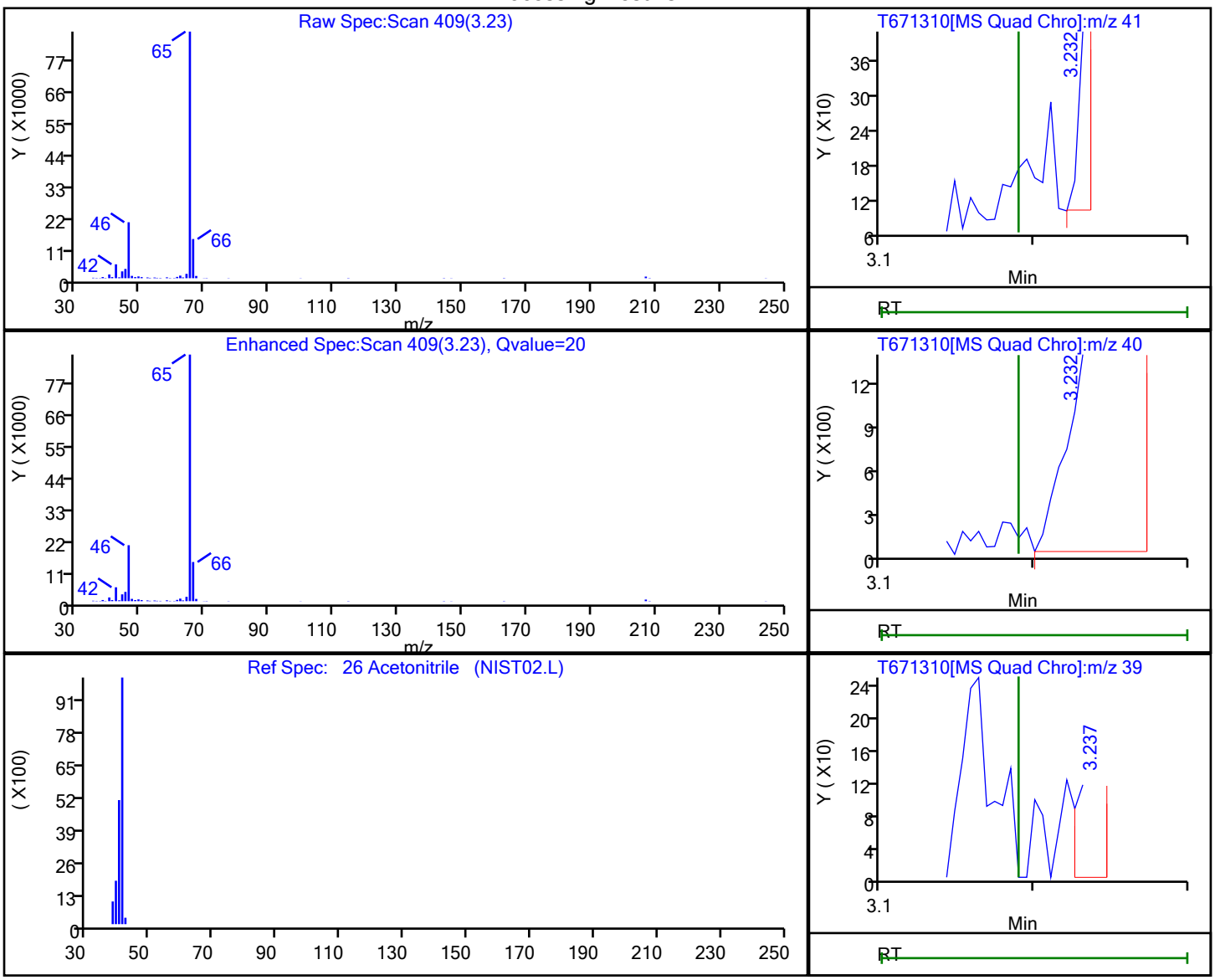
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.23	41.00	129	0.229775
3.23	40.00	2460	
3.24	39.00	161	
3.23	38.00	493	

Reviewer: W9CM, 27-Oct-2023 13:20:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

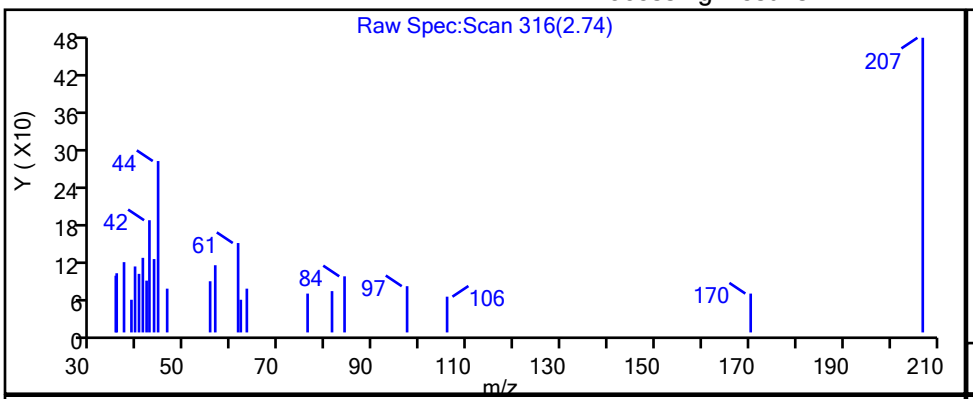
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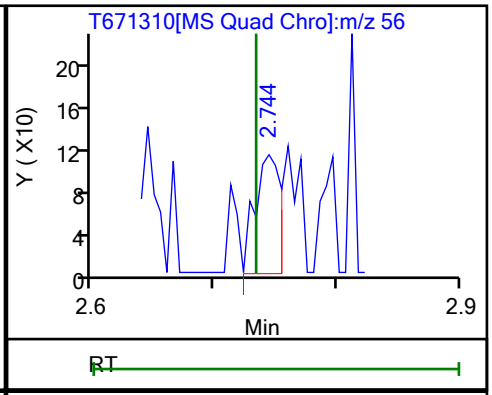
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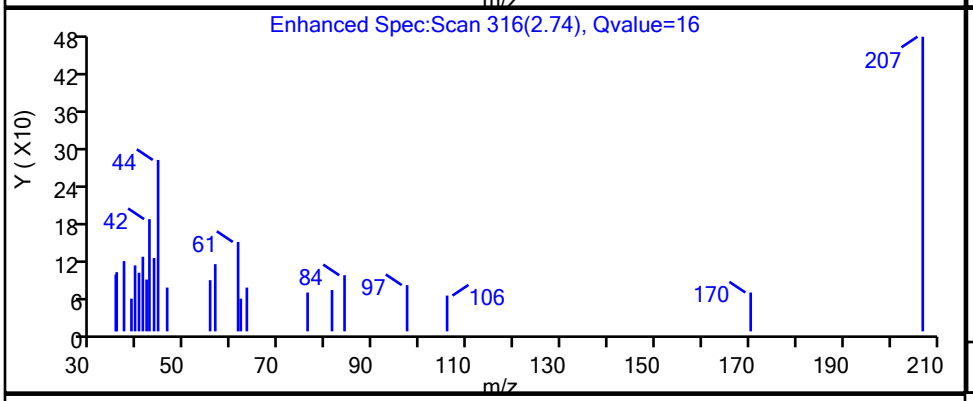
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

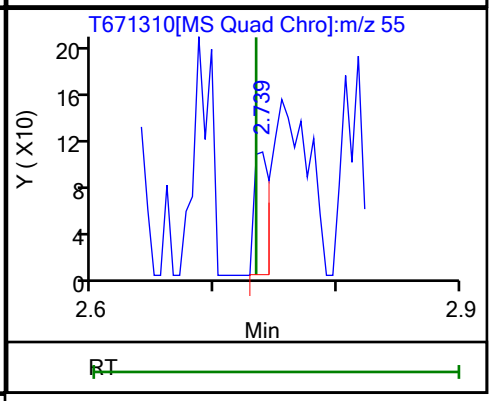
19 Acrolein, CAS: 107-02-8

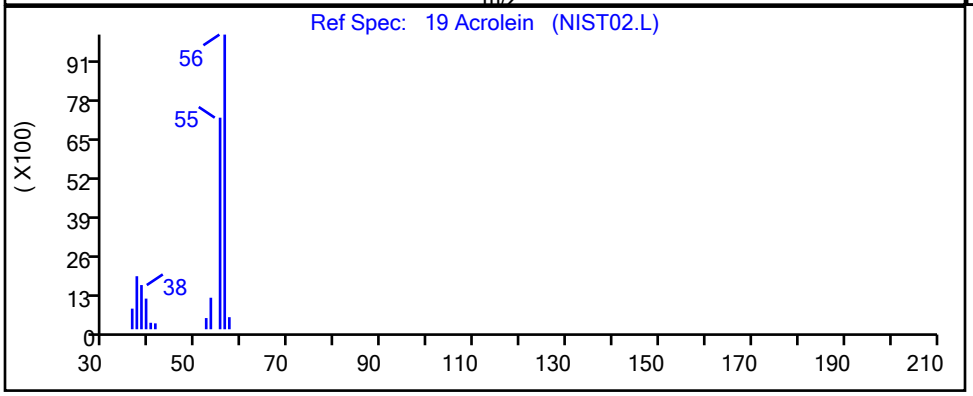
Processing Results











RT	Mass	Response	Amount
2.74	56.00	158	0.160660
2.74	55.00	93	

Reviewer: W9CM, 27-Oct-2023 13:19:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

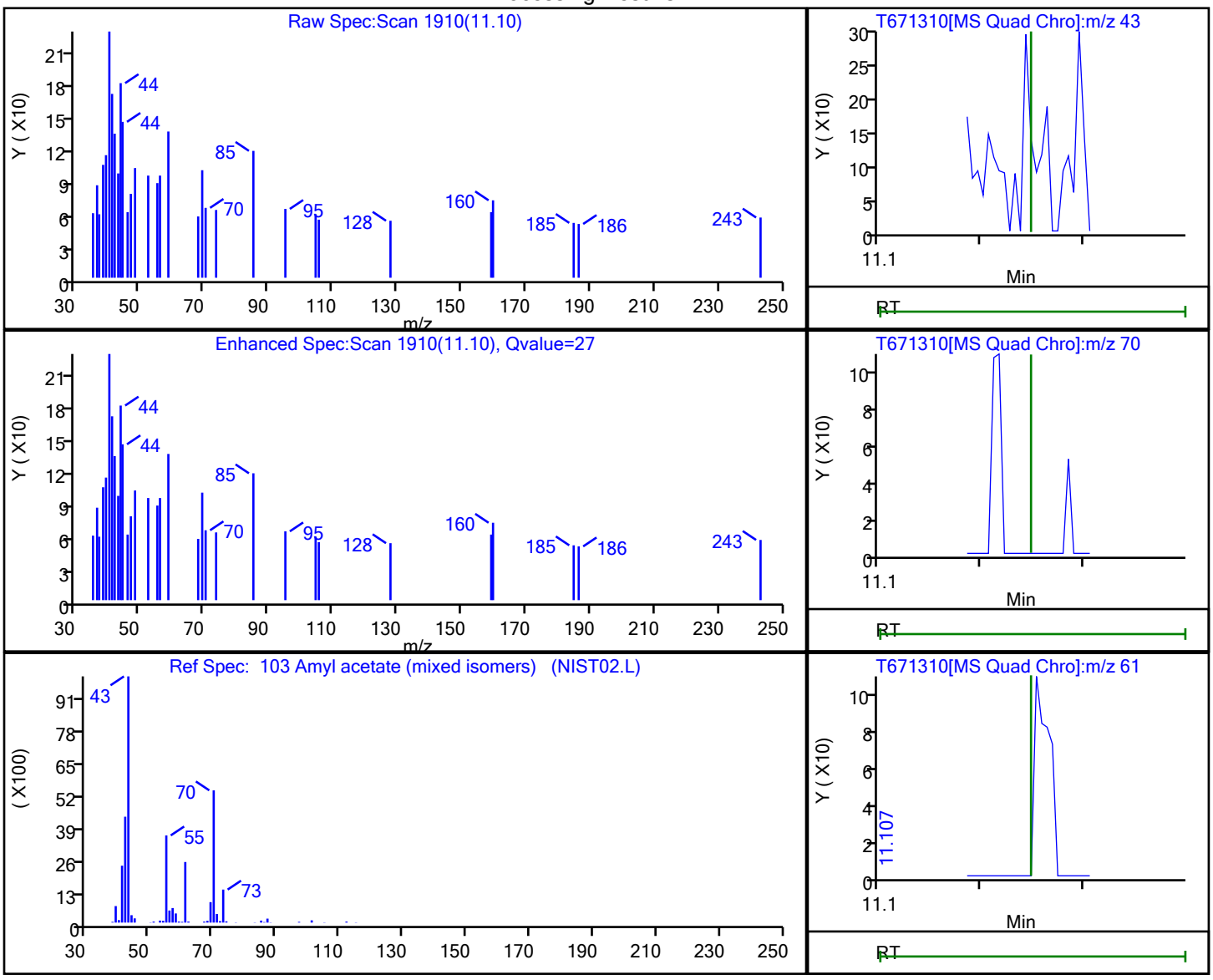
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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

Processing Results



RT	Mass	Response	Amount
11.10	43.00	221	0.478752
11.11	70.00	41	
11.11	61.00	46	

Reviewer: W9CM, 27-Oct-2023 13:21:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

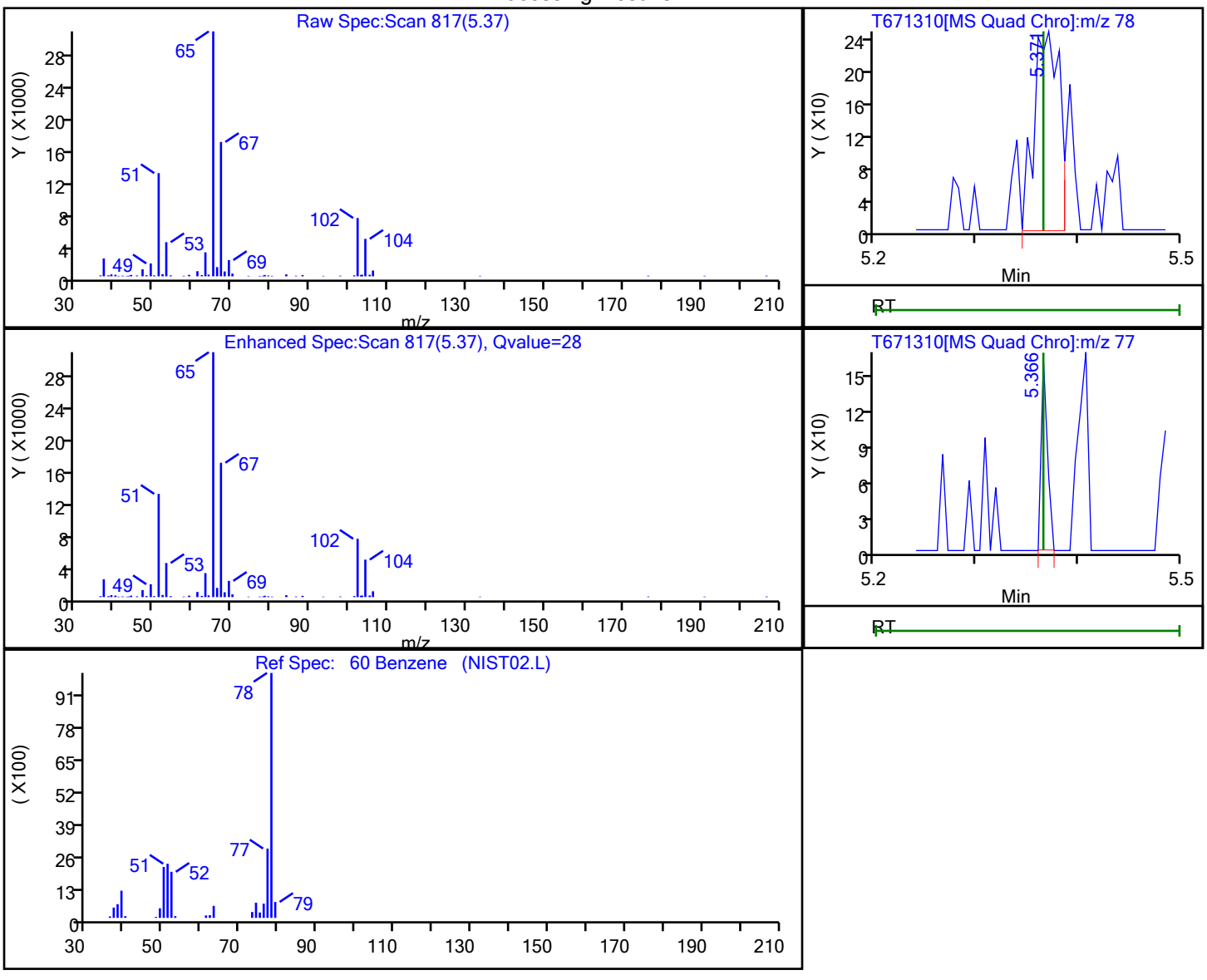
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
5.37	78.00	436	0.031508
5.37	77.00	70	

Reviewer: W9CM, 27-Oct-2023 13:20:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

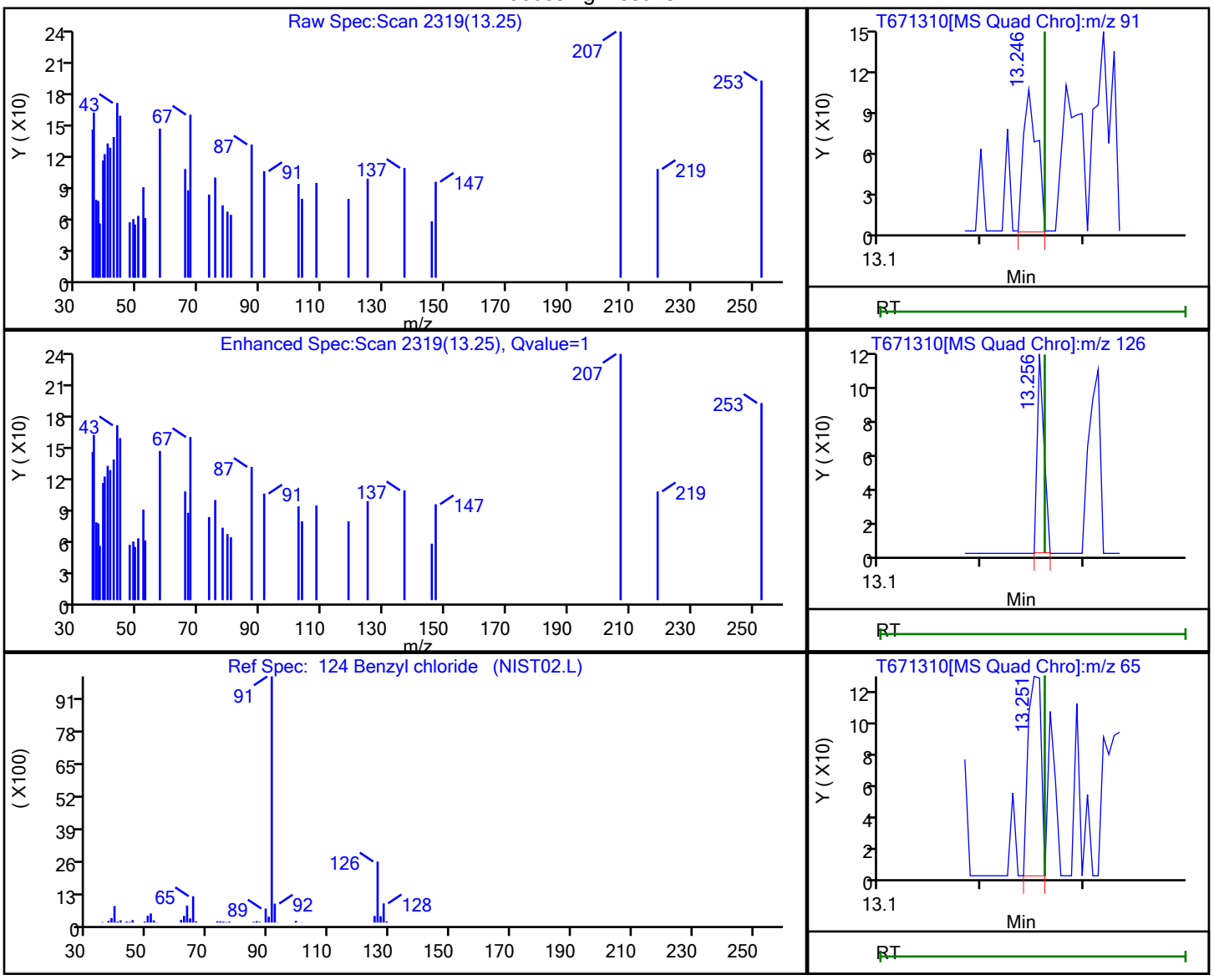
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.25	91.00	93	0.014110
13.26	126.00	53	
13.25	65.00	110	

Reviewer: W9CM, 27-Oct-2023 13:21:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

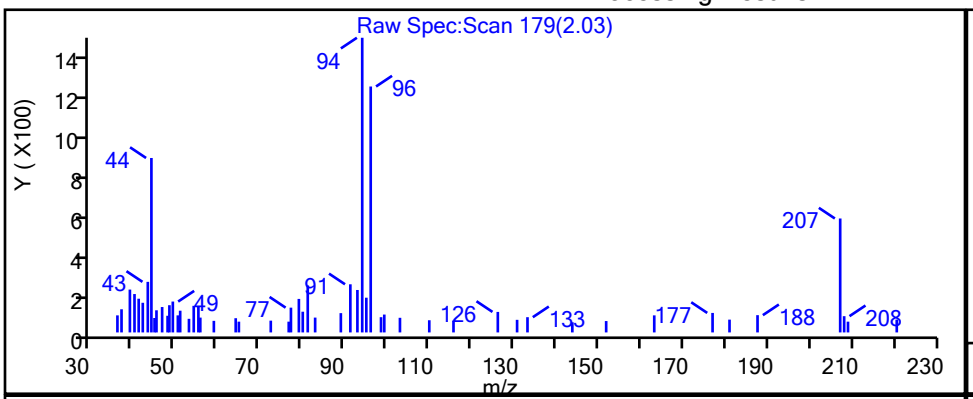
User Disabled Compound Report

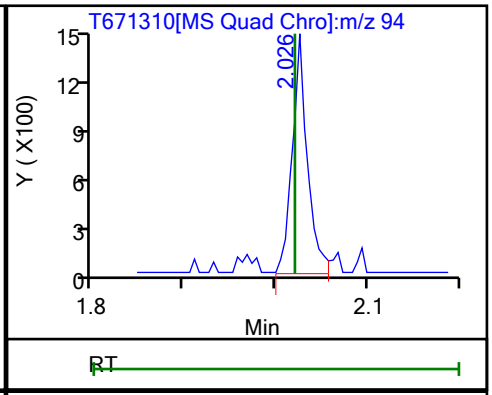
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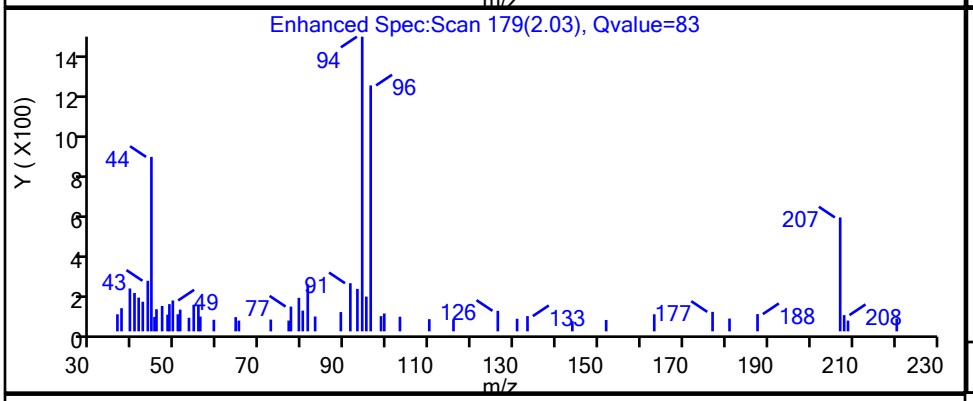
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

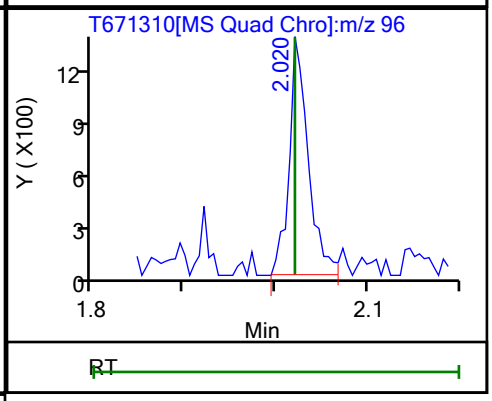
9 Bromomethane, CAS: 74-83-9

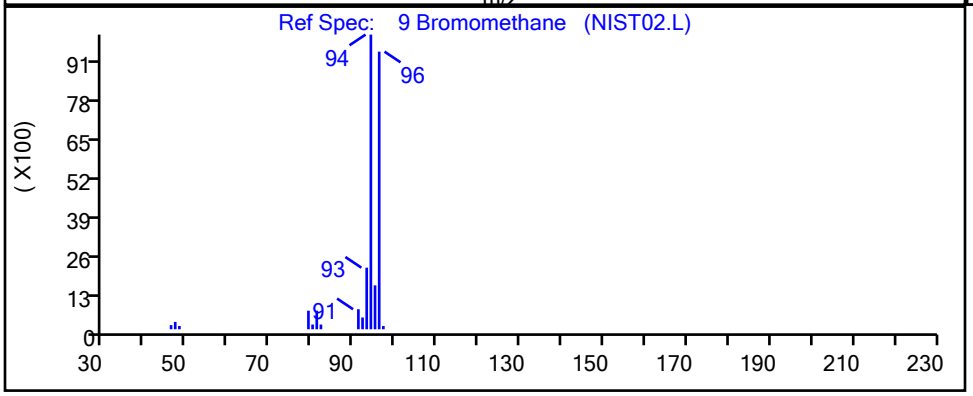
Processing Results











RT	Mass	Response	Amount
2.03	94.00	1655	0.299806
2.02	96.00	2018	

Reviewer: W9CM, 27-Oct-2023 13:19:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

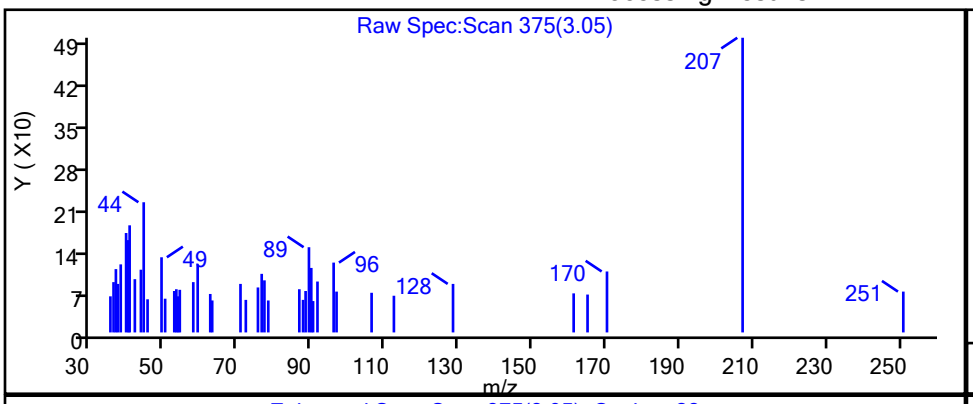
User Disabled Compound Report

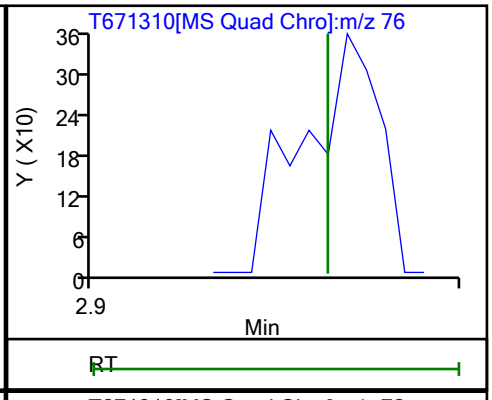
Eurofins Edison

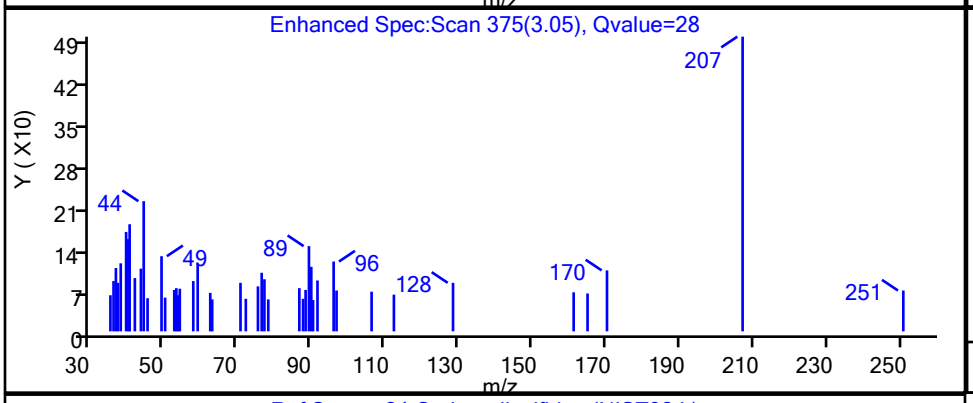
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

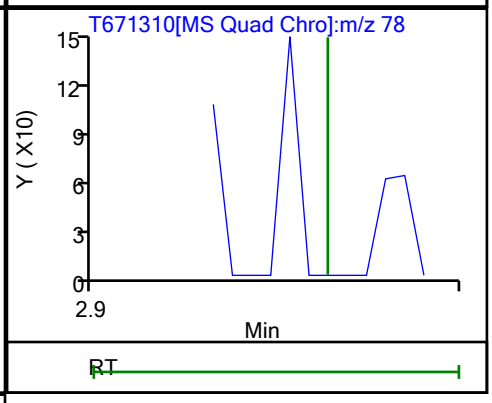
24 Carbon disulfide, CAS: 75-15-0

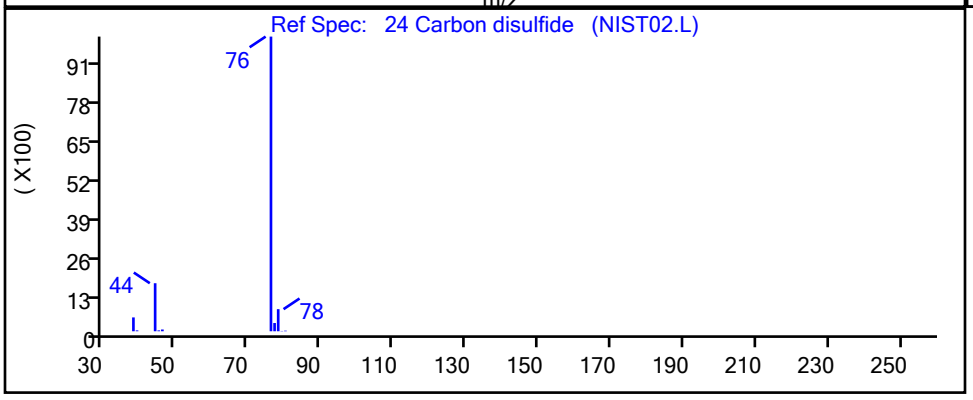
Processing Results











RT	Mass	Response	Amount
3.05	76.00	31	0.004199
3.06	78.00	34	

Reviewer: W9CM, 27-Oct-2023 13:20:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

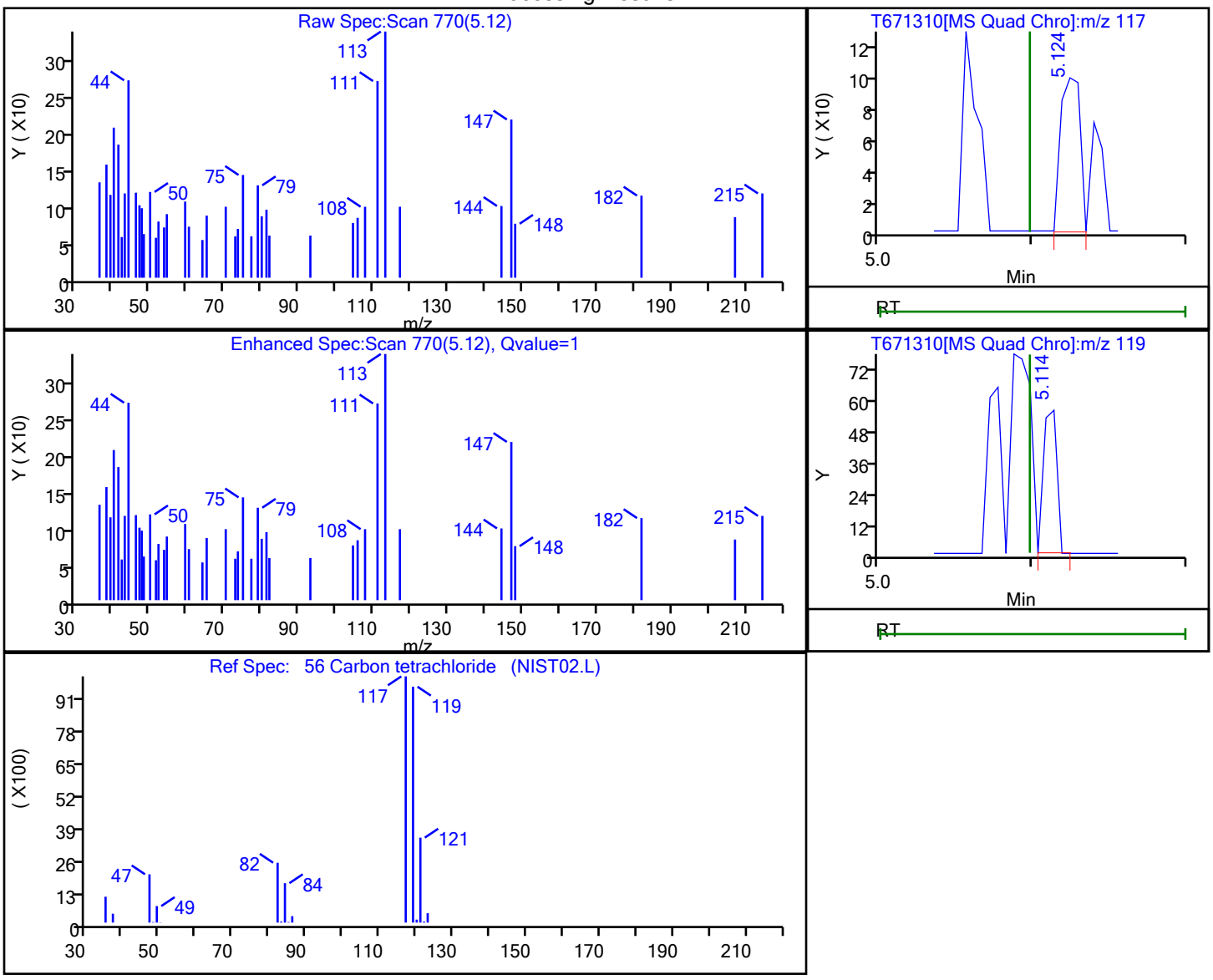
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
5.12	117.00	85	0.015481
5.11	119.00	34	

Reviewer: W9CM, 27-Oct-2023 13:20:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

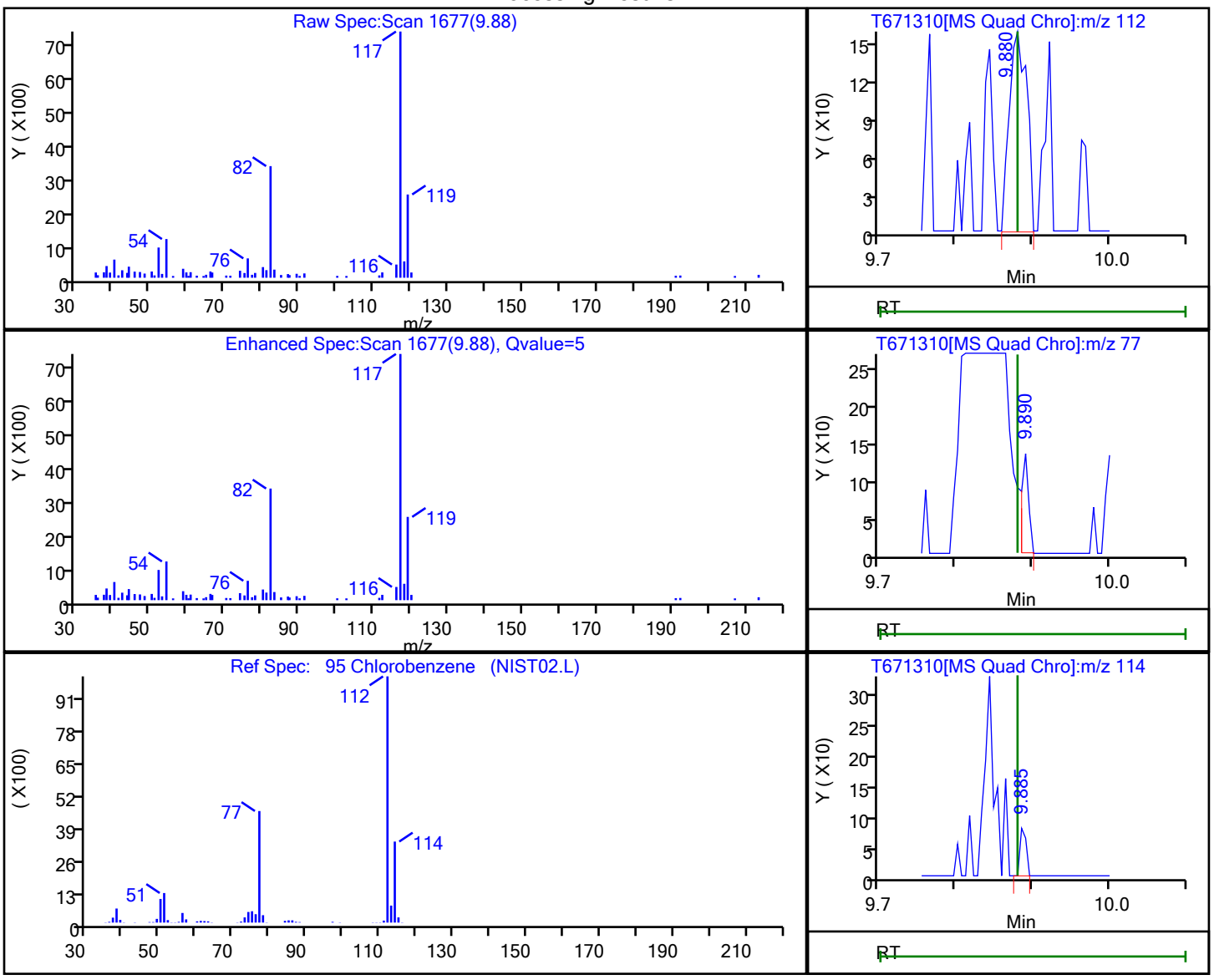
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.88	112.00	252	0.016002
9.89	77.00	84	
9.89	114.00	44	

Reviewer: W9CM, 27-Oct-2023 13:21:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

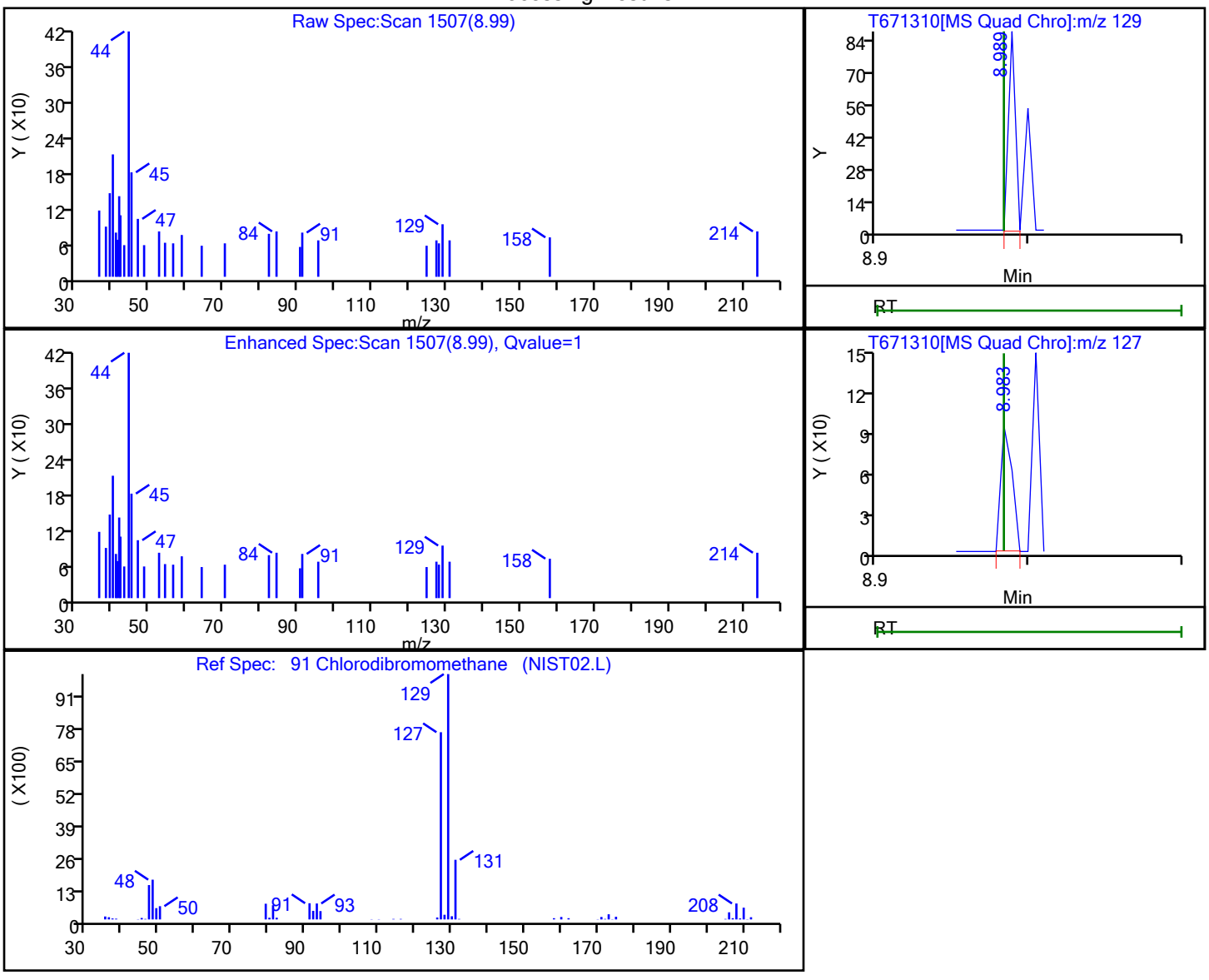
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
8.99	129.00	28	0.008531
8.98	127.00	49	

Reviewer: W9CM, 27-Oct-2023 13:21:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

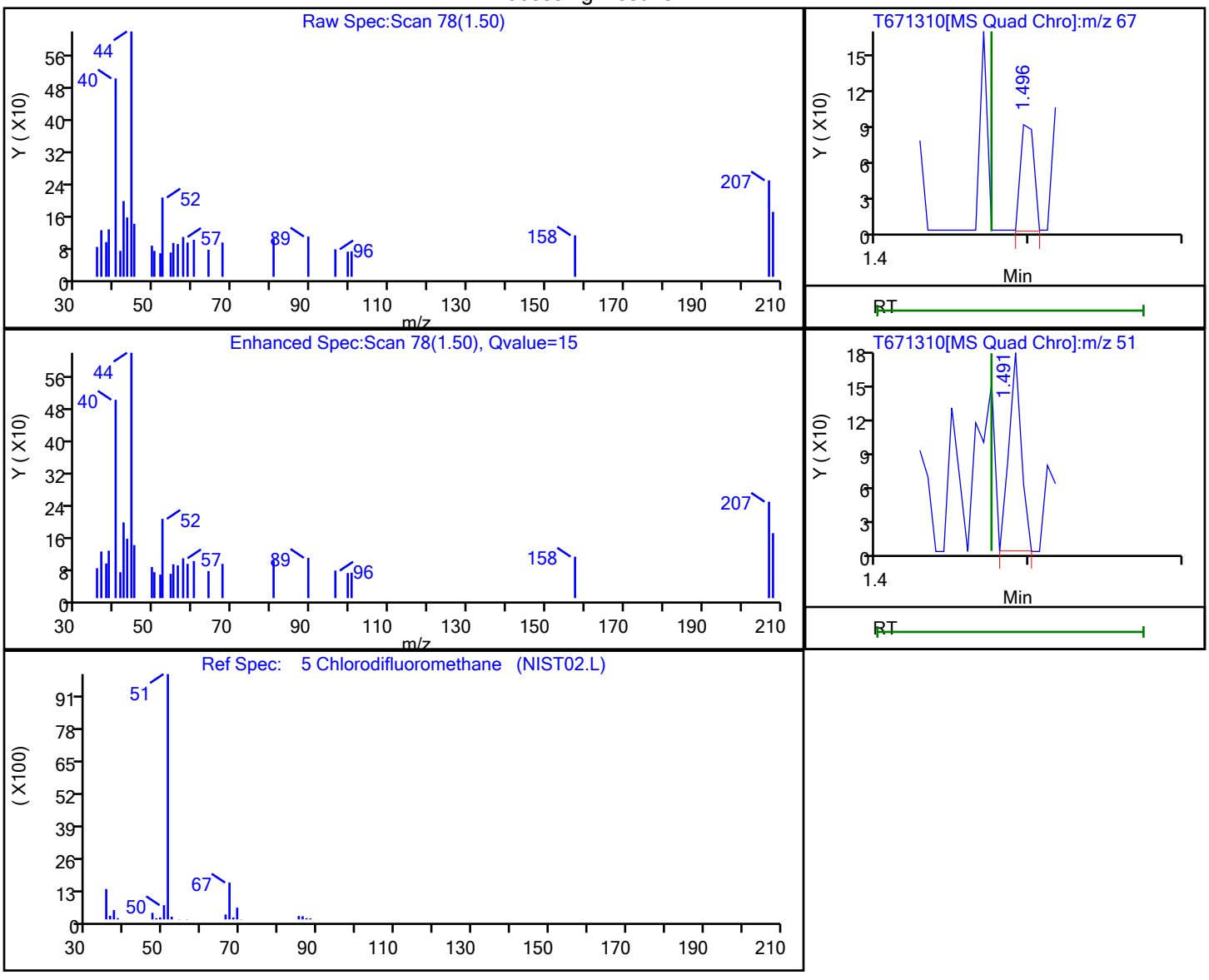
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.50	67.00	53	0.066985
1.49	51.00	97	

Reviewer: W9CM, 27-Oct-2023 13:19:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

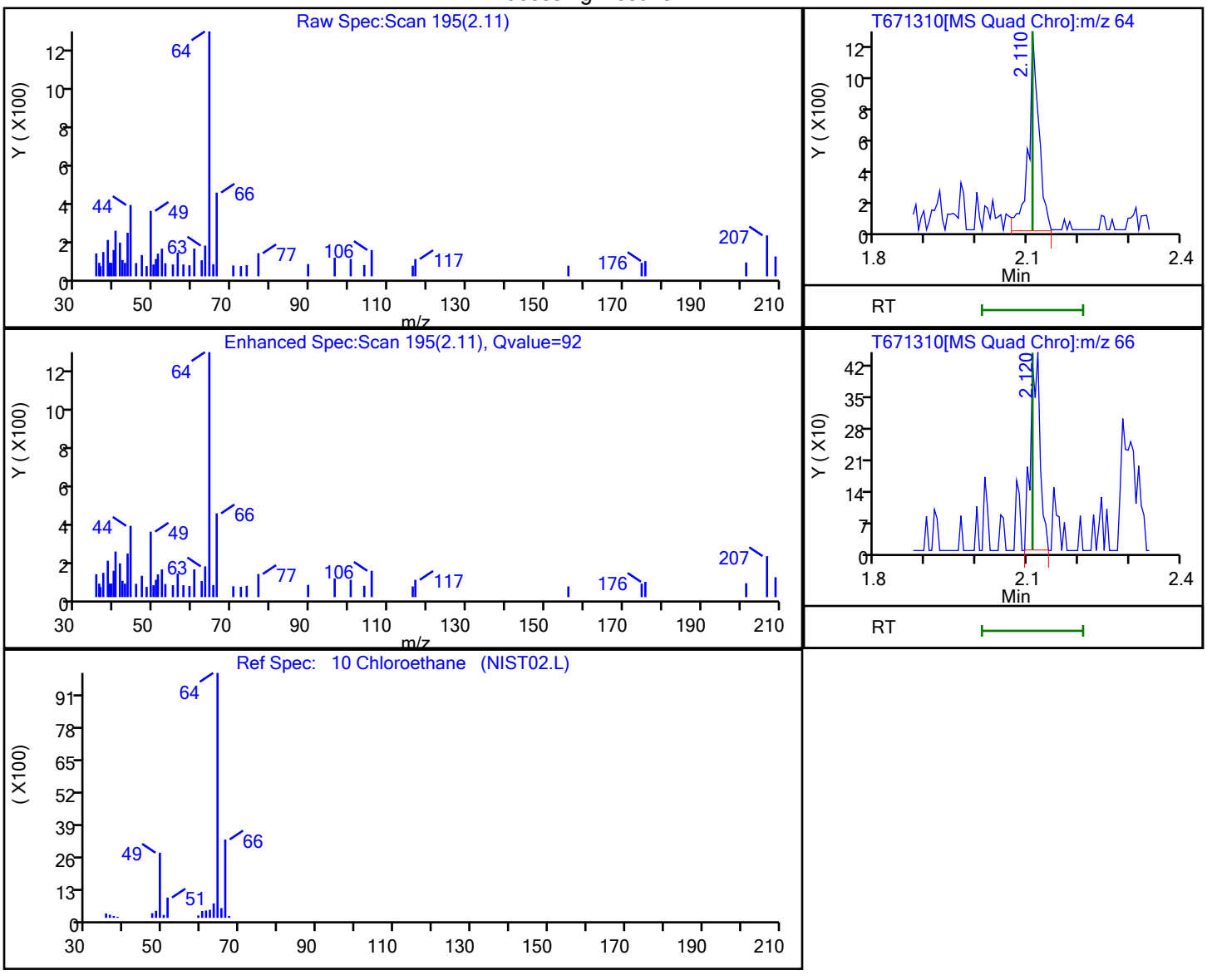
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.11	64.00	1706	0.855799
2.12	66.00	582	

Reviewer: W9CM, 27-Oct-2023 13:19:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

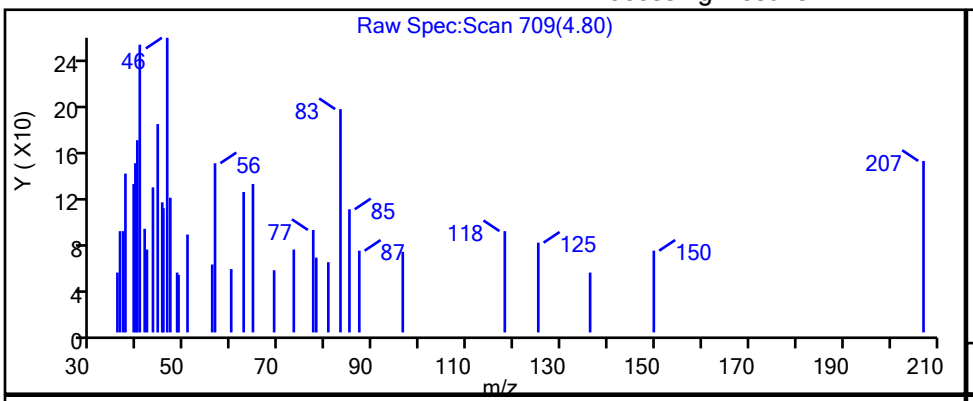
User Disabled Compound Report

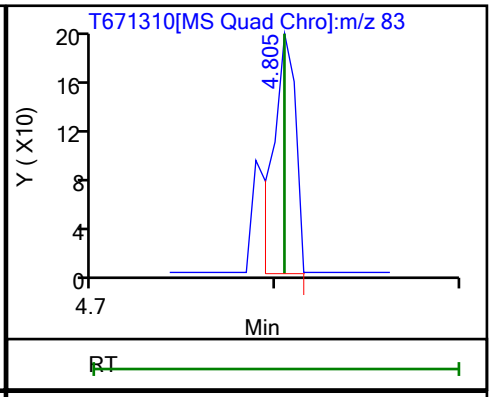
Eurofins Edison

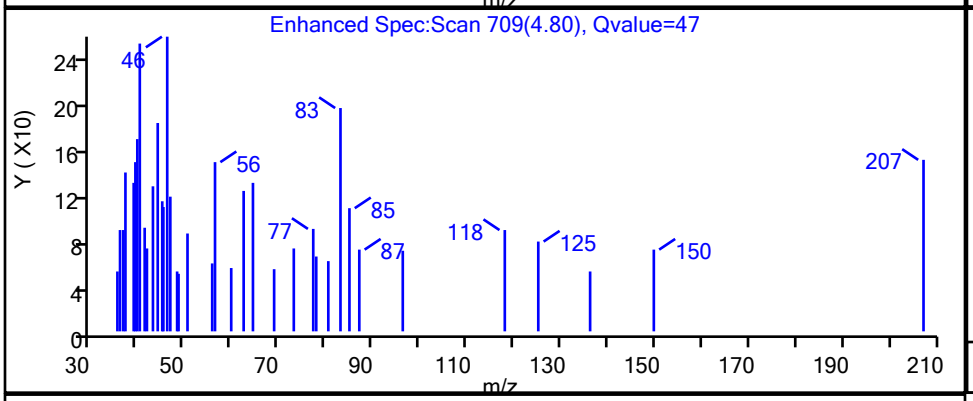
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

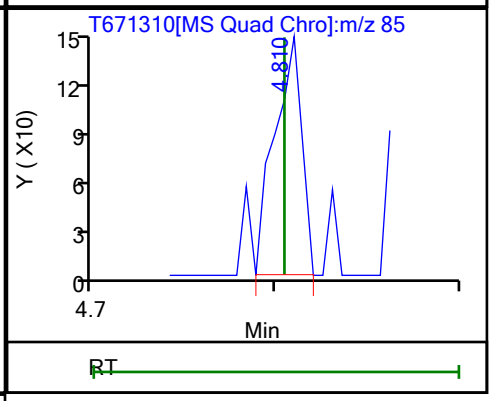
52 Chloroform, CAS: 67-66-3

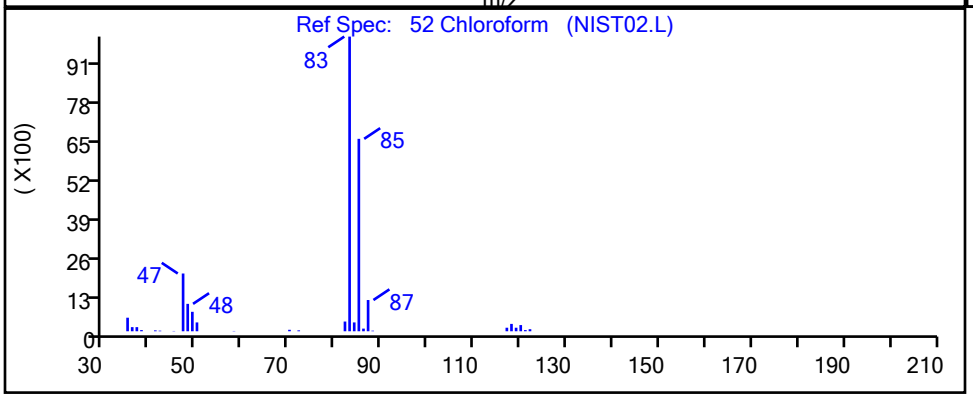
Processing Results











RT	Mass	Response	Amount
4.80	83.00	166	0.023301
4.81	85.00	150	

Reviewer: W9CM, 27-Oct-2023 13:20:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

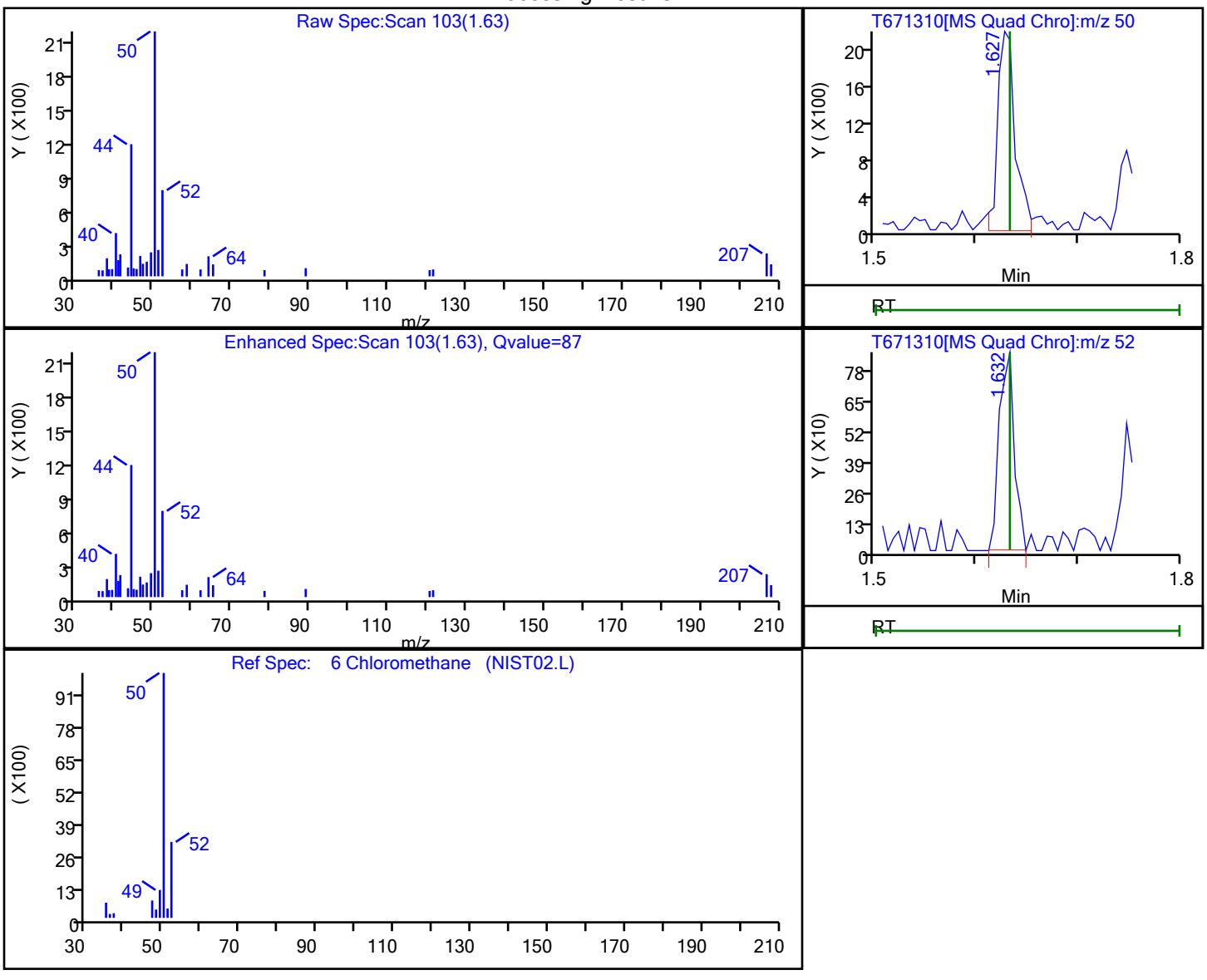
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.63	50.00	2515	0.250000
1.63	52.00	889	

Reviewer: W9CM, 27-Oct-2023 13:19:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

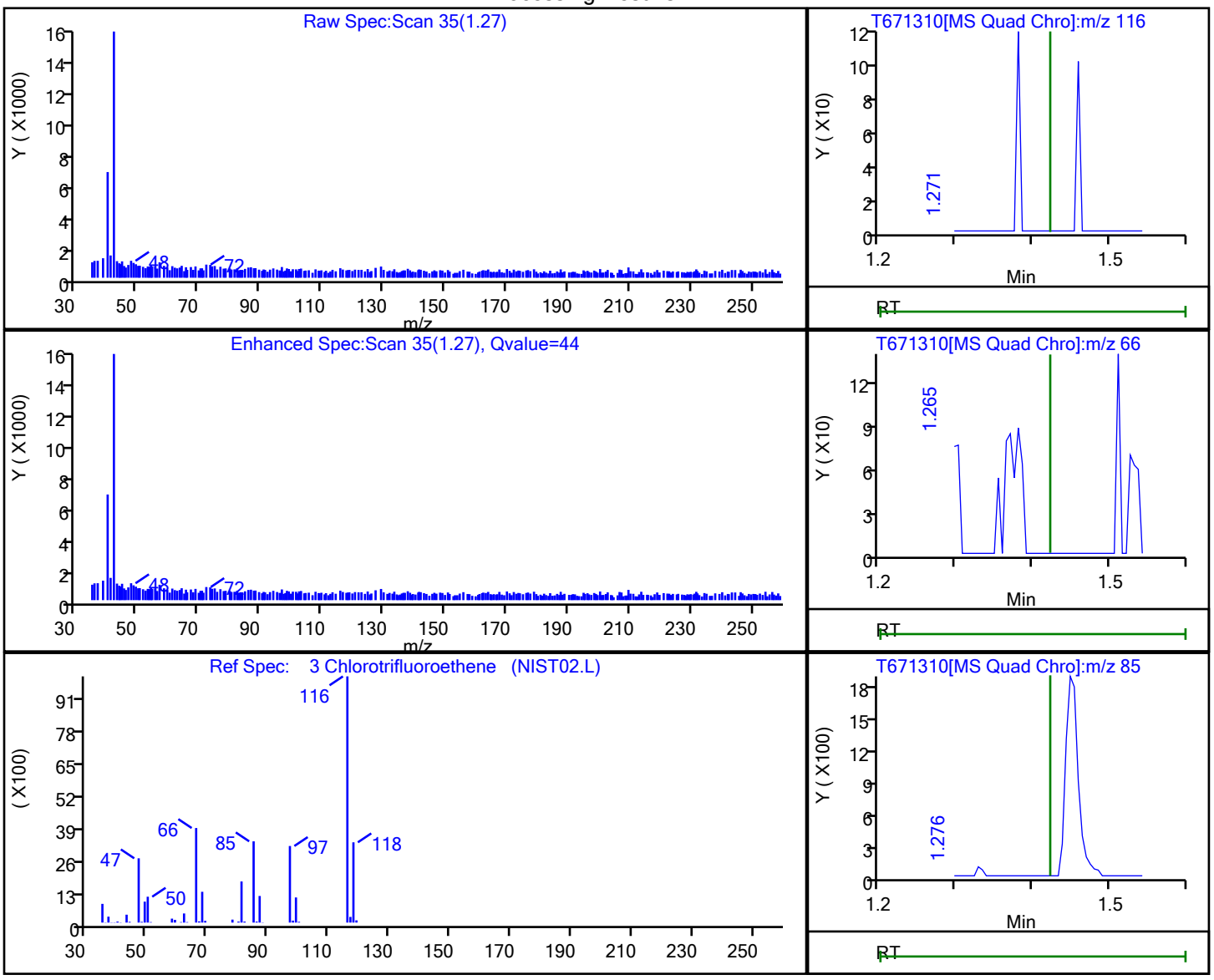
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.27	116.00	908	0.719311
1.27	66.00	766	
1.28	85.00	552	
1.27	118.00	582	

Reviewer: W9CM, 27-Oct-2023 13:19:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

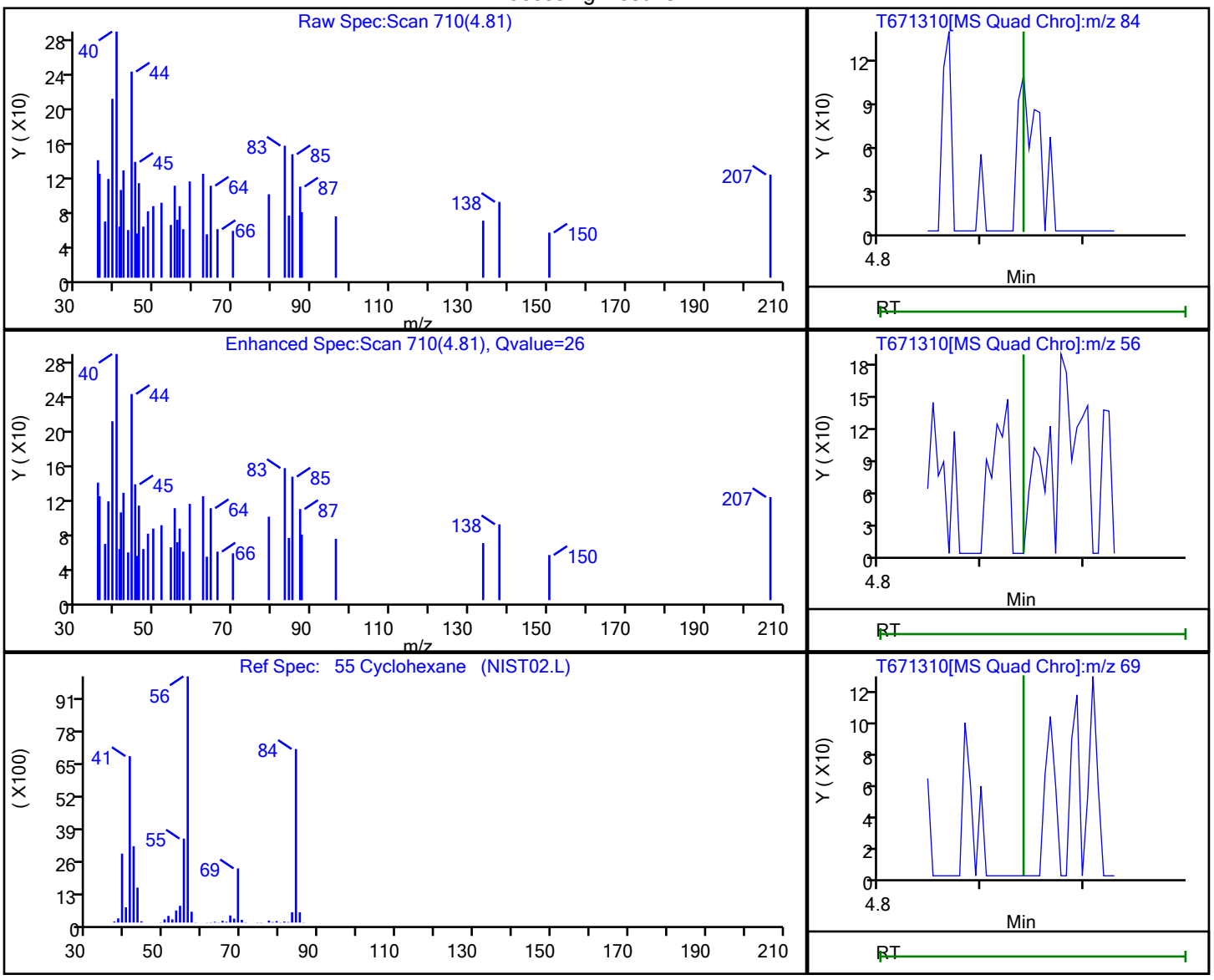
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

55 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.81	84.00	65	0.014222
4.80	56.00	73	
4.80	69.00	17	

Reviewer: W9CM, 27-Oct-2023 13:20:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

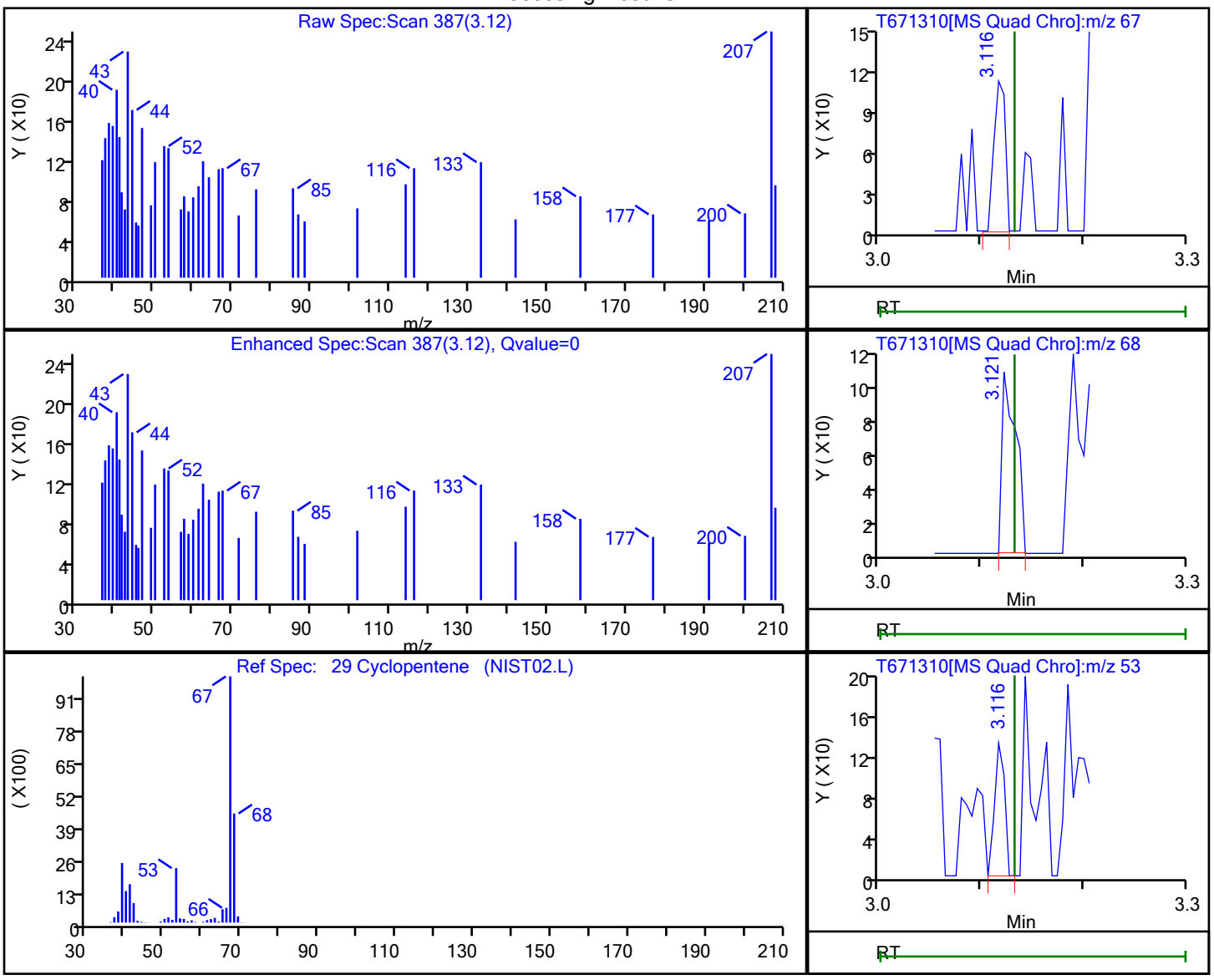
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.12	67.00	84	0.015549
3.12	68.00	97	
3.12	53.00	88	

Reviewer: W9CM, 27-Oct-2023 13:20:08 -04:00:00 (UTC)
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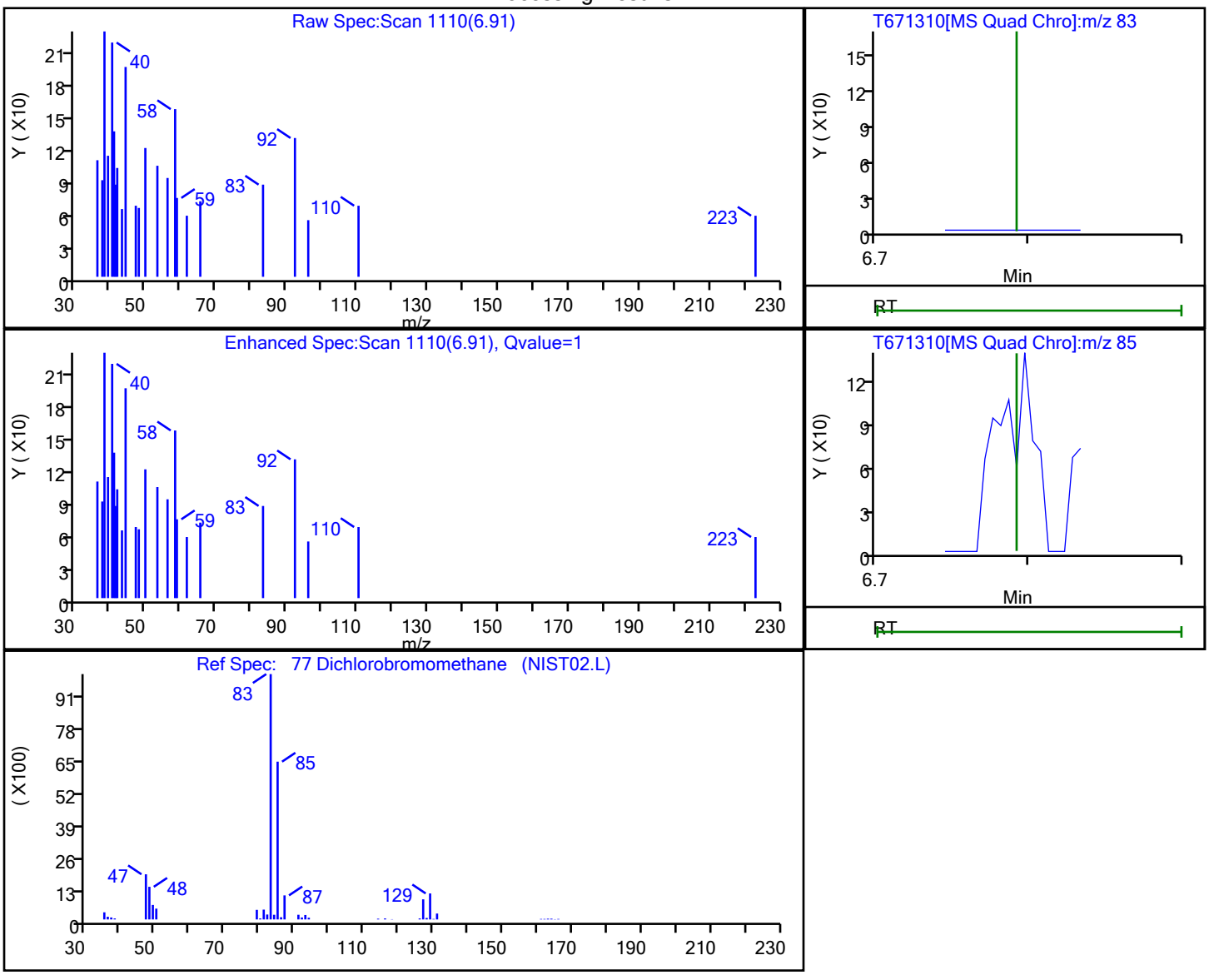
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
6.91	83.00	43	0.024873
6.91	85.00	48	

Reviewer: W9CM, 27-Oct-2023 13:21:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

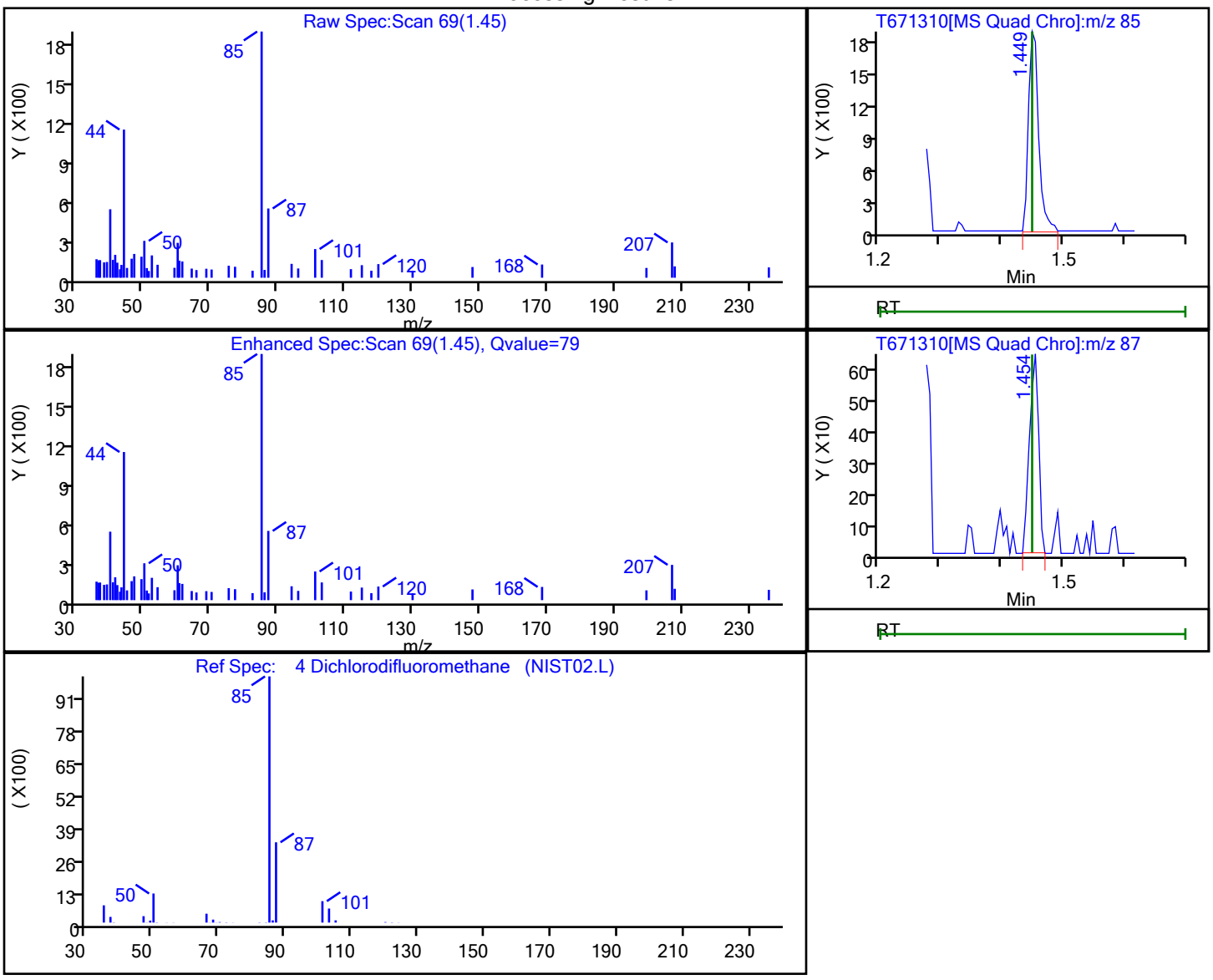
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
1.45	85.00	2159	0.250000
1.45	87.00	670	

Reviewer: W9CM, 27-Oct-2023 13:19:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

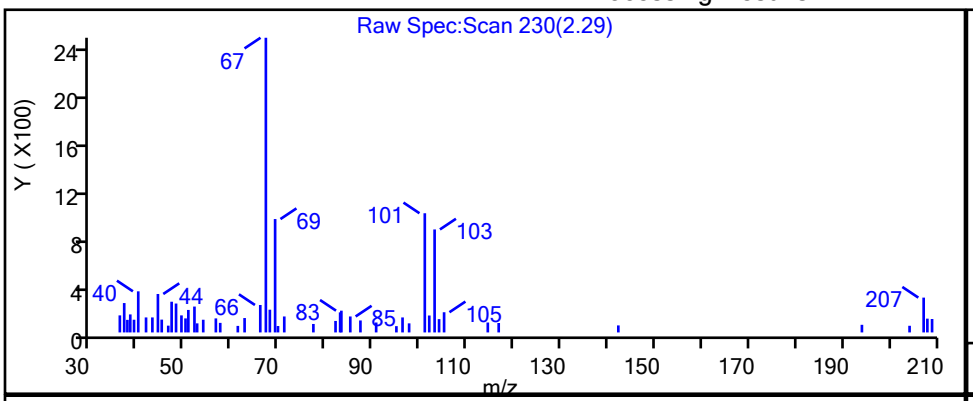
User Disabled Compound Report

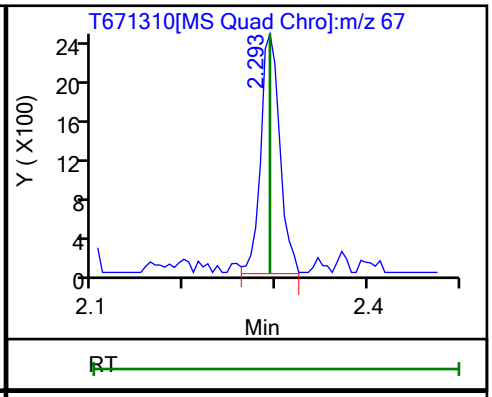
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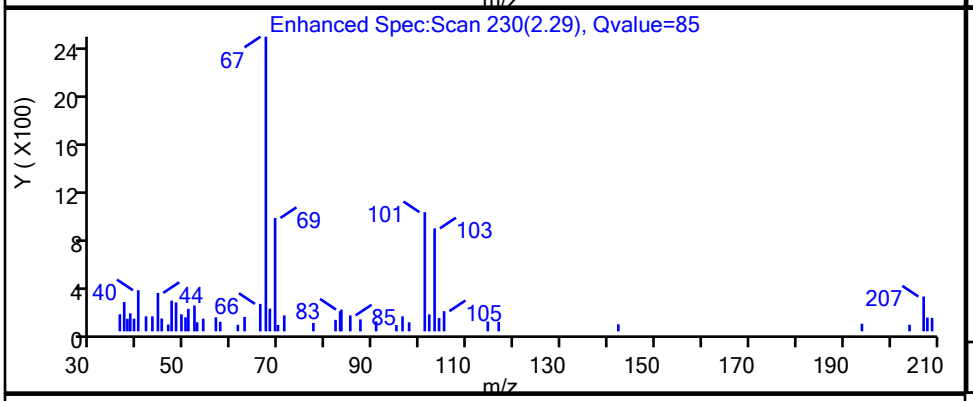
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

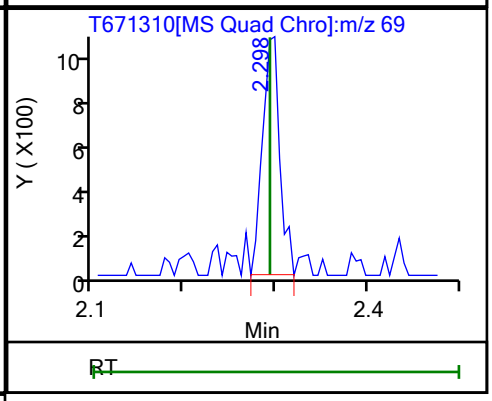
11 Dichlorofluoromethane, CAS: 75-43-4

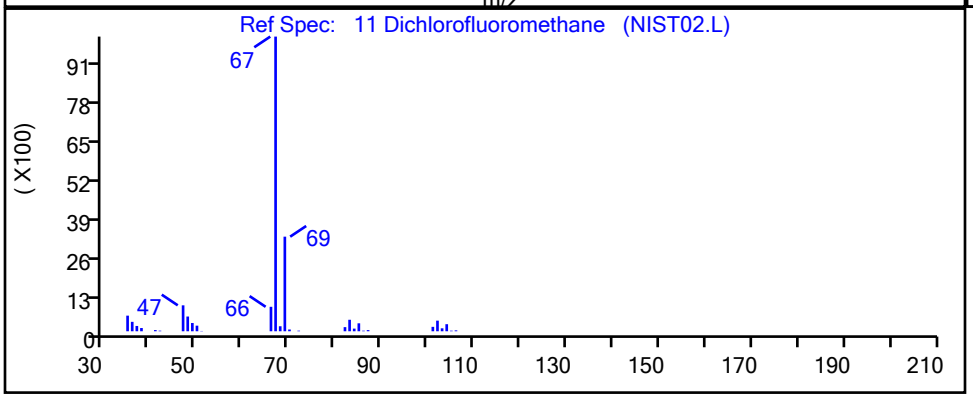
Processing Results











RT	Mass	Response	Amount
2.29	67.00	3511	0.250000
2.30	69.00	1324	

Reviewer: W9CM, 27-Oct-2023 13:19:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

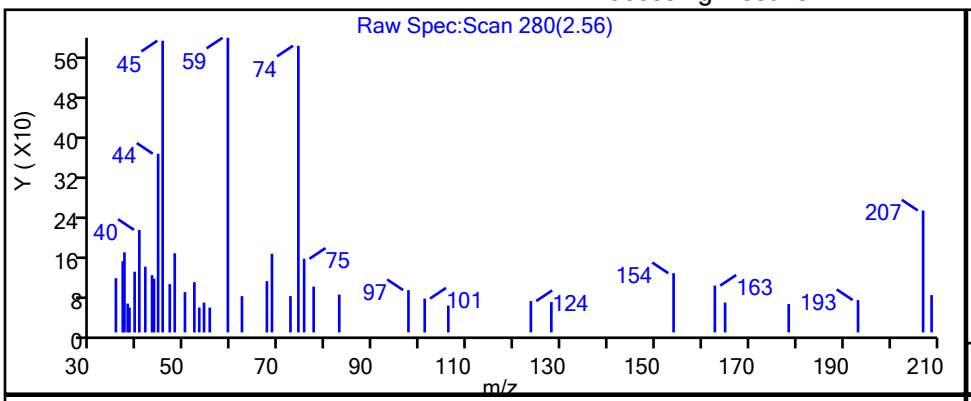
User Disabled Compound Report

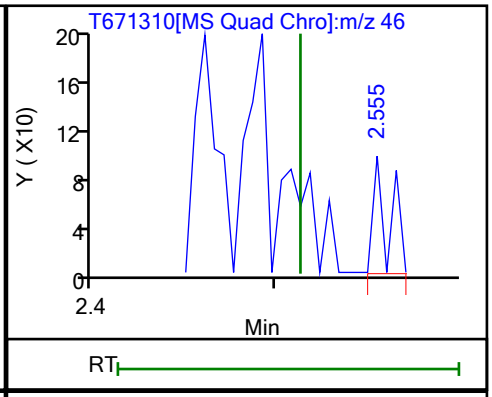
Eurofins Edison

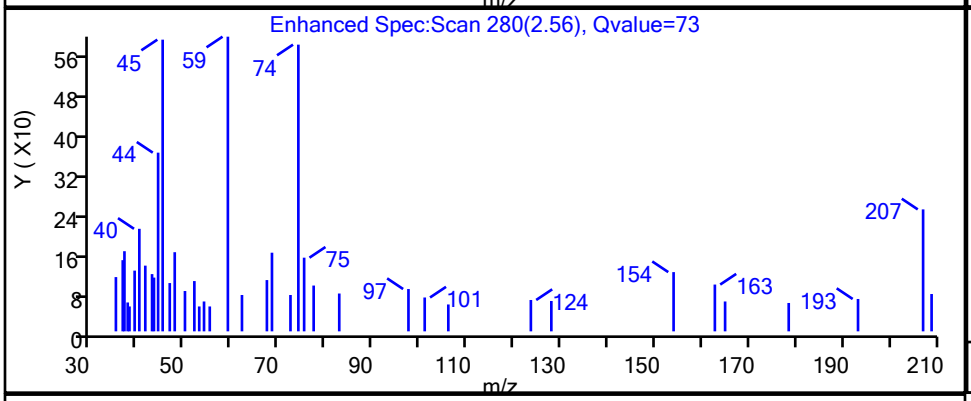
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

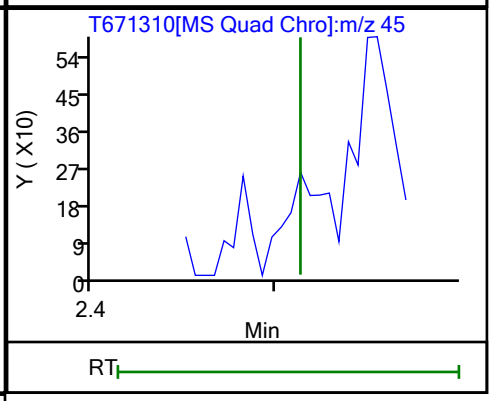
14 Ethanol, CAS: 64-17-5

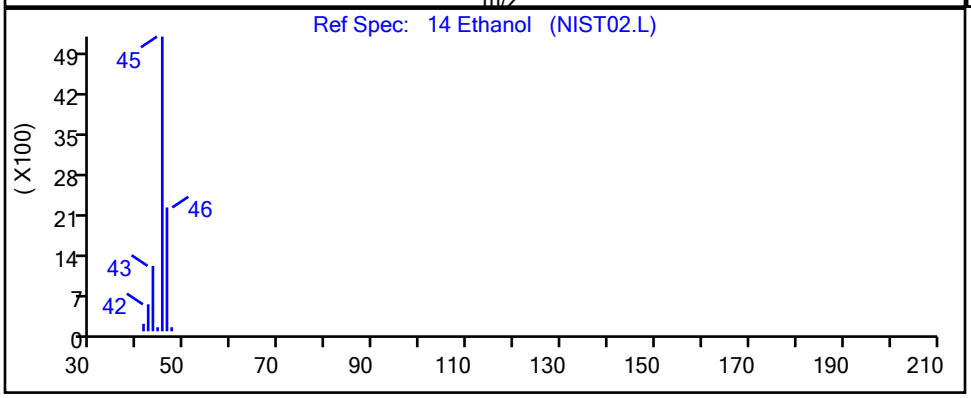
Processing Results











RT	Mass	Response	Amount
2.56	46.00	57	2.854533
2.56	45.00	1117	

Reviewer: W9CM, 27-Oct-2023 13:19:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

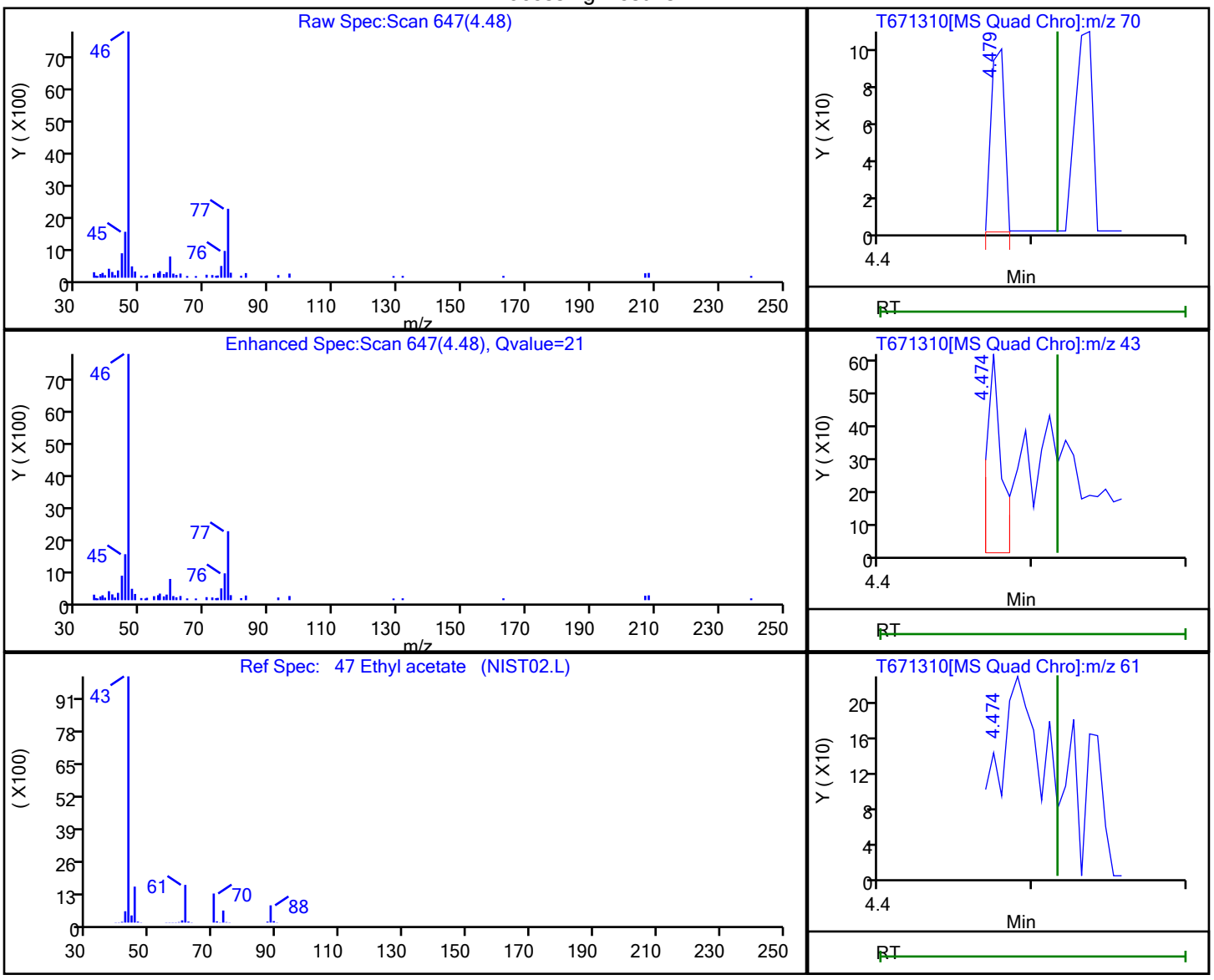
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.48	70.00	57	0.205917
4.47	43.00	409	
4.47	61.00	118	

Reviewer: W9CM, 27-Oct-2023 13:20:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

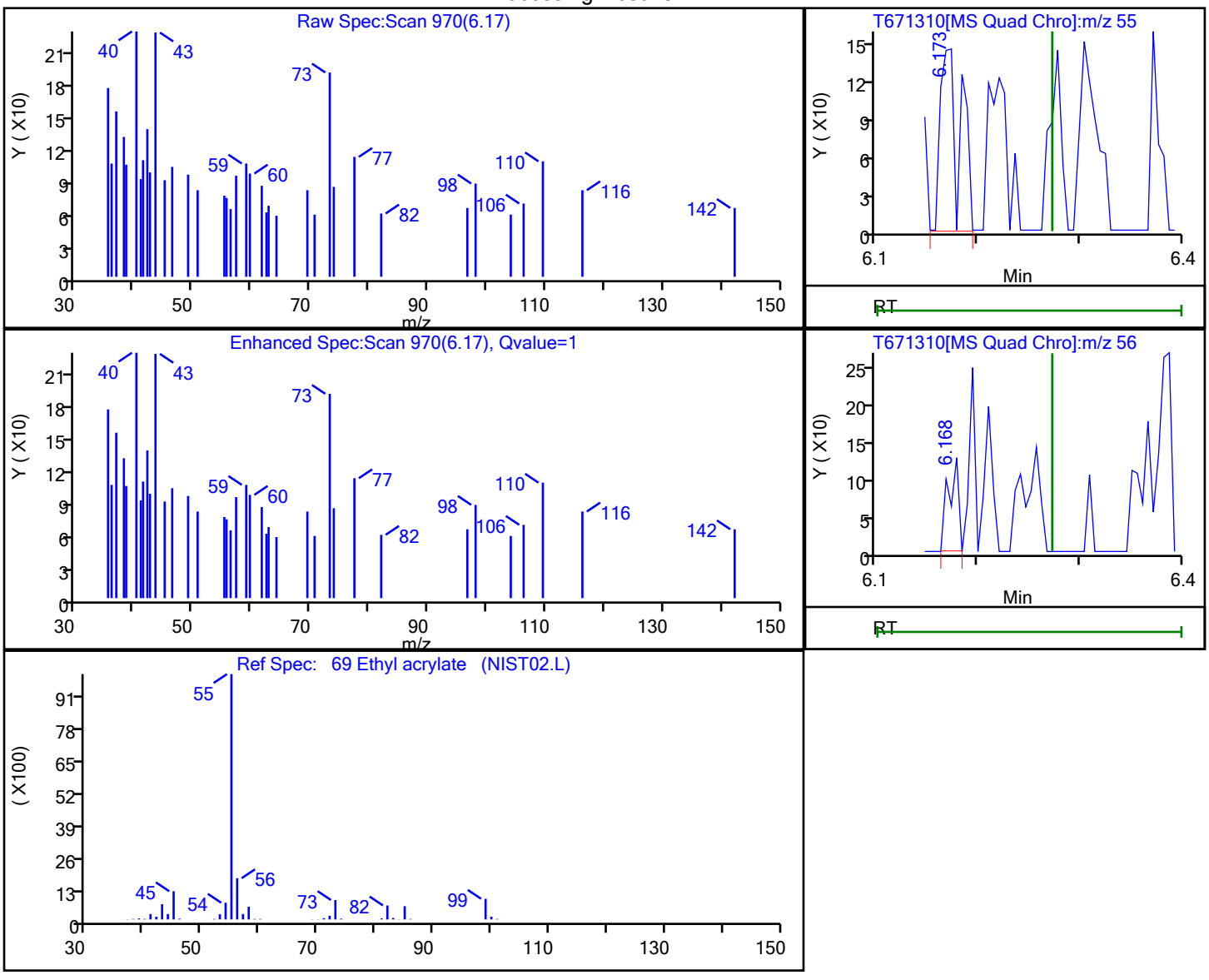
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
6.17	55.00	196	0.078781
6.17	56.00	89	

Reviewer: W9CM, 27-Oct-2023 13:21:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

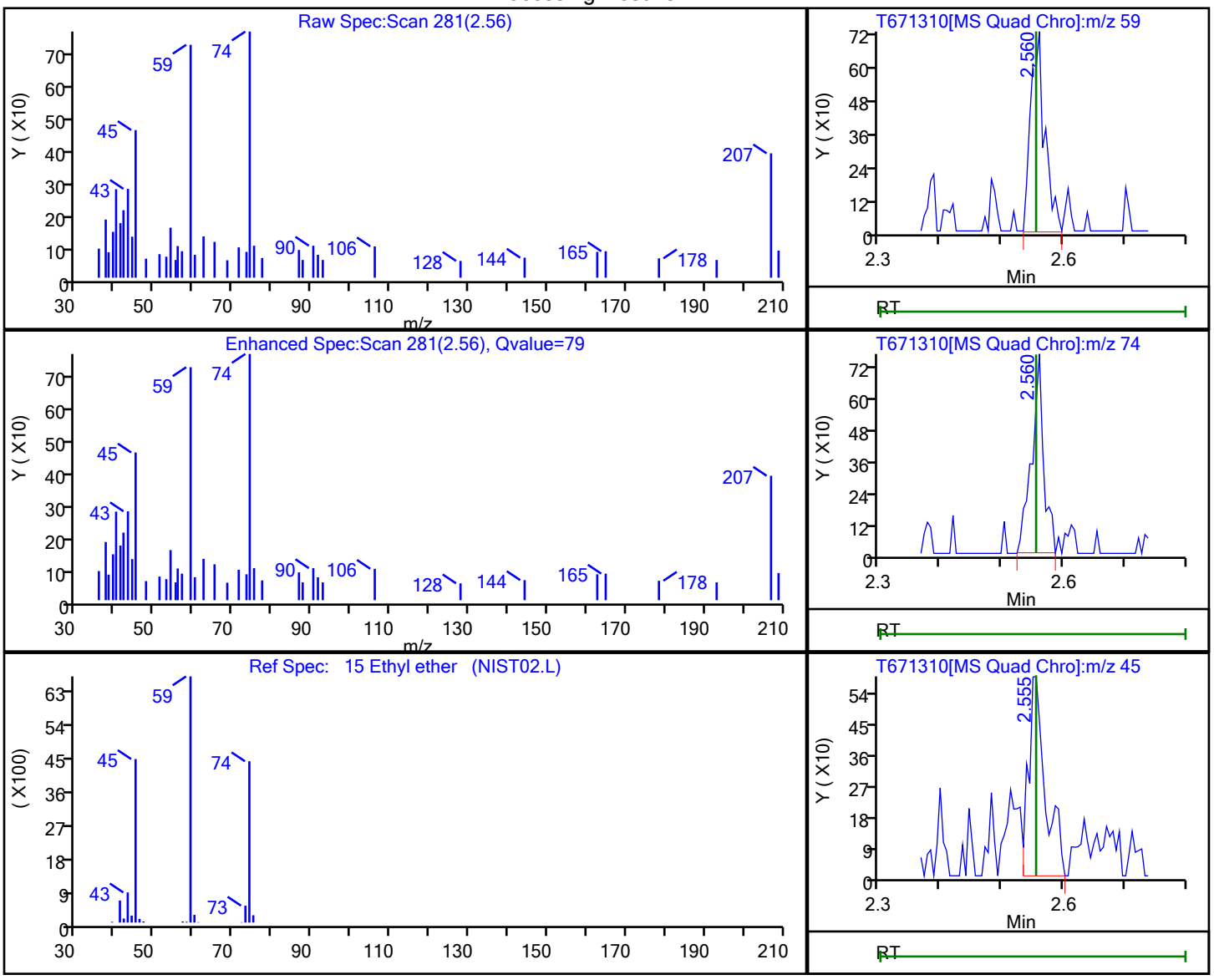
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.56	59.00	1149	-0.697873
2.56	74.00	1050	
2.56	45.00	1117	

Reviewer: W9CM, 27-Oct-2023 13:19:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

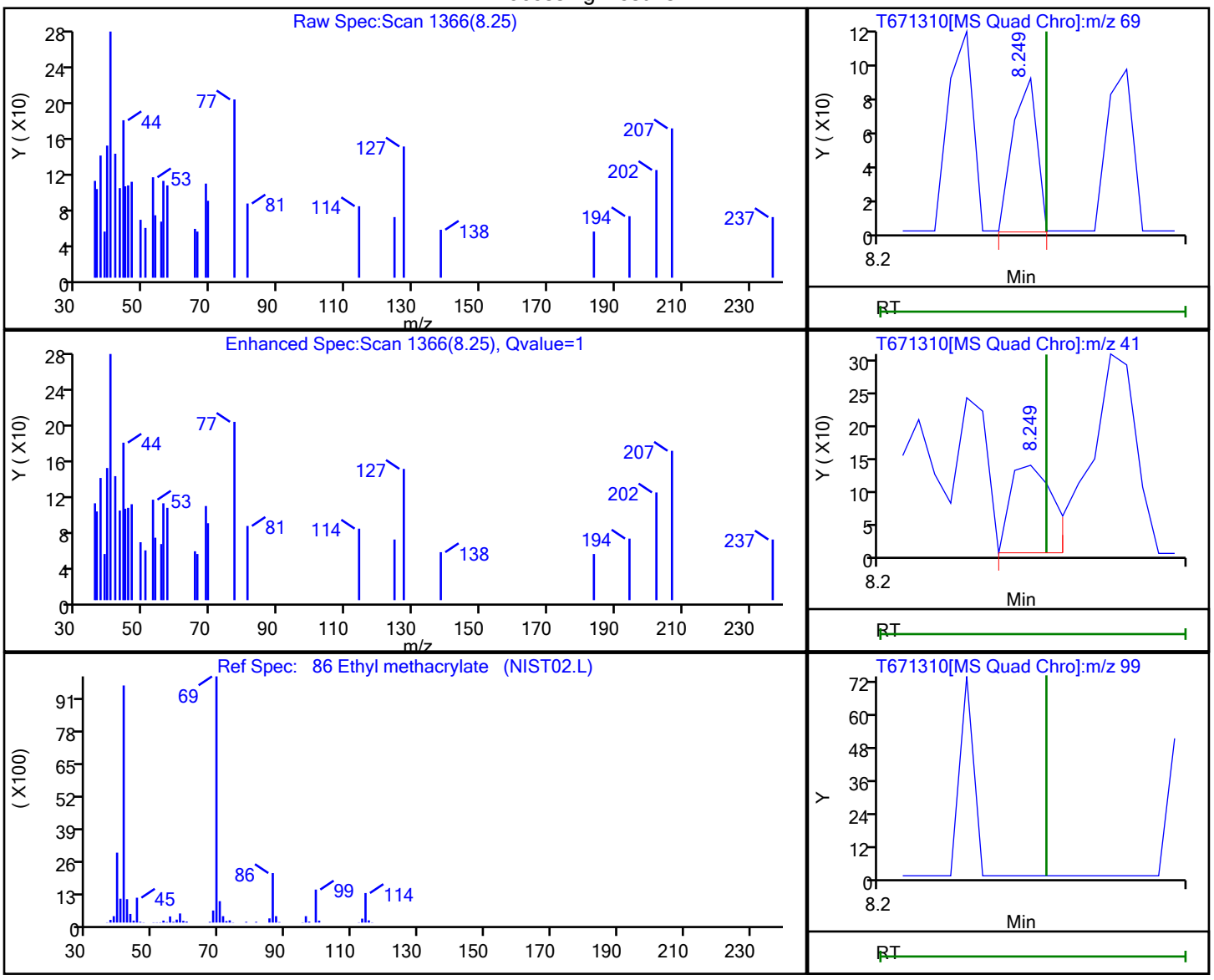
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
8.25	69.00	46	0.013343
8.25	41.00	136	
8.25	99.00	0	

Reviewer: W9CM, 27-Oct-2023 13:21:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

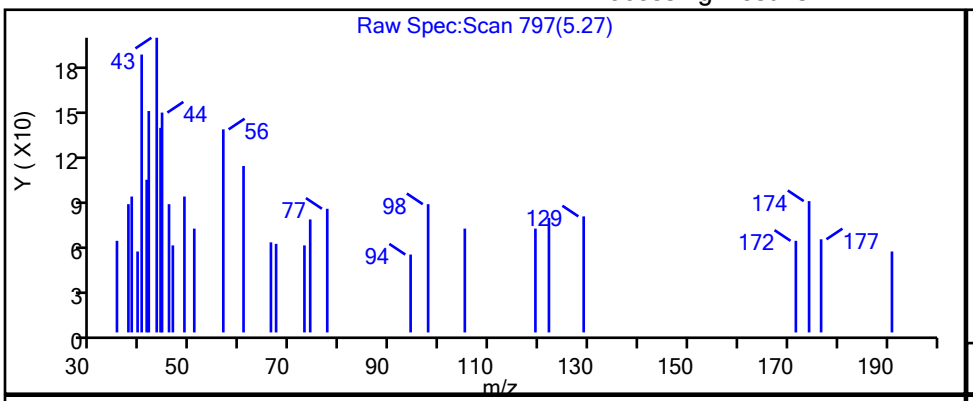
User Disabled Compound Report

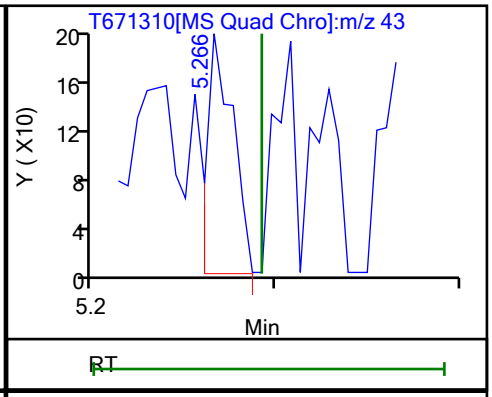
Eurofins Edison

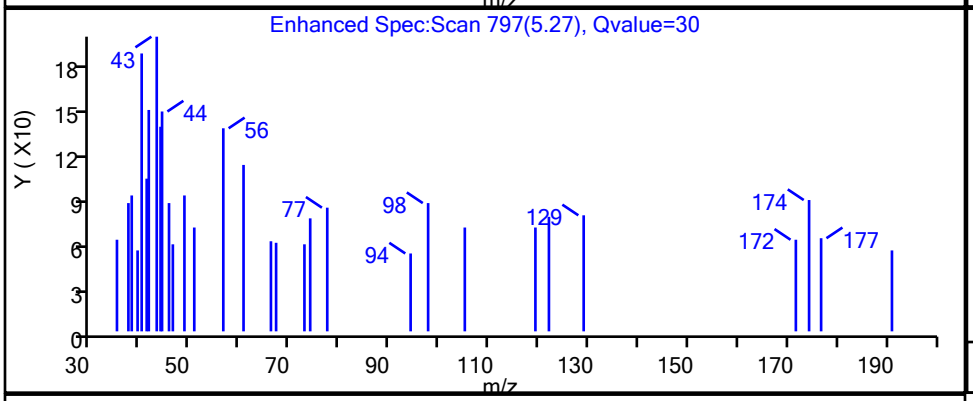
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

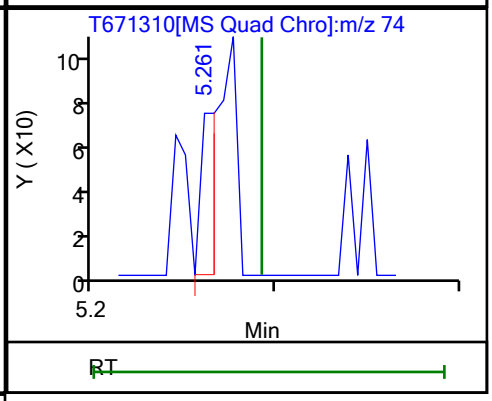
59 Isobutyl alcohol, CAS: 78-83-1

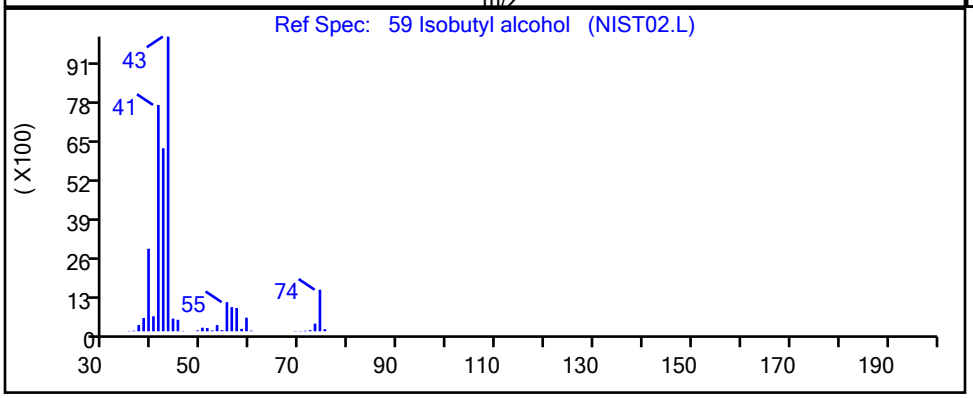
Processing Results











RT	Mass	Response	Amount
5.27	43.00	187	1.746501
5.26	74.00	47	

Reviewer: W9CM, 27-Oct-2023 13:20:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

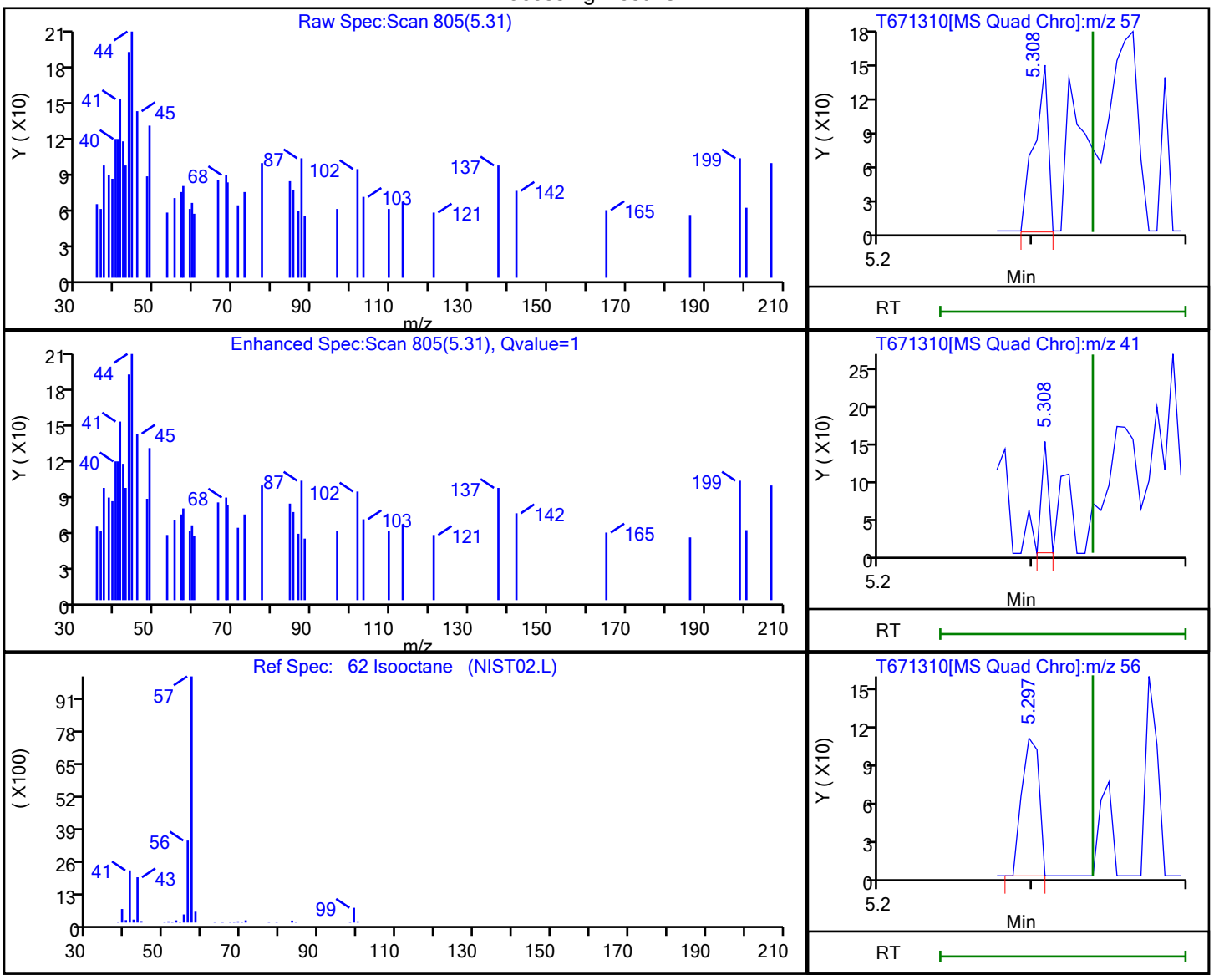
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.31	57.00	93	0.013794
5.31	41.00	47	
5.30	56.00	84	

Reviewer: W9CM, 27-Oct-2023 13:20:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

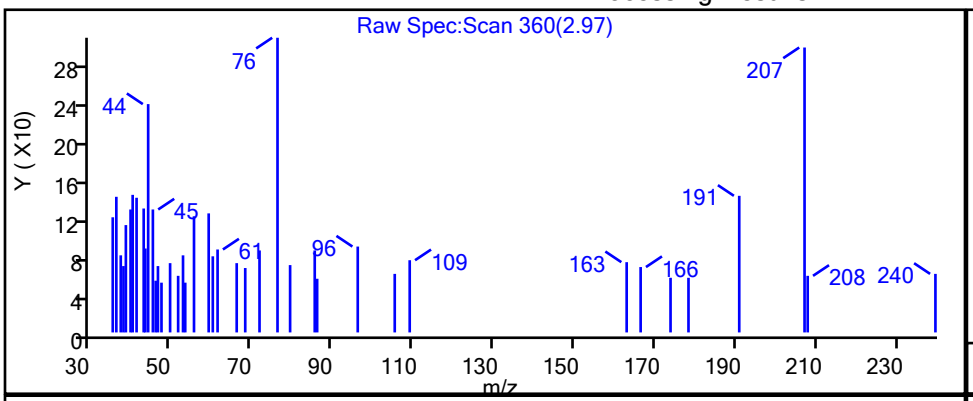
User Disabled Compound Report

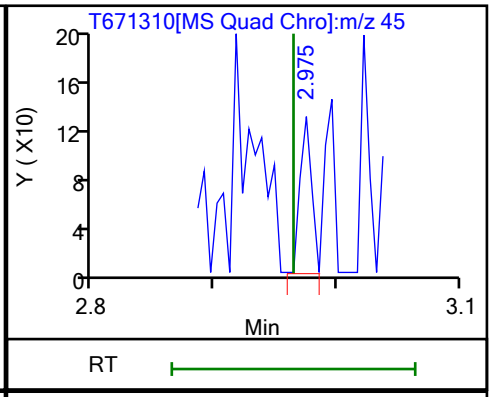
Eurofins Edison

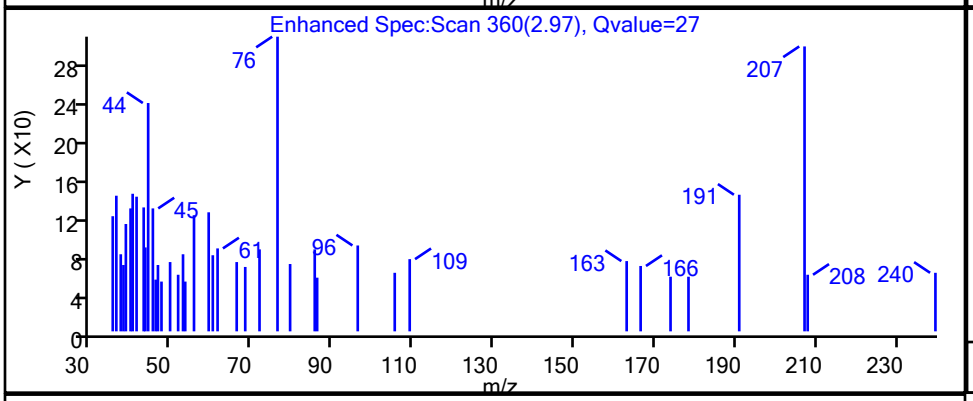
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

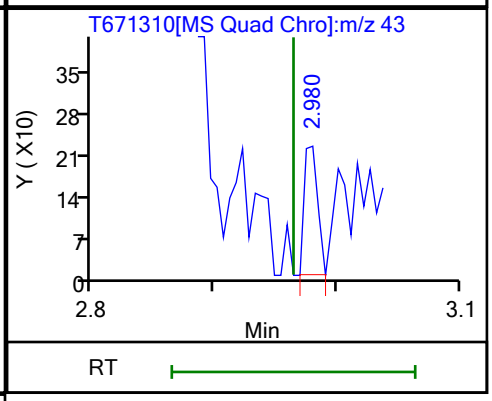
25 Isopropyl alcohol, CAS: 67-63-0

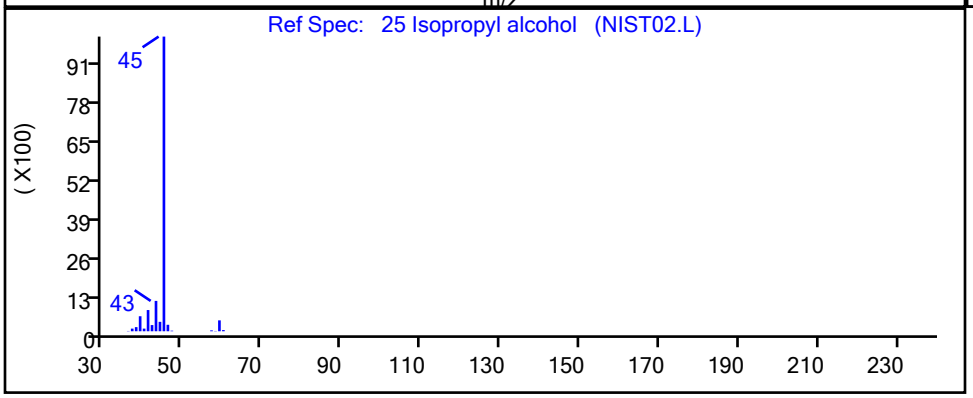
Processing Results











RT	Mass	Response	Amount
2.97	45.00	82	2.611586
2.98	43.00	167	

Reviewer: W9CM, 27-Oct-2023 13:20:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

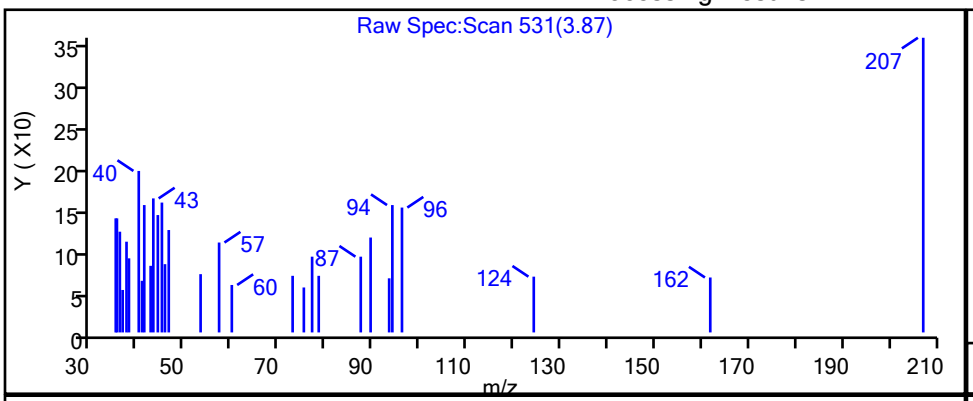
User Disabled Compound Report

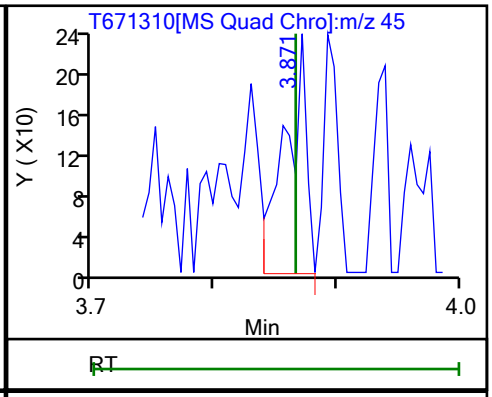
Eurofins Edison

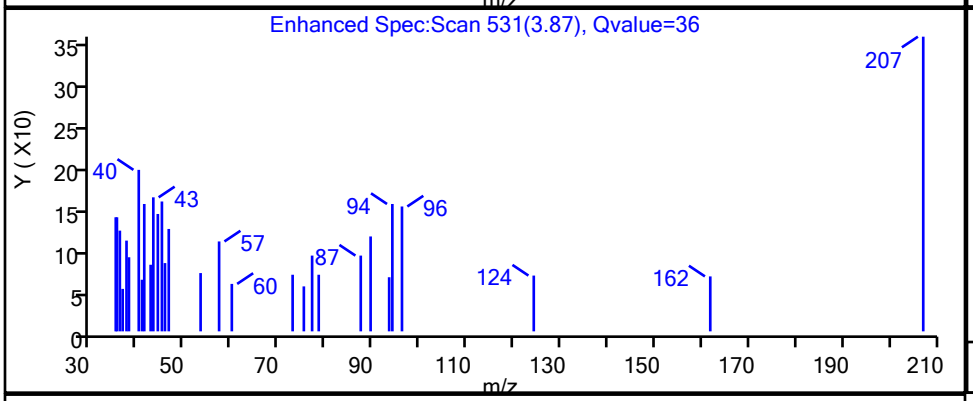
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

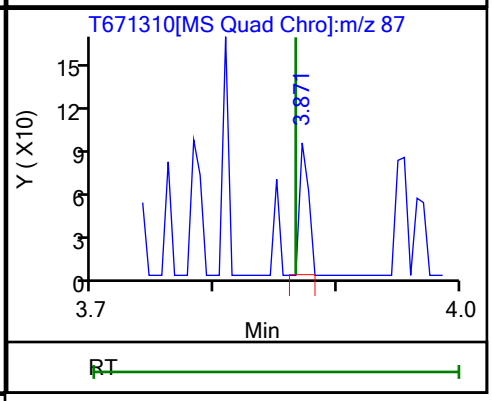
40 Isopropyl ether, CAS: 108-20-3

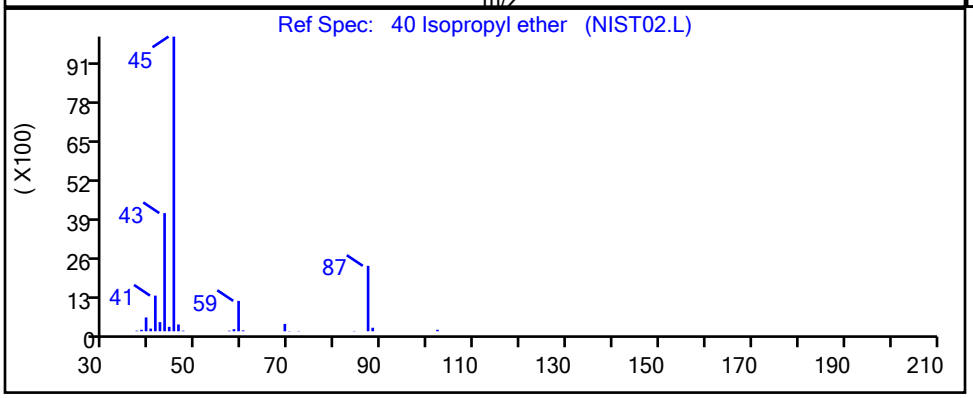
Processing Results











RT	Mass	Response	Amount
3.87	45.00	290	0.030861
3.87	87.00	47	

Reviewer: W9CM, 27-Oct-2023 13:20:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

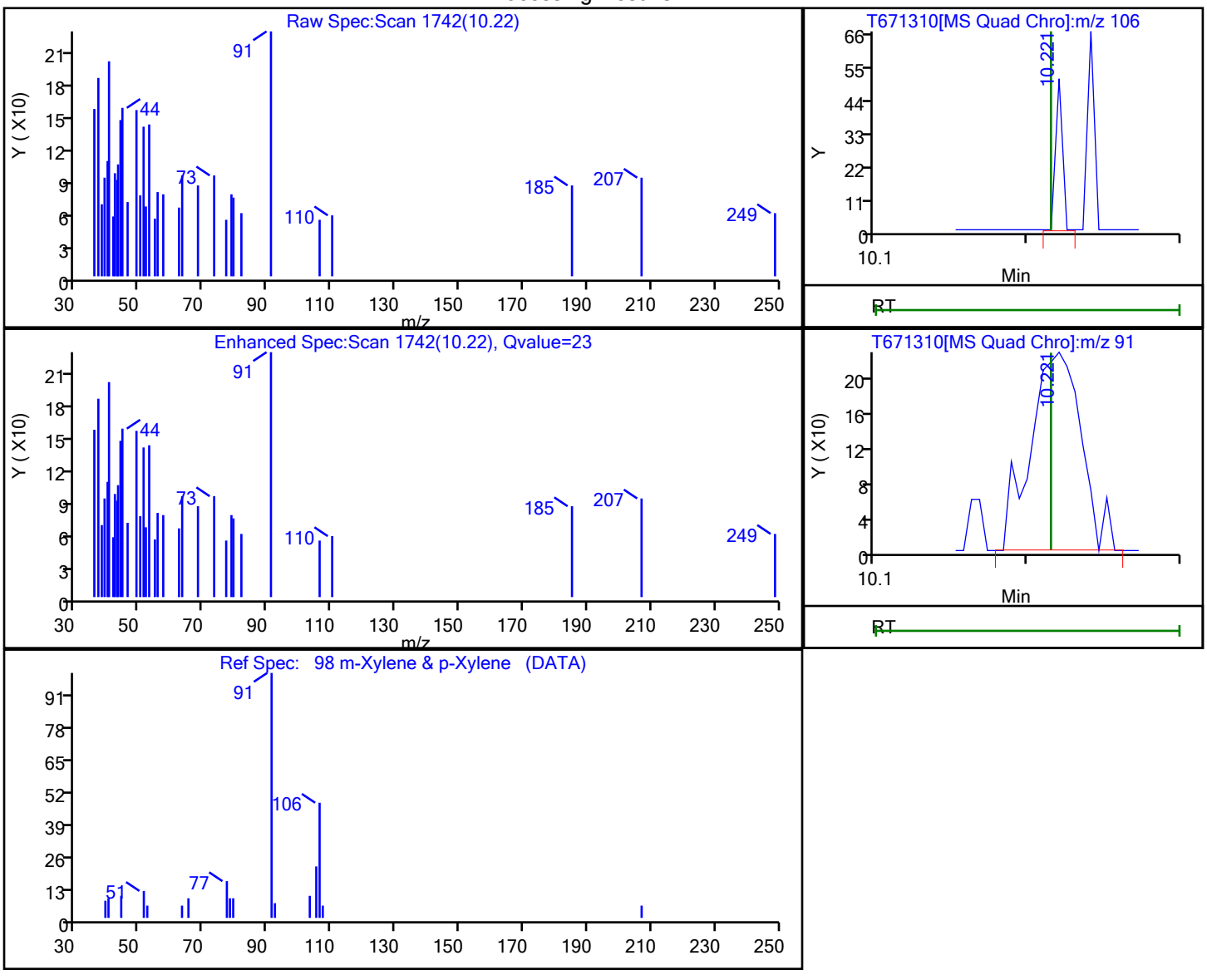
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
10.22	106.00	16	0.002354
10.22	91.00	515	

Reviewer: W9CM, 27-Oct-2023 13:21:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

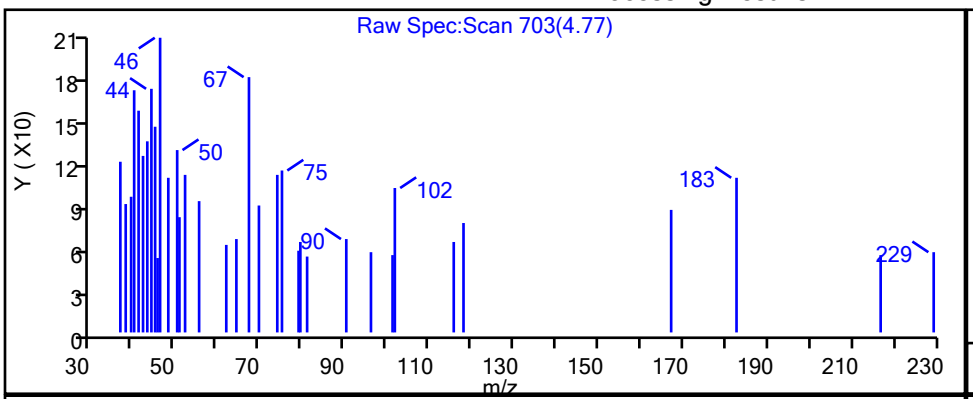
User Disabled Compound Report

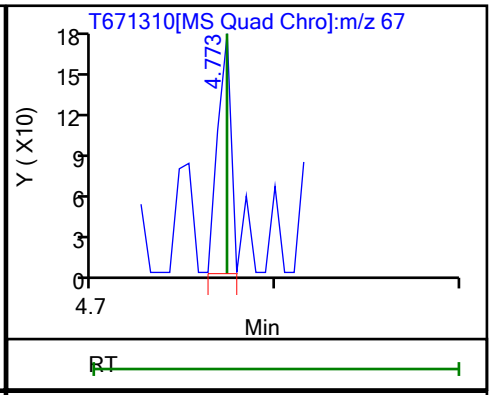
Eurofins Edison

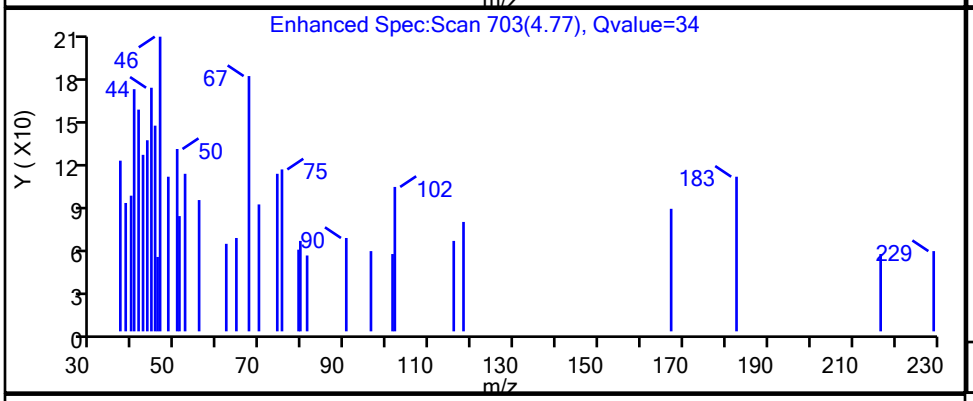
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

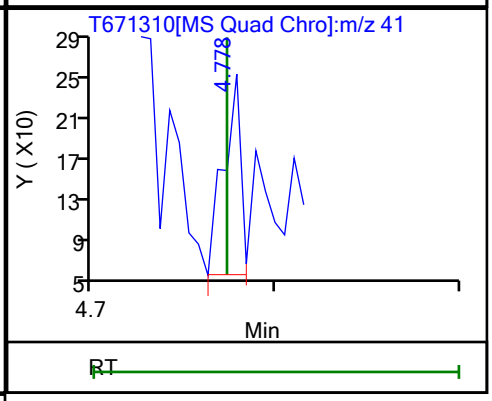
50 Methacrylonitrile, CAS: 126-98-7

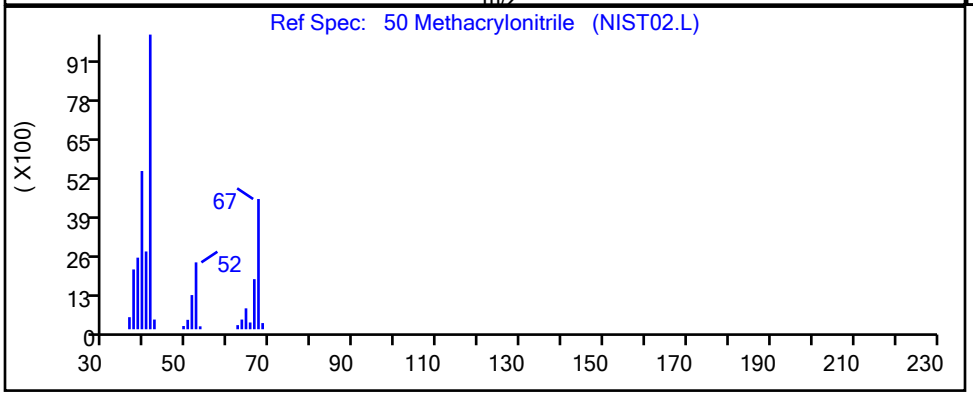
Processing Results











RT	Mass	Response	Amount
4.77	67.00	88	0.066918
4.78	41.00	128	

Reviewer: W9CM, 27-Oct-2023 13:20:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

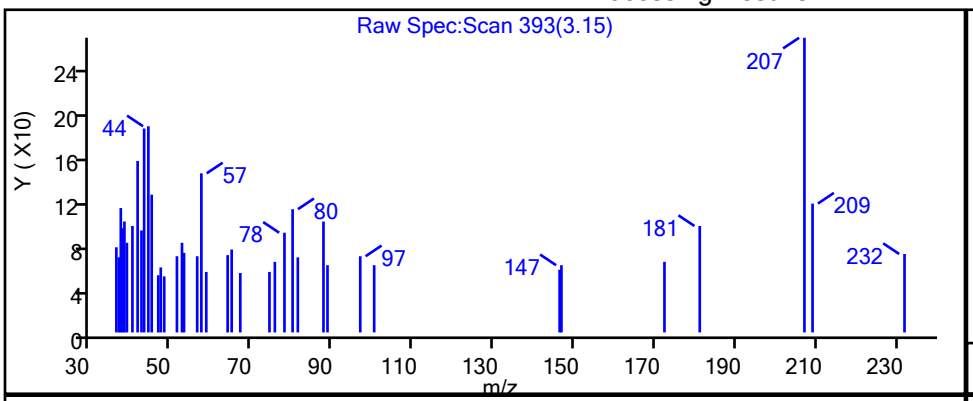
User Disabled Compound Report

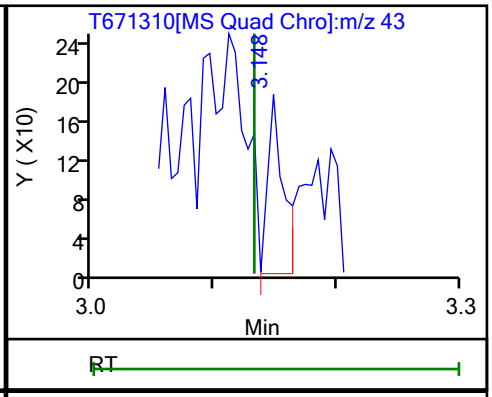
Eurofins Edison

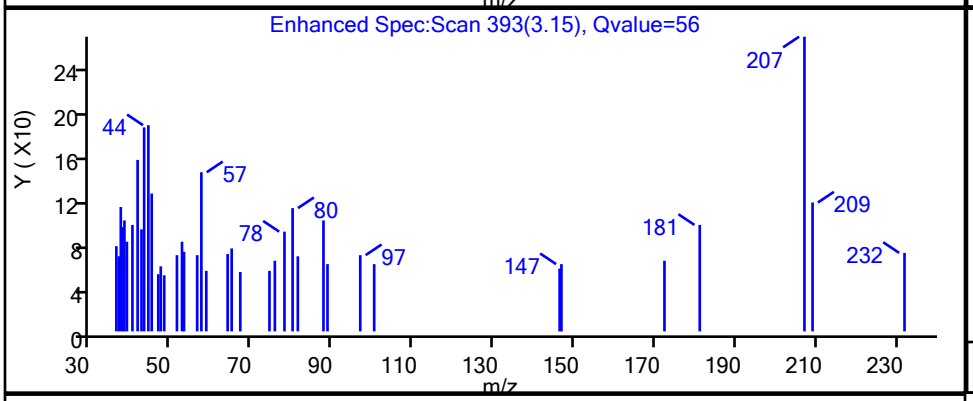
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

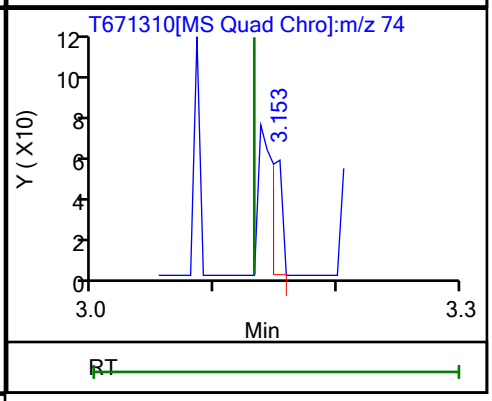
28 Methyl acetate, CAS: 79-20-9

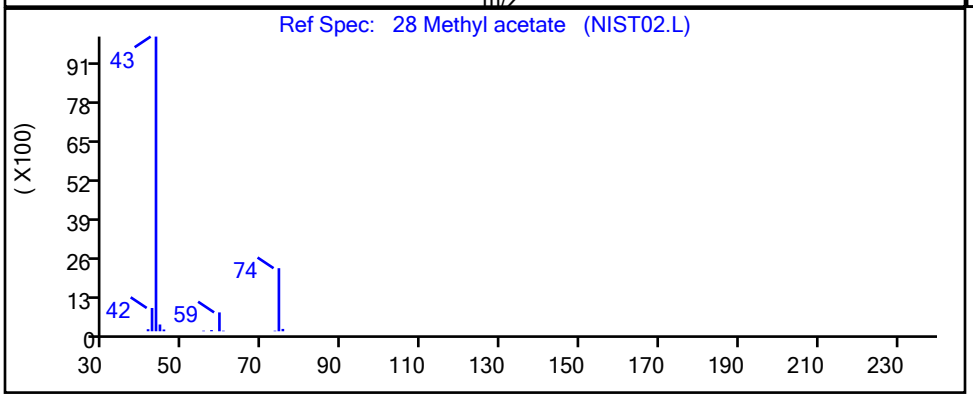
Processing Results











RT	Mass	Response	Amount
3.15	43.00	162	0.081661
3.15	74.00	35	

Reviewer: W9CM, 27-Oct-2023 13:20:06 -04:00:00 (UTC)
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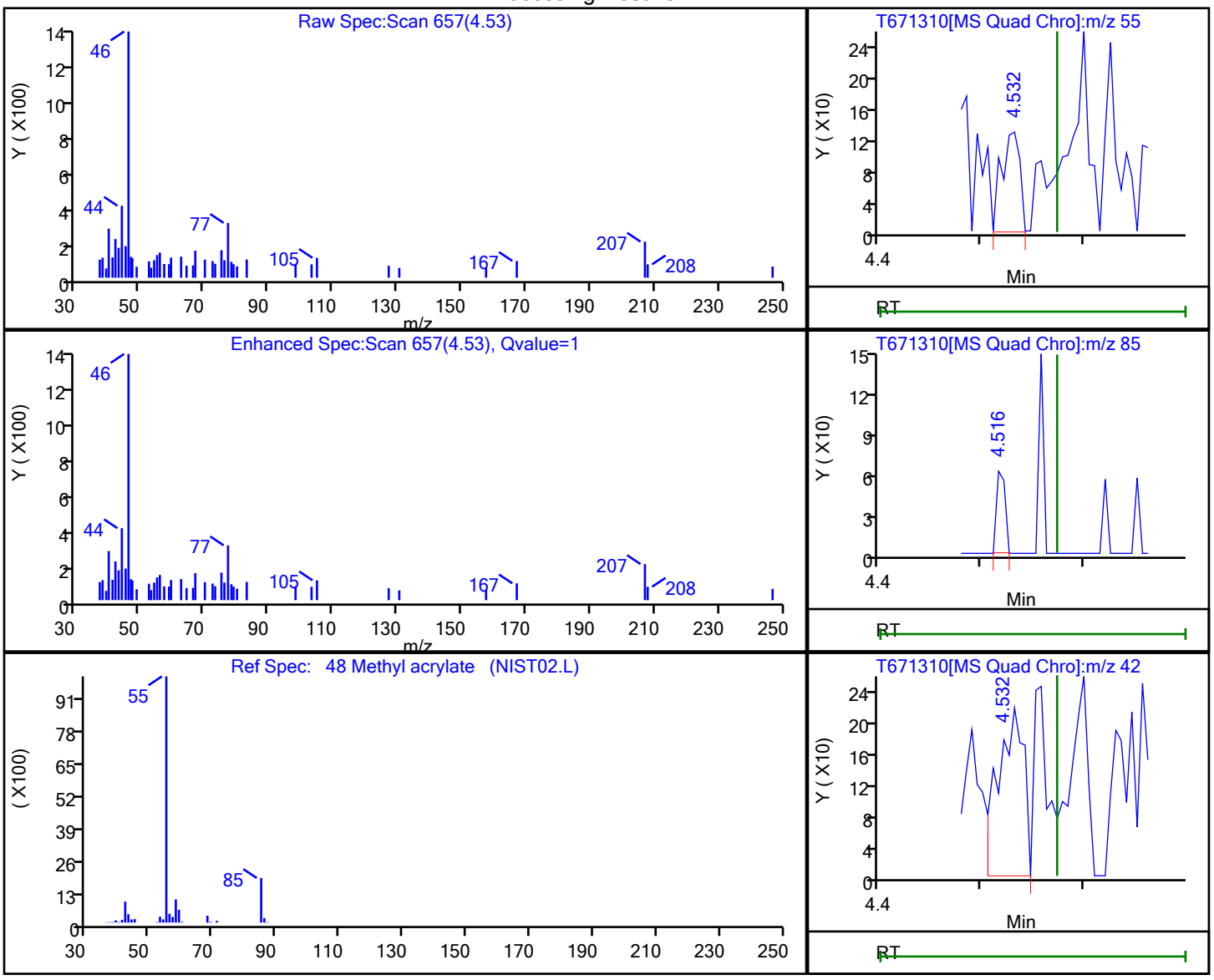
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.53	55.00	158	0.074754
4.52	85.00	36	
4.53	42.00	382	

Reviewer: W9CM, 27-Oct-2023 13:20:38 -04:00:00 (UTC)
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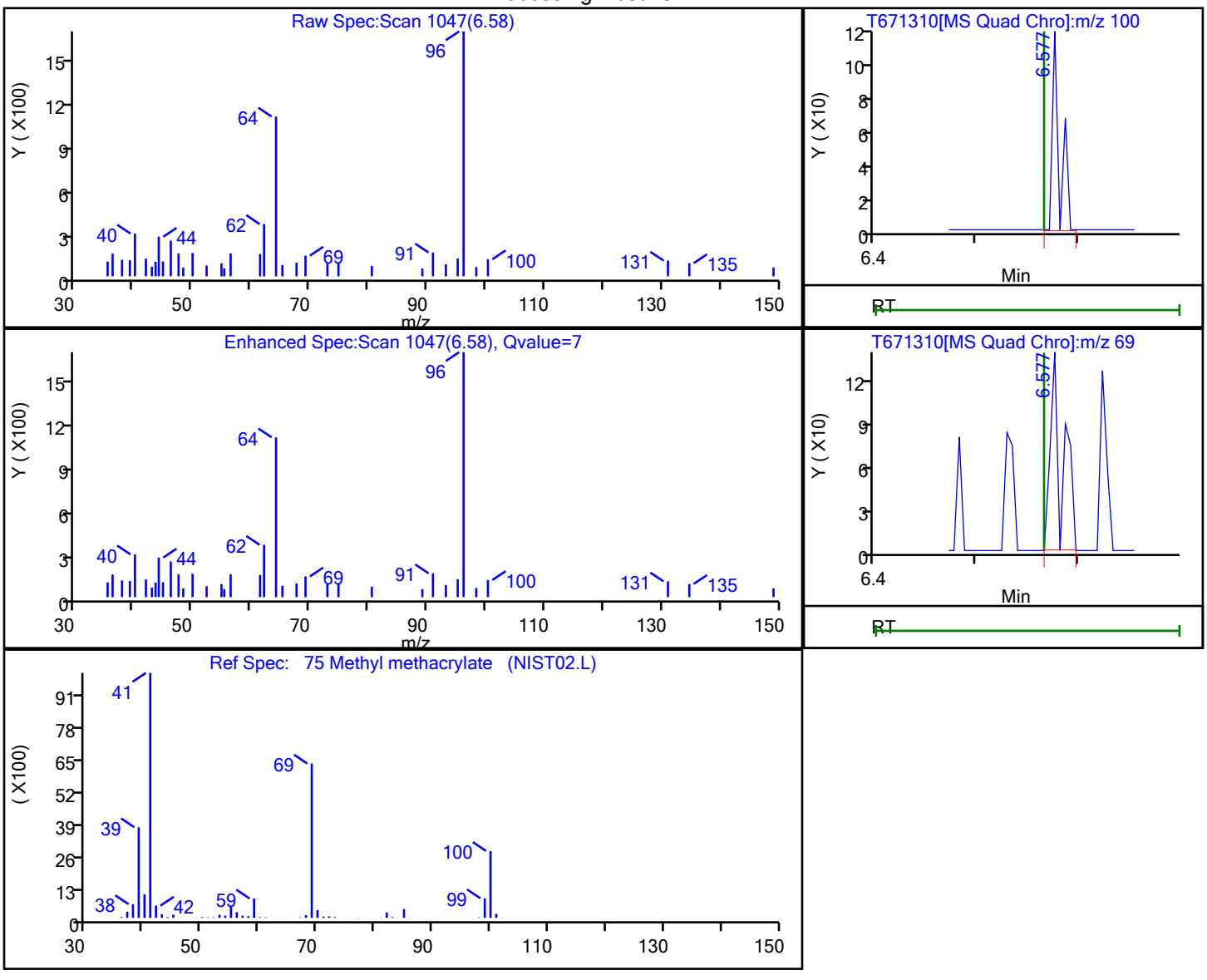
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

75 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
6.58	100.00	56	0.065256
6.58	69.00	114	

Reviewer: W9CM, 27-Oct-2023 13:21:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

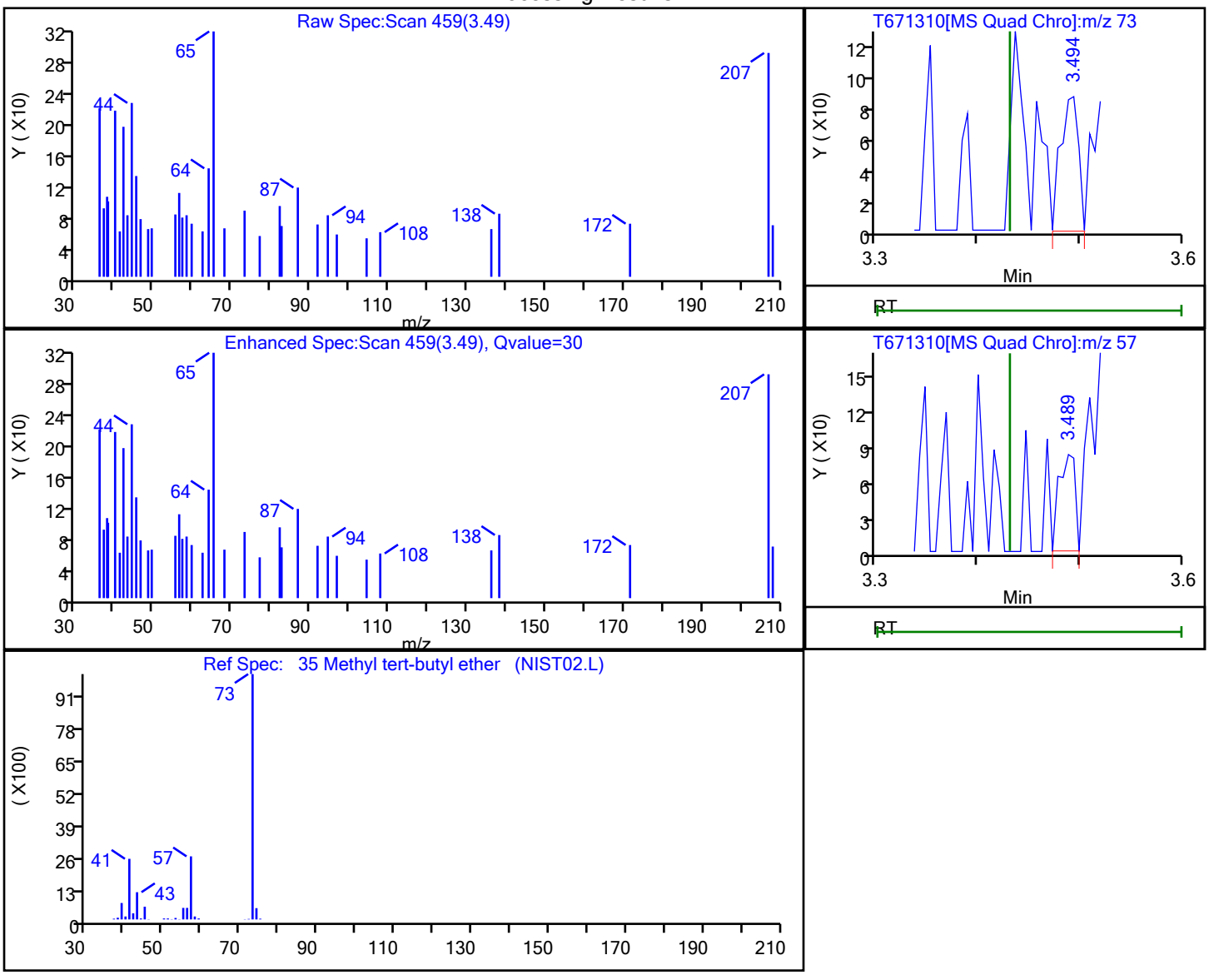
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.49	73.00	104	0.012563
3.49	57.00	88	

Reviewer: W9CM, 27-Oct-2023 13:20:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

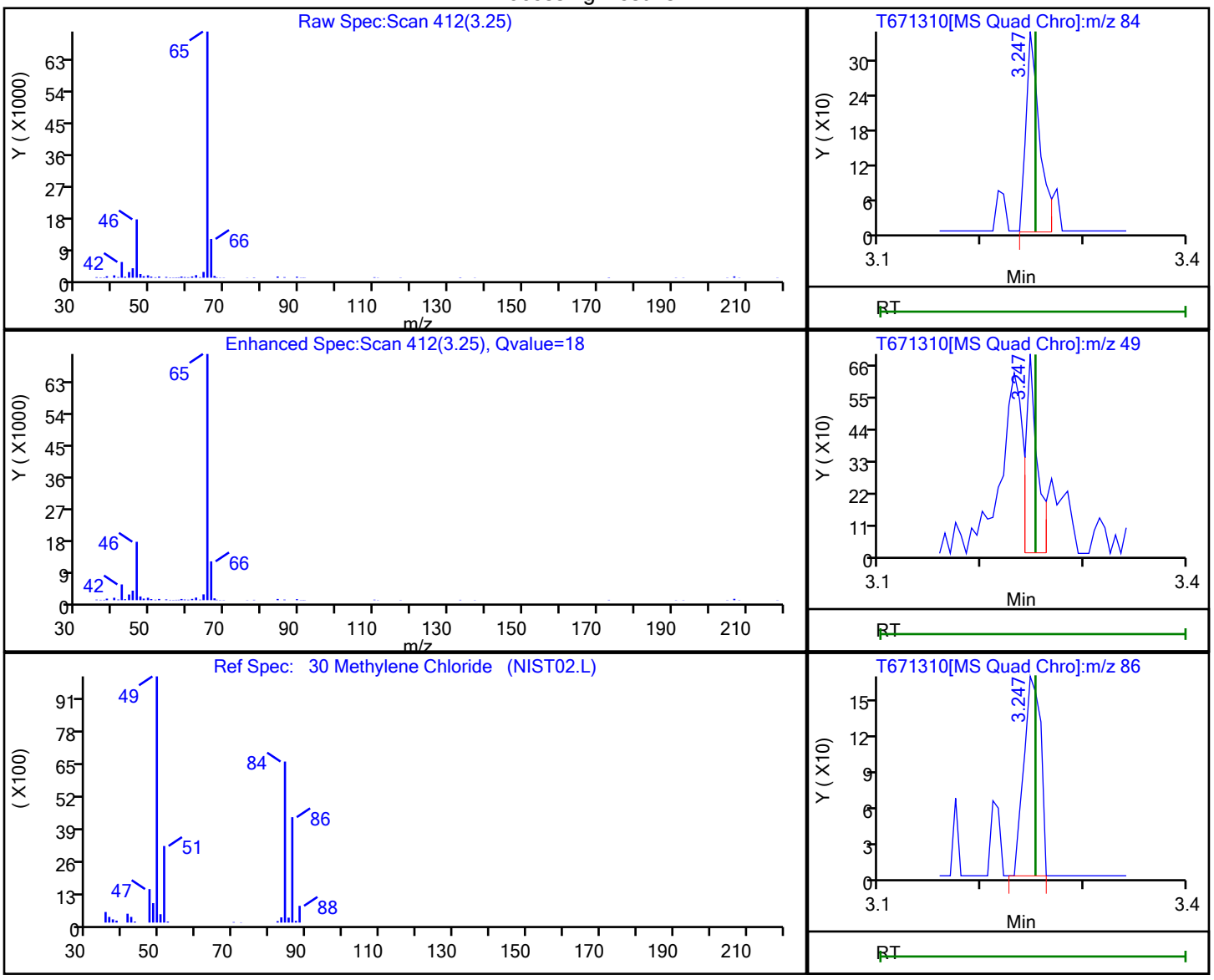
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
3.25	84.00	320	0.045194
3.25	49.00	557	
3.25	86.00	185	

Reviewer: W9CM, 27-Oct-2023 13:20:13 -04:00:00 (UTC)
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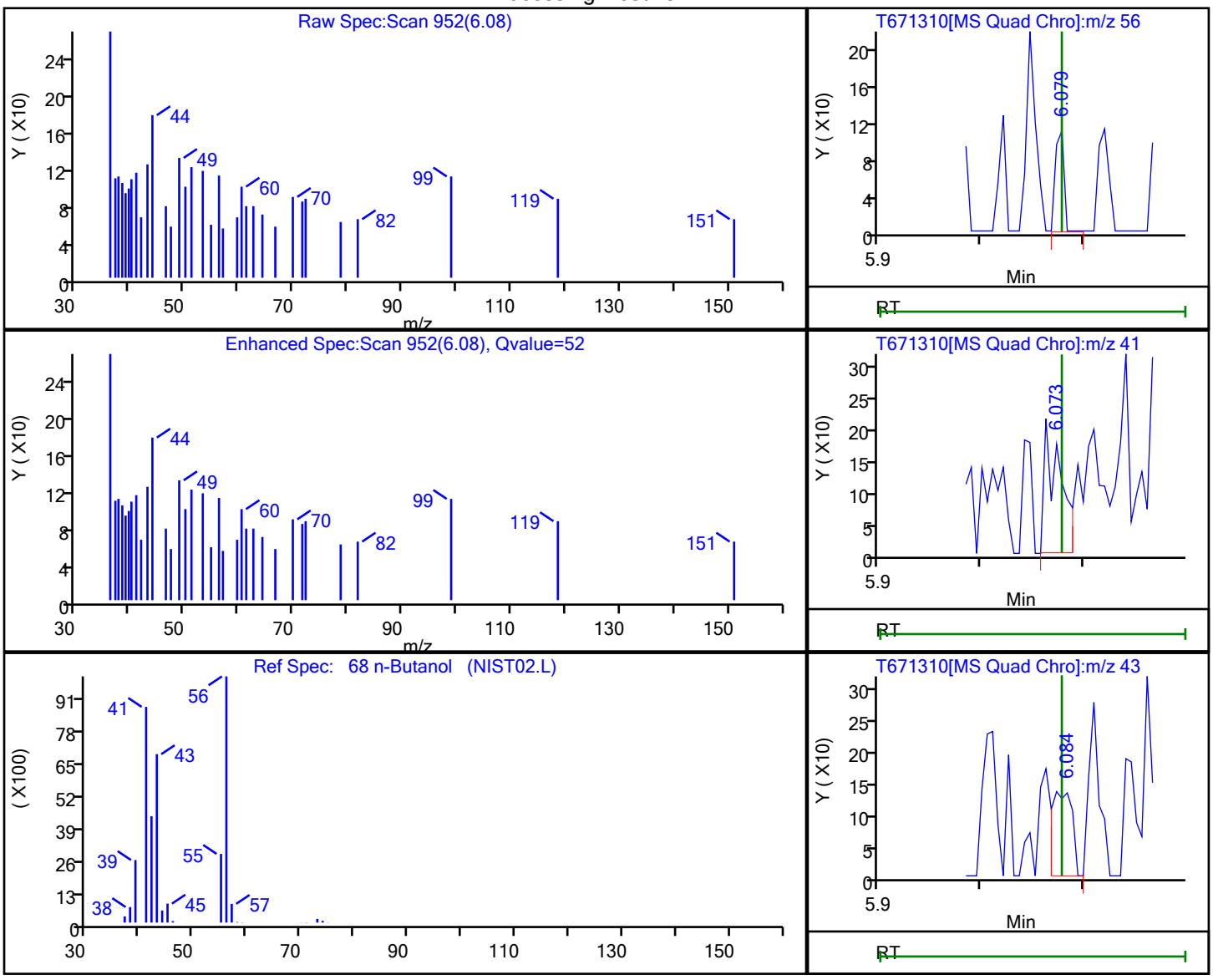
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
6.08	56.00	65	0.886397
6.07	41.00	235	
6.08	43.00	187	

Reviewer: W9CM, 27-Oct-2023 13:20:58 -04:00:00 (UTC)
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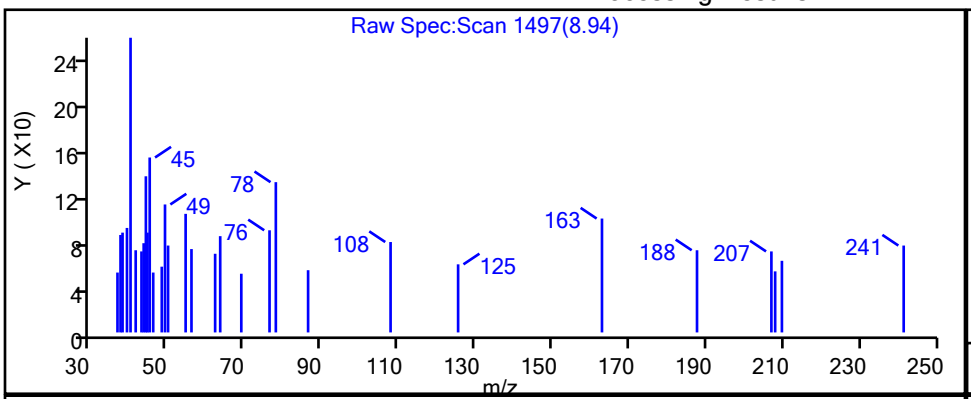
User Disabled Compound Report

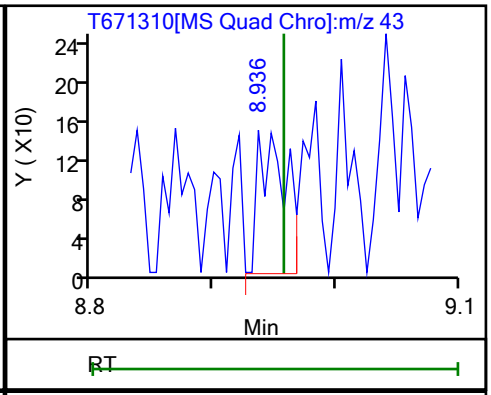
Eurofins Edison

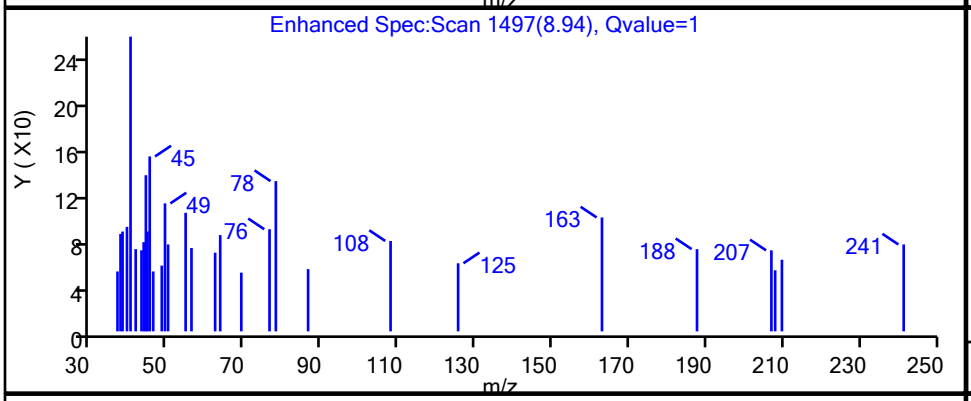
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

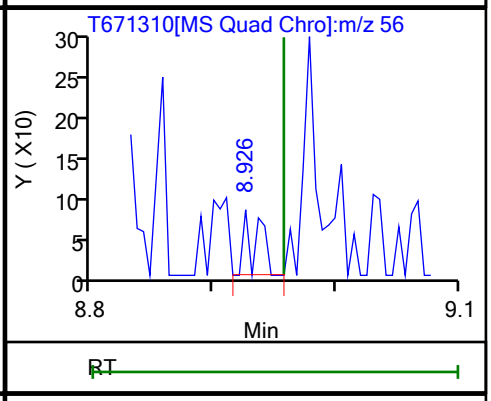
93 n-Butyl acetate, CAS: 123-86-4

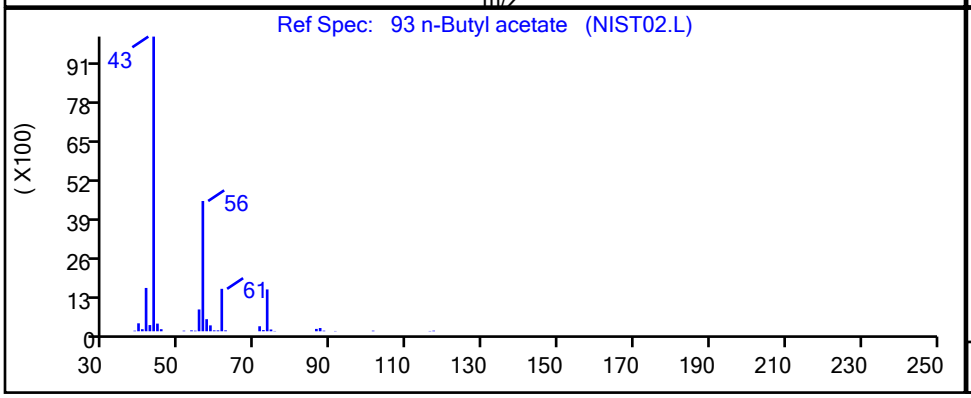
Processing Results

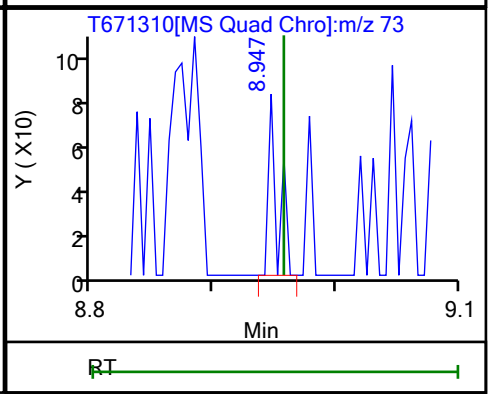












RT	Mass	Response	Amount
8.94	43.00	230	0.048062
8.93	56.00	67	
8.95	73.00	42	

Reviewer: W9CM, 27-Oct-2023 13:21:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

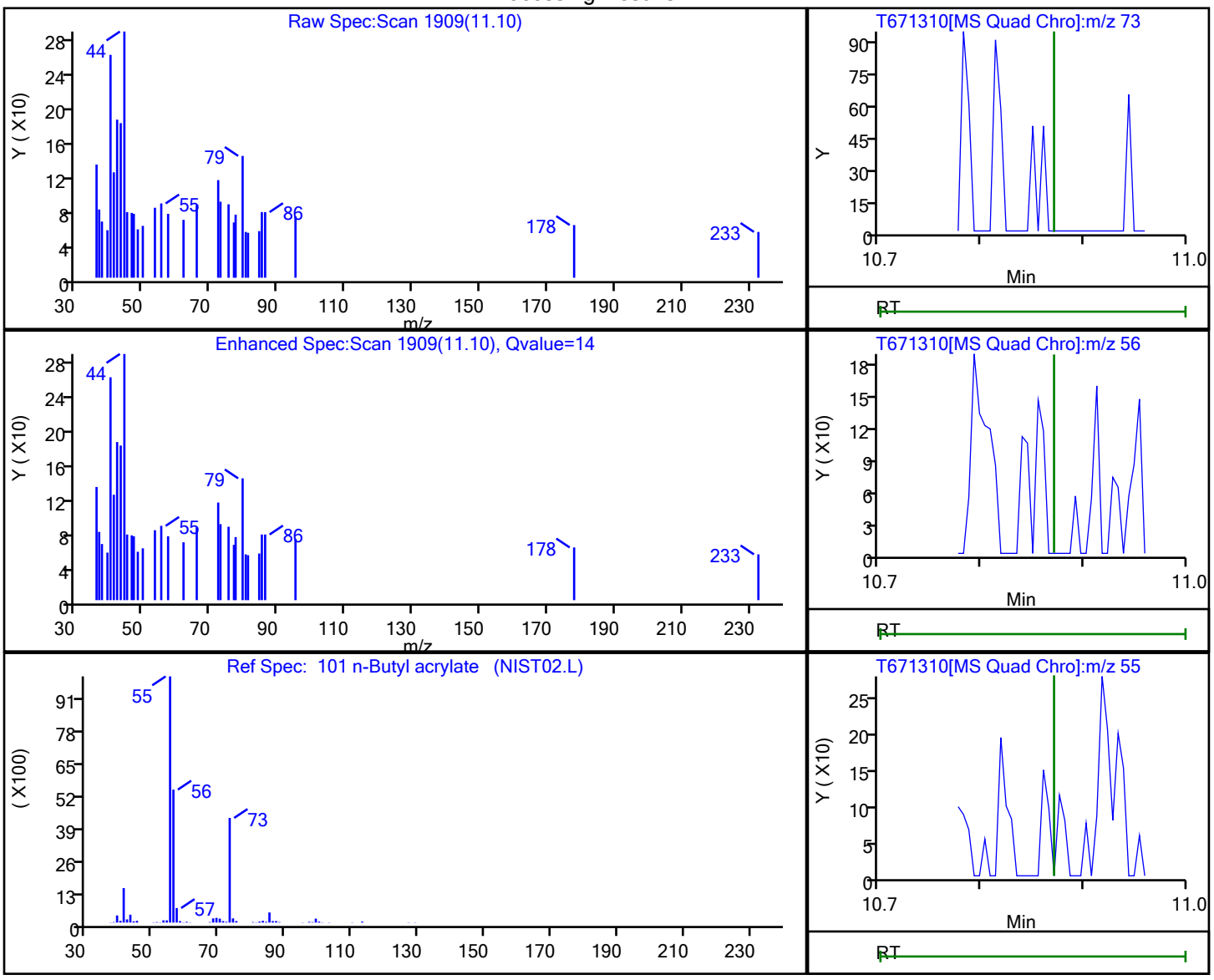
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
11.10	73.00	90	0.037708
11.10	56.00	91	
11.09	55.00	126	

Reviewer: W9CM, 27-Oct-2023 13:21:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

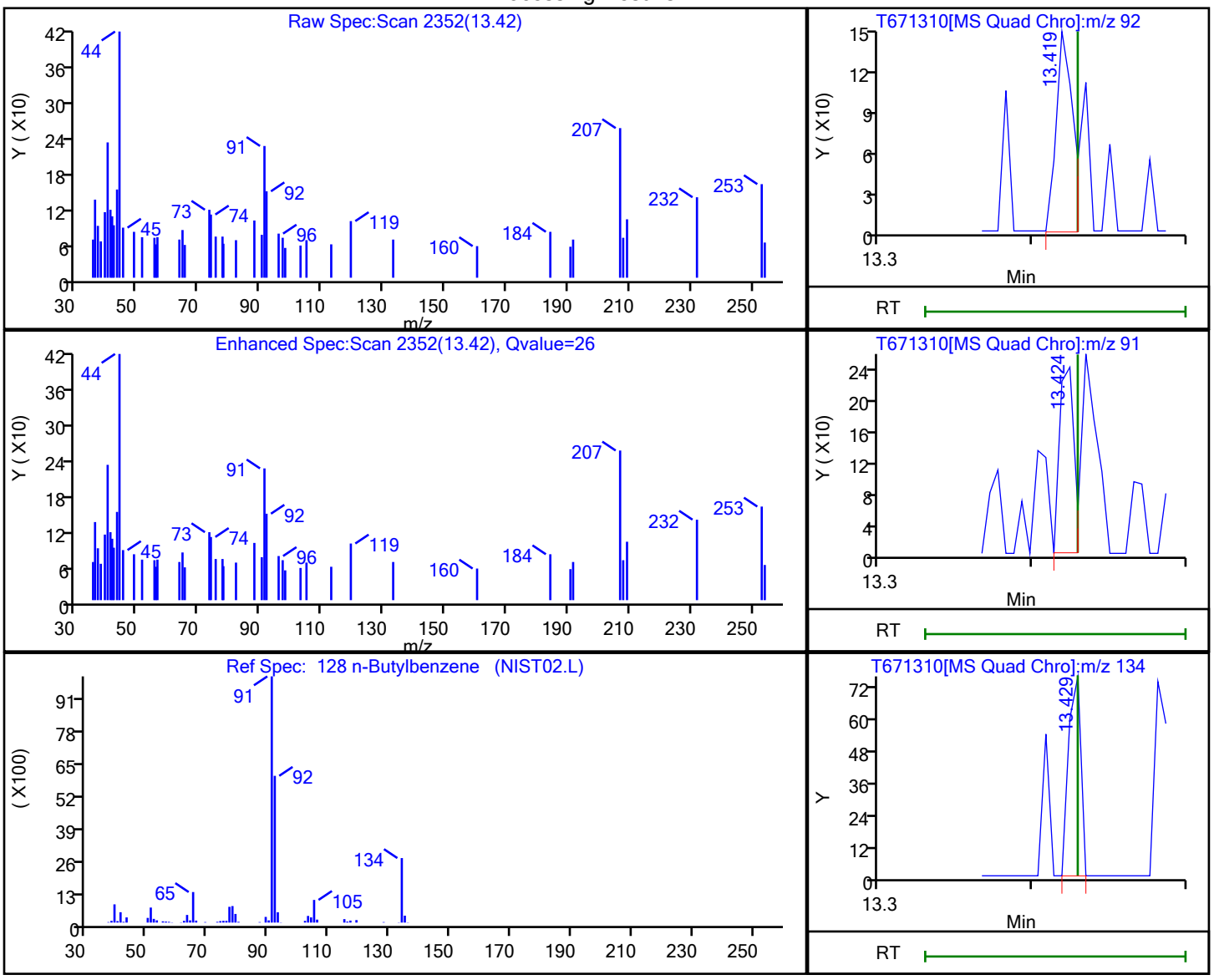
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.42	92.00	112	0.018617
13.42	91.00	162	
13.43	134.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

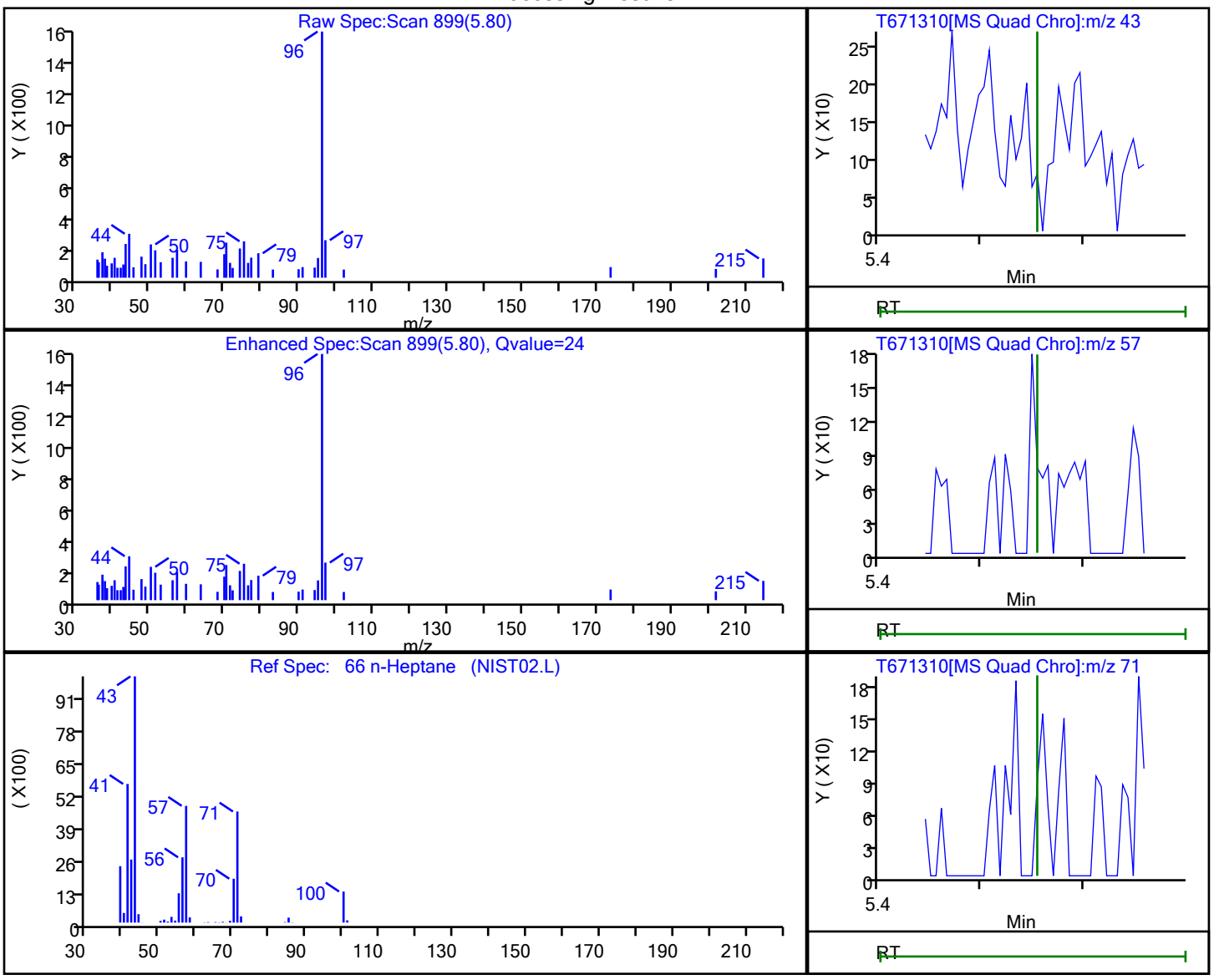
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.80	43.00	249	0.055263
5.80	57.00	124	
5.80	71.00	95	

Reviewer: W9CM, 27-Oct-2023 13:20:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

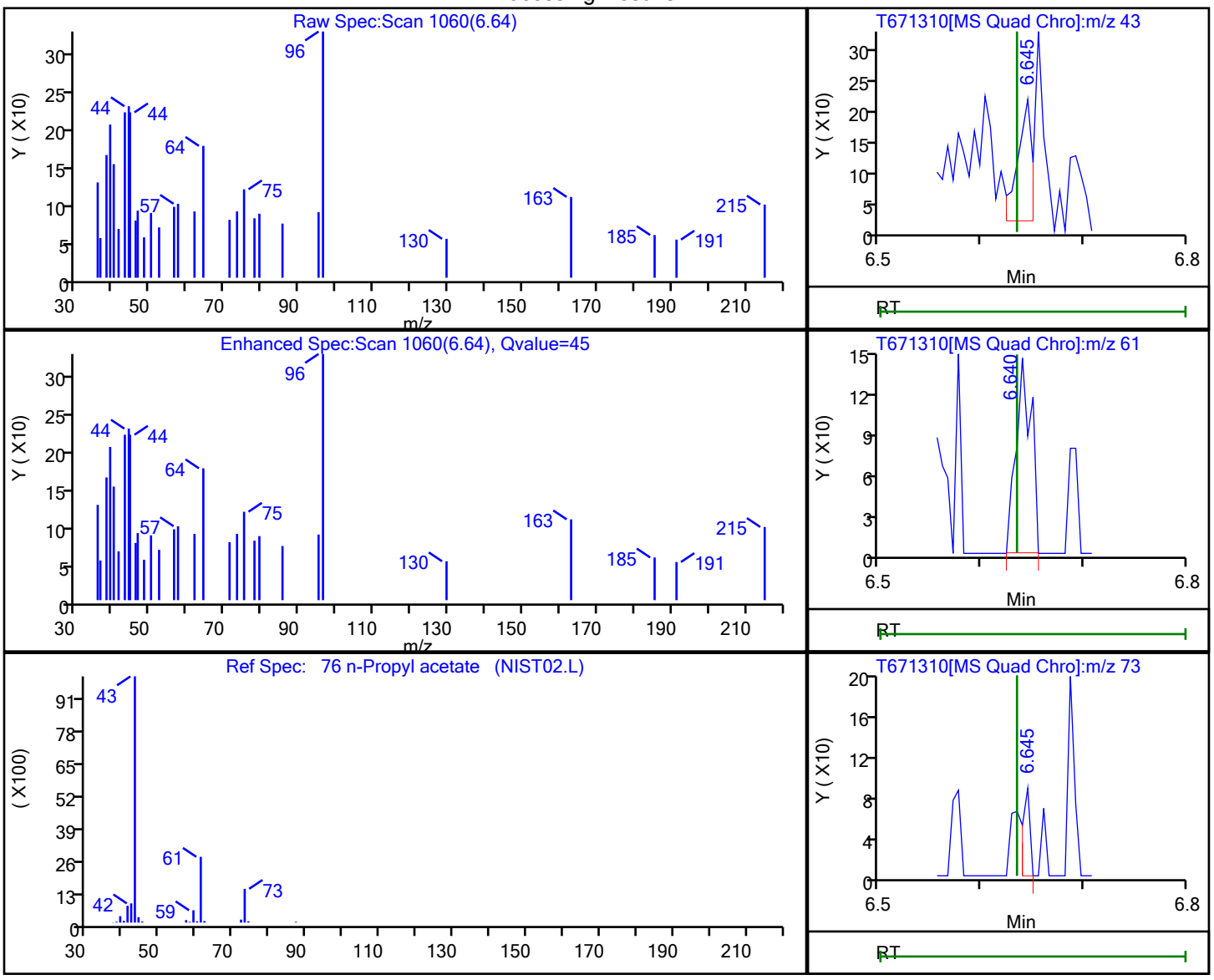
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
6.64	43.00	199	0.059926
6.64	61.00	152	
6.64	73.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:07 -04:00:00 (UTC)
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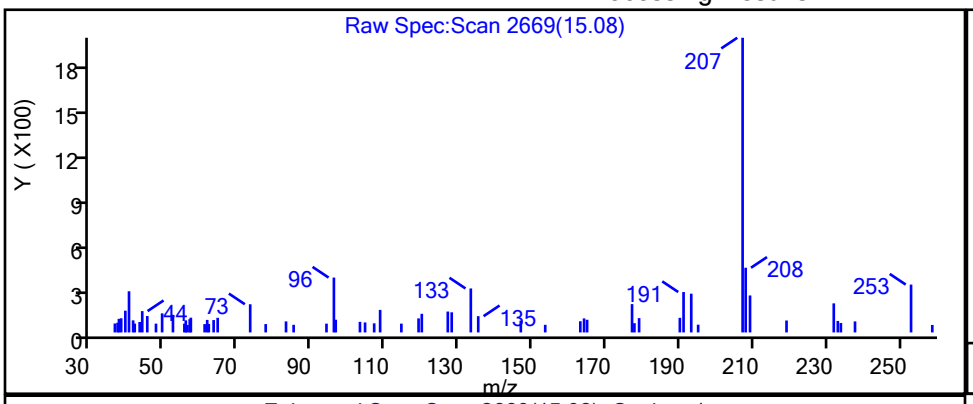
User Disabled Compound Report

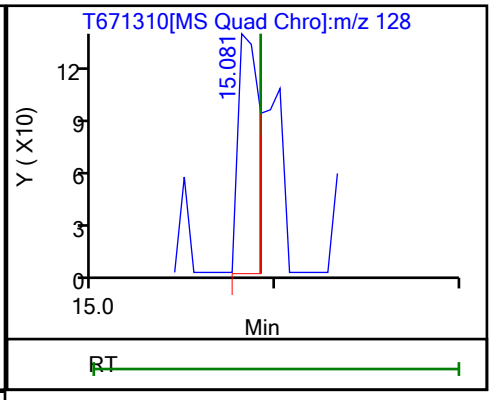
Eurofins Edison

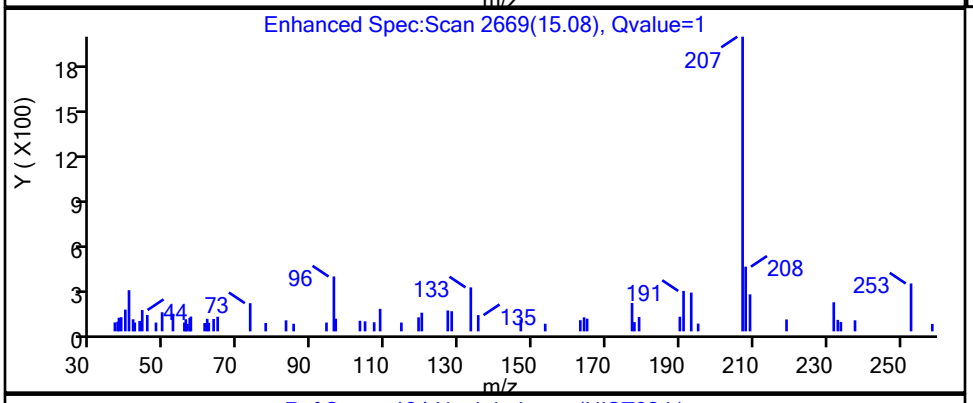
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Injection Date:	27-Oct-2023 12:09:48	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

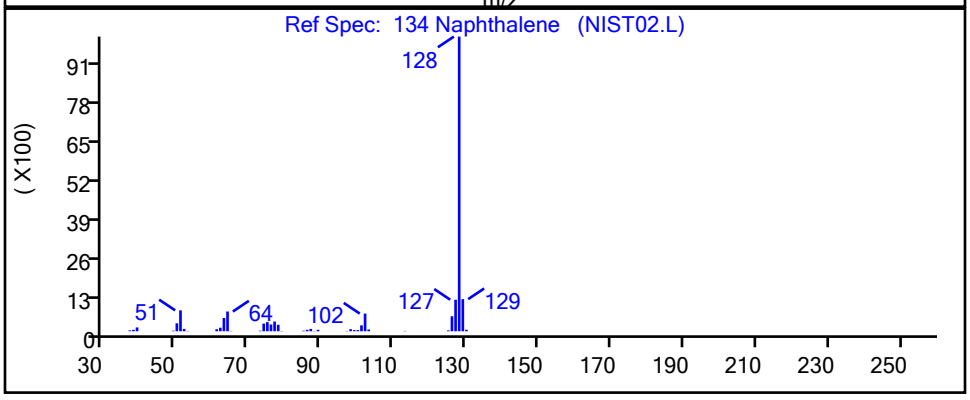
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.08	128.00	111	0.011151

Reviewer: W9CM, 27-Oct-2023 13:22:01 -04:00:00 (UTC)

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

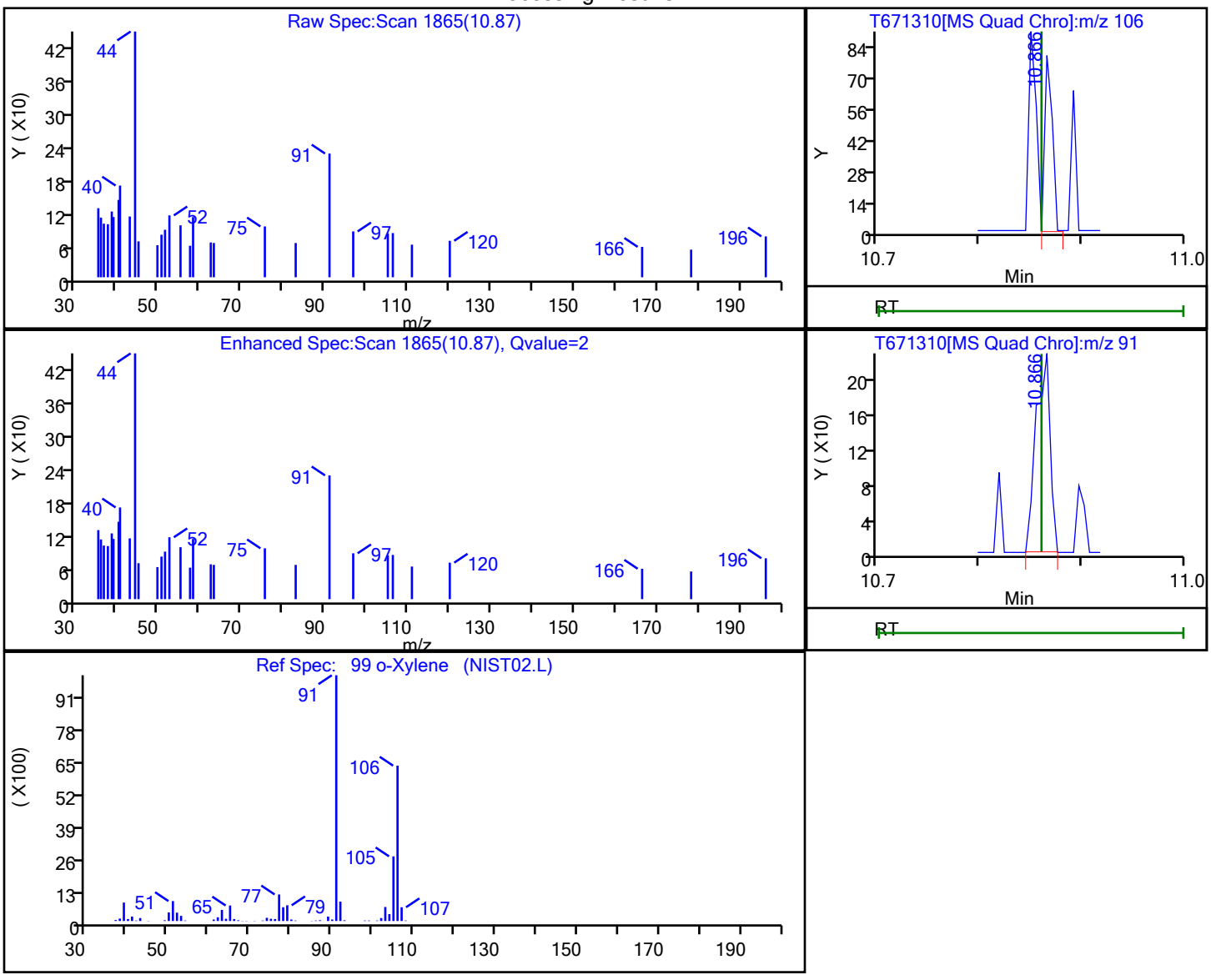
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
10.87	106.00	41	0.003568
10.87	91.00	215	

Reviewer: W9CM, 27-Oct-2023 13:21:32 -04:00:00 (UTC)
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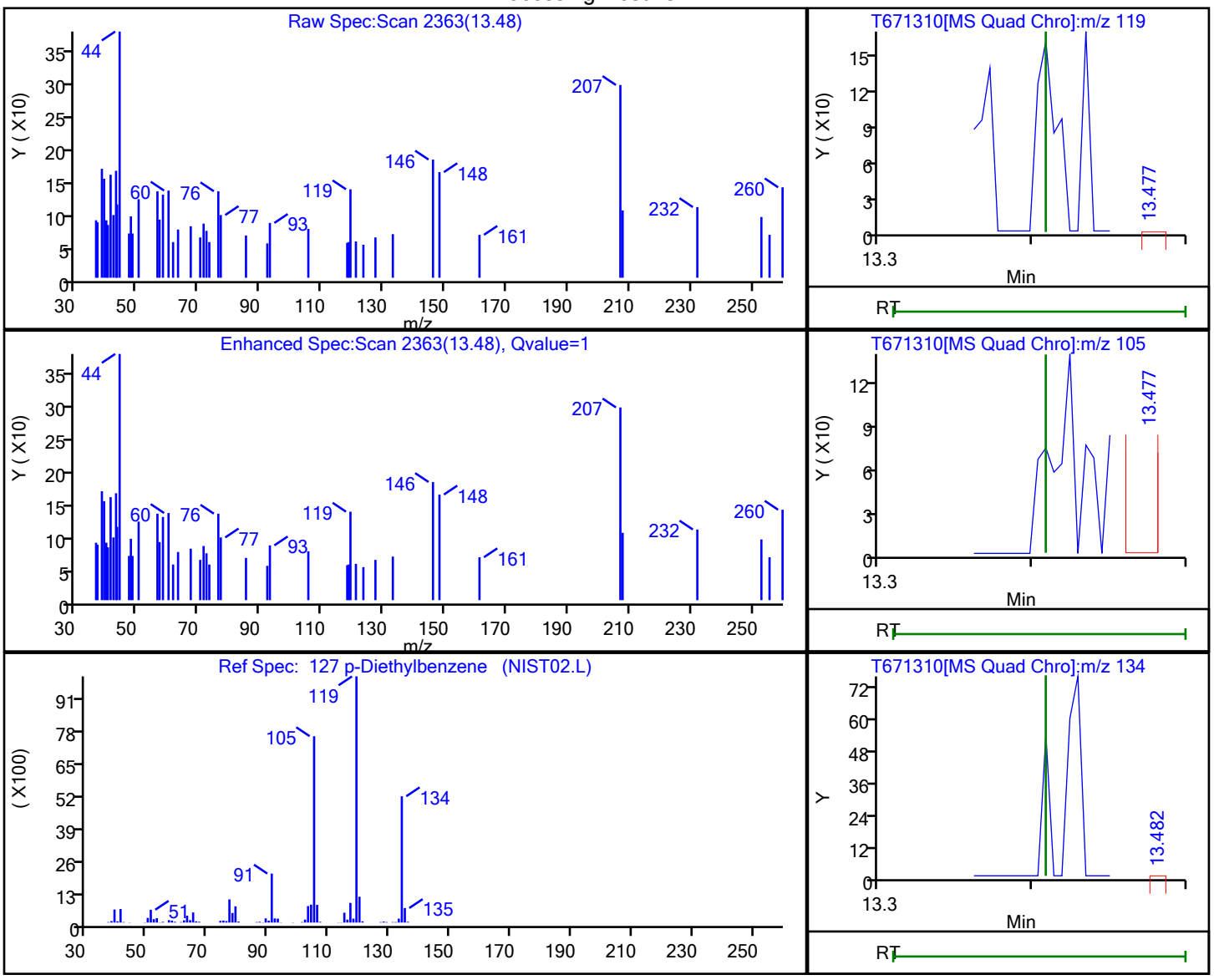
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.48	119.00	63	0.008605
13.48	105.00	46	
13.48	134.00	42	

Reviewer: W9CM, 27-Oct-2023 13:21:54 -04:00:00 (UTC)
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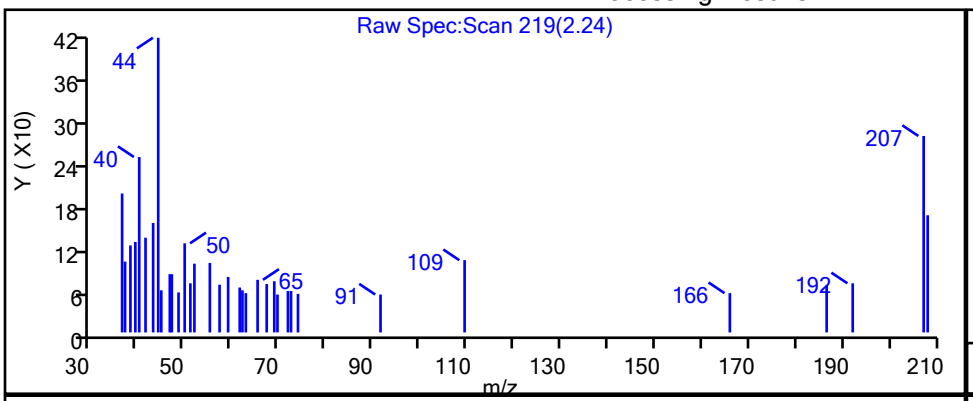
User Disabled Compound Report

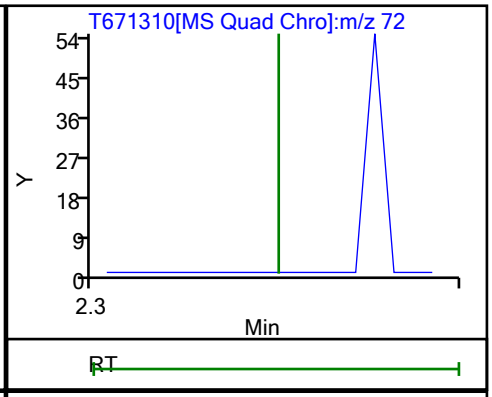
Eurofins Edison

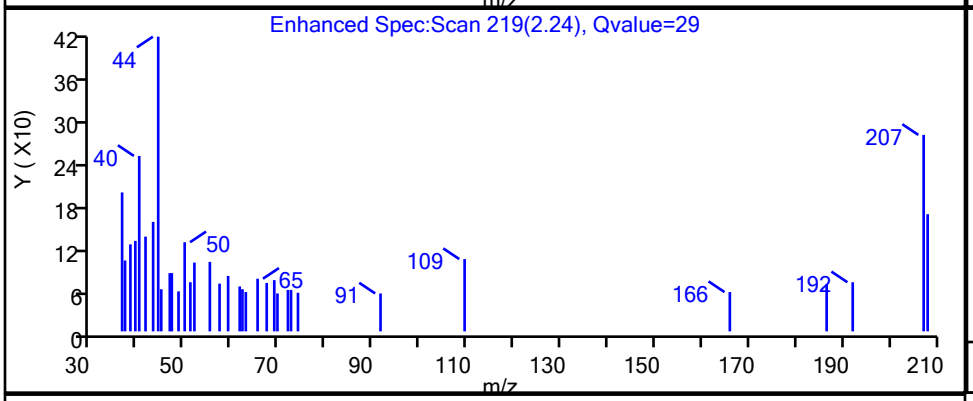
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

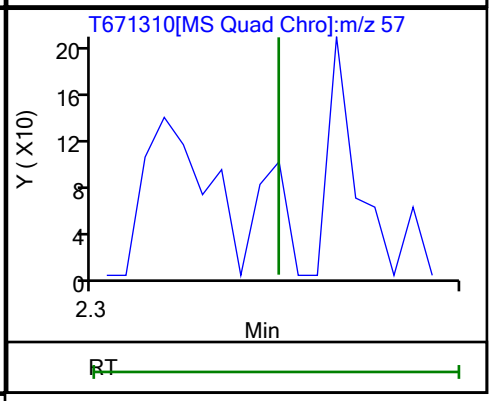
13 Pentane, CAS: 109-66-0

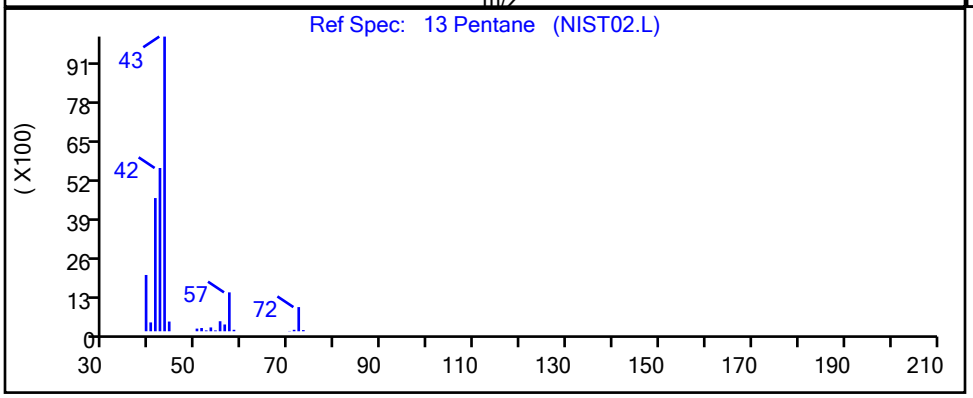
Processing Results











RT	Mass	Response	Amount
2.24	72.00	54	0.824682
2.24	57.00	41	

Reviewer: W9CM, 27-Oct-2023 13:19:54 -04:00:00 (UTC)
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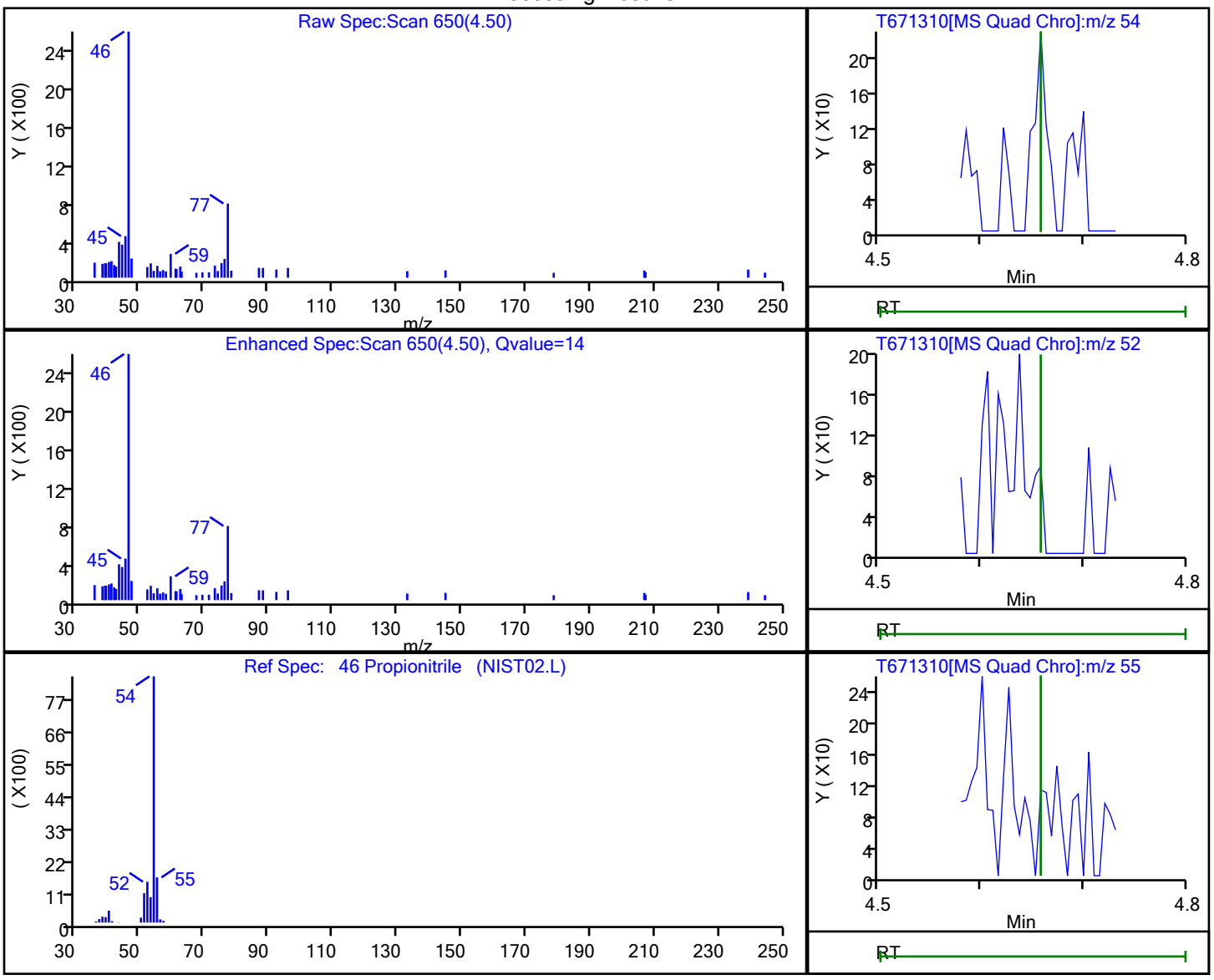
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.50	54.00	62	0.141176
4.50	52.00	70	
4.50	55.00	96	

Reviewer: W9CM, 27-Oct-2023 13:20:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

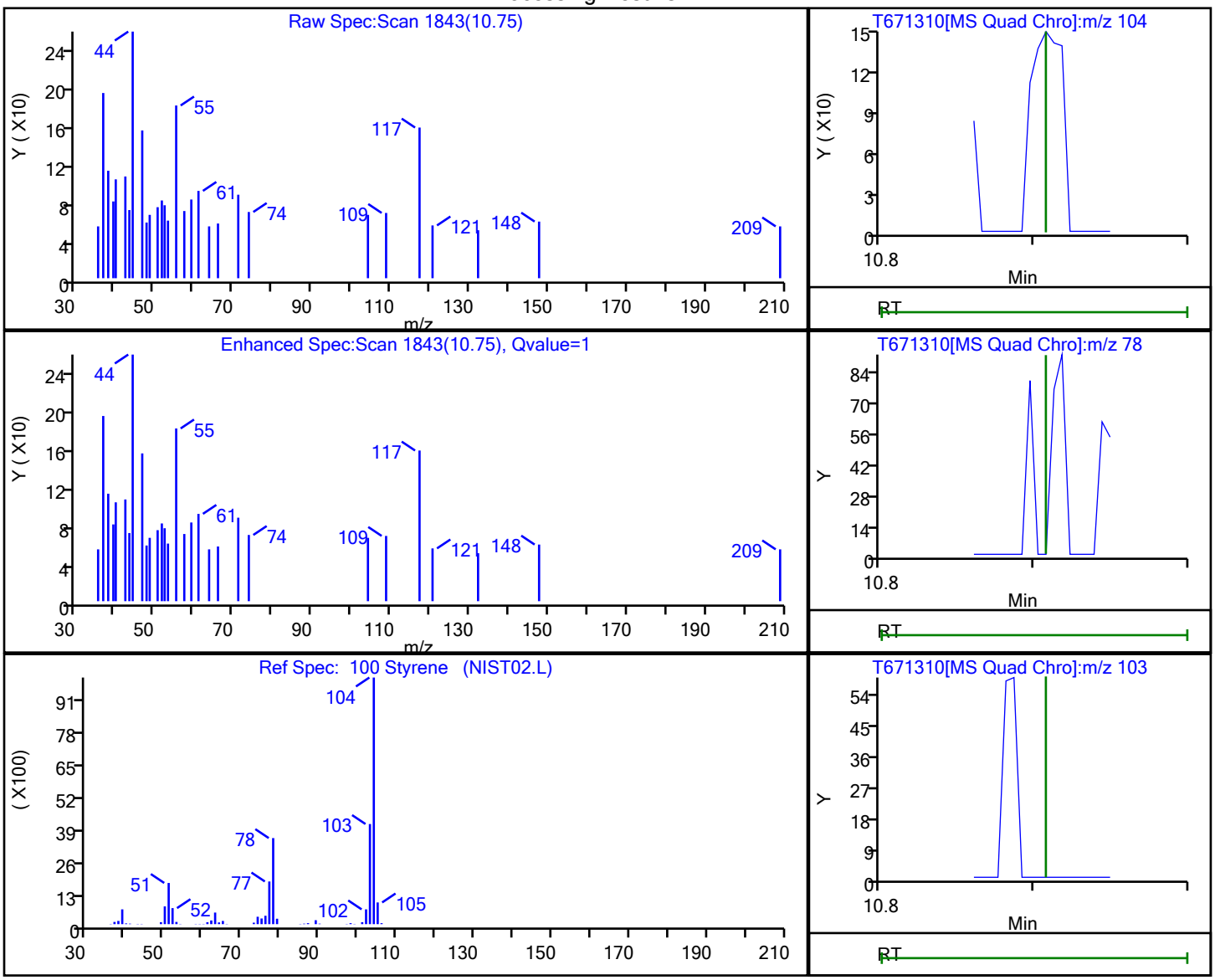
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
10.75	104.00	38	0.003639
10.74	78.00	37	
10.76	103.00	76	

Reviewer: W9CM, 27-Oct-2023 13:21:35 -04:00:00 (UTC)
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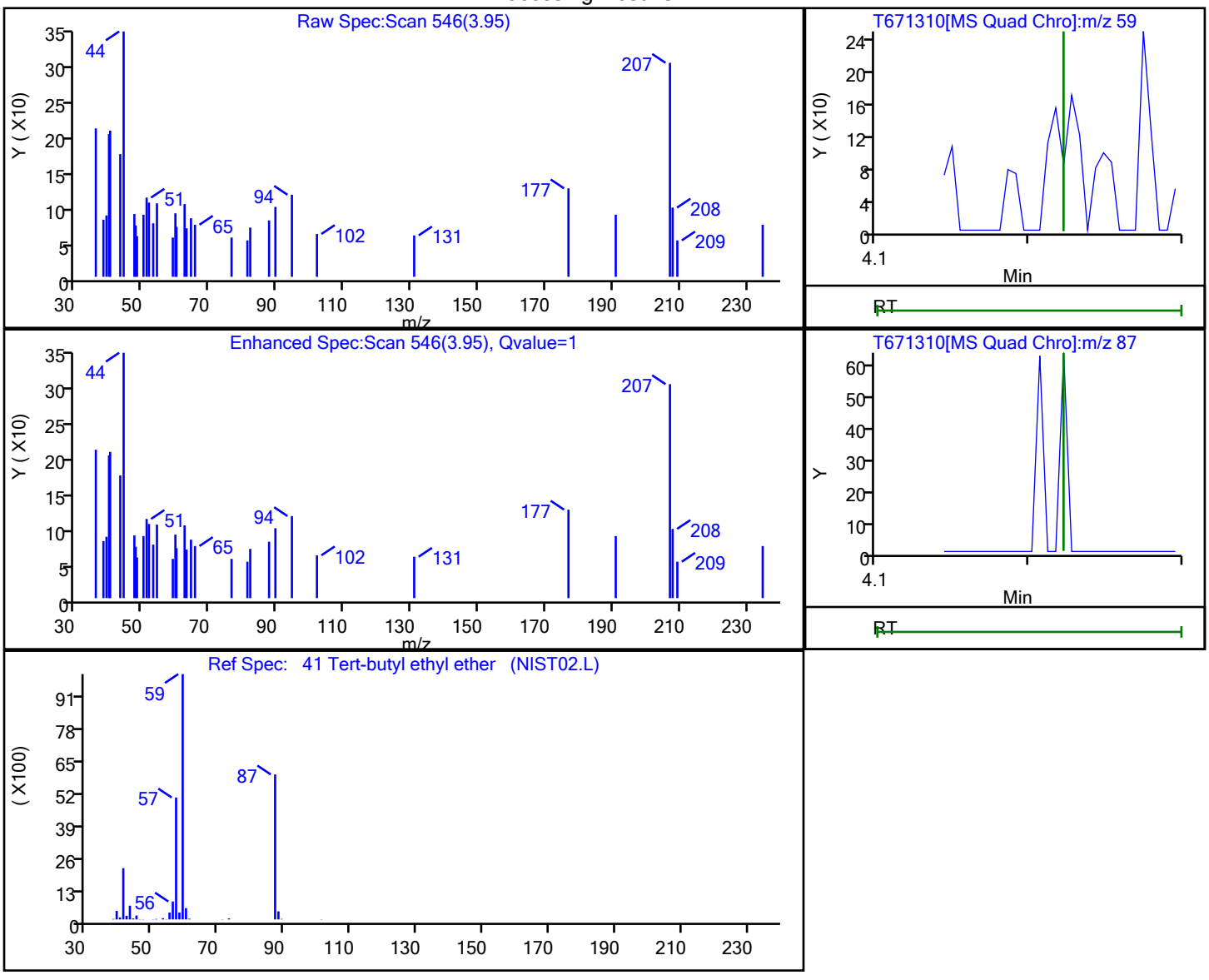
User Disabled Compound Report

Eurofins Edison

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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.95	59.00	116	0.009561
3.96	87.00	50	

Reviewer: W9CM, 27-Oct-2023 13:20:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

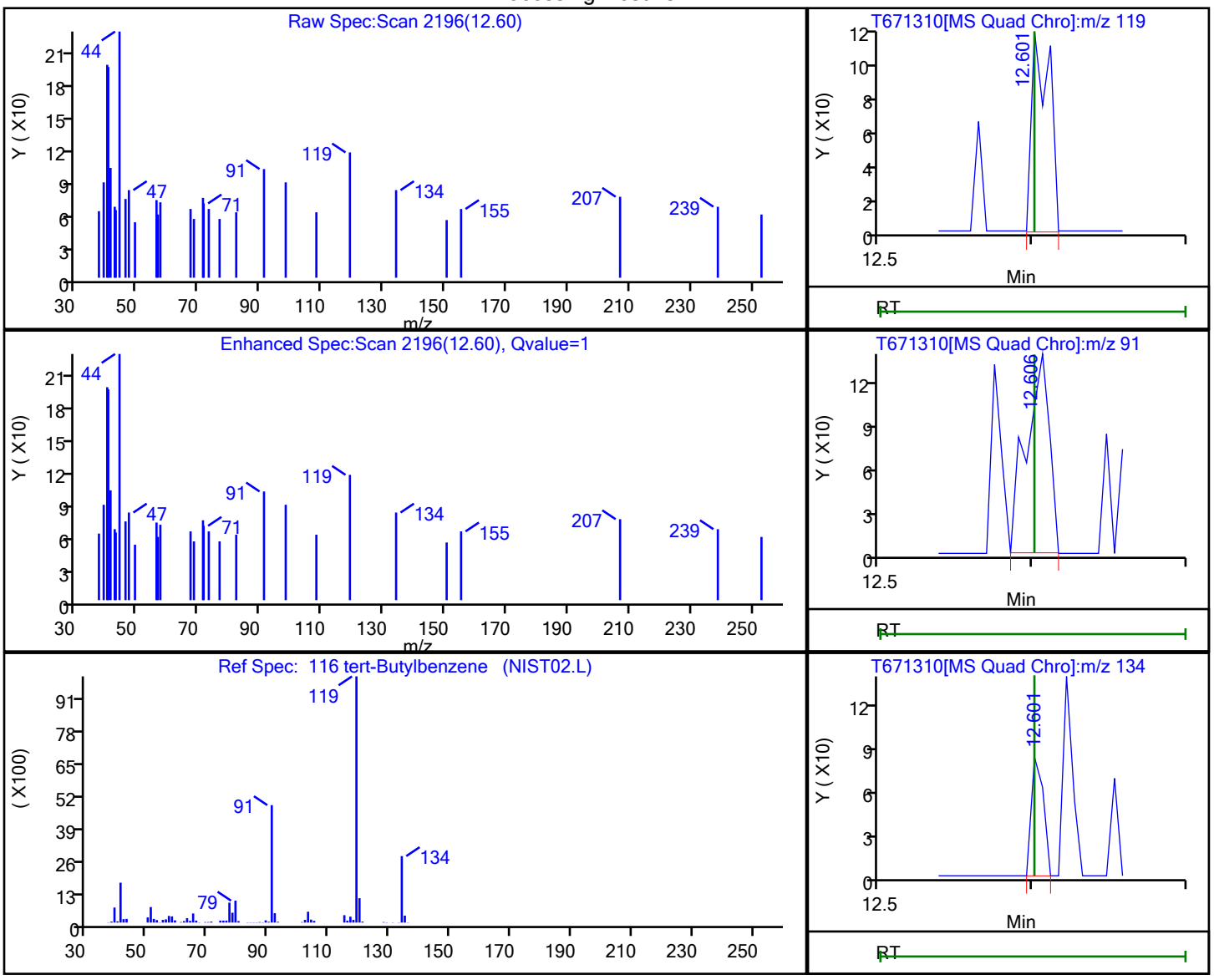
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
12.60	119.00	91	0.008383
12.61	91.00	139	
12.60	134.00	43	

Reviewer: W9CM, 27-Oct-2023 13:21:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

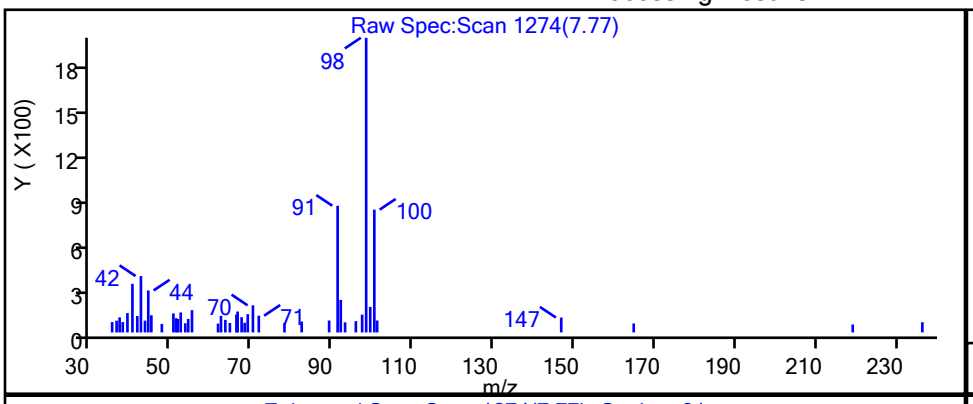
User Disabled Compound Report

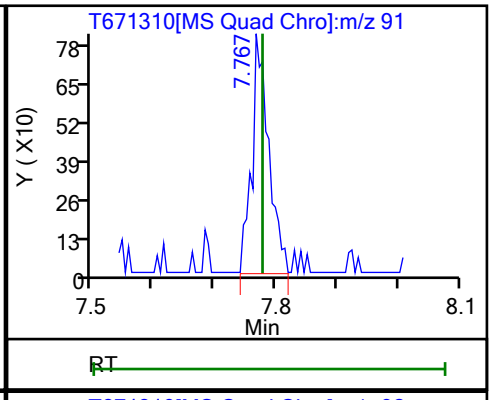
Eurofins Edison

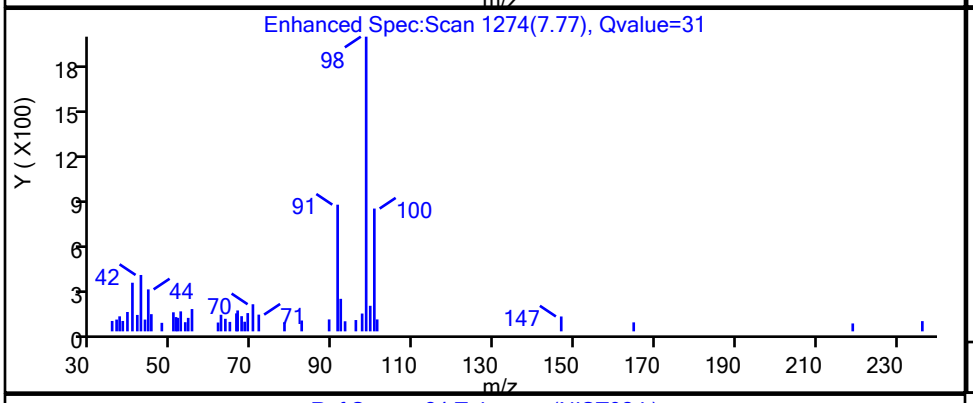
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

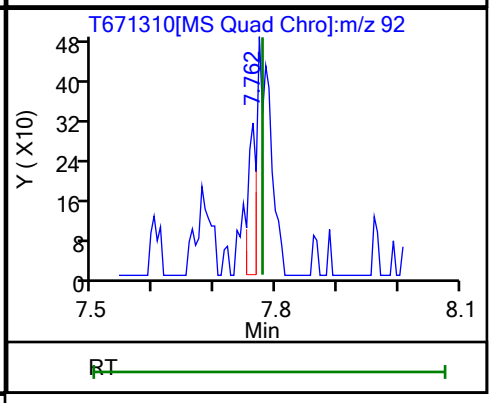
84 Toluene, CAS: 108-88-3

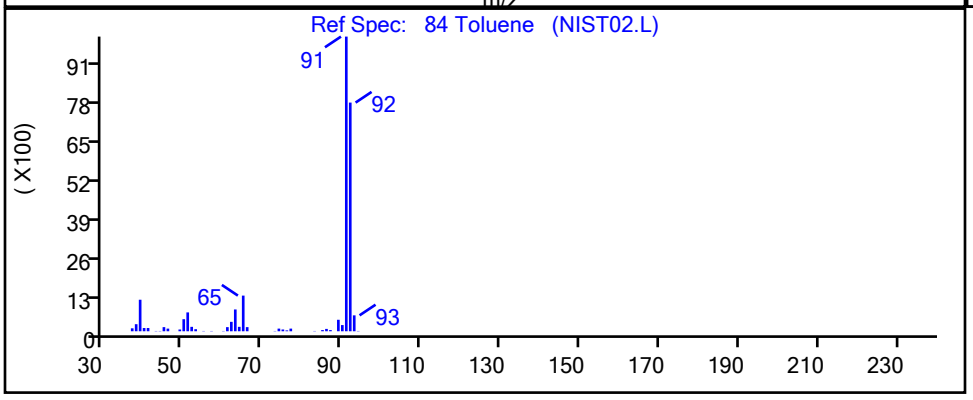
Processing Results











RT	Mass	Response	Amount
7.77	91.00	1559	0.106048
7.76	92.00	274	

Reviewer: W9CM, 27-Oct-2023 13:21:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

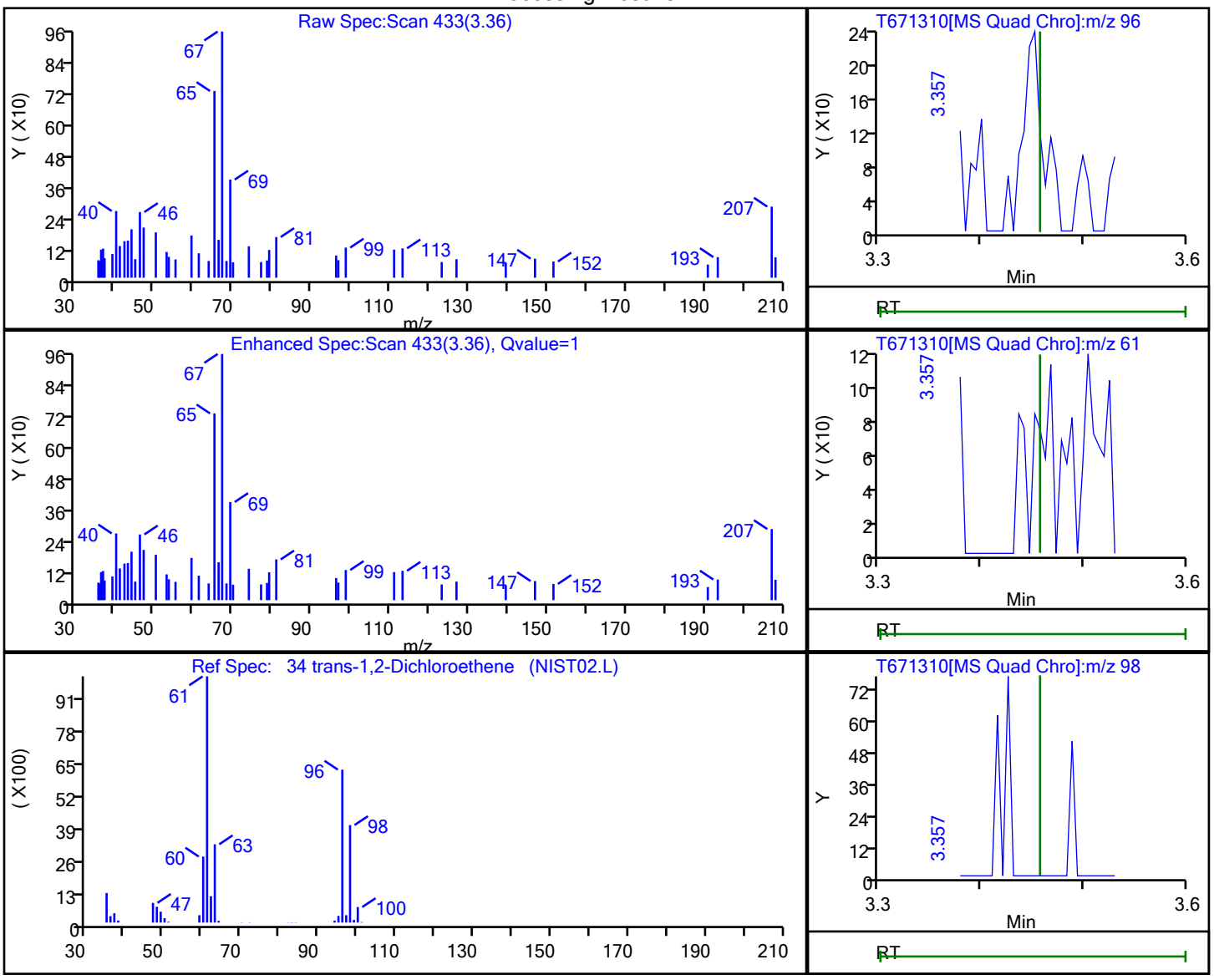
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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

Processing Results



RT	Mass	Response	Amount
3.36	96.00	118	0.019097
3.36	61.00	48	
3.36	98.00	81	

Reviewer: W9CM, 27-Oct-2023 13:20:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

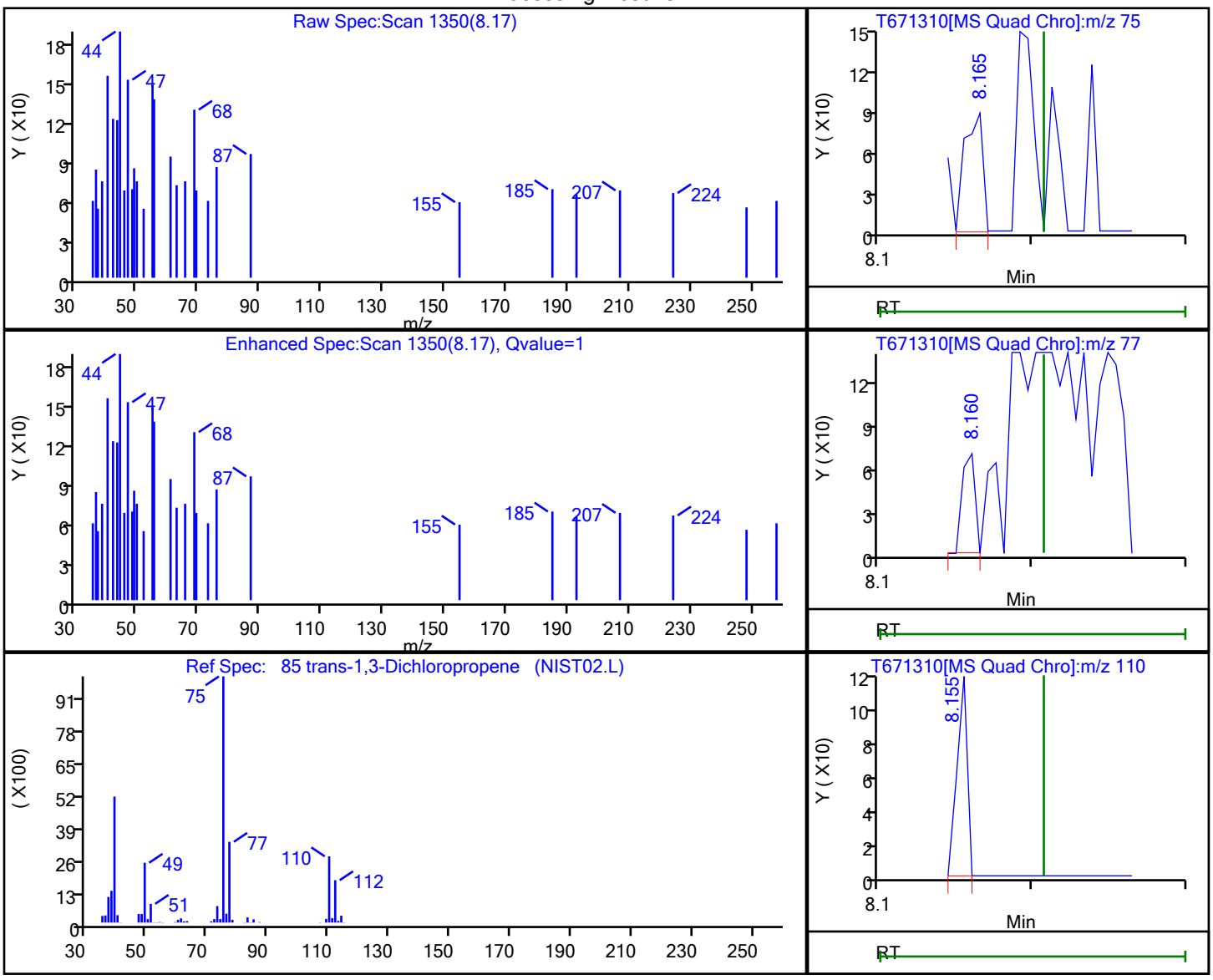
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
8.17	75.00	70	0.008147
8.16	77.00	39	
8.15	110.00	55	

Reviewer: W9CM, 27-Oct-2023 13:21:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

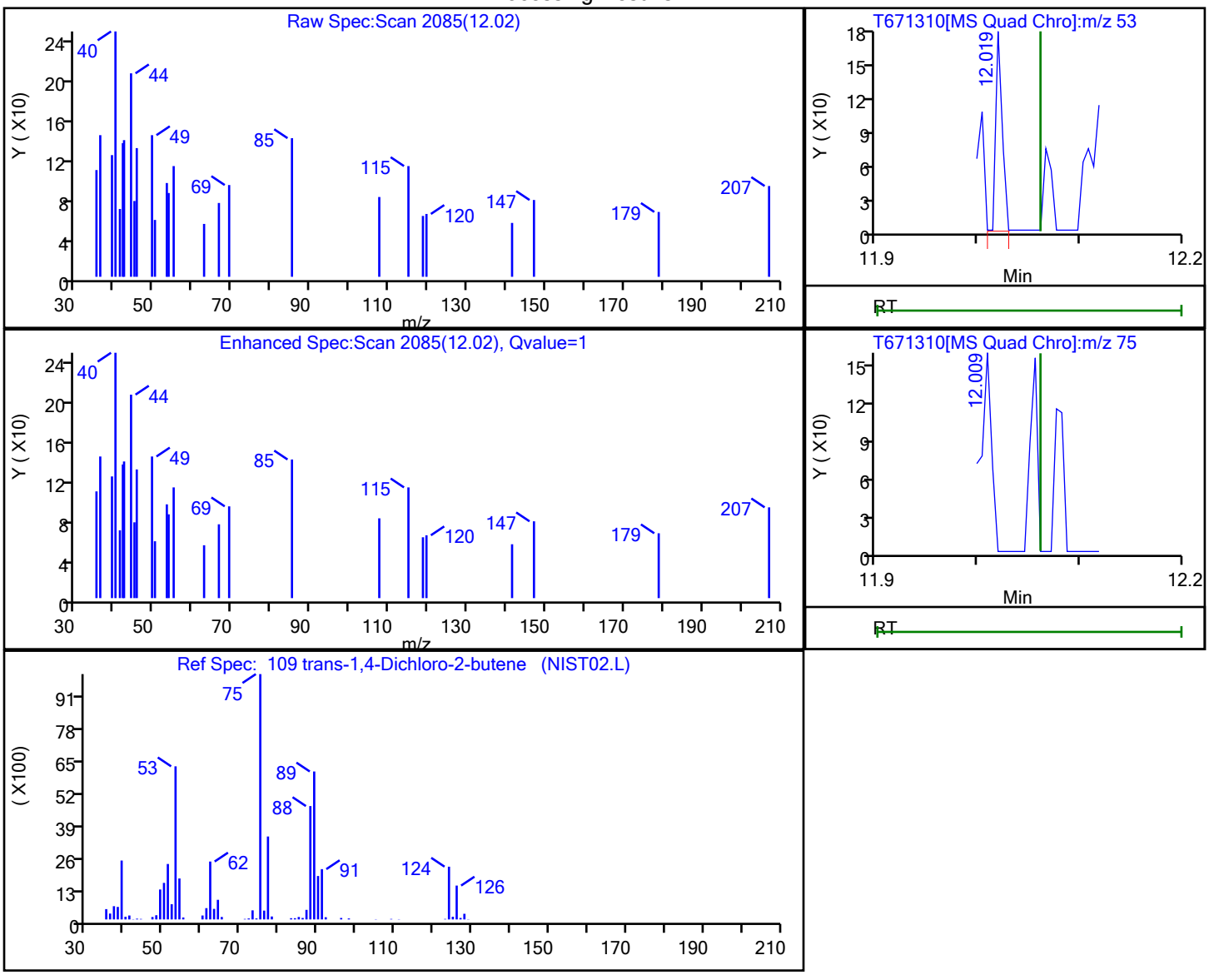
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
12.02	53.00	78	0.061747
12.01	75.00	115	

Reviewer: W9CM, 27-Oct-2023 13:21:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

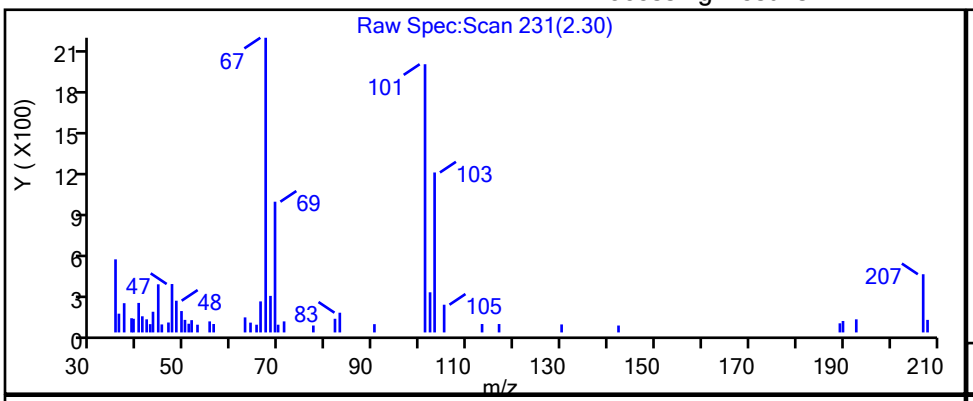
User Disabled Compound Report

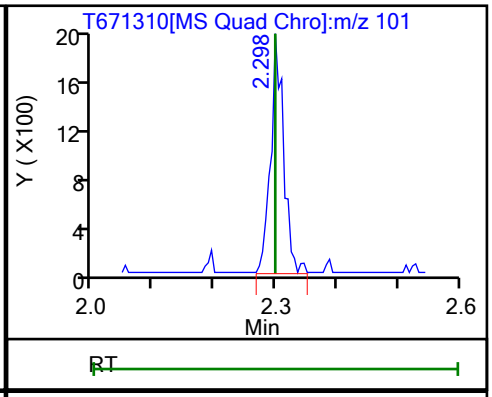
Eurofins Edison

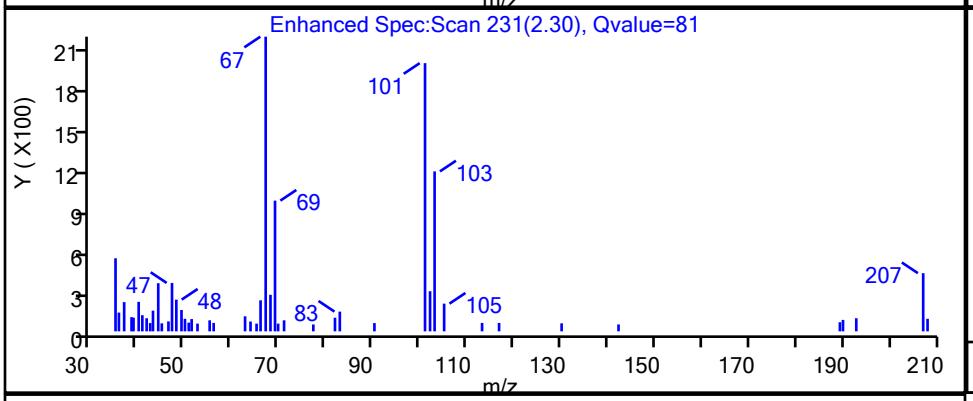
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Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

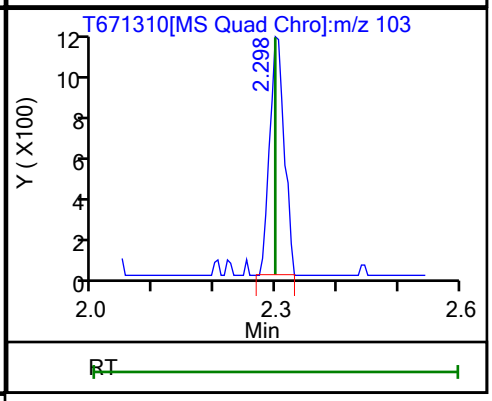
12 Trichlorofluoromethane, CAS: 75-69-4

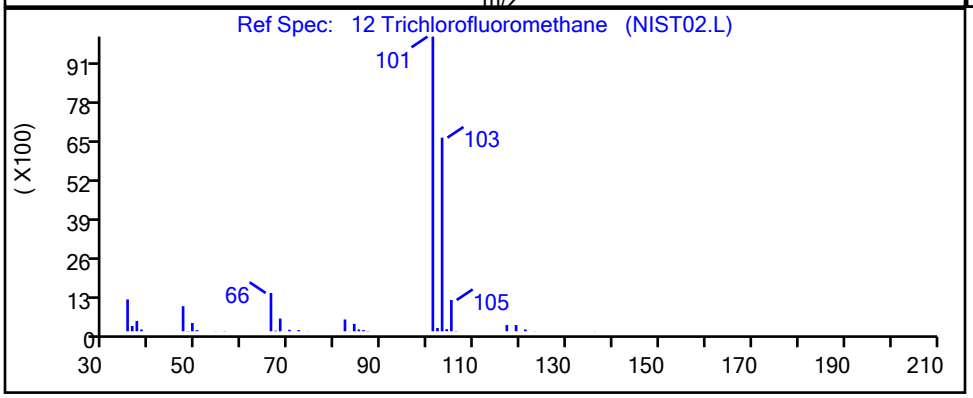
Processing Results











RT	Mass	Response	Amount
2.30	101.00	2856	0.250000
2.30	103.00	1931	

Reviewer: W9CM, 27-Oct-2023 13:19:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

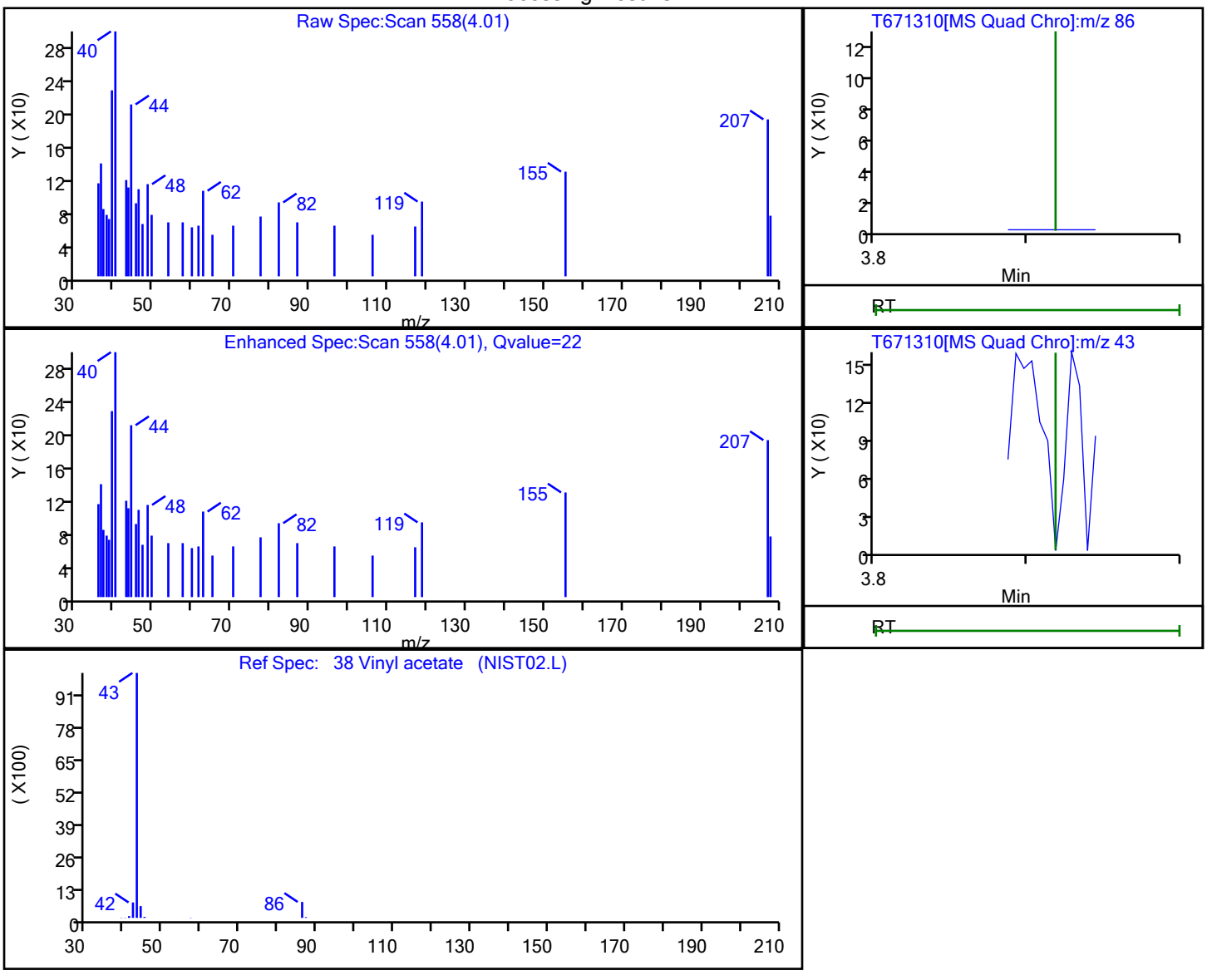
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

38 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
4.01	86.00	20	0.037671
4.02	43.00	225	

Reviewer: W9CM, 27-Oct-2023 13:20:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

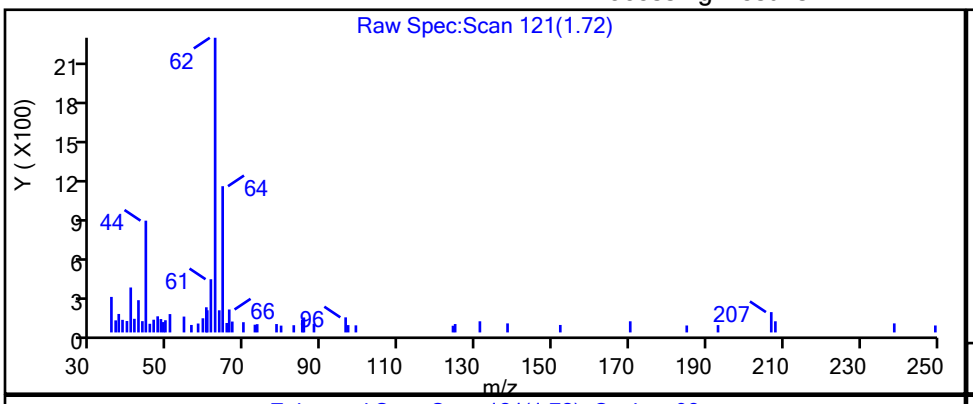
User Disabled Compound Report

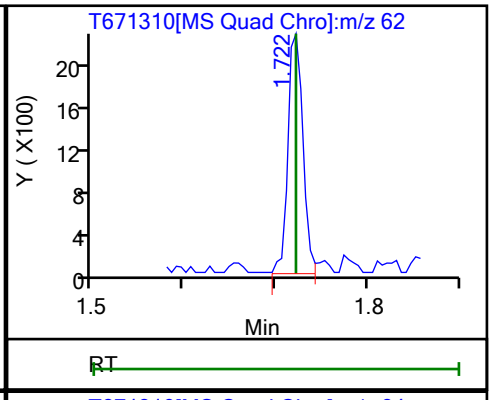
Eurofins Edison

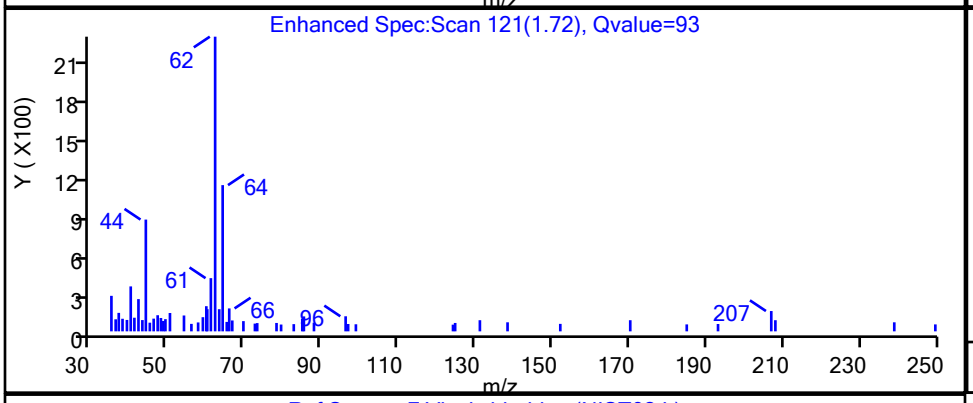
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671310.D
Injection Date: 27-Oct-2023 12:09:48 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

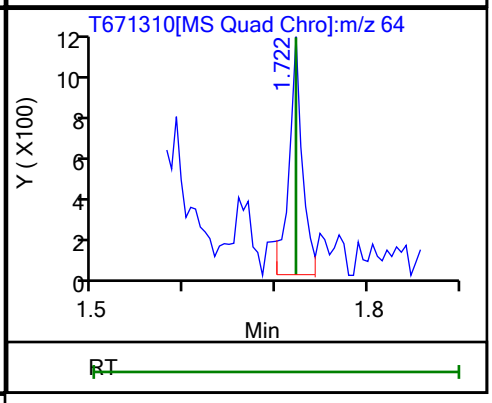
7 Vinyl chloride, CAS: 75-01-4

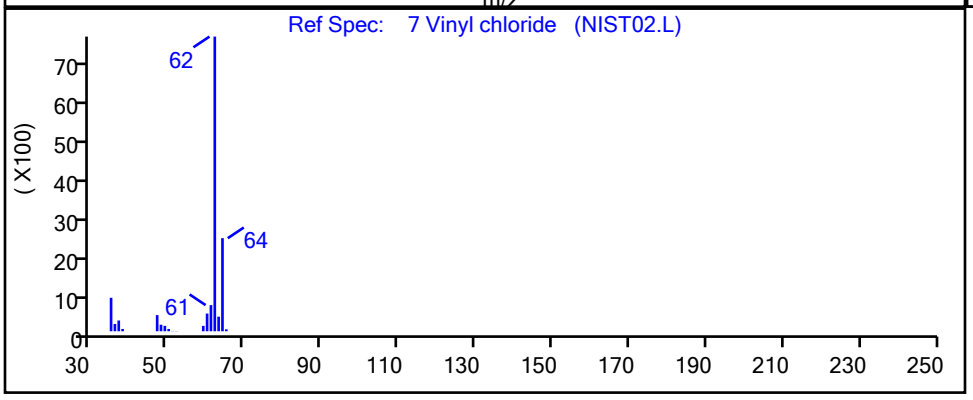
Processing Results











RT	Mass	Response	Amount
1.72	62.00	2549	0.250000
1.72	64.00	1132	

Reviewer: W9CM, 27-Oct-2023 13:19:21 -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\CVOAMS15\20231027-167990.b\T671312.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Oct-2023 12:54:58 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0167990-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:43:47 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: PUV6 Date: 27-Oct-2023 15:32:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	20	342	1.00	1.76	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	90	1335	1.00	1.48	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	91	1681	1.00	1.02	
4 Dichlorodifluoromethane	85	1.454	1.449	0.005	85	4417	1.00	0.9573	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	76	751	1.00	1.15	
6 Chloromethane	50	1.627	1.632	-0.005	97	4649	1.00	1.03	
7 Vinyl chloride	62	1.722	1.721	0.001	76	5769	1.00	1.01	
8 Butadiene	54	1.748	1.748	0.000	90	5755	1.00	0.8742	
9 Bromomethane	94	2.026	2.020	0.006	93	4108	1.00	1.15	
10 Chloroethane	64	2.110	2.109	0.001	89	2869	1.00	1.01	
11 Dichlorofluoromethane	67	2.298	2.293	0.005	86	7204	1.00	0.9289	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	91	6360	1.00	0.9709	
13 Pentane	72	2.351	2.351	0.000	88	906	2.00	2.15	
14 Ethanol	46	2.513	2.513	0.000	90	440	40.0	29.9	
15 Ethyl ether	59	2.555	2.555	0.000	82	3276	1.00	1.20	
17 2-Methyl-1,3-butadiene	53	2.581	2.576	0.005	87	2395	1.00	0.9666	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	83	3600	1.00	0.99	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.665	-0.005	92	5637	1.00	0.9882	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.733	0.001	83	3520	1.00	0.9802	
19 Acrolein	56	2.739	2.733	0.006	90	2224	4.00	4.05	
20 1,1-Dichloroethene	96	2.781	2.770	0.011	77	3529	1.00	1.13	a
22 Acetone	43	2.870	2.870	0.000	84	4258	5.00	5.32	
23 Iodomethane	142	2.933	2.933	0.000	95	2740	1.00	1.02	
24 Carbon disulfide	76	2.964	2.964	0.000	99	7055	1.00	1.05	
25 Isopropyl alcohol	45	2.969	2.964	0.005	33	1784	10.0	10.7	M
27 3-Chloro-1-propene	76	3.116	3.116	0.000	81	2036	1.00	1.01	
28 Methyl acetate	43	3.132	3.132	0.000	81	4145	2.00	2.01	
29 Cyclopentene	67	3.132	3.132	0.000	87	5358	1.00	0.9837	
26 Acetonitrile	41	3.184	3.190	-0.006	94	3168	10.0	9.76	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	97	34889	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	3.253	3.252	0.001	32	4171	1.00	1.03	
32 2-Methyl-2-propanol	59	3.316	3.315	0.001	85	3601	10.0	12.0	
35 Methyl tert-butyl ether	73	3.426	3.431	-0.005	92	8135	1.00	0.8808	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	79	3987	1.00	1.09	
33 Acrylonitrile	53	3.541	3.536	0.005	85	10318	10.0	9.32	M
36 Hexane	57	3.625	3.635	-0.010	86	2793	1.00	0.99	
40 Isopropyl ether	45	3.877	3.866	0.010	97	9146	1.00	0.9576	a
37 1,1-Dichloroethane	63	3.903	3.897	0.006	95	6437	1.00	1.02	
38 Vinyl acetate	86	3.913	3.918	-0.005	98	1070	2.00	1.71	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	83	2963	1.00	0.9465	
41 Tert-butyl ethyl ether	59	4.228	4.222	0.006	82	7856	1.00	0.8733	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	67	244521	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	46	1785	1.00	1.17	M
43 cis-1,2-Dichloroethene	96	4.490	4.485	0.005	73	4601	1.00	1.01	
45 2-Butanone (MEK)	72	4.511	4.506	0.005	97	1907	5.00	5.15	
47 Ethyl acetate	70	4.511	4.516	-0.005	94	792	2.00	2.50	
48 Methyl acrylate	55	4.569	4.574	-0.005	78	2329	1.00	0.8882	
46 Propionitrile	54	4.663	4.658	0.005	88	4426	10.0	9.90	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	2204	1.00	0.9483	
51 Tetrahydrofuran	72	4.752	4.742	0.010	46	1233	2.00	1.94	
50 Methacrylonitrile	67	4.778	4.773	0.005	85	12549	10.0	8.58	
52 Chloroform	83	4.805	4.804	0.001	88	6798	1.00	0.9572	
55 Cyclohexane	84	4.936	4.941	-0.005	84	4491	1.00	1.01	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	39	5786	1.00	0.9827	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	174136	50.0	50.4	
56 Carbon tetrachloride	117	5.098	5.098	0.000	95	5317	1.00	1.00	
57 1,1-Dichloropropene	75	5.135	5.140	-0.005	88	4546	1.00	0.9817	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	81	3991	25.0	25.6	M
62 Isooctane	57	5.334	5.339	-0.005	92	6689	1.00	0.9410	M
60 Benzene	78	5.371	5.365	0.006	50	14000	1.00	1.00	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.386	0.001	97	153697	50.0	50.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	81	7996	1.00	0.8487	
63 Isopropyl acetate	61	5.449	5.455	-0.006	84	1588	1.00	0.9444	a
61 1,2-Dichloroethane	62	5.470	5.476	-0.006	87	4790	1.00	1.13	
66 n-Heptane	43	5.549	5.554	-0.005	84	2172	1.00	0.9460	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	562411	50.0	50.0	
68 n-Butanol	56	6.084	6.079	0.006	76	1882	25.0	25.7	
67 Trichloroethene	95	6.121	6.120	0.001	88	3855	1.00	0.9660	
70 Methylcyclohexane	83	6.262	6.262	0.000	89	4852	1.00	1.02	
69 Ethyl acrylate	55	6.273	6.273	0.001	92	6171	1.00	0.9306	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	81	3696	1.00	0.9830	
* 73 1,4-Dioxane-d8	96	6.530	6.535	-0.005	1	30708	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.566	-0.005	71	1829	2.00	1.98	
74 1,4-Dioxane	88	6.608	6.603	0.005	55	1885	50.0	44.1	
72 Dibromomethane	93	6.608	6.608	0.000	86	2660	1.00	1.01	
76 n-Propyl acetate	43	6.640	6.634	0.006	91	3166	1.00	0.8704	
77 Dichlorobromomethane	83	6.797	6.792	0.005	91	5198	1.00	0.9776	
78 2-Nitropropane	41	7.201	7.201	0.000	96	1223	2.00	1.80	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	71	456	1.00	0.9764	
80 Epichlorohydrin	57	7.332	7.326	0.006	92	5469	20.0	20.6	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	72	6124	1.00	0.9830	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	92	10384	5.00	4.62	

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	7.683	7.683	0.000	98	588344	50.0	50.7	
84 Toluene	91	7.777	7.777	0.000	91	16913	1.00	1.06	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	85	4888	1.00	0.9043	
86 Ethyl methacrylate	69	8.260	8.254	0.006	71	3734	1.00	0.9673	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	87	2685	1.00	0.9071	
88 Tetrachloroethene	166	8.501	8.506	-0.005	82	4570	1.00	1.00	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	82	5359	1.00	0.9838	
90 2-Hexanone	43	8.805	8.810	-0.005	94	7754	5.00	4.93	
93 n-Butyl acetate	43	8.968	8.957	0.011	88	4240	1.00	1.08	a
91 Chlorodibromomethane	129	8.994	8.983	0.011	78	3972	1.00	0.9113	M
92 Ethylene Dibromide	107	9.177	9.167	0.010	72	3589	1.00	0.9860	M
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	464626	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	91	10284	1.00	0.9380	
97 Ethylbenzene	106	10.016	10.021	-0.005	95	5767	1.00	0.9819	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.037	0.000	51	4274	1.00	0.9764	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	95	6831	1.00	0.99	
99 o-Xylene	106	10.855	10.860	-0.005	89	6703	1.00	0.9633	M
101 n-Butyl acrylate	73	10.881	10.871	0.010	88	2478	1.00	0.9615	
100 Styrene	104	10.908	10.907	0.001	95	10072	1.00	0.8799	
102 Bromoform	173	11.227	11.222	0.005	66	2968	1.00	0.9705	
103 Amyl acetate (mixed isomers)	43	11.254	11.248	0.006	80	4307	1.00	0.9602	
104 Isopropylbenzene	105	11.427	11.432	-0.005	95	15973	1.00	0.9461	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	97	216926	50.0	52.2	
106 Bromobenzene	156	11.878	11.877	0.001	83	4688	1.00	0.9082	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.967	0.005	85	4041	1.00	0.9655	
110 N-Propylbenzene	91	11.998	11.998	0.000	98	19410	1.00	0.9491	
108 1,2,3-Trichloropropane	110	12.014	12.024	-0.010	56	1459	1.00	1.10	M
109 trans-1,4-Dichloro-2-butene	53	12.056	12.061	-0.005	74	843	1.00	0.9860	
111 2-Chlorotoluene	91	12.129	12.124	0.005	95	12275	1.00	0.9133	
112 4-Ethyltoluene	105	12.155	12.155	0.000	97	15781	1.00	0.9284	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	88	12250	1.00	0.8894	
113 4-Chlorotoluene	91	12.276	12.276	0.000	93	12414	1.00	0.9185	
115 Butyl Methacrylate	87	12.391	12.391	0.000	79	3919	1.00	0.8807	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	11162	1.00	0.9343	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	94	13431	1.00	0.9303	
118 sec-Butylbenzene	105	12.853	12.847	0.006	96	15347	1.00	0.9106	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	93	8057	1.00	0.8911	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	88	12931	1.00	0.8878	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	258131	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	63	7857	1.00	0.8658	
123 1,2,3-Trimethylbenzene	105	13.131	13.130	0.001	96	13096	1.00	0.9214	
124 Benzyl chloride	91	13.262	13.262	0.000	95	6677	1.00	0.8405	
125 2,3-Dihydroindene	117	13.330	13.324	0.006	91	12435	1.00	0.8829	
127 p-Diethylbenzene	119	13.408	13.408	0.000	89	7422	1.00	0.8603	
128 n-Butylbenzene	92	13.429	13.429	0.000	94	6397	1.00	0.9131	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	91	6920	1.00	0.8679	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.142	0.001	94	9746	1.00	0.8500	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	58	862	1.00	0.9391	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	89	4698	1.00	0.9073	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	83	3493	1.00	0.8772	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	42	1991	1.00	1.01	
134 Naphthalene	128	15.092	15.091	0.001	97	5950	1.00	0.7580	

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	15.280	15.280	0.000	73	2287	1.00	0.7999	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.10	
S 137 Xylenes, Total	100				0		2.00	1.95	
S 140 Total BTEX	1				0		5.00	5.00	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.89	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

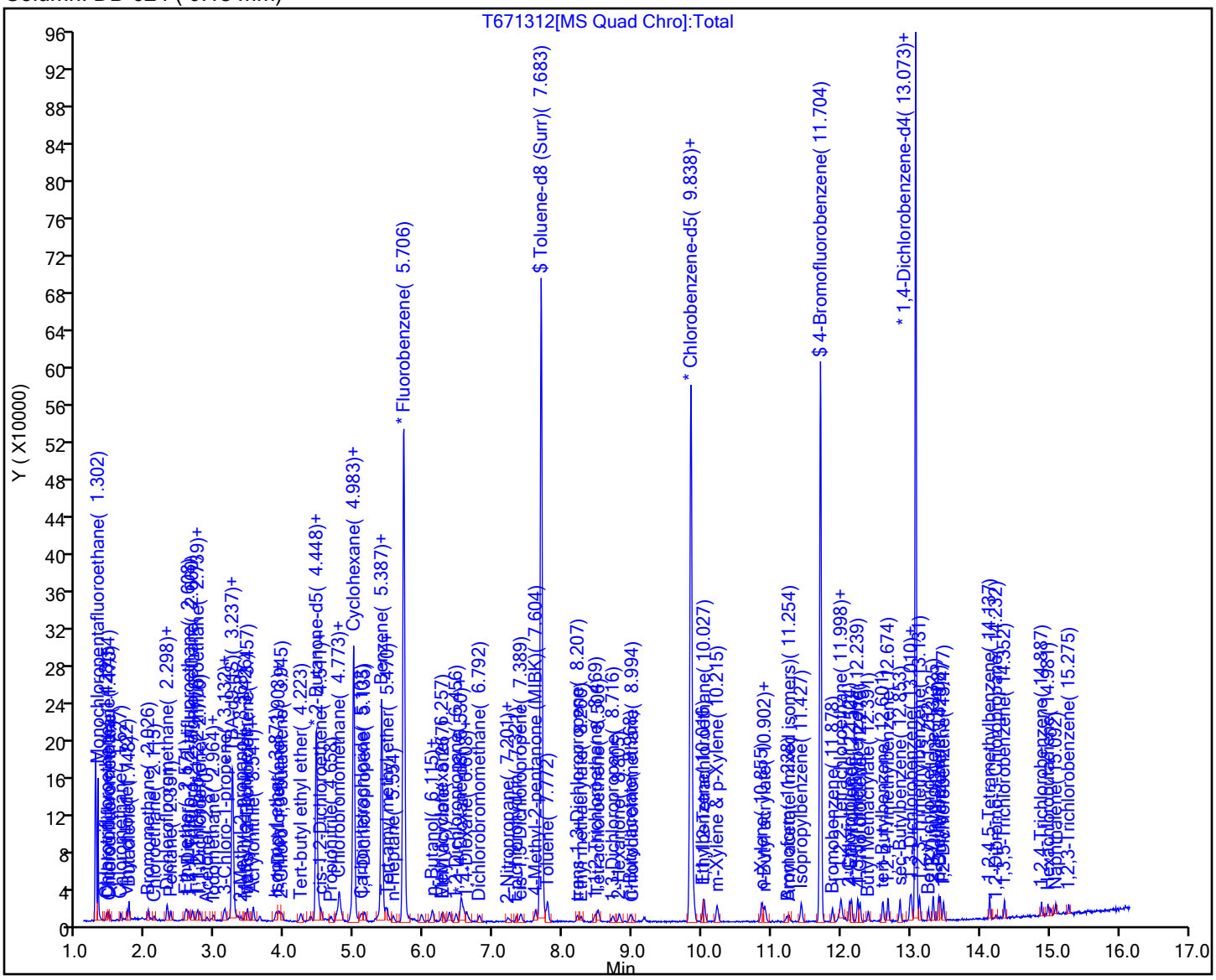
Reagents:

8260MIX1COMB_00177	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 10.00	Units: uL		
ACROLEIN W_00161	Amount Added: 4.00	Units: uL		
524FREONS_00009	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 10.00	Units: uL		
14DIOXINTER_00162	Amount Added: 30.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 28-Oct-2023 10:43:47 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

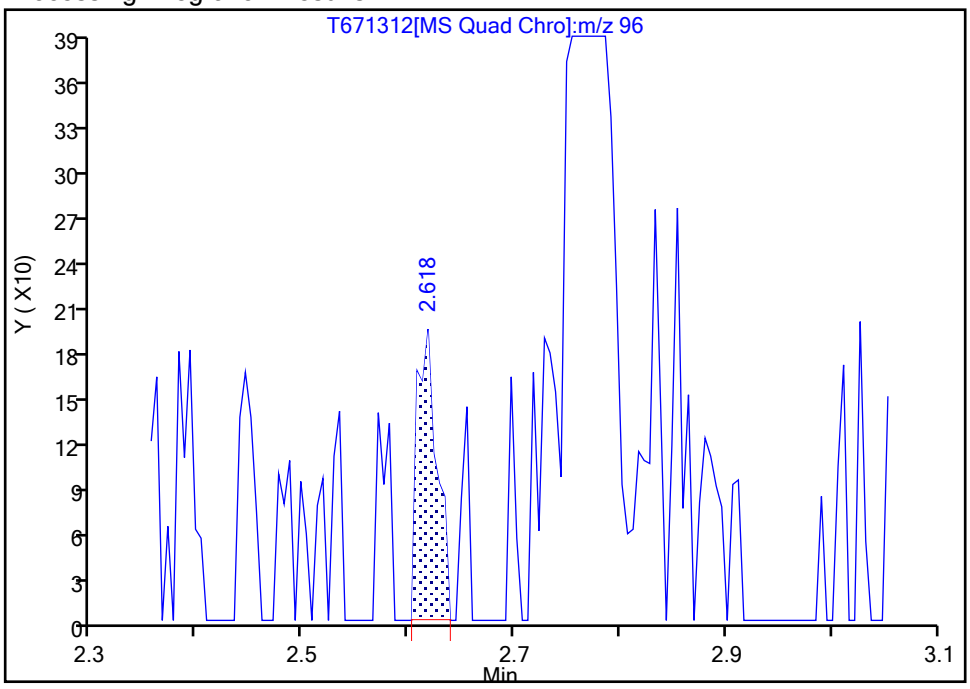
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

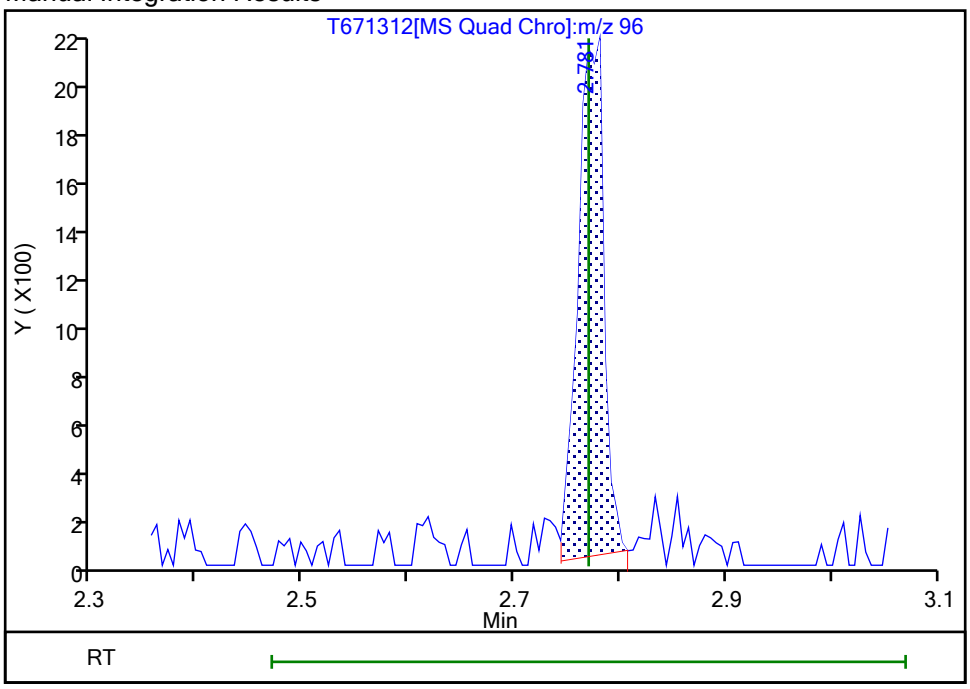
Processing Integration Results

RT: 2.62
Area: 254
Amount: 0.089369
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 3529
Amount: 1.134564
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:31:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

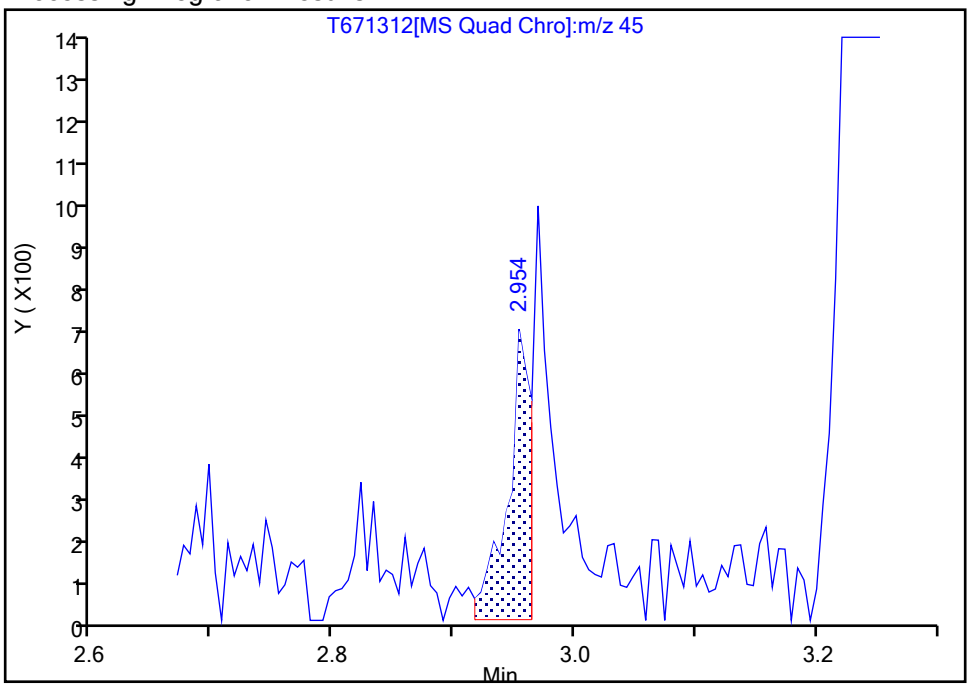
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

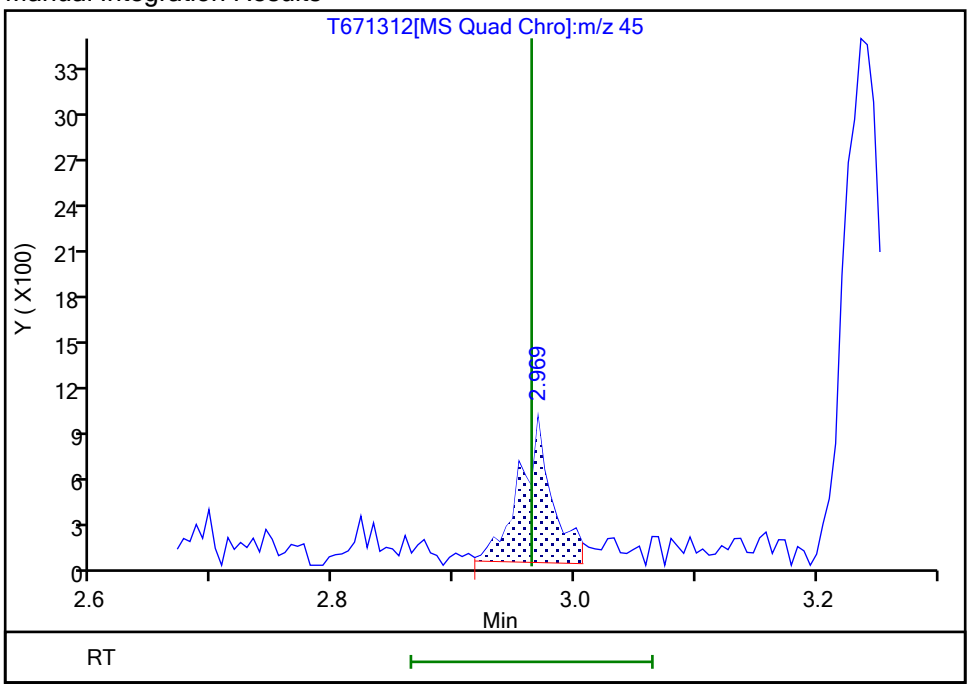
Processing Integration Results

RT: 2.95
Area: 913
Amount: 5.550614
Amount Units: ug/l



Manual Integration Results

RT: 2.97
Area: 1784
Amount: 10.683948
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:32:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

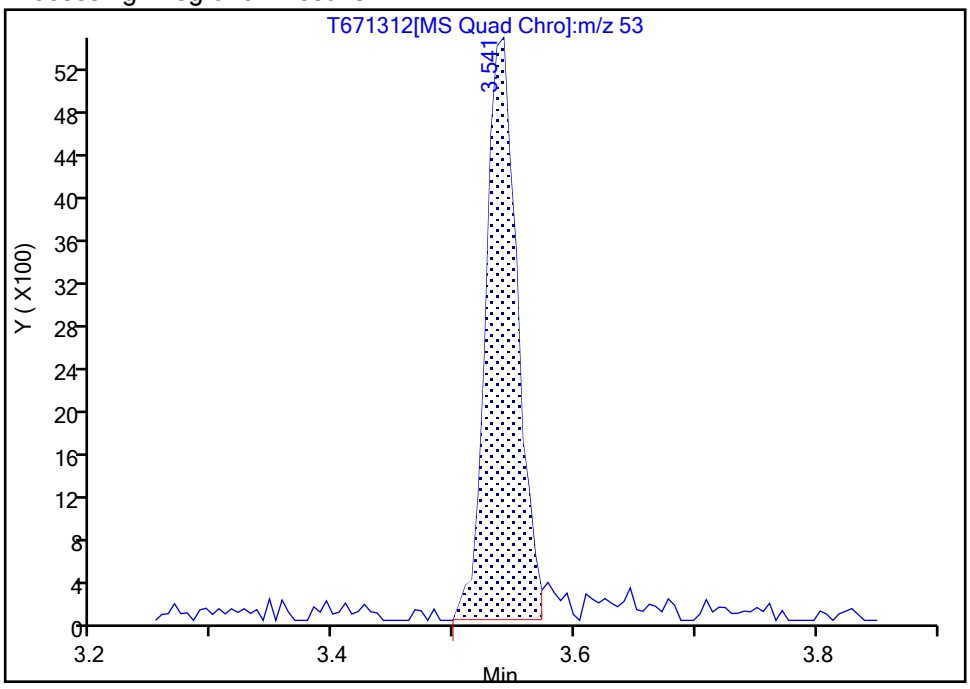
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

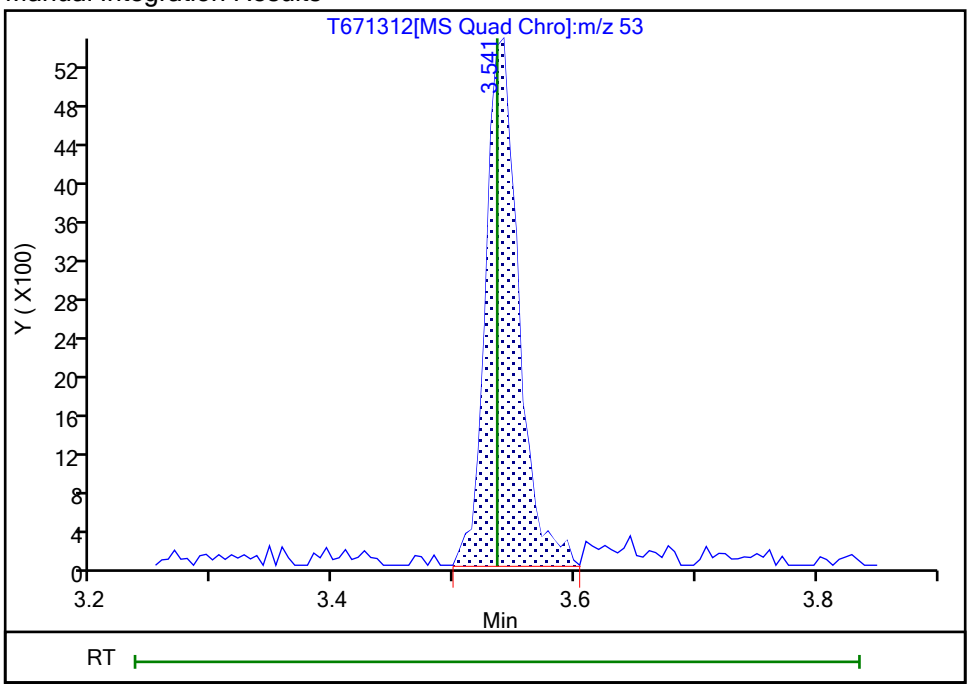
Processing Integration Results

RT: 3.54
Area: 9969
Amount: 9.000186
Amount Units: ug/l



Manual Integration Results

RT: 3.54
Area: 10318
Amount: 9.315155
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:32:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

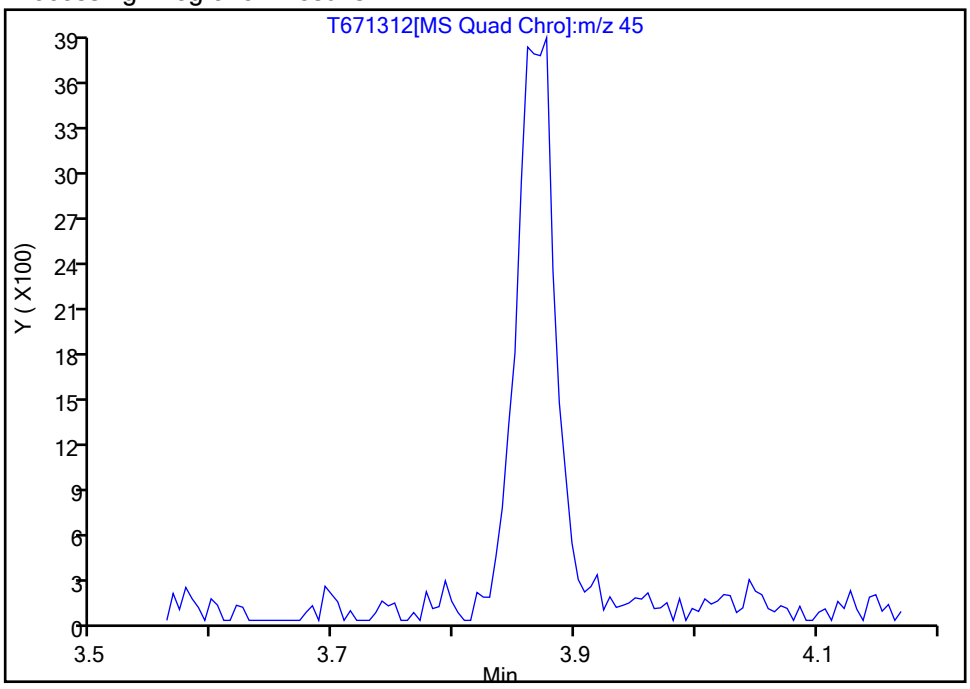
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

40 Isopropyl ether, CAS: 108-20-3

Signal: 1

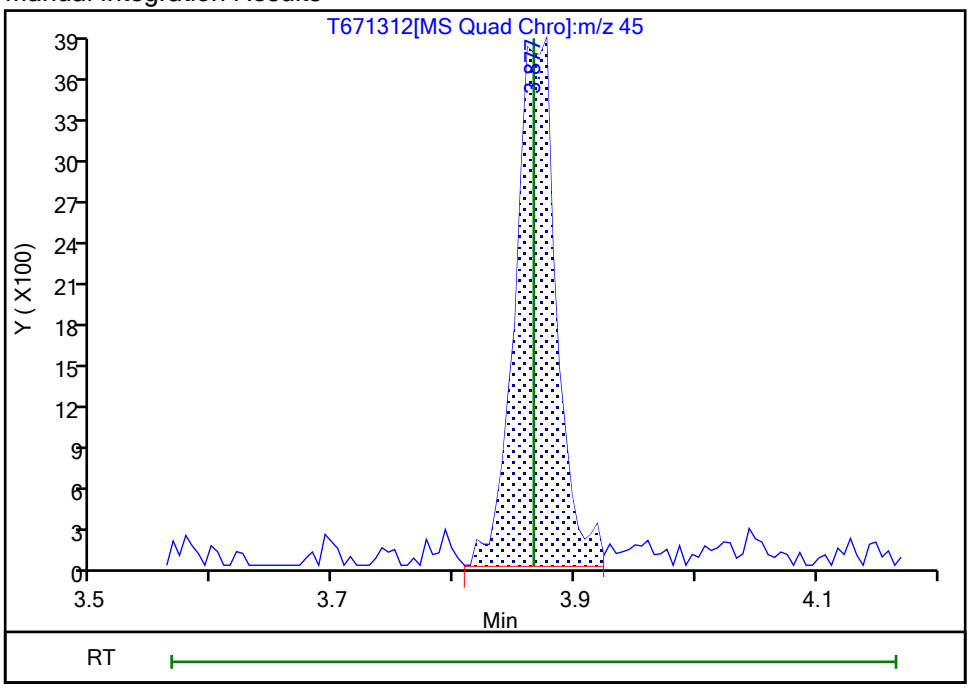
Not Detected
Expected RT: 3.87

Processing Integration Results



Manual Integration Results

RT: 3.88
Area: 9146
Amount: 0.957598
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:30:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

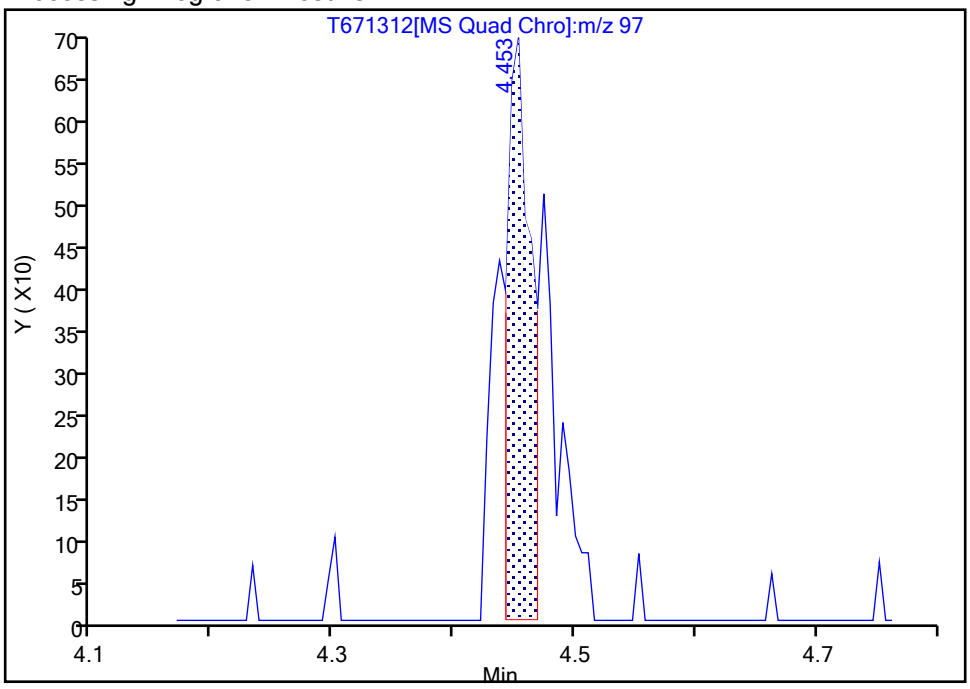
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

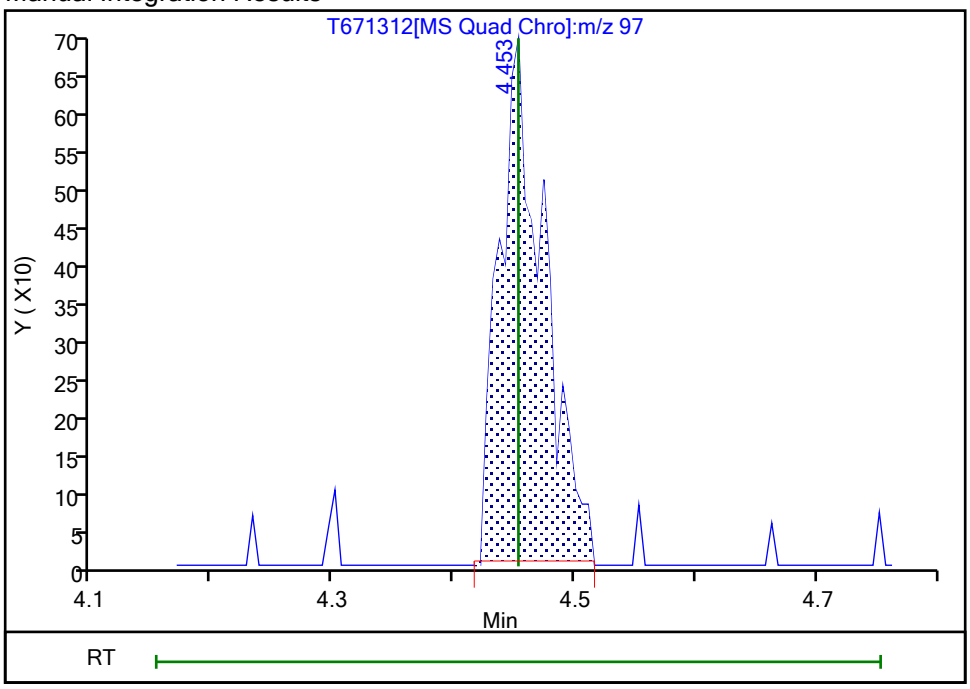
Processing Integration Results

RT: 4.45
Area: 960
Amount: 0.607765
Amount Units: ug/l



Manual Integration Results

RT: 4.45
Area: 1785
Amount: 1.165765
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:32:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

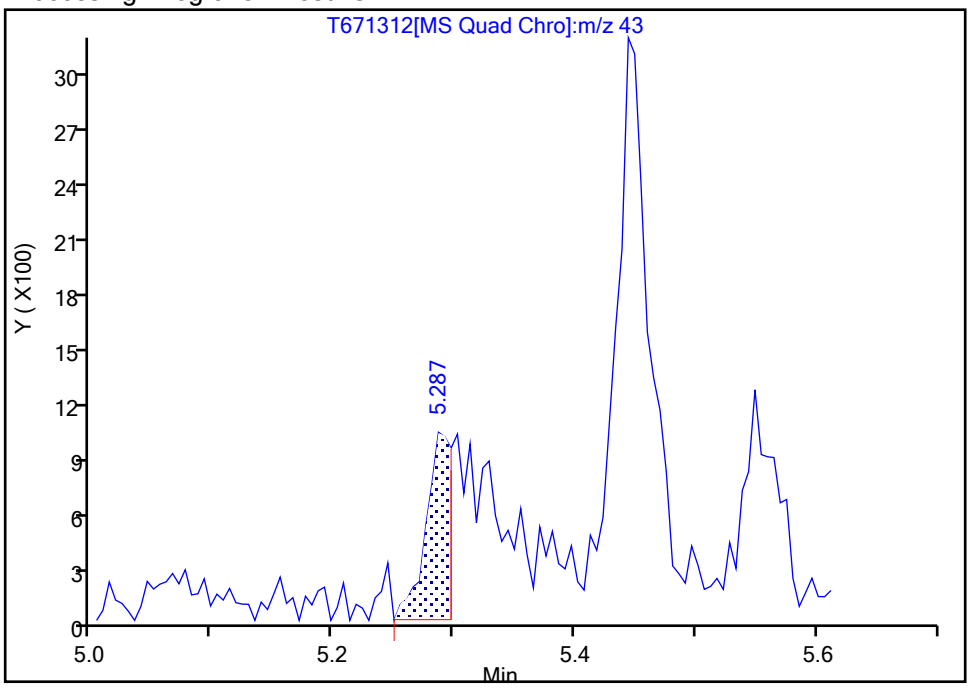
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

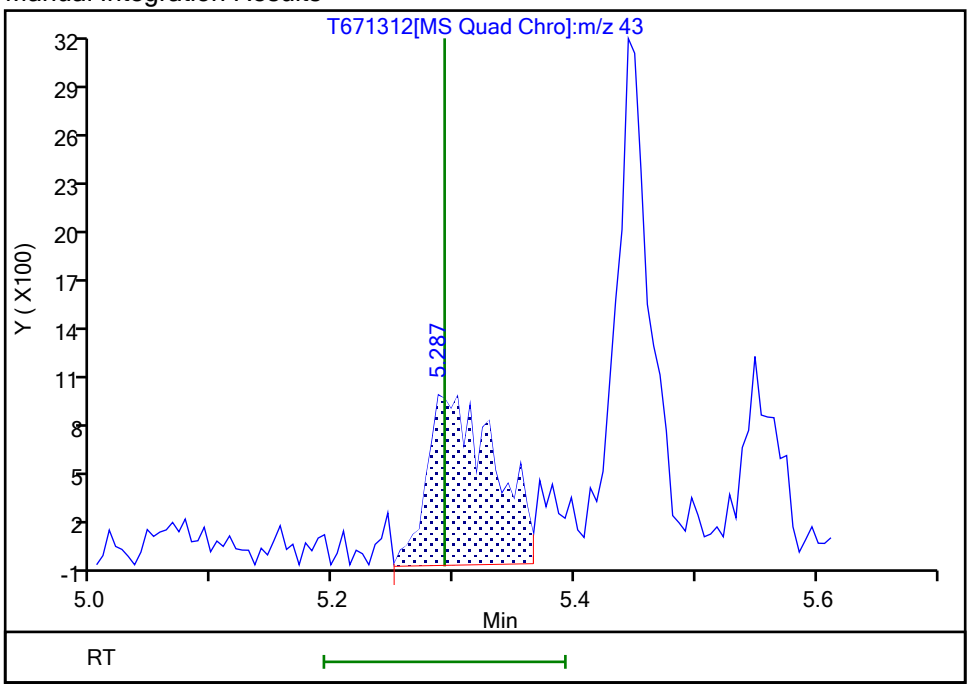
Processing Integration Results

RT: 5.29
Area: 1509
Amount: 11.439699
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 3991
Amount: 25.605401
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

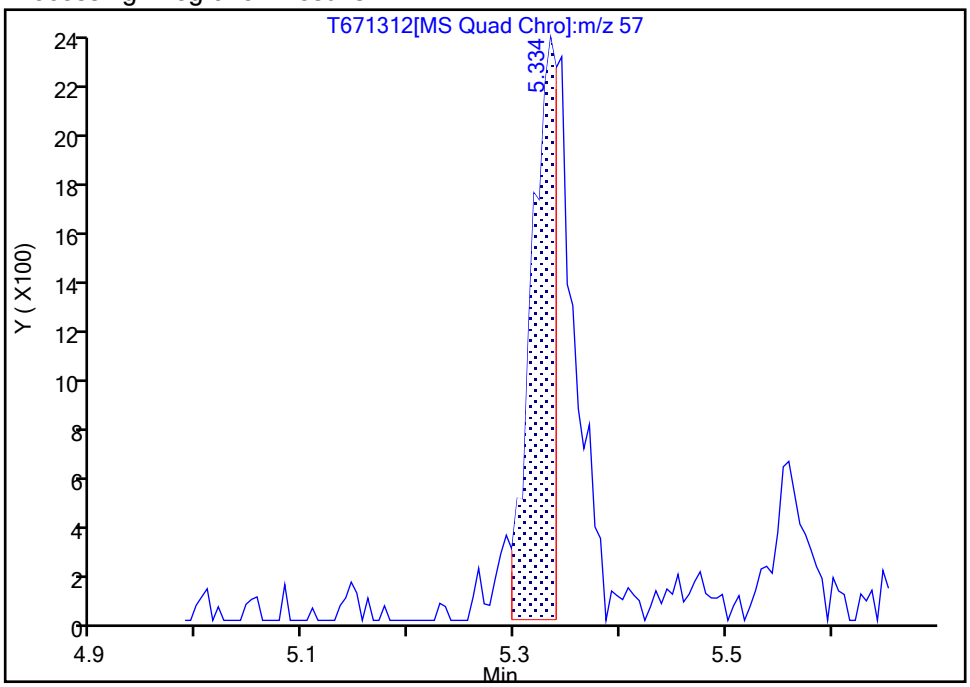
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

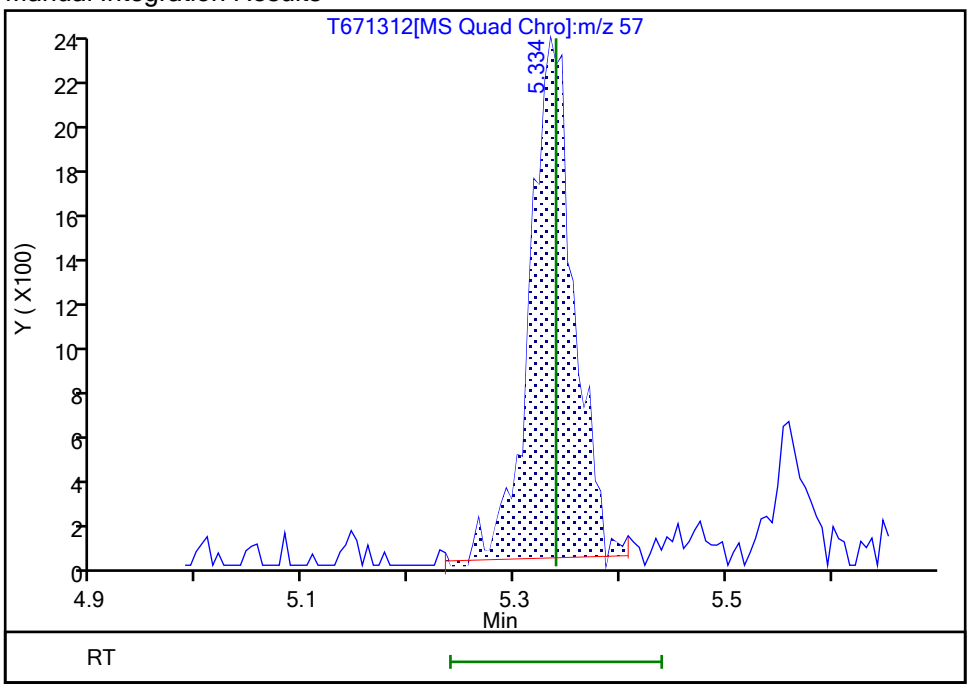
Processing Integration Results

RT: 5.33
Area: 3974
Amount: 0.567079
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 6689
Amount: 0.941010
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:30:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

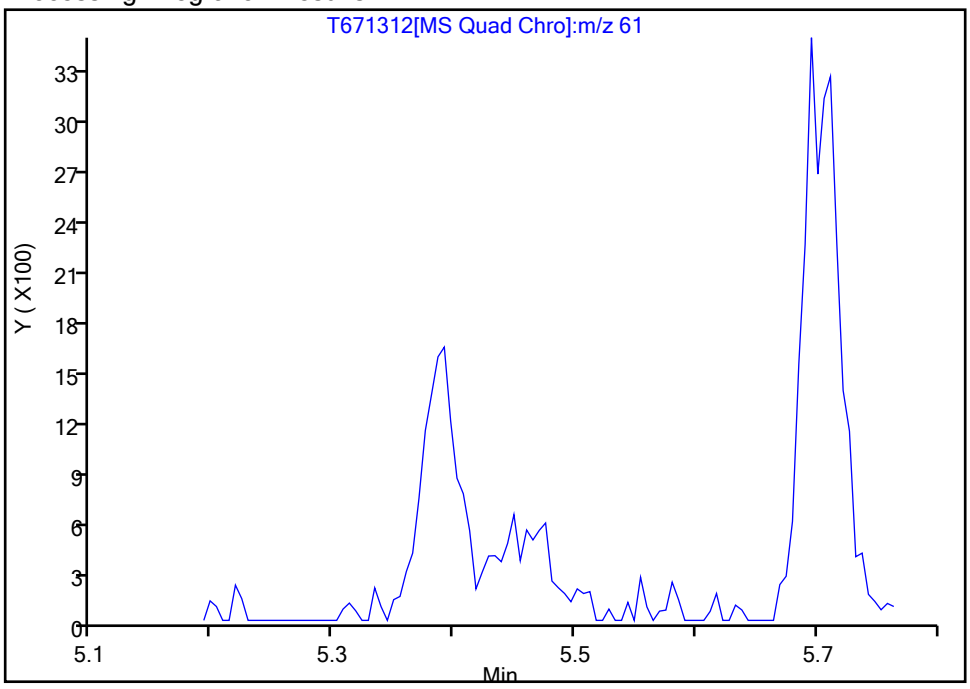
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

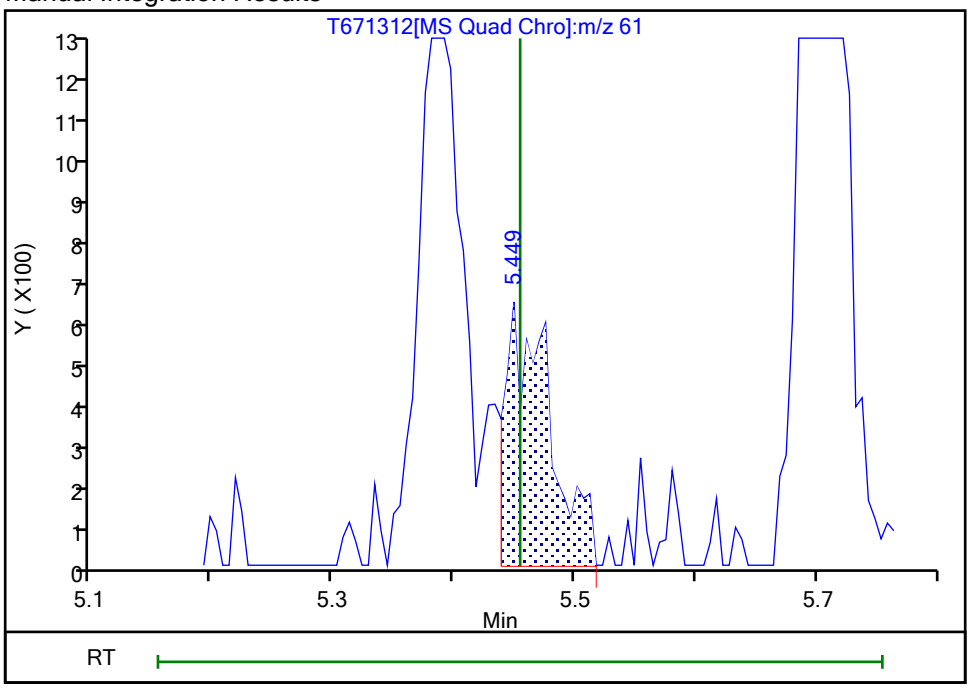
Not Detected
Expected RT: 5.45

Processing Integration Results



Manual Integration Results

RT: 5.45
Area: 1588
Amount: 0.944364
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:34:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

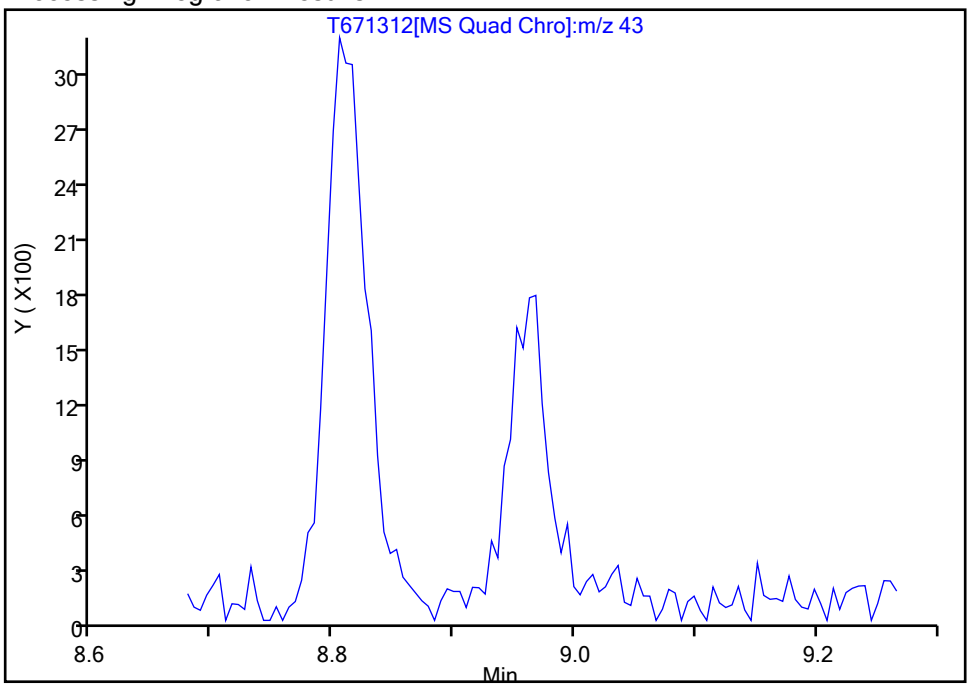
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

93 n-Butyl acetate, CAS: 123-86-4

Signal: 1

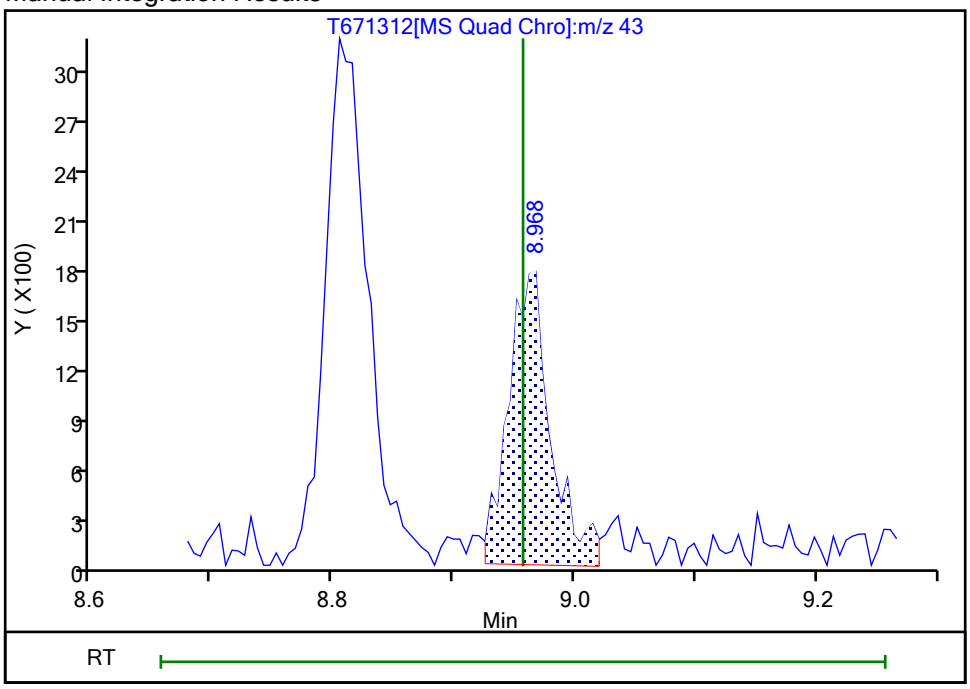
Not Detected
Expected RT: 8.96

Processing Integration Results



Manual Integration Results

RT: 8.97
Area: 4240
Amount: 1.084377
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

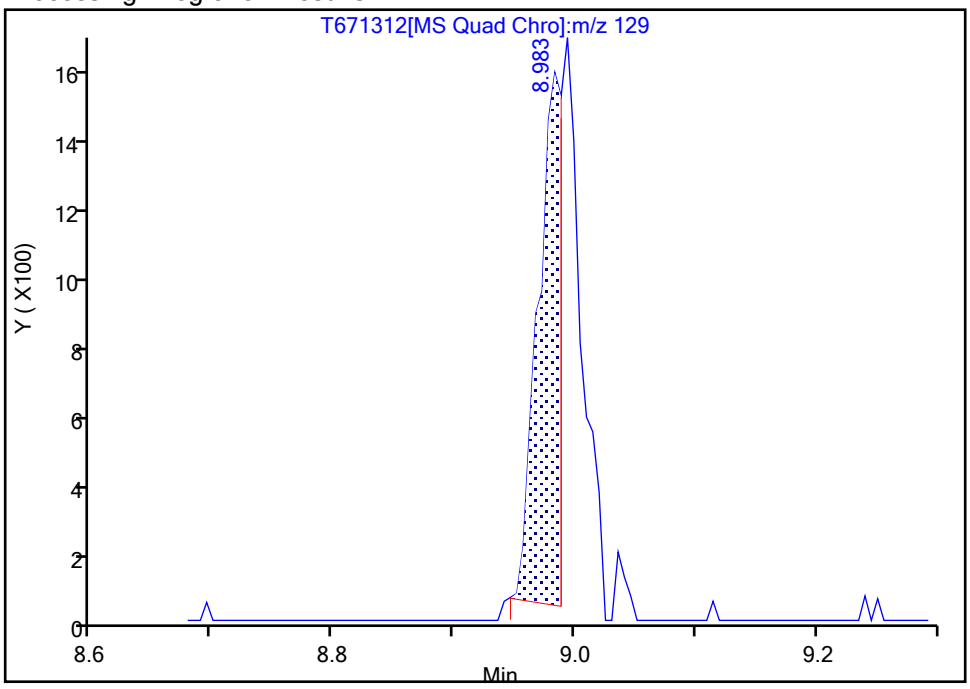
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671312.D
Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

91 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

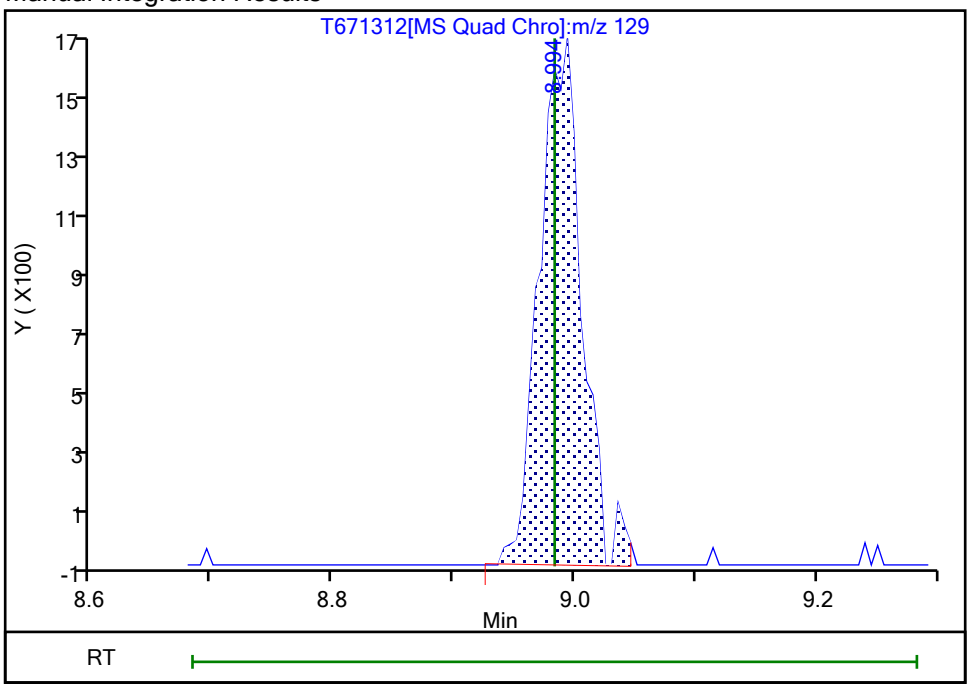
Processing Integration Results

RT: 8.98
Area: 2062
Amount: 0.490324
Amount Units: ug/l



Manual Integration Results

RT: 8.99
Area: 3972
Amount: 0.911296
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:29:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

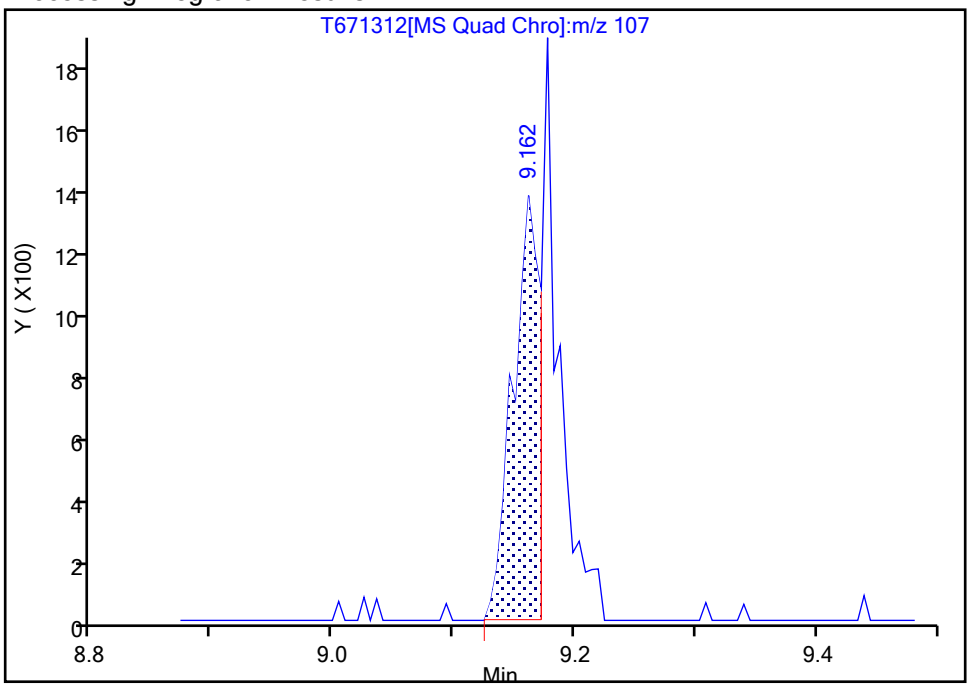
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

92 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

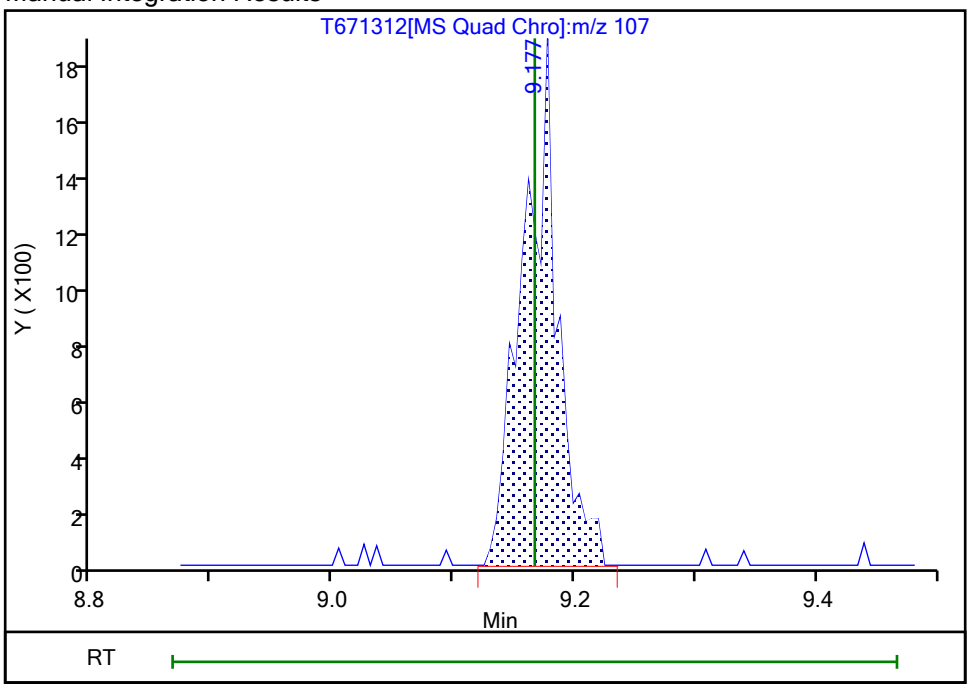
Processing Integration Results

RT: 9.16
Area: 2067
Amount: 0.590996
Amount Units: ug/l



Manual Integration Results

RT: 9.18
Area: 3589
Amount: 0.985964
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

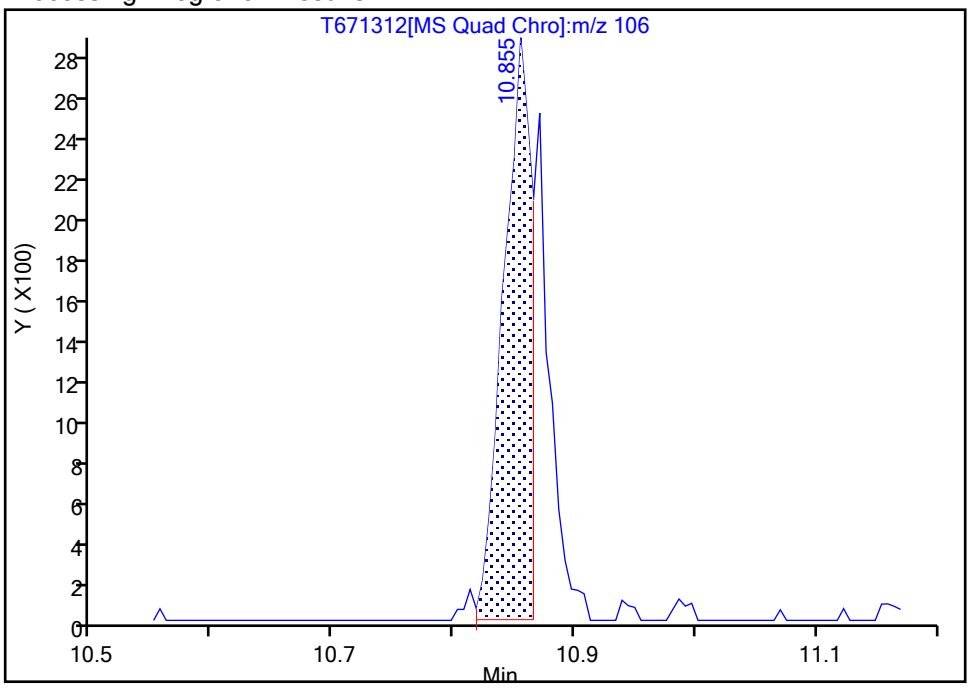
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

99 o-Xylene, CAS: 95-47-6

Signal: 1

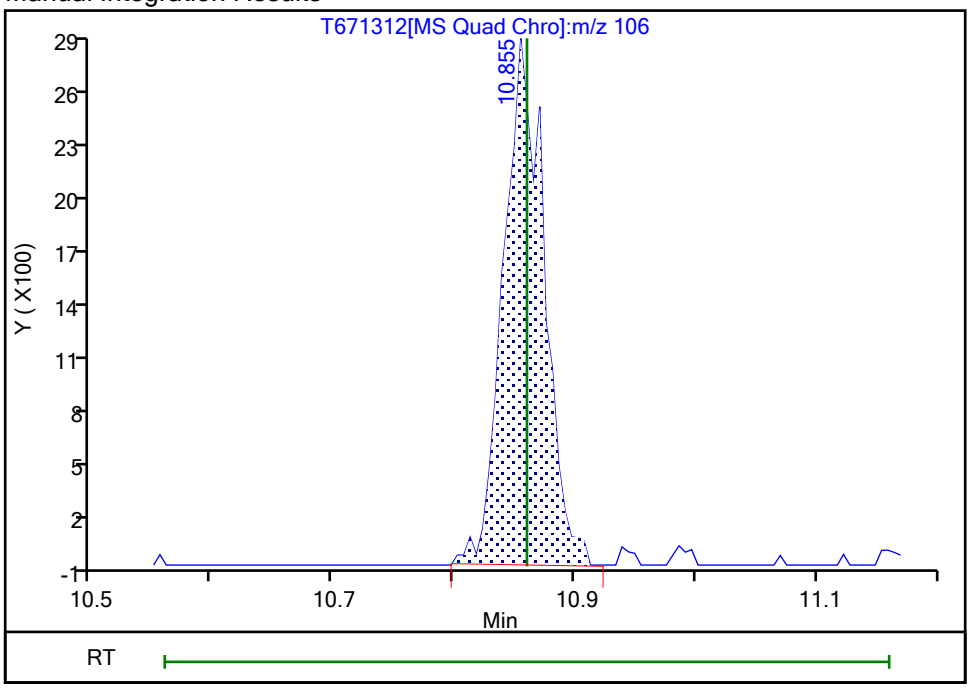
Processing Integration Results

RT: 10.86
Area: 4683
Amount: 0.676747
Amount Units: ug/l



Manual Integration Results

RT: 10.86
Area: 6703
Amount: 0.963265
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:29:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

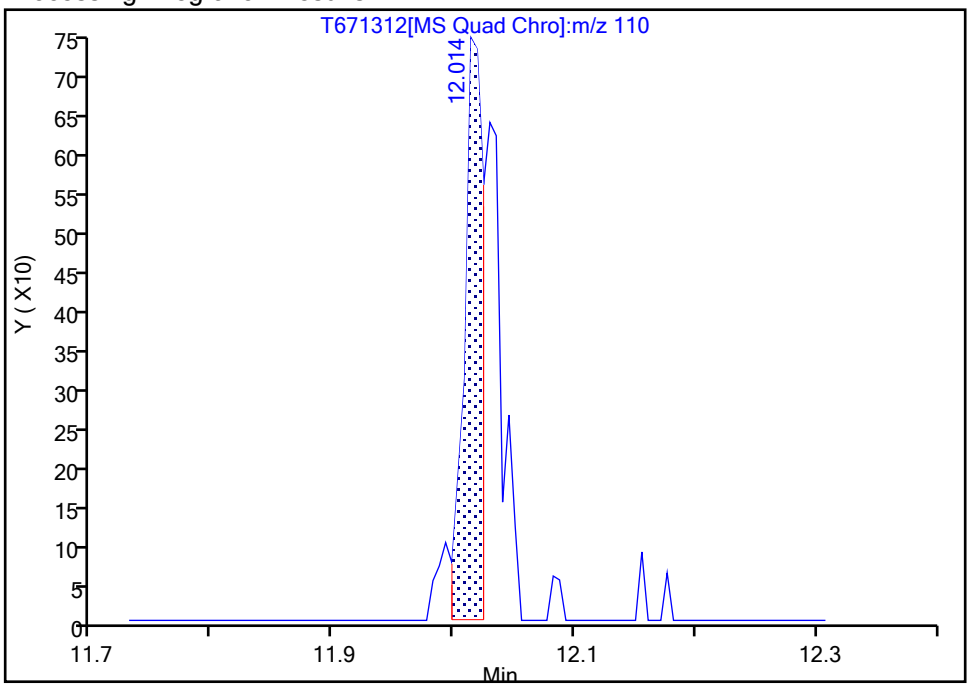
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Injection Date: 27-Oct-2023 12:54:58 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

108 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

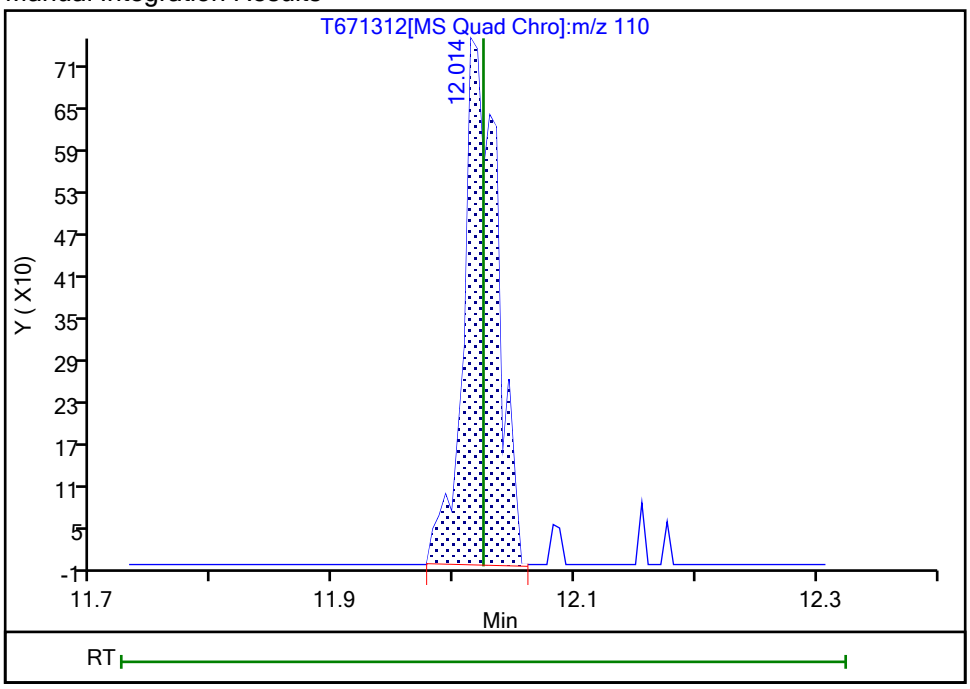
Processing Integration Results

RT: 12.01
Area: 824
Amount: 0.698894
Amount Units: ug/l



Manual Integration Results

RT: 12.01
Area: 1459
Amount: 1.099953
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:28:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 27-Oct-2023 13:17:34 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0167990-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:05 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: PUV6 Date: 27-Oct-2023 15:34:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	46	2001	5.00	10.1	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	91	7418	5.00	8.02	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	9717	5.00	5.77	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	24526	5.00	5.18	
5 Chlorodifluoromethane	67	1.480	1.475	0.005	76	3986	5.00	5.97	
6 Chloromethane	50	1.627	1.632	-0.005	99	25769	5.00	5.58	
7 Vinyl chloride	62	1.722	1.721	0.001	98	32086	5.00	5.49	
8 Butadiene	54	1.748	1.748	0.000	91	29365	5.00	5.38	
9 Bromomethane	94	2.020	2.020	0.000	98	21416	5.00	5.87	
10 Chloroethane	64	2.110	2.109	0.001	100	14735	5.00	4.89	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	42952	5.00	5.40	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	95	34400	5.00	5.12	
13 Pentane	72	2.346	2.351	-0.005	95	4386	10.0	10.1	
14 Ethanol	46	2.513	2.513	0.000	97	3759	200.0	255.5	
15 Ethyl ether	59	2.555	2.555	0.000	92	15477	5.00	5.53	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	96	11665	5.00	4.59	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	83	20257	5.00	5.46	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	95	32028	5.00	5.48	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.733	0.001	96	17795	5.00	4.83	
19 Acrolein	56	2.739	2.733	0.006	96	10931	20.0	19.4	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	97	15750	5.00	4.94	
22 Acetone	43	2.870	2.870	0.000	89	24011	25.0	28.2	
23 Iodomethane	142	2.933	2.933	0.000	97	18820	5.00	4.41	
24 Carbon disulfide	76	2.964	2.964	0.000	99	35649	5.00	5.18	
25 Isopropyl alcohol	45	2.964	2.964	0.000	41	9656	50.0	57.7	a
27 3-Chloro-1-propene	76	3.116	3.116	0.000	82	11340	5.00	5.47	
28 Methyl acetate	43	3.132	3.132	0.000	97	22830	10.0	10.8	
29 Cyclopentene	67	3.137	3.132	0.005	97	26558	5.00	4.76	
26 Acetonitrile	41	3.190	3.190	0.000	99	20658	50.0	59.9	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	96	34939	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	3.253	3.252	0.001	50	23638	5.00	5.71	
32 2-Methyl-2-propanol	59	3.316	3.315	0.001	96	18495	50.0	61.6	
35 Methyl tert-butyl ether	73	3.431	3.431	0.000	94	53238	5.00	5.62	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	83	19778	5.00	5.27	
33 Acrylonitrile	53	3.541	3.536	0.005	92	66333	50.0	58.3	
36 Hexane	57	3.630	3.635	-0.005	87	14291	5.00	4.94	
40 Isopropyl ether	45	3.866	3.866	0.000	94	53577	5.00	5.47	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	33668	5.00	5.18	
38 Vinyl acetate	86	3.924	3.918	0.006	99	7849	10.0	11.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	85	16090	5.00	5.01	
41 Tert-butyl ethyl ether	59	4.223	4.222	0.001	90	50893	5.00	5.52	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	81	259849	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	52	8189	5.00	5.22	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	90	24793	5.00	5.33	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	11702	25.0	29.7	
47 Ethyl acetate	70	4.516	4.516	0.000	96	3830	10.0	11.4	
48 Methyl acrylate	55	4.574	4.574	0.000	99	15393	5.00	5.73	
46 Propionitrile	54	4.658	4.658	0.000	98	26117	50.0	57.0	
49 Chlorobromomethane	128	4.736	4.742	-0.006	73	14121	5.00	5.93	
51 Tetrahydrofuran	72	4.752	4.742	0.010	47	5182	10.0	11.7	
50 Methacrylonitrile	67	4.773	4.773	0.000	87	81008	50.0	54.0	
52 Chloroform	83	4.805	4.804	0.001	98	39702	5.00	5.45	
55 Cyclohexane	84	4.951	4.941	0.010	83	22265	5.00	4.89	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	71	31472	5.00	5.21	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	175220	50.0	49.5	
56 Carbon tetrachloride	117	5.103	5.098	0.005	89	27232	5.00	4.99	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	94	24011	5.00	5.06	
59 Isobutyl alcohol	43	5.297	5.292	0.005	93	21175	125.0	135.7	M
62 Isooctane	57	5.329	5.339	-0.010	97	36501	5.00	5.01	a
60 Benzene	78	5.366	5.365	0.001	93	77855	5.00	5.44	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.386	0.001	96	156719	50.0	50.4	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	83	53934	5.00	5.58	
63 Isopropyl acetate	61	5.449	5.455	-0.006	85	9947	5.00	5.77	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	92	23510	5.00	5.40	
66 n-Heptane	43	5.554	5.554	0.000	84	12012	5.00	5.10	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	576577	50.0	50.0	
68 n-Butanol	56	6.073	6.079	-0.005	83	9928	125.0	135.2	
67 Trichloroethene	95	6.115	6.120	-0.005	92	21138	5.00	5.17	
70 Methylcyclohexane	83	6.262	6.262	0.000	87	23508	5.00	4.81	
69 Ethyl acrylate	55	6.273	6.273	0.001	95	35315	5.00	5.19	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	20906	5.00	5.42	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	31010	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.566	-0.005	82	10473	10.0	11.1	
74 1,4-Dioxane	88	6.608	6.603	0.005	40	4639	100.0	107.4	
72 Dibromomethane	93	6.608	6.608	0.000	92	15586	5.00	5.78	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	20664	5.00	5.54	
77 Dichlorobromomethane	83	6.792	6.792	0.000	93	29876	5.00	5.48	
78 2-Nitropropane	41	7.206	7.201	0.005	88	8474	10.0	12.2	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	81	2619	5.01	5.47	
80 Epichlorohydrin	57	7.326	7.326	0.000	97	33715	100.0	119.8	
81 cis-1,3-Dichloropropene	75	7.389	7.395	-0.006	83	35681	5.00	5.59	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	68286	25.0	28.6	

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	7.683	7.683	0.000	99	604831	50.0	50.9	
84 Toluene	91	7.772	7.777	-0.005	93	88113	5.00	5.39	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	91	31857	5.00	5.76	
86 Ethyl methacrylate	69	8.260	8.254	0.006	84	22143	5.00	5.60	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	93	18176	5.00	6.00	
88 Tetrachloroethene	166	8.501	8.506	-0.005	92	24947	5.00	5.33	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	86	32621	5.00	5.85	
90 2-Hexanone	43	8.805	8.810	-0.005	94	48378	25.0	29.0	
93 n-Butyl acetate	43	8.952	8.957	-0.005	97	22608	5.00	5.65	
91 Chlorodibromomethane	129	8.983	8.983	0.000	94	24855	5.00	5.57	
92 Ethylene Dibromide	107	9.167	9.167	0.000	92	21855	5.00	5.87	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	475610	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	63859	5.00	5.69	
97 Ethylbenzene	106	10.016	10.021	-0.005	97	32570	5.00	5.42	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.037	-0.005	51	24695	5.00	5.51	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	90	38721	5.00	5.49	
99 o-Xylene	106	10.855	10.860	-0.005	95	39047	5.00	5.48	
101 n-Butyl acrylate	73	10.876	10.871	0.005	87	14420	5.00	5.47	
100 Styrene	104	10.908	10.907	0.001	96	65104	5.00	5.56	
102 Bromoform	173	11.227	11.222	0.005	94	17228	5.00	5.50	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	25305	5.00	5.62	
104 Isopropylbenzene	105	11.432	11.432	0.000	95	94039	5.00	5.44	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	95	221164	50.0	52.0	
106 Bromobenzene	156	11.883	11.877	0.006	85	28790	5.00	5.55	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	92	23495	5.00	5.59	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	110442	5.00	5.38	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	7541	5.00	5.66	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	90	4678	5.00	5.45	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	74236	5.00	5.50	
112 4-Ethyltoluene	105	12.150	12.155	-0.005	99	92369	5.00	5.41	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	75838	5.00	5.48	
113 4-Chlorotoluene	91	12.271	12.276	-0.005	96	74627	5.00	5.50	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	23550	5.00	5.27	
116 tert-Butylbenzene	119	12.601	12.601	0.000	94	63256	5.00	5.27	
117 1,2,4-Trimethylbenzene	105	12.674	12.680	-0.006	97	77749	5.00	5.36	
118 sec-Butylbenzene	105	12.847	12.847	0.000	98	88653	5.00	5.24	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	47530	5.00	5.23	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	93	75620	5.00	5.17	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	259259	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	93	50760	5.00	5.57	
123 1,2,3-Trimethylbenzene	105	13.131	13.130	0.001	96	78116	5.00	5.47	
124 Benzyl chloride	91	13.262	13.262	0.000	99	44028	5.00	5.52	
125 2,3-Dihydroindene	117	13.330	13.324	0.006	90	77900	5.00	5.51	
127 p-Diethylbenzene	119	13.408	13.408	0.000	92	44495	5.00	5.14	
128 n-Butylbenzene	92	13.435	13.429	0.006	97	35702	5.00	5.07	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	44316	5.00	5.53	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.142	0.001	97	60320	5.00	5.24	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	78	5182	5.00	5.62	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	96	27242	5.00	5.24	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	20208	5.00	5.05	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	75	10049	5.00	5.06	
134 Naphthalene	128	15.092	15.091	0.001	99	41252	5.00	5.23	

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	15.280	15.280	0.000	94	15573	5.00	5.42	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 137 Xylenes, Total	100				0		10.0	11.0	
S 140 Total BTEX	1				0		25.0	27.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	11.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

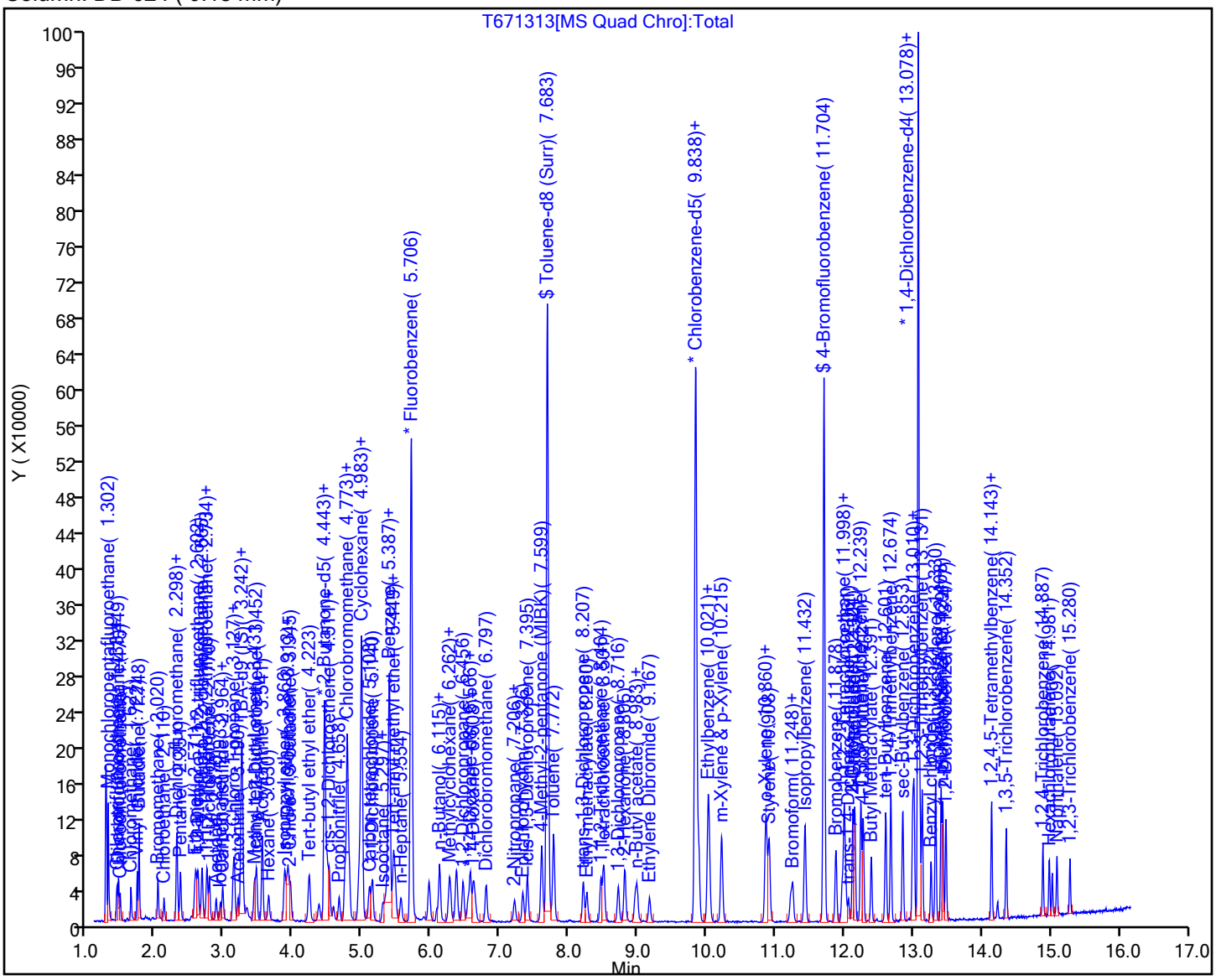
Reagents:

8260MIX1COMB_00177	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 10.00	Units: uL		
ACROLEIN W_00161	Amount Added: 4.00	Units: uL		
524FREONS_00009	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 10.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 28-Oct-2023 10:44:05 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

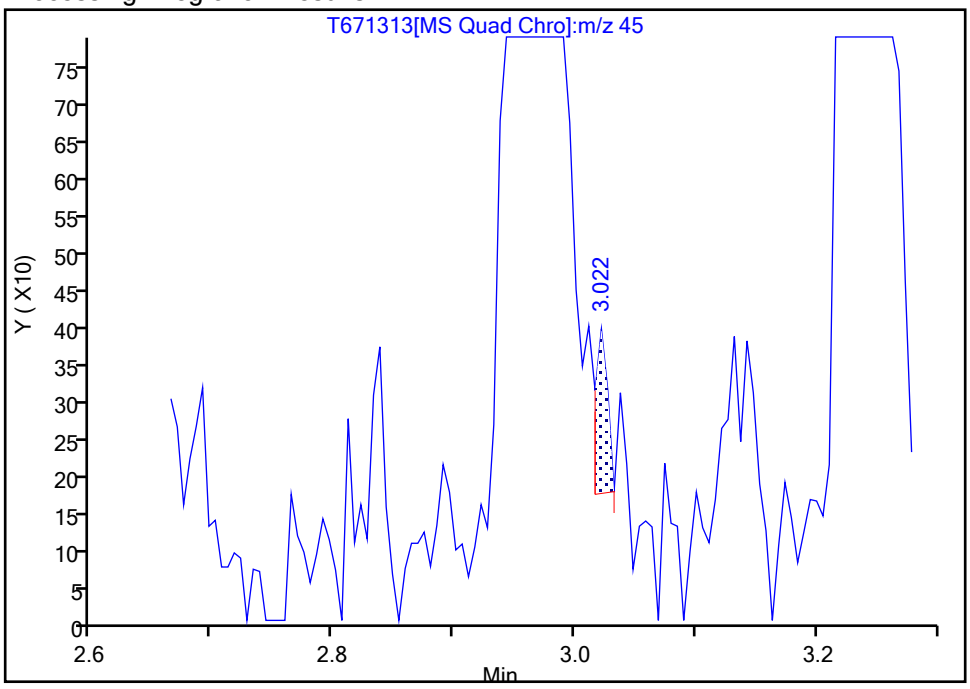
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

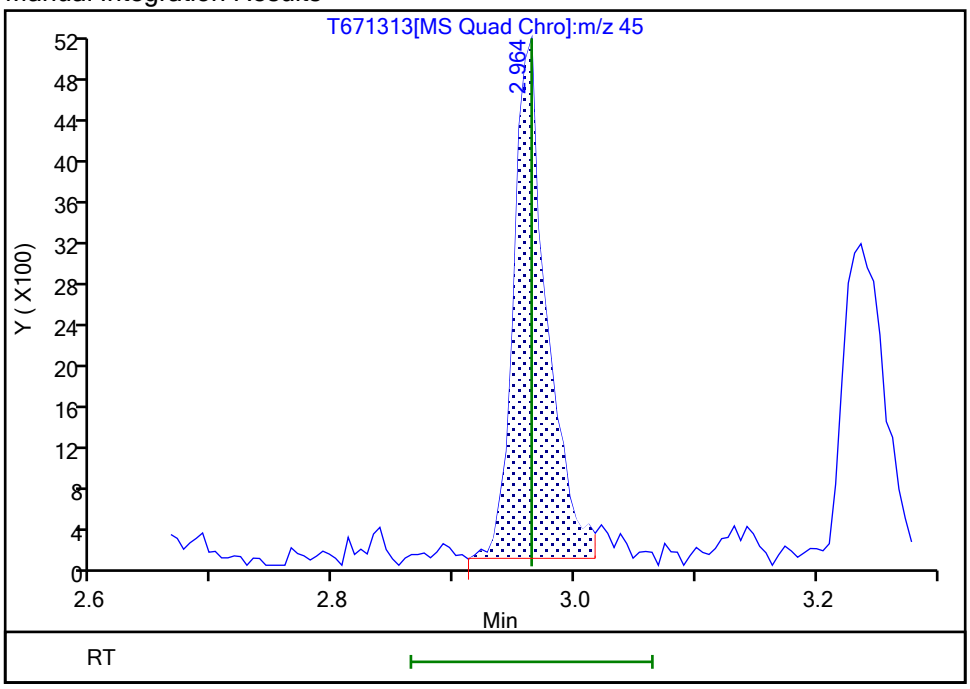
Processing Integration Results

RT: 3.02
Area: 158
Amount: 1.404660
Amount Units: ug/l



Manual Integration Results

RT: 2.96
Area: 9656
Amount: 57.744710
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 15:32:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

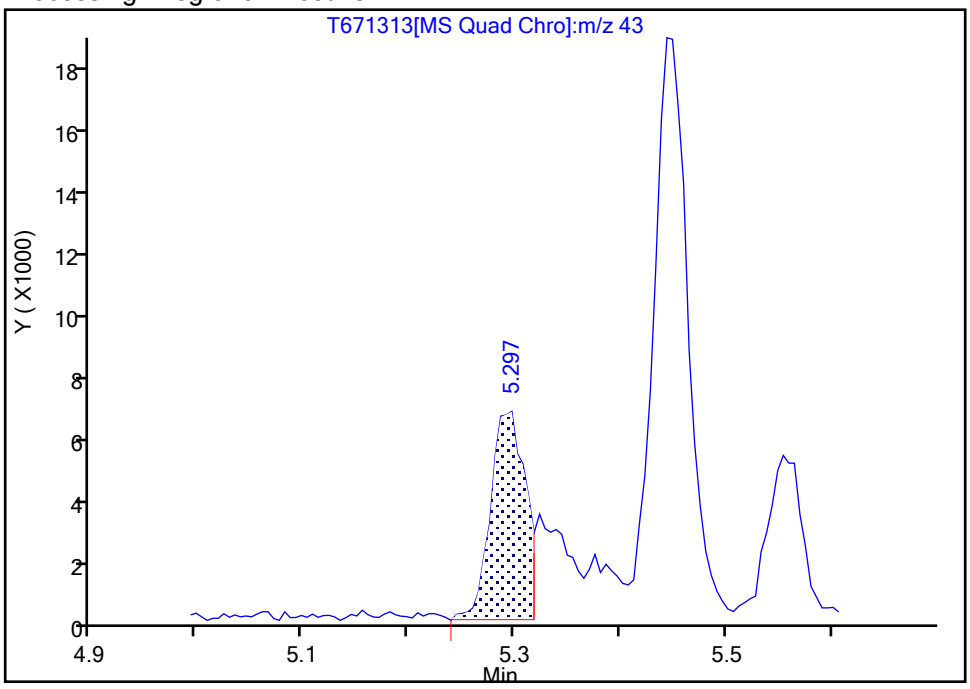
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Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

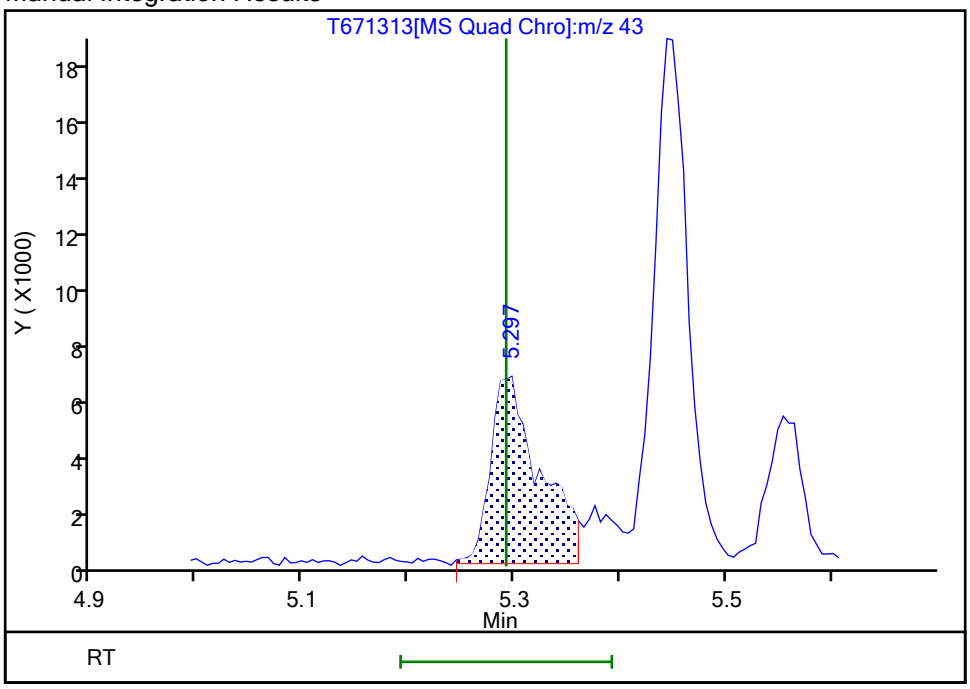
Processing Integration Results

RT: 5.30
Area: 15042
Amount: 107.2749
Amount Units: ug/l



Manual Integration Results

RT: 5.30
Area: 21175
Amount: 135.6598
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

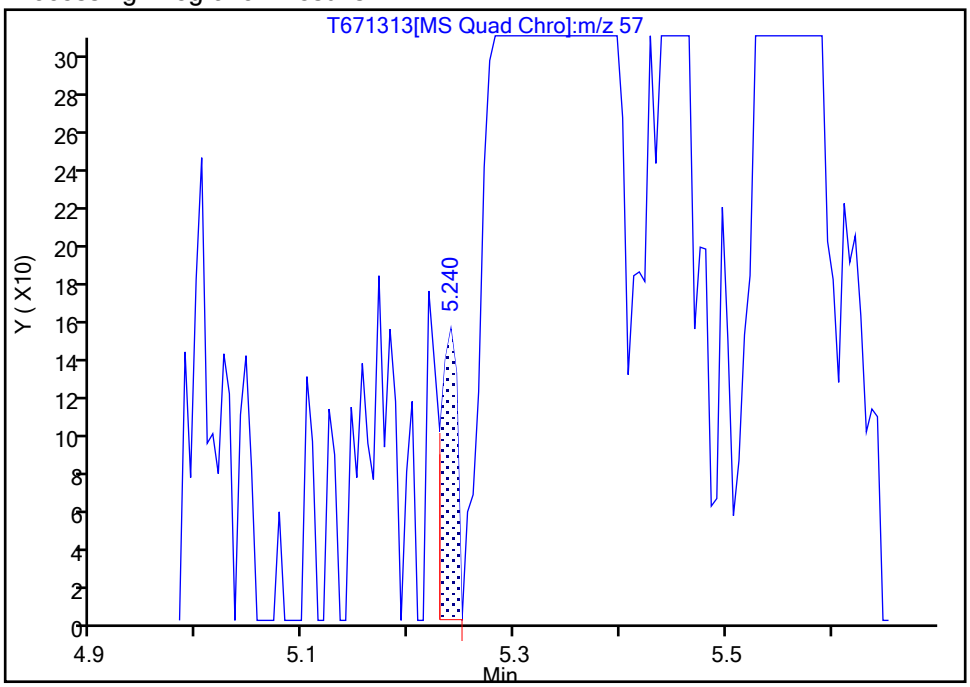
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671313.D
Injection Date: 27-Oct-2023 13:17:34 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

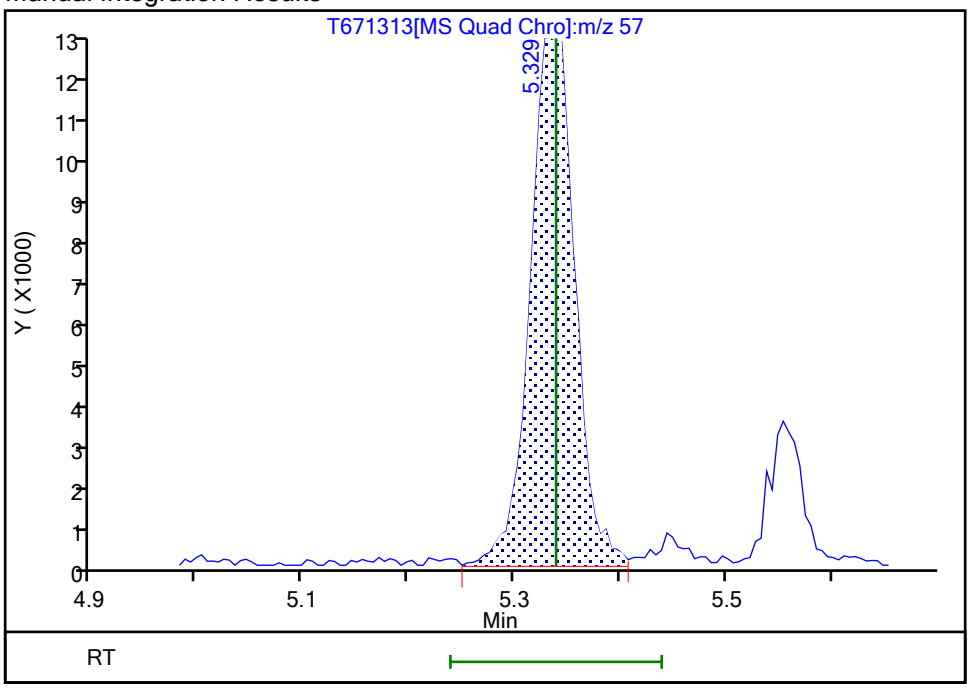
Processing Integration Results

RT: 5.24
Area: 163
Amount: 0.026747
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 36501
Amount: 5.008807
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:35:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 27-Oct-2023 13:40:15 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0167990-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:23 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:37:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	61	6427	20.0	31.4	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	92	27879	20.0	29.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	34768	20.0	19.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	92151	20.0	18.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	78	13873	20.0	20.0	
6 Chloromethane	50	1.632	1.632	0.000	99	88389	20.0	18.4	
7 Vinyl chloride	62	1.721	1.721	0.000	99	119730	20.0	19.7	
8 Butadiene	54	1.748	1.748	0.000	92	112959	20.0	20.6	
9 Bromomethane	94	2.020	2.020	0.000	98	74051	20.0	19.6	M
10 Chloroethane	64	2.109	2.109	0.000	96	59244	20.0	18.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	149714	20.0	18.1	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	94	132797	20.0	19.1	
13 Pentane	72	2.351	2.351	0.000	96	16927	40.0	37.7	
14 Ethanol	46	2.513	2.513	0.000	98	12975	800.0	784.0	
15 Ethyl ether	59	2.555	2.555	0.000	91	49942	20.0	17.2	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	93	49600	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	91	74024	20.0	19.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	88	114424	20.0	18.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	96	75754	20.0	19.8	
19 Acrolein	56	2.733	2.733	0.000	53	22194	40.0	37.9	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	97	60946	20.0	18.4	
22 Acetone	43	2.870	2.870	0.000	88	80825	100.0	88.6	
23 Iodomethane	142	2.933	2.933	0.000	98	92294	20.0	19.2	
24 Carbon disulfide	76	2.964	2.964	0.000	99	133056	20.0	18.6	
25 Isopropyl alcohol	45	2.964	2.964	0.000	37	34044	200.0	181.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	83	41773	20.0	19.4	
28 Methyl acetate	43	3.132	3.132	0.000	82	78103	40.0	35.6	
29 Cyclopentene	67	3.132	3.132	0.000	93	112602	20.0	19.4	
26 Acetonitrile	41	3.190	3.190	0.000	96	66720	200.0	180.3	
* 31 TBA-d9 (IS)	66	3.237	3.237	0.000	97	39297	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	3.252	3.252	0.000	85	78573	20.0	18.3	
32 2-Methyl-2-propanol	59	3.315	3.315	0.000	98	59854	200.0	177.2	
35 Methyl tert-butyl ether	73	3.431	3.431	0.000	96	181448	20.0	18.5	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	77	71069	20.0	18.2	
33 Acrylonitrile	53	3.536	3.536	0.000	95	224201	200.0	189.1	
36 Hexane	57	3.635	3.635	0.000	89	59346	20.0	19.8	
40 Isopropyl ether	45	3.866	3.866	0.000	95	186980	20.0	18.4	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	94	123283	20.0	18.3	
38 Vinyl acetate	86	3.918	3.918	0.000	99	28953	40.0	40.6	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	62784	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.222	4.222	0.000	90	178591	20.0	18.7	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	89	278634	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	71	29210	20.0	17.9	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	89	88174	20.0	18.3	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	37645	100.0	89.2	
47 Ethyl acetate	70	4.516	4.516	0.000	96	12340	40.0	34.2	
48 Methyl acrylate	55	4.574	4.574	0.000	100	53486	20.0	19.2	
46 Propionitrile	54	4.658	4.658	0.000	98	90068	200.0	189.3	
49 Chlorobromomethane	128	4.742	4.742	0.000	75	46105	20.0	18.6	
51 Tetrahydrofuran	72	4.742	4.742	0.000	72	16693	40.0	37.9	
50 Methacrylonitrile	67	4.773	4.773	0.000	88	277597	200.0	178.4	
52 Chloroform	83	4.804	4.804	0.000	98	138381	20.0	18.3	
55 Cyclohexane	84	4.941	4.941	0.000	85	90169	20.0	19.1	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	116881	20.0	18.7	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	180807	50.0	49.2	
56 Carbon tetrachloride	117	5.098	5.098	0.000	97	109300	20.0	19.3	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	95	93975	20.0	19.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	96	80432	500.0	458.2	M
62 Isooctane	57	5.339	5.339	0.000	99	141957	20.0	18.8	
60 Benzene	78	5.365	5.365	0.000	96	282821	20.0	19.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.386	0.000	87	165003	50.0	51.2	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	81	182934	20.0	18.2	
63 Isopropyl acetate	61	5.455	5.455	0.000	83	32516	20.0	18.2	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	89	81215	20.0	18.0	
66 n-Heptane	43	5.554	5.554	0.000	88	48887	20.0	20.0	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	598469	50.0	50.0	
68 n-Butanol	56	6.079	6.079	0.000	85	36691	500.0	444.2	
67 Trichloroethene	95	6.120	6.120	0.000	95	78487	20.0	18.5	
70 Methylcyclohexane	83	6.262	6.262	0.000	87	97675	20.0	19.3	
69 Ethyl acrylate	55	6.273	6.273	0.000	96	132232	20.0	18.7	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	73303	20.0	18.3	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	31781	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	79	36622	40.0	37.3	
74 1,4-Dioxane	88	6.603	6.603	0.000	41	16326	400.0	369.0	
72 Dibromomethane	93	6.608	6.608	0.000	91	51281	20.0	18.3	
76 n-Propyl acetate	43	6.634	6.634	0.000	95	71795	20.0	18.5	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	103043	20.0	18.2	
78 2-Nitropropane	41	7.201	7.201	0.000	87	26636	40.0	36.8	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	79	9833	20.0	19.8	
80 Epichlorohydrin	57	7.326	7.326	0.000	99	116278	400.0	385.3	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	87	124410	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	241556	100.0	94.2	

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	7.683	7.683	0.000	98	623694	50.0	51.1	
84 Toluene	91	7.777	7.777	0.000	93	317525	20.0	18.9	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	108045	20.0	19.0	
86 Ethyl methacrylate	69	8.254	8.254	0.000	86	77238	20.0	19.0	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	94	60321	20.0	19.4	
88 Tetrachloroethene	166	8.506	8.506	0.000	97	93403	20.0	19.4	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	87	109563	20.0	19.1	
90 2-Hexanone	43	8.810	8.810	0.000	93	165084	100.0	92.2	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	76821	20.0	18.7	
91 Chlorodibromomethane	129	8.983	8.983	0.000	95	88192	20.0	19.2	
92 Ethylene Dibromide	107	9.167	9.167	0.000	97	74293	20.0	19.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	84	488492	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	220861	20.0	19.2	
97 Ethylbenzene	106	10.021	10.021	0.000	97	115422	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.037	0.000	60	86396	20.0	18.8	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	91	137465	20.0	19.0	
99 o-Xylene	106	10.860	10.860	0.000	95	136302	20.0	18.6	
101 n-Butyl acrylate	73	10.871	10.871	0.000	71	50550	20.0	18.7	
100 Styrene	104	10.907	10.907	0.000	97	231888	20.0	19.3	
102 Bromoform	173	11.222	11.222	0.000	95	59685	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	88449	20.0	19.0	
104 Isopropylbenzene	105	11.432	11.432	0.000	95	343726	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	224953	50.0	51.5	
106 Bromobenzene	156	11.877	11.877	0.000	87	100417	20.0	18.8	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	96	81909	20.0	18.9	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	406397	20.0	19.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	25618	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	95	16333	20.0	18.4	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	260828	20.0	18.7	
112 4-Ethyltoluene	105	12.155	12.155	0.000	99	338525	20.0	19.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	269045	20.0	18.9	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	263651	20.0	18.8	
115 Butyl Methacrylate	87	12.391	12.391	0.000	85	84387	20.0	18.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	233157	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	97	279110	20.0	18.7	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	334838	20.0	19.2	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	170823	20.0	18.2	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	281697	20.0	18.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	267442	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	173252	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	13.130	13.130	0.000	98	279449	20.0	19.0	
124 Benzyl chloride	91	13.262	13.262	0.000	99	158036	20.0	19.2	
125 2,3-Dihydroindene	117	13.324	13.324	0.000	90	271383	20.0	18.6	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	164936	20.0	18.5	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	133411	20.0	18.4	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	153421	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.142	0.000	97	216526	20.0	18.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	86	17187	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	97271	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	90	74111	20.0	18.0	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	80	36434	20.0	17.8	
134 Naphthalene	128	15.091	15.091	0.000	99	151122	20.0	18.6	

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	15.280	15.280	0.000	94	53838	20.0	18.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.5	
S 137 Xylenes, Total	100				0		40.0	37.6	
S 140 Total BTEX	1				0		100.0	94.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

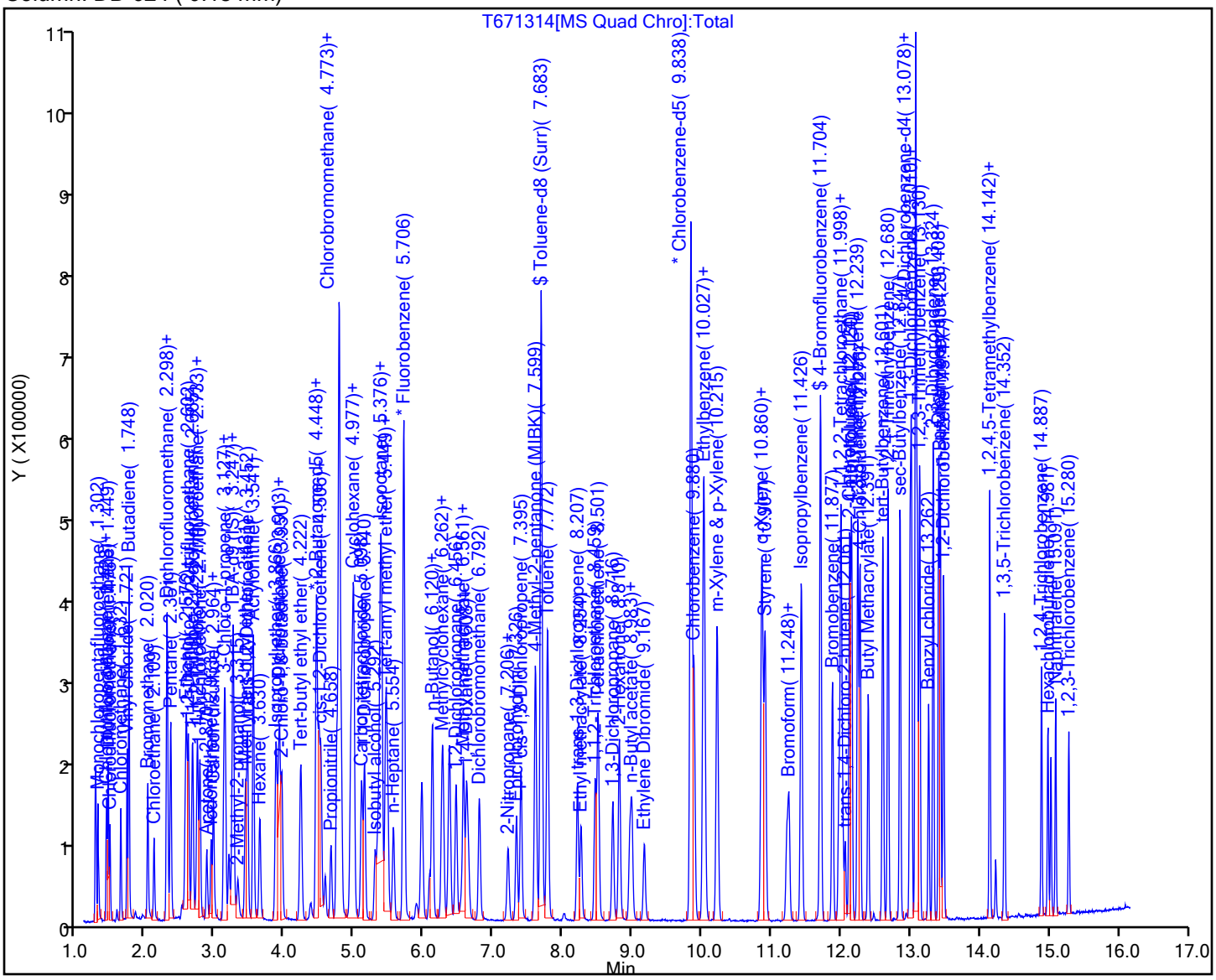
Reagents:

8260MIX1COMB_00177	Amount Added:	20.00	Units: uL	
GASES Li_00554	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00009	Amount Added:	20.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	20.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:44:23 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

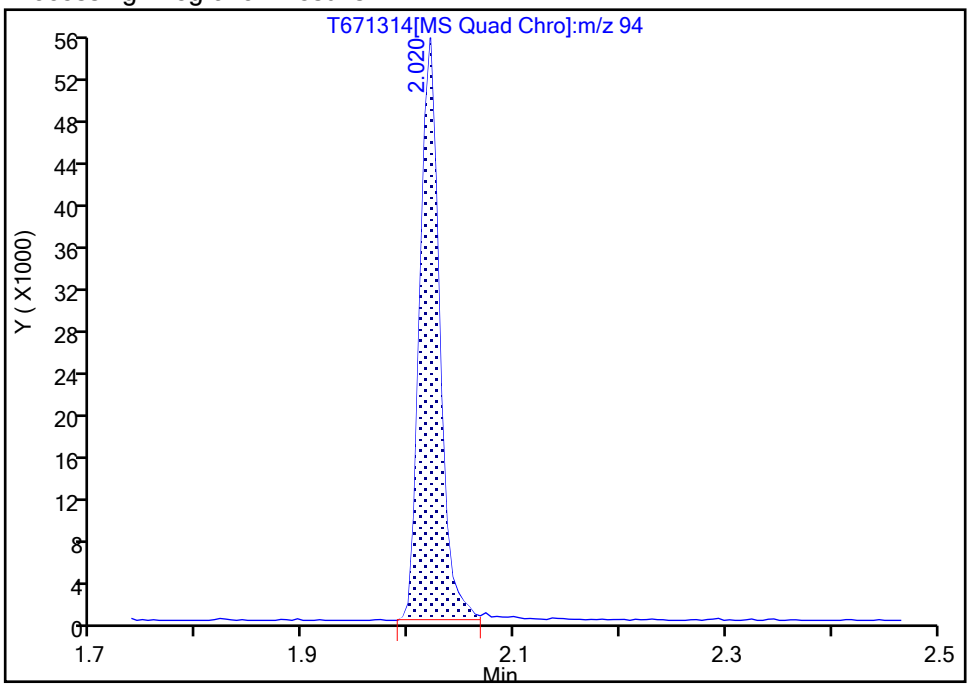
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

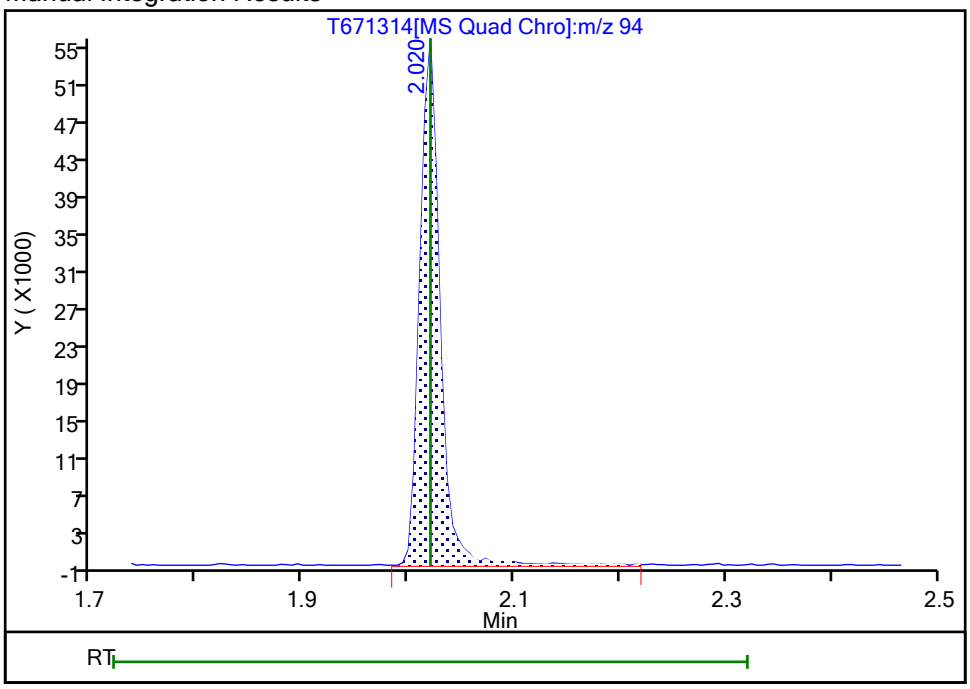
Processing Integration Results

RT: 2.02
Area: 72411
Amount: 26.534786
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 74051
Amount: 19.556465
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:45:01 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

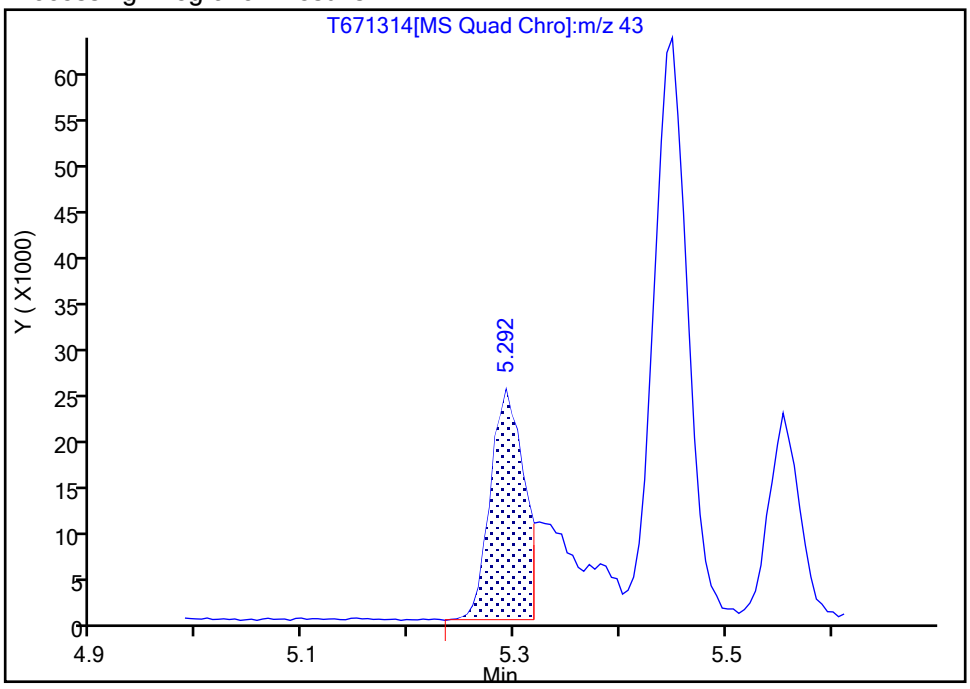
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

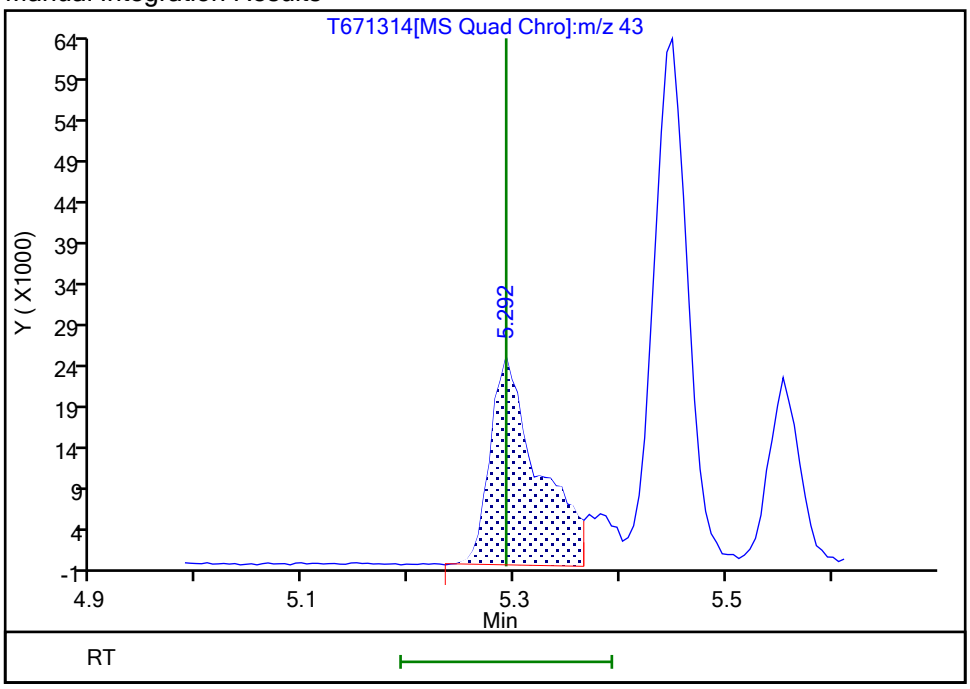
Processing Integration Results

RT: 5.29
Area: 56204
Amount: 374.9578
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 80432
Amount: 458.1502
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:06:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

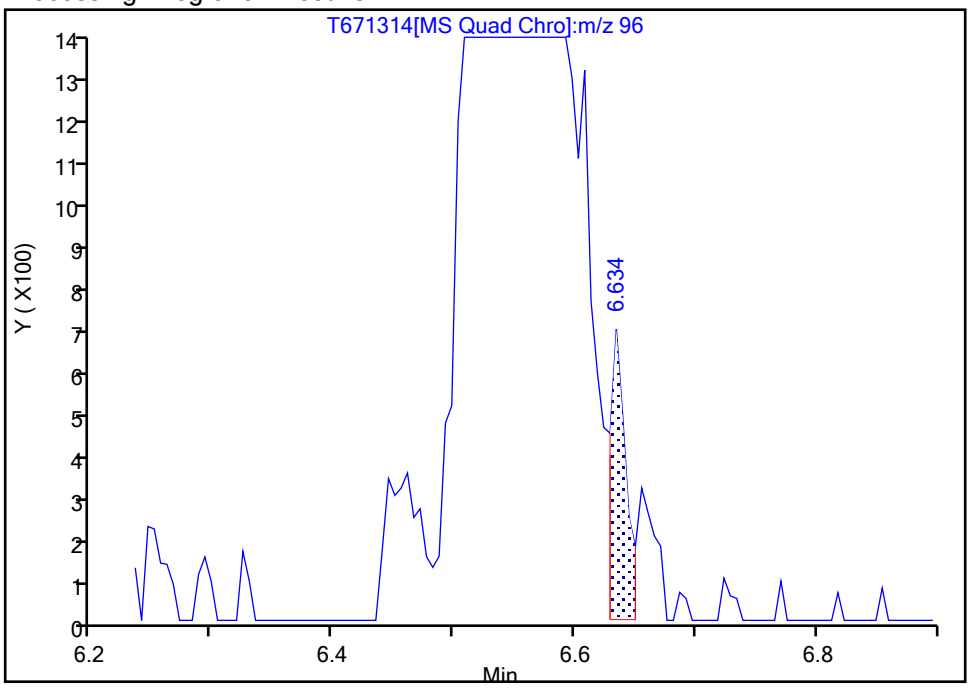
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671314.D
Injection Date: 27-Oct-2023 13:40:15 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

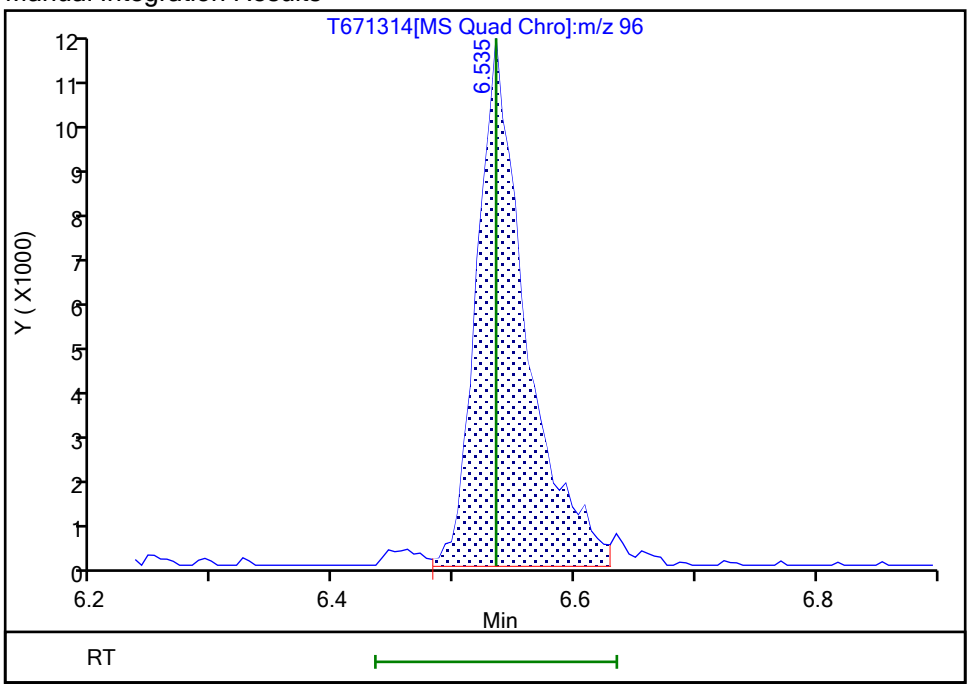
Processing Integration Results

RT: 6.63
Area: 628
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 31781
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:45:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671315.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Oct-2023 14:02:59 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0167990-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:44:41 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:38:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	88	15335	50.0	72.4	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	93	71932	50.0	71.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	92846	50.0	50.6	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	100	254309	50.0	49.3	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	33380	50.0	45.8	
6 Chloromethane	50	1.632	1.632	0.000	99	248355	50.0	49.4	
7 Vinyl chloride	62	1.722	1.722	0.000	99	321283	50.0	50.5	
8 Butadiene	54	1.748	1.748	0.000	92	303698	50.0	53.3	
9 Bromomethane	94	2.010	2.010	0.000	97	140452	50.0	35.3	M
10 Chloroethane	64	2.104	2.104	0.000	99	188913	50.0	55.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	430774	50.0	49.7	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	98	377789	50.0	51.6	
13 Pentane	72	2.351	2.351	0.000	95	46180	100.0	97.9	
14 Ethanol	46	2.513	2.513	0.000	100	32415	2000.0	1902.8	
15 Ethyl ether	59	2.555	2.555	0.000	91	132990	50.0	43.6	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	139618	50.0	50.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	83	200278	50.0	49.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	96	313914	50.0	49.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	97	204296	50.0	50.9	
19 Acrolein	56	2.734	2.734	0.000	52	57455	100.0	93.6	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	95	169123	50.0	48.7	
22 Acetone	43	2.870	2.870	0.000	88	216091	250.0	224.3	
23 Iodomethane	142	2.933	2.933	0.000	99	274312	50.0	53.6	
24 Carbon disulfide	76	2.964	2.964	0.000	99	370096	50.0	49.3	
25 Isopropyl alcohol	45	2.964	2.964	0.000	36	90119	500.0	465.5	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	85	113849	50.0	50.4	
28 Methyl acetate	43	3.127	3.127	0.000	89	218530	100.0	94.9	
29 Cyclopentene	67	3.132	3.132	0.000	93	304979	50.0	50.1	
26 Acetonitrile	41	3.190	3.190	0.000	99	177923	500.0	455.2	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	93	40451	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	3.253	3.253	0.000	85	213402	50.0	47.3	
32 2-Methyl-2-propanol	59	3.321	3.321	0.000	98	156280	500.0	449.6	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	507494	50.0	49.2	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	90	193046	50.0	47.2	
33 Acrylonitrile	53	3.541	3.541	0.000	94	606324	500.0	482.6	
36 Hexane	57	3.630	3.630	0.000	89	164649	50.0	52.2	
40 Isopropyl ether	45	3.866	3.866	0.000	95	516041	50.0	48.4	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	340767	50.0	48.2	
38 Vinyl acetate	86	3.918	3.918	0.000	99	74464	100.0	98.9	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	175383	50.0	50.1	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	90	497429	50.0	49.5	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	78	294353	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	89	79591	50.0	46.5	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	93	242658	50.0	47.9	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	100542	250.0	225.5	
47 Ethyl acetate	70	4.516	4.516	0.000	96	33985	100.0	89.3	
48 Methyl acrylate	55	4.574	4.574	0.000	99	142783	50.0	48.7	
46 Propionitrile	54	4.658	4.658	0.000	98	238164	500.0	476.9	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	122930	50.0	47.3	
51 Tetrahydrofuran	72	4.742	4.742	0.000	74	43483	100.0	95.4	
50 Methacrylonitrile	67	4.773	4.773	0.000	87	779196	500.0	477.0	
52 Chloroform	83	4.805	4.805	0.000	100	379796	50.0	47.9	
55 Cyclohexane	84	4.946	4.946	0.000	87	252284	50.0	50.8	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	93	328471	50.0	49.9	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	191220	50.0	49.6	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	296539	50.0	49.9	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	258380	50.0	49.9	
59 Isobutyl alcohol	43	5.292	5.292	0.000	96	208737	1250.0	1155.1	
62 Isooctane	57	5.334	5.334	0.000	99	401017	50.0	50.5	
60 Benzene	78	5.366	5.366	0.000	95	774476	50.0	49.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	74	166148	50.0	49.1	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	83	520795	50.0	49.5	
63 Isopropyl acetate	61	5.449	5.449	0.000	83	87225	50.0	46.4	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	217888	50.0	45.9	
66 n-Heptane	43	5.554	5.554	0.000	87	129536	50.0	50.5	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	628301	50.0	50.0	
68 n-Butanol	56	6.079	6.079	0.000	84	99517	1250.0	1170.4	
67 Trichloroethene	95	6.115	6.115	0.000	95	219529	50.0	49.2	
70 Methylcyclohexane	83	6.262	6.262	0.000	88	269339	50.0	50.6	
69 Ethyl acrylate	55	6.273	6.273	0.000	97	367335	50.0	49.6	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	94	206040	50.0	49.1	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35260	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	81	95211	100.0	92.4	
74 1,4-Dioxane	88	6.598	6.598	0.000	43	42731	1000.0	870.4	
72 Dibromomethane	93	6.608	6.608	0.000	93	139008	50.0	47.3	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	201265	50.0	49.5	
77 Dichlorobromomethane	83	6.792	6.792	0.000	95	286808	50.0	48.3	
78 2-Nitropropane	41	7.201	7.201	0.000	87	71160	100.0	93.7	
79 2-Chloroethyl vinyl ether	106	7.216	7.216	0.000	85	25599	50.1	49.1	
80 Epichlorohydrin	57	7.326	7.326	0.000	99	312893	1000.0	982.3	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	89	347641	50.0	49.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	669299	250.0	247.1	

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	7.683	7.683	0.000	98	665659	50.0	51.1	
84 Toluene	91	7.772	7.772	0.000	92	875850	50.0	48.8	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	93	300844	50.0	49.6	
86 Ethyl methacrylate	69	8.255	8.255	0.000	86	213164	50.0	49.2	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	98	163003	50.0	49.0	
88 Tetrachloroethene	166	8.501	8.501	0.000	92	256794	50.0	50.1	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	300204	50.0	49.1	
90 2-Hexanone	43	8.805	8.805	0.000	94	450967	250.0	238.4	
93 n-Butyl acetate	43	8.957	8.957	0.000	97	211419	50.0	48.2	
91 Chlorodibromomethane	129	8.989	8.989	0.000	96	247392	50.0	50.6	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	199632	50.0	48.8	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	521667	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	607441	50.0	49.3	
97 Ethylbenzene	106	10.021	10.021	0.000	97	318108	50.0	48.2	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	50	240121	50.0	48.9	
98 m-Xylene & p-Xylene	106	10.215	10.215	0.000	91	383359	50.0	49.6	
99 o-Xylene	106	10.855	10.855	0.000	95	380789	50.0	48.7	
101 n-Butyl acrylate	73	10.871	10.871	0.000	71	139493	50.0	48.2	
100 Styrene	104	10.908	10.908	0.000	96	641497	50.0	49.9	
102 Bromoform	173	11.222	11.222	0.000	97	167335	50.0	48.7	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	241680	50.0	48.9	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	955961	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	236557	50.0	50.7	
106 Bromobenzene	156	11.877	11.877	0.000	87	278309	50.0	49.0	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	220591	50.0	47.9	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	1131607	50.0	50.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	67413	50.0	46.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	44218	50.0	47.0	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	724043	50.0	48.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	99	935358	50.0	50.0	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	752537	50.0	49.6	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	731650	50.0	49.2	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	246125	50.0	50.2	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	646586	50.0	49.1	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	779621	50.0	49.0	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	934612	50.0	50.4	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	482089	50.0	48.4	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	800168	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	93	284267	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	487475	50.0	48.8	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	777528	50.0	49.7	
124 Benzyl chloride	91	13.262	13.262	0.000	99	444006	50.0	50.8	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	772349	50.0	49.8	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	467373	50.0	49.2	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	382596	50.0	49.6	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	422874	50.0	48.2	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	626155	50.0	49.6	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	87	48969	50.0	48.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	283855	50.0	49.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	215884	50.0	49.2	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	104787	50.0	48.1	
134 Naphthalene	128	15.092	15.092	0.000	99	436947	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	154223	50.0	49.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	95.1	
S 137 Xylenes, Total	100				0		100.0	98.3	
S 140 Total BTEX	1				0		250.0	244.7	
S 139 1,3-Dichloropropene, Total	1				0		100.0	99.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00177	Amount Added:	50.00	Units: uL	
GASES Li_00554	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	10.00	Units: uL	
524FREONS_00009	Amount Added:	50.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	50.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:44:41 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671315.D

Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15

Lims ID: STD50

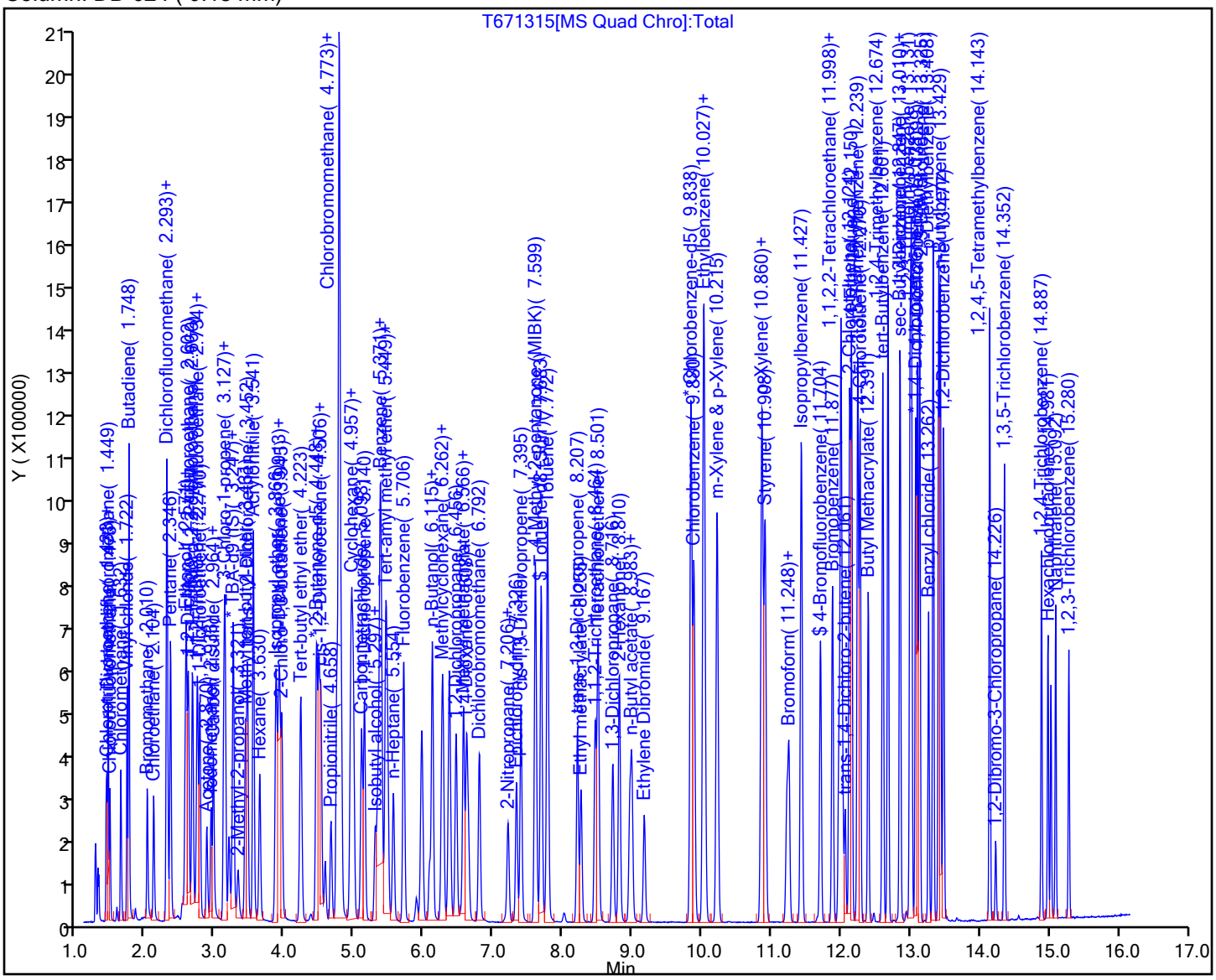
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

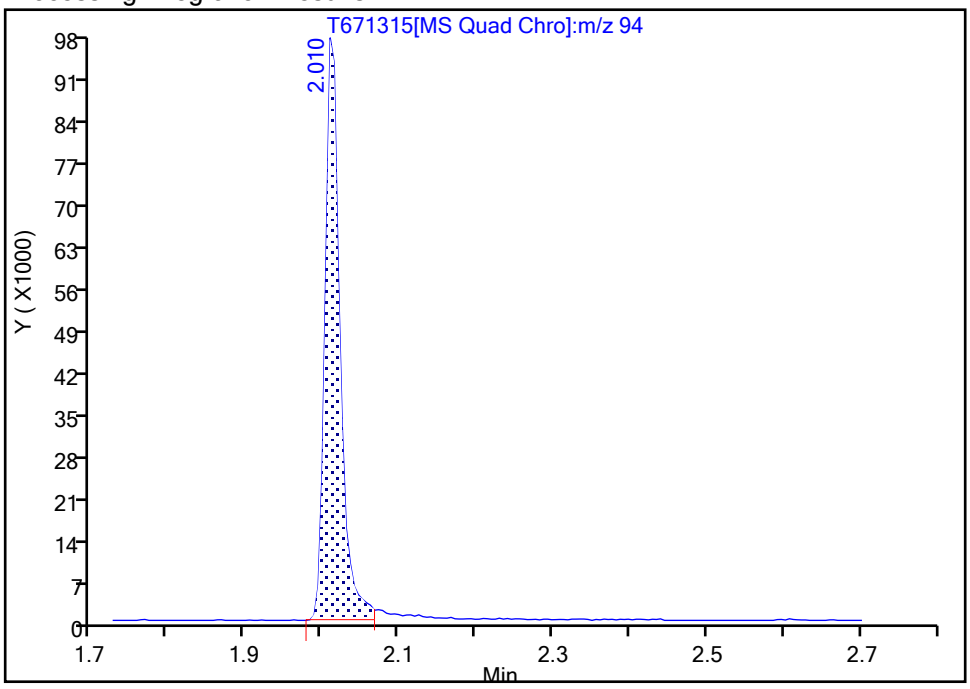
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Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

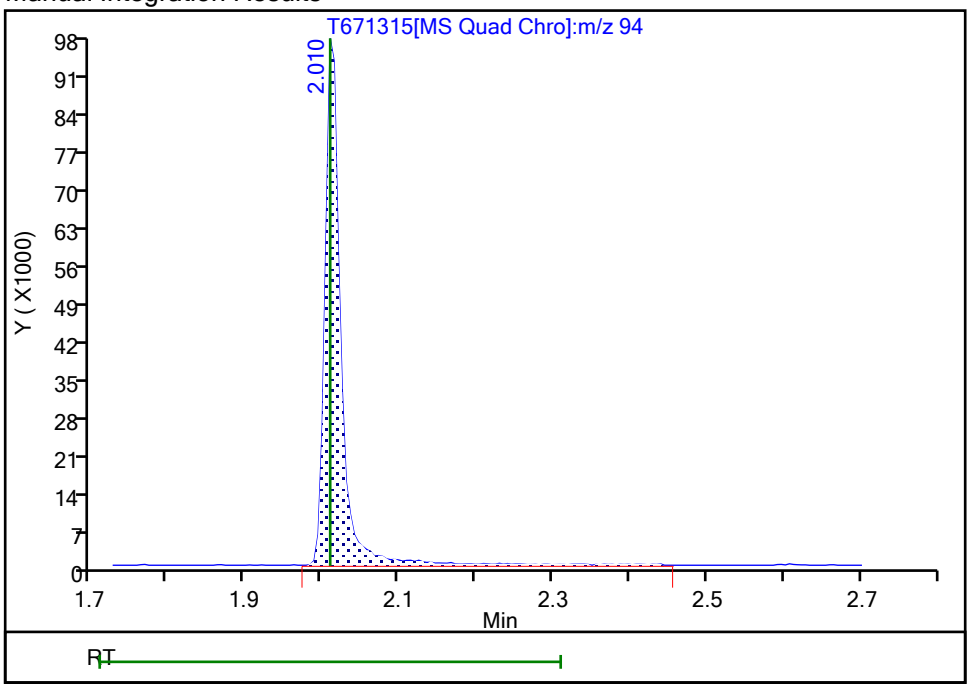
Processing Integration Results

RT: 2.01
Area: 132492
Amount: 34.277201
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 140452
Amount: 35.331435
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:46:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

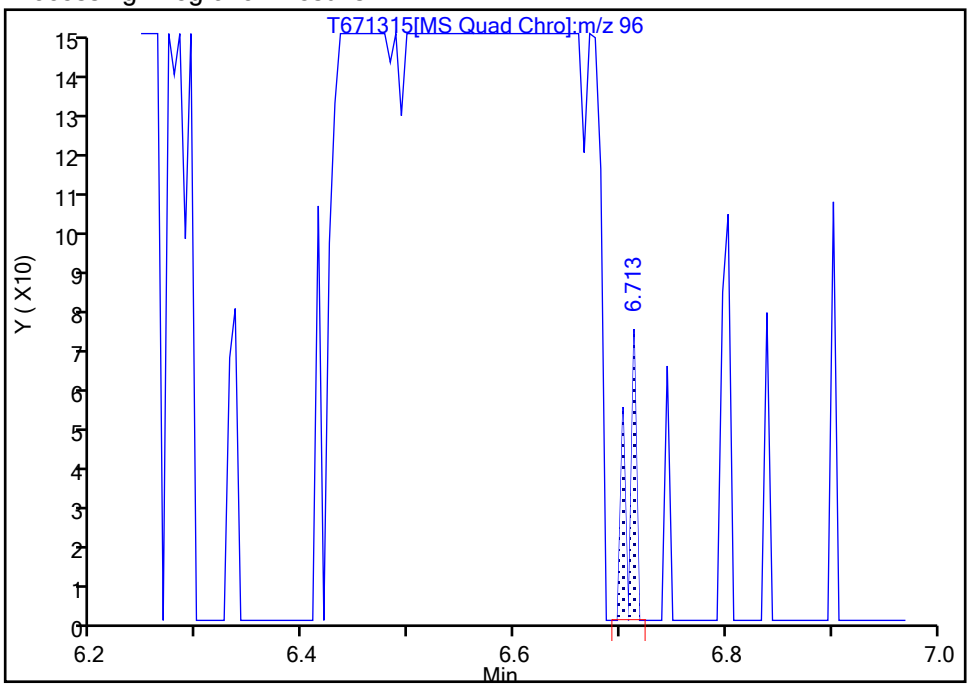
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Injection Date: 27-Oct-2023 14:02:59 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

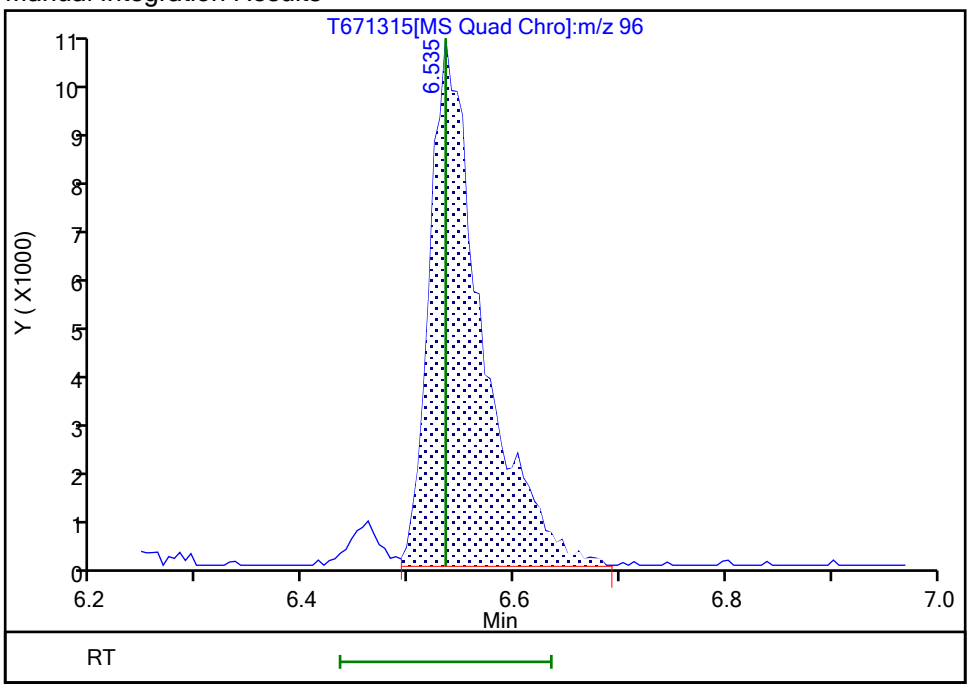
Processing Integration Results

RT: 6.71
Area: 39
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 35260
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:44:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671316.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Oct-2023 14:25:42 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0167990-011
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:45:00 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:44:40

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.318	1.318	0.000	90	40017	200.0	188.5	
3	Chlorotrifluoroethene	116	1.423	1.423	0.000	93	196745	200.0	190.1	
2	1,1-Difluoroethane	65	1.433	1.433	0.000	95	330753	200.0	173.4	
4	Dichlorodifluoromethane	85	1.449	1.449	0.000	100	1062953	200.0	198.3	
5	Chlorodifluoromethane	67	1.475	1.475	0.000	98	127880	200.0	168.9	
6	Chloromethane	50	1.627	1.632	-0.005	99	940014	200.0	179.7	
7	Vinyl chloride	62	1.721	1.722	-0.001	98	1218469	200.0	184.0	
8	Butadiene	54	1.748	1.748	0.000	92	1102088	200.0	186.6	
9	Bromomethane	94	2.015	2.010	0.005	98	815999	200.0	197.4	M
10	Chloroethane	64	2.109	2.104	0.005	99	659689	200.0	178.9	
11	Dichlorofluoromethane	67	2.293	2.293	0.000	97	1746662	200.0	193.9	
12	Trichlorofluoromethane	101	2.298	2.298	0.000	85	1420483	200.0	186.7	
13	Pentane	72	2.351	2.351	0.000	96	185793	400.0	378.7	
14	Ethanol	46	2.513	2.513	0.000	100	135398	8000.0	7346.5	
15	Ethyl ether	59	2.555	2.555	0.000	91	583609	200.0	184.0	
17	2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	581737	200.0	202.1	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	92	799630	200.0	190.1	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	96	1267163	200.0	191.2	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	98	817353	200.0	195.9	
19	Acrolein	56	2.739	2.734	0.005	43	129771	200.0	203.2	
20	1,1-Dichloroethene	96	2.770	2.770	0.000	96	688512	200.0	190.5	
22	Acetone	43	2.870	2.870	0.000	89	1063162	1000.0	1020.9	
23	Iodomethane	142	2.933	2.933	0.000	98	1158888	200.0	216.5	
24	Carbon disulfide	76	2.964	2.964	0.000	99	1491493	200.0	191.1	
25	Isopropyl alcohol	45	2.964	2.964	0.000	36	373189	2000.0	1781.8	
27	3-Chloro-1-propene	76	3.116	3.116	0.000	86	448792	200.0	191.0	
28	Methyl acetate	43	3.132	3.127	0.005	84	942933	400.0	393.7	
29	Cyclopentene	67	3.132	3.132	0.000	92	1269711	200.0	200.7	
26	Acetonitrile	41	3.190	3.190	0.000	99	848484	2000.0	2008.0	
* 31	TBA-d9 (IS)	66	3.247	3.242	0.005	40	43763	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	3.252	3.253	-0.001	85	895001	200.0	190.7	
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	652445	2000.0	1734.9	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	2148851	200.0	200.3	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	90	799946	200.0	188.1	
33 Acrylonitrile	53	3.541	3.541	0.000	94	2750880	2000.0	2007.2	
36 Hexane	57	3.630	3.630	0.000	89	636511	200.0	194.2	
40 Isopropyl ether	45	3.866	3.866	0.000	95	2193097	200.0	197.7	
37 1,1-Dichloroethane	63	3.903	3.897	0.006	99	1473316	200.0	200.2	
38 Vinyl acetate	86	3.918	3.918	0.000	99	323798	400.0	397.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	729295	200.0	200.5	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	90	2121888	200.0	203.0	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	56	318236	250.0	250.0	
44 2,2-Dichloropropane	97	4.458	4.453	0.005	92	337035	200.0	189.5	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	96	1038047	200.0	197.0	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	479092	1000.0	994.0	
47 Ethyl acetate	70	4.516	4.516	0.000	96	149915	400.0	364.3	
48 Methyl acrylate	55	4.574	4.574	0.000	100	606731	200.0	199.2	
46 Propionitrile	54	4.658	4.658	0.000	99	986715	2000.0	1900.0	
49 Chlorobromomethane	128	4.742	4.742	0.000	76	525601	200.0	194.7	
51 Tetrahydrofuran	72	4.742	4.742	0.000	73	191494	400.0	392.8	
50 Methacrylonitrile	67	4.778	4.773	0.005	86	3568233	2000.0	2100.4	
52 Chloroform	83	4.804	4.805	-0.001	100	1654036	200.0	200.5	
55 Cyclohexane	84	4.946	4.946	0.000	87	1008330	200.0	195.4	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	1346344	200.0	196.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	55	199323	50.0	49.7	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	1215486	200.0	196.5	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	1070871	200.0	199.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	97	926111	5000.0	4736.9	
62 Isooctane	57	5.339	5.334	0.005	99	1689488	200.0	204.6	
60 Benzene	78	5.365	5.366	-0.001	95	3365736	200.0	196.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	46	167983	50.0	47.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	82	2254421	200.0	206.0	
63 Isopropyl acetate	61	5.449	5.449	0.000	84	387974	200.0	198.6	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	948071	200.0	192.2	
66 n-Heptane	43	5.554	5.554	0.000	88	531472	200.0	199.3	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	653365	50.0	50.0	
68 n-Butanol	56	6.079	6.079	-0.001	83	432964	5000.0	4706.8	
67 Trichloroethene	95	6.115	6.115	0.000	96	925416	200.0	199.6	
70 Methylcyclohexane	83	6.262	6.262	0.000	88	1098560	200.0	198.4	
69 Ethyl acrylate	55	6.273	6.273	-0.001	96	1560586	200.0	202.6	
71 1,2-Dichloropropane	63	6.461	6.456	0.005	94	867434	200.0	198.6	
* 73 1,4-Dioxane-d8	96	6.540	6.535	0.005	9	30057	1000.0	1000.0	a
75 Methyl methacrylate	100	6.566	6.566	0.000	81	423921	400.0	395.6	
74 1,4-Dioxane	88	6.603	6.598	0.005	40	183982	4000.0	4396.4	
72 Dibromomethane	93	6.608	6.608	0.000	92	595334	200.0	194.8	
76 n-Propyl acetate	43	6.634	6.634	0.000	97	861829	200.0	203.9	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	1234118	200.0	199.8	
78 2-Nitropropane	41	7.201	7.201	0.000	86	307225	400.0	389.1	
79 2-Chloroethyl vinyl ether	106	7.211	7.216	-0.005	80	105212	200.5	193.9	
80 Epichlorohydrin	57	7.332	7.326	0.006	99	1374326	4000.0	4008.2	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	1501890	200.0	196.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	94	2976113	1000.0	1016.4	

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	7.683	7.683	0.000	99	700419	50.0	49.3	
84 Toluene	91	7.777	7.772	0.005	93	3823082	200.0	195.4	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	1334808	200.0	201.6	
86 Ethyl methacrylate	69	8.260	8.255	0.006	86	939525	200.0	198.7	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	97	713908	200.0	196.9	
88 Tetrachloroethene	166	8.506	8.501	0.005	98	1093699	200.0	195.4	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	1299053	200.0	194.7	
90 2-Hexanone	43	8.810	8.805	0.005	93	2051566	1000.0	1003.0	
93 n-Butyl acetate	43	8.957	8.957	0.000	99	904815	200.0	188.9	
91 Chlorodibromomethane	129	8.988	8.989	-0.001	97	1075296	200.0	201.4	
92 Ethylene Dibromide	107	9.172	9.167	0.005	98	862395	200.0	193.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	58	569078	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	98	2665662	200.0	198.5	
97 Ethylbenzene	106	10.021	10.021	0.000	97	1426281	200.0	198.3	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	56	1065077	200.0	198.7	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	96	1641646	200.0	194.6	
99 o-Xylene	106	10.860	10.855	0.005	95	1688302	200.0	198.1	
101 n-Butyl acrylate	73	10.876	10.871	0.005	86	636427	200.0	201.6	
100 Styrene	104	10.907	10.908	-0.001	97	2883431	200.0	205.7	
102 Bromoform	173	11.222	11.222	0.000	97	751217	200.0	200.6	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	1036434	200.0	191.4	
104 Isopropylbenzene	105	11.432	11.427	0.005	95	4140794	200.0	200.2	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	244333	50.0	48.0	
106 Bromobenzene	156	11.877	11.877	0.000	87	1231953	200.0	197.7	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	978684	200.0	193.7	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	4907946	200.0	198.8	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	296254	200.0	185.0	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	95	204132	200.0	197.8	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	3228321	200.0	199.0	
112 4-Ethyltoluene	105	12.155	12.150	0.005	98	4056931	200.0	197.7	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	93	3357260	200.0	201.9	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	3254337	200.0	199.5	
115 Butyl Methacrylate	87	12.391	12.391	0.000	84	1103714	200.0	205.5	
116 tert-Butylbenzene	119	12.606	12.601	0.005	93	2888558	200.0	200.3	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	97	3553102	200.0	203.9	
118 sec-Butylbenzene	105	12.853	12.847	0.006	99	4181536	200.0	205.5	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	2266954	200.0	207.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	3684154	200.0	209.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	311600	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	97	2244970	200.0	204.9	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	97	3429293	200.0	199.9	
124 Benzyl chloride	91	13.262	13.262	0.000	99	1932610	200.0	201.5	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	3502539	200.0	206.0	
127 p-Diethylbenzene	119	13.408	13.408	0.000	95	2187332	200.0	210.0	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	1753150	200.0	207.3	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	2001237	200.0	207.9	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	2922318	200.0	211.1	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	86	220785	200.0	199.3	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	1256887	200.0	201.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	1006665	200.0	209.4	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	488032	200.0	204.5	
134 Naphthalene	128	15.091	15.092	-0.001	99	2060268	200.0	217.4	

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	15.280	15.280	0.000	96	732254	200.0	212.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	385.2	
S 137 Xylenes, Total	100				0		400.0	392.7	
S 140 Total BTEX	1				0		1000.0	982.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	398.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00161	Amount Added:	20.00	Units: uL	
GAS Hi_00454	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	20.00	Units: uL	
MIX I Hi_00169	Amount Added:	20.00	Units: uL	
7 Freons Hi_00007	Amount Added:	20.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	20.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:45:01 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671316.D

Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15

Lims ID: STD200

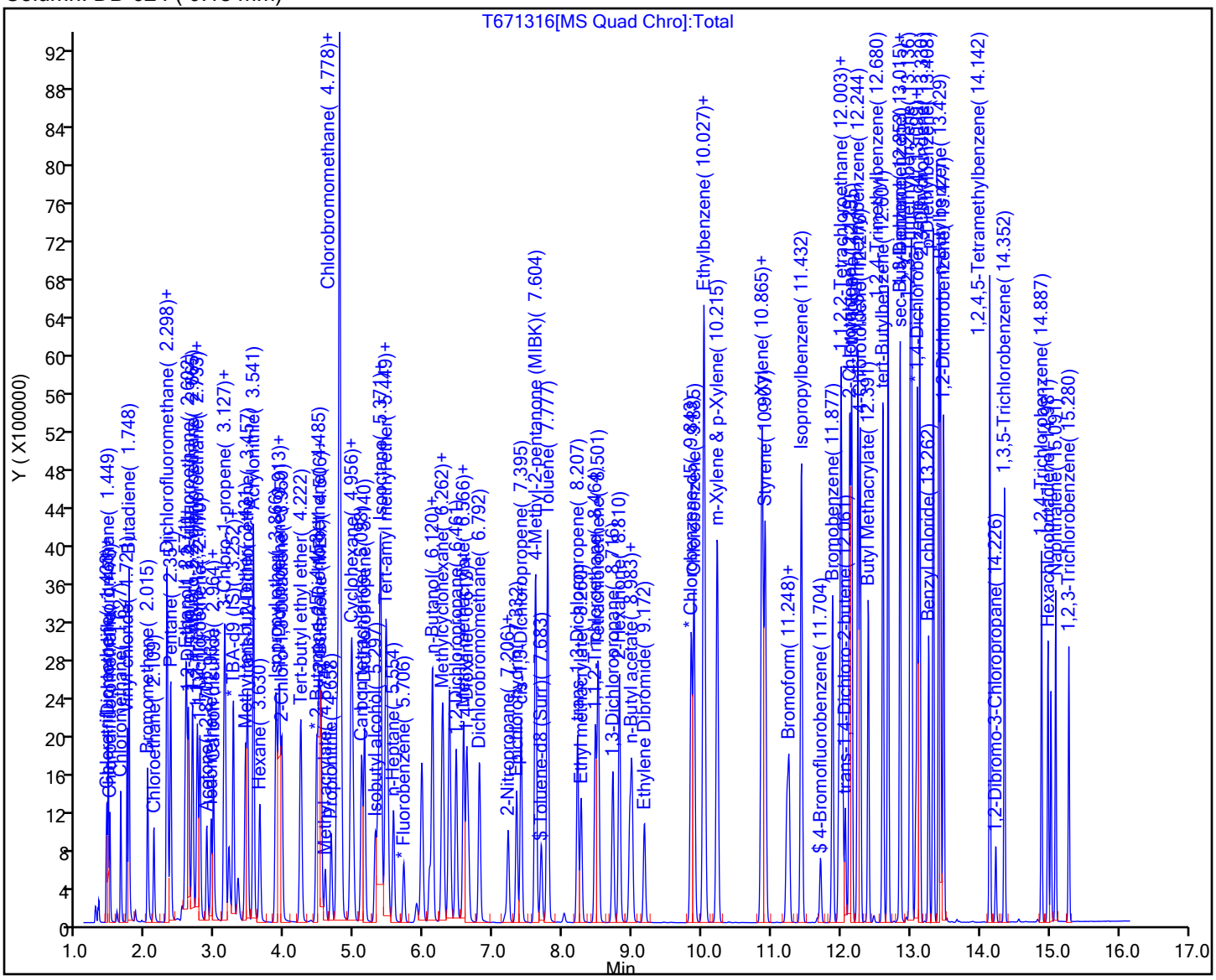
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

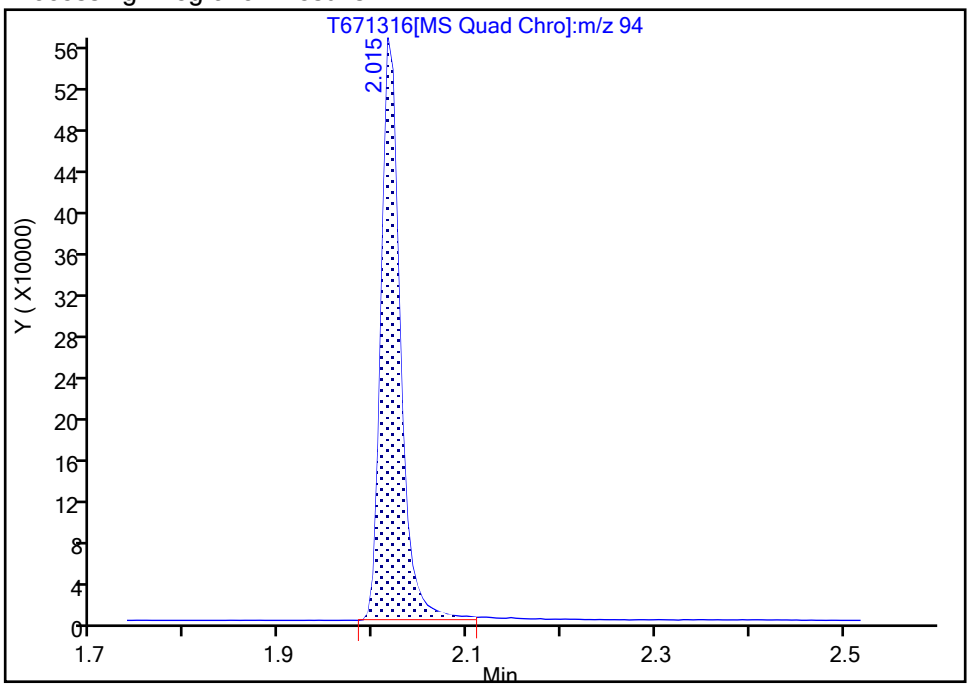
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Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

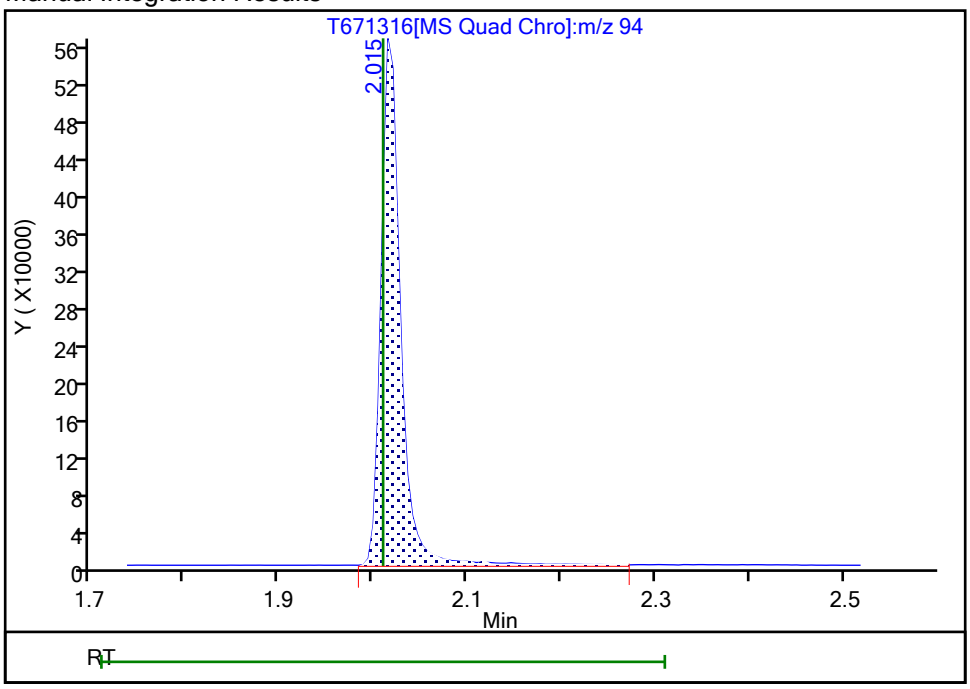
Processing Integration Results

RT: 2.02
Area: 802379
Amount: 194.7413
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 815999
Amount: 197.3944
Amount Units: ug/l



Reviewer: W9CM, 28-Oct-2023 10:17:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

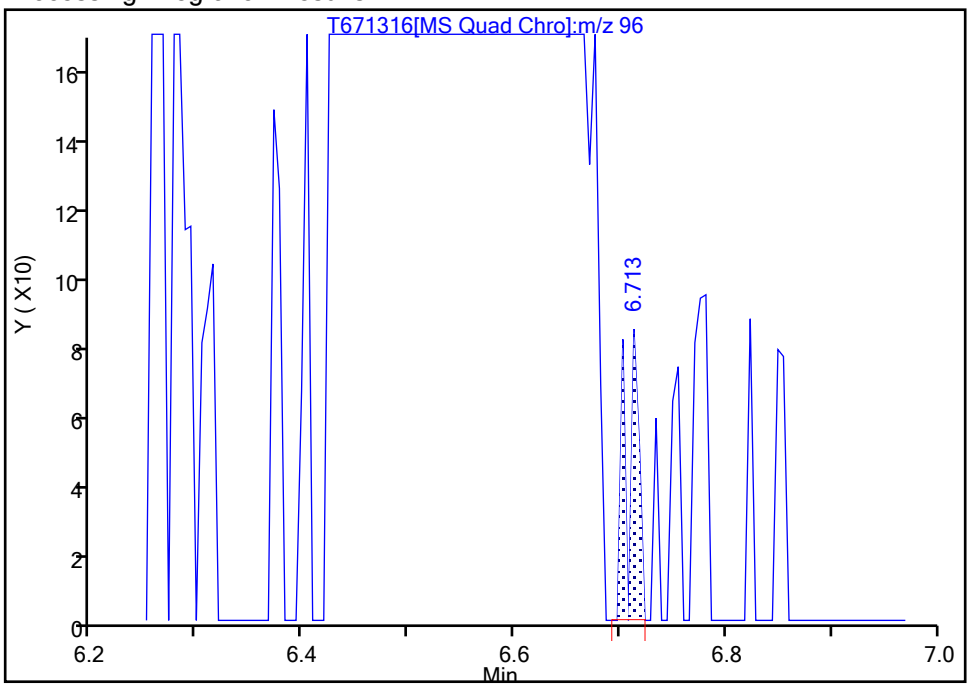
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Injection Date: 27-Oct-2023 14:25:42 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

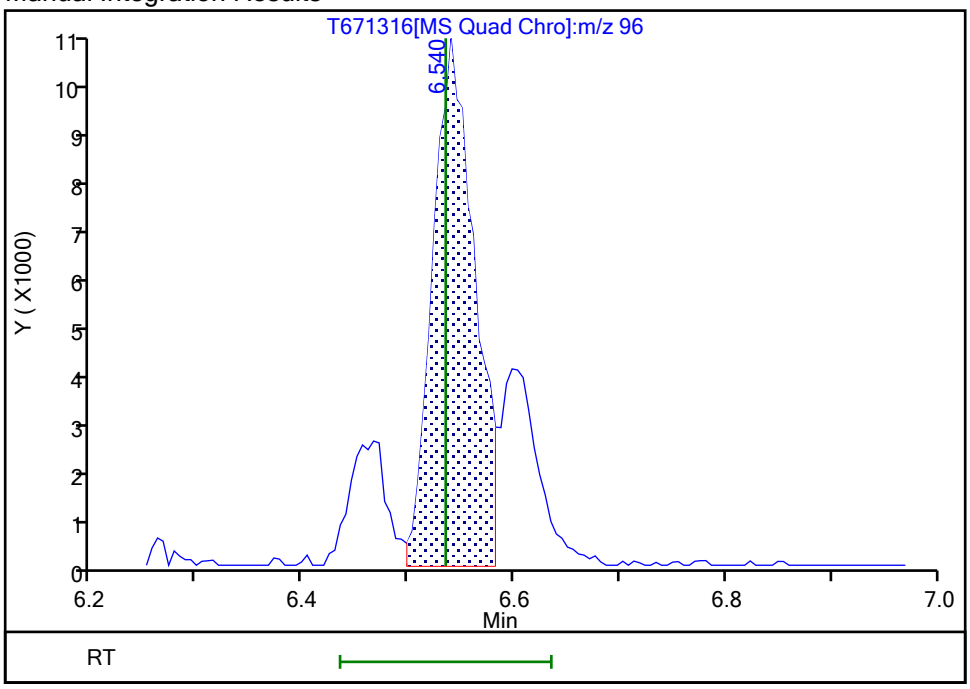
Processing Integration Results

RT: 6.71
Area: 69
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.54
Area: 30057
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:44:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Oct-2023 14:48:16 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0167990-012
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub30

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 10:45:18 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: HVW2 Date: 27-Oct-2023 17:48:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.318	-0.005	95	103498	500.0	502.0	
3 Chlorotrifluoroethene	116	1.418	1.423	-0.005	95	549283	500.0	501.4	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	979737	500.0	474.2	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	3161330	500.0	544.6	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	366233	500.0	446.7	
6 Chloromethane	50	1.627	1.632	-0.005	99	2952450	500.0	521.3	
7 Vinyl chloride	62	1.722	1.722	0.000	98	3491006	500.0	486.9	
8 Butadiene	54	1.748	1.748	0.000	92	3169368	500.0	495.9	
9 Bromomethane	94	2.010	2.010	0.000	97	1007819	500.0	225.1	M
10 Chloroethane	64	2.099	2.104	-0.005	99	2325861	500.0	544.3	
11 Dichlorofluoromethane	67	2.288	2.293	-0.005	97	5461965	500.0	559.9	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	97	4475632	500.0	543.1	
13 Pentane	72	2.346	2.351	-0.005	96	555801	1000.0	1046.4	
14 Ethanol	46	2.519	2.513	0.006	100	420178	20000	22486	a
15 Ethyl ether	59	2.555	2.555	0.000	91	1789249	500.0	521.0	
17 2-Methyl-1,3-butadiene	53	2.571	2.576	-0.005	95	1799904	500.0	577.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.001	92	2309194	500.0	506.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	97	3704672	500.0	516.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.734	-0.006	98	2402570	500.0	531.9	
19 Acrolein	56	2.739	2.734	0.005	41	309111	400.0	447.1	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	95	2016668	500.0	515.4	
22 Acetone	43	2.870	2.870	0.000	88	3021458	2500.0	2503.5	
23 Iodomethane	142	2.928	2.933	-0.005	99	2843725	500.0	490.0	
24 Carbon disulfide	76	2.964	2.964	0.000	99	4406476	500.0	521.4	
25 Isopropyl alcohol	45	2.975	2.964	0.011	42	1114647	5000.0	5249.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	86	1230718	500.0	483.6	
28 Methyl acetate	43	3.132	3.127	0.005	85	2832054	1000.0	1091.9	
29 Cyclopentene	67	3.132	3.132	0.000	93	3726332	500.0	543.9	
26 Acetonitrile	41	3.190	3.190	0.000	98	2474742	5000.0	5053.3	
* 31 TBA-d9 (IS)	66	3.253	3.242	0.011	30	44370	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	3.253	3.253	0.000	85	2570342	500.0	505.9	
32 2-Methyl-2-propanol	59	3.326	3.321	0.005	98	1742808	5000.0	4570.8	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	96	6311419	500.0	543.2	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	89	2437438	500.0	529.4	
33 Acrylonitrile	53	3.546	3.541	0.005	94	8097217	5000.0	4999.2	
36 Hexane	57	3.630	3.630	0.000	90	1804067	500.0	508.4	
40 Isopropyl ether	45	3.866	3.866	0.000	95	6443545	500.0	536.3	
37 1,1-Dichloroethane	63	3.903	3.897	0.006	99	4255034	500.0	534.0	
38 Vinyl acetate	86	3.924	3.918	0.006	99	910507	1000.0	965.0	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	88	2171358	500.0	551.4	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	91	6140019	500.0	542.6	
* 42 2-Butanone-d5	46	4.448	4.448	0.000	50	368826	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	94	979035	500.0	508.3	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	95	3030768	500.0	531.2	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	98	1386545	2500.0	2482.1	
47 Ethyl acetate	70	4.516	4.516	0.000	96	452461	1000.0	948.6	
48 Methyl acrylate	55	4.574	4.574	0.000	100	1710892	500.0	518.7	
46 Propionitrile	54	4.668	4.658	0.010	98	2867257	5000.0	5098.7	
49 Chlorobromomethane	128	4.747	4.742	0.005	76	1482386	500.0	507.0	
51 Tetrahydrofuran	72	4.747	4.742	0.005	73	551065	1000.0	977.3	
50 Methacrylonitrile	67	4.789	4.773	0.016	82	10716072	5000.0	5825.4	
52 Chloroform	83	4.810	4.805	0.005	99	4810811	500.0	538.5	
55 Cyclohexane	84	4.946	4.946	0.000	86	2968247	500.0	531.3	
54 1,1,1-Trichloroethane	97	4.967	4.962	0.005	97	3922059	500.0	529.5	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	37	221694	50.0	51.0	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	3545744	500.0	529.4	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	97	3083577	500.0	529.4	
59 Isobutyl alcohol	43	5.308	5.292	0.016	93	2732406	12500	13785	
62 Isooctane	57	5.339	5.334	0.005	97	4855115	500.0	543.0	a
60 Benzene	78	5.371	5.366	0.005	95	9588875	500.0	491.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.392	5.387	0.005	43	189094	50.0	49.6	
64 Tert-amyl methyl ether	73	5.450	5.449	0.001	82	6532881	500.0	551.2	
63 Isopropyl acetate	61	5.455	5.449	0.006	83	1133146	500.0	535.7	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	2703571	500.0	506.2	
66 n-Heptane	43	5.554	5.554	0.000	88	1482189	500.0	513.2	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	707480	50.0	50.0	
68 n-Butanol	56	6.084	6.079	0.005	84	1312465	12500	14073	
67 Trichloroethene	95	6.121	6.115	0.006	95	2744695	500.0	546.8	
70 Methylcyclohexane	83	6.262	6.262	0.000	90	3154926	500.0	526.3	
69 Ethyl acrylate	55	6.273	6.273	0.000	96	4540953	500.0	544.4	
71 1,2-Dichloropropane	63	6.461	6.456	0.005	93	2464316	500.0	521.0	
* 73 1,4-Dioxane-d8	96	6.556	6.535	0.021	22	33576	1000.0	1000.0	a
75 Methyl methacrylate	100	6.572	6.566	0.006	80	1225023	1000.0	1055.7	
74 1,4-Dioxane	88	6.608	6.598	0.010	40	538491	10000	11519	
72 Dibromomethane	93	6.614	6.608	0.006	92	1649897	500.0	498.6	
76 n-Propyl acetate	43	6.640	6.634	0.006	97	2479494	500.0	541.9	
77 Dichlorobromomethane	83	6.797	6.792	0.005	98	3515086	500.0	525.5	
78 2-Nitropropane	41	7.206	7.201	0.005	85	900174	1000.0	1053.0	
79 2-Chloroethyl vinyl ether	106	7.216	7.216	0.000	80	294908	501.2	502.0	
80 Epichlorohydrin	57	7.337	7.326	0.011	99	3939031	10000	9998.9	
81 cis-1,3-Dichloropropene	75	7.400	7.395	0.005	88	4219850	500.0	485.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.604	7.599	0.005	93	8375202	2500.0	2468.0	

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	7.688	7.683	0.005	99	746156	50.0	46.0	
84 Toluene	91	7.777	7.772	0.005	94	10772574	500.0	482.9	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	3750113	500.0	496.9	
86 Ethyl methacrylate	69	8.260	8.255	0.006	86	2649492	500.0	491.6	
87 1,1,2-Trichloroethane	83	8.464	8.459	0.005	97	1980158	500.0	479.2	
88 Tetrachloroethene	166	8.506	8.501	0.005	98	3136539	500.0	491.6	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	88	3552128	500.0	467.1	
90 2-Hexanone	43	8.816	8.805	0.011	93	5787412	2500.0	2441.3	
93 n-Butyl acetate	43	8.962	8.957	0.005	98	2576025	500.0	471.9	
91 Chlorodibromomethane	129	8.994	8.989	0.005	97	3024720	500.0	497.1	
92 Ethylene Dibromide	107	9.172	9.167	0.005	99	2353733	500.0	463.1	
* 94 Chlorobenzene-d5	117	9.843	9.838	0.005	42	648689	50.0	50.0	
95 Chlorobenzene	112	9.885	9.880	0.005	98	7552022	500.0	493.3	
97 Ethylbenzene	106	10.027	10.021	0.006	97	4280467	500.0	522.0	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	50	3093484	500.0	506.2	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	95	4791677	500.0	498.3	
99 o-Xylene	106	10.866	10.855	0.011	96	5069715	500.0	521.8	
101 n-Butyl acrylate	73	10.876	10.871	0.005	74	1871169	500.0	520.0	
100 Styrene	104	10.913	10.908	0.005	96	8141024	500.0	509.4	
102 Bromoform	173	11.222	11.222	0.000	97	2184423	500.0	511.6	
103 Amyl acetate (mixed isomers)	43	11.254	11.248	0.006	91	2964275	500.0	514.6	
104 Isopropylbenzene	105	11.432	11.427	0.005	95	11641852	500.0	493.9	
$ 105 4-Bromofluorobenzene	174	11.710	11.704	0.006	96	262231	50.0	45.2	
106 Bromobenzene	156	11.883	11.877	0.006	85	3561774	500.0	537.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	2812099	500.0	523.2	
110 N-Propylbenzene	91	12.003	11.998	0.005	98	13361322	500.0	508.8	
108 1,2,3-Trichloropropane	110	12.030	12.024	0.006	96	841255	500.0	493.9	
109 trans-1,4-Dichloro-2-butene	53	12.066	12.061	0.005	95	589831	500.0	537.2	
111 2-Chlorotoluene	91	12.129	12.124	0.005	95	9292992	500.0	538.4	
112 4-Ethyltoluene	105	12.155	12.150	0.005	96	11356398	500.0	520.3	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	9459727	500.0	534.8	
113 4-Chlorotoluene	91	12.281	12.276	0.005	95	9200095	500.0	530.1	
115 Butyl Methacrylate	87	12.397	12.391	0.006	83	3195465	500.0	559.2	
116 tert-Butylbenzene	119	12.606	12.601	0.005	92	8324538	500.0	542.6	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	96	9866624	500.0	532.2	
118 sec-Butylbenzene	105	12.853	12.847	0.006	97	11341852	500.0	524.1	
119 1,3-Dichlorobenzene	146	13.000	12.994	0.006	97	6640419	500.0	571.9	
122 4-Isopropyltoluene	119	13.021	13.015	0.006	94	10280439	500.0	549.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	331486	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	95	6403339	500.0	549.5	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	96	9515792	500.0	521.3	
124 Benzyl chloride	91	13.267	13.262	0.005	100	5472880	500.0	536.5	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	91	9585517	500.0	530.0	
127 p-Diethylbenzene	119	13.409	13.408	0.001	94	6403883	500.0	578.0	
128 n-Butylbenzene	92	13.435	13.429	0.006	98	5059785	500.0	562.4	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	98	5601667	500.0	547.1	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	98	8419176	500.0	571.8	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	87	629536	500.0	534.1	
131 1,3,5-Trichlorobenzene	180	14.358	14.352	0.006	96	3782217	500.0	568.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	3023673	500.0	591.3	
133 Hexachlorobutadiene	225	14.982	14.981	0.001	81	1402806	500.0	552.7	
134 Naphthalene	128	15.092	15.092	0.000	99	5890503	500.0	584.3	

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	15.280	15.280	0.000	96	2141751	500.0	583.3	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1060.7	
S 137 Xylenes, Total	100				0		1000.0	1020.1	
S 140 Total BTEX	1				0		2500.0	2516.0	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	982.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

7 Freons Hi_00007	Amount Added:	50.00	Units: uL	
MIX I Hi_00169	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	50.00	Units: uL	
Ethanol mix_00082	Amount Added:	50.00	Units: uL	
GAS Hi_00454	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	40.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	50.00	Units: uL	
	Amount Added:	5.00	Units: uL	Run Reagent
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 28-Oct-2023 10:45:19 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15

Lims ID: STD500

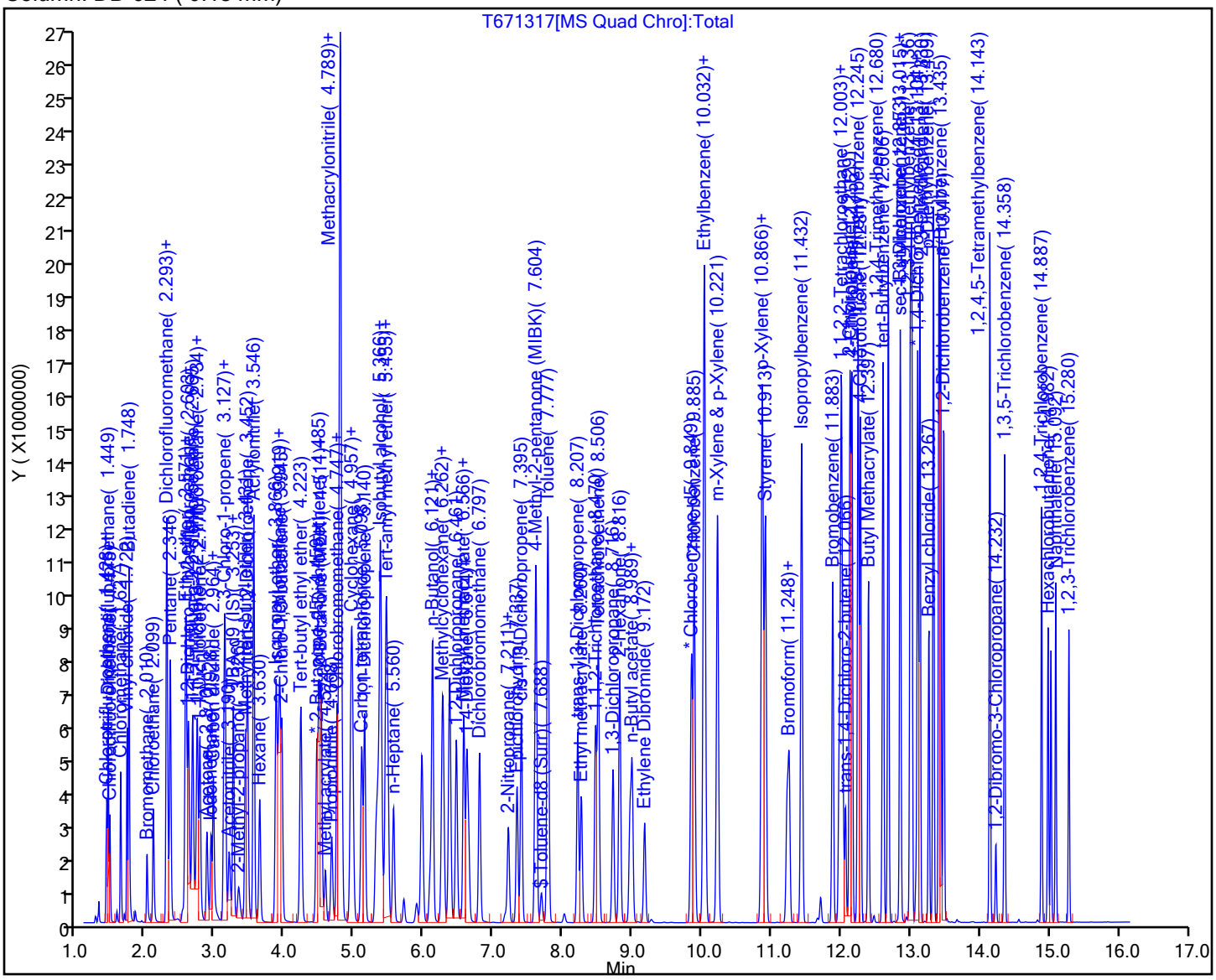
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

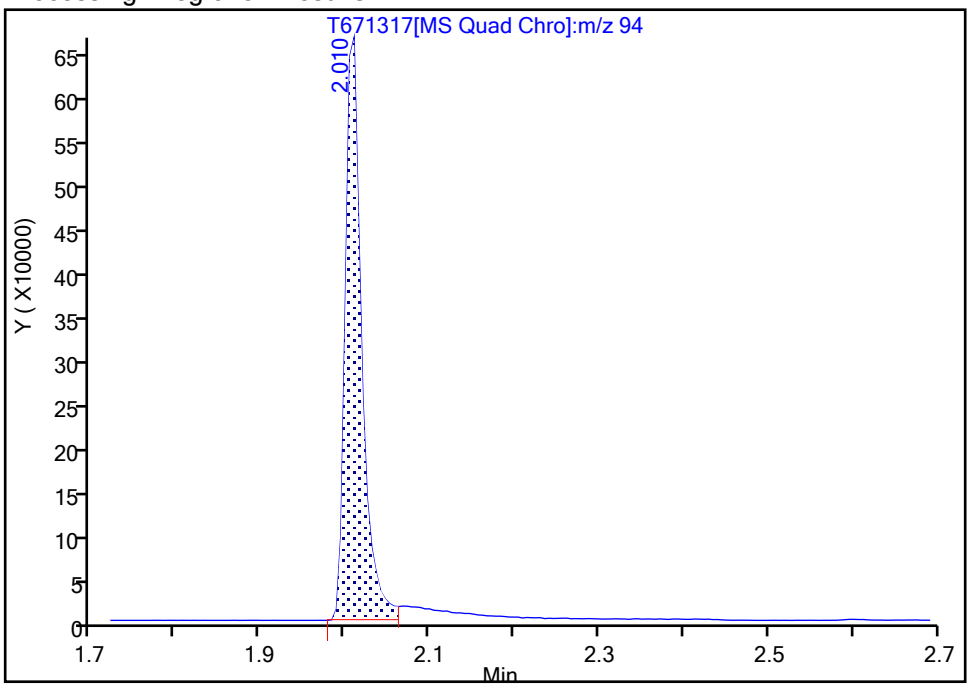
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

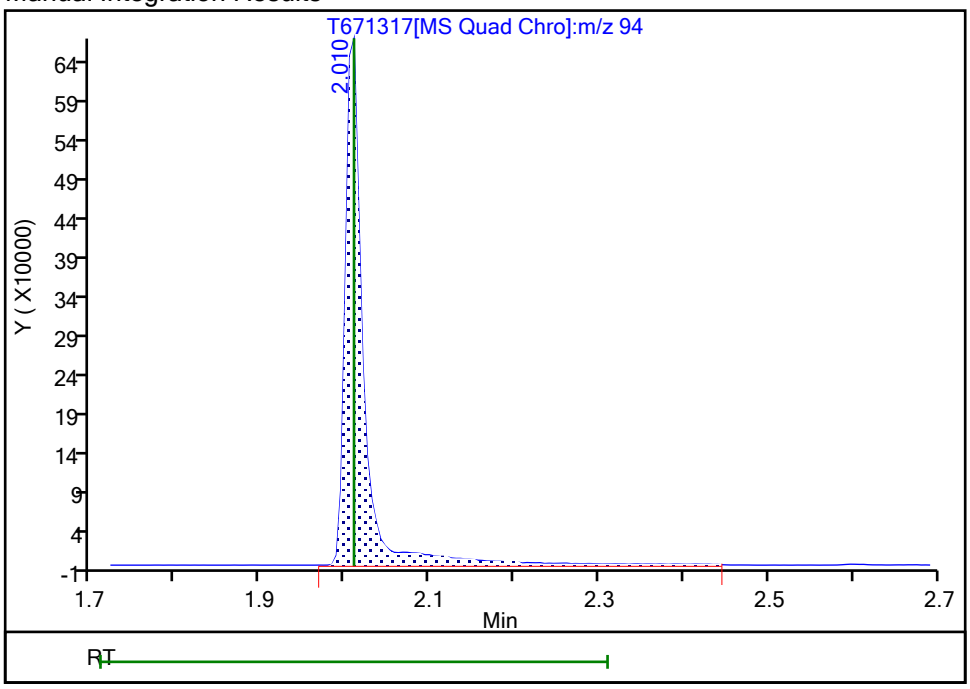
Processing Integration Results

RT: 2.01
Area: 905056
Amount: 235.7830
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 1007819
Amount: 225.1487
Amount Units: ug/l



Reviewer: PUV6, 27-Oct-2023 19:38:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

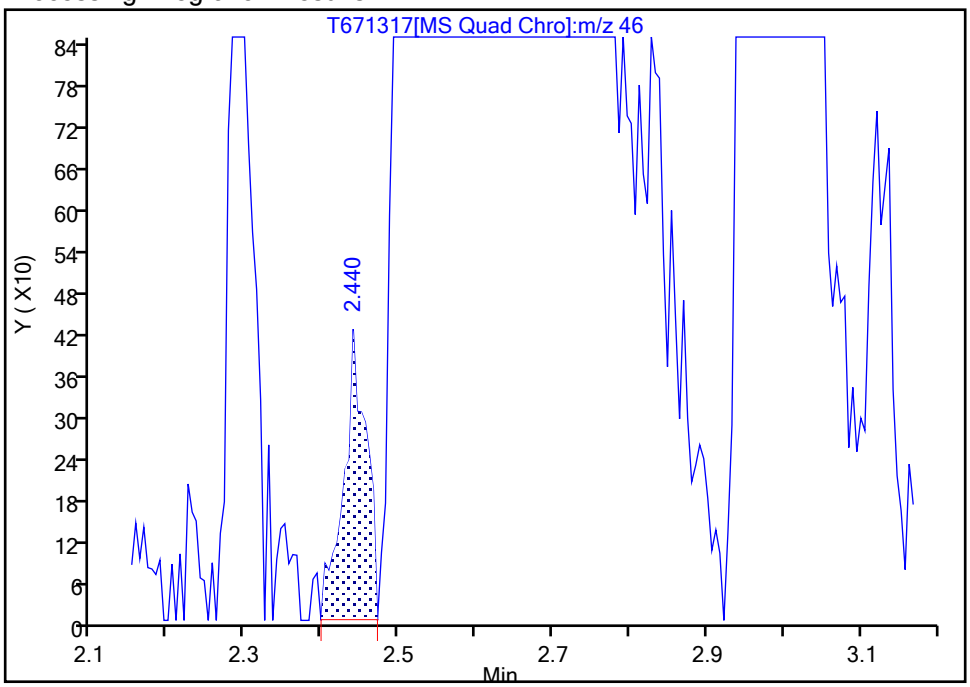
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

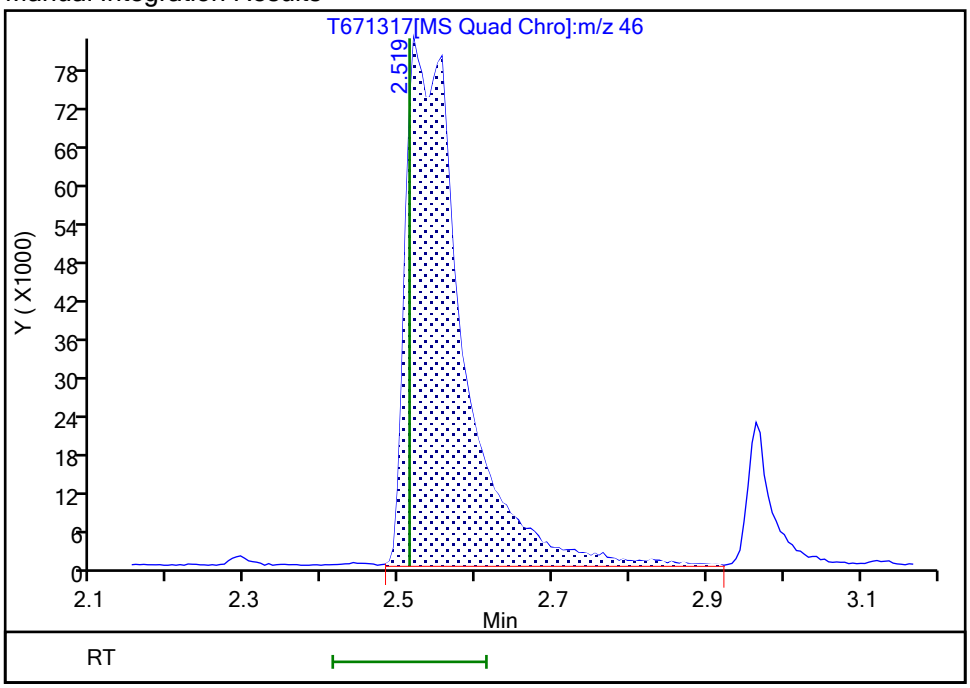
Processing Integration Results

RT: 2.44
Area: 860
Amount: 38.344777
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 420178
Amount: 22486
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

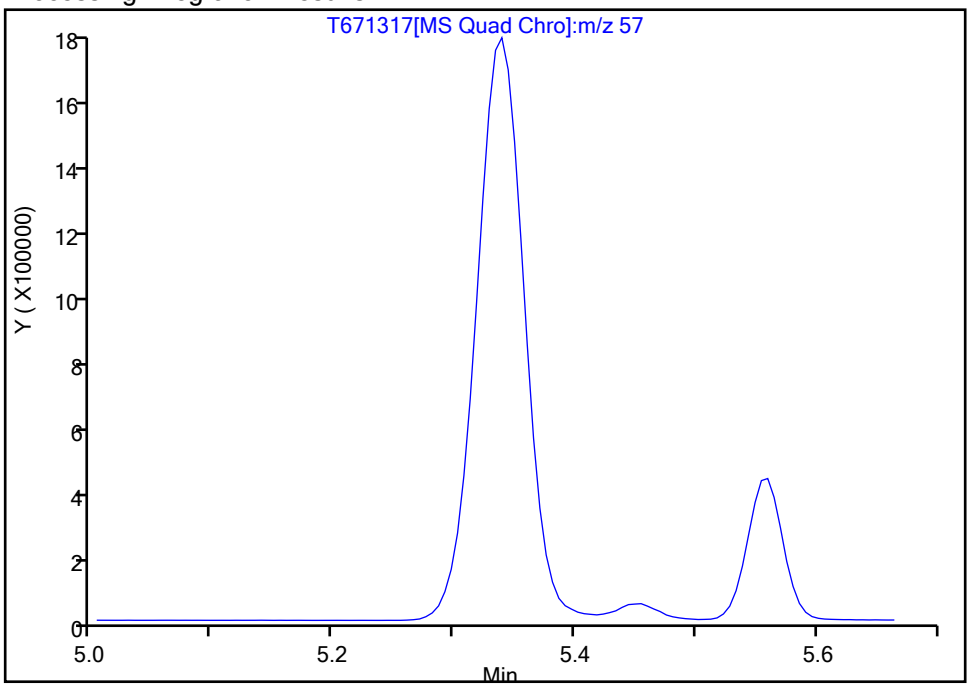
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

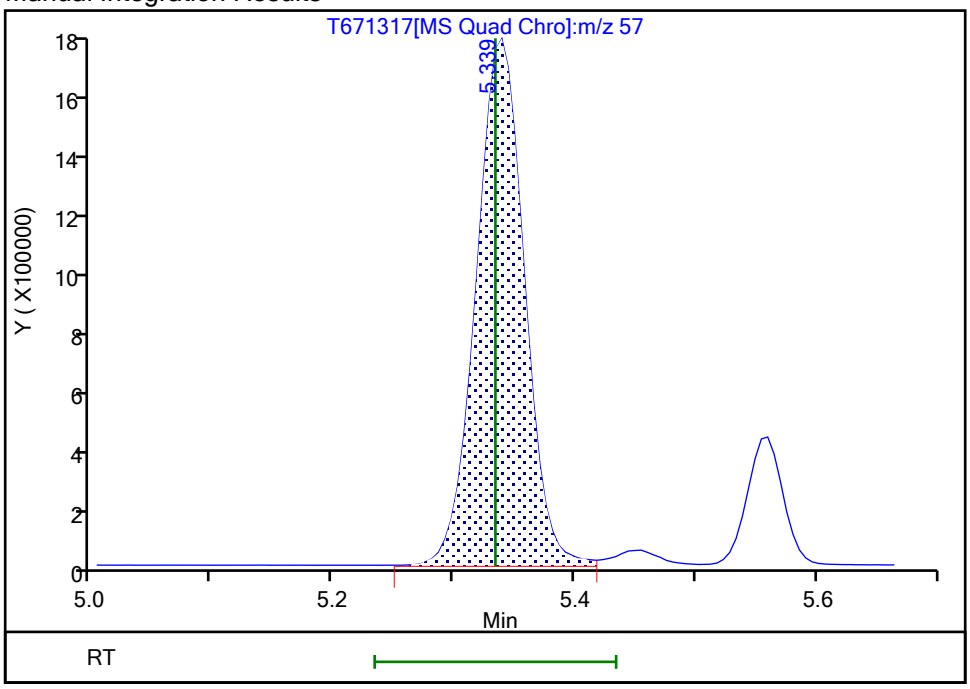
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 4855115
Amount: 542.9655
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

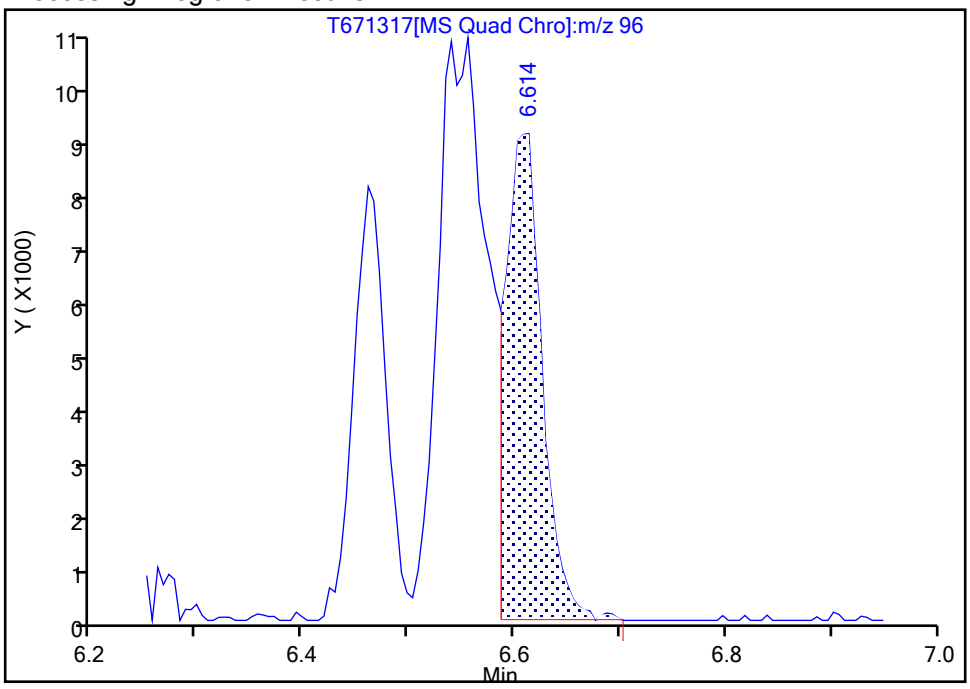
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D
Injection Date: 27-Oct-2023 14:48:16 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

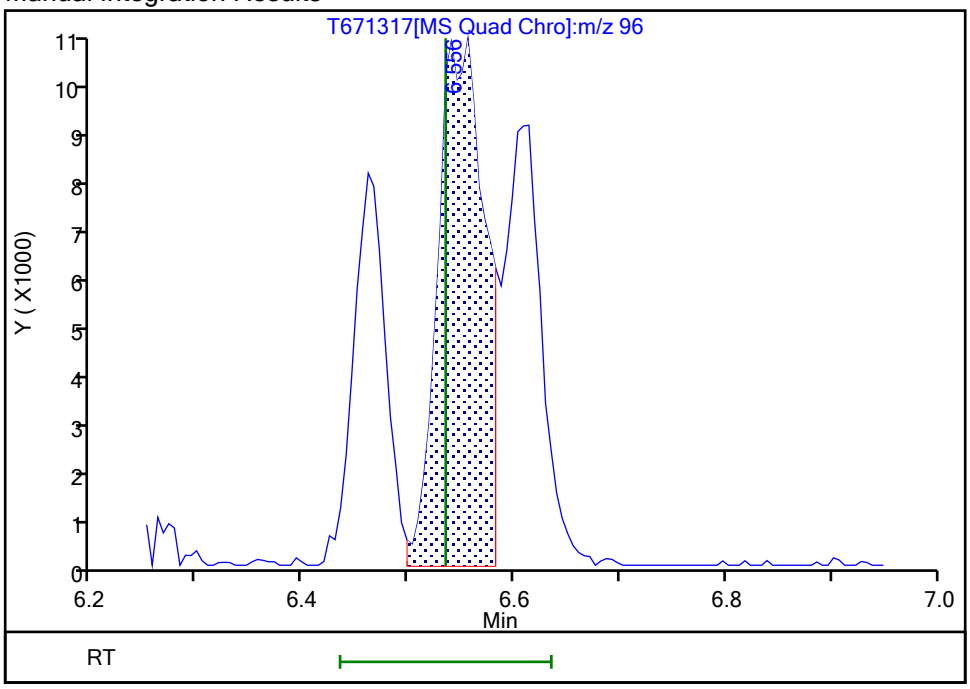
Processing Integration Results

RT: 6.61
Area: 21797
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.56
Area: 33576
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 17:47:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

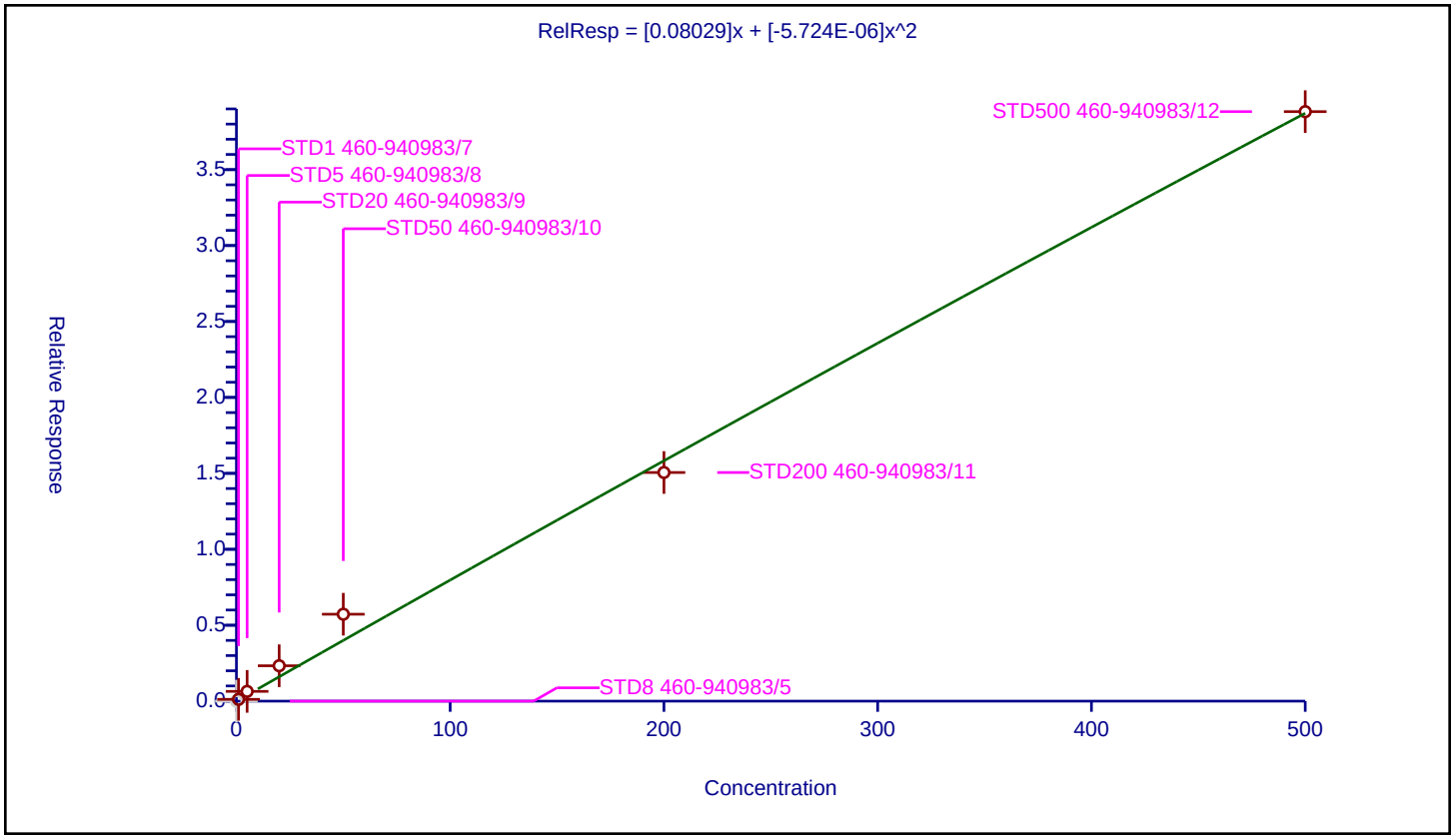
Curve Coefficients

Intercept:	0
Slope:	0.08029
Second Order:	-5.724E-06

Error Coefficients

Standard Error:	294000
Relative Standard Error:	49.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.118685	50.0	562411.0	0.118685	Y
3	STD5 460-940983/8	5.0	0.643279	50.0	576577.0	0.128656	Y
4	STD20 460-940983/9	20.0	2.329193	50.0	598469.0	0.11646	Y
5	STD50 460-940983/10	50.0	5.724326	50.0	628301.0	0.114487	Y
6	STD200 460-940983/11	200.0	15.056286	50.0	653365.0	0.075281	Y
7	STD500 460-940983/12	500.0	38.819684	50.0	707480.0	0.077639	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

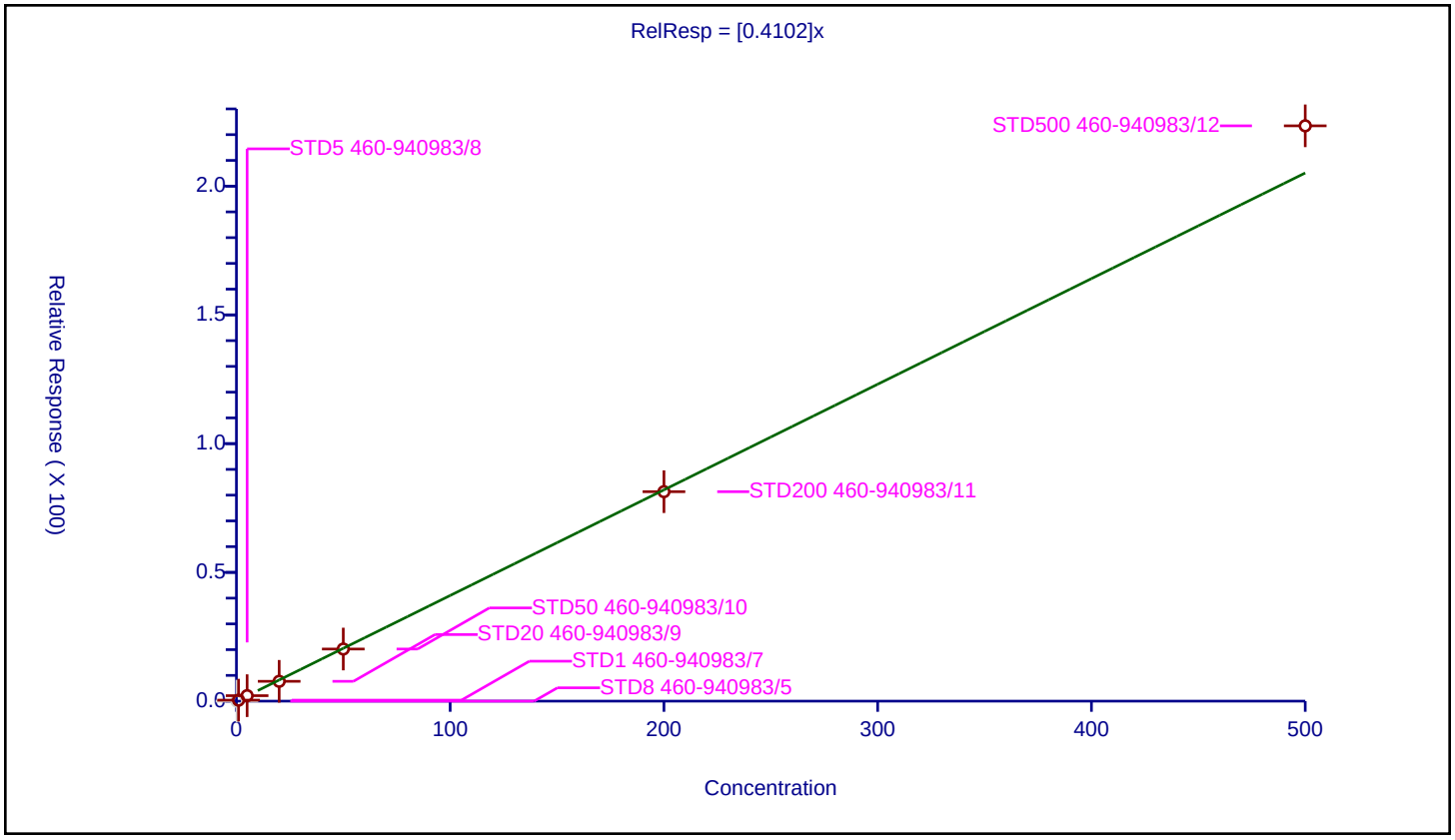
Curve Coefficients

Intercept:	0
Slope:	0.4102

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	5.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.392684	50.0	562411.0	0.392684	Y
3	STD5 460-940983/8	5.0	2.126863	50.0	576577.0	0.425373	Y
4	STD20 460-940983/9	20.0	7.698895	50.0	598469.0	0.384945	Y
5	STD50 460-940983/10	50.0	20.237832	50.0	628301.0	0.404757	Y
6	STD200 460-940983/11	200.0	81.344501	50.0	653365.0	0.406723	Y
7	STD500 460-940983/12	500.0	223.421864	50.0	707480.0	0.446844	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

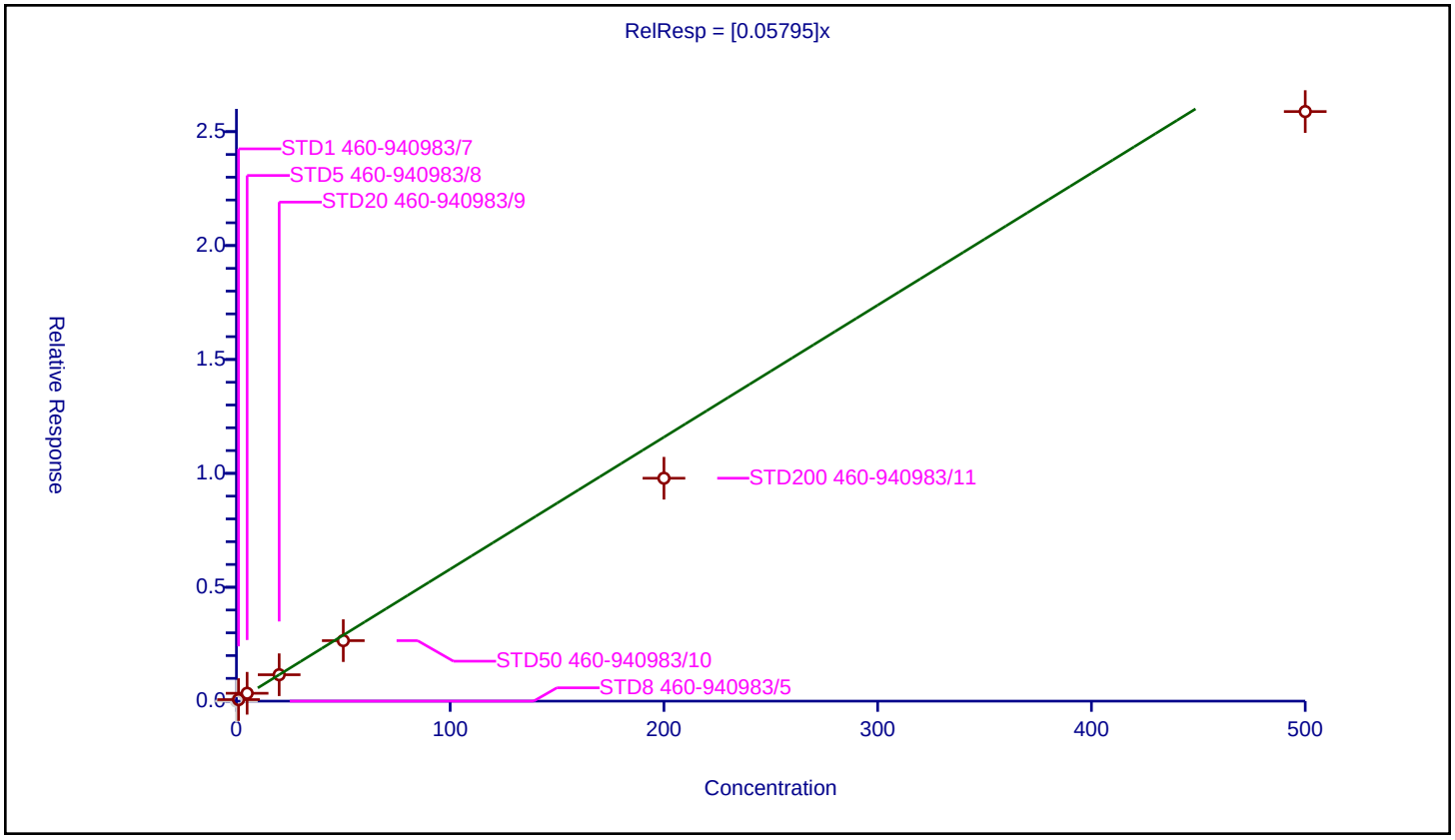
Curve Coefficients

Intercept:	0
Slope:	0.05795

Error Coefficients

Standard Error:	174000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.066766	50.0	562411.0	0.066766	Y
3	STD5 460-940983/8	5.0	0.345661	50.0	576577.0	0.069132	Y
4	STD20 460-940983/9	20.0	1.159041	50.0	598469.0	0.057952	Y
5	STD50 460-940983/10	50.0	2.65637	50.0	628301.0	0.053127	Y
6	STD200 460-940983/11	200.0	9.78626	50.0	653365.0	0.048931	Y
7	STD500 460-940983/12	500.0	25.882922	50.0	707480.0	0.051766	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

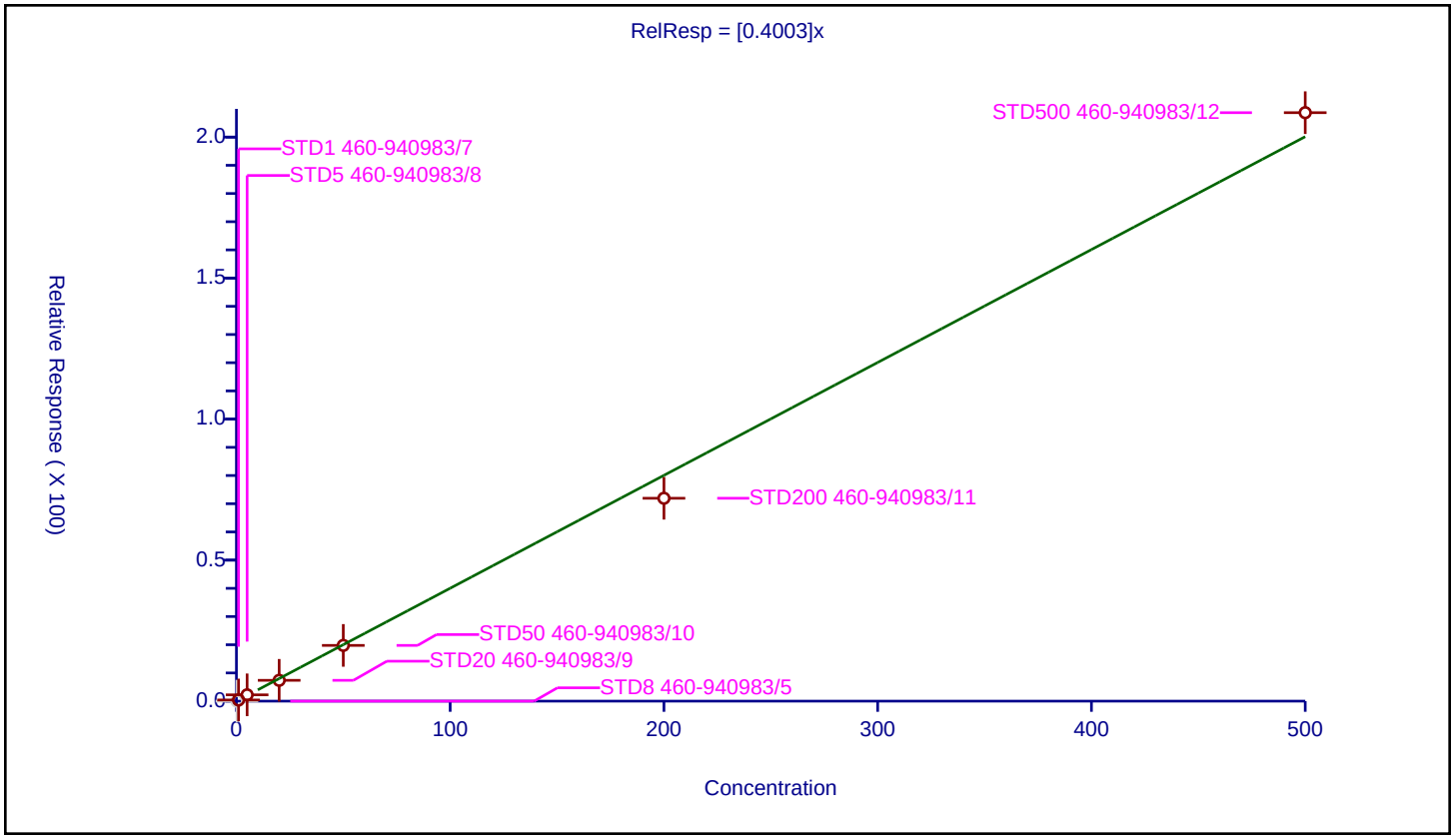
Curve Coefficients

Intercept:	0
Slope:	0.4003

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	8.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.41331	50.0	562411.0	0.41331	Y
3	STD5 460-940983/8	5.0	2.234654	50.0	576577.0	0.446931	Y
4	STD20 460-940983/9	20.0	7.384593	50.0	598469.0	0.36923	Y
5	STD50 460-940983/10	50.0	19.764014	50.0	628301.0	0.39528	Y
6	STD200 460-940983/11	200.0	71.93636	50.0	653365.0	0.359682	Y
7	STD500 460-940983/12	500.0	208.659609	50.0	707480.0	0.417319	Y



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2:16 PM

Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

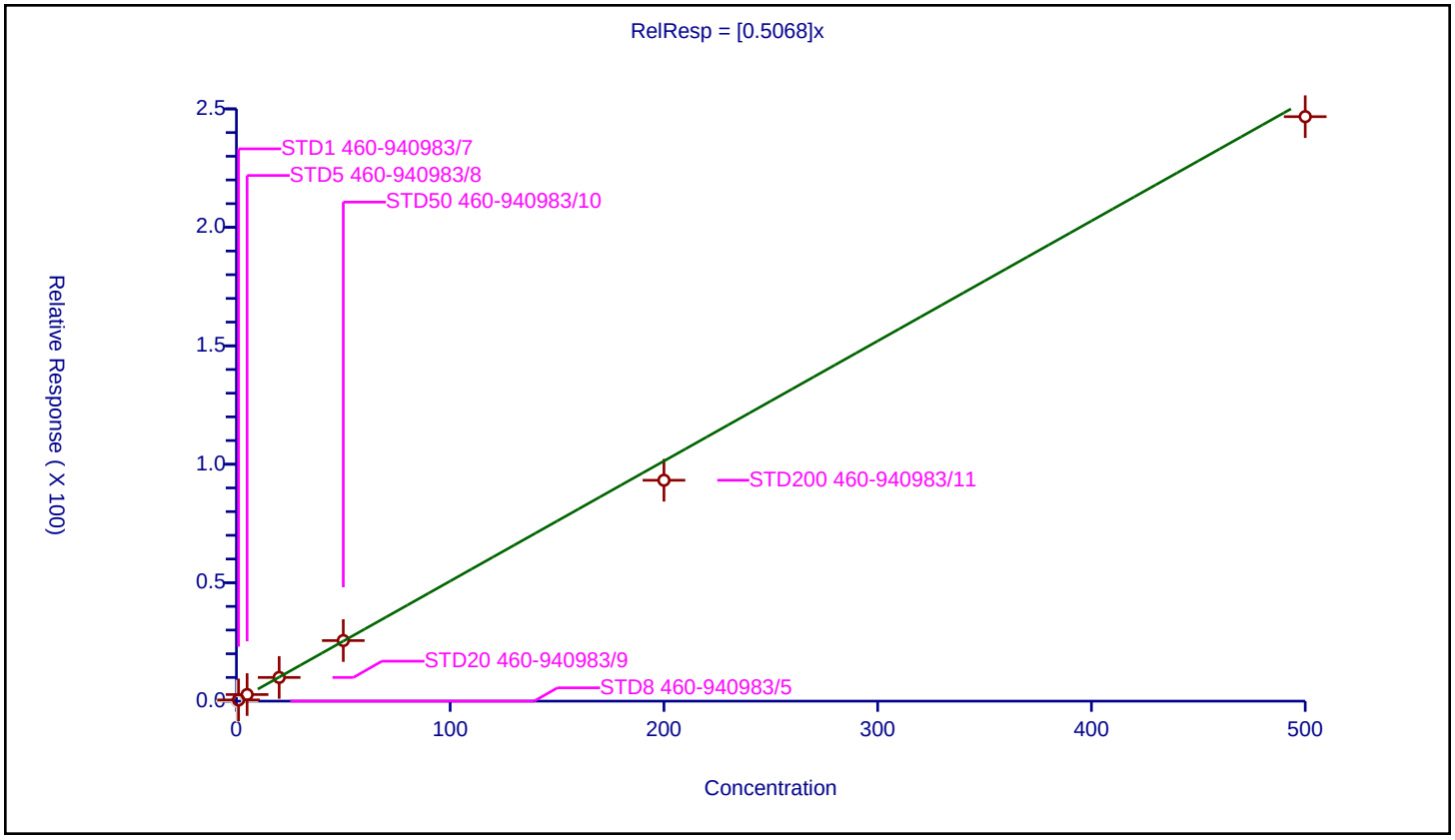
Curve Coefficients

Intercept:	0
Slope:	0.5068

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.512881	50.0	562411.0	0.512881	Y
3	STD5 460-940983/8	5.0	2.782456	50.0	576577.0	0.556491	Y
4	STD20 460-940983/9	20.0	10.003024	50.0	598469.0	0.500151	Y
5	STD50 460-940983/10	50.0	25.567602	50.0	628301.0	0.511352	Y
6	STD200 460-940983/11	200.0	93.245659	50.0	653365.0	0.466228	Y
7	STD500 460-940983/12	500.0	246.721179	50.0	707480.0	0.493442	Y



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Calibration / Butadiene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

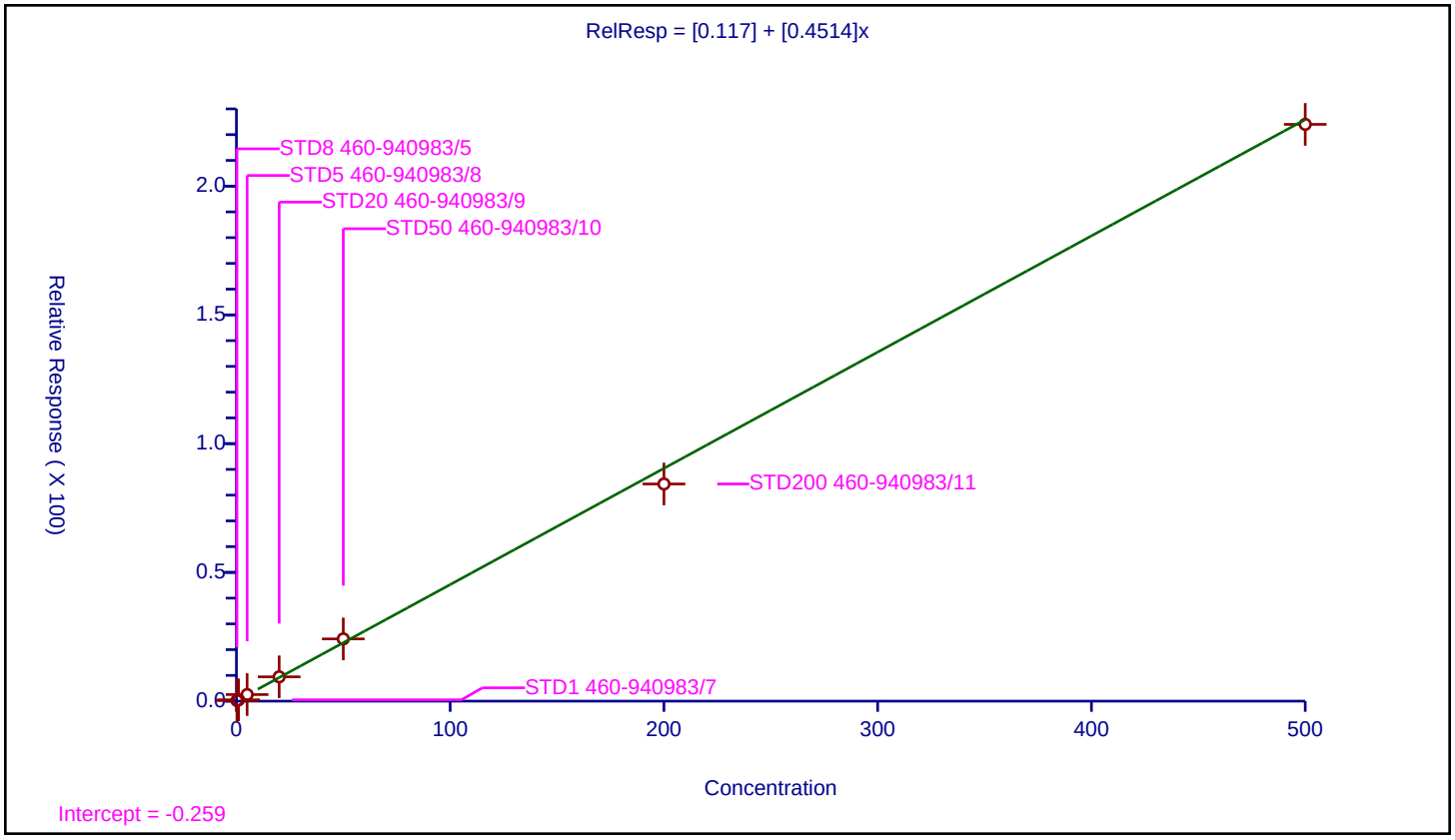
Curve Coefficients

Intercept:	0.117
Slope:	0.4514

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.232914	50.0	510919.0	0.931655	Y
2	STD1 460-940983/7	1.0	0.511637	50.0	562411.0	0.511637	Y
3	STD5 460-940983/8	5.0	2.546494	50.0	576577.0	0.509299	Y
4	STD20 460-940983/9	20.0	9.437331	50.0	598469.0	0.471867	Y
5	STD50 460-940983/10	50.0	24.168193	50.0	628301.0	0.483364	Y
6	STD200 460-940983/11	200.0	84.339382	50.0	653365.0	0.421697	Y
7	STD500 460-940983/12	500.0	223.989936	50.0	707480.0	0.44798	Y



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2:16 PM

Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

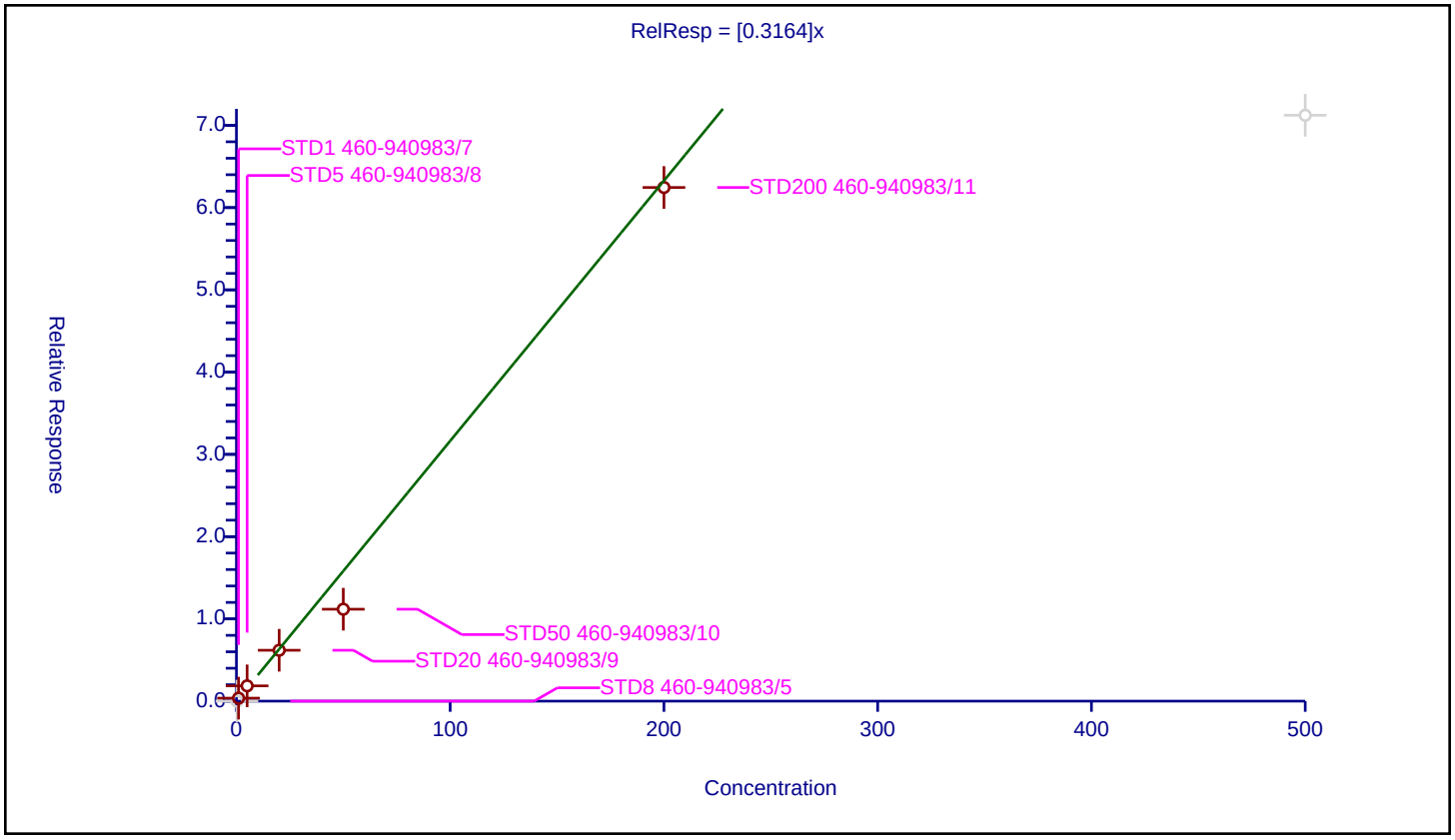
Curve Coefficients

Intercept:	0
Slope:	0.3164

Error Coefficients

Standard Error:	416000
Relative Standard Error:	18.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.365213	50.0	562411.0	0.365213	Y
3	STD5 460-940983/8	5.0	1.857167	50.0	576577.0	0.371433	Y
4	STD20 460-940983/9	20.0	6.186703	50.0	598469.0	0.309335	Y
5	STD50 460-940983/10	50.0	11.177127	50.0	628301.0	0.223543	Y
6	STD200 460-940983/11	200.0	62.445876	50.0	653365.0	0.312229	Y
7	STD500 460-940983/12	500.0	71.225971	50.0	707480.0	0.142452	N



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2:16 PM

Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

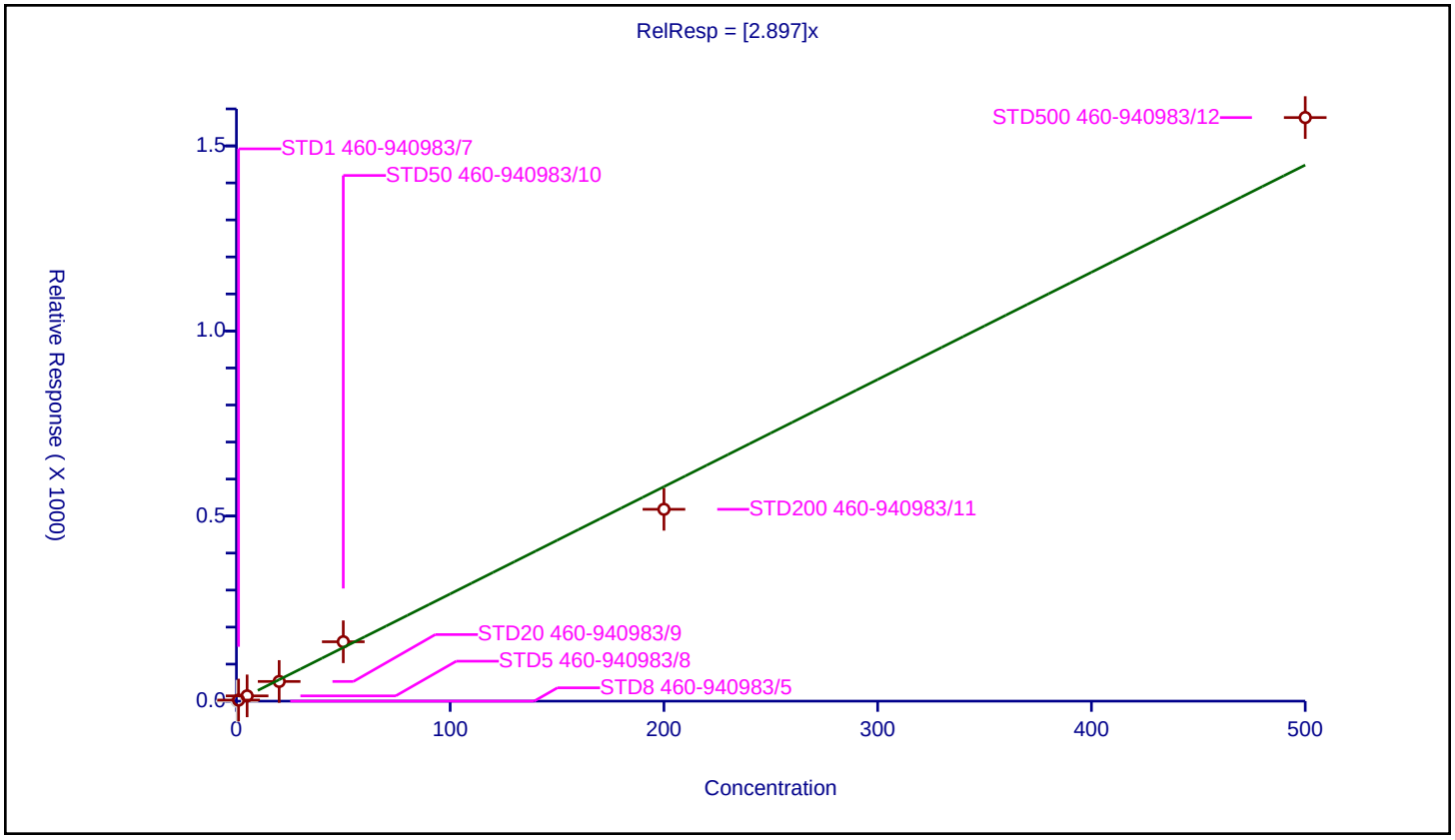
Curve Coefficients

Intercept:	0
Slope:	2.897

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	8.7
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	250.0	230633.0	0.0	N
2	STD1 460-940983/7	1.0	2.933286	250.0	244521.0	2.933286	Y
3	STD5 460-940983/8	5.0	14.176503	250.0	259849.0	2.835301	Y
4	STD20 460-940983/9	20.0	53.155753	250.0	278634.0	2.657788	Y
5	STD50 460-940983/10	50.0	160.44766	250.0	294353.0	3.208953	Y
6	STD200 460-940983/11	200.0	518.238823	250.0	318236.0	2.591194	Y
7	STD500 460-940983/12	500.0	1576.52999	250.0	368826.0	3.15306	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

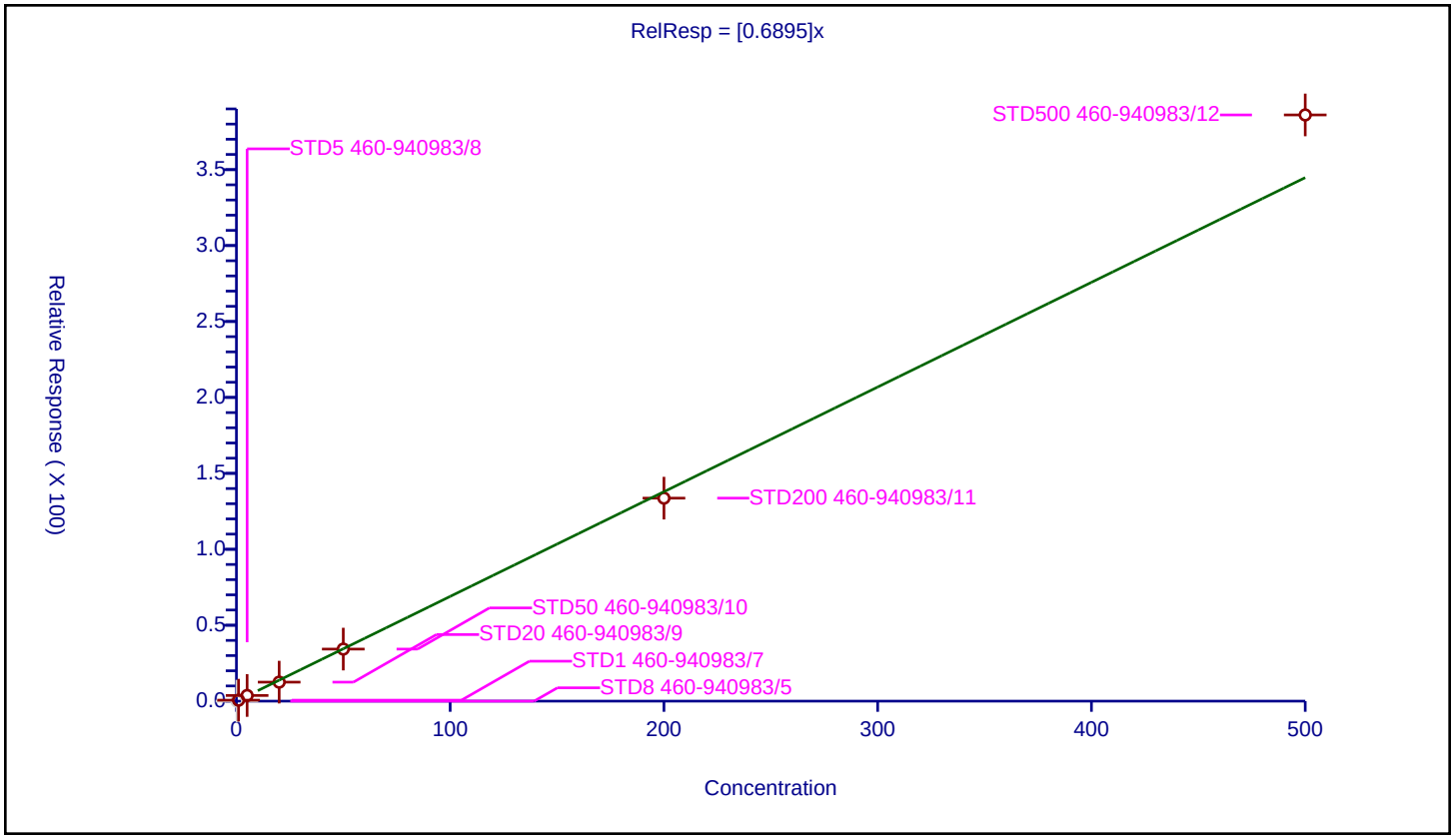
Curve Coefficients

Intercept:	0
Slope:	0.6895

Error Coefficients

Standard Error:	2570000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.640457	50.0	562411.0	0.640457	Y
3	STD5 460-940983/8	5.0	3.724741	50.0	576577.0	0.744948	Y
4	STD20 460-940983/9	20.0	12.508083	50.0	598469.0	0.625404	Y
5	STD50 460-940983/10	50.0	34.280862	50.0	628301.0	0.685617	Y
6	STD200 460-940983/11	200.0	133.666634	50.0	653365.0	0.668333	Y
7	STD500 460-940983/12	500.0	386.015506	50.0	707480.0	0.772031	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

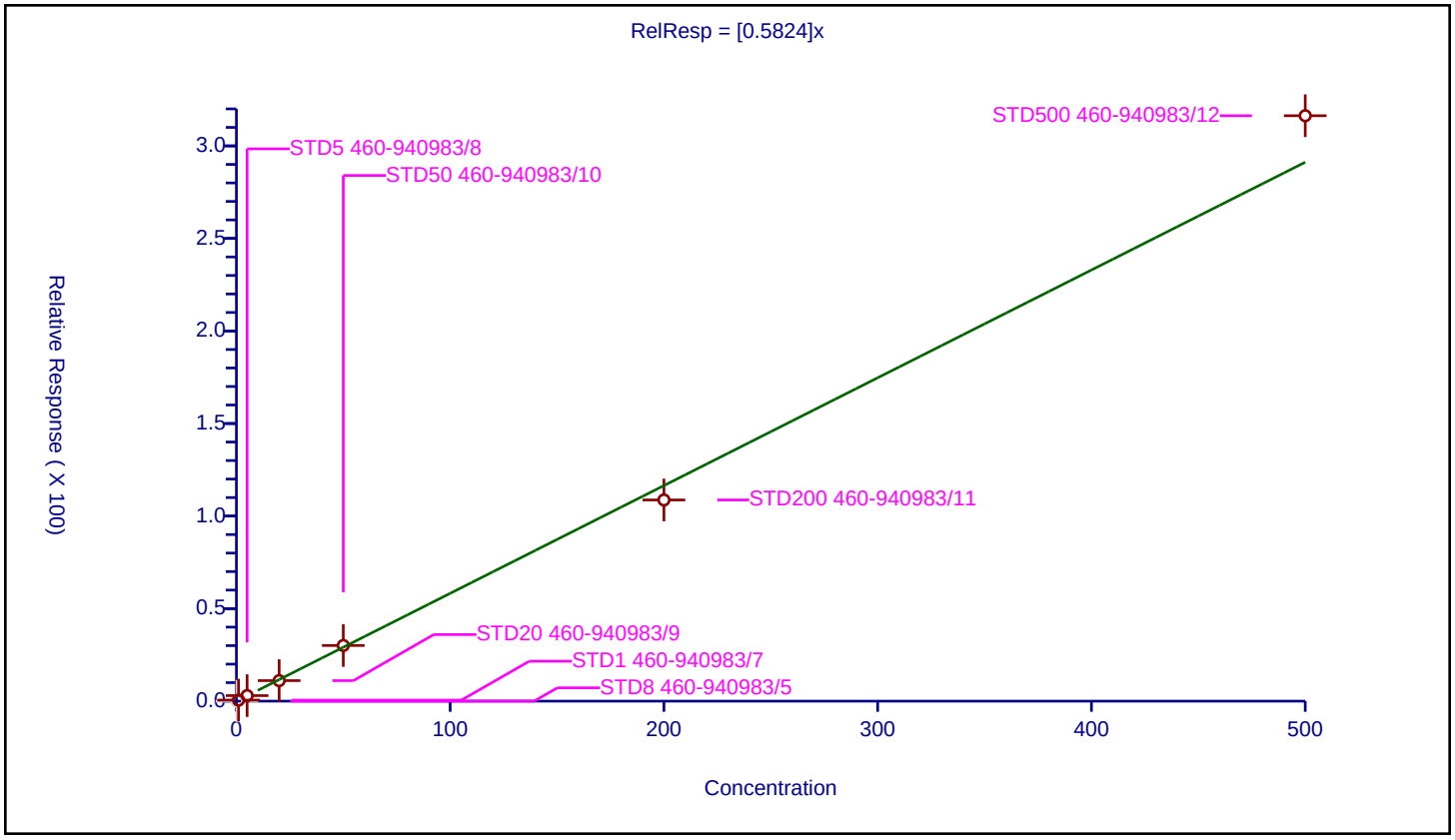
Curve Coefficients

Intercept:	0
Slope:	0.5824

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	5.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.25	0.0	50.0	510919.0	0.0	N
2	STD1 460-940983/7	1.0	0.565423	50.0	562411.0	0.565423	Y
3	STD5 460-940983/8	5.0	2.983123	50.0	576577.0	0.596625	Y
4	STD20 460-940983/9	20.0	11.094727	50.0	598469.0	0.554736	Y
5	STD50 460-940983/10	50.0	30.064332	50.0	628301.0	0.601287	Y
6	STD200 460-940983/11	200.0	108.705165	50.0	653365.0	0.543526	Y
7	STD500 460-940983/12	500.0	316.308023	50.0	707480.0	0.632616	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

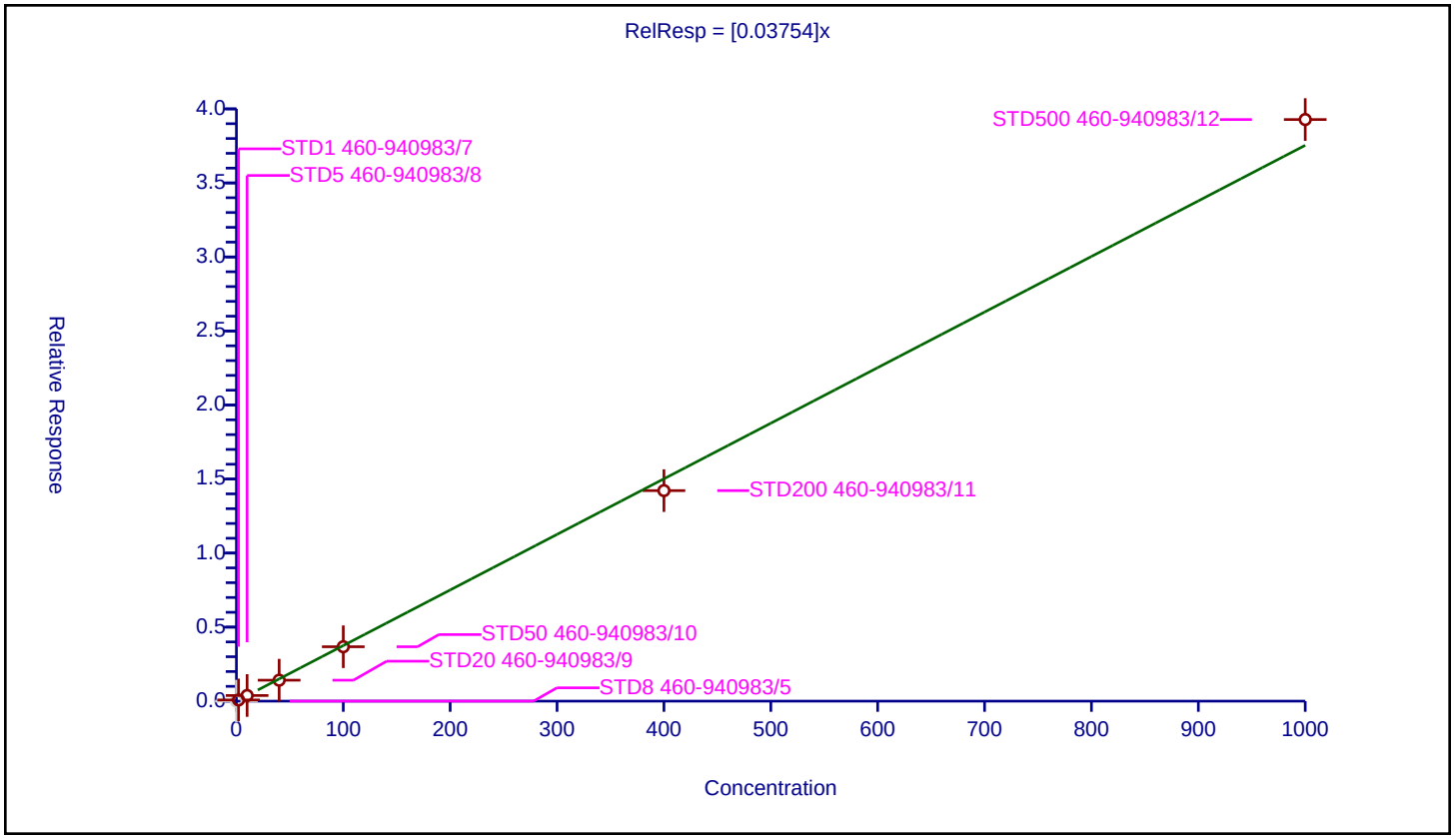
Curve Coefficients

Intercept:	0
Slope:	0.03754

Error Coefficients

Standard Error:	263000
Relative Standard Error:	5.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.080546	50.0	562411.0	0.040273	Y
3	STD5 460-940983/8	10.0	0.380348	50.0	576577.0	0.038035	Y
4	STD20 460-940983/9	40.0	1.414192	50.0	598469.0	0.035355	Y
5	STD50 460-940983/10	100.0	3.67499	50.0	628301.0	0.03675	Y
6	STD200 460-940983/11	400.0	14.218163	50.0	653365.0	0.035545	Y
7	STD500 460-940983/12	1000.0	39.280333	50.0	707480.0	0.03928	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

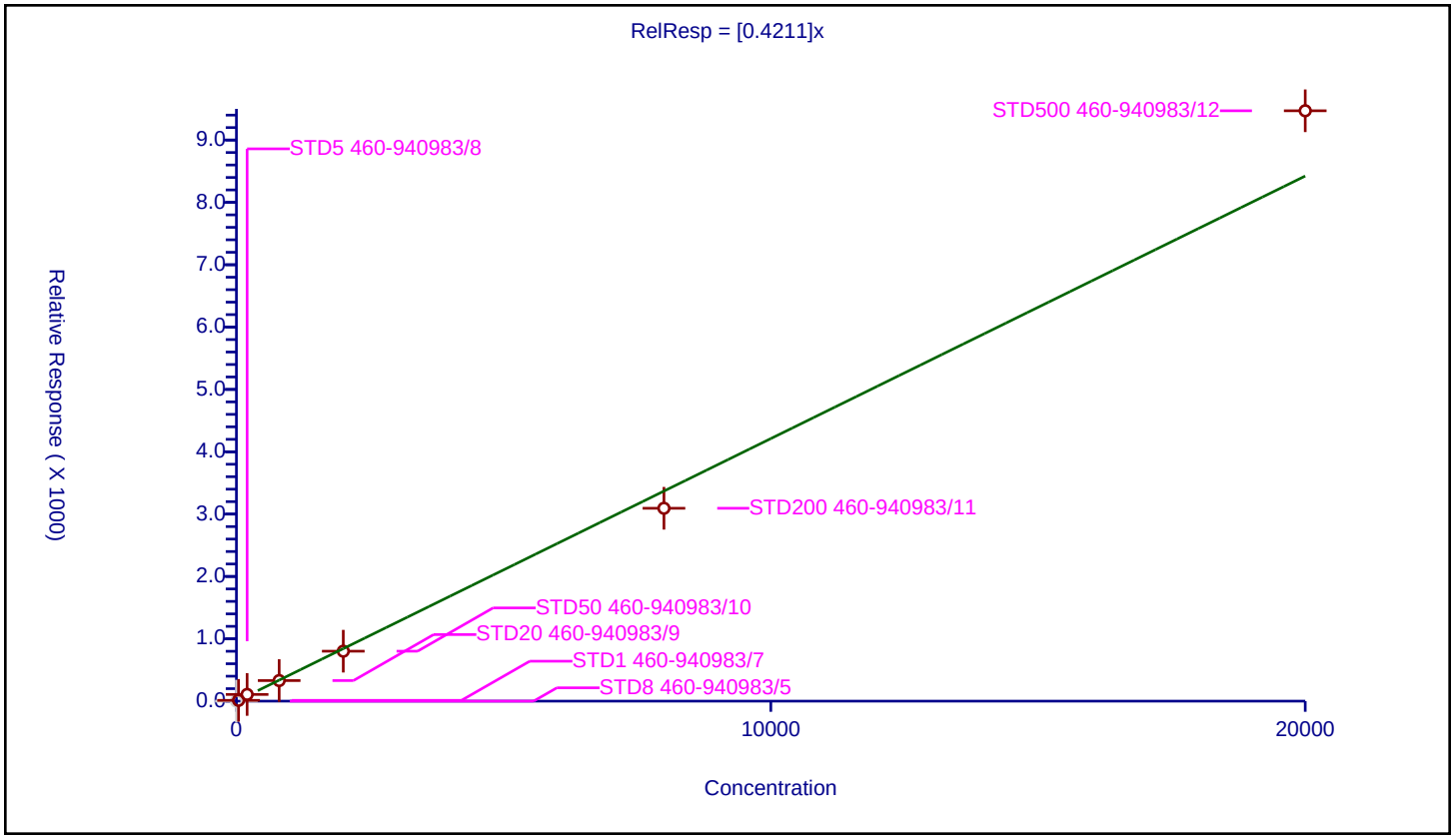
Curve Coefficients

Intercept:	0
Slope:	0.4211

Error Coefficients

Standard Error:	194000
Relative Standard Error:	18.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	40.0	12.611425	1000.0	34889.0	0.315286	Y
3	STD5 460-940983/8	200.0	107.58751	1000.0	34939.0	0.537938	Y
4	STD20 460-940983/9	800.0	330.177876	1000.0	39297.0	0.412722	Y
5	STD50 460-940983/10	2000.0	801.339893	1000.0	40451.0	0.40067	Y
6	STD200 460-940983/11	8000.0	3093.892101	1000.0	43763.0	0.386737	Y
7	STD500 460-940983/12	20000.0	9469.867027	1000.0	44370.0	0.473493	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

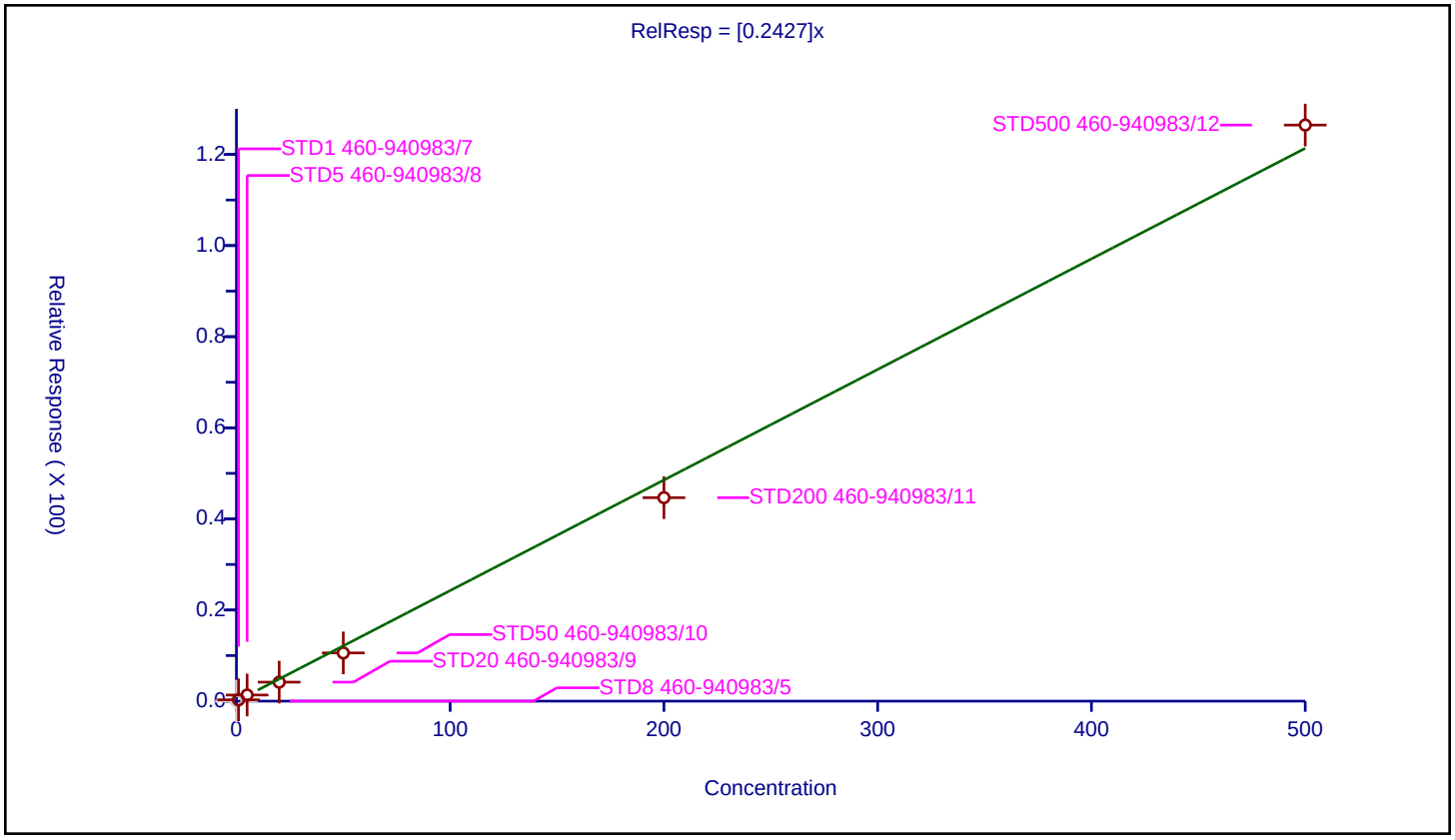
Curve Coefficients

Intercept:	0
Slope:	0.2427

Error Coefficients

Standard Error:	844000
Relative Standard Error:	13.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.291246	50.0	562411.0	0.291246	Y
3	STD5 460-940983/8	5.0	1.342145	50.0	576577.0	0.268429	Y
4	STD20 460-940983/9	20.0	4.17248	50.0	598469.0	0.208624	Y
5	STD50 460-940983/10	50.0	10.583303	50.0	628301.0	0.211666	Y
6	STD200 460-940983/11	200.0	44.661789	50.0	653365.0	0.223309	Y
7	STD500 460-940983/12	500.0	126.452267	50.0	707480.0	0.252905	Y



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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

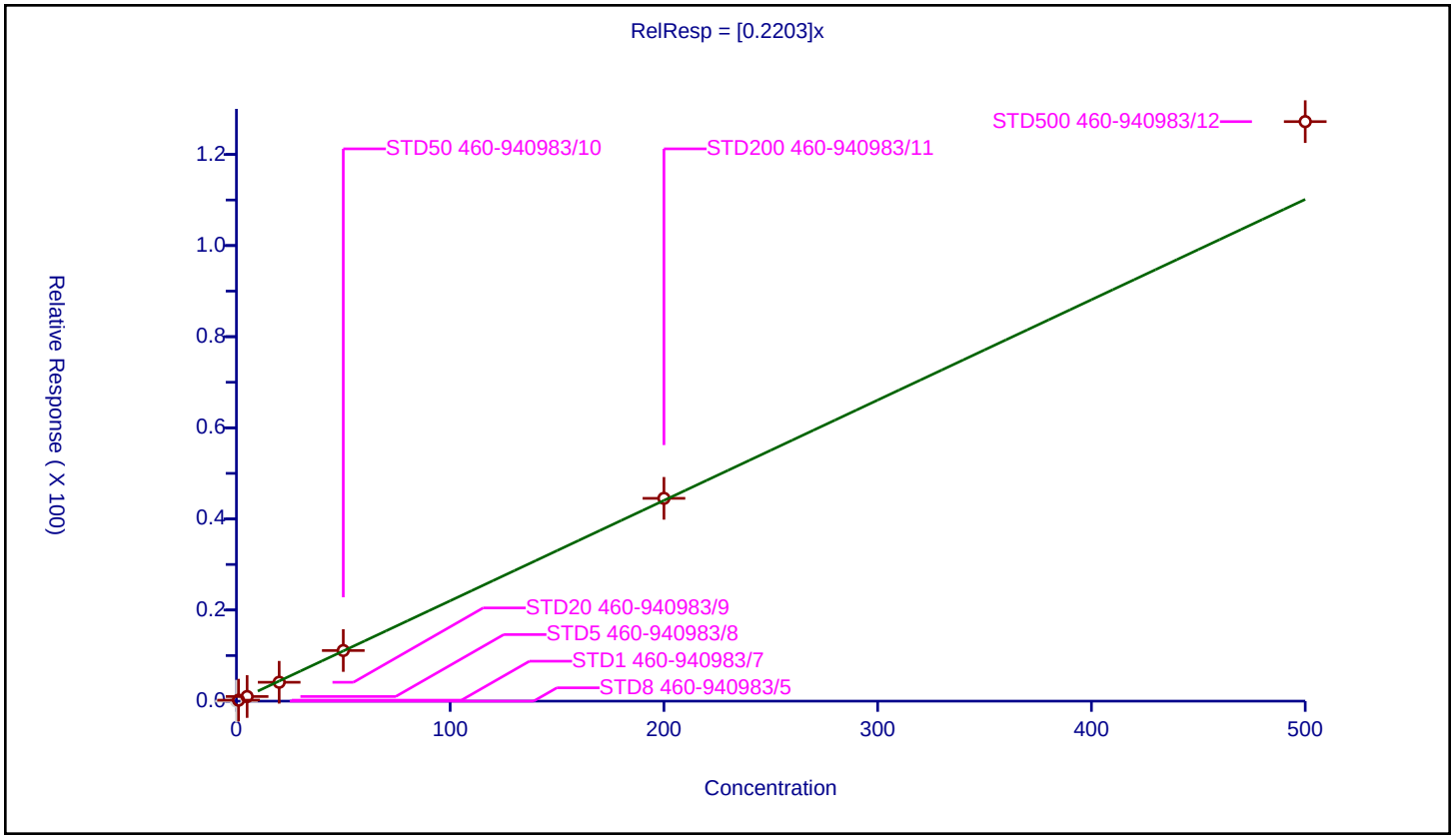
Curve Coefficients

Intercept:	0
Slope:	0.2203

Error Coefficients

Standard Error:	848000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.212923	50.0	562411.0	0.212923	Y
3	STD5 460-940983/8	5.0	1.011573	50.0	576577.0	0.202315	Y
4	STD20 460-940983/9	20.0	4.143907	50.0	598469.0	0.207195	Y
5	STD50 460-940983/10	50.0	11.110757	50.0	628301.0	0.222215	Y
6	STD200 460-940983/11	200.0	44.518531	50.0	653365.0	0.222593	Y
7	STD500 460-940983/12	500.0	127.205292	50.0	707480.0	0.254411	Y



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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

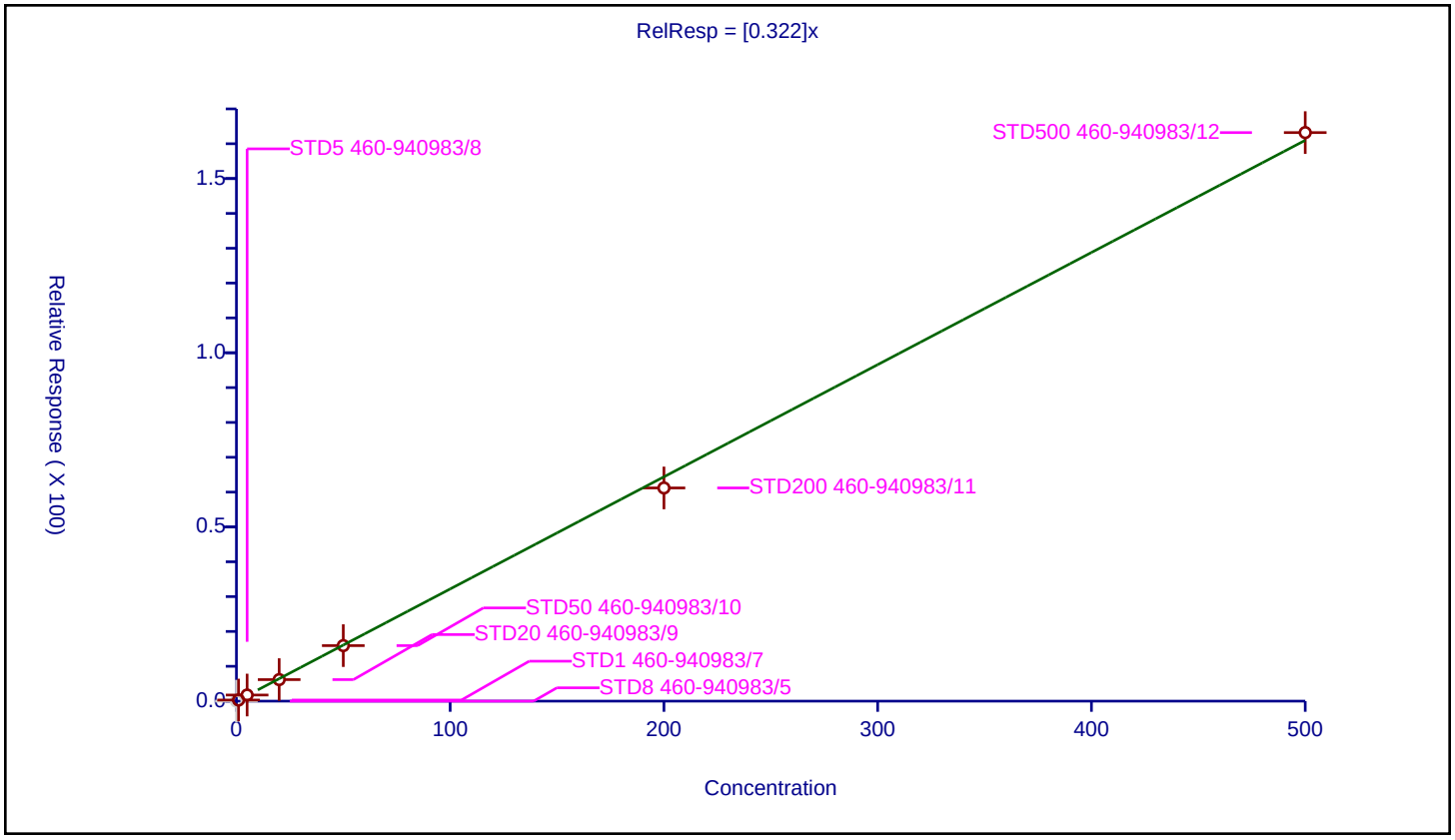
Curve Coefficients

Intercept:	0
Slope:	0.322

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.320051	50.0	562411.0	0.320051	Y
3	STD5 460-940983/8	5.0	1.75666	50.0	576577.0	0.351332	Y
4	STD20 460-940983/9	20.0	6.184447	50.0	598469.0	0.309222	Y
5	STD50 460-940983/10	50.0	15.938062	50.0	628301.0	0.318761	Y
6	STD200 460-940983/11	200.0	61.193207	50.0	653365.0	0.305966	Y
7	STD500 460-940983/12	500.0	163.198536	50.0	707480.0	0.326397	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

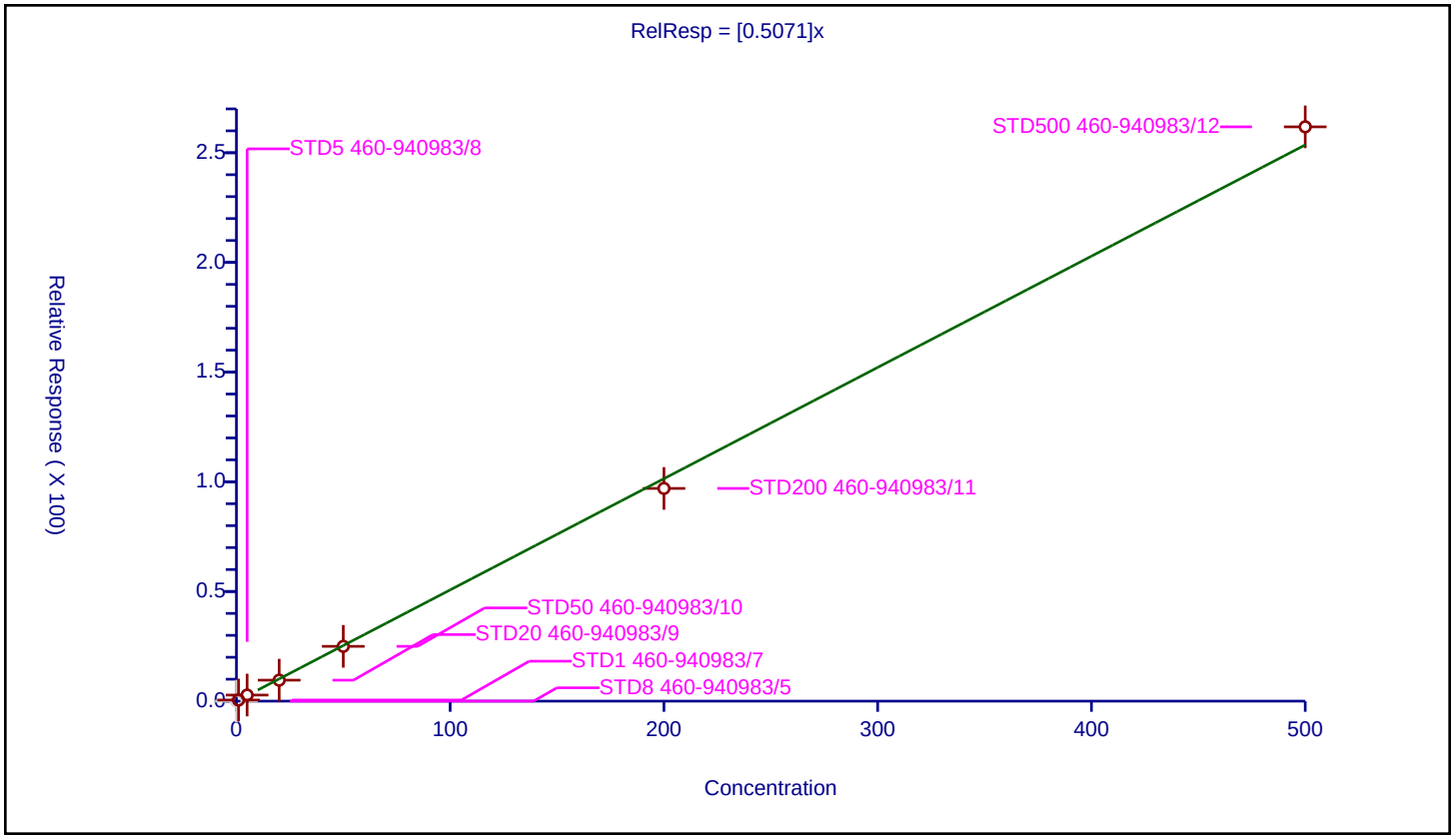
Curve Coefficients

Intercept:	0
Slope:	0.5071

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.501146	50.0	562411.0	0.501146	Y
3	STD5 460-940983/8	5.0	2.777426	50.0	576577.0	0.555485	Y
4	STD20 460-940983/9	20.0	9.559727	50.0	598469.0	0.477986	Y
5	STD50 460-940983/10	50.0	24.981179	50.0	628301.0	0.499624	Y
6	STD200 460-940983/11	200.0	96.97206	50.0	653365.0	0.48486	Y
7	STD500 460-940983/12	500.0	261.821677	50.0	707480.0	0.523643	Y



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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

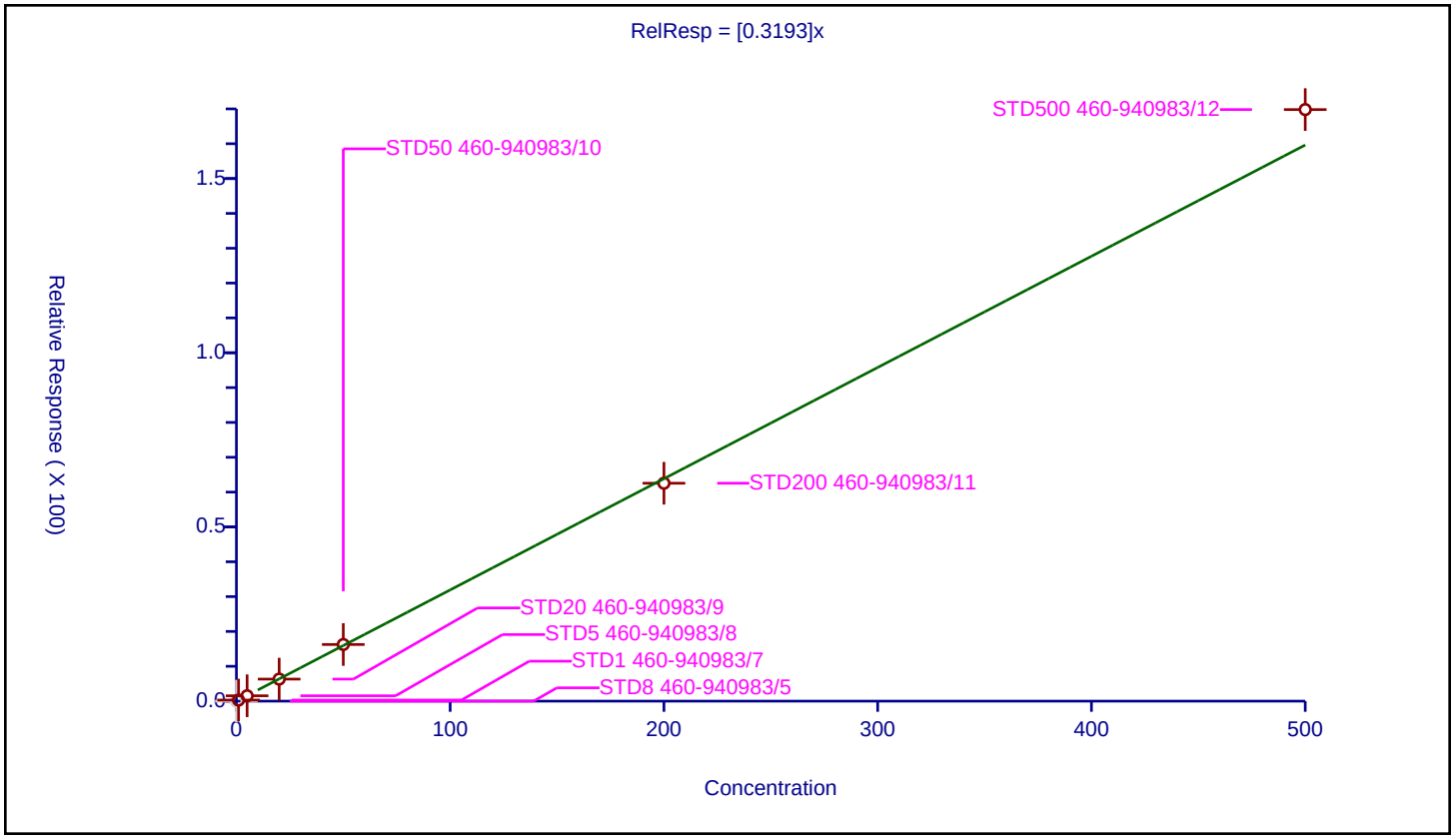
Curve Coefficients

Intercept:	0
Slope:	0.3193

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	3.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.312938	50.0	562411.0	0.312938	Y
3	STD5 460-940983/8	5.0	1.543159	50.0	576577.0	0.308632	Y
4	STD20 460-940983/9	20.0	6.328983	50.0	598469.0	0.316449	Y
5	STD50 460-940983/10	50.0	16.257813	50.0	628301.0	0.325156	Y
6	STD200 460-940983/11	200.0	62.549494	50.0	653365.0	0.312747	Y
7	STD500 460-940983/12	500.0	169.797733	50.0	707480.0	0.339595	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

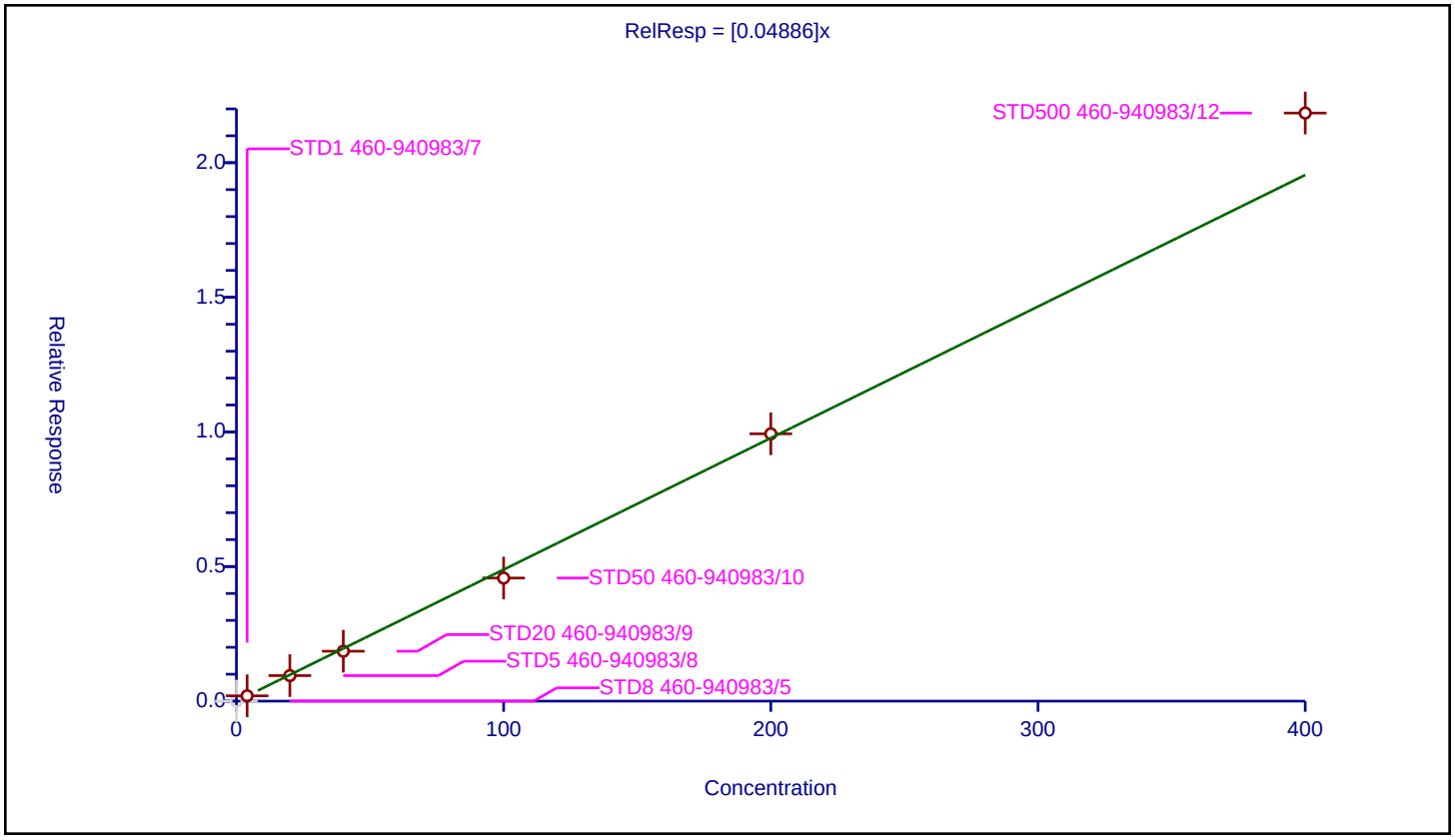
Curve Coefficients

Intercept:	0
Slope:	0.04886

Error Coefficients

Standard Error:	153000
Relative Standard Error:	6.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	4.0	0.19772	50.0	562411.0	0.04943	Y
3	STD5 460-940983/8	20.0	0.947922	50.0	576577.0	0.047396	Y
4	STD20 460-940983/9	40.0	1.854231	50.0	598469.0	0.046356	Y
5	STD50 460-940983/10	100.0	4.572251	50.0	628301.0	0.045723	Y
6	STD200 460-940983/11	200.0	9.930973	50.0	653365.0	0.049655	Y
7	STD500 460-940983/12	400.0	21.845918	50.0	707480.0	0.054615	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

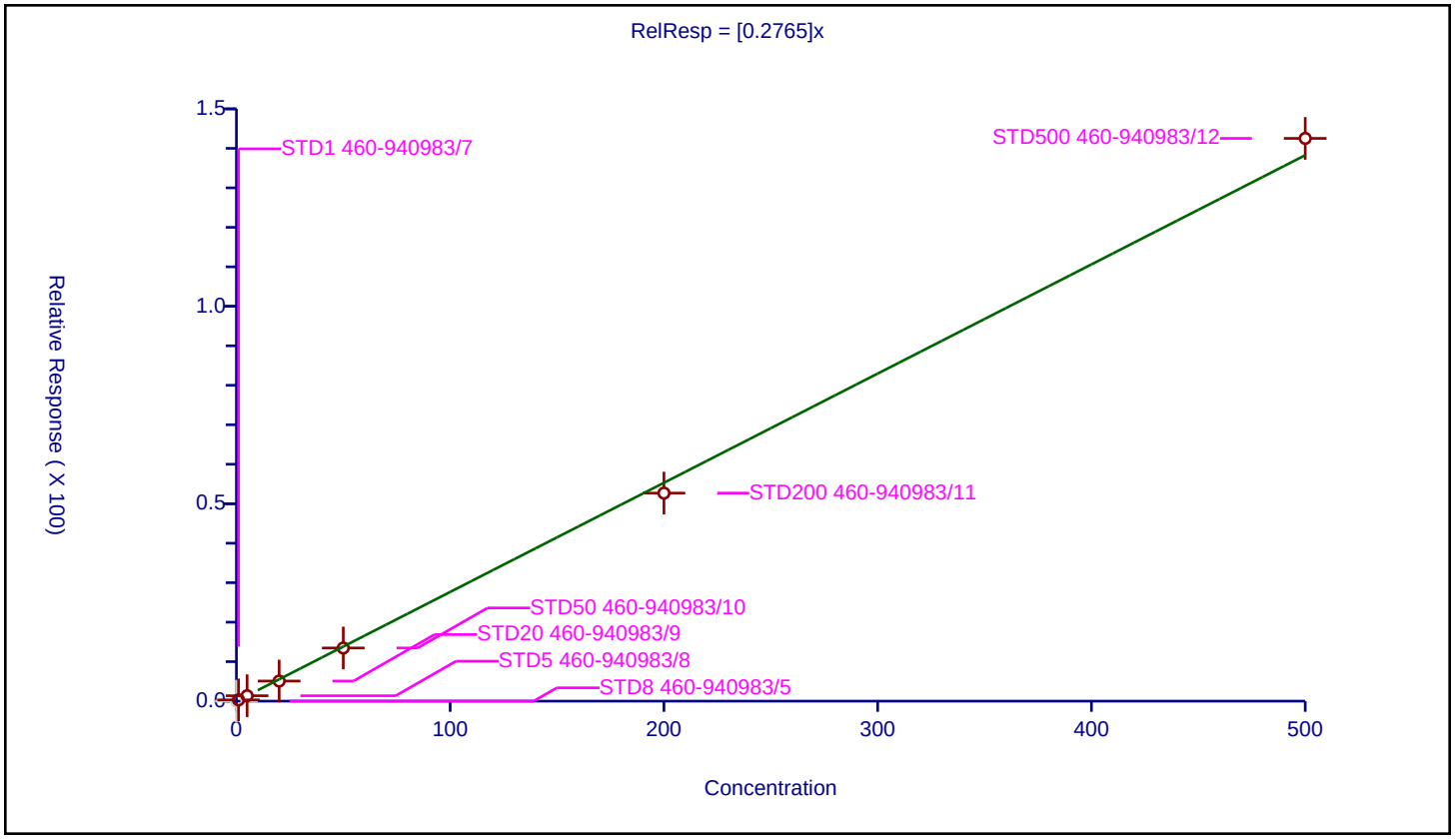
Curve Coefficients

Intercept:	0
Slope:	0.2765

Error Coefficients

Standard Error:	956000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.313739	50.0	562411.0	0.313739	Y
3	STD5 460-940983/8	5.0	1.365819	50.0	576577.0	0.273164	Y
4	STD20 460-940983/9	20.0	5.091826	50.0	598469.0	0.254591	Y
5	STD50 460-940983/10	50.0	13.458756	50.0	628301.0	0.269175	Y
6	STD200 460-940983/11	200.0	52.689691	50.0	653365.0	0.263448	Y
7	STD500 460-940983/12	500.0	142.524736	50.0	707480.0	0.285049	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

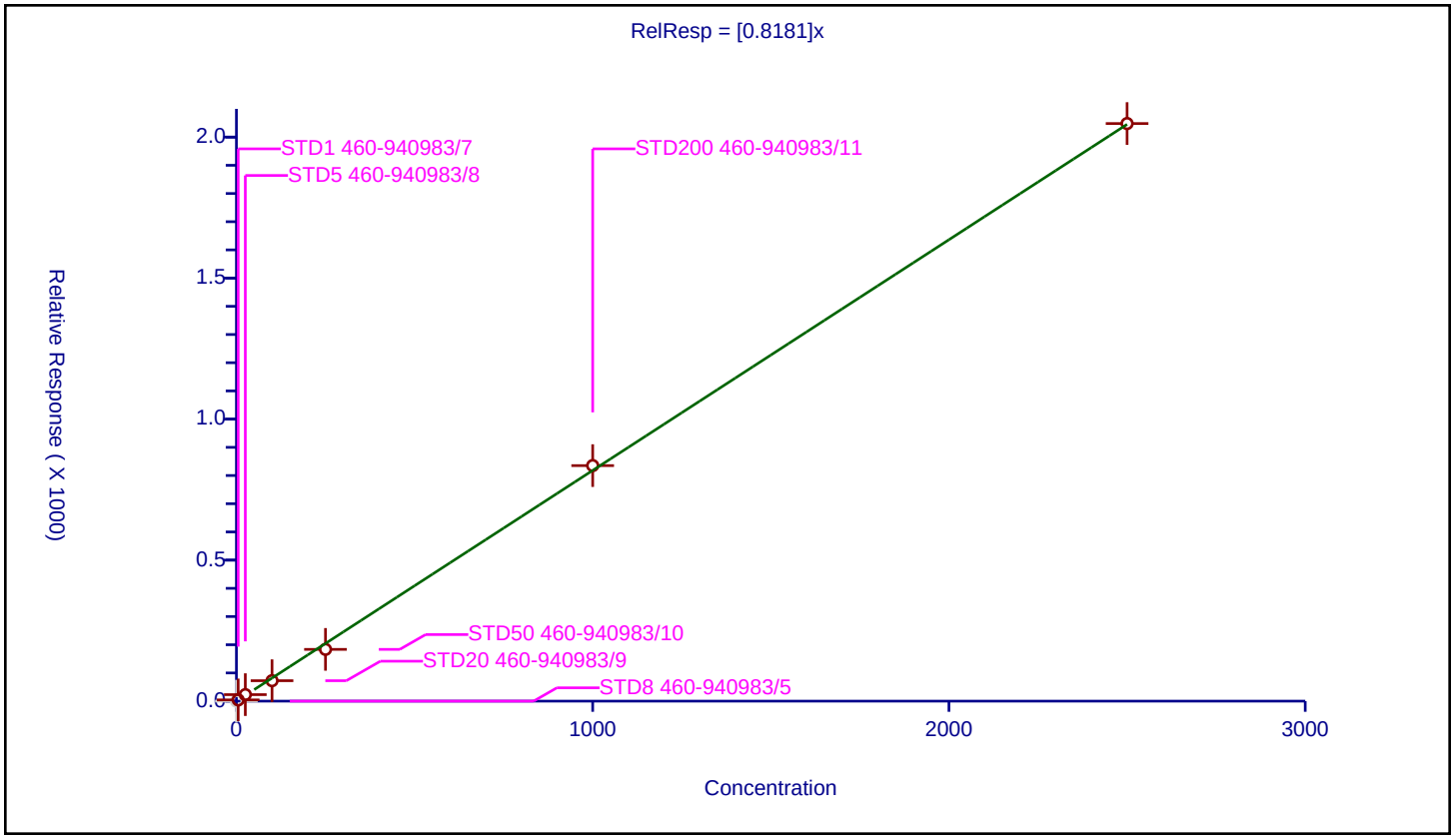
Curve Coefficients

Intercept:	0
Slope:	0.8181

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	4.353409	250.0	244521.0	0.870682	Y
3	STD5 460-940983/8	25.0	23.100916	250.0	259849.0	0.924037	Y
4	STD20 460-940983/9	100.0	72.518968	250.0	278634.0	0.72519	Y
5	STD50 460-940983/10	250.0	183.530489	250.0	294353.0	0.734122	Y
6	STD200 460-940983/11	1000.0	835.199349	250.0	318236.0	0.835199	Y
7	STD500 460-940983/12	2500.0	2048.024	250.0	368826.0	0.81921	Y



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Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

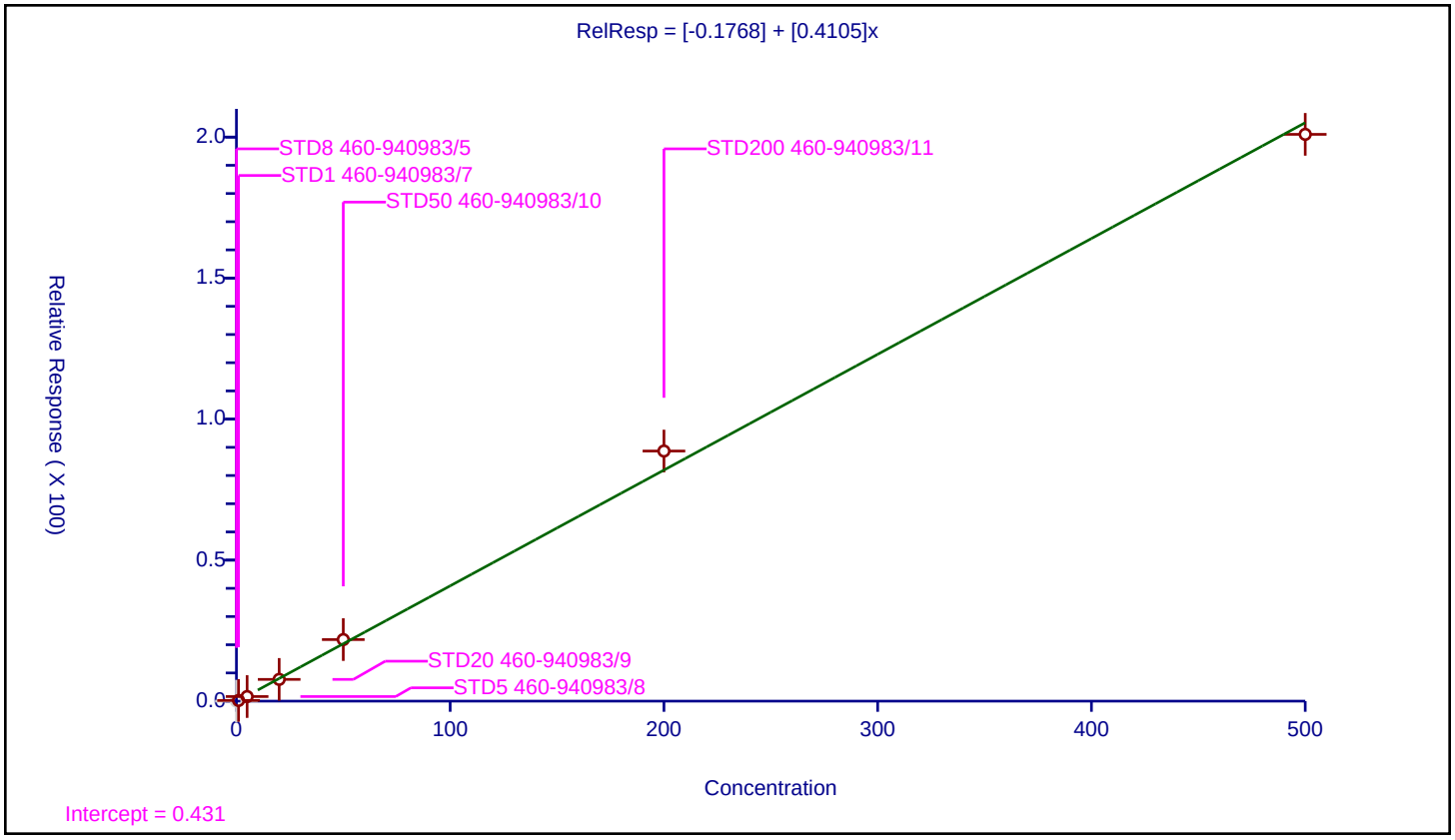
Curve Coefficients

Intercept:	-0.1768
Slope:	0.4105

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.243594	50.0	562411.0	0.243594	Y
3	STD5 460-940983/8	5.0	1.632046	50.0	576577.0	0.326409	Y
4	STD20 460-940983/9	20.0	7.710842	50.0	598469.0	0.385542	Y
5	STD50 460-940983/10	50.0	21.829664	50.0	628301.0	0.436593	Y
6	STD200 460-940983/11	200.0	88.68611	50.0	653365.0	0.443431	Y
7	STD500 460-940983/12	500.0	200.975646	50.0	707480.0	0.401951	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

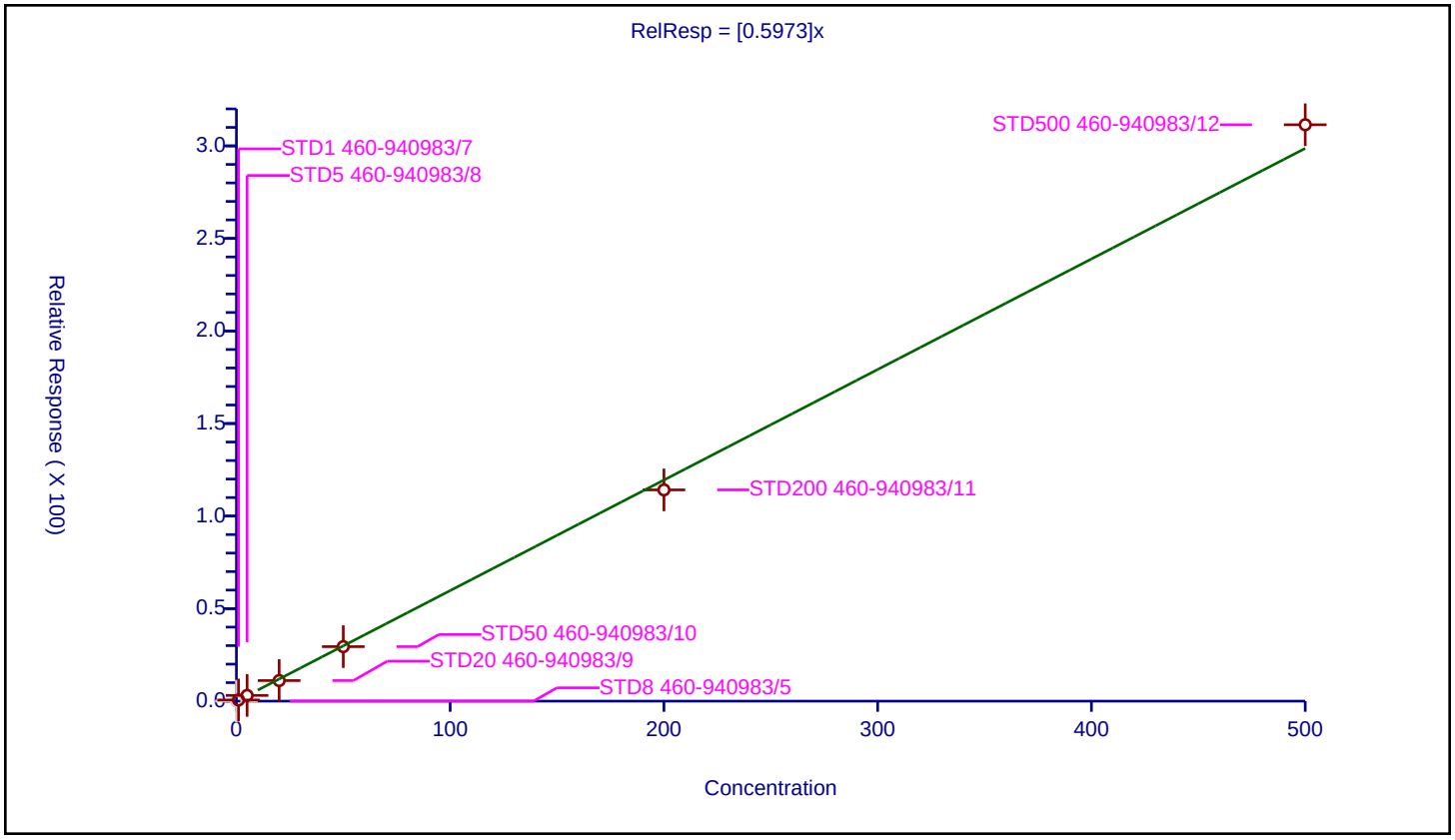
Curve Coefficients

Intercept:	0
Slope:	0.5973

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.62721	50.0	562411.0	0.62721	Y
3	STD5 460-940983/8	5.0	3.091434	50.0	576577.0	0.618287	Y
4	STD20 460-940983/9	20.0	11.116365	50.0	598469.0	0.555818	Y
5	STD50 460-940983/10	50.0	29.452126	50.0	628301.0	0.589043	Y
6	STD200 460-940983/11	200.0	114.13934	50.0	653365.0	0.570697	Y
7	STD500 460-940983/12	500.0	311.420535	50.0	707480.0	0.622841	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

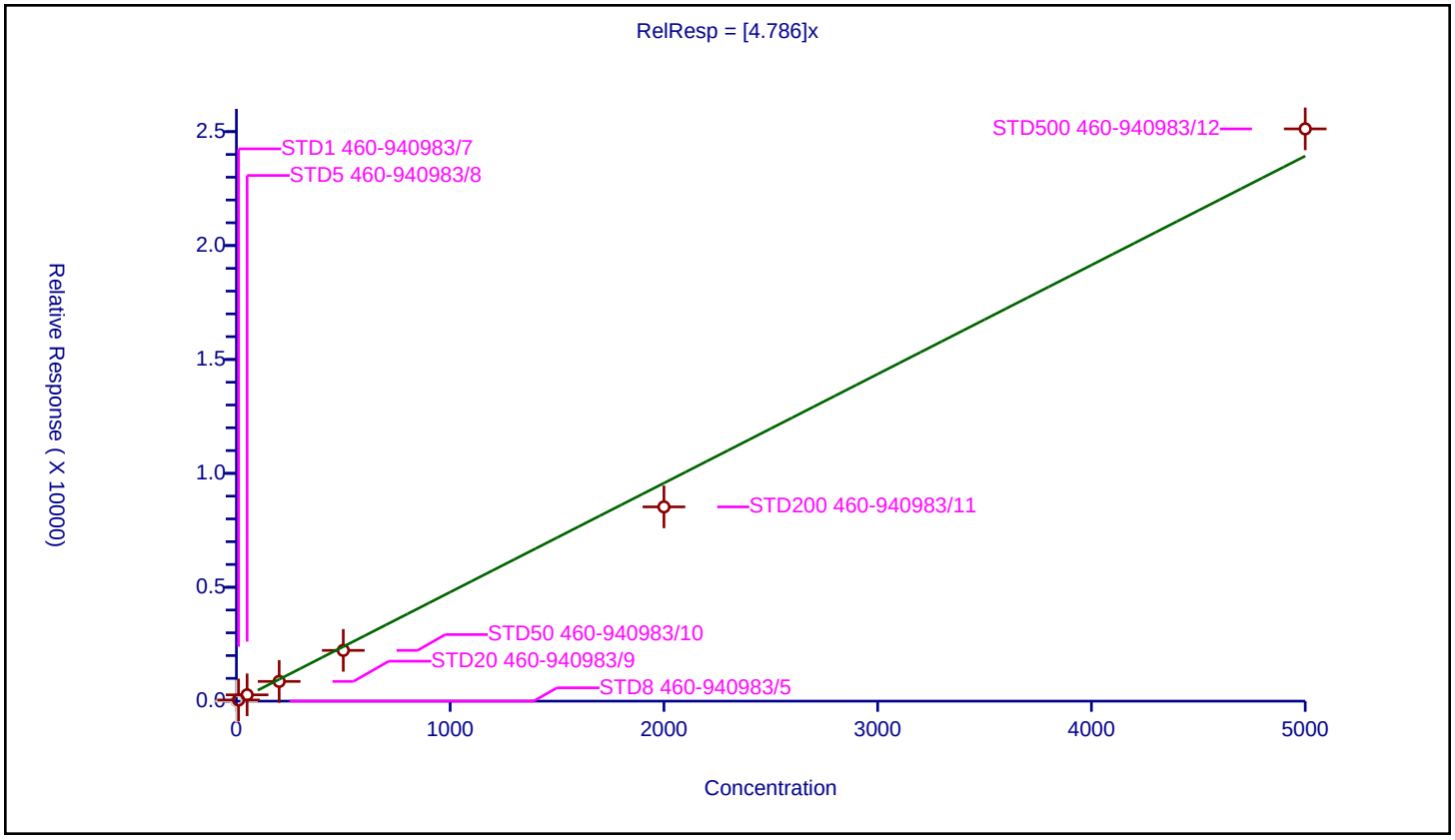
Curve Coefficients

Intercept:	0
Slope:	4.786

Error Coefficients

Standard Error:	516000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	10.0	51.133595	1000.0	34889.0	5.11336	Y
3	STD5 460-940983/8	50.0	276.367383	1000.0	34939.0	5.527348	Y
4	STD20 460-940983/9	200.0	866.325674	1000.0	39297.0	4.331628	Y
5	STD50 460-940983/10	500.0	2227.855924	1000.0	40451.0	4.455712	Y
6	STD200 460-940983/11	2000.0	8527.5004	1000.0	43763.0	4.26375	Y
7	STD500 460-940983/12	5000.0	25121.636241	1000.0	44370.0	5.024327	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

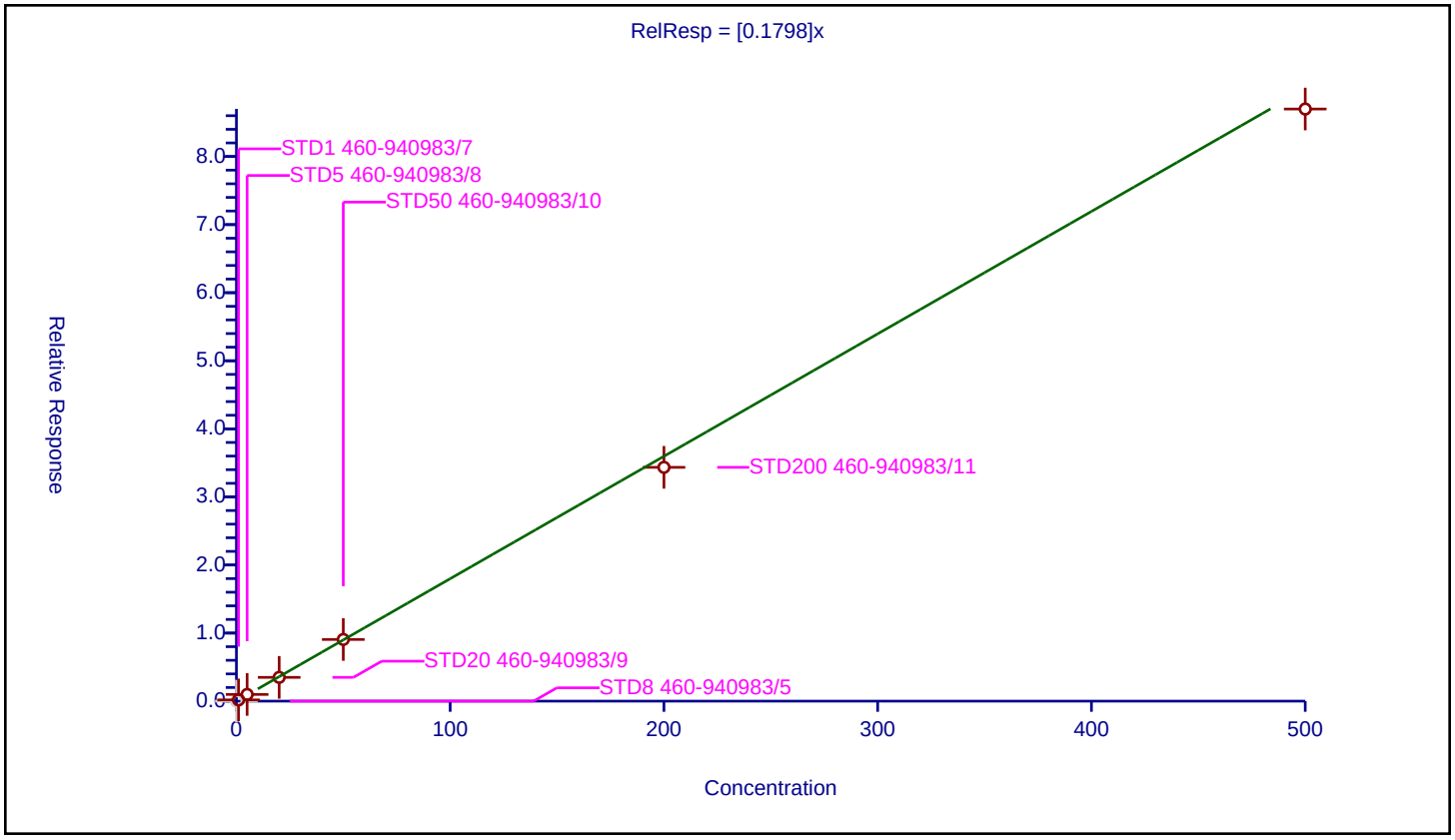
Curve Coefficients

Intercept:	0
Slope:	0.1798

Error Coefficients

Standard Error:	588000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.181006	50.0	562411.0	0.181006	Y
3	STD5 460-940983/8	5.0	0.98339	50.0	576577.0	0.196678	Y
4	STD20 460-940983/9	20.0	3.489989	50.0	598469.0	0.174499	Y
5	STD50 460-940983/10	50.0	9.060068	50.0	628301.0	0.181201	Y
6	STD200 460-940983/11	200.0	34.344662	50.0	653365.0	0.171723	Y
7	STD500 460-940983/12	500.0	86.978996	50.0	707480.0	0.173958	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

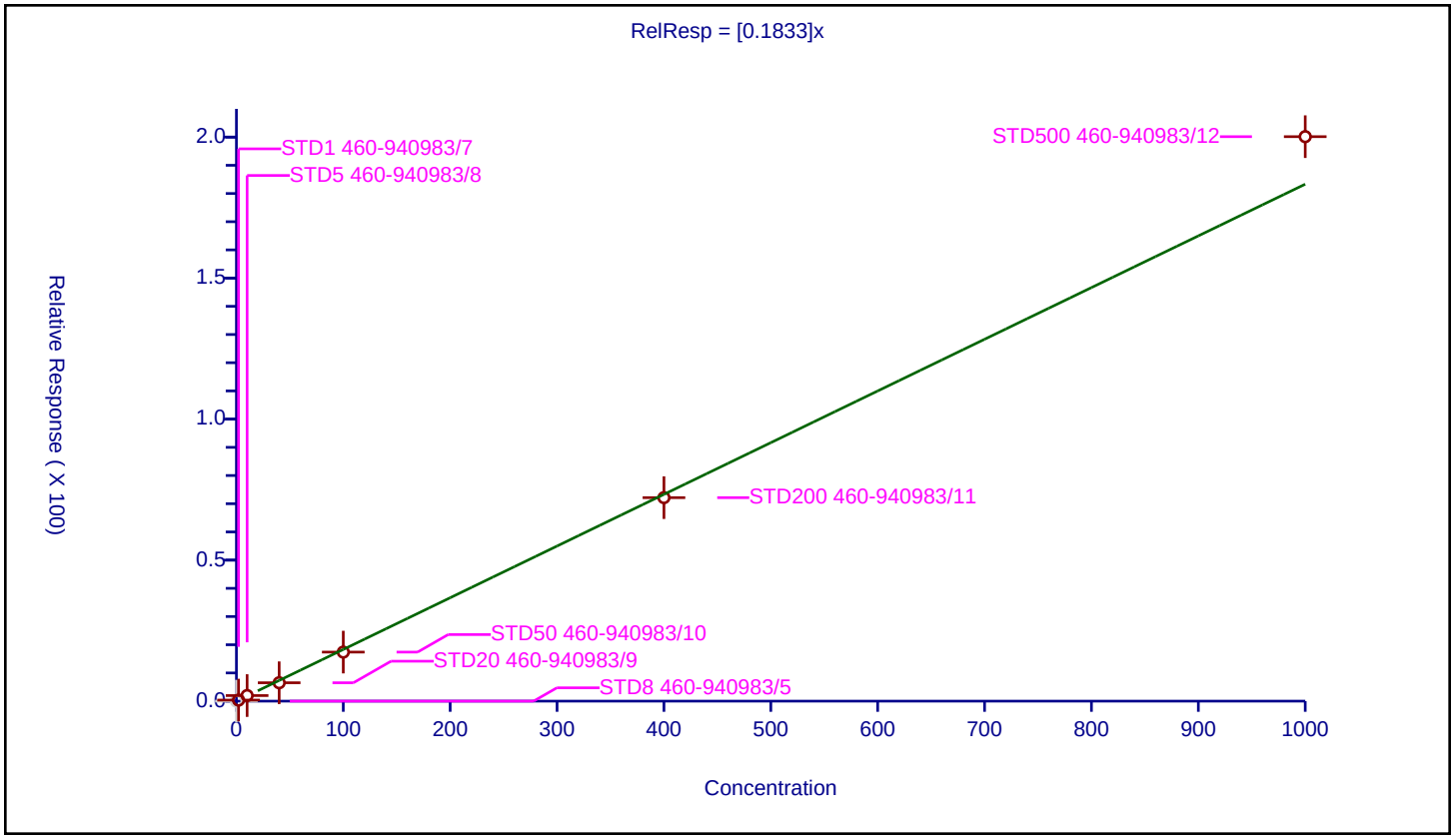
Curve Coefficients

Intercept:	0
Slope:	0.1833

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	7.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.368503	50.0	562411.0	0.184251	Y
3	STD5 460-940983/8	10.0	1.979788	50.0	576577.0	0.197979	Y
4	STD20 460-940983/9	40.0	6.525234	50.0	598469.0	0.163131	Y
5	STD50 460-940983/10	100.0	17.39055	50.0	628301.0	0.173906	Y
6	STD200 460-940983/11	400.0	72.159742	50.0	653365.0	0.180399	Y
7	STD500 460-940983/12	1000.0	200.150817	50.0	707480.0	0.200151	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

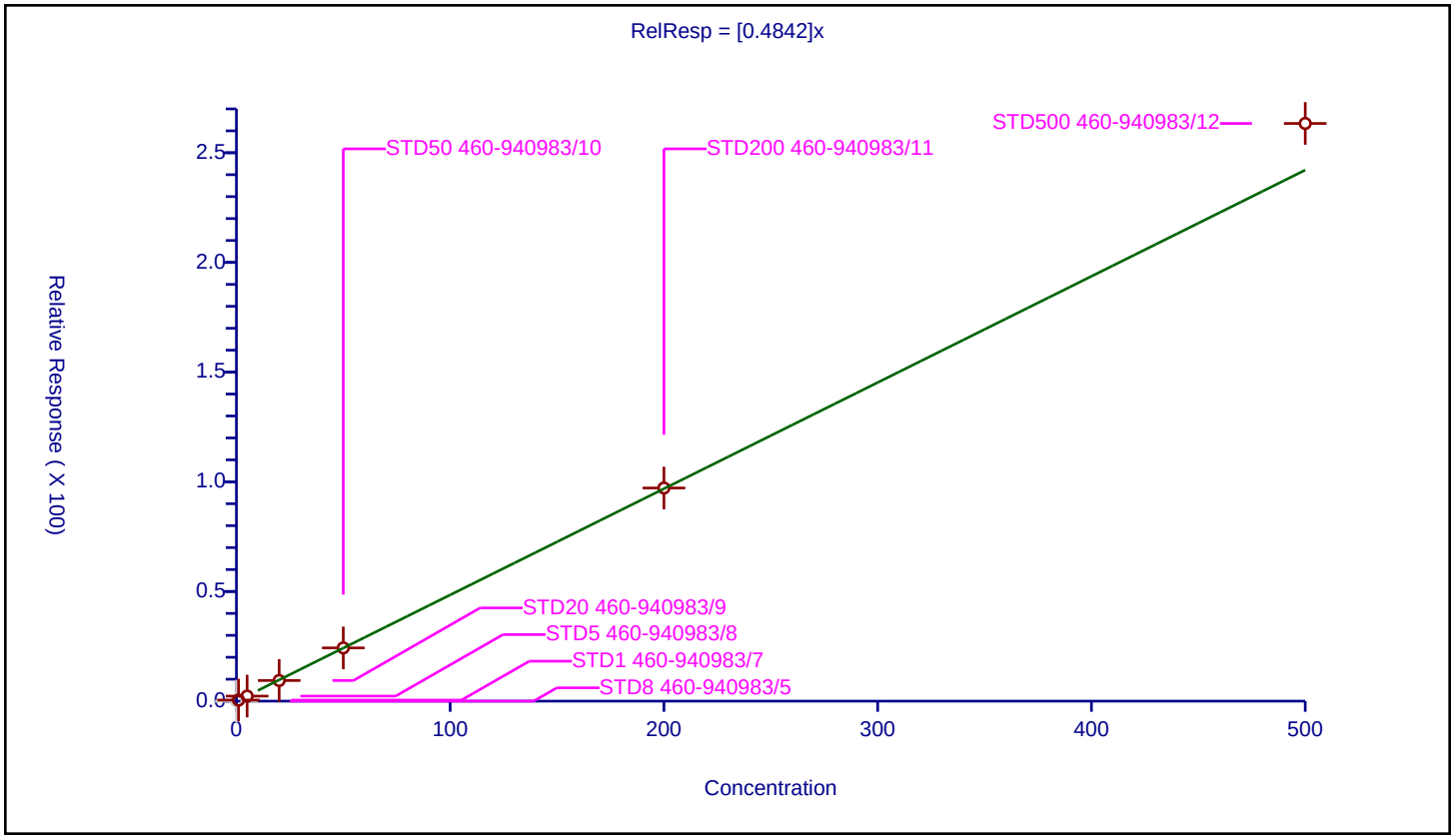
Curve Coefficients

Intercept:	0
Slope:	0.4842

Error Coefficients

Standard Error:	1770000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.476342	50.0	562411.0	0.476342	Y
3	STD5 460-940983/8	5.0	2.303075	50.0	576577.0	0.460615	Y
4	STD20 460-940983/9	20.0	9.407505	50.0	598469.0	0.470375	Y
5	STD50 460-940983/10	50.0	24.270135	50.0	628301.0	0.485403	Y
6	STD200 460-940983/11	200.0	97.167051	50.0	653365.0	0.485835	Y
7	STD500 460-940983/12	500.0	263.352462	50.0	707480.0	0.526705	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

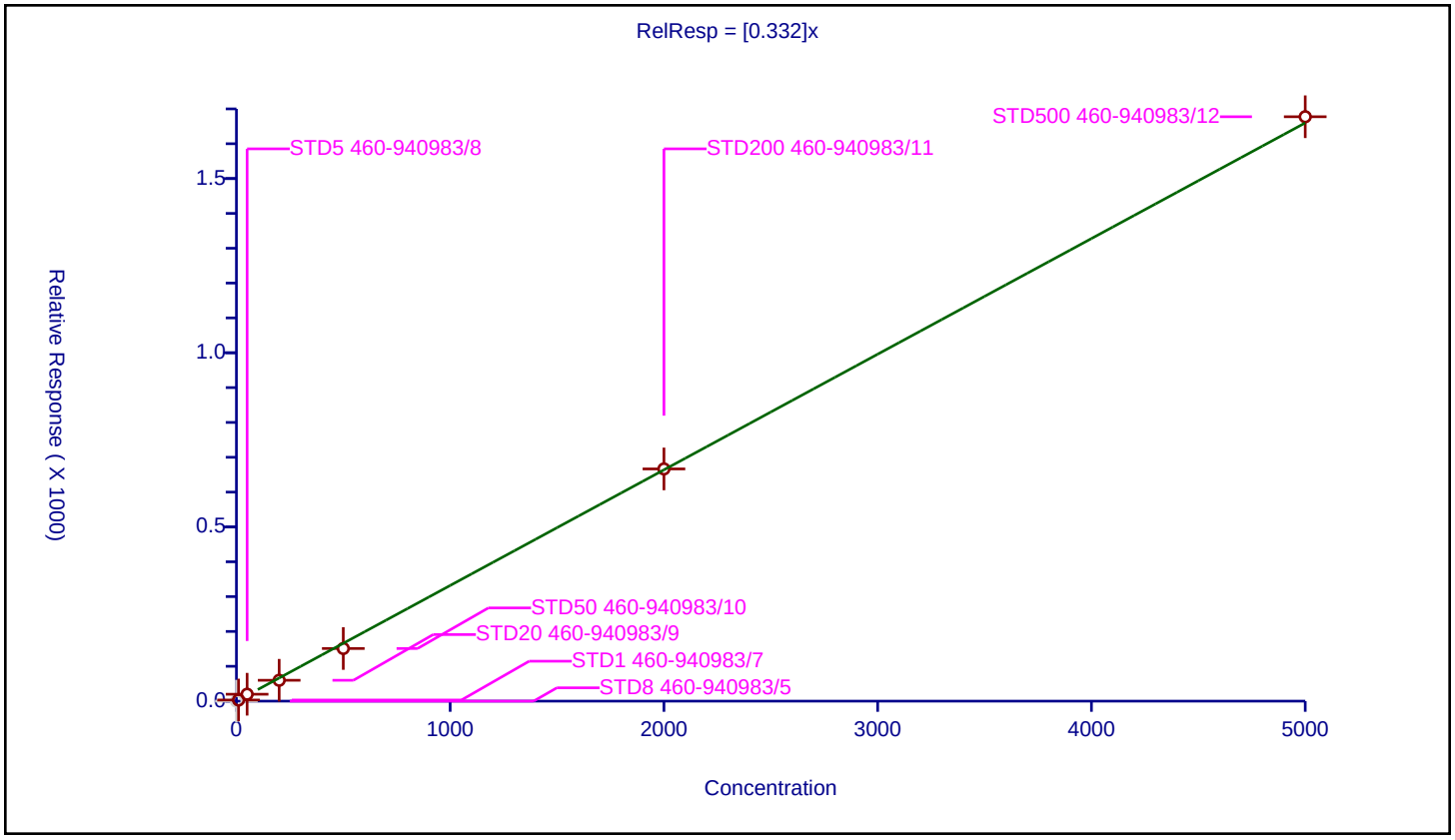
Curve Coefficients

Intercept:	0
Slope:	0.332

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	10.0	3.238986	250.0	244521.0	0.323899	Y
3	STD5 460-940983/8	50.0	19.875004	250.0	259849.0	0.3975	Y
4	STD20 460-940983/9	200.0	59.863477	250.0	278634.0	0.299317	Y
5	STD50 460-940983/10	500.0	151.113629	250.0	294353.0	0.302227	Y
6	STD200 460-940983/11	2000.0	666.552496	250.0	318236.0	0.333276	Y
7	STD500 460-940983/12	5000.0	1677.445462	250.0	368826.0	0.335489	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

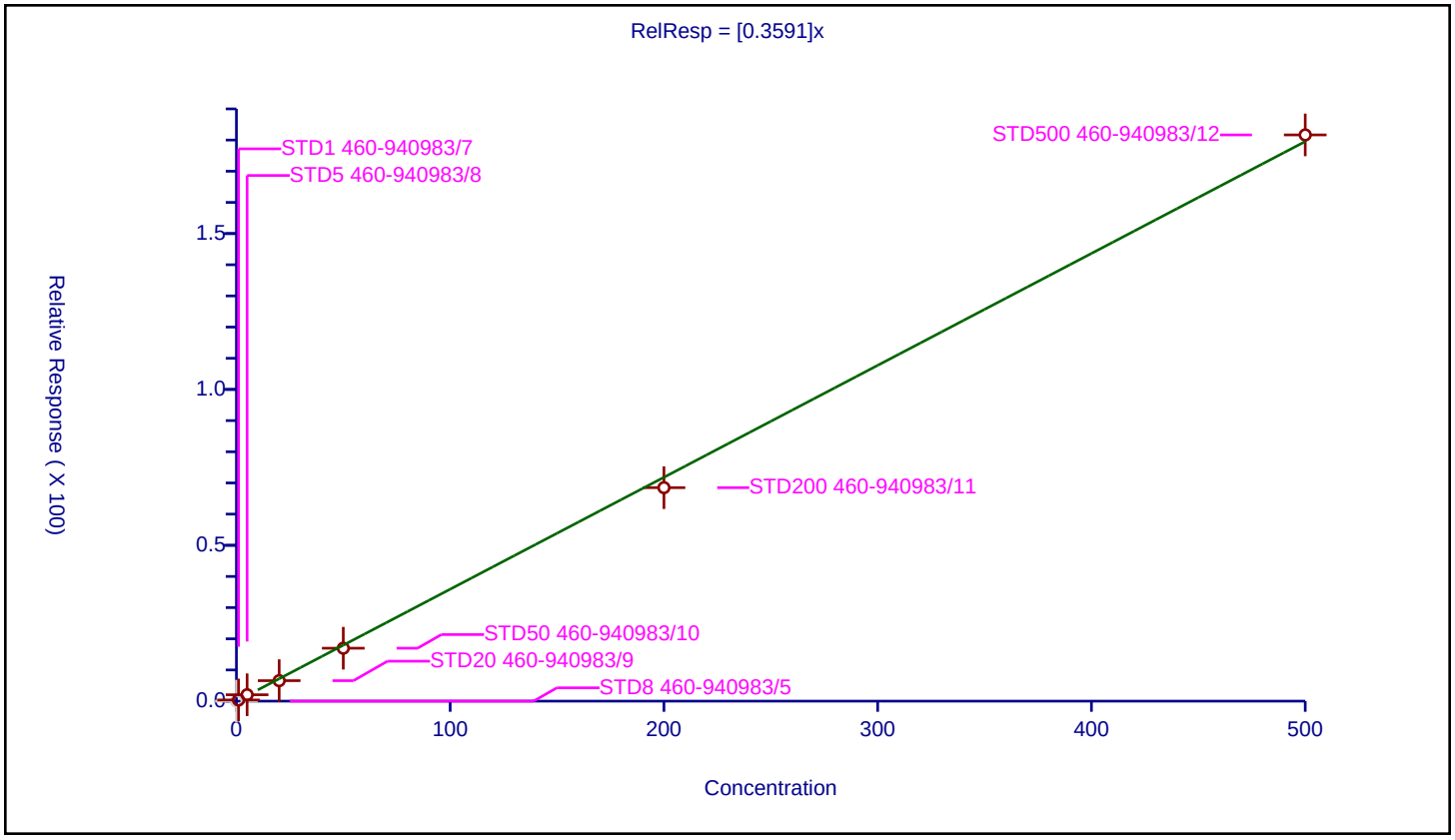
Curve Coefficients

Intercept:	0
Slope:	0.3591

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.370814	50.0	562411.0	0.370814	Y
3	STD5 460-940983/8	5.0	2.049856	50.0	576577.0	0.409971	Y
4	STD20 460-940983/9	20.0	6.5645	50.0	598469.0	0.328225	Y
5	STD50 460-940983/10	50.0	16.982465	50.0	628301.0	0.339649	Y
6	STD200 460-940983/11	200.0	68.491655	50.0	653365.0	0.342458	Y
7	STD500 460-940983/12	500.0	181.654746	50.0	707480.0	0.363309	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

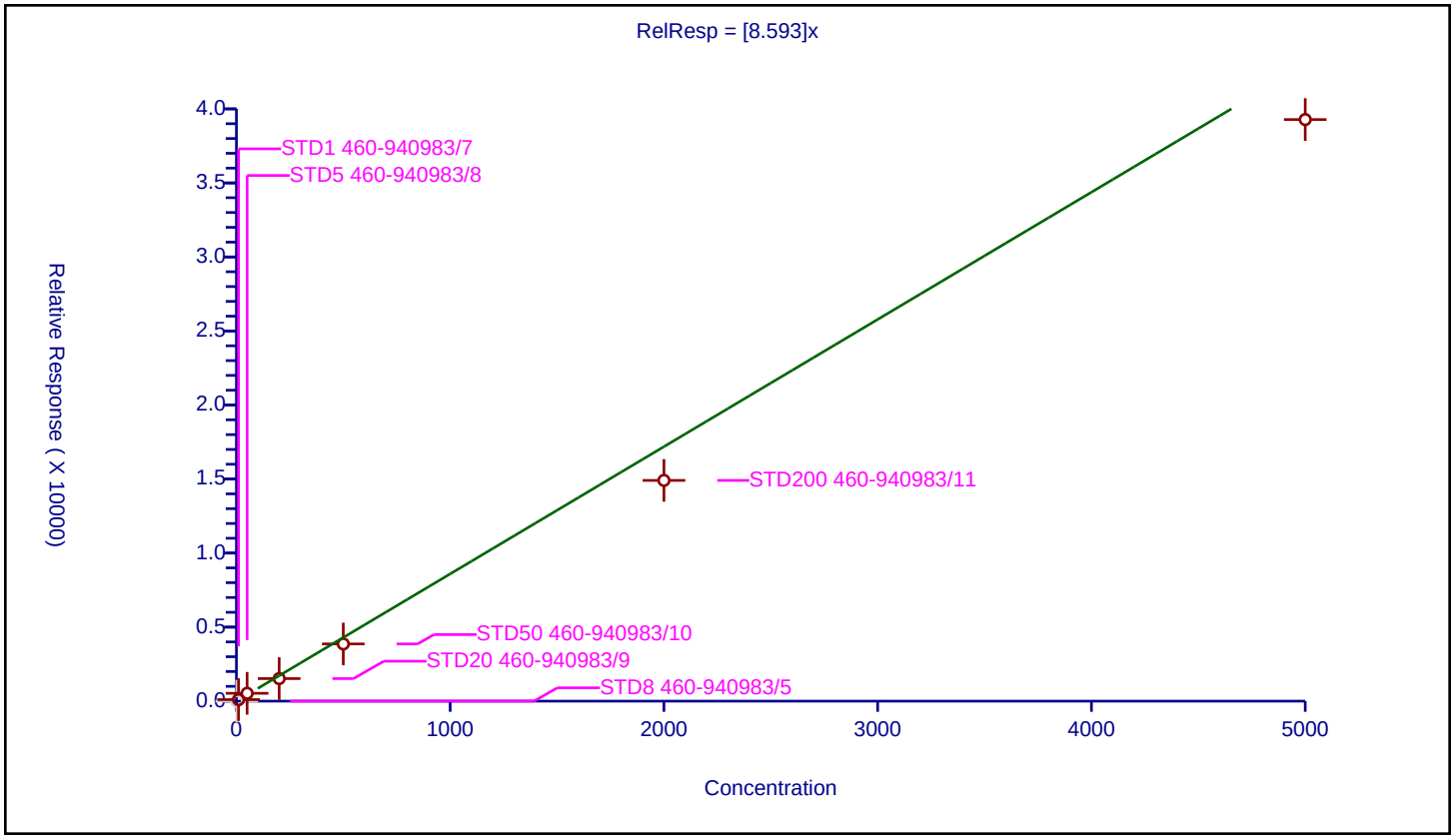
Curve Coefficients

Intercept:	0
Slope:	8.593

Error Coefficients

Standard Error:	815000
Relative Standard Error:	16.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	2.0	0.0	1000.0	30418.0	0.0	N
2	STD1 460-940983/7	10.0	103.213047	1000.0	34889.0	10.321305	Y
3	STD5 460-940983/8	50.0	529.351155	1000.0	34939.0	10.587023	Y
4	STD20 460-940983/9	200.0	1523.118813	1000.0	39297.0	7.615594	Y
5	STD50 460-940983/10	500.0	3863.439717	1000.0	40451.0	7.726879	Y
6	STD200 460-940983/11	2000.0	14908.598588	1000.0	43763.0	7.454299	Y
7	STD500 460-940983/12	5000.0	39278.972279	1000.0	44370.0	7.855794	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

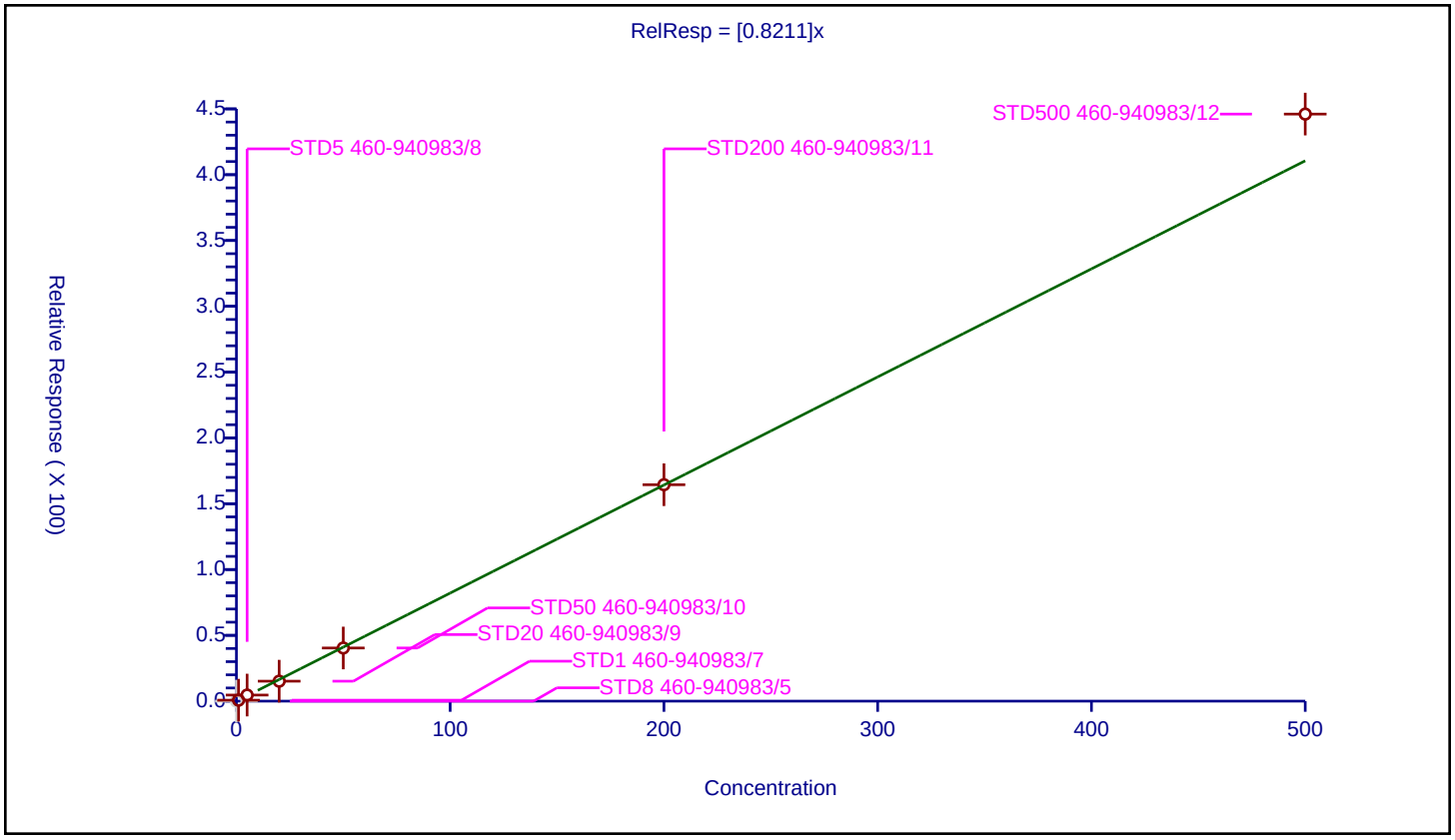
Curve Coefficients

Intercept:	0
Slope:	0.8211

Error Coefficients

Standard Error:	2990000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.723226	50.0	562411.0	0.723226	Y
3	STD5 460-940983/8	5.0	4.616729	50.0	576577.0	0.923346	Y
4	STD20 460-940983/9	20.0	15.159348	50.0	598469.0	0.757967	Y
5	STD50 460-940983/10	50.0	40.386216	50.0	628301.0	0.807724	Y
6	STD200 460-940983/11	200.0	164.444912	50.0	653365.0	0.822225	Y
7	STD500 460-940983/12	500.0	446.049288	50.0	707480.0	0.892099	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

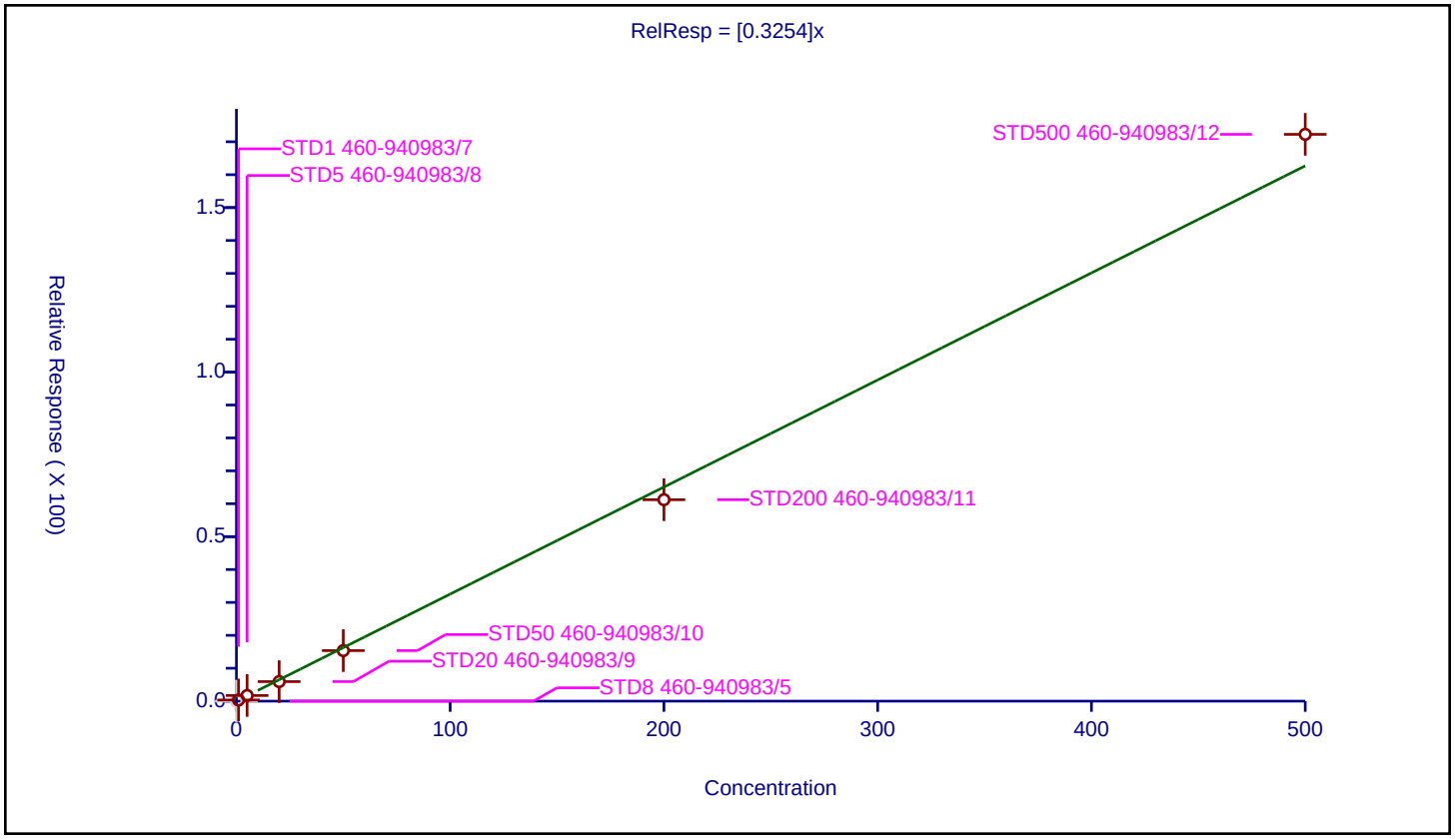
Curve Coefficients

Intercept:	0
Slope:	0.3254

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	7.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.354456	50.0	562411.0	0.354456	Y
3	STD5 460-940983/8	5.0	1.715122	50.0	576577.0	0.343024	Y
4	STD20 460-940983/9	20.0	5.937567	50.0	598469.0	0.296878	Y
5	STD50 460-940983/10	50.0	15.362541	50.0	628301.0	0.307251	Y
6	STD200 460-940983/11	200.0	61.21739	50.0	653365.0	0.306087	Y
7	STD500 460-940983/12	500.0	172.261972	50.0	707480.0	0.344524	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

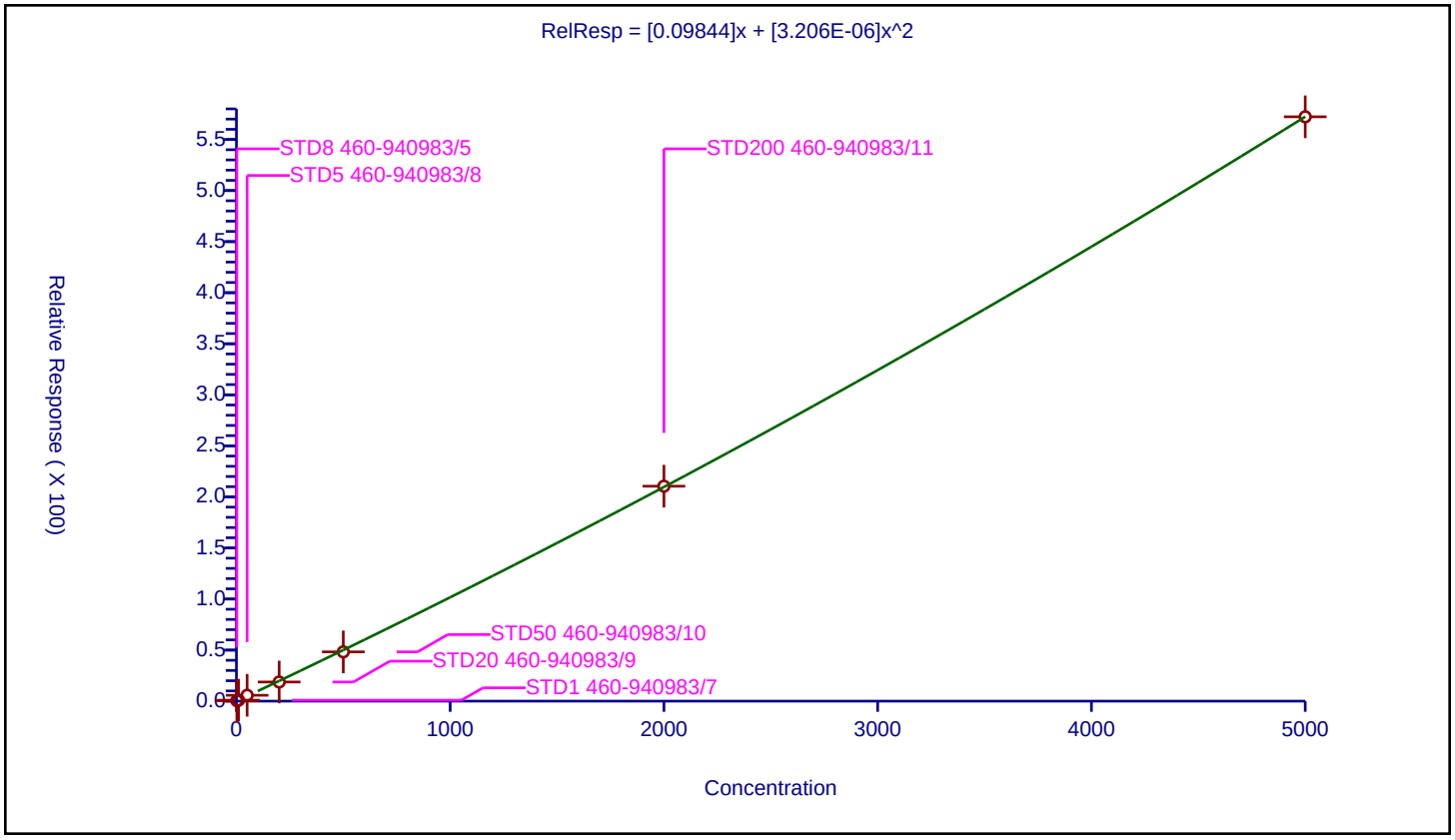
Curve Coefficients

Intercept:	0
Slope:	0.09844
Second Order:	3.206E-06

Error Coefficients

Standard Error:	3840000
Relative Standard Error:	59.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	2.0	0.454084	50.0	510919.0	0.227042	Y
2	STD1 460-940983/7	10.0	0.917301	50.0	562411.0	0.09173	Y
3	STD5 460-940983/8	50.0	5.752311	50.0	576577.0	0.115046	Y
4	STD20 460-940983/9	200.0	18.731212	50.0	598469.0	0.093656	Y
5	STD50 460-940983/10	500.0	48.251077	50.0	628301.0	0.096502	Y
6	STD200 460-940983/11	2000.0	210.516327	50.0	653365.0	0.105258	Y
7	STD500 460-940983/12	5000.0	572.257661	50.0	707480.0	0.114452	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

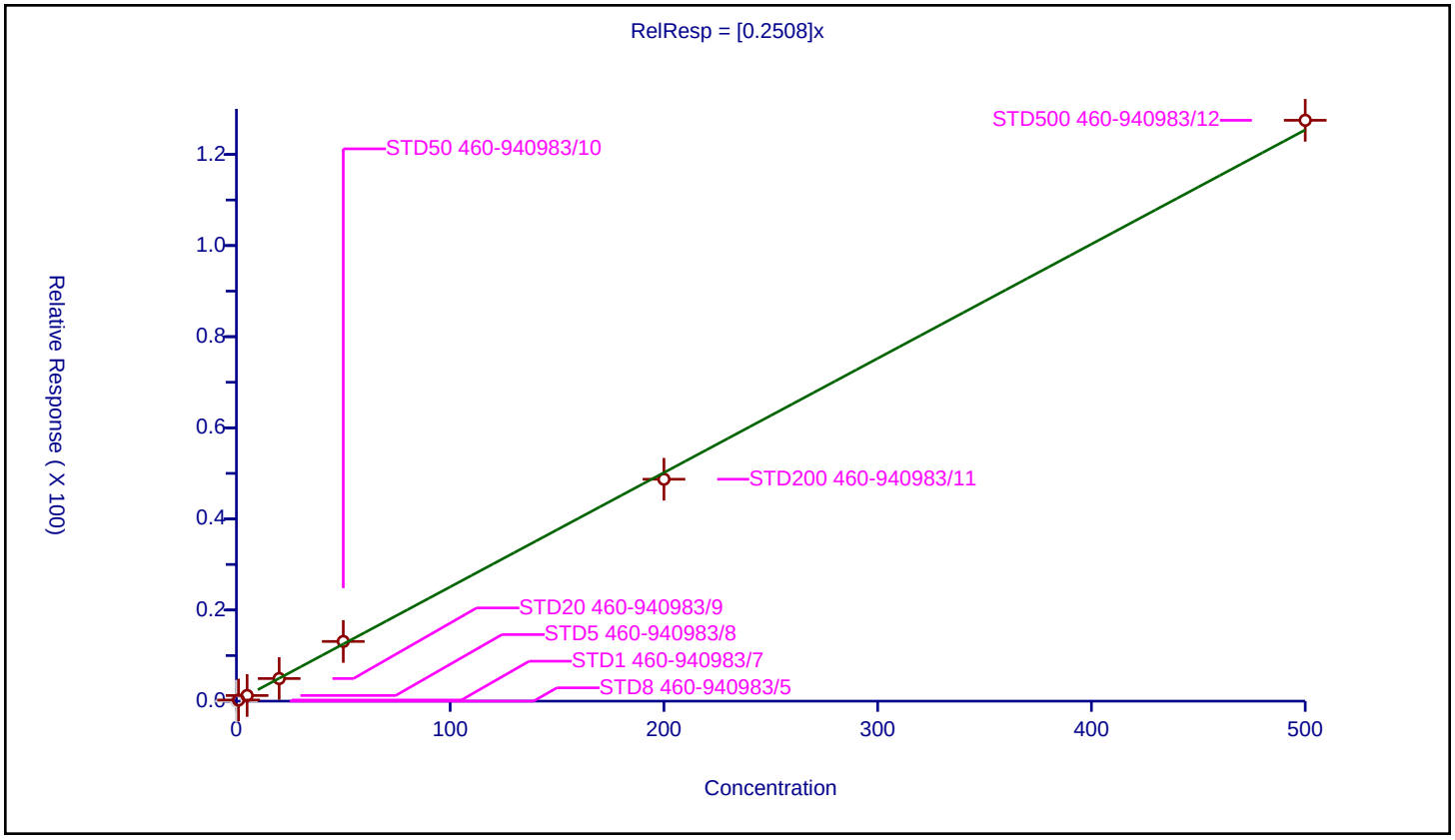
Curve Coefficients

Intercept:	0
Slope:	0.2508

Error Coefficients

Standard Error:	859000
Relative Standard Error:	2.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.248306	50.0	562411.0	0.248306	Y
3	STD5 460-940983/8	5.0	1.239297	50.0	576577.0	0.247859	Y
4	STD20 460-940983/9	20.0	4.958152	50.0	598469.0	0.247908	Y
5	STD50 460-940983/10	50.0	13.102717	50.0	628301.0	0.262054	Y
6	STD200 460-940983/11	200.0	48.710216	50.0	653365.0	0.243551	Y
7	STD500 460-940983/12	500.0	127.499505	50.0	707480.0	0.254999	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

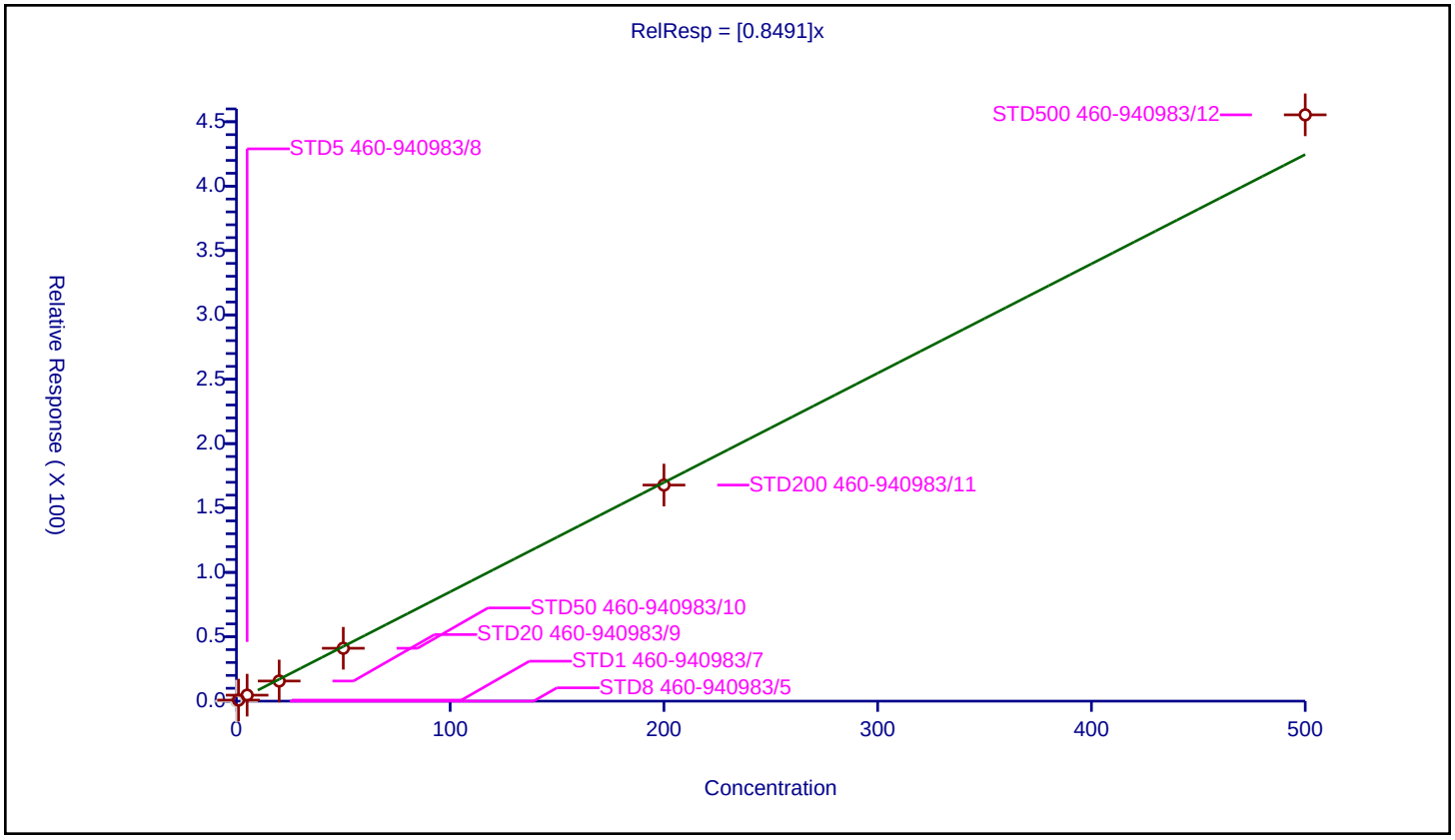
Curve Coefficients

Intercept:	0
Slope:	0.8491

Error Coefficients

Standard Error:	3050000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.813106	50.0	562411.0	0.813106	Y
3	STD5 460-940983/8	5.0	4.646127	50.0	576577.0	0.929225	Y
4	STD20 460-940983/9	20.0	15.621528	50.0	598469.0	0.781076	Y
5	STD50 460-940983/10	50.0	41.066384	50.0	628301.0	0.821328	Y
6	STD200 460-940983/11	200.0	167.830921	50.0	653365.0	0.839155	Y
7	STD500 460-940983/12	500.0	455.387078	50.0	707480.0	0.910774	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

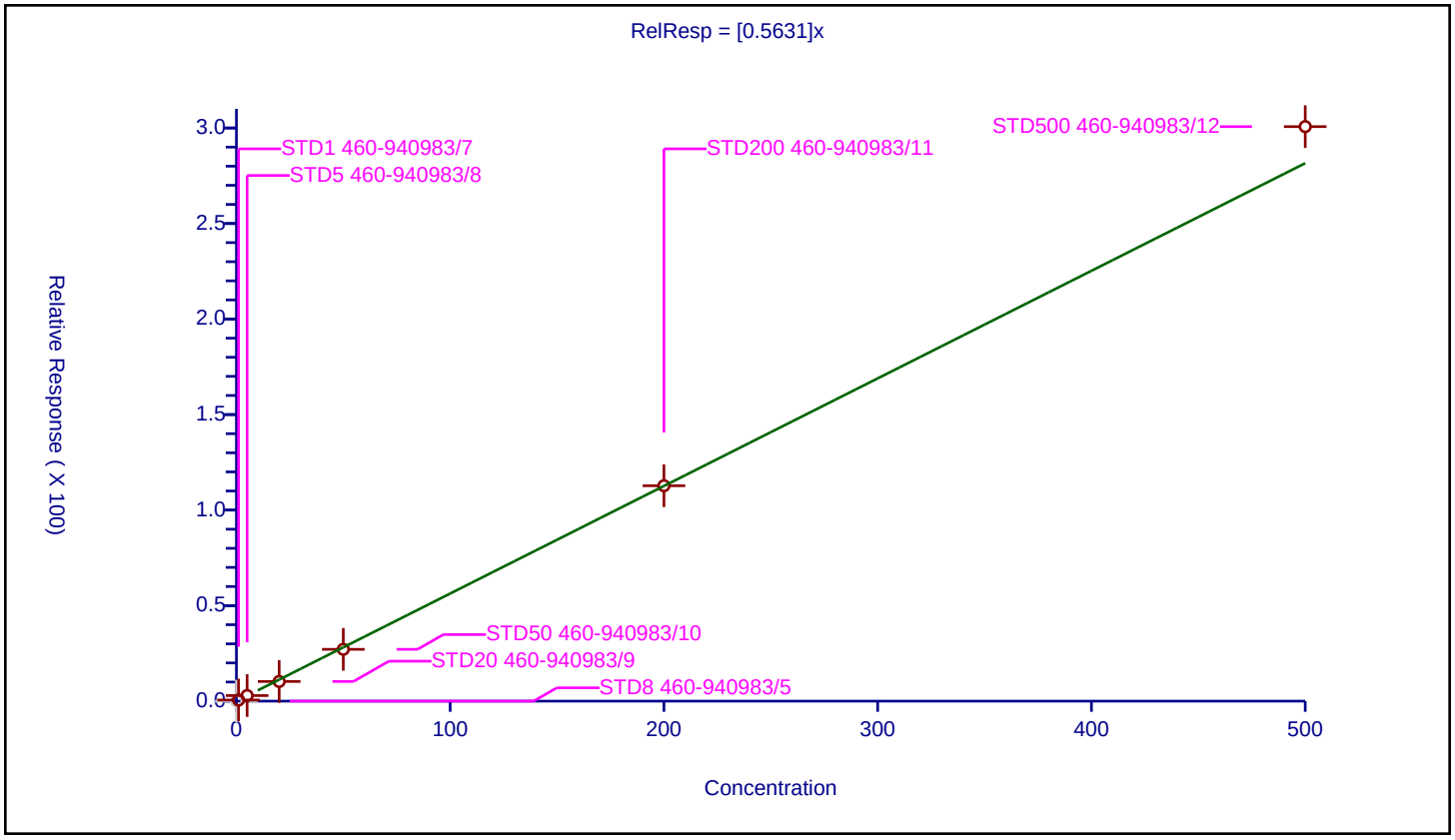
Curve Coefficients

Intercept:	0
Slope:	0.5631

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.572268	50.0	562411.0	0.572268	Y
3	STD5 460-940983/8	5.0	2.919645	50.0	576577.0	0.583929	Y
4	STD20 460-940983/9	20.0	10.299865	50.0	598469.0	0.514993	Y
5	STD50 460-940983/10	50.0	27.118133	50.0	628301.0	0.542363	Y
6	STD200 460-940983/11	200.0	112.748311	50.0	653365.0	0.563742	Y
7	STD500 460-940983/12	500.0	300.717617	50.0	707480.0	0.601435	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

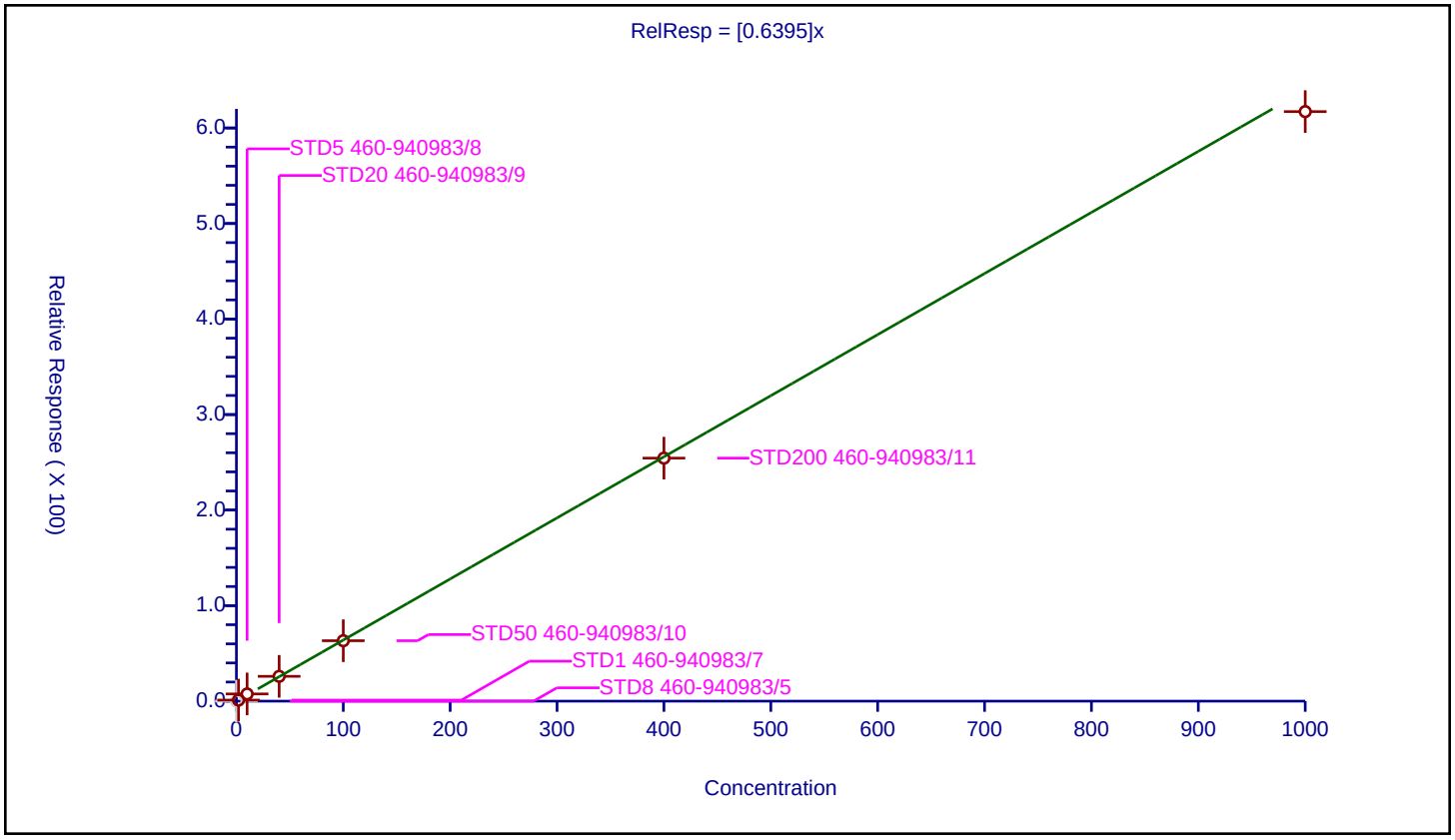
Curve Coefficients

Intercept:	0
Slope:	0.6395

Error Coefficients

Standard Error:	433000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	1.093976	250.0	244521.0	0.546988	Y
3	STD5 460-940983/8	10.0	7.551501	250.0	259849.0	0.75515	Y
4	STD20 460-940983/9	40.0	25.977627	250.0	278634.0	0.649441	Y
5	STD50 460-940983/10	100.0	63.243792	250.0	294353.0	0.632438	Y
6	STD200 460-940983/11	400.0	254.369399	250.0	318236.0	0.635923	Y
7	STD500 460-940983/12	1000.0	617.165682	250.0	368826.0	0.617166	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

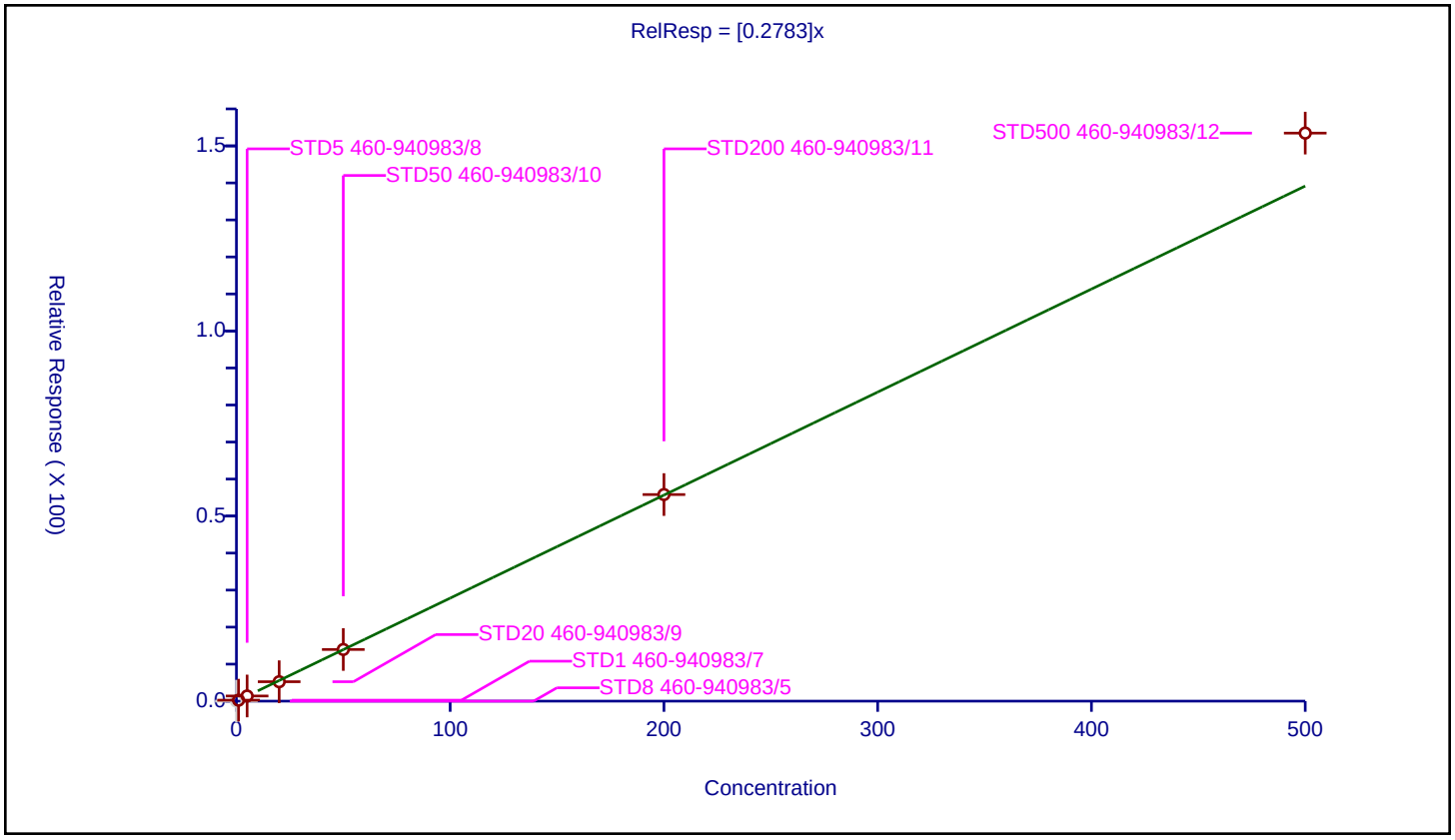
Curve Coefficients

Intercept:	0
Slope:	0.2783

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.263419	50.0	562411.0	0.263419	Y
3	STD5 460-940983/8	5.0	1.395304	50.0	576577.0	0.279061	Y
4	STD20 460-940983/9	20.0	5.245384	50.0	598469.0	0.262269	Y
5	STD50 460-940983/10	50.0	13.956925	50.0	628301.0	0.279139	Y
6	STD200 460-940983/11	200.0	55.810688	50.0	653365.0	0.279053	Y
7	STD500 460-940983/12	500.0	153.4572	50.0	707480.0	0.306914	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

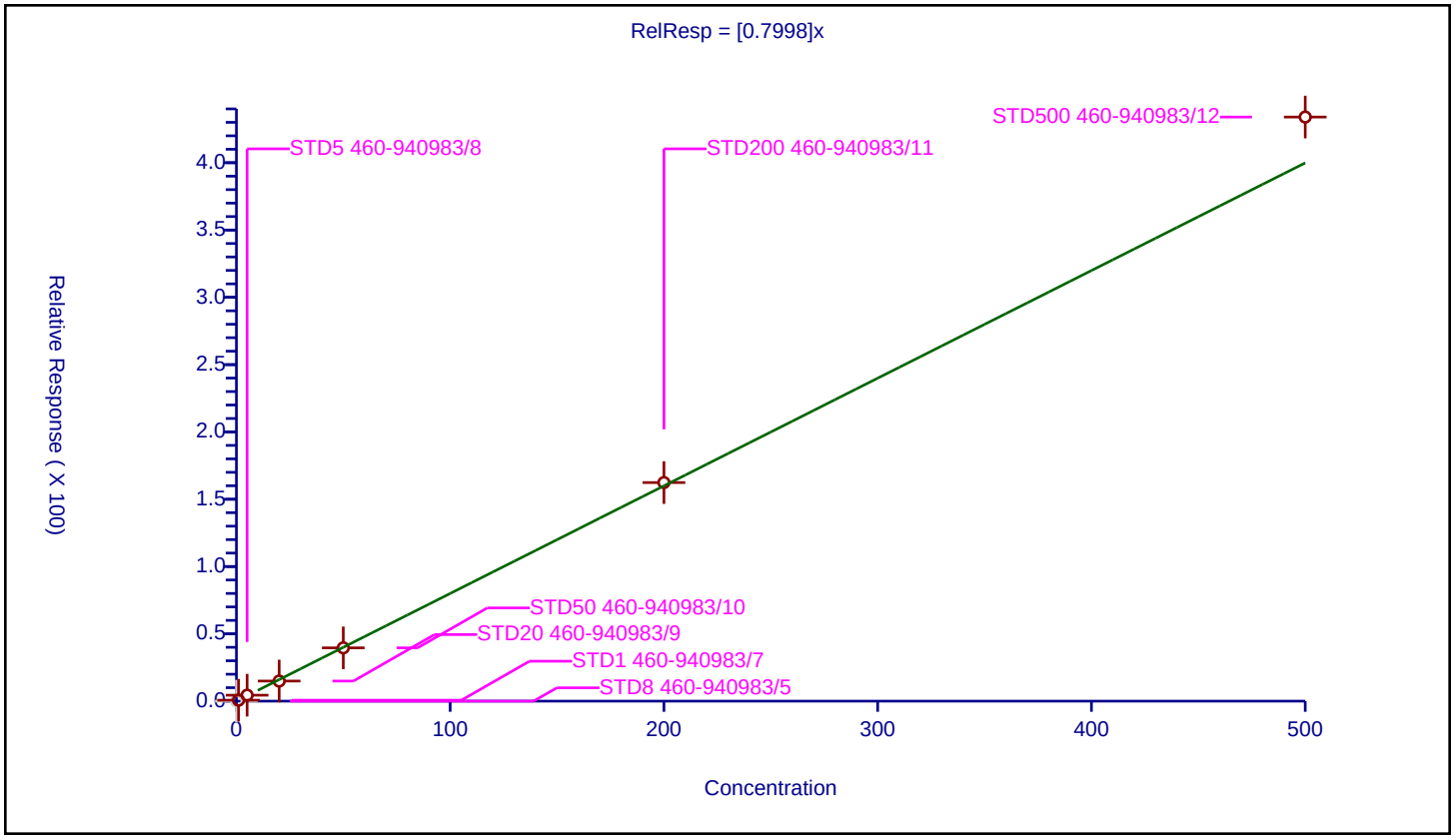
Curve Coefficients

Intercept:	0
Slope:	0.7998

Error Coefficients

Standard Error:	2910000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.698422	50.0	562411.0	0.698422	Y
3	STD5 460-940983/8	5.0	4.413374	50.0	576577.0	0.882675	Y
4	STD20 460-940983/9	20.0	14.920656	50.0	598469.0	0.746033	Y
5	STD50 460-940983/10	50.0	39.585247	50.0	628301.0	0.791705	Y
6	STD200 460-940983/11	200.0	162.381517	50.0	653365.0	0.811908	Y
7	STD500 460-940983/12	500.0	433.935871	50.0	707480.0	0.867872	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

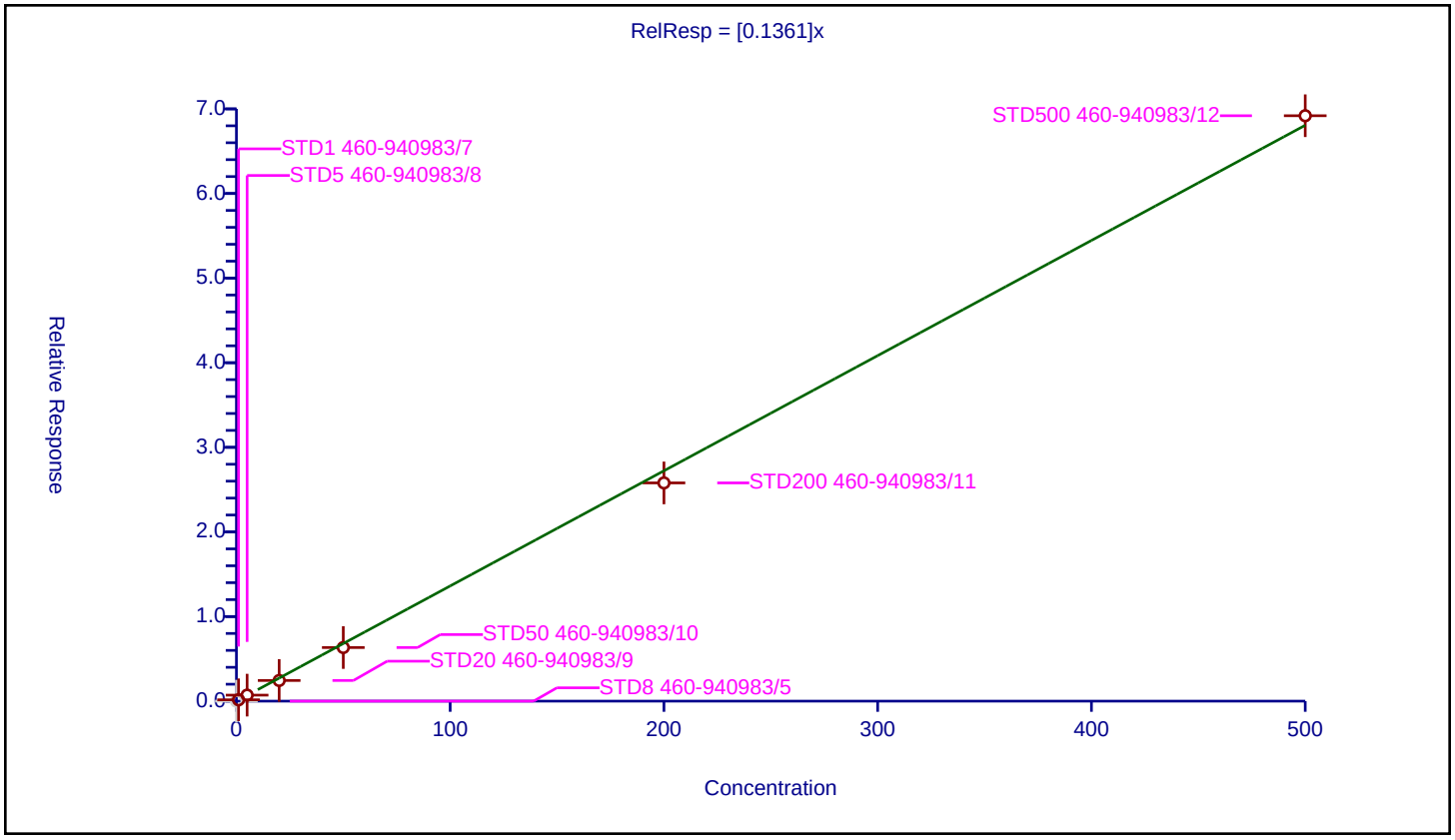
Curve Coefficients

Intercept:	0
Slope:	0.1361

Error Coefficients

Standard Error:	465000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.158692	50.0	562411.0	0.158692	Y
3	STD5 460-940983/8	5.0	0.710139	50.0	576577.0	0.142028	Y
4	STD20 460-940983/9	20.0	2.440394	50.0	598469.0	0.12202	Y
5	STD50 460-940983/10	50.0	6.333827	50.0	628301.0	0.126677	Y
6	STD200 460-940983/11	200.0	25.792245	50.0	653365.0	0.128961	Y
7	STD500 460-940983/12	500.0	69.191709	50.0	707480.0	0.138383	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

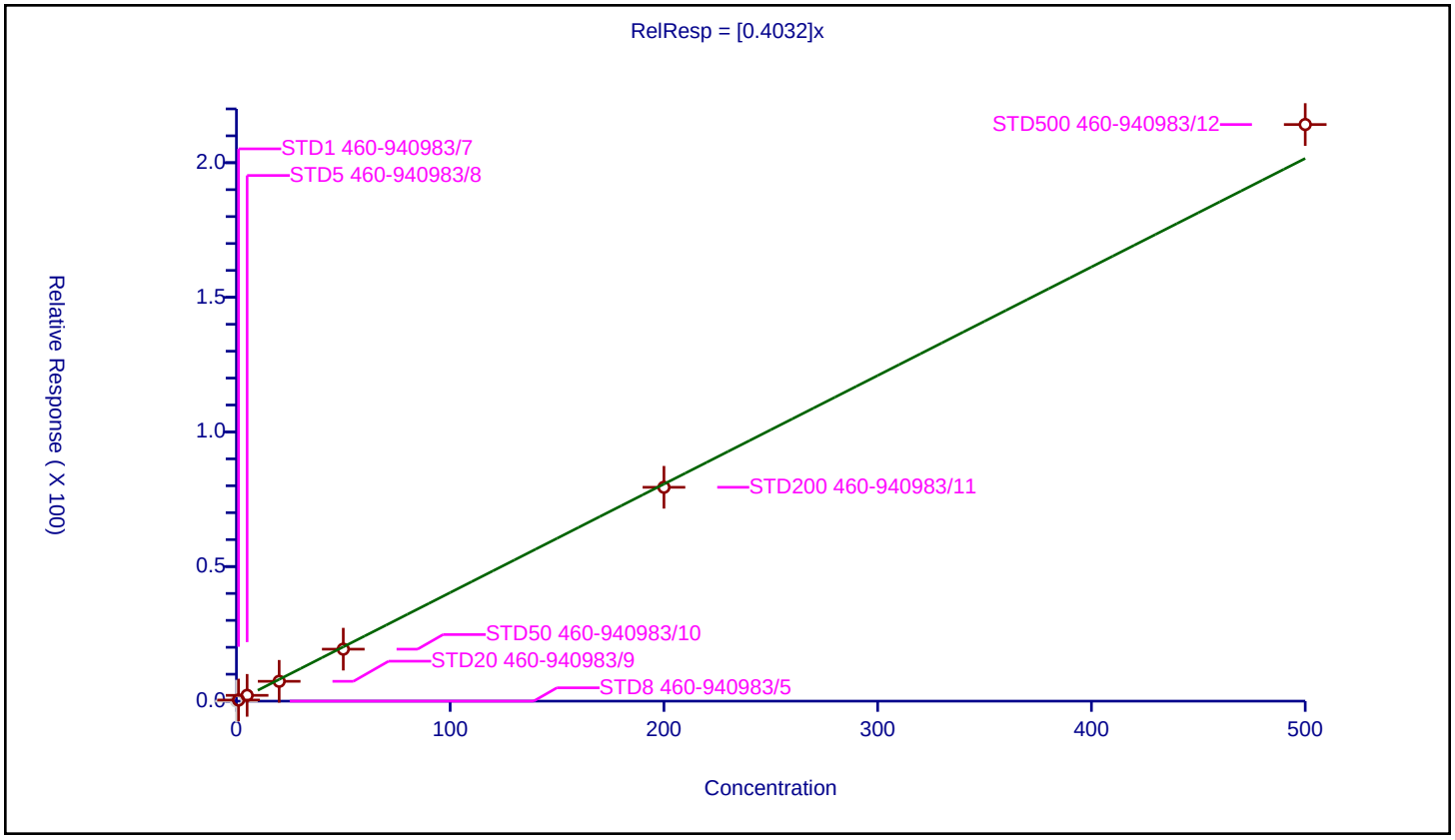
Curve Coefficients

Intercept:	0
Slope:	0.4032

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.409042	50.0	562411.0	0.409042	Y
3	STD5 460-940983/8	5.0	2.150016	50.0	576577.0	0.430003	Y
4	STD20 460-940983/9	20.0	7.366631	50.0	598469.0	0.368332	Y
5	STD50 460-940983/10	50.0	19.310649	50.0	628301.0	0.386213	Y
6	STD200 460-940983/11	200.0	79.438522	50.0	653365.0	0.397193	Y
7	STD500 460-940983/12	500.0	214.194606	50.0	707480.0	0.428389	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

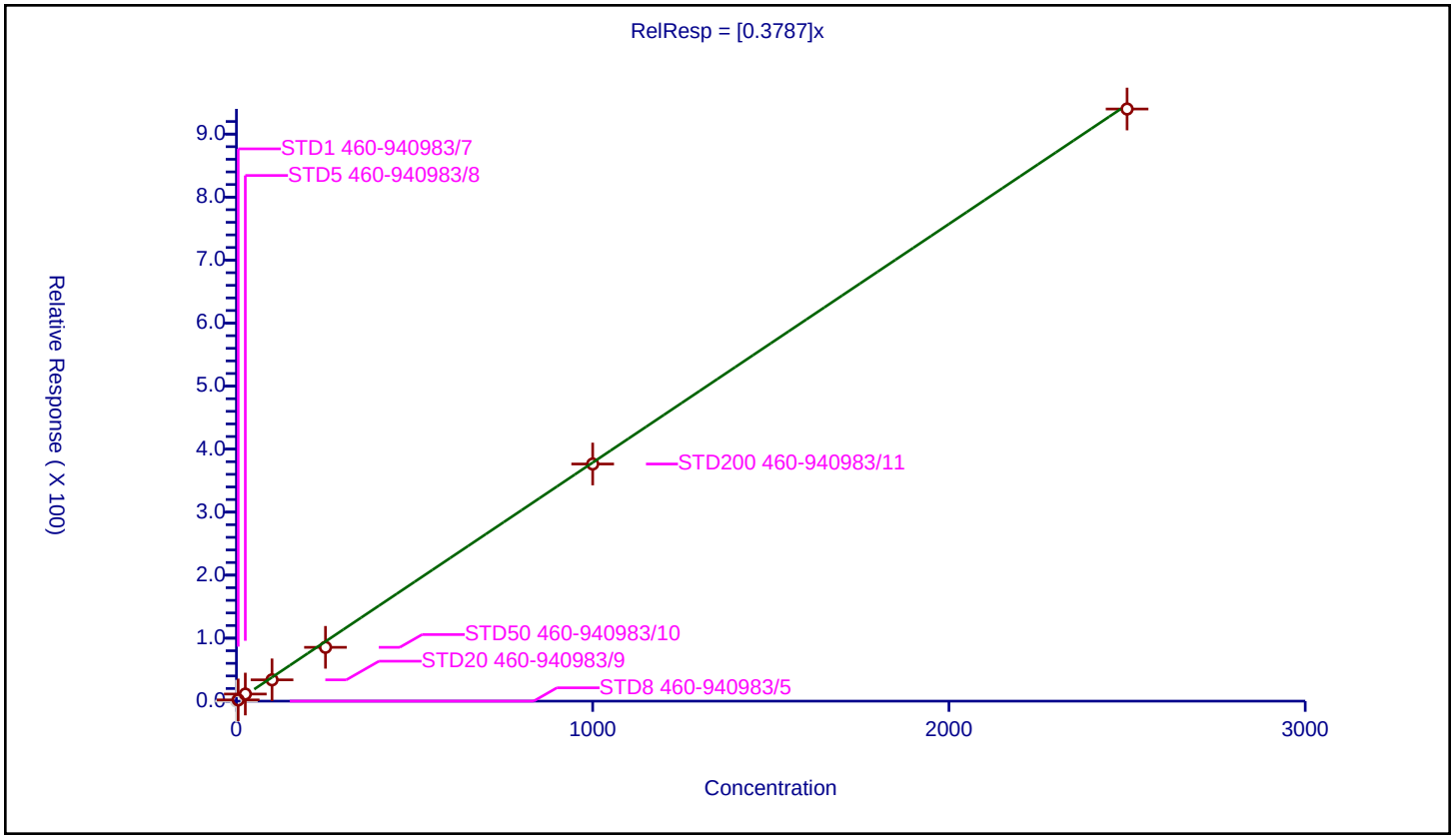
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Standard Error:	657000
Relative Standard Error:	10.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	1.94973	250.0	244521.0	0.389946	Y
3	STD5 460-940983/8	25.0	11.258462	250.0	259849.0	0.450338	Y
4	STD20 460-940983/9	100.0	33.776388	250.0	278634.0	0.337764	Y
5	STD50 460-940983/10	250.0	85.392369	250.0	294353.0	0.341569	Y
6	STD200 460-940983/11	1000.0	376.365339	250.0	318236.0	0.376365	Y
7	STD500 460-940983/12	2500.0	939.836807	250.0	368826.0	0.375935	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

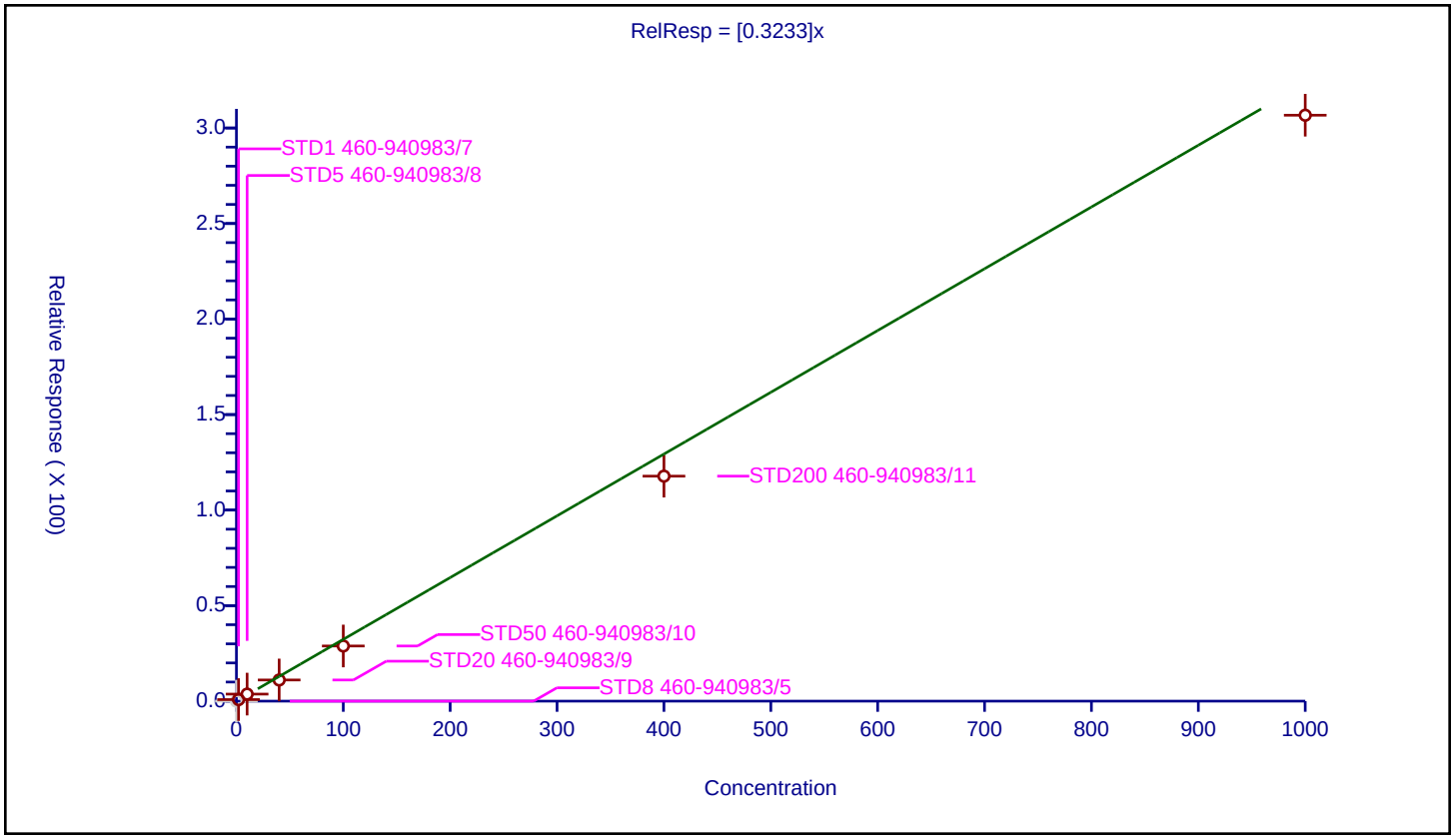
Curve Coefficients

Intercept:	0
Slope:	0.3233

Error Coefficients

Standard Error:	214000
Relative Standard Error:	15.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	0.809746	250.0	244521.0	0.404873	Y
3	STD5 460-940983/8	10.0	3.684832	250.0	259849.0	0.368483	Y
4	STD20 460-940983/9	40.0	11.071872	250.0	278634.0	0.276797	Y
5	STD50 460-940983/10	100.0	28.864153	250.0	294353.0	0.288642	Y
6	STD200 460-940983/11	400.0	117.770303	250.0	318236.0	0.294426	Y
7	STD500 460-940983/12	1000.0	306.690011	250.0	368826.0	0.30669	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

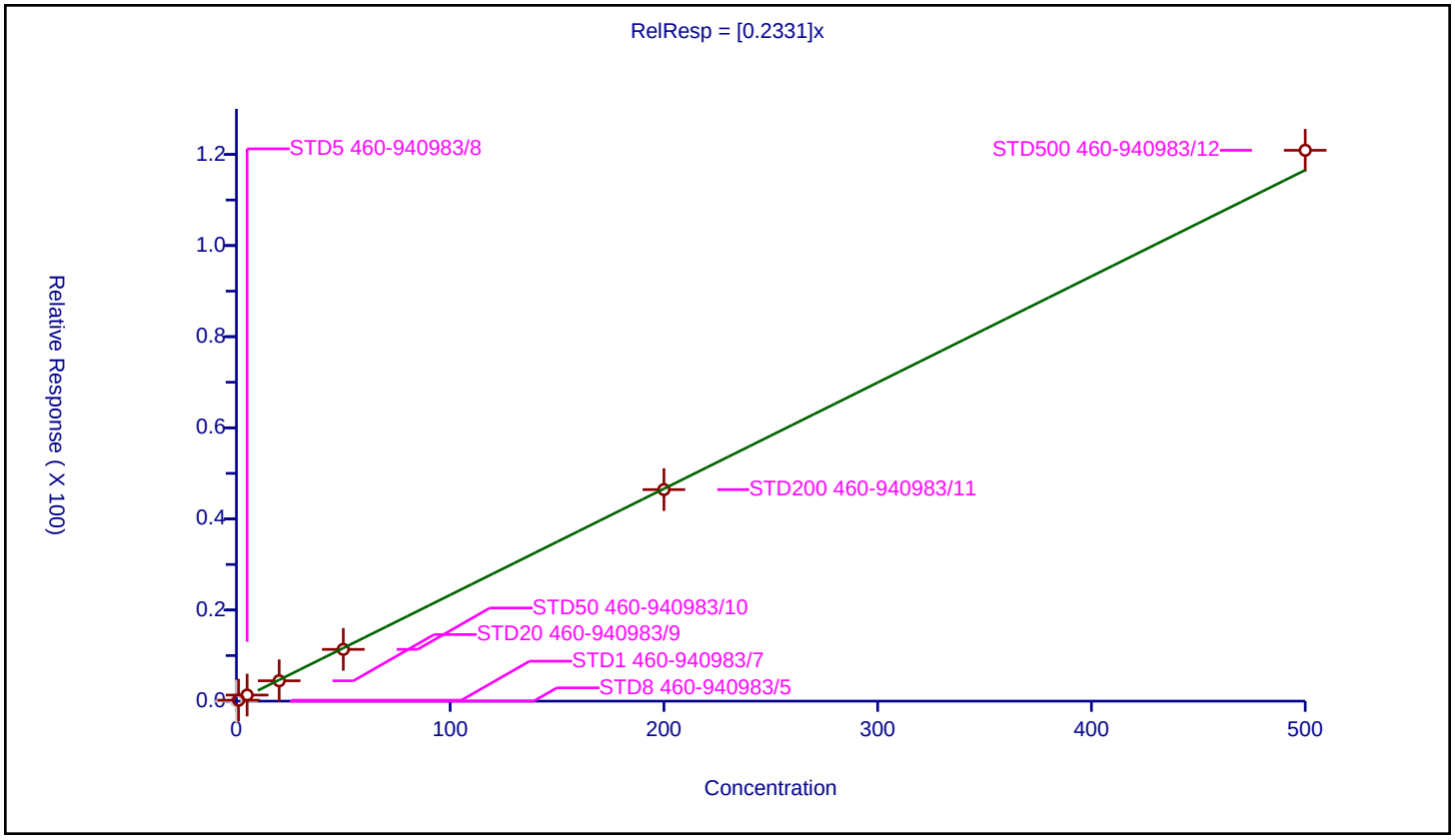
Curve Coefficients

Intercept:	0
Slope:	0.2331

Error Coefficients

Standard Error:	815000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.207055	50.0	562411.0	0.207055	Y
3	STD5 460-940983/8	5.0	1.334861	50.0	576577.0	0.266972	Y
4	STD20 460-940983/9	20.0	4.468569	50.0	598469.0	0.223428	Y
5	STD50 460-940983/10	50.0	11.362627	50.0	628301.0	0.227253	Y
6	STD200 460-940983/11	200.0	46.431244	50.0	653365.0	0.232156	Y
7	STD500 460-940983/12	500.0	120.914513	50.0	707480.0	0.241829	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

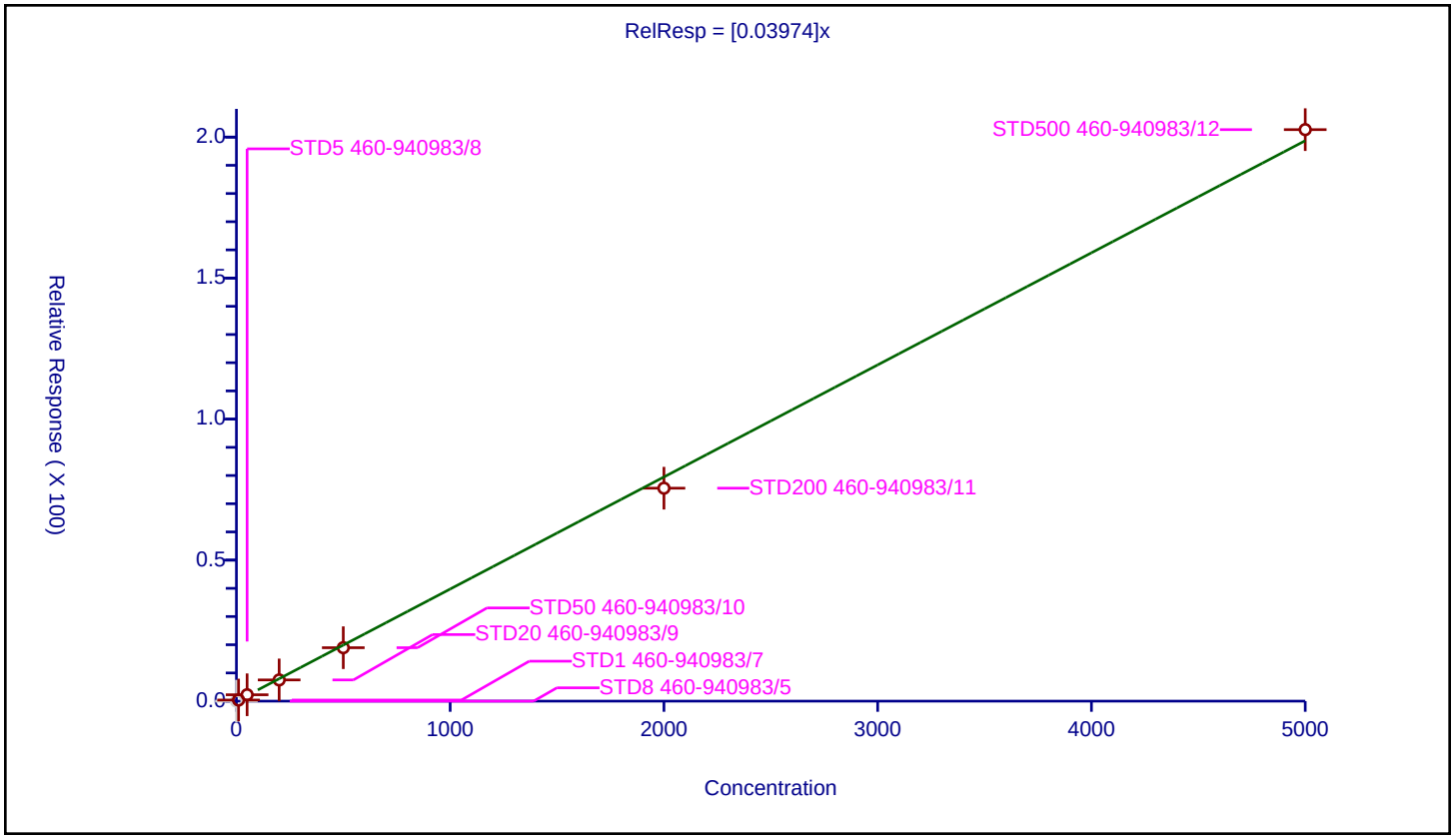
Curve Coefficients

Intercept:	0
Slope:	0.03974

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	7.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	10.0	0.393484	50.0	562411.0	0.039348	Y
3	STD5 460-940983/8	50.0	2.264832	50.0	576577.0	0.045297	Y
4	STD20 460-940983/9	200.0	7.524868	50.0	598469.0	0.037624	Y
5	STD50 460-940983/10	500.0	18.953018	50.0	628301.0	0.037906	Y
6	STD200 460-940983/11	2000.0	75.510243	50.0	653365.0	0.037755	Y
7	STD500 460-940983/12	5000.0	202.638732	50.0	707480.0	0.040528	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

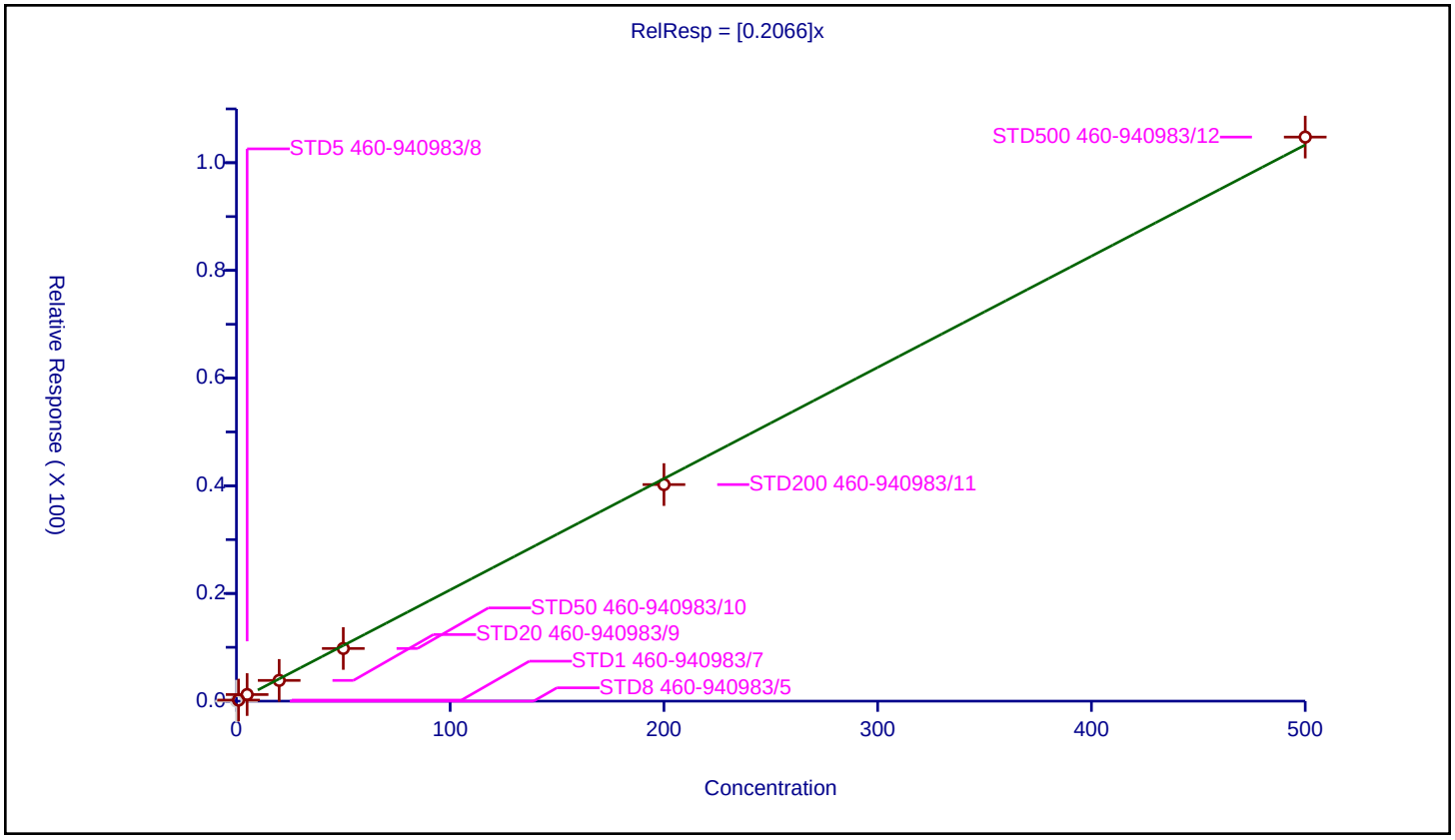
Curve Coefficients

Intercept:	0
Slope:	0.2066

Error Coefficients

Standard Error:	706000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.195942	50.0	562411.0	0.195942	Y
3	STD5 460-940983/8	5.0	1.224555	50.0	576577.0	0.244911	Y
4	STD20 460-940983/9	20.0	3.851912	50.0	598469.0	0.192596	Y
5	STD50 460-940983/10	50.0	9.782732	50.0	628301.0	0.195655	Y
6	STD200 460-940983/11	200.0	40.222617	50.0	653365.0	0.201113	Y
7	STD500 460-940983/12	500.0	104.765223	50.0	707480.0	0.20953	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

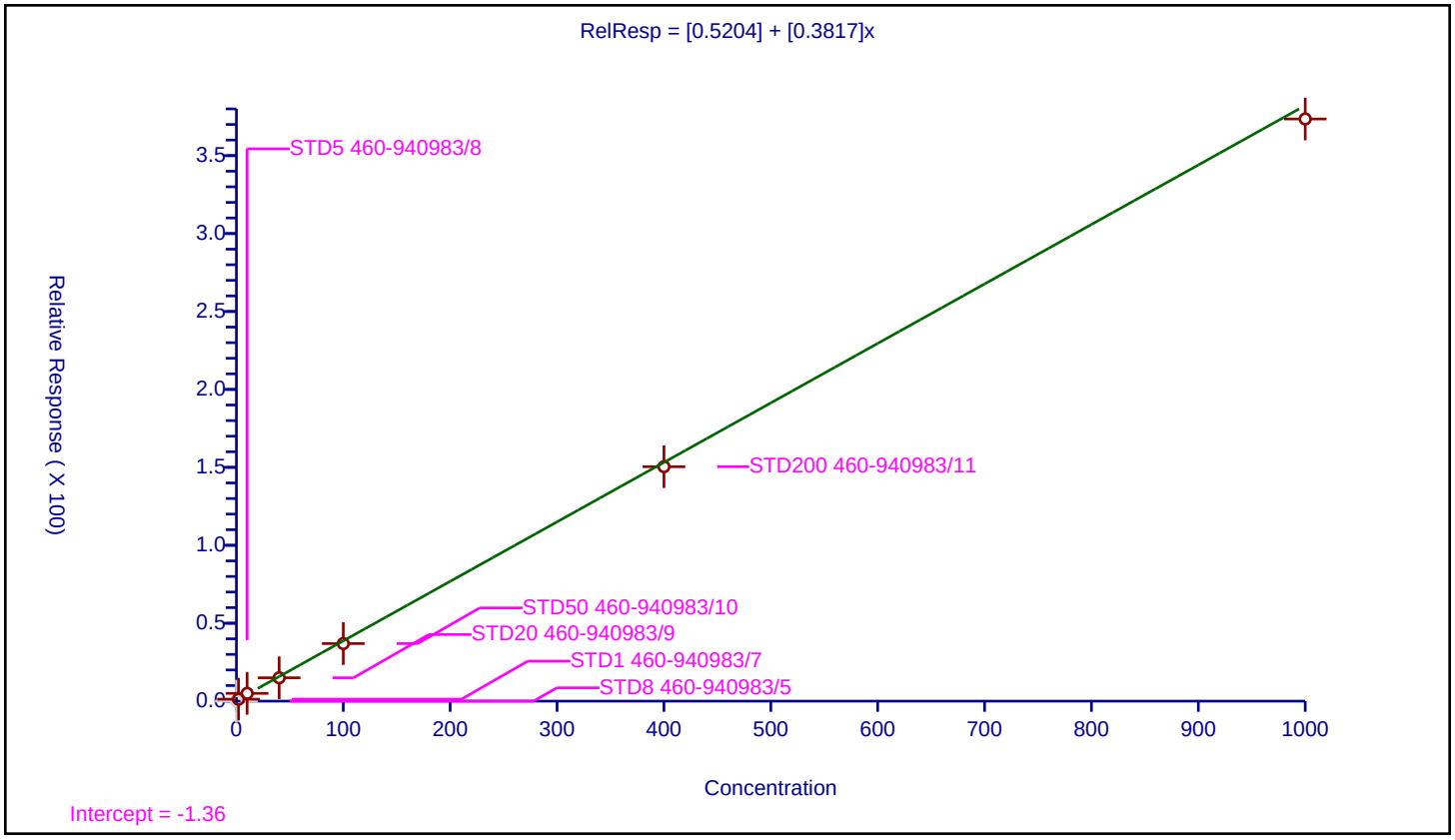
Curve Coefficients

Intercept:	0.5204
Slope:	0.3817

Error Coefficients

Standard Error:	292000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	2.0	1.260628	250.0	244521.0	0.630314	Y
3	STD5 460-940983/8	10.0	4.985588	250.0	259849.0	0.498559	Y
4	STD20 460-940983/9	40.0	14.977533	250.0	278634.0	0.374438	Y
5	STD50 460-940983/10	100.0	36.930998	250.0	294353.0	0.36931	Y
6	STD200 460-940983/11	400.0	150.433955	250.0	318236.0	0.376085	Y
7	STD500 460-940983/12	1000.0	373.526405	250.0	368826.0	0.373526	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

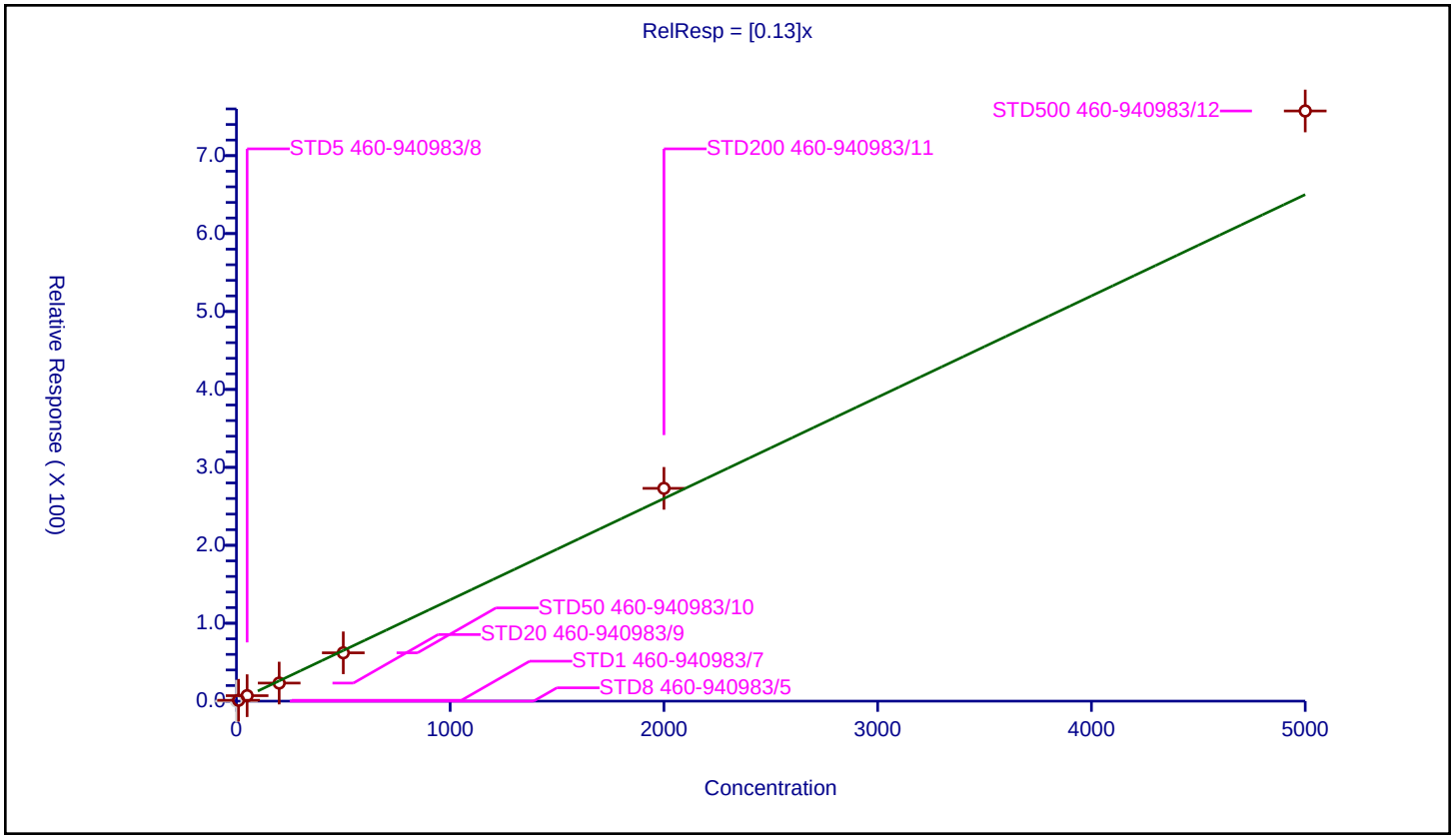
Curve Coefficients

Intercept:	0
Slope:	0.13

Error Coefficients

Standard Error:	5060000
Relative Standard Error:	11.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	10.0	1.115643	50.0	562411.0	0.111564	Y
3	STD5 460-940983/8	50.0	7.024907	50.0	576577.0	0.140498	Y
4	STD20 460-940983/9	200.0	23.192262	50.0	598469.0	0.115961	Y
5	STD50 460-940983/10	500.0	62.008178	50.0	628301.0	0.124016	Y
6	STD200 460-940983/11	2000.0	273.065821	50.0	653365.0	0.136533	Y
7	STD500 460-940983/12	5000.0	757.340985	50.0	707480.0	0.151468	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

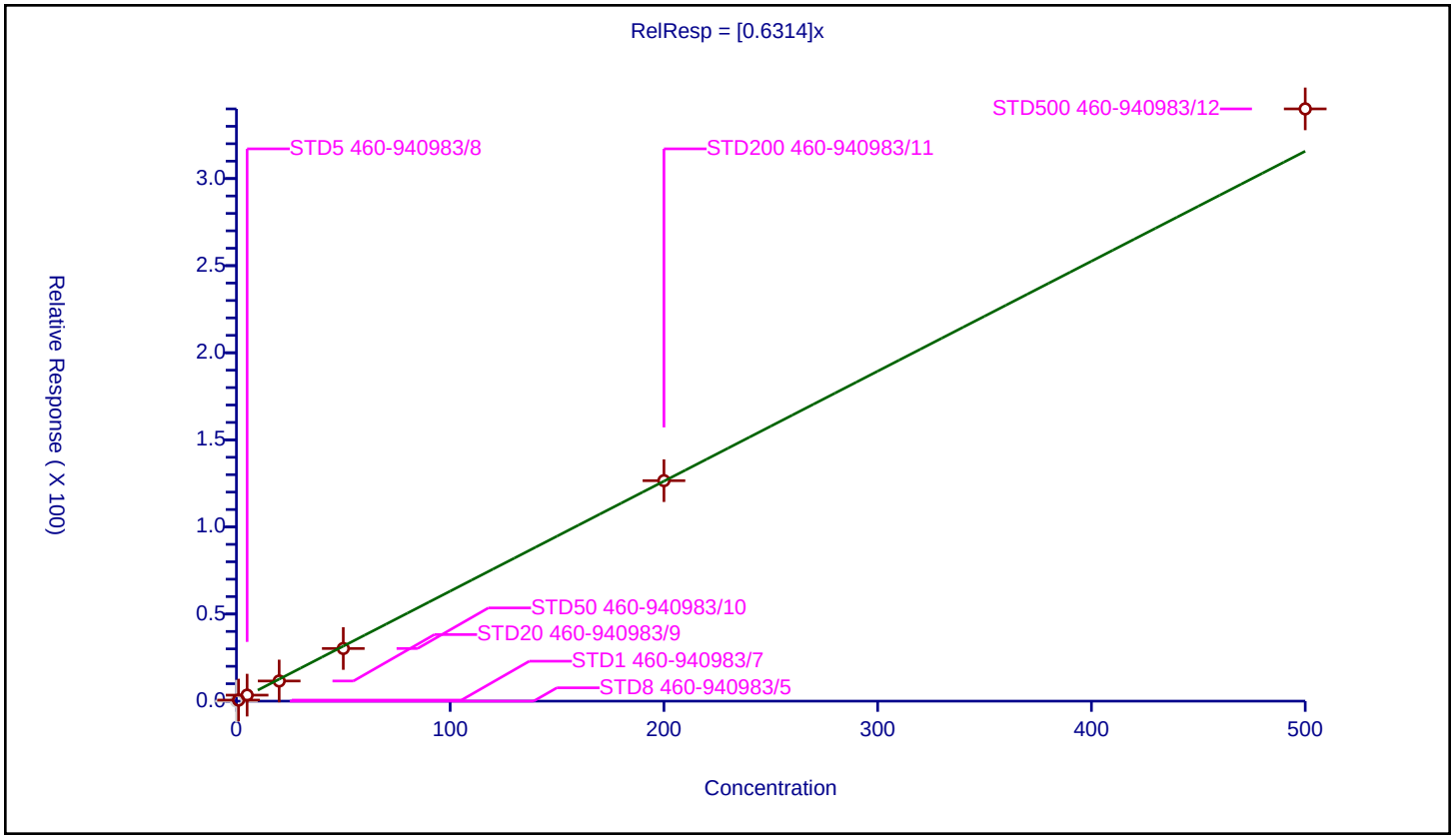
Curve Coefficients

Intercept:	0
Slope:	0.6314

Error Coefficients

Standard Error:	2280000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.604362	50.0	562411.0	0.604362	Y
3	STD5 460-940983/8	5.0	3.442905	50.0	576577.0	0.688581	Y
4	STD20 460-940983/9	20.0	11.56125	50.0	598469.0	0.578063	Y
5	STD50 460-940983/10	50.0	30.224049	50.0	628301.0	0.604481	Y
6	STD200 460-940983/11	200.0	126.578253	50.0	653365.0	0.632891	Y
7	STD500 460-940983/12	500.0	339.996254	50.0	707480.0	0.679993	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

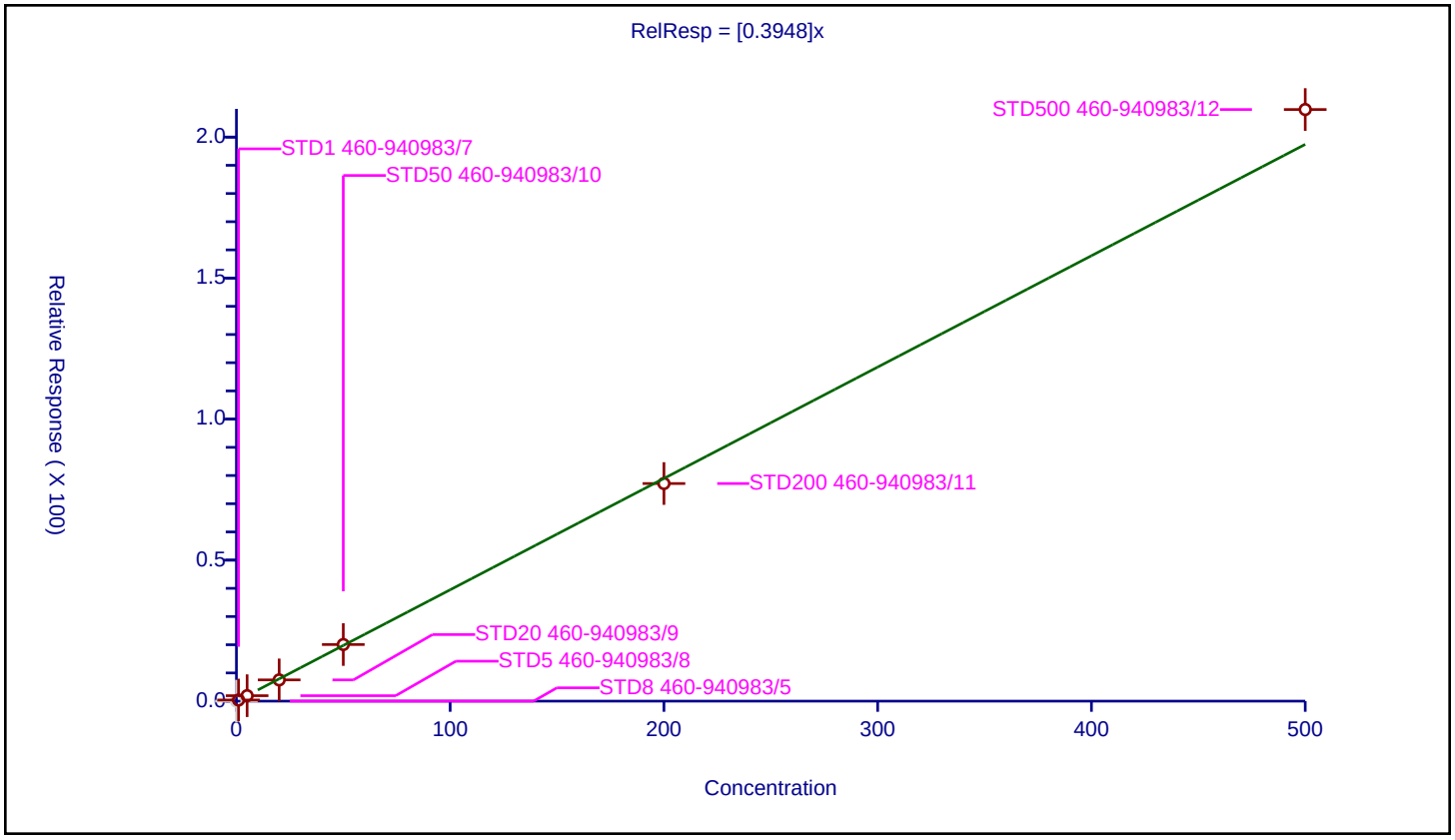
Curve Coefficients

Intercept:	0
Slope:	0.3948

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.399263	50.0	562411.0	0.399263	Y
3	STD5 460-940983/8	5.0	1.930792	50.0	576577.0	0.386158	Y
4	STD20 460-940983/9	20.0	7.533306	50.0	598469.0	0.376665	Y
5	STD50 460-940983/10	50.0	20.076683	50.0	628301.0	0.401534	Y
6	STD200 460-940983/11	200.0	77.164372	50.0	653365.0	0.385822	Y
7	STD500 460-940983/12	500.0	209.776036	50.0	707480.0	0.419552	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

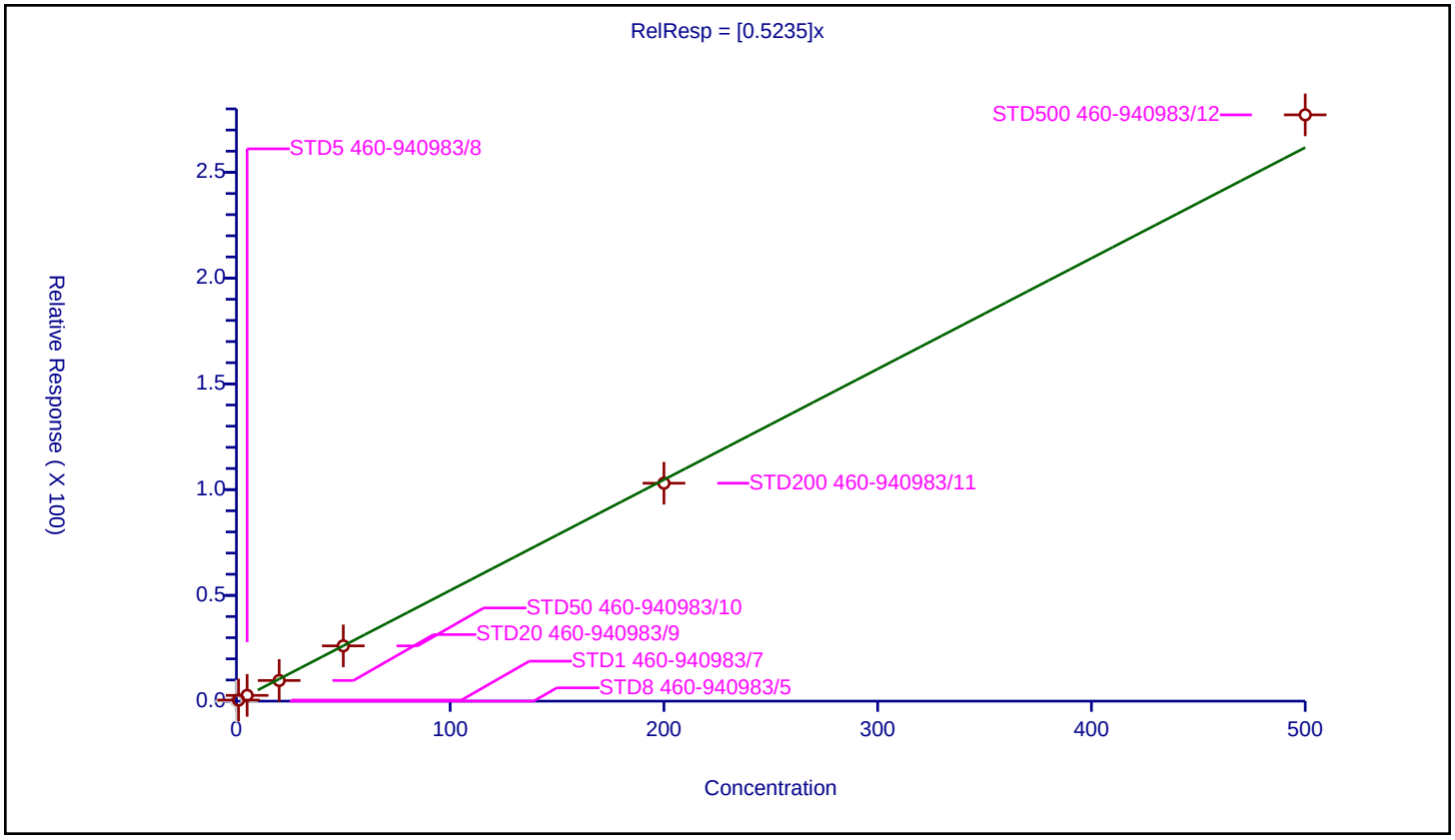
Curve Coefficients

Intercept:	0
Slope:	0.5235

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.514392	50.0	562411.0	0.514392	Y
3	STD5 460-940983/8	5.0	2.72921	50.0	576577.0	0.545842	Y
4	STD20 460-940983/9	20.0	9.765	50.0	598469.0	0.48825	Y
5	STD50 460-940983/10	50.0	26.139621	50.0	628301.0	0.522792	Y
6	STD200 460-940983/11	200.0	103.031537	50.0	653365.0	0.515158	Y
7	STD500 460-940983/12	500.0	277.18515	50.0	707480.0	0.55437	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

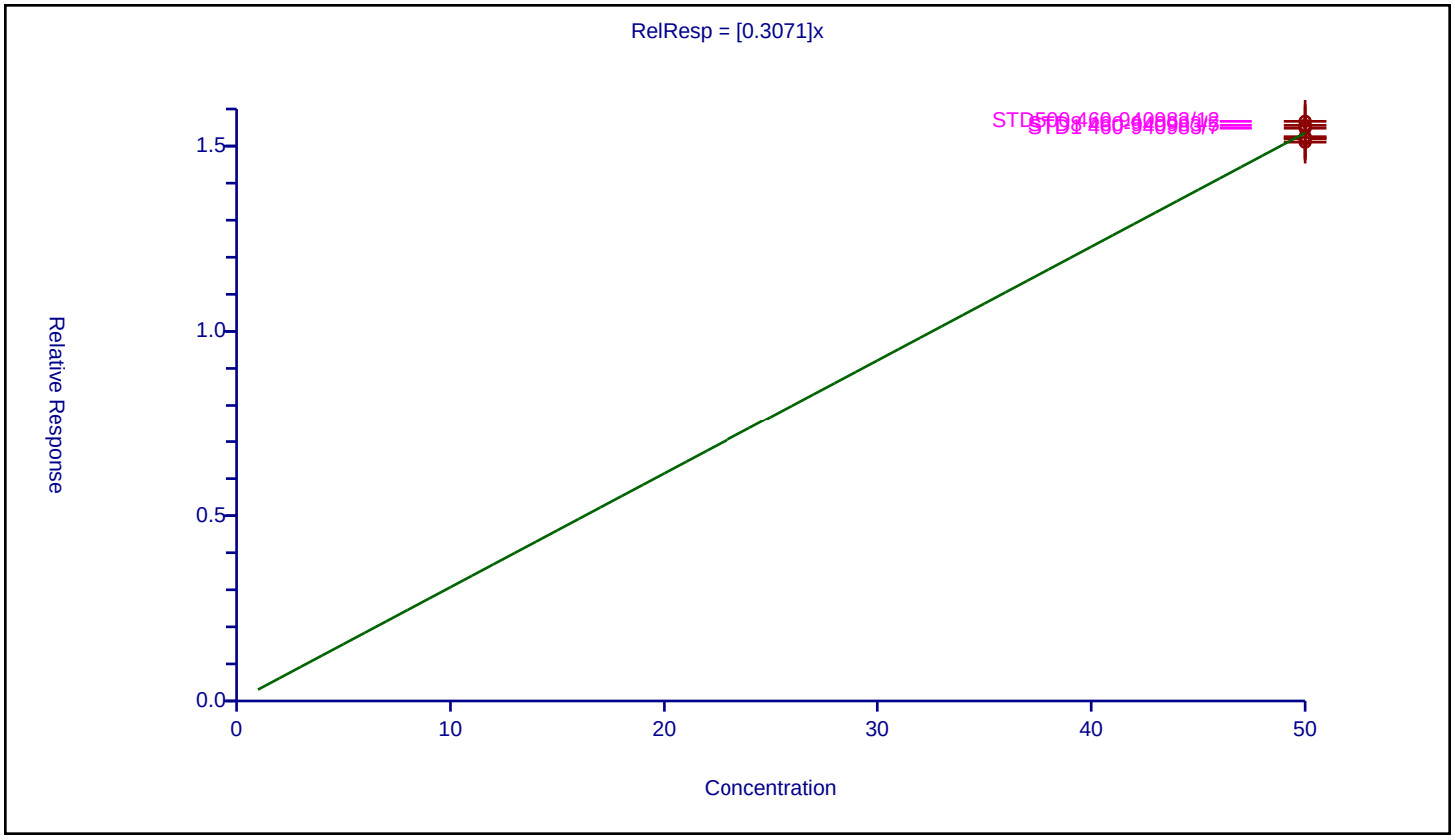
Curve Coefficients

Intercept:	0
Slope:	0.3071

Error Coefficients

Standard Error:	202000
Relative Standard Error:	1.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	15.559218	50.0	510919.0	0.311184	Y
2	STD1 460-940983/7	50.0	15.481205	50.0	562411.0	0.309624	Y
3	STD5 460-940983/8	50.0	15.194848	50.0	576577.0	0.303897	Y
4	STD20 460-940983/9	50.0	15.105795	50.0	598469.0	0.302116	Y
5	STD50 460-940983/10	50.0	15.217229	50.0	628301.0	0.304345	Y
6	STD200 460-940983/11	50.0	15.253572	50.0	653365.0	0.305071	Y
7	STD500 460-940983/12	50.0	15.667863	50.0	707480.0	0.313357	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

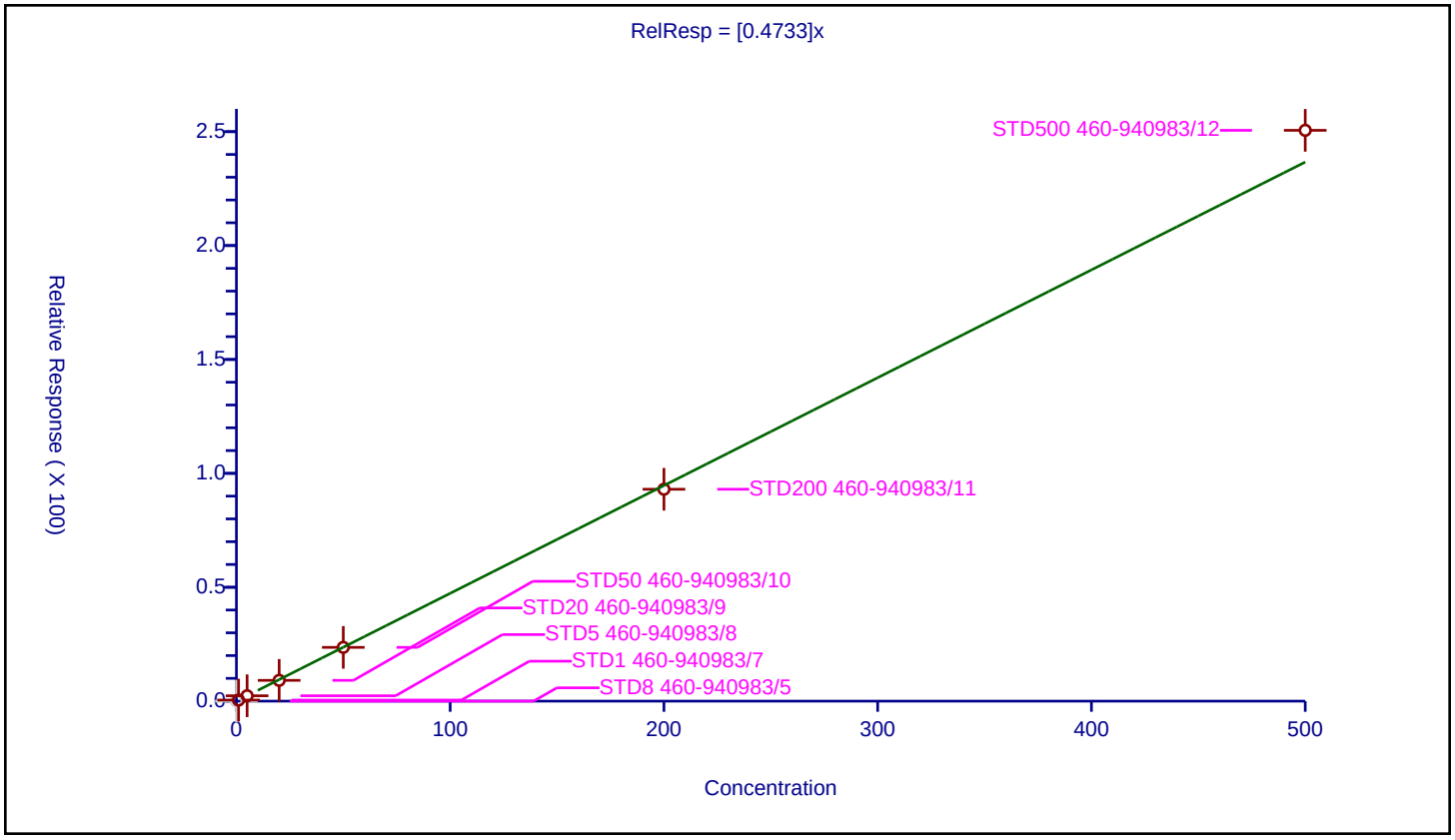
Curve Coefficients

Intercept:	0
Slope:	0.4733

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	3.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.472697	50.0	562411.0	0.472697	Y
3	STD5 460-940983/8	5.0	2.361523	50.0	576577.0	0.472305	Y
4	STD20 460-940983/9	20.0	9.131634	50.0	598469.0	0.456582	Y
5	STD50 460-940983/10	50.0	23.598482	50.0	628301.0	0.47197	Y
6	STD200 460-940983/11	200.0	93.017379	50.0	653365.0	0.465087	Y
7	STD500 460-940983/12	500.0	250.589699	50.0	707480.0	0.501179	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

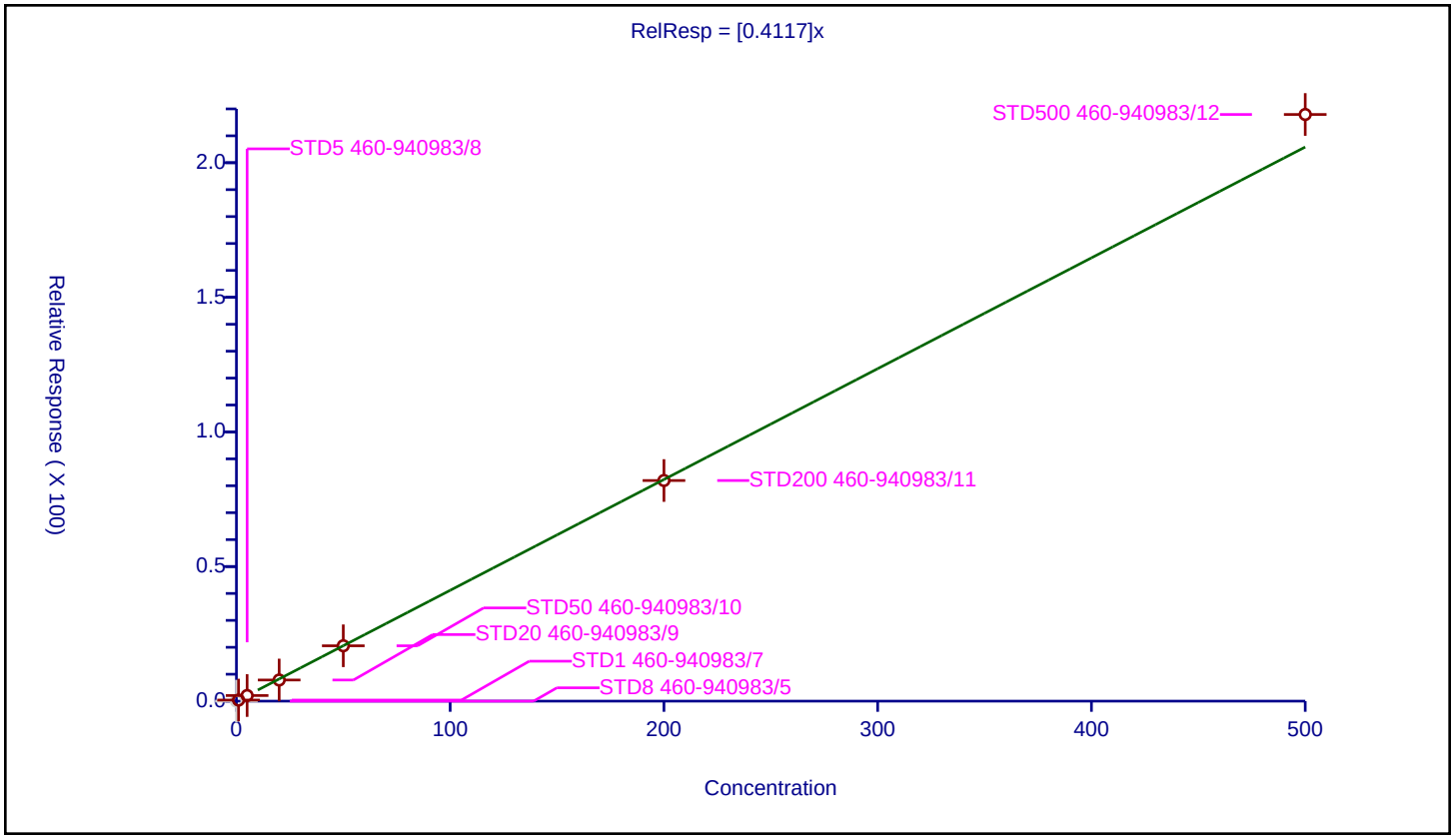
Curve Coefficients

Intercept:	0
Slope:	0.4117

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.404153	50.0	562411.0	0.404153	Y
3	STD5 460-940983/8	5.0	2.082202	50.0	576577.0	0.41644	Y
4	STD20 460-940983/9	20.0	7.851284	50.0	598469.0	0.392564	Y
5	STD50 460-940983/10	50.0	20.561801	50.0	628301.0	0.411236	Y
6	STD200 460-940983/11	200.0	81.950441	50.0	653365.0	0.409752	Y
7	STD500 460-940983/12	500.0	217.926797	50.0	707480.0	0.435854	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

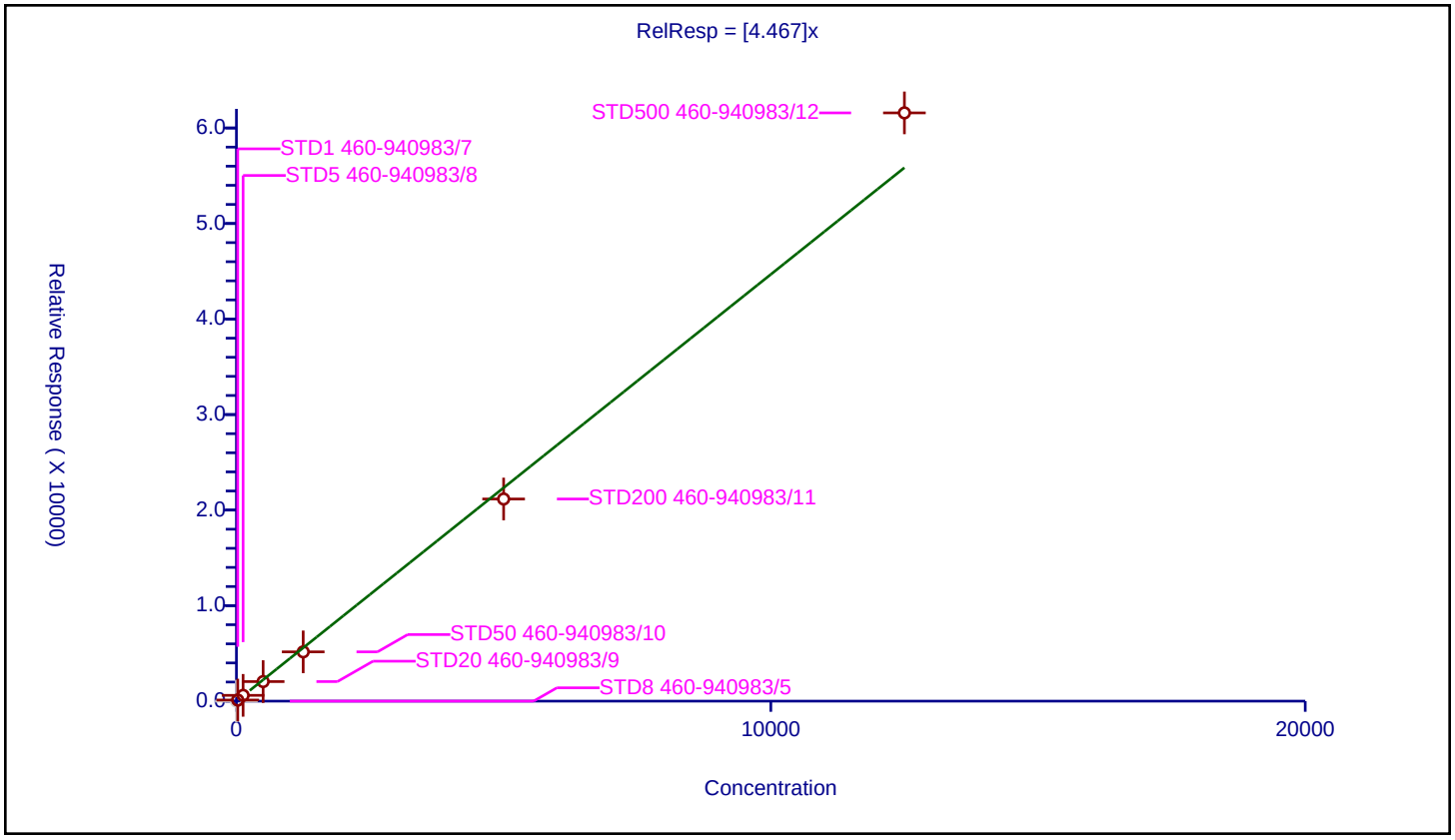
Curve Coefficients

Intercept:	0
Slope:	4.467

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	8.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	25.0	114.391355	1000.0	34889.0	4.575654	Y
3	STD5 460-940983/8	125.0	606.056269	1000.0	34939.0	4.84845	Y
4	STD20 460-940983/9	500.0	2046.772018	1000.0	39297.0	4.093544	Y
5	STD50 460-940983/10	1250.0	5160.243257	1000.0	40451.0	4.128195	Y
6	STD200 460-940983/11	5000.0	21161.963302	1000.0	43763.0	4.232393	Y
7	STD500 460-940983/12	12500.0	61582.285328	1000.0	44370.0	4.926583	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

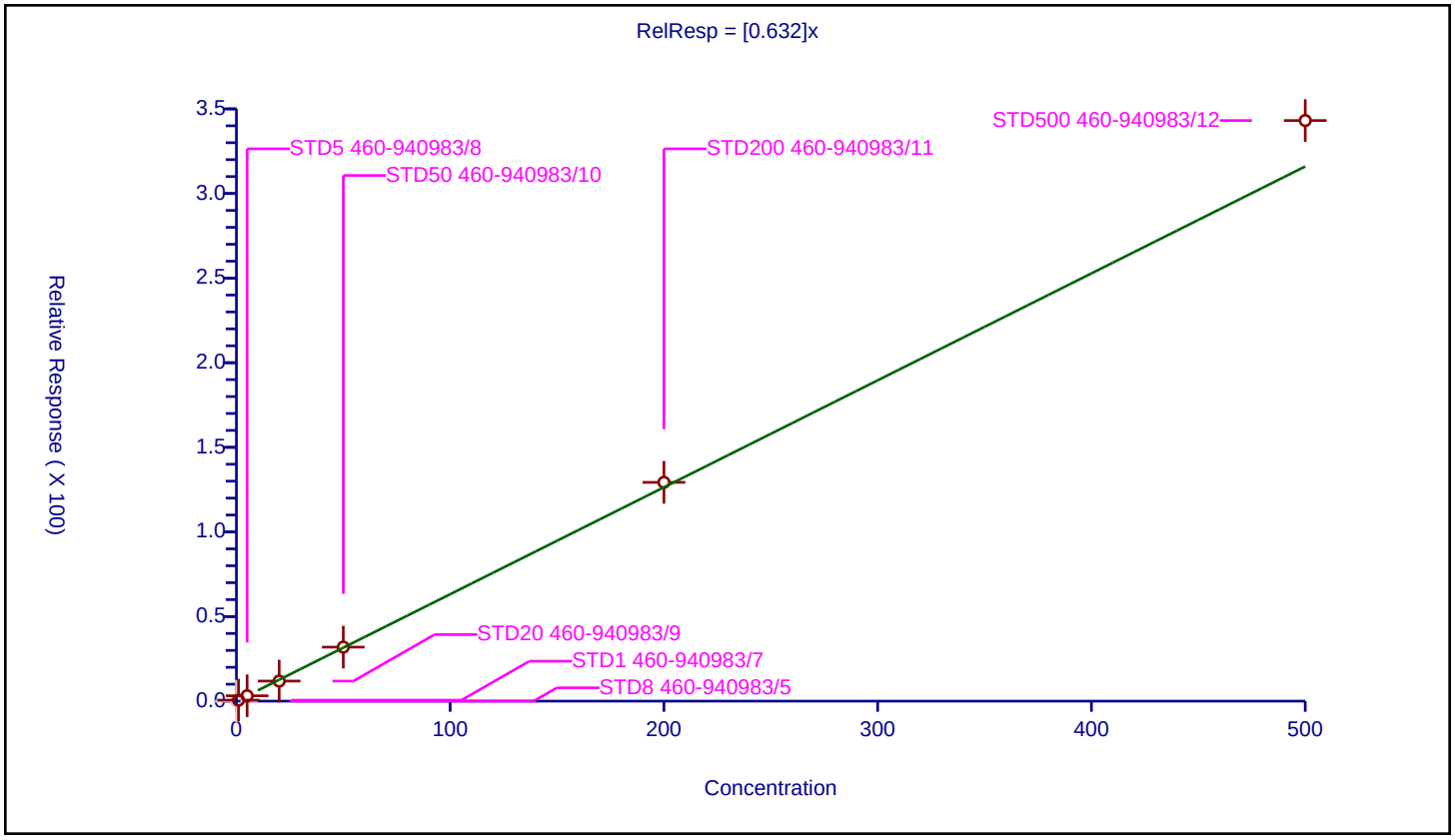
Curve Coefficients

Intercept:	0
Slope:	0.632

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.594672	50.0	562411.0	0.594672	Y
3	STD5 460-940983/8	5.0	3.165319	50.0	576577.0	0.633064	Y
4	STD20 460-940983/9	20.0	11.860013	50.0	598469.0	0.593001	Y
5	STD50 460-940983/10	50.0	31.912809	50.0	628301.0	0.638256	Y
6	STD200 460-940983/11	200.0	129.291284	50.0	653365.0	0.646456	Y
7	STD500 460-940983/12	500.0	343.127368	50.0	707480.0	0.686255	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

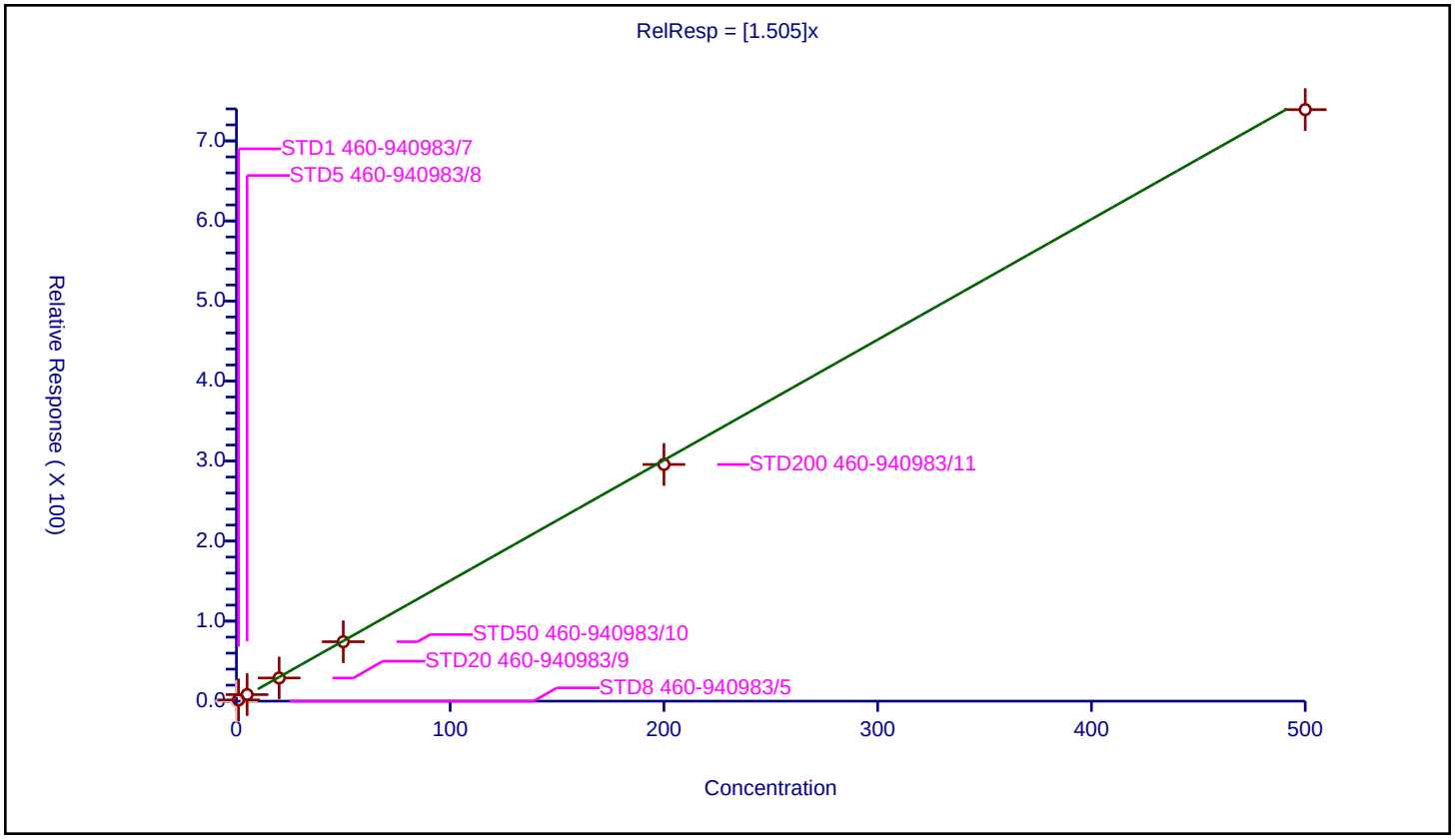
Curve Coefficients

Intercept:	0
Slope:	1.505

Error Coefficients

Standard Error:	4560000
Relative Standard Error:	4.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.506588	50.0	464626.0	1.506588	Y
3	STD5 460-940983/8	5.0	8.184752	50.0	475610.0	1.63695	Y
4	STD20 460-940983/9	20.0	28.948376	50.0	488492.0	1.447419	Y
5	STD50 460-940983/10	50.0	74.230879	50.0	521667.0	1.484618	Y
6	STD200 460-940983/11	200.0	295.718337	50.0	569078.0	1.478592	Y
7	STD500 460-940983/12	500.0	739.09647	50.0	648689.0	1.478193	Y



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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

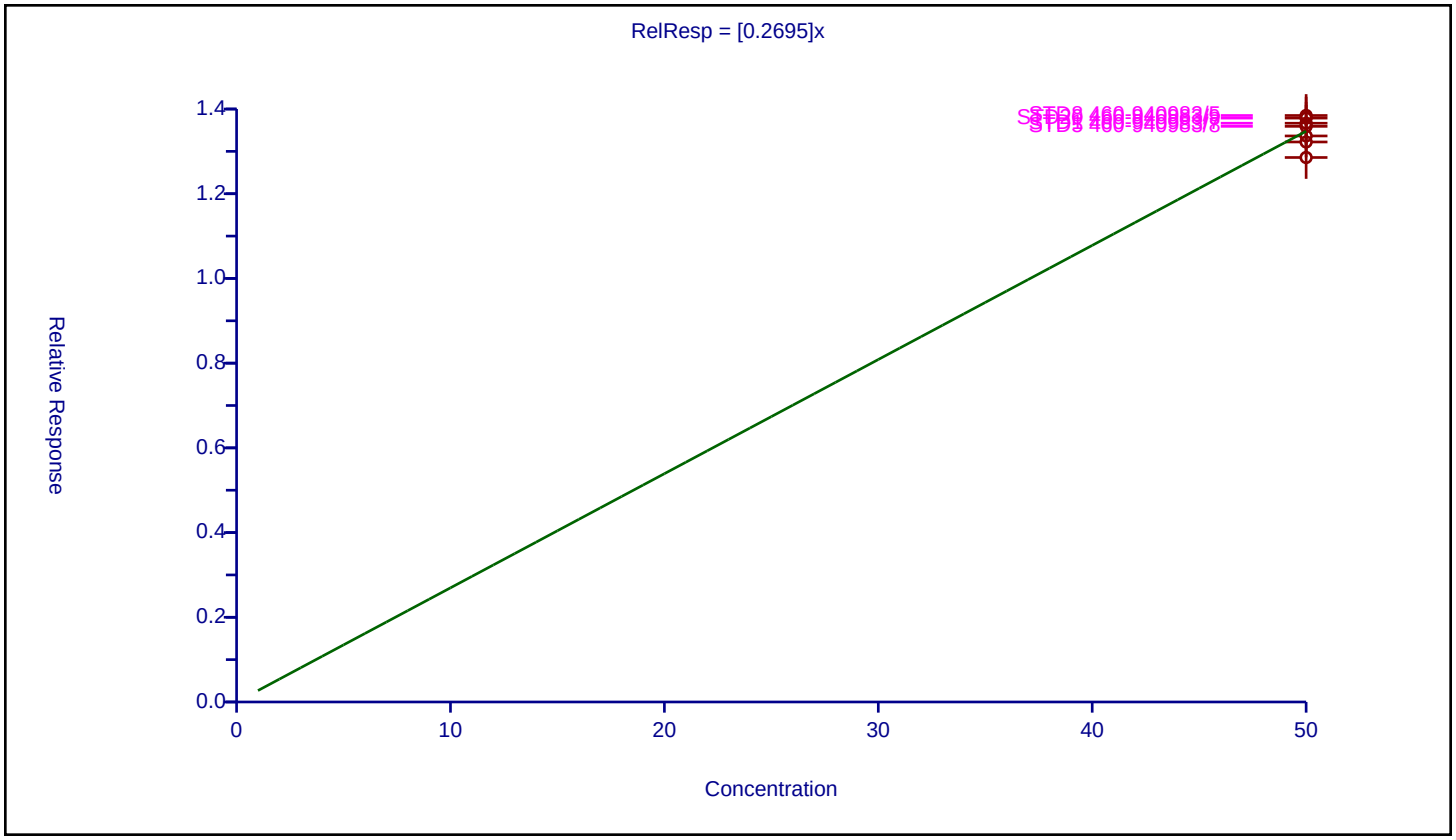
Curve Coefficients

Intercept:	0
Slope:	0.2695

Error Coefficients

Standard Error:	177000
Relative Standard Error:	2.6
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	13.847205	50.0	510919.0	0.276944	Y
2	STD1 460-940983/7	50.0	13.664118	50.0	562411.0	0.273282	Y
3	STD5 460-940983/8	50.0	13.590466	50.0	576577.0	0.271809	Y
4	STD20 460-940983/9	50.0	13.785426	50.0	598469.0	0.275709	Y
5	STD50 460-940983/10	50.0	13.222007	50.0	628301.0	0.26444	Y
6	STD200 460-940983/11	50.0	12.855219	50.0	653365.0	0.257104	Y
7	STD500 460-940983/12	50.0	13.363911	50.0	707480.0	0.267278	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

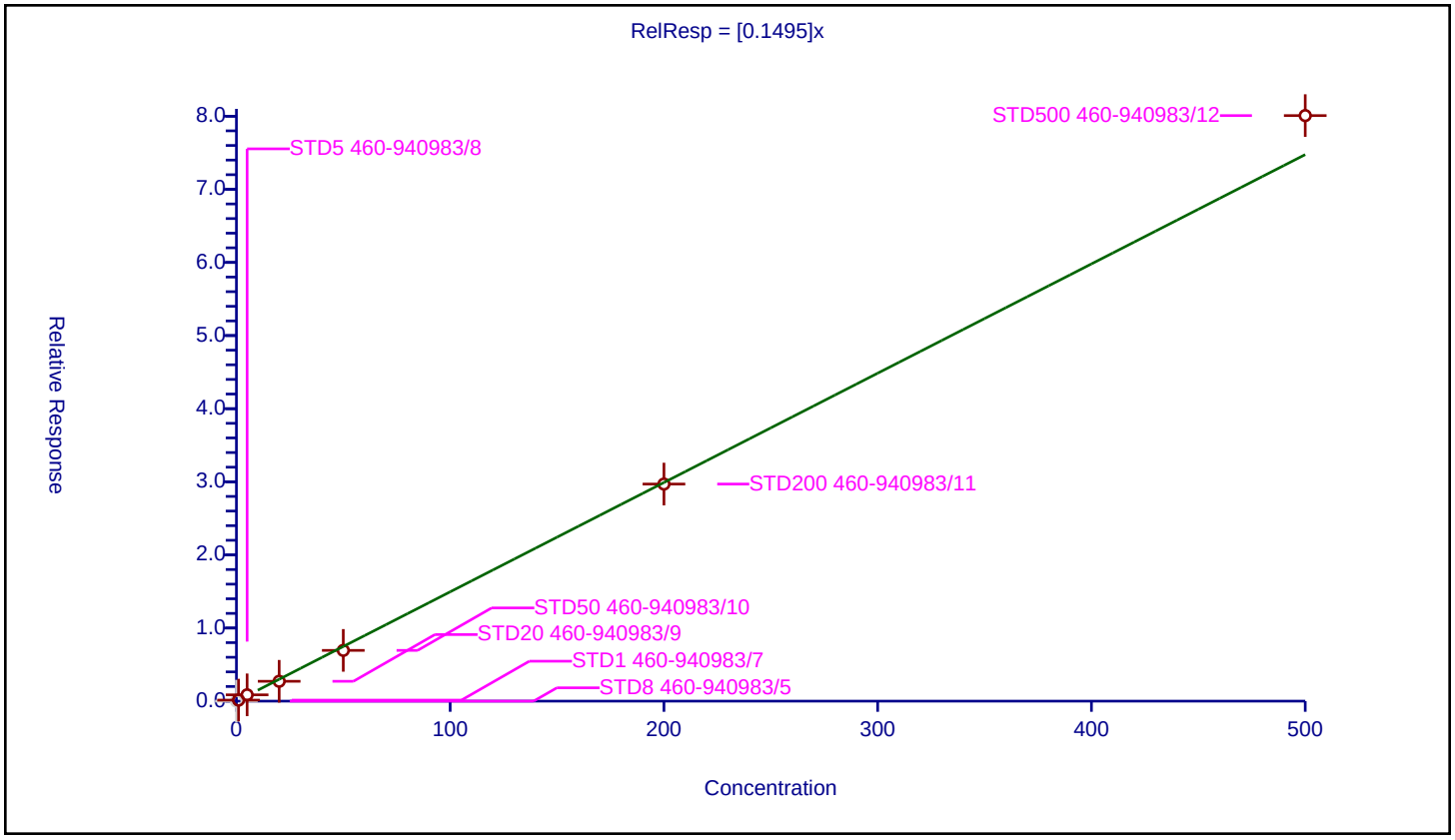
Curve Coefficients

Intercept:	0
Slope:	0.1495

Error Coefficients

Standard Error:	537000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.141178	50.0	562411.0	0.141178	Y
3	STD5 460-940983/8	5.0	0.862591	50.0	576577.0	0.172518	Y
4	STD20 460-940983/9	20.0	2.716599	50.0	598469.0	0.13583	Y
5	STD50 460-940983/10	50.0	6.941339	50.0	628301.0	0.138827	Y
6	STD200 460-940983/11	200.0	29.690449	50.0	653365.0	0.148452	Y
7	STD500 460-940983/12	500.0	80.083253	50.0	707480.0	0.160167	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

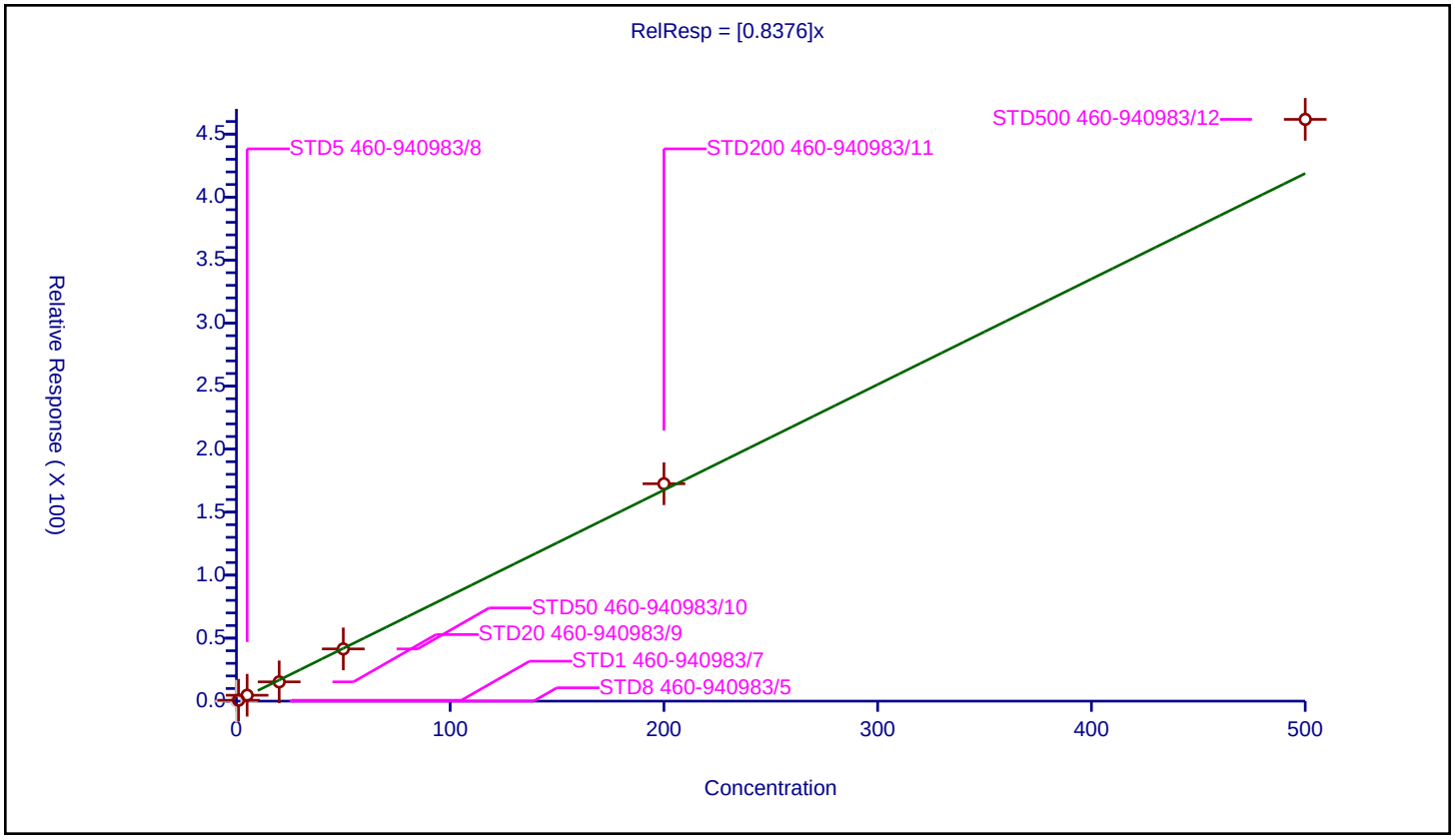
Curve Coefficients

Intercept:	0
Slope:	0.8376

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.710868	50.0	562411.0	0.710868	Y
3	STD5 460-940983/8	5.0	4.677086	50.0	576577.0	0.935417	Y
4	STD20 460-940983/9	20.0	15.283498	50.0	598469.0	0.764175	Y
5	STD50 460-940983/10	50.0	41.444706	50.0	628301.0	0.828894	Y
6	STD200 460-940983/11	200.0	172.523857	50.0	653365.0	0.862619	Y
7	STD500 460-940983/12	500.0	461.700755	50.0	707480.0	0.923402	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

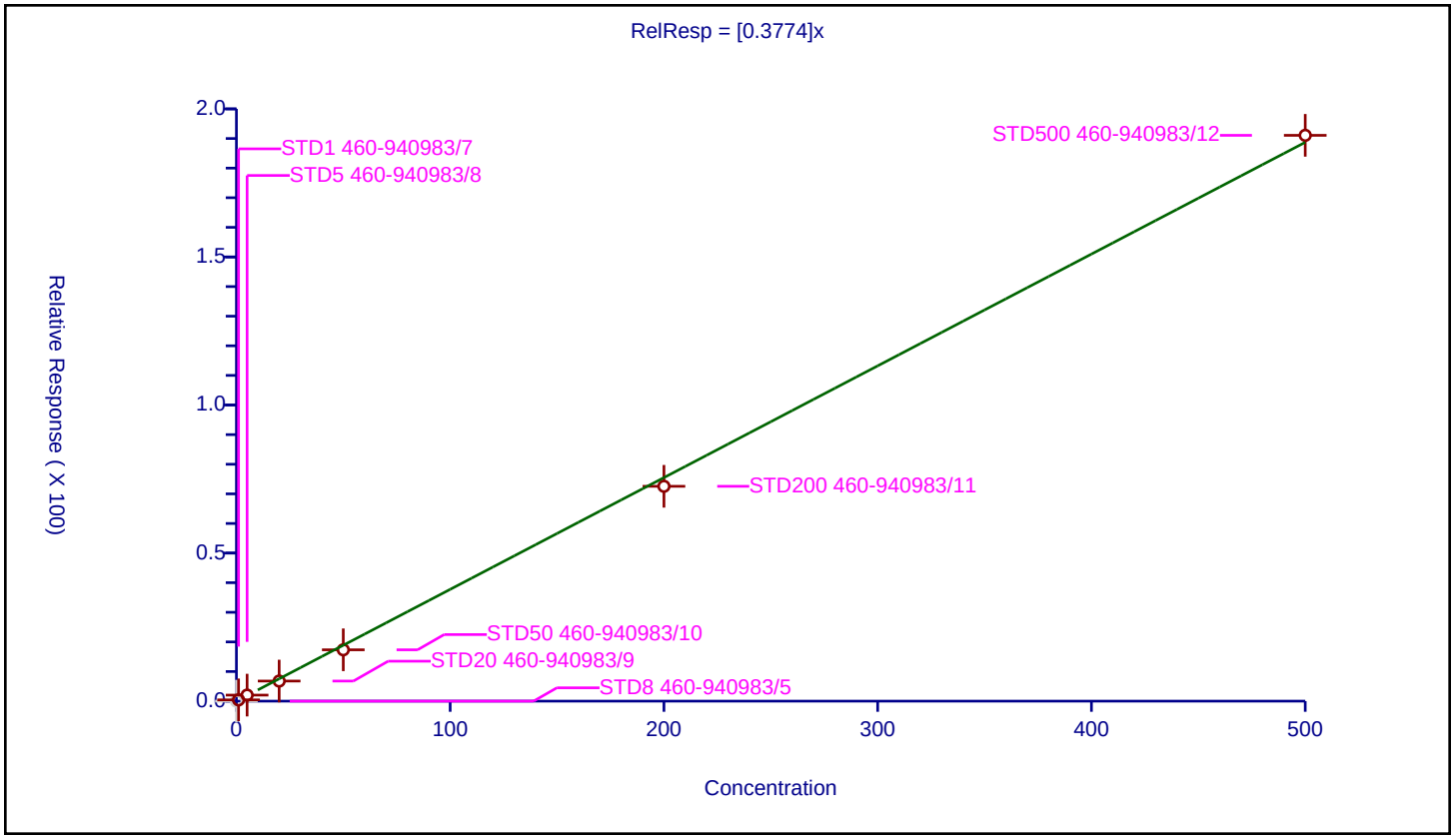
Curve Coefficients

Intercept:	0
Slope:	0.3774

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.425845	50.0	562411.0	0.425845	Y
3	STD5 460-940983/8	5.0	2.038756	50.0	576577.0	0.407751	Y
4	STD20 460-940983/9	20.0	6.78523	50.0	598469.0	0.339262	Y
5	STD50 460-940983/10	50.0	17.33946	50.0	628301.0	0.346789	Y
6	STD200 460-940983/11	200.0	72.552937	50.0	653365.0	0.362765	Y
7	STD500 460-940983/12	500.0	191.07049	50.0	707480.0	0.382141	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

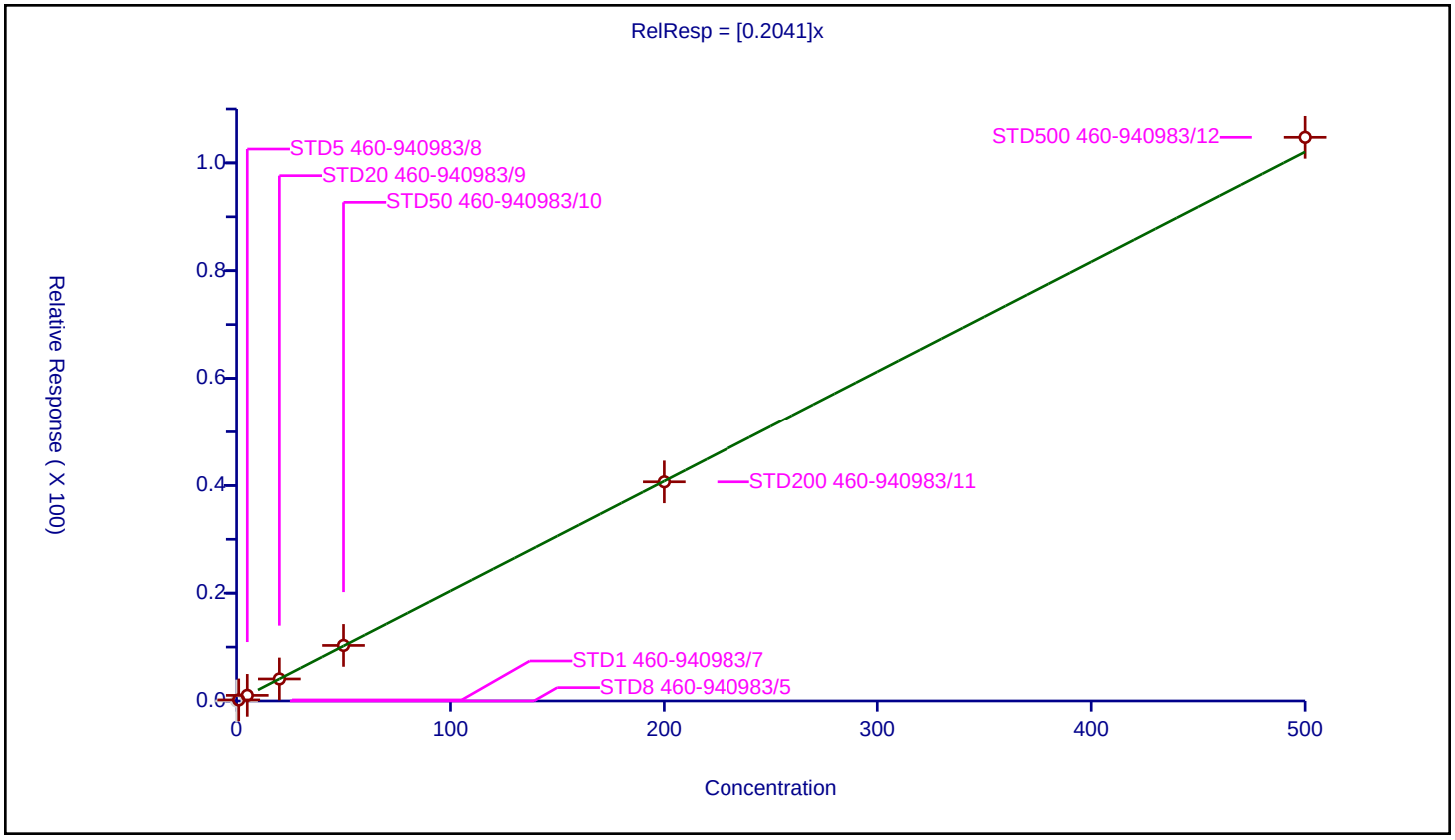
Curve Coefficients

Intercept:	0
Slope:	0.2041

Error Coefficients

Standard Error:	707000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.193097	50.0	562411.0	0.193097	Y
3	STD5 460-940983/8	5.0	1.041665	50.0	576577.0	0.208333	Y
4	STD20 460-940983/9	20.0	4.084339	50.0	598469.0	0.204217	Y
5	STD50 460-940983/10	50.0	10.308435	50.0	628301.0	0.206169	Y
6	STD200 460-940983/11	200.0	40.671906	50.0	653365.0	0.20336	Y
7	STD500 460-940983/12	500.0	104.7513	50.0	707480.0	0.209503	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

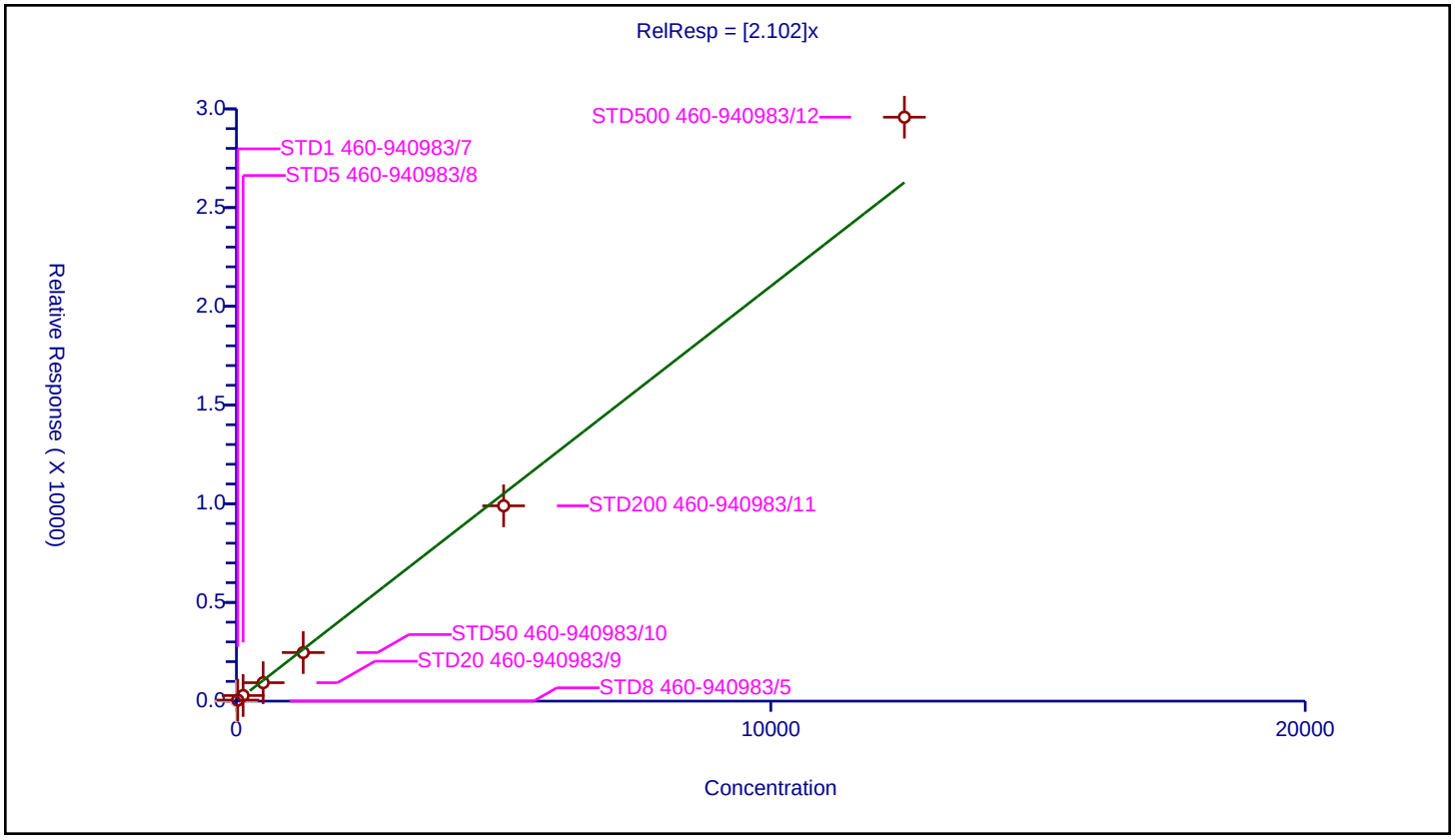
Curve Coefficients

Intercept:	0
Slope:	2.102

Error Coefficients

Standard Error:	607000
Relative Standard Error:	9.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	30418.0	NaN	N
2	STD1 460-940983/7	25.0	53.942503	1000.0	34889.0	2.1577	Y
3	STD5 460-940983/8	125.0	284.15238	1000.0	34939.0	2.273219	Y
4	STD20 460-940983/9	500.0	933.684505	1000.0	39297.0	1.867369	Y
5	STD50 460-940983/10	1250.0	2460.186398	1000.0	40451.0	1.968149	Y
6	STD200 460-940983/11	5000.0	9893.380253	1000.0	43763.0	1.978676	Y
7	STD500 460-940983/12	12500.0	29580.009015	1000.0	44370.0	2.366401	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

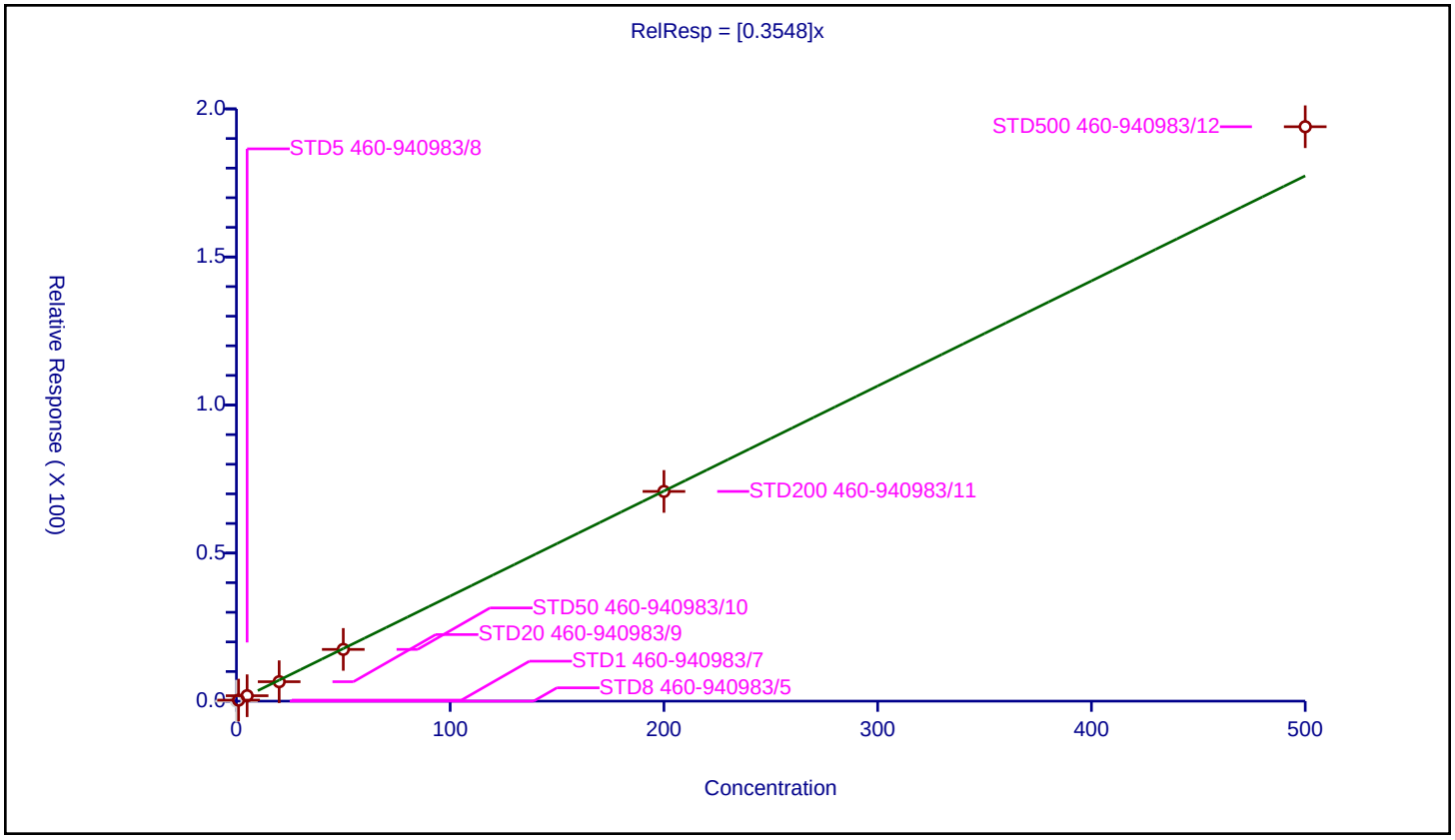
Curve Coefficients

Intercept:	0
Slope:	0.3548

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.342721	50.0	562411.0	0.342721	Y
3	STD5 460-940983/8	5.0	1.83306	50.0	576577.0	0.366612	Y
4	STD20 460-940983/9	20.0	6.557315	50.0	598469.0	0.327866	Y
5	STD50 460-940983/10	50.0	17.47005	50.0	628301.0	0.349401	Y
6	STD200 460-940983/11	200.0	70.81922	50.0	653365.0	0.354096	Y
7	STD500 460-940983/12	500.0	193.976862	50.0	707480.0	0.387954	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

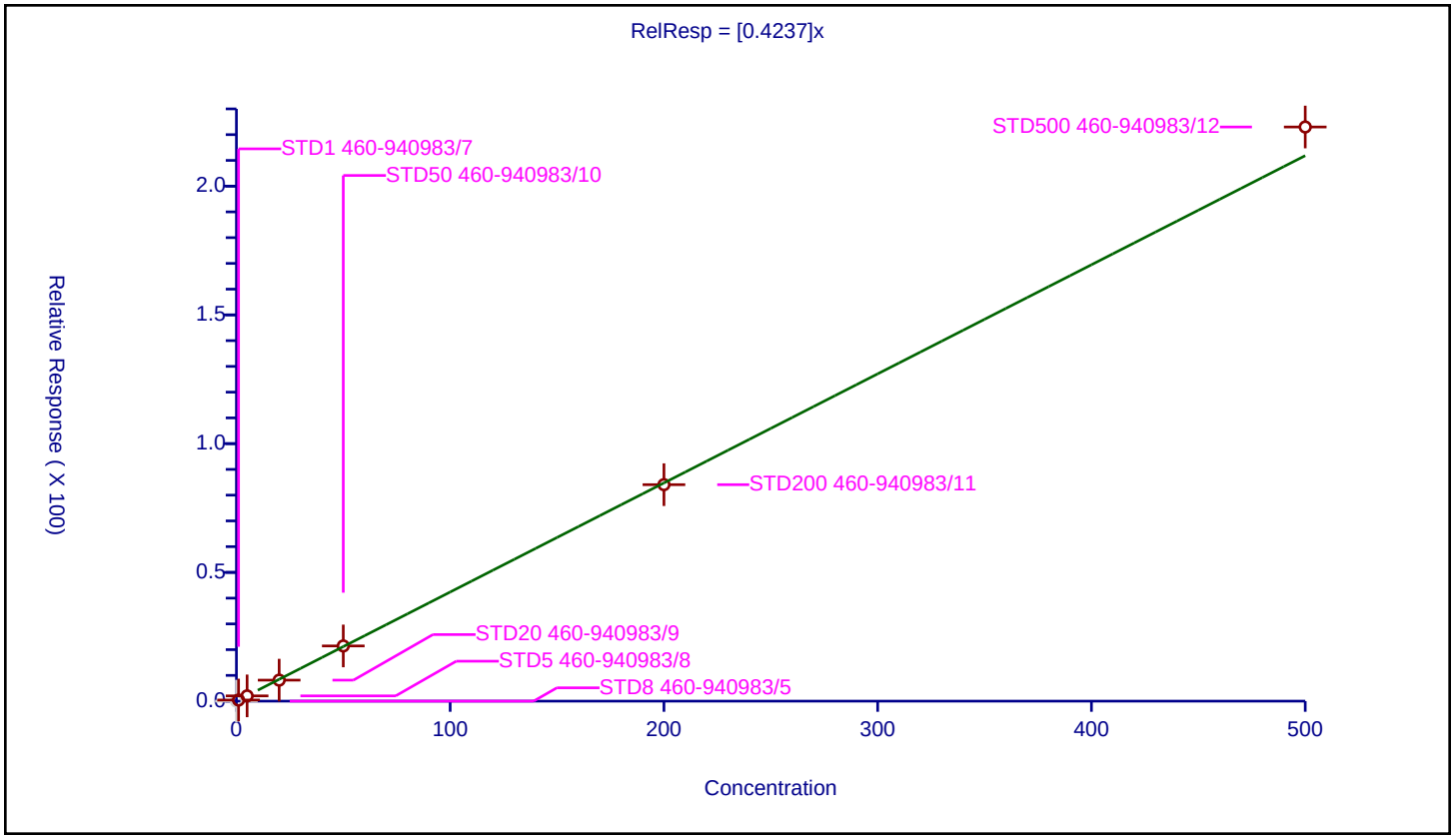
Curve Coefficients

Intercept:	0
Slope:	0.4237

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.431357	50.0	562411.0	0.431357	Y
3	STD5 460-940983/8	5.0	2.038583	50.0	576577.0	0.407717	Y
4	STD20 460-940983/9	20.0	8.160406	50.0	598469.0	0.40802	Y
5	STD50 460-940983/10	50.0	21.433915	50.0	628301.0	0.428678	Y
6	STD200 460-940983/11	200.0	84.069395	50.0	653365.0	0.420347	Y
7	STD500 460-940983/12	500.0	222.969271	50.0	707480.0	0.445939	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

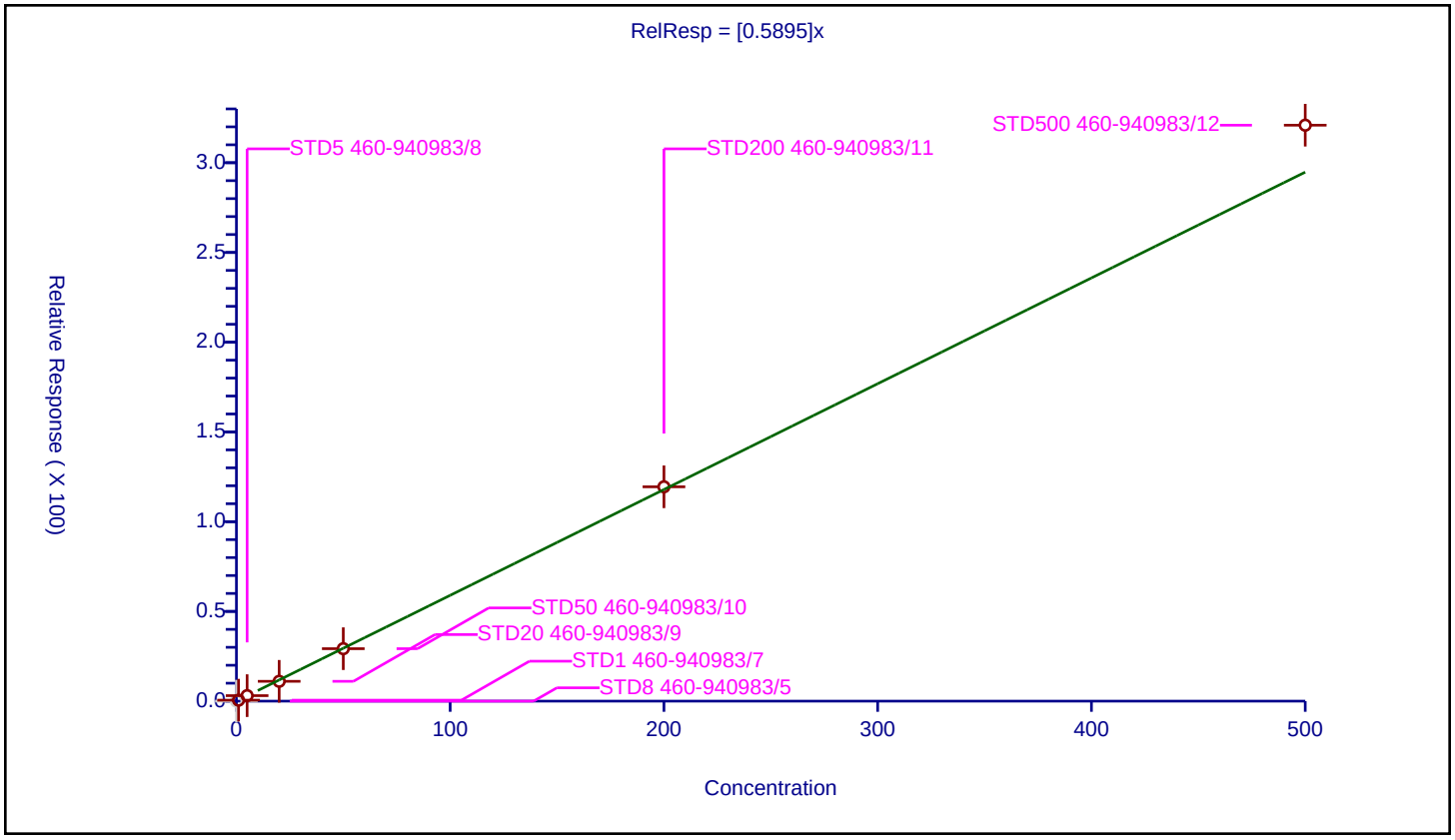
Curve Coefficients

Intercept:	0
Slope:	0.5895

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	6.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.54862	50.0	562411.0	0.54862	Y
3	STD5 460-940983/8	5.0	3.06247	50.0	576577.0	0.612494	Y
4	STD20 460-940983/9	20.0	11.047523	50.0	598469.0	0.552376	Y
5	STD50 460-940983/10	50.0	29.232406	50.0	628301.0	0.584648	Y
6	STD200 460-940983/11	200.0	119.426813	50.0	653365.0	0.597134	Y
7	STD500 460-940983/12	500.0	320.924478	50.0	707480.0	0.641849	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

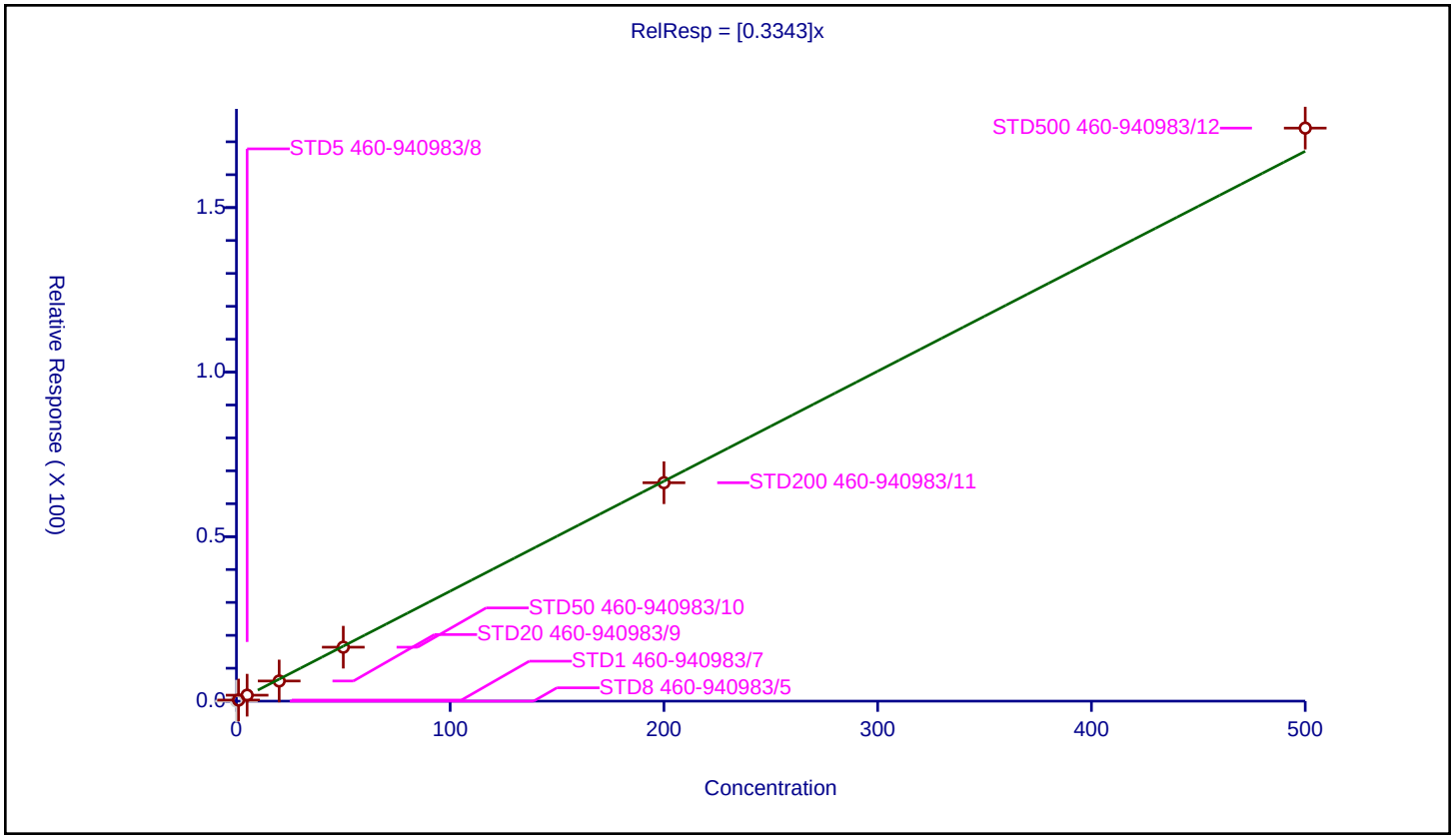
Curve Coefficients

Intercept:	0
Slope:	0.3343

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.328585	50.0	562411.0	0.328585	Y
3	STD5 460-940983/8	5.0	1.812941	50.0	576577.0	0.362588	Y
4	STD20 460-940983/9	20.0	6.12421	50.0	598469.0	0.306211	Y
5	STD50 460-940983/10	50.0	16.3966	50.0	628301.0	0.327932	Y
6	STD200 460-940983/11	200.0	66.382038	50.0	653365.0	0.33191	Y
7	STD500 460-940983/12	500.0	174.161531	50.0	707480.0	0.348323	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

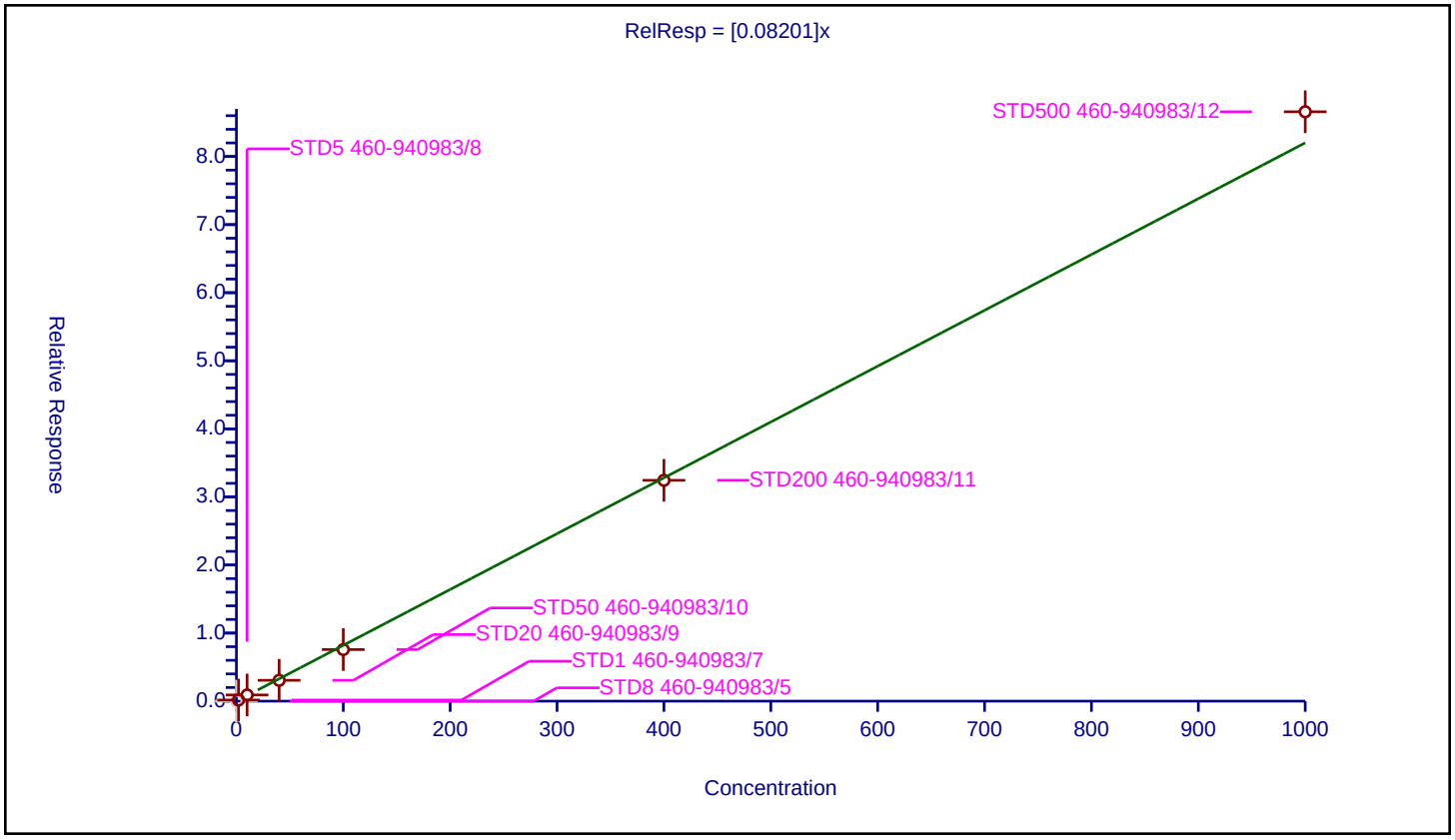
Curve Coefficients

Intercept:	0
Slope:	0.08201

Error Coefficients

Standard Error:	581000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.162604	50.0	562411.0	0.081302	Y
3	STD5 460-940983/8	10.0	0.908205	50.0	576577.0	0.09082	Y
4	STD20 460-940983/9	40.0	3.059641	50.0	598469.0	0.076491	Y
5	STD50 460-940983/10	100.0	7.576862	50.0	628301.0	0.075769	Y
6	STD200 460-940983/11	400.0	32.441361	50.0	653365.0	0.081103	Y
7	STD500 460-940983/12	1000.0	86.576511	50.0	707480.0	0.086577	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

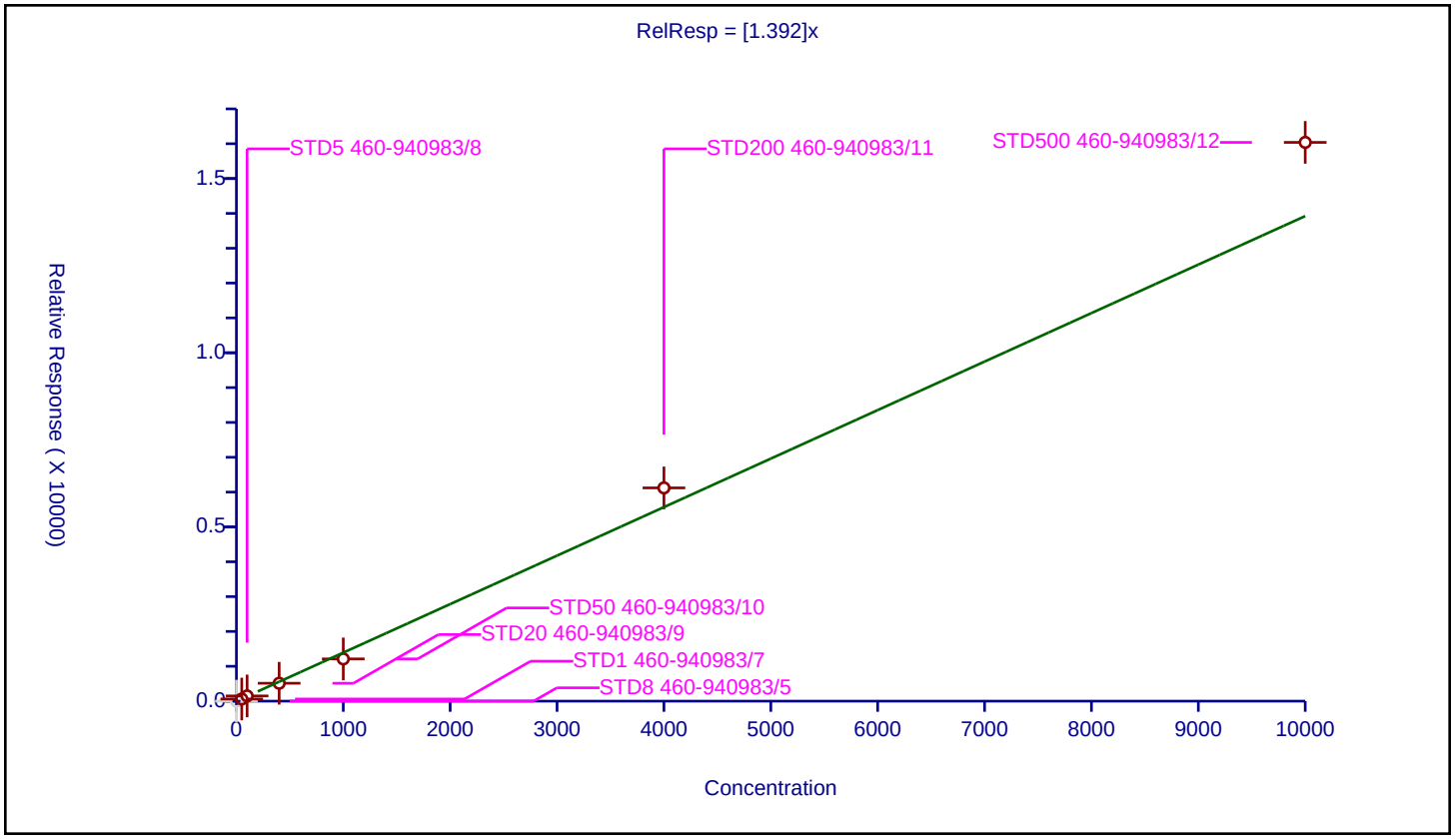
Curve Coefficients

Intercept:	0
Slope:	1.392

Error Coefficients

Standard Error:	249000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	1000.0	27211.0	NaN	N
2	STD1 460-940983/7	50.000062	61.384655	1000.0	30708.0	1.227692	Y
3	STD5 460-940983/8	100.0	149.596904	1000.0	31010.0	1.495969	Y
4	STD20 460-940983/9	400.0	513.703156	1000.0	31781.0	1.284258	Y
5	STD50 460-940983/10	1000.0	1211.883154	1000.0	35260.0	1.211883	Y
6	STD200 460-940983/11	4000.0	6121.103237	1000.0	30057.0	1.530276	Y
7	STD500 460-940983/12	10000.0	16037.973553	1000.0	33576.0	1.603797	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

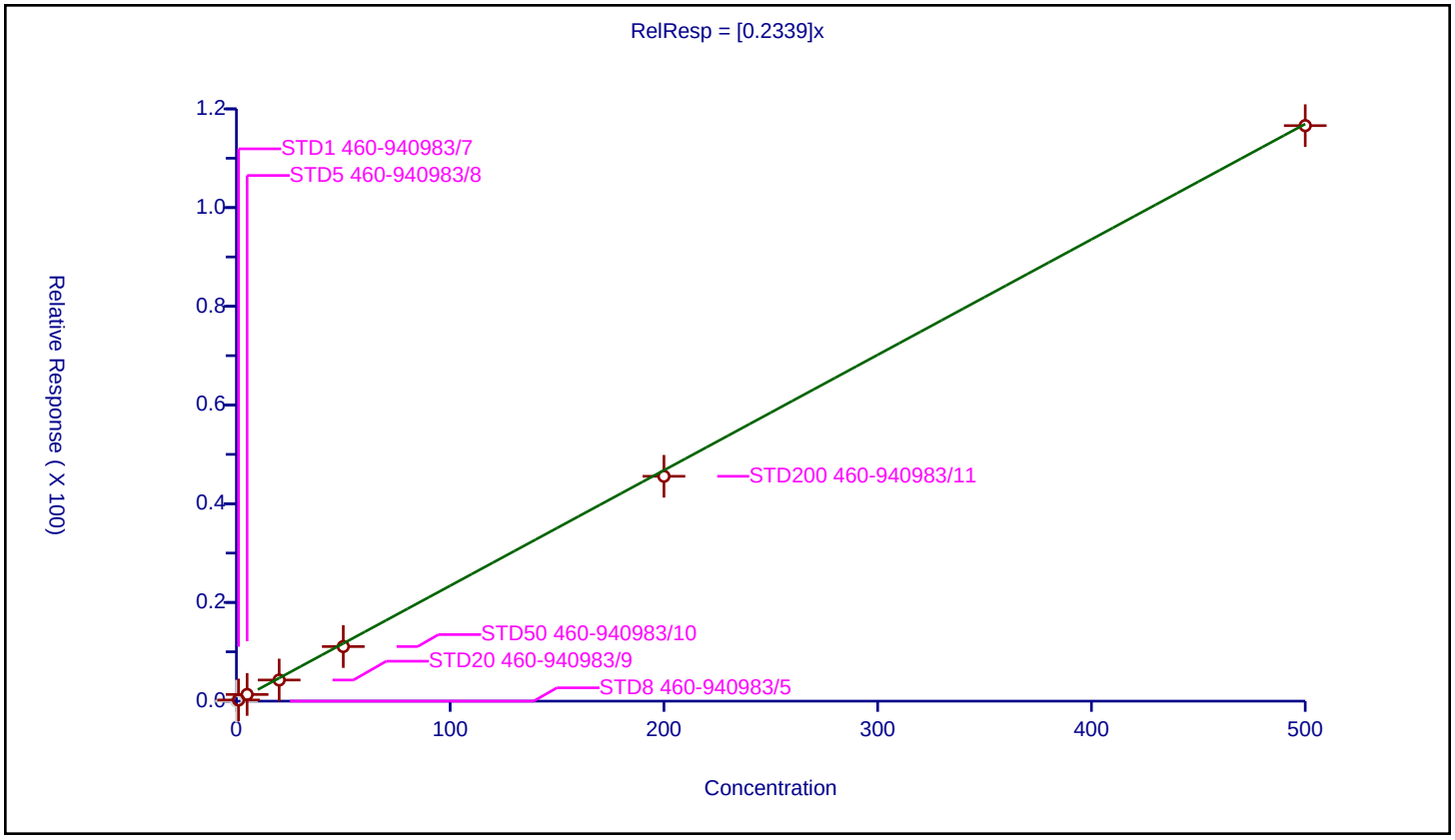
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Standard Error:	787000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.236482	50.0	562411.0	0.236482	Y
3	STD5 460-940983/8	5.0	1.351597	50.0	576577.0	0.270319	Y
4	STD20 460-940983/9	20.0	4.284349	50.0	598469.0	0.214217	Y
5	STD50 460-940983/10	50.0	11.062214	50.0	628301.0	0.221244	Y
6	STD200 460-940983/11	200.0	45.559067	50.0	653365.0	0.227795	Y
7	STD500 460-940983/12	500.0	116.603791	50.0	707480.0	0.233208	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

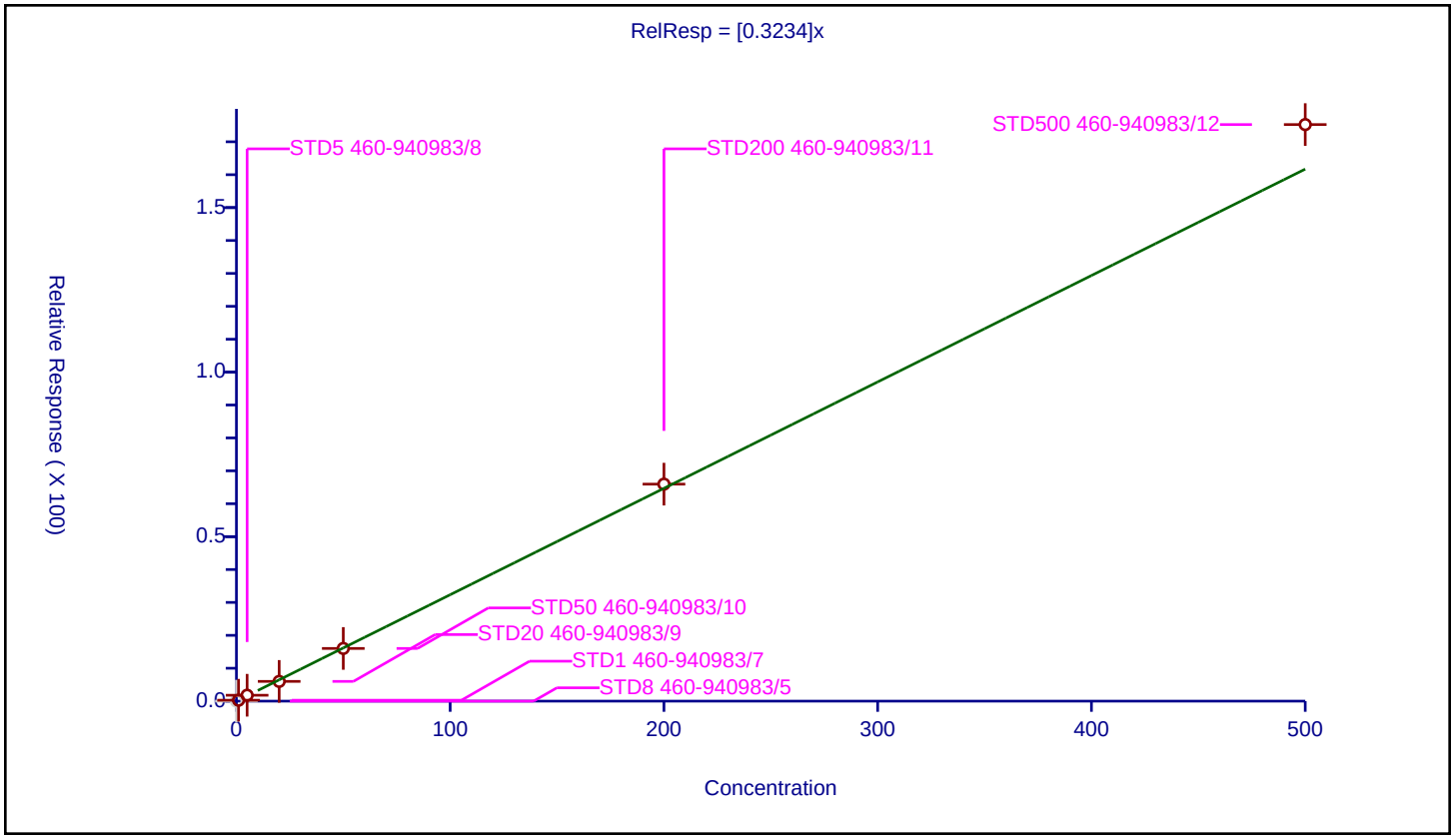
Curve Coefficients

Intercept:	0
Slope:	0.3234

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.281467	50.0	562411.0	0.281467	Y
3	STD5 460-940983/8	5.0	1.791955	50.0	576577.0	0.358391	Y
4	STD20 460-940983/9	20.0	5.998222	50.0	598469.0	0.299911	Y
5	STD50 460-940983/10	50.0	16.016607	50.0	628301.0	0.320332	Y
6	STD200 460-940983/11	200.0	65.953104	50.0	653365.0	0.329766	Y
7	STD500 460-940983/12	500.0	175.234212	50.0	707480.0	0.350468	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

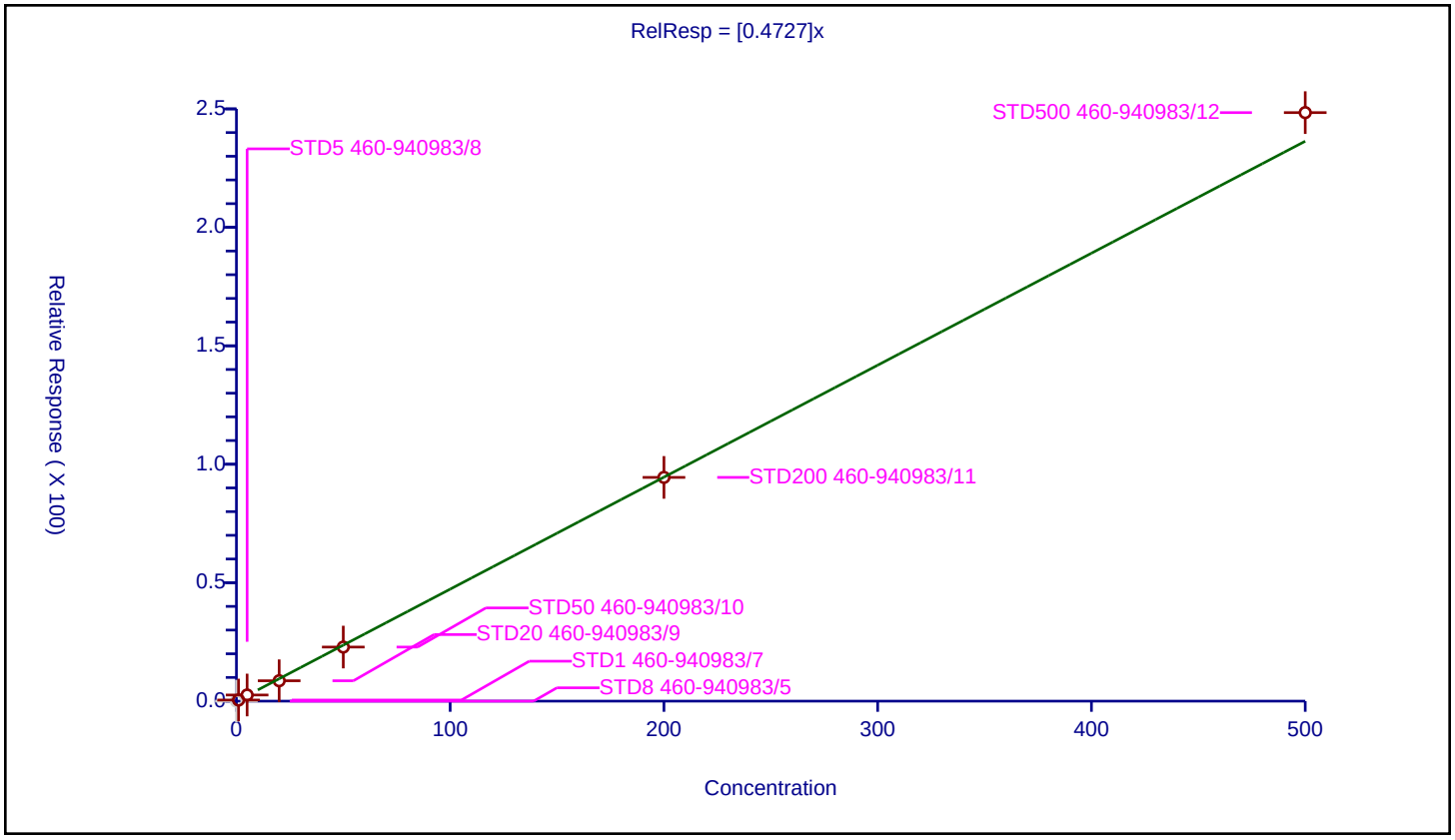
Curve Coefficients

Intercept:	0
Slope:	0.4727

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0	0.462118	50.0	562411.0	0.462118	Y
3	STD5 460-940983/8	5.0	2.590807	50.0	576577.0	0.518161	Y
4	STD20 460-940983/9	20.0	8.608884	50.0	598469.0	0.430444	Y
5	STD50 460-940983/10	50.0	22.824092	50.0	628301.0	0.456482	Y
6	STD200 460-940983/11	200.0	94.443229	50.0	653365.0	0.472216	Y
7	STD500 460-940983/12	500.0	248.422994	50.0	707480.0	0.496846	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

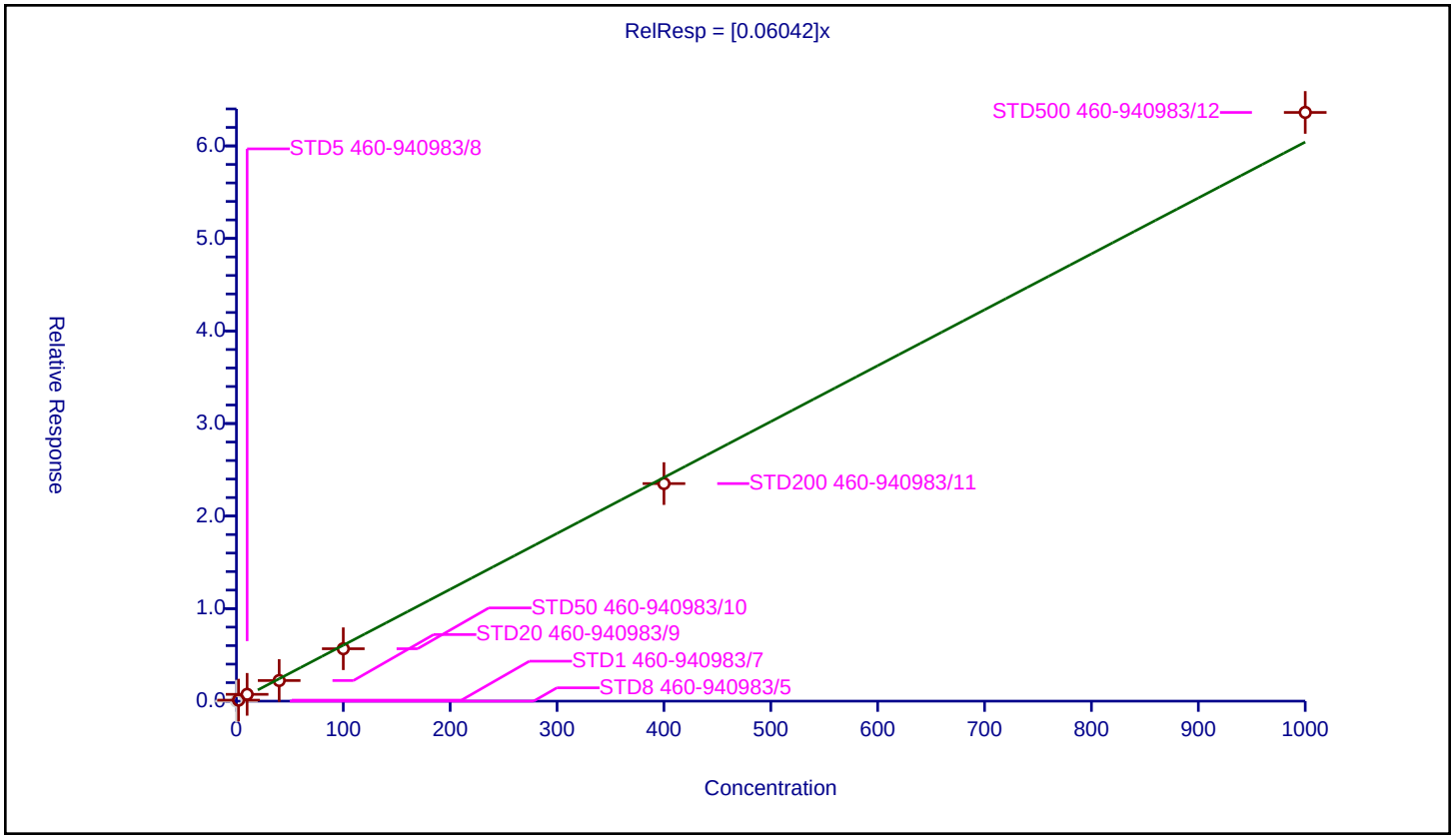
Curve Coefficients

Intercept:	0
Slope:	0.06042

Error Coefficients

Standard Error:	427000
Relative Standard Error:	11.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	2.0	0.108728	50.0	562411.0	0.054364	Y
3	STD5 460-940983/8	10.0	0.734854	50.0	576577.0	0.073485	Y
4	STD20 460-940983/9	40.0	2.225345	50.0	598469.0	0.055634	Y
5	STD50 460-940983/10	100.0	5.662891	50.0	628301.0	0.056629	Y
6	STD200 460-940983/11	400.0	23.510978	50.0	653365.0	0.058777	Y
7	STD500 460-940983/12	1000.0	63.618336	50.0	707480.0	0.063618	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

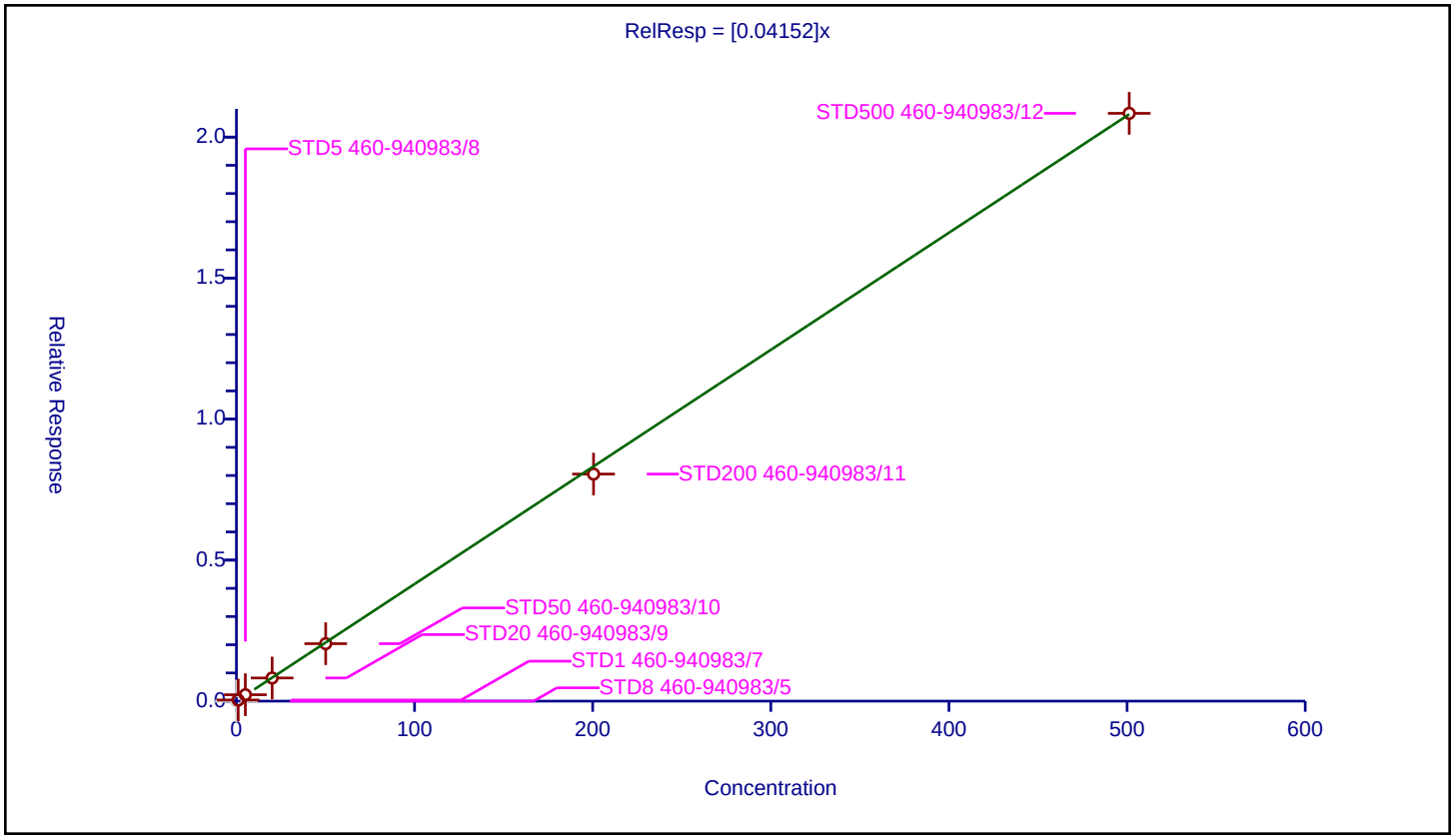
Curve Coefficients

Intercept:	0
Slope:	0.04152

Error Coefficients

Standard Error:	141000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	510919.0	NaN	N
2	STD1 460-940983/7	1.0024	0.04054	50.0	562411.0	0.040443	Y
3	STD5 460-940983/8	5.012	0.227116	50.0	576577.0	0.045314	Y
4	STD20 460-940983/9	20.048	0.821513	50.0	598469.0	0.040977	Y
5	STD50 460-940983/10	50.12	2.037161	50.0	628301.0	0.040646	Y
6	STD200 460-940983/11	200.48	8.051549	50.0	653365.0	0.040161	Y
7	STD500 460-940983/12	501.2	20.842144	50.0	707480.0	0.041584	Y



Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

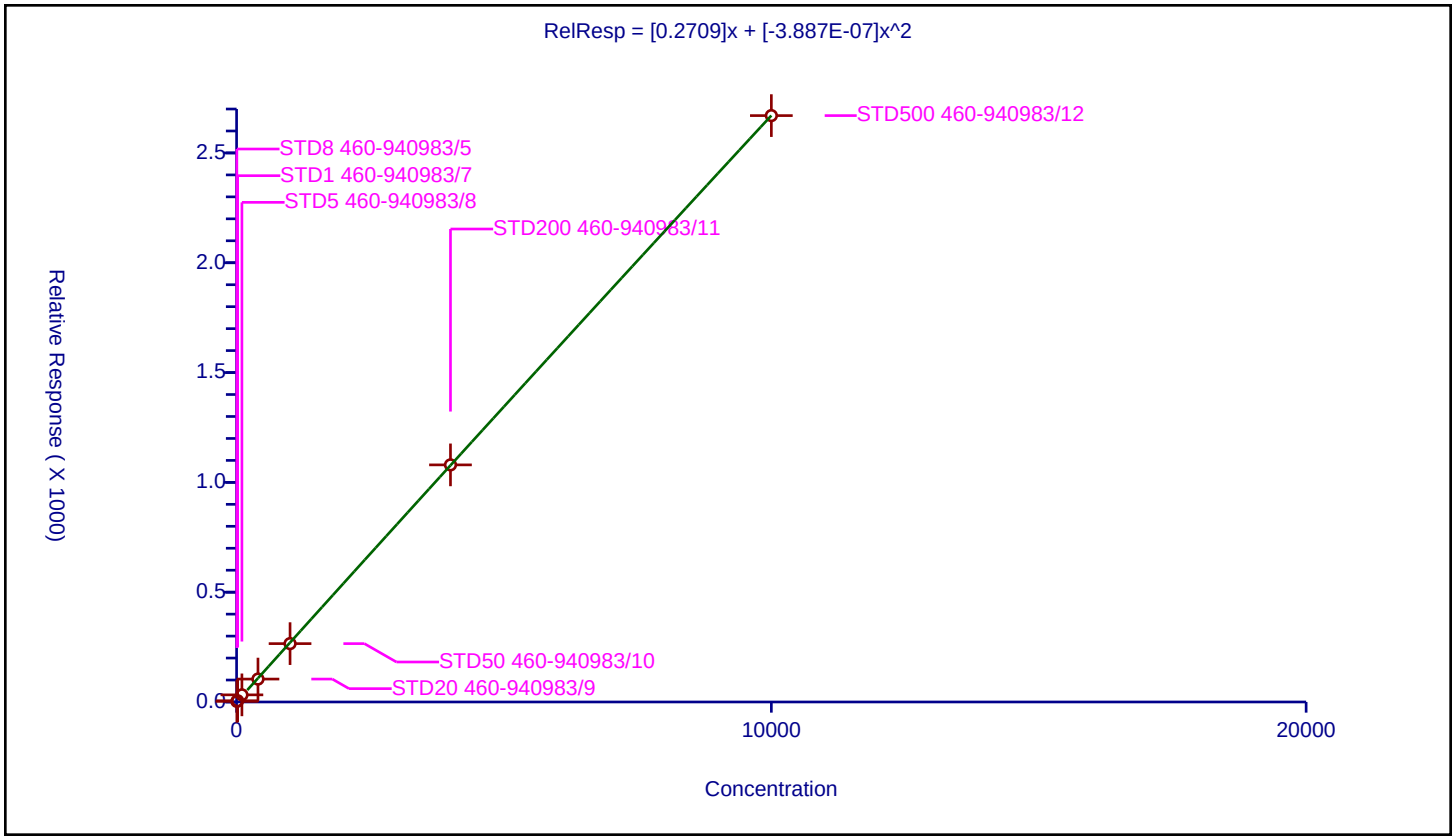
Curve Coefficients

Intercept:	0
Slope:	0.2709
Second Order:	-3.887E-07

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	52.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	5.000009	2.909384	250.0	230633.0	0.581876	Y
2	STD1 460-940983/7	20.000035	5.591544	250.0	244521.0	0.279577	Y
3	STD5 460-940983/8	100.000173	32.437108	250.0	259849.0	0.324371	Y
4	STD20 460-940983/9	400.000692	104.328617	250.0	278634.0	0.260821	Y
5	STD50 460-940983/10	1000.00173	265.7464	250.0	294353.0	0.265746	Y
6	STD200 460-940983/11	4000.00692	1079.643724	250.0	318236.0	0.26991	Y
7	STD500 460-940983/12	10000.0173	2669.979204	250.0	368826.0	0.266997	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

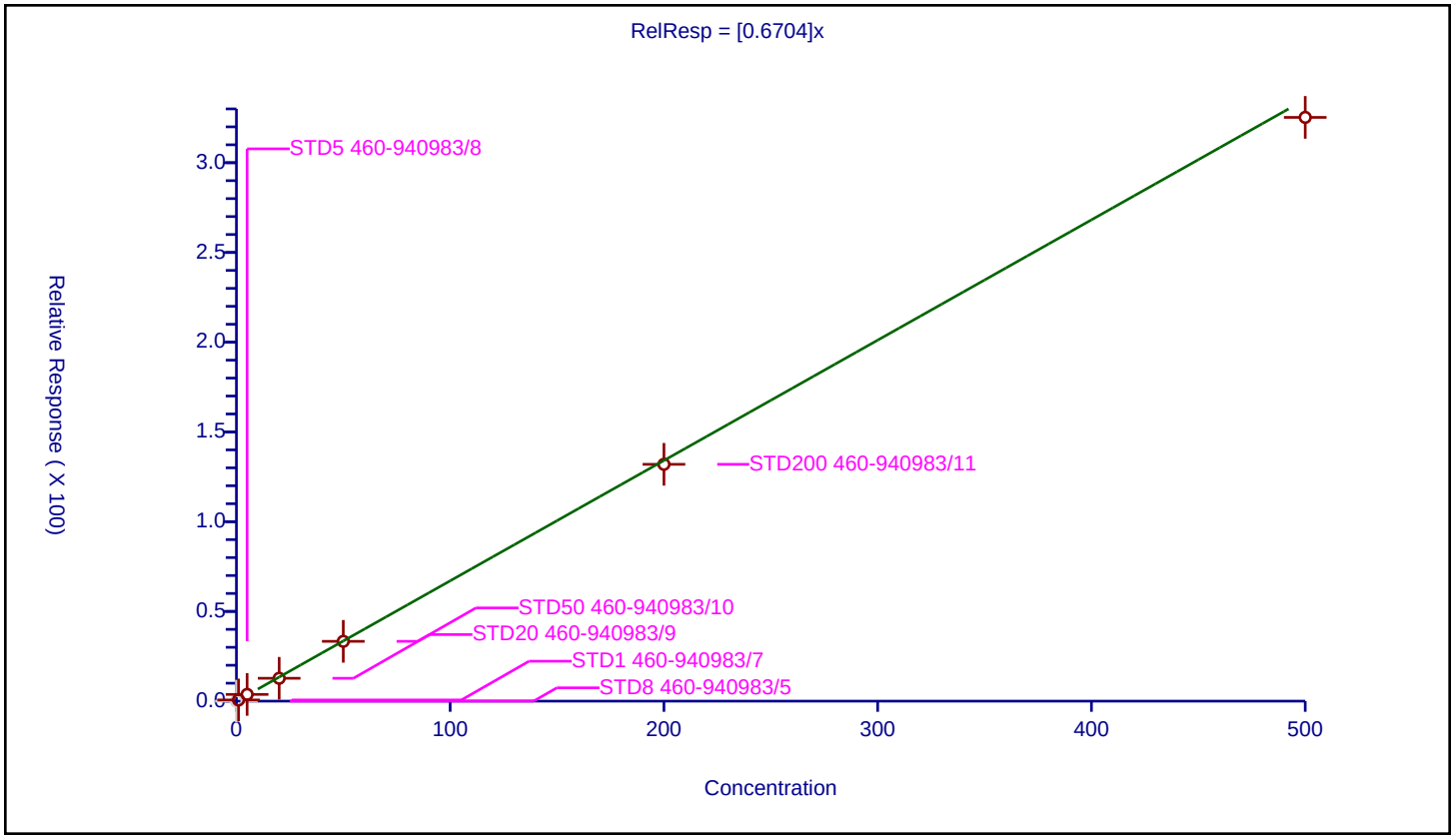
Curve Coefficients

Intercept:	0
Slope:	0.6704

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	6.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.659025	50.0	464626.0	0.659025	Y
3	STD5 460-940983/8	5.0	3.751078	50.0	475610.0	0.750216	Y
4	STD20 460-940983/9	20.0	12.734088	50.0	488492.0	0.636704	Y
5	STD50 460-940983/10	50.0	33.320202	50.0	521667.0	0.666404	Y
6	STD200 460-940983/11	200.0	131.958185	50.0	569078.0	0.659791	Y
7	STD500 460-940983/12	500.0	325.25987	50.0	648689.0	0.65052	Y



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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

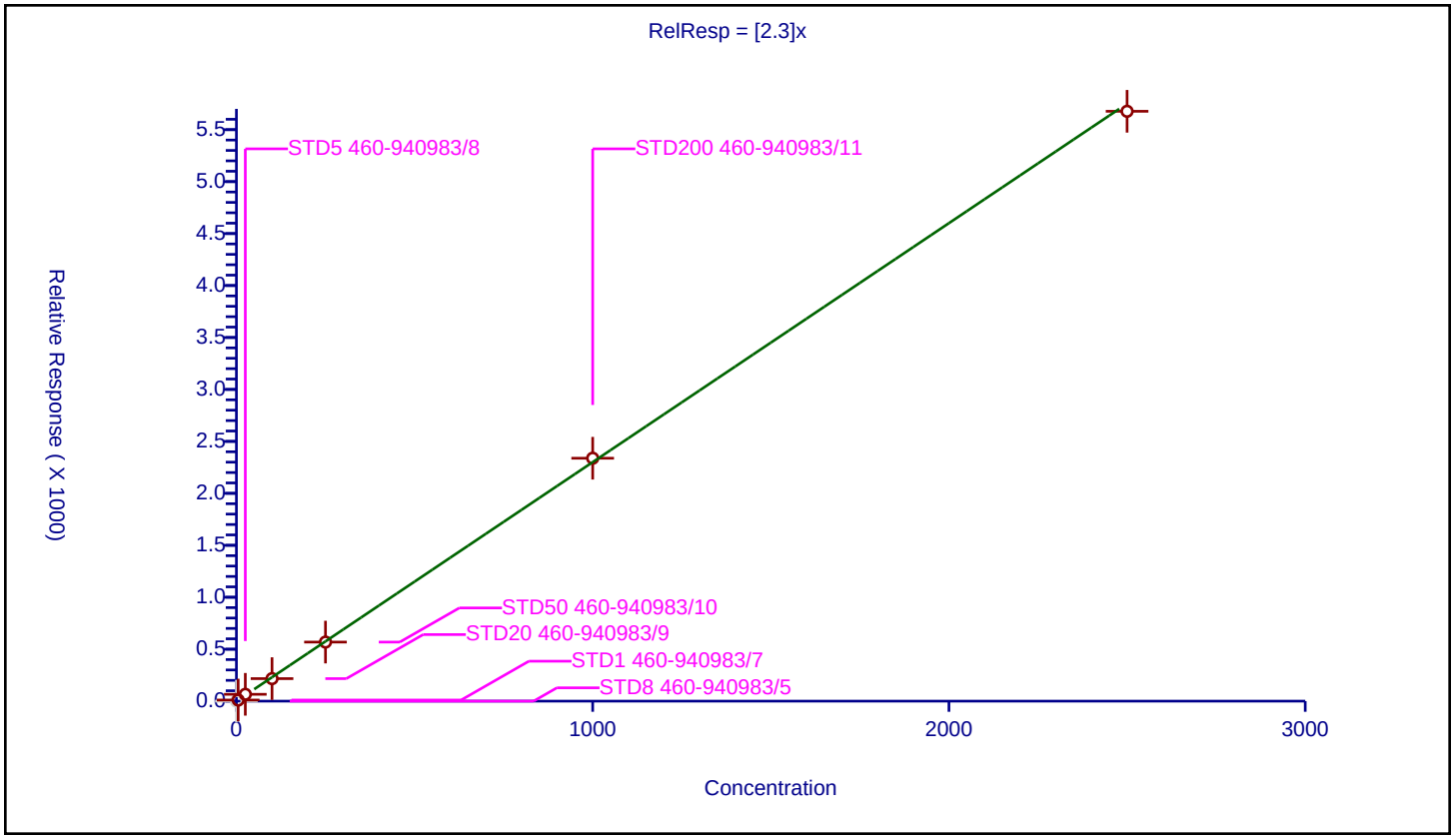
Curve Coefficients

Intercept:	0
Slope:	2.3

Error Coefficients

Standard Error:	3990000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	10.616675	250.0	244521.0	2.123335	Y
3	STD5 460-940983/8	25.0	65.697771	250.0	259849.0	2.627911	Y
4	STD20 460-940983/9	100.0	216.732344	250.0	278634.0	2.167323	Y
5	STD50 460-940983/10	250.0	568.449277	250.0	294353.0	2.273797	Y
6	STD200 460-940983/11	1000.0	2337.976376	250.0	318236.0	2.337976	Y
7	STD500 460-940983/12	2500.0	5676.933025	250.0	368826.0	2.270773	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

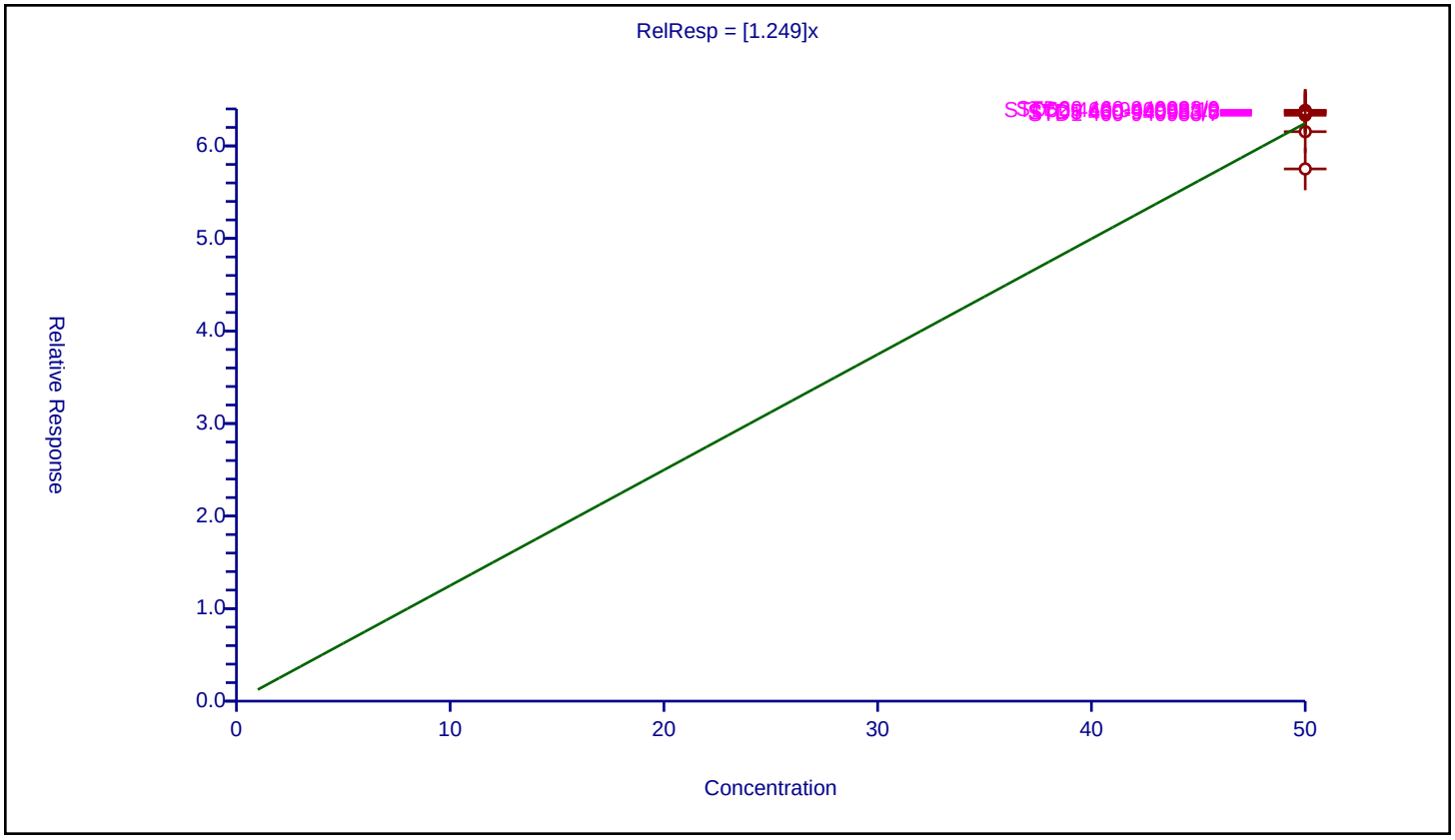
Curve Coefficients

Intercept:	0
Slope:	1.249

Error Coefficients

Standard Error:	692000
Relative Standard Error:	3.7
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	63.565864	50.0	420246.0	1.271317	Y
2	STD1 460-940983/7	50.0	63.313719	50.0	464626.0	1.266274	Y
3	STD5 460-940983/8	50.0	63.584765	50.0	475610.0	1.271695	Y
4	STD20 460-940983/9	50.0	63.838712	50.0	488492.0	1.276774	Y
5	STD50 460-940983/10	50.0	63.801141	50.0	521667.0	1.276023	Y
6	STD200 460-940983/11	50.0	61.539806	50.0	569078.0	1.230796	Y
7	STD500 460-940983/12	50.0	57.512614	50.0	648689.0	1.150252	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

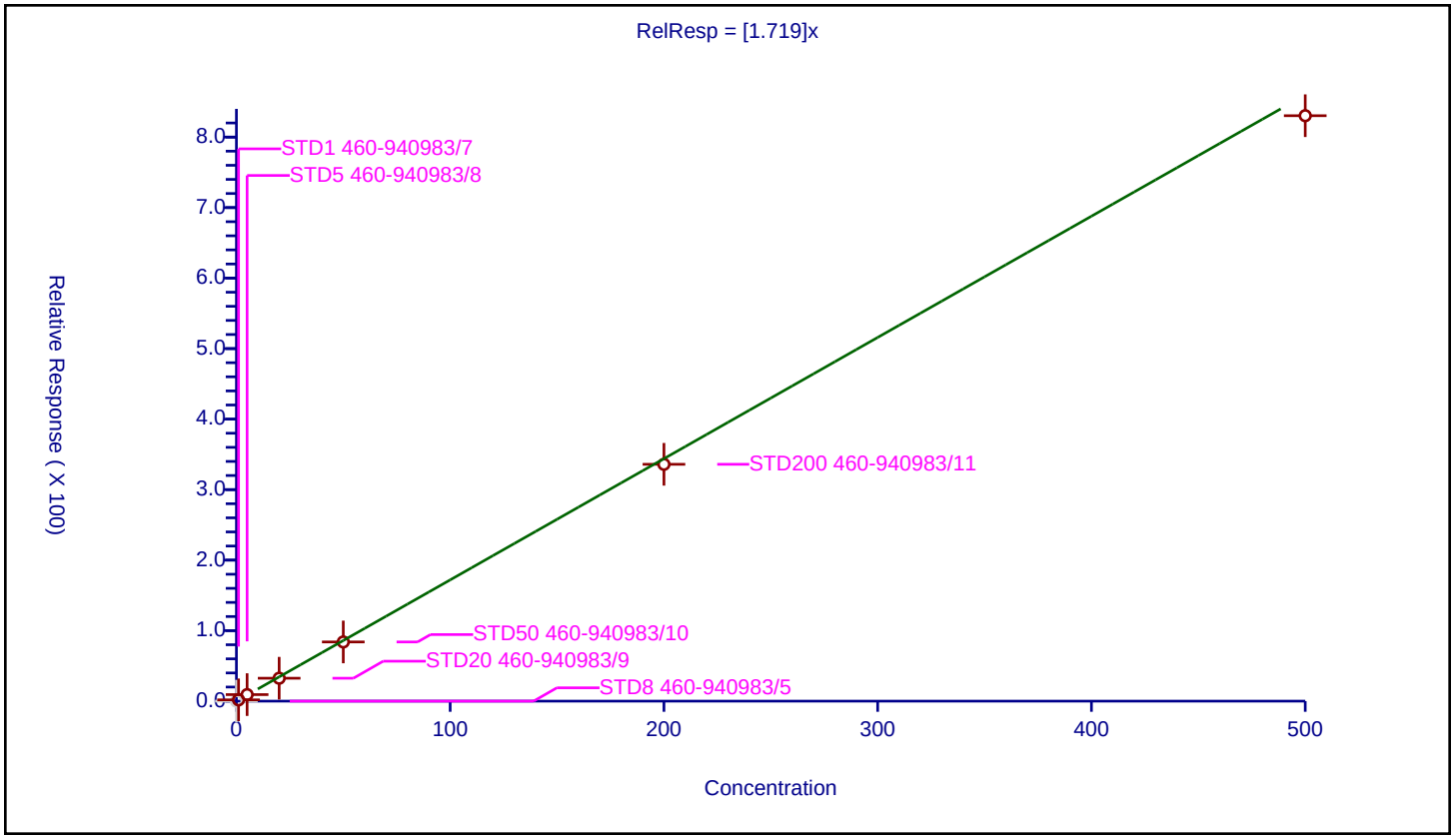
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Standard Error:	5130000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.820066	50.0	464626.0	1.820066	Y
3	STD5 460-940983/8	5.0	9.263157	50.0	475610.0	1.852631	Y
4	STD20 460-940983/9	20.0	32.500532	50.0	488492.0	1.625027	Y
5	STD50 460-940983/10	50.0	83.947231	50.0	521667.0	1.678945	Y
6	STD200 460-940983/11	200.0	335.901405	50.0	569078.0	1.679507	Y
7	STD500 460-940983/12	500.0	830.334259	50.0	648689.0	1.660669	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

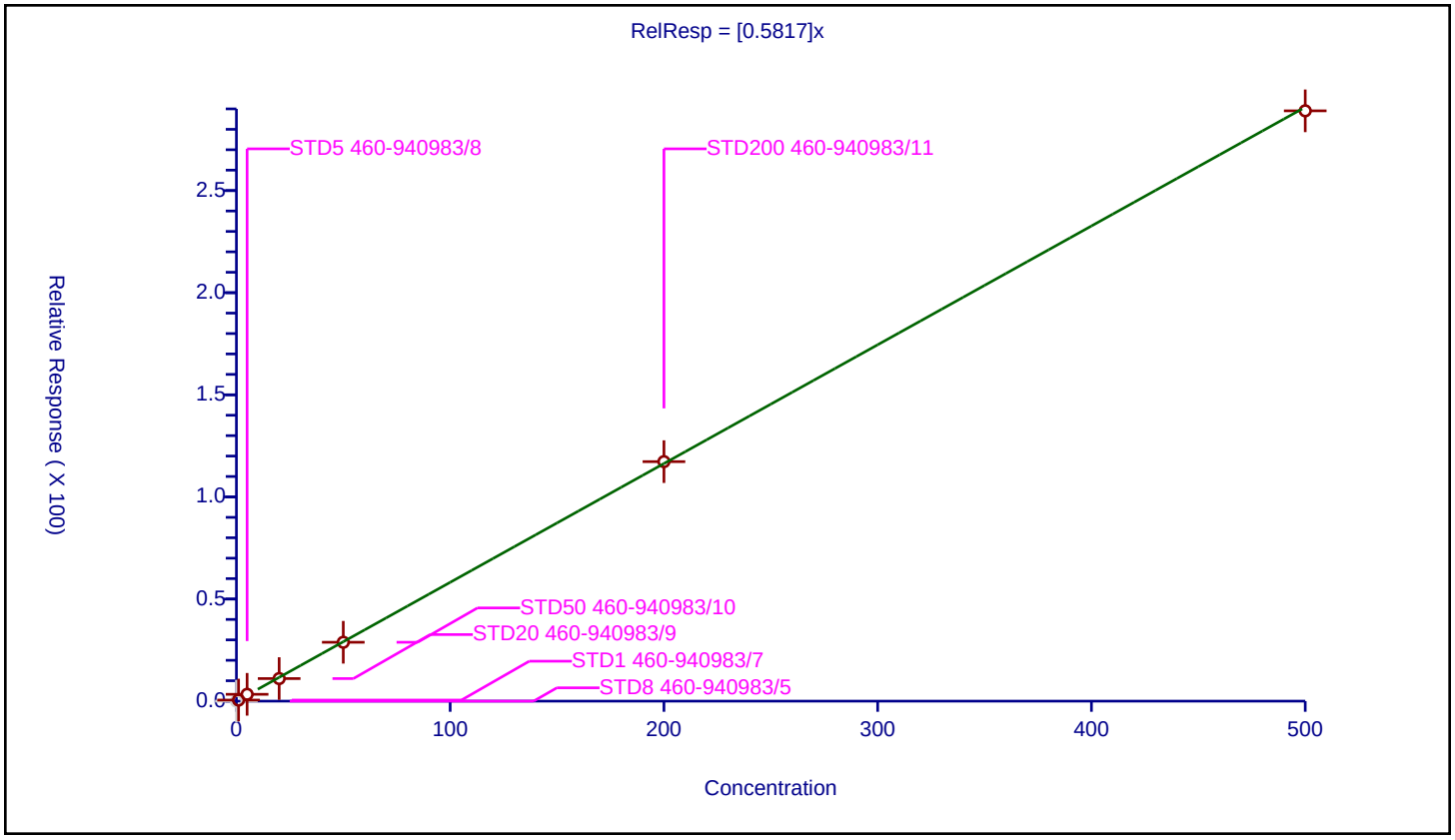
Curve Coefficients

Intercept:	0
Slope:	0.5817

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.526014	50.0	464626.0	0.526014	Y
3	STD5 460-940983/8	5.0	3.349068	50.0	475610.0	0.669814	Y
4	STD20 460-940983/9	20.0	11.059035	50.0	488492.0	0.552952	Y
5	STD50 460-940983/10	50.0	28.83487	50.0	521667.0	0.576697	Y
6	STD200 460-940983/11	200.0	117.278124	50.0	569078.0	0.586391	Y
7	STD500 460-940983/12	500.0	289.053229	50.0	648689.0	0.578106	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

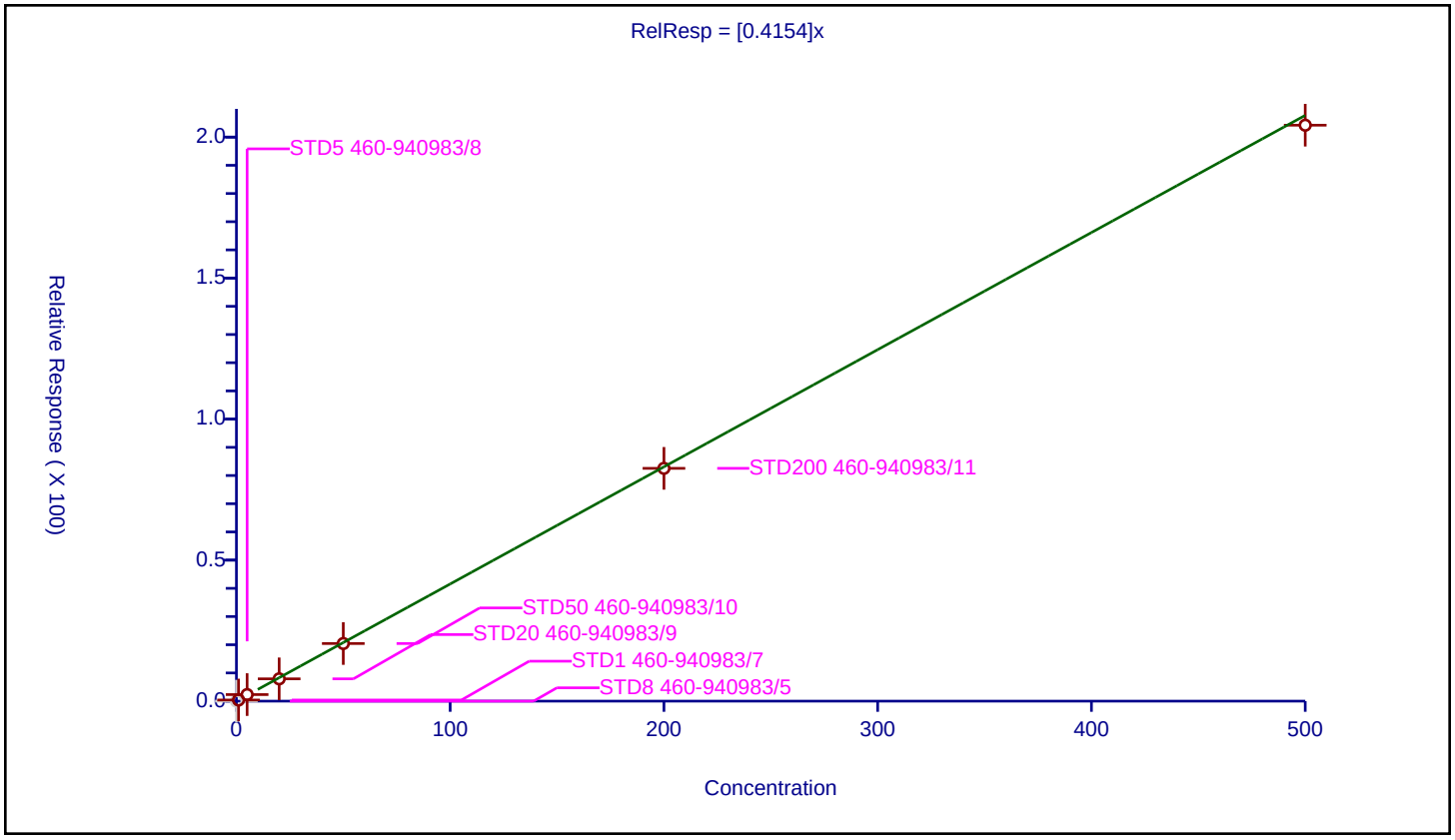
Curve Coefficients

Intercept:	0
Slope:	0.4154

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.401829	50.0	464626.0	0.401829	Y
3	STD5 460-940983/8	5.0	2.327853	50.0	475610.0	0.465571	Y
4	STD20 460-940983/9	20.0	7.905759	50.0	488492.0	0.395288	Y
5	STD50 460-940983/10	50.0	20.431041	50.0	521667.0	0.408621	Y
6	STD200 460-940983/11	200.0	82.547999	50.0	569078.0	0.41274	Y
7	STD500 460-940983/12	500.0	204.218971	50.0	648689.0	0.408438	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

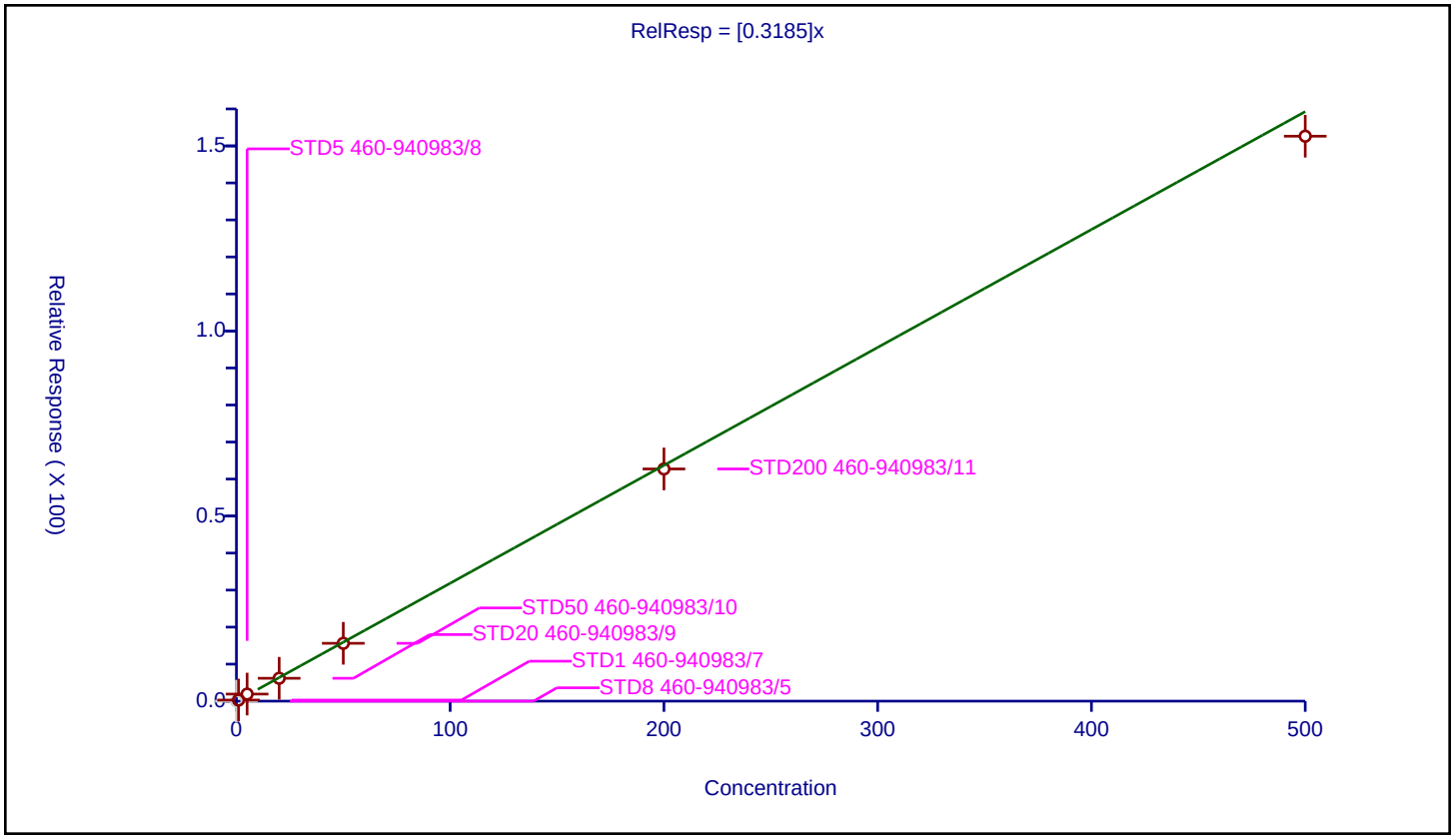
Curve Coefficients

Intercept:	0
Slope:	0.3185

Error Coefficients

Standard Error:	945000
Relative Standard Error:	10.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.288942	50.0	464626.0	0.288942	Y
3	STD5 460-940983/8	5.0	1.910809	50.0	475610.0	0.382162	Y
4	STD20 460-940983/9	20.0	6.174206	50.0	488492.0	0.30871	Y
5	STD50 460-940983/10	50.0	15.623281	50.0	521667.0	0.312466	Y
6	STD200 460-940983/11	200.0	62.724969	50.0	569078.0	0.313625	Y
7	STD500 460-940983/12	500.0	152.627684	50.0	648689.0	0.305255	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

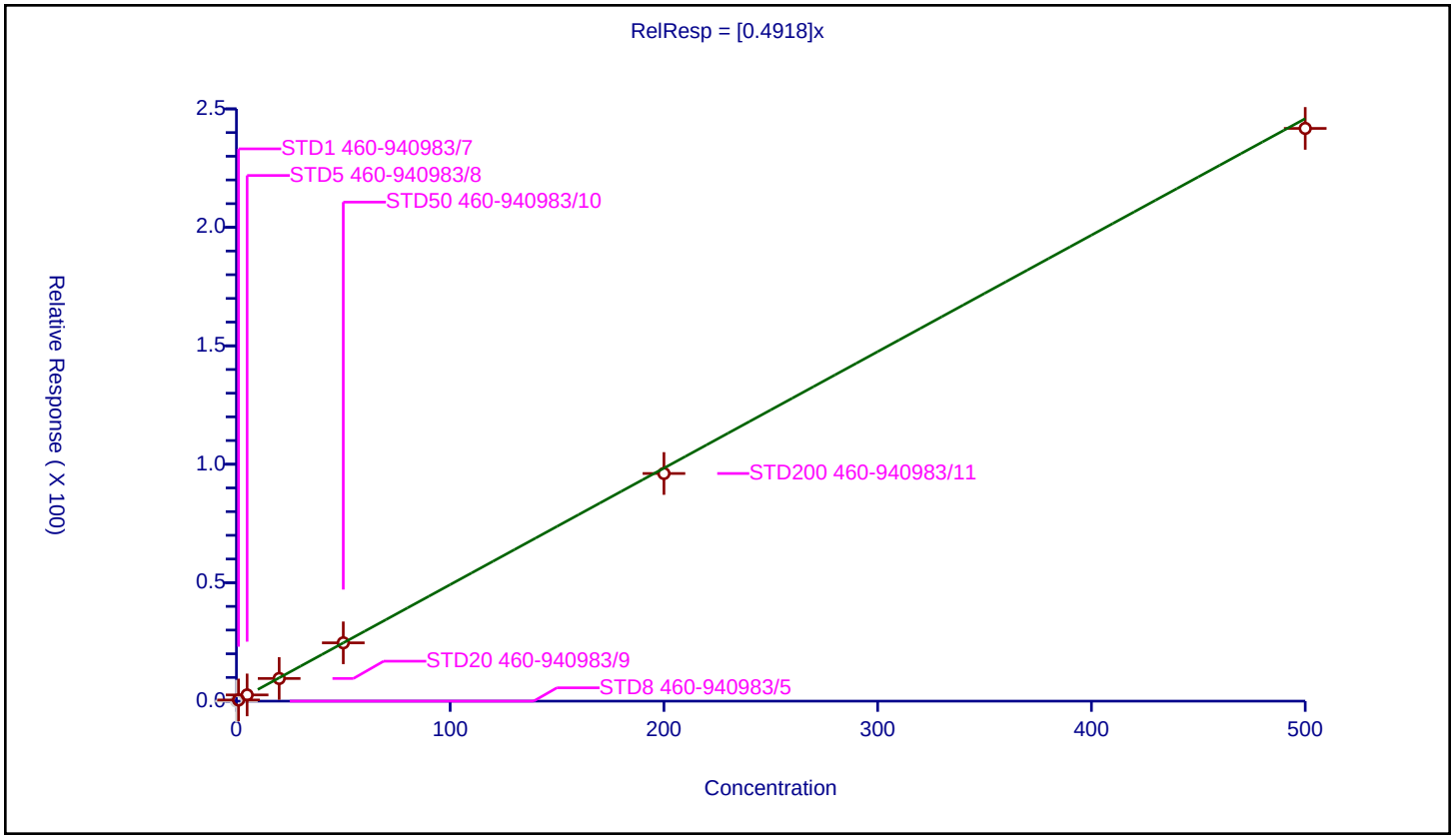
Curve Coefficients

Intercept:	0
Slope:	0.4918

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.491793	50.0	464626.0	0.491793	Y
3	STD5 460-940983/8	5.0	2.622632	50.0	475610.0	0.524526	Y
4	STD20 460-940983/9	20.0	9.560341	50.0	488492.0	0.478017	Y
5	STD50 460-940983/10	50.0	24.612828	50.0	521667.0	0.492257	Y
6	STD200 460-940983/11	200.0	96.093945	50.0	569078.0	0.48047	Y
7	STD500 460-940983/12	500.0	241.759842	50.0	648689.0	0.48352	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

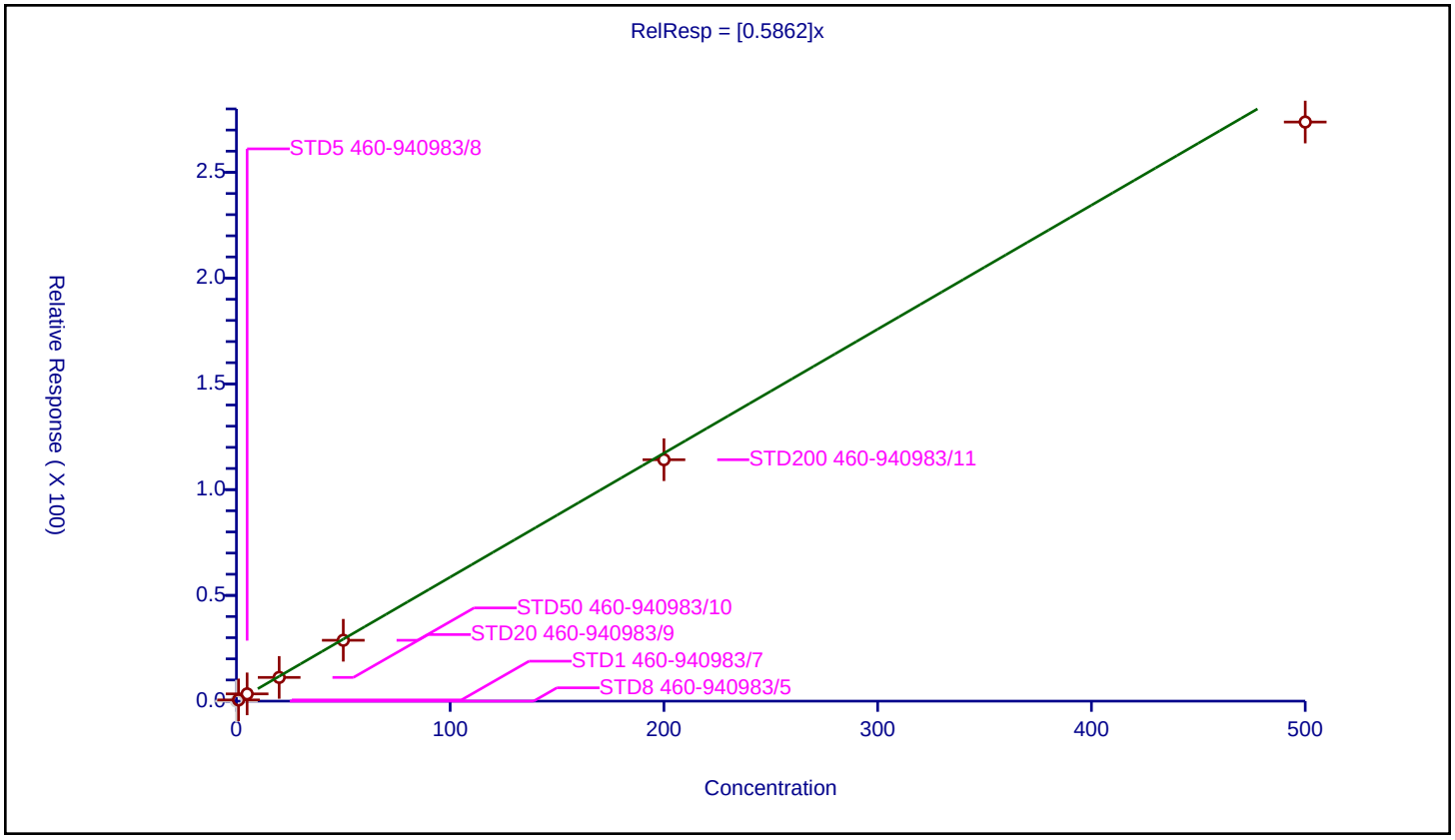
Curve Coefficients

Intercept:	0
Slope:	0.5862

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.5767	50.0	464626.0	0.5767	Y
3	STD5 460-940983/8	5.0	3.429385	50.0	475610.0	0.685877	Y
4	STD20 460-940983/9	20.0	11.214411	50.0	488492.0	0.560721	Y
5	STD50 460-940983/10	50.0	28.773528	50.0	521667.0	0.575471	Y
6	STD200 460-940983/11	200.0	114.136639	50.0	569078.0	0.570683	Y
7	STD500 460-940983/12	500.0	273.792834	50.0	648689.0	0.547586	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

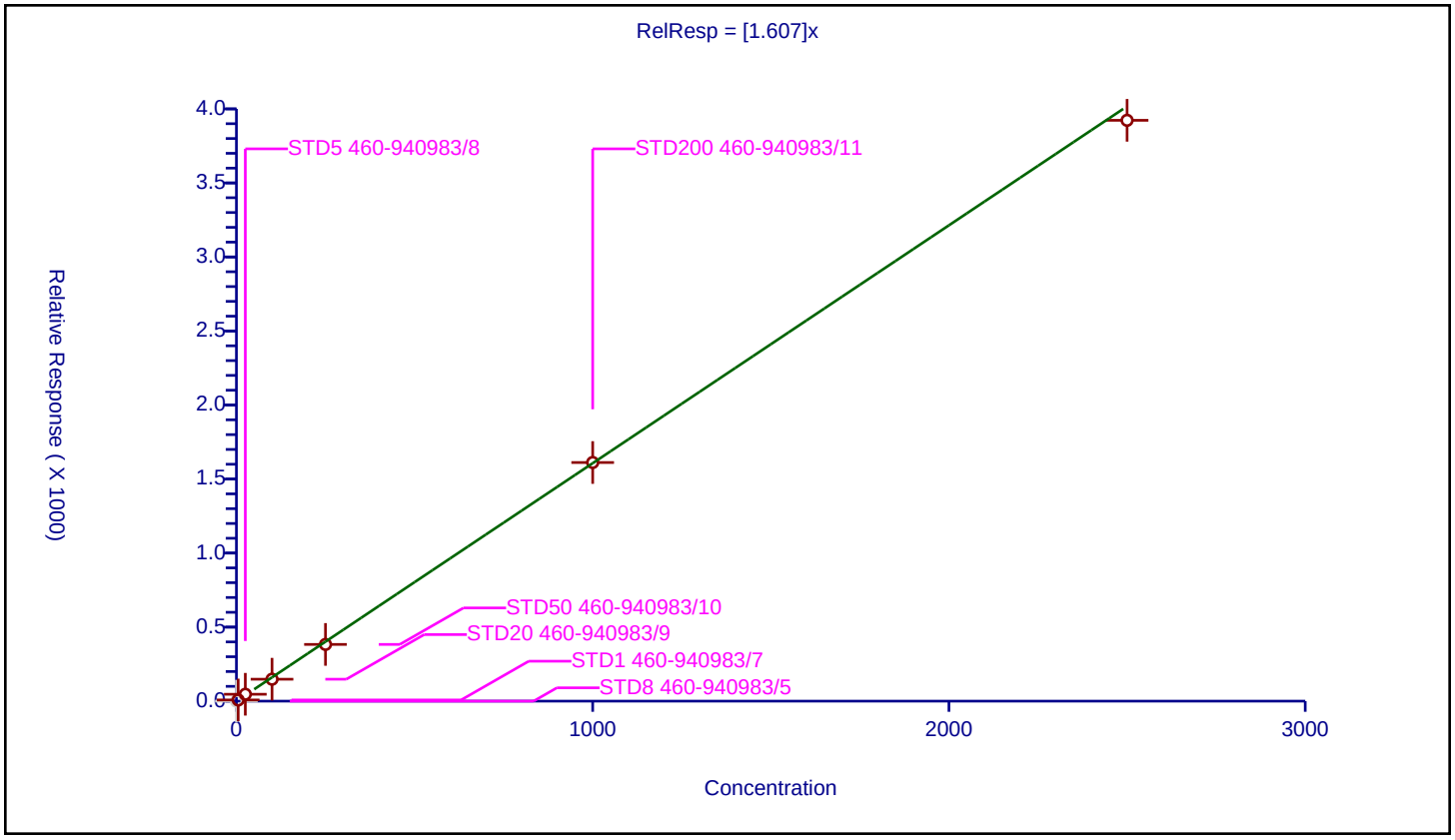
Curve Coefficients

Intercept:	0
Slope:	1.607

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	250.0	230633.0	NaN	N
2	STD1 460-940983/7	5.0	7.927744	250.0	244521.0	1.585549	Y
3	STD5 460-940983/8	25.0	46.544339	250.0	259849.0	1.861774	Y
4	STD20 460-940983/9	100.0	148.119038	250.0	278634.0	1.48119	Y
5	STD50 460-940983/10	250.0	383.015461	250.0	294353.0	1.532062	Y
6	STD200 460-940983/11	1000.0	1611.67027	250.0	318236.0	1.61167	Y
7	STD500 460-940983/12	2500.0	3922.860644	250.0	368826.0	1.569144	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

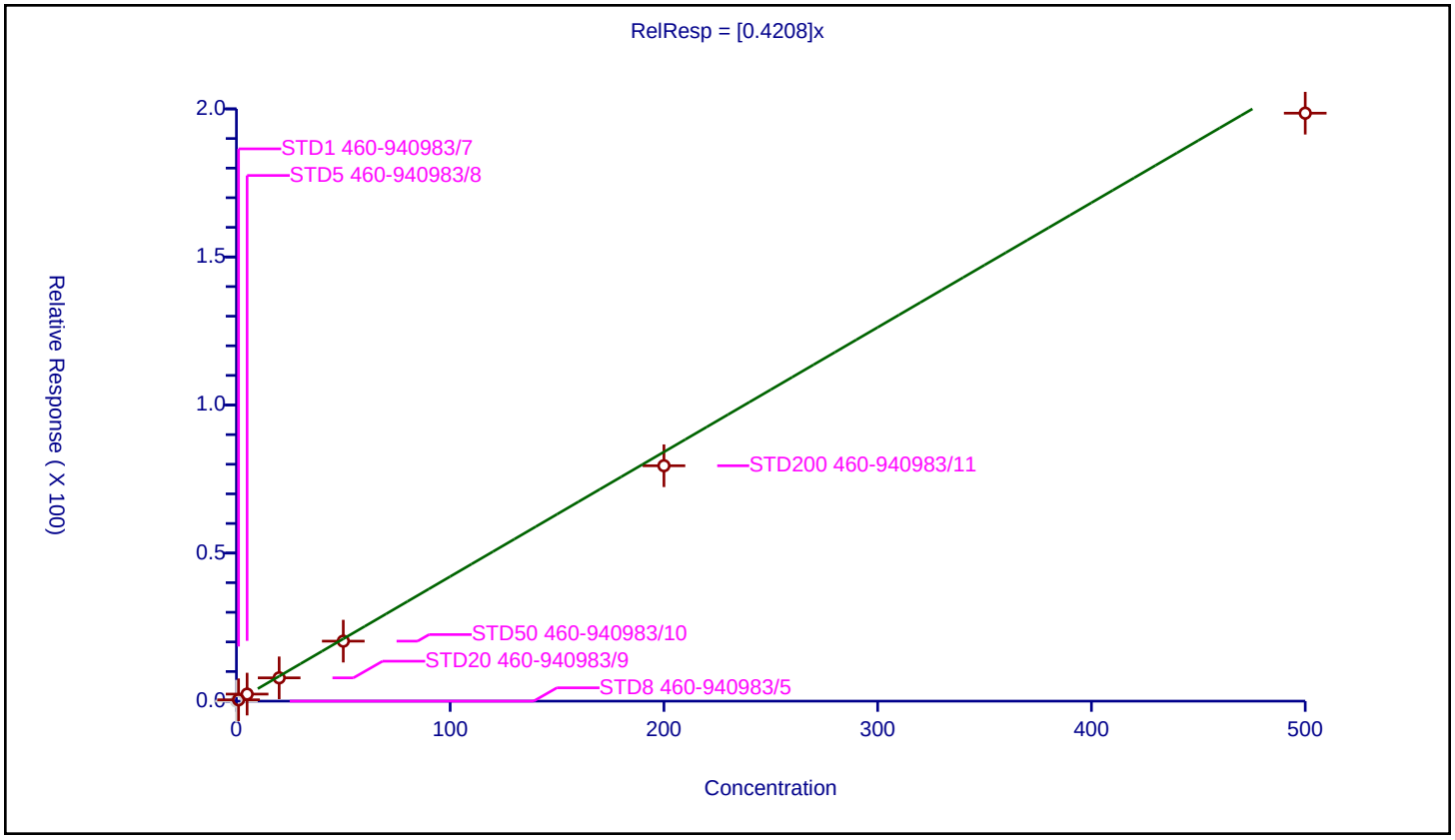
Curve Coefficients

Intercept:	0
Slope:	0.4208

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.456281	50.0	464626.0	0.456281	Y
3	STD5 460-940983/8	5.0	2.376737	50.0	475610.0	0.475347	Y
4	STD20 460-940983/9	20.0	7.863077	50.0	488492.0	0.393154	Y
5	STD50 460-940983/10	50.0	20.263789	50.0	521667.0	0.405276	Y
6	STD200 460-940983/11	200.0	79.498329	50.0	569078.0	0.397492	Y
7	STD500 460-940983/12	500.0	198.556242	50.0	648689.0	0.397112	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

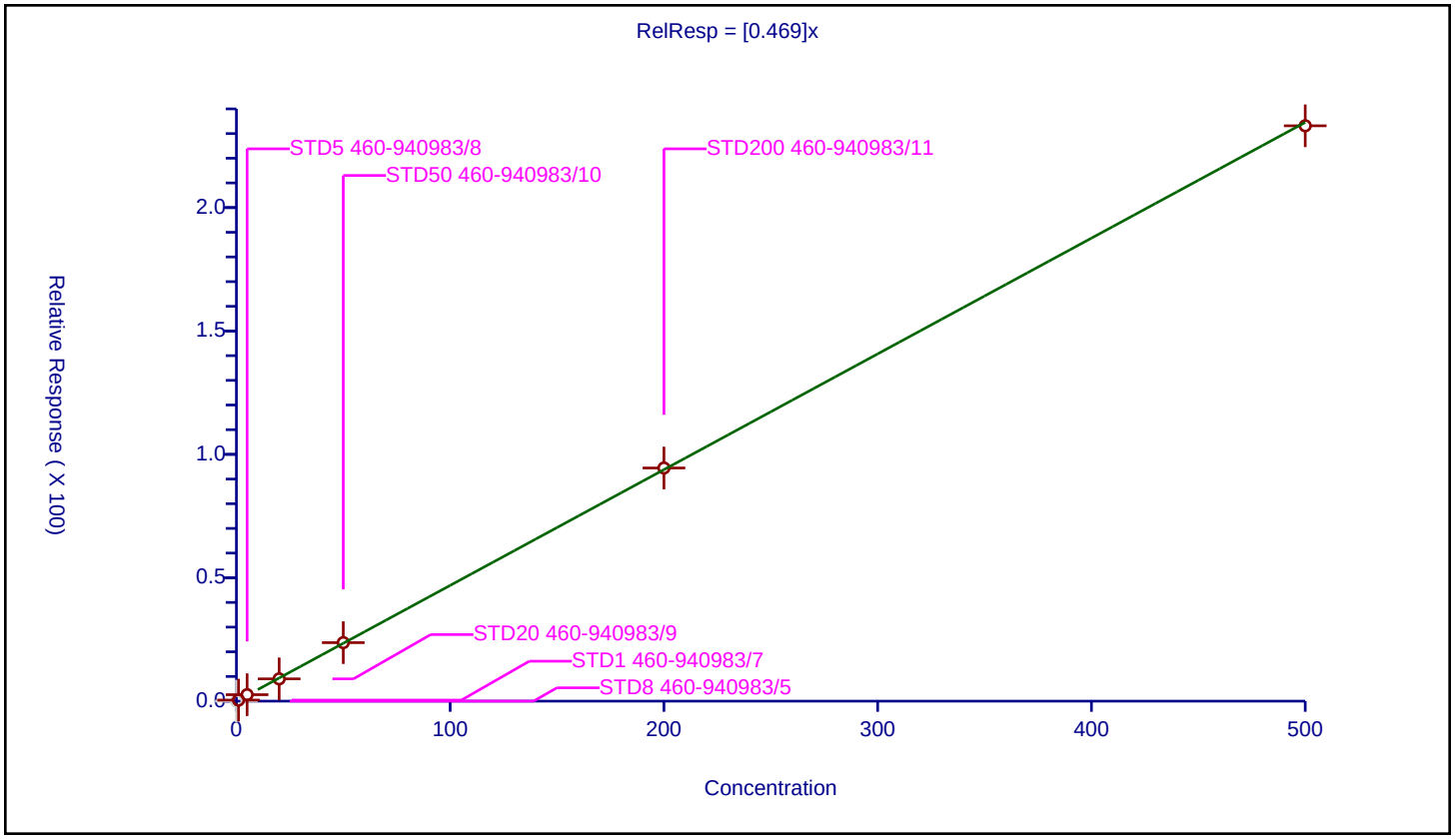
Curve Coefficients

Intercept:	0
Slope:	0.469

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.427441	50.0	464626.0	0.427441	Y
3	STD5 460-940983/8	5.0	2.61296	50.0	475610.0	0.522592	Y
4	STD20 460-940983/9	20.0	9.026965	50.0	488492.0	0.451348	Y
5	STD50 460-940983/10	50.0	23.711678	50.0	521667.0	0.474234	Y
6	STD200 460-940983/11	200.0	94.477031	50.0	569078.0	0.472385	Y
7	STD500 460-940983/12	500.0	233.140997	50.0	648689.0	0.466282	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

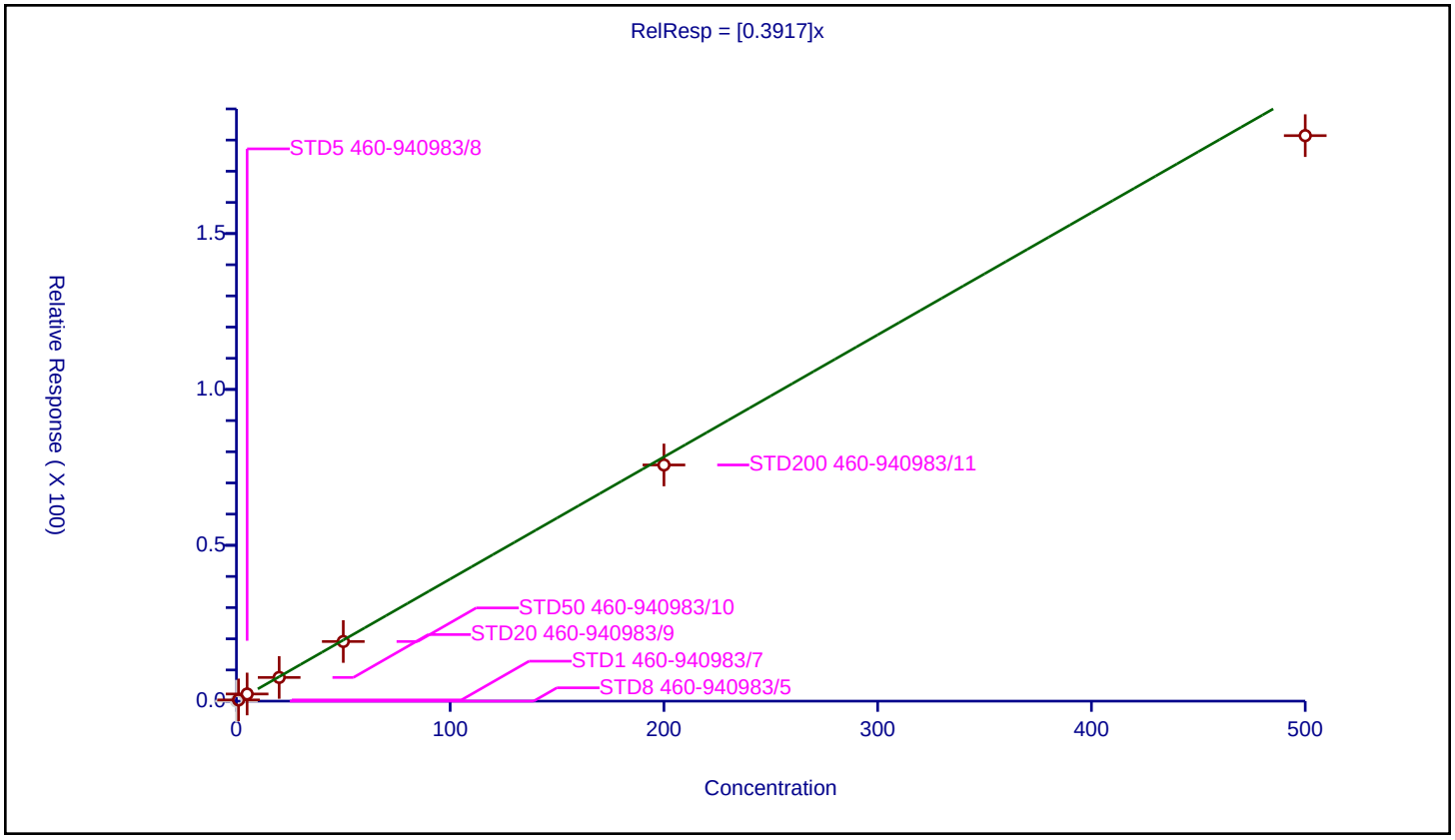
Curve Coefficients

Intercept:	0
Slope:	0.3917

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.386225	50.0	464626.0	0.386225	Y
3	STD5 460-940983/8	5.0	2.297576	50.0	475610.0	0.459515	Y
4	STD20 460-940983/9	20.0	7.604321	50.0	488492.0	0.380216	Y
5	STD50 460-940983/10	50.0	19.134045	50.0	521667.0	0.382681	Y
6	STD200 460-940983/11	200.0	75.771248	50.0	569078.0	0.378856	Y
7	STD500 460-940983/12	500.0	181.422299	50.0	648689.0	0.362845	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

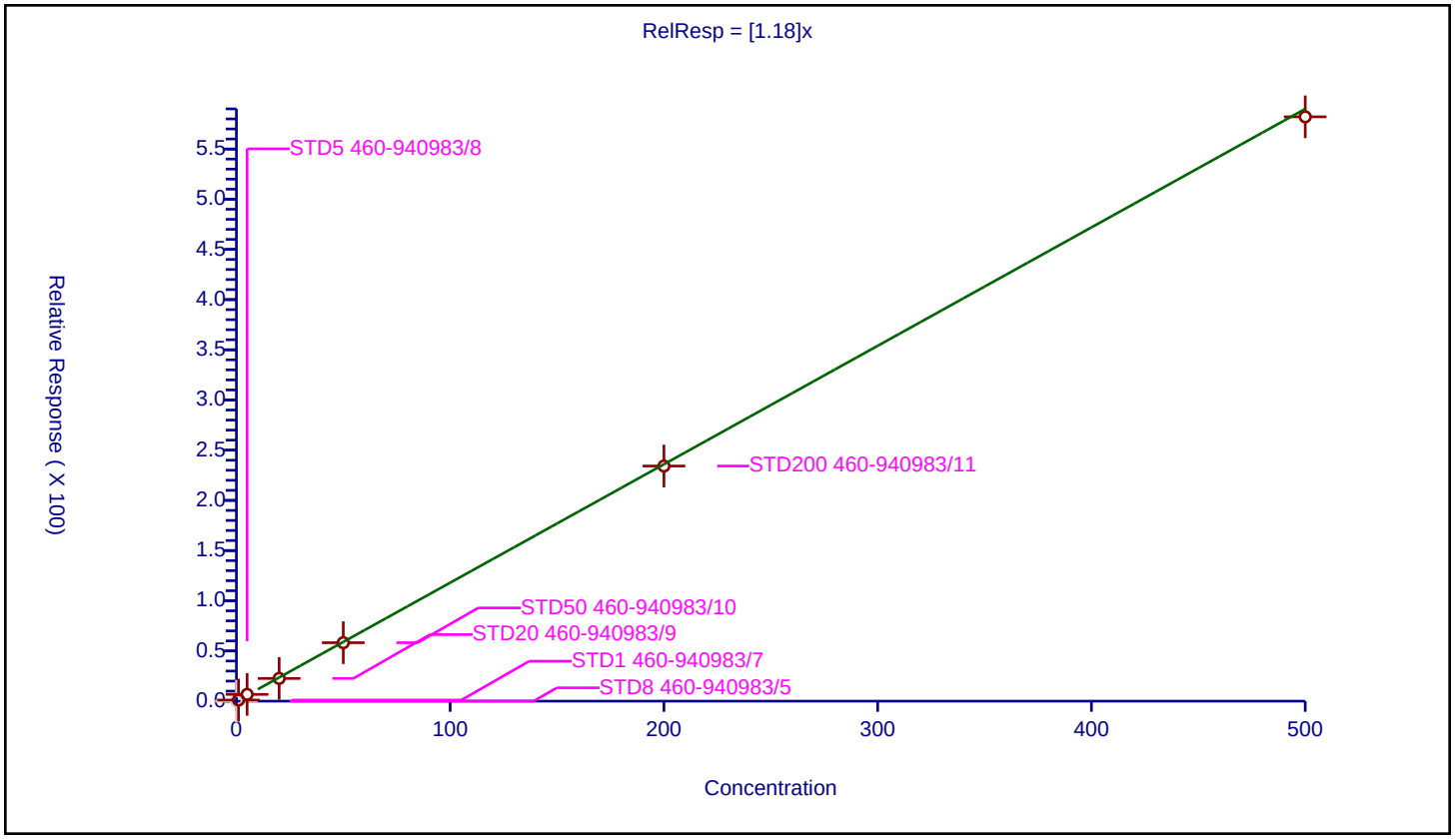
Curve Coefficients

Intercept:	0
Slope:	1.18

Error Coefficients

Standard Error:	3590000
Relative Standard Error:	7.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.106697	50.0	464626.0	1.106697	Y
3	STD5 460-940983/8	5.0	6.713379	50.0	475610.0	1.342676	Y
4	STD20 460-940983/9	20.0	22.606409	50.0	488492.0	1.13032	Y
5	STD50 460-940983/10	50.0	58.221145	50.0	521667.0	1.164423	Y
6	STD200 460-940983/11	200.0	234.208843	50.0	569078.0	1.171044	Y
7	STD500 460-940983/12	500.0	582.098818	50.0	648689.0	1.164198	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

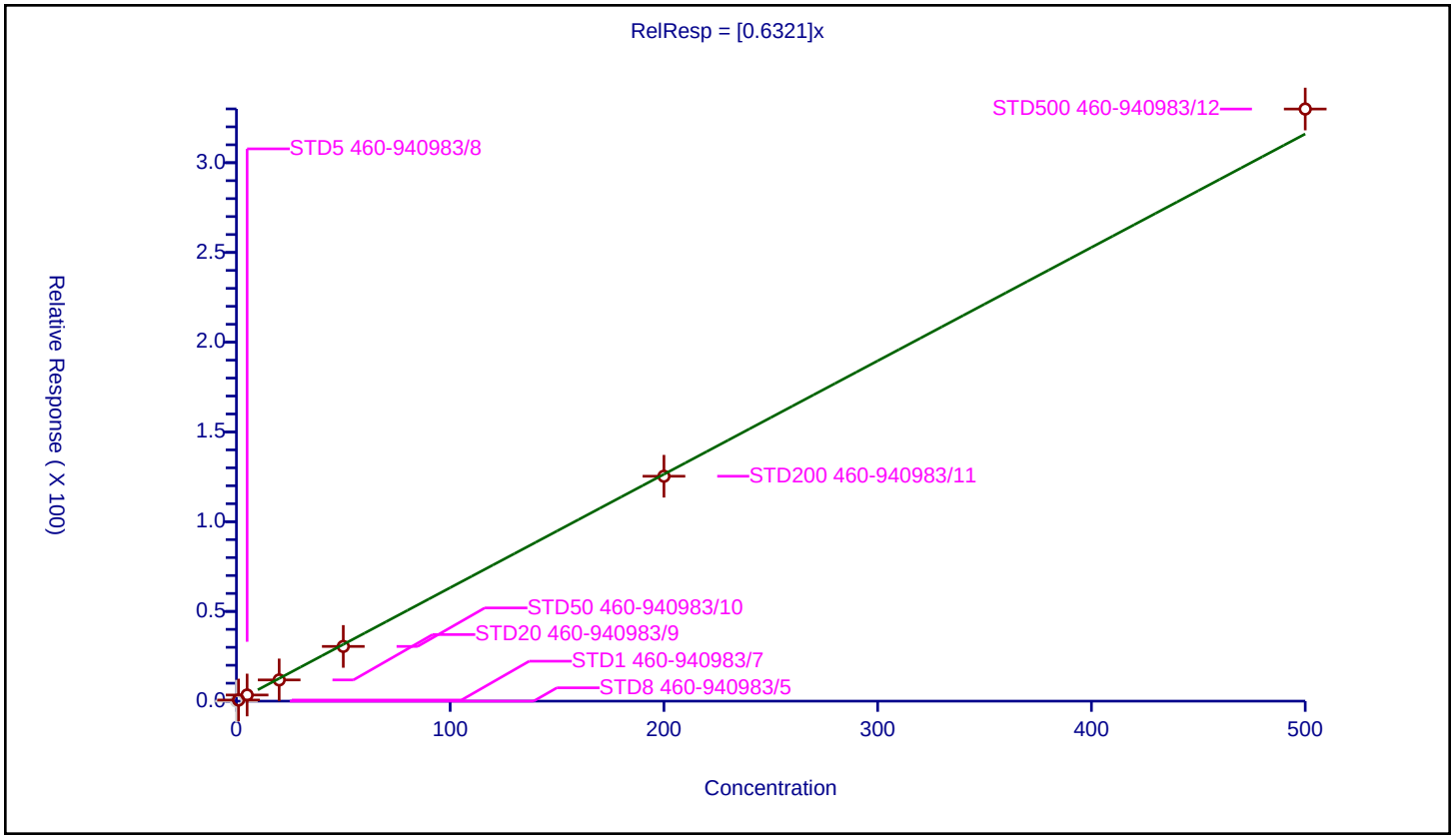
Curve Coefficients

Intercept:	0
Slope:	0.6321

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.620607	50.0	464626.0	0.620607	Y
3	STD5 460-940983/8	5.0	3.424024	50.0	475610.0	0.684805	Y
4	STD20 460-940983/9	20.0	11.814114	50.0	488492.0	0.590706	Y
5	STD50 460-940983/10	50.0	30.489565	50.0	521667.0	0.609791	Y
6	STD200 460-940983/11	200.0	125.315071	50.0	569078.0	0.626575	Y
7	STD500 460-940983/12	500.0	329.93214	50.0	648689.0	0.659864	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

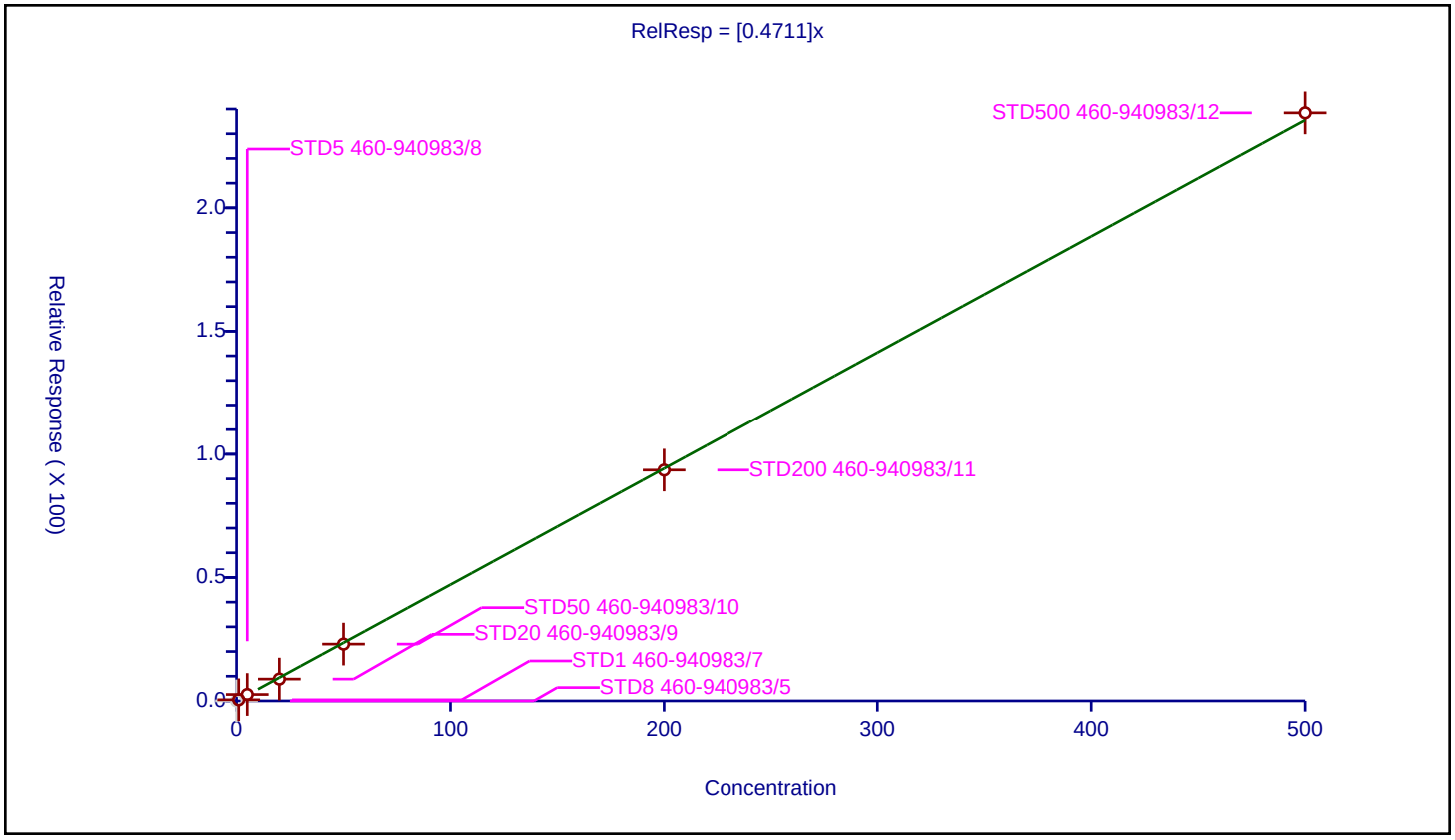
Curve Coefficients

Intercept:	0
Slope:	0.4711

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.45994	50.0	464626.0	0.45994	Y
3	STD5 460-940983/8	5.0	2.59614	50.0	475610.0	0.519228	Y
4	STD20 460-940983/9	20.0	8.843134	50.0	488492.0	0.442157	Y
5	STD50 460-940983/10	50.0	23.014778	50.0	521667.0	0.460296	Y
6	STD200 460-940983/11	200.0	93.579175	50.0	569078.0	0.467896	Y
7	STD500 460-940983/12	500.0	238.441225	50.0	648689.0	0.476882	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

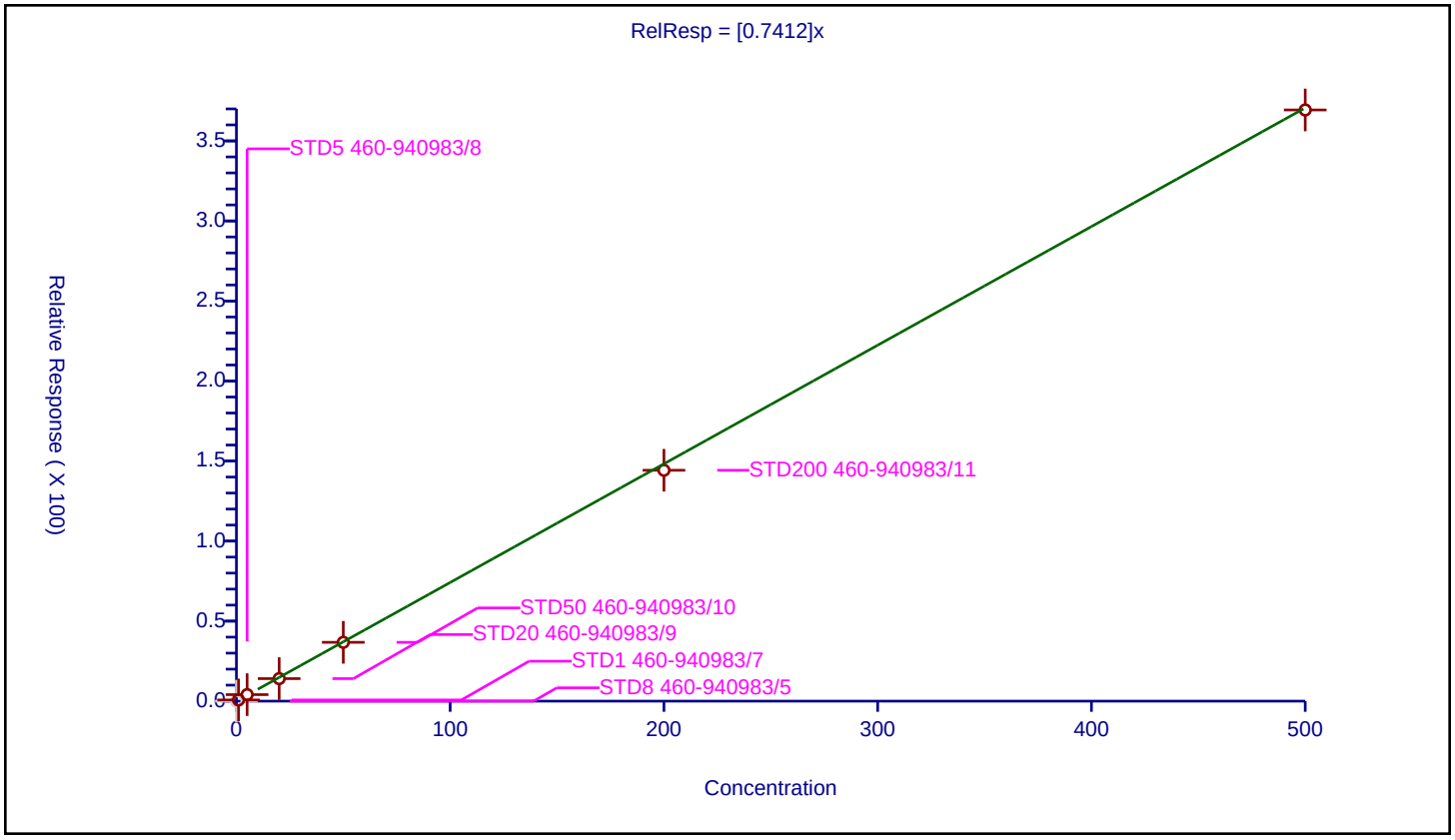
Curve Coefficients

Intercept:	0
Slope:	0.7412

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	5.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.735107	50.0	464626.0	0.735107	Y
3	STD5 460-940983/8	5.0	4.070667	50.0	475610.0	0.814133	Y
4	STD20 460-940983/9	20.0	14.070343	50.0	488492.0	0.703517	Y
5	STD50 460-940983/10	50.0	36.743651	50.0	521667.0	0.734873	Y
6	STD200 460-940983/11	200.0	144.237345	50.0	569078.0	0.721187	Y
7	STD500 460-940983/12	500.0	369.33546	50.0	648689.0	0.738671	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

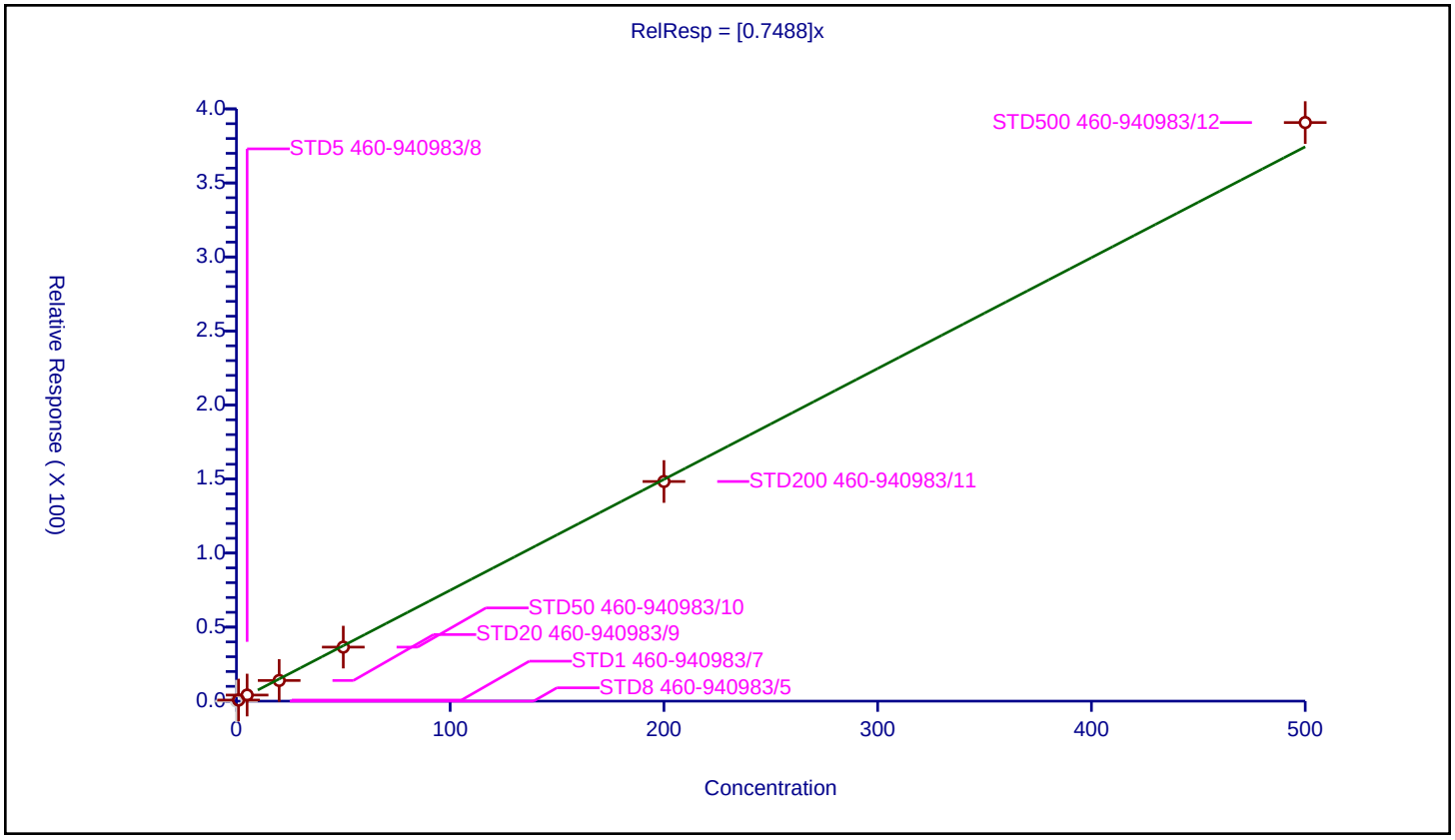
Curve Coefficients

Intercept:	0
Slope:	0.7488

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	6.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.721333	50.0	464626.0	0.721333	Y
3	STD5 460-940983/8	5.0	4.104939	50.0	475610.0	0.820988	Y
4	STD20 460-940983/9	20.0	13.951303	50.0	488492.0	0.697565	Y
5	STD50 460-940983/10	50.0	36.497325	50.0	521667.0	0.729946	Y
6	STD200 460-940983/11	200.0	148.336608	50.0	569078.0	0.741683	Y
7	STD500 460-940983/12	500.0	390.766222	50.0	648689.0	0.781532	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

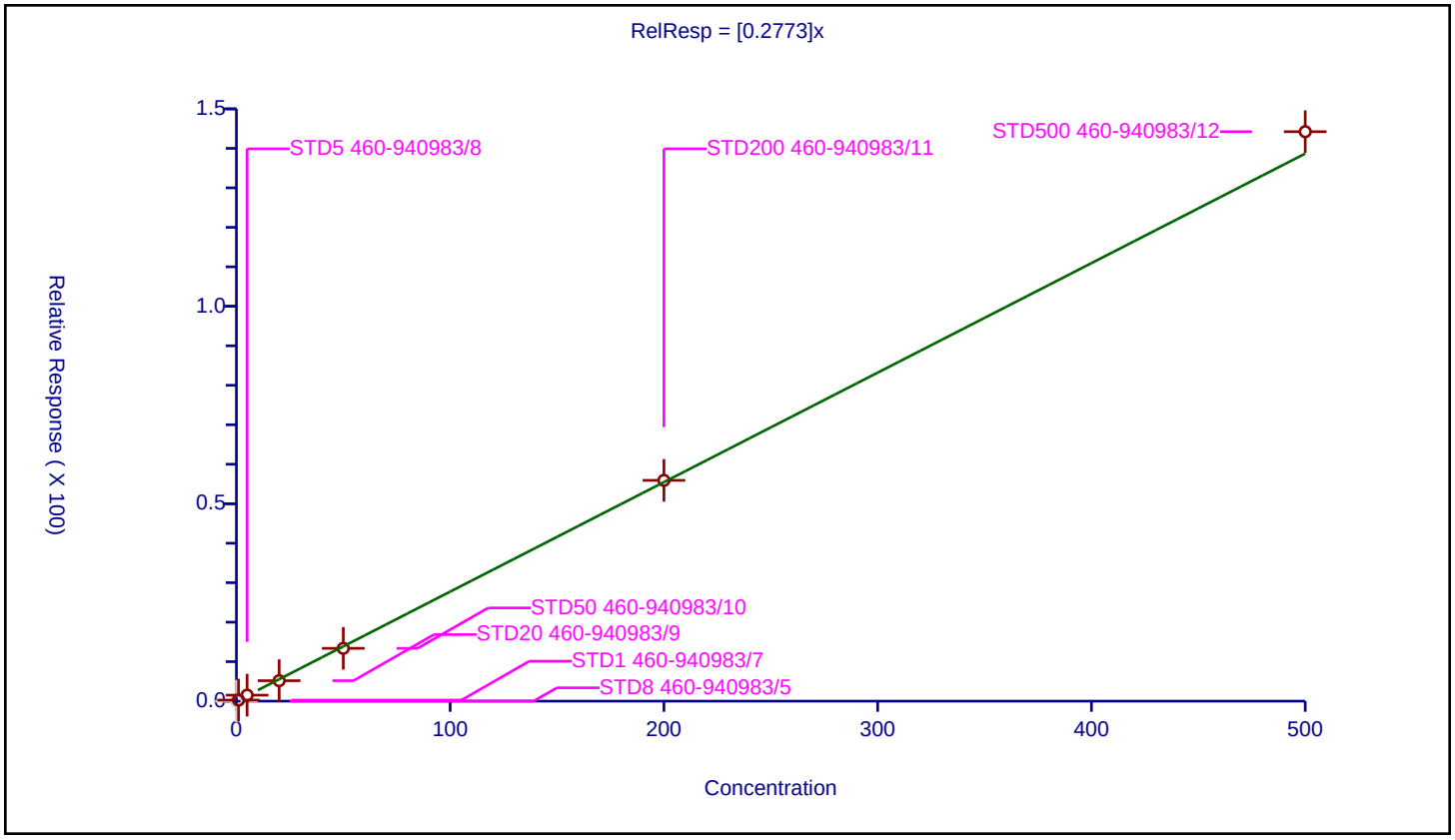
Curve Coefficients

Intercept:	0
Slope:	0.2773

Error Coefficients

Standard Error:	886000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.266666	50.0	464626.0	0.266666	Y
3	STD5 460-940983/8	5.0	1.515948	50.0	475610.0	0.30319	Y
4	STD20 460-940983/9	20.0	5.174087	50.0	488492.0	0.258704	Y
5	STD50 460-940983/10	50.0	13.369928	50.0	521667.0	0.267399	Y
6	STD200 460-940983/11	200.0	55.917379	50.0	569078.0	0.279587	Y
7	STD500 460-940983/12	500.0	144.226972	50.0	648689.0	0.288454	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

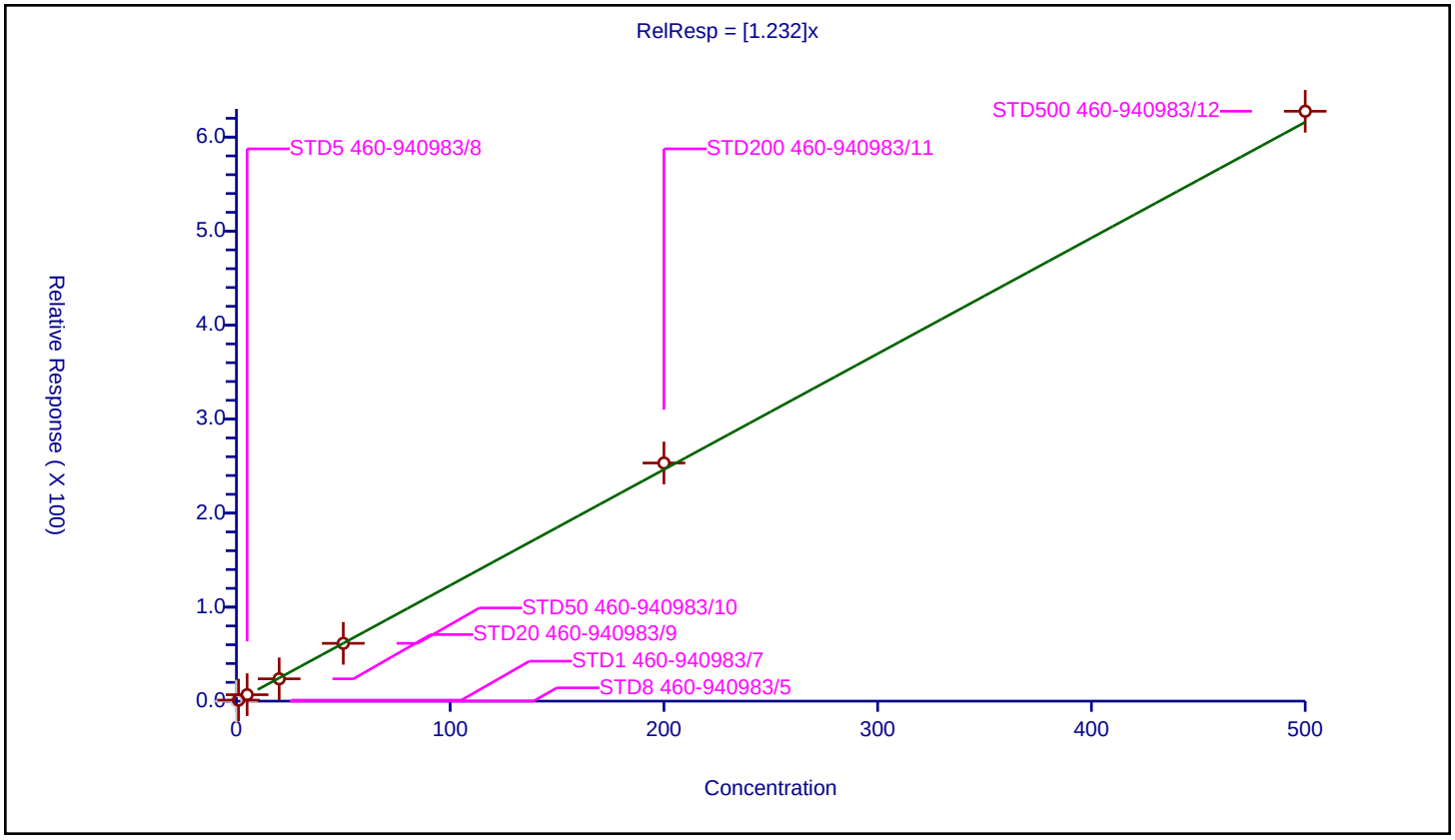
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.083883	50.0	464626.0	1.083883	Y
3	STD5 460-940983/8	5.0	6.844263	50.0	475610.0	1.368853	Y
4	STD20 460-940983/9	20.0	23.735087	50.0	488492.0	1.186754	Y
5	STD50 460-940983/10	50.0	61.485296	50.0	521667.0	1.229706	Y
6	STD200 460-940983/11	200.0	253.342336	50.0	569078.0	1.266712	Y
7	STD500 460-940983/12	500.0	627.498231	50.0	648689.0	1.254996	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

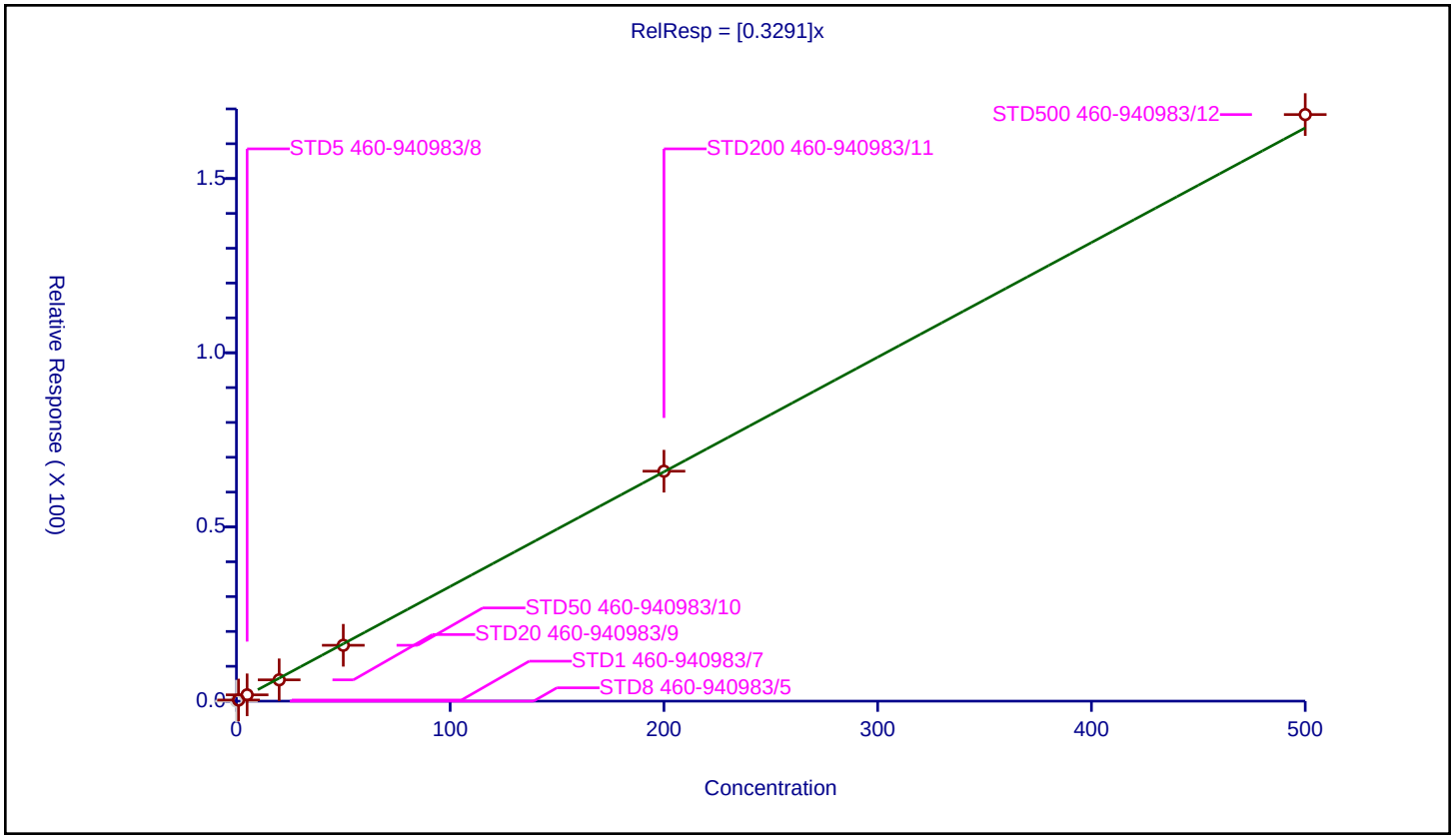
Curve Coefficients

Intercept:	0
Slope:	0.3291

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	0.319397	50.0	464626.0	0.319397	Y
3	STD5 460-940983/8	5.0	1.811148	50.0	475610.0	0.36223	Y
4	STD20 460-940983/9	20.0	6.109107	50.0	488492.0	0.305455	Y
5	STD50 460-940983/10	50.0	16.038488	50.0	521667.0	0.32077	Y
6	STD200 460-940983/11	200.0	66.002991	50.0	569078.0	0.330015	Y
7	STD500 460-940983/12	500.0	168.372132	50.0	648689.0	0.336744	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

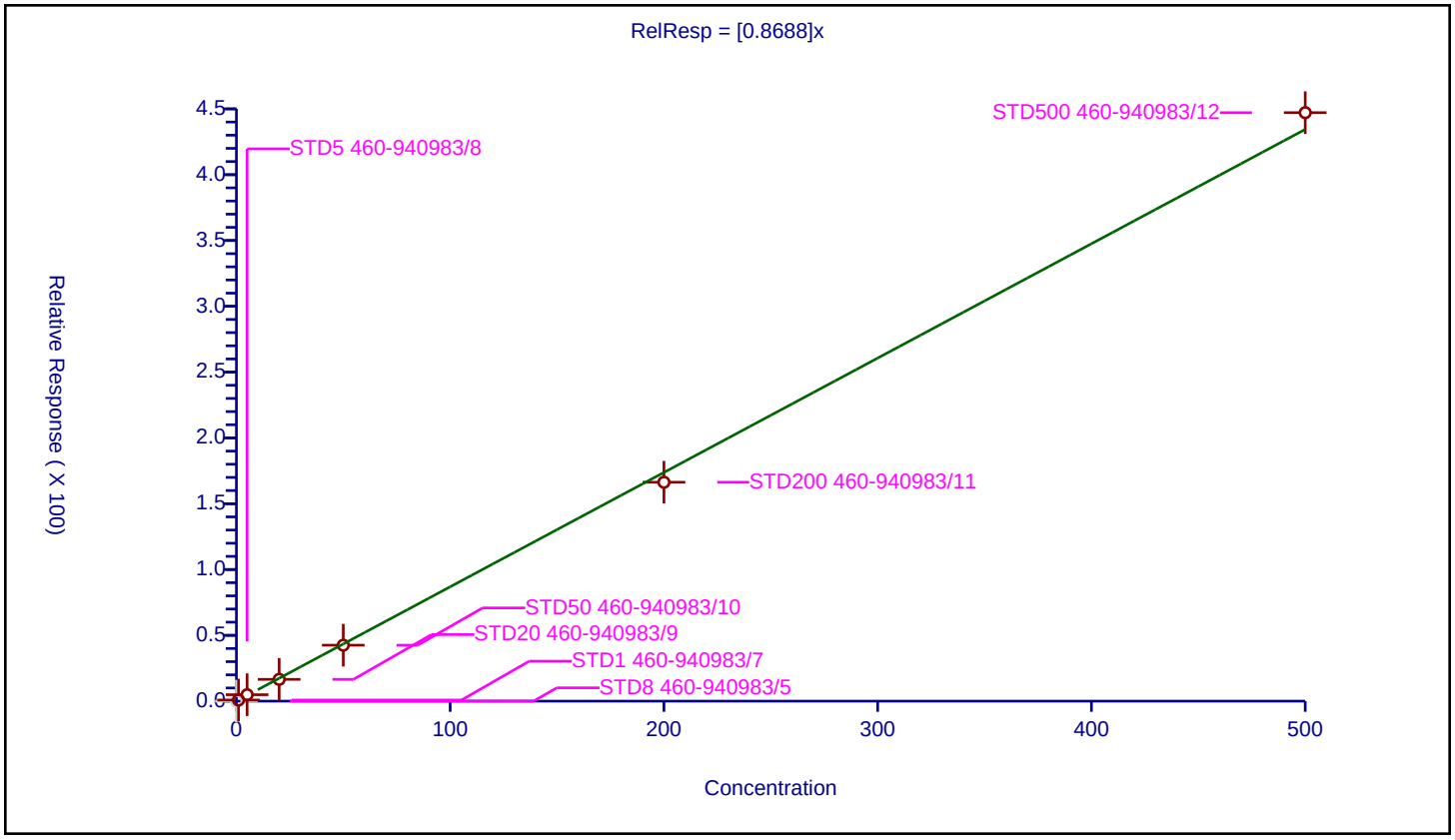
Curve Coefficients

Intercept:	0
Slope:	0.8688

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.834266	50.0	258131.0	0.834266	Y
3	STD5 460-940983/8	5.0	4.880255	50.0	259259.0	0.976051	Y
4	STD20 460-940983/9	20.0	16.536109	50.0	267442.0	0.826805	Y
5	STD50 460-940983/10	50.0	42.509331	50.0	284267.0	0.850187	Y
6	STD200 460-940983/11	200.0	166.308408	50.0	311600.0	0.831542	Y
7	STD500 460-940983/12	500.0	447.119185	50.0	331486.0	0.894238	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

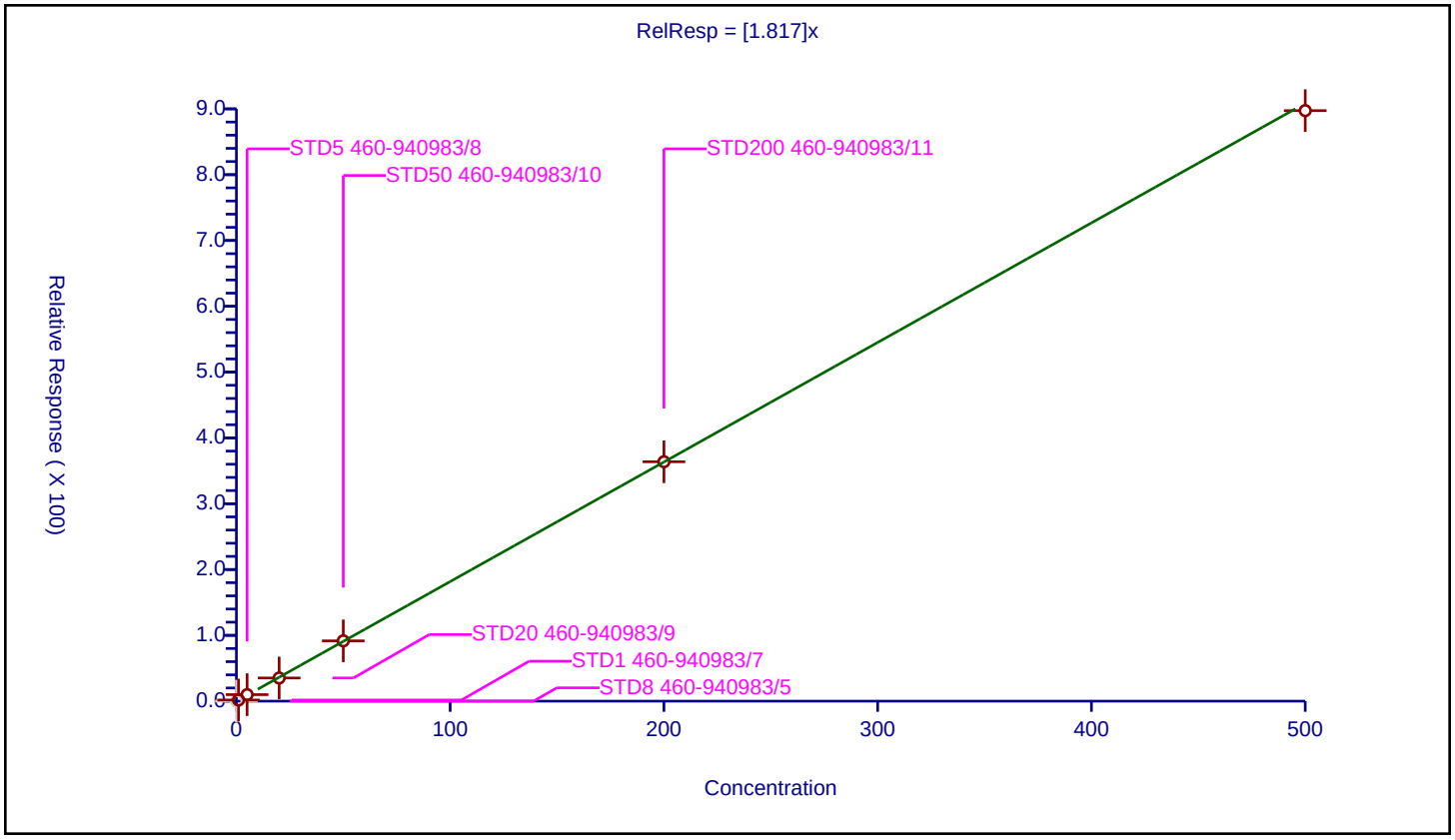
Curve Coefficients

Intercept:	0
Slope:	1.817

Error Coefficients

Standard Error:	5540000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	420246.0	NaN	N
2	STD1 460-940983/7	1.0	1.718909	50.0	464626.0	1.718909	Y
3	STD5 460-940983/8	5.0	9.886146	50.0	475610.0	1.977229	Y
4	STD20 460-940983/9	20.0	35.182357	50.0	488492.0	1.759118	Y
5	STD50 460-940983/10	50.0	91.625596	50.0	521667.0	1.832512	Y
6	STD200 460-940983/11	200.0	363.816032	50.0	569078.0	1.81908	Y
7	STD500 460-940983/12	500.0	897.336936	50.0	648689.0	1.794674	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

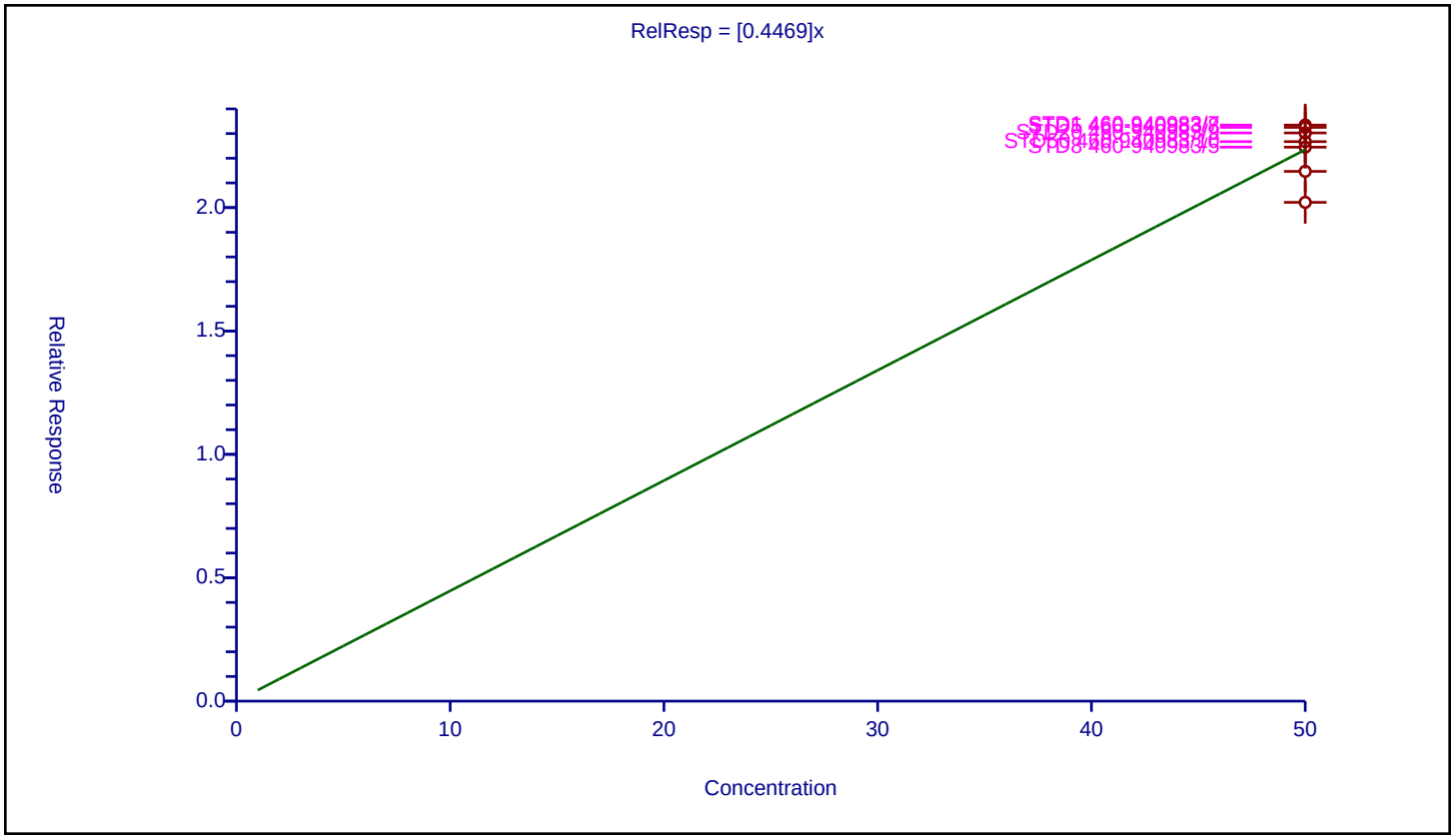
Curve Coefficients

Intercept:	0
Slope:	0.4469

Error Coefficients

Standard Error:	247000
Relative Standard Error:	5.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	50.0	22.448518	50.0	420246.0	0.44897	Y
2	STD1 460-940983/7	50.0	23.344152	50.0	464626.0	0.466883	Y
3	STD5 460-940983/8	50.0	23.250562	50.0	475610.0	0.465011	Y
4	STD20 460-940983/9	50.0	23.025249	50.0	488492.0	0.460505	Y
5	STD50 460-940983/10	50.0	22.67318	50.0	521667.0	0.453464	Y
6	STD200 460-940983/11	50.0	21.467444	50.0	569078.0	0.429349	Y
7	STD500 460-940983/12	50.0	20.212382	50.0	648689.0	0.404248	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

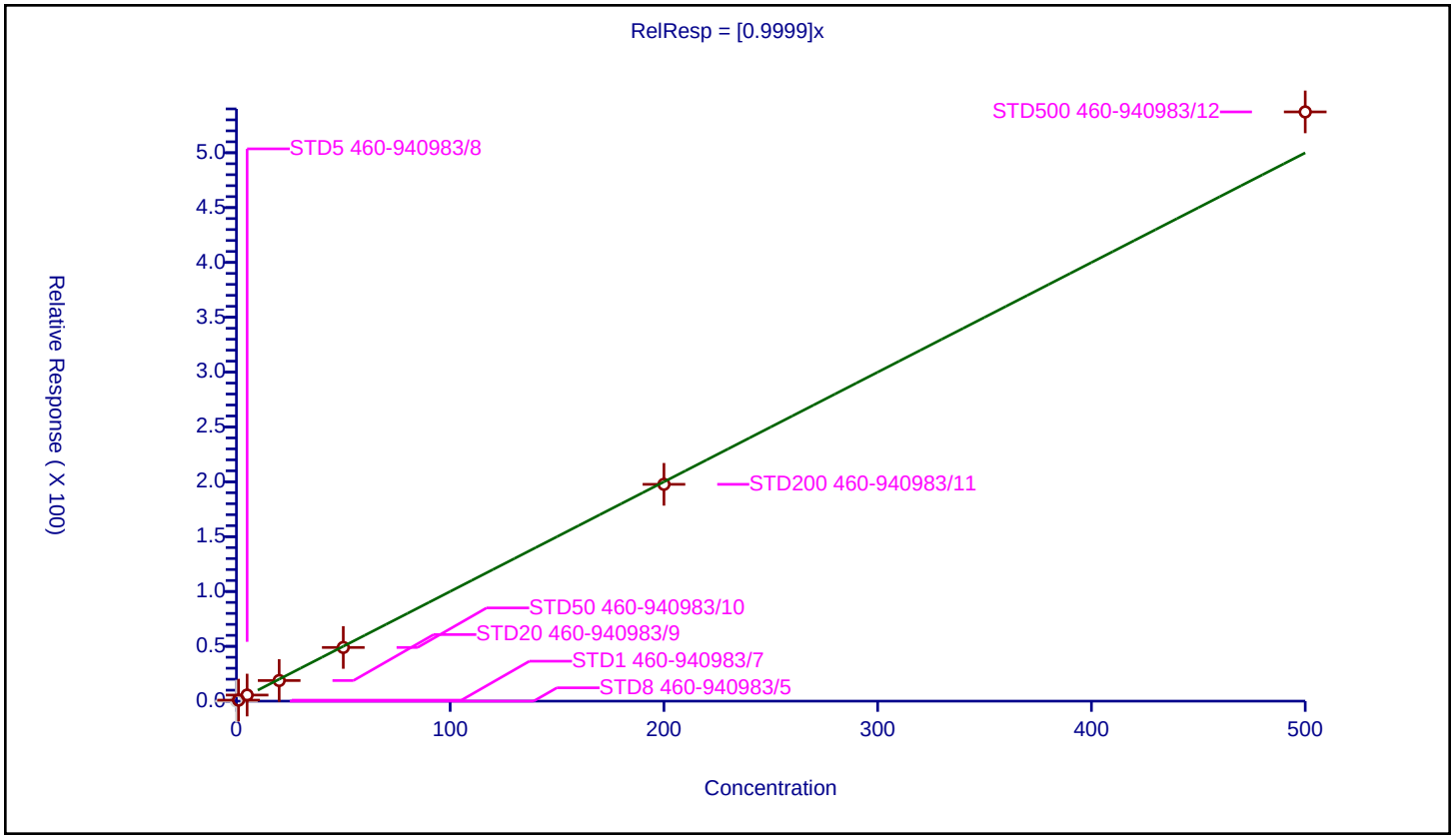
Curve Coefficients

Intercept:	0
Slope:	0.9999

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.908066	50.0	258131.0	0.908066	Y
3	STD5 460-940983/8	5.0	5.552363	50.0	259259.0	1.110473	Y
4	STD20 460-940983/9	20.0	18.773603	50.0	267442.0	0.93868	Y
5	STD50 460-940983/10	50.0	48.952042	50.0	284267.0	0.979041	Y
6	STD200 460-940983/11	200.0	197.681804	50.0	311600.0	0.988409	Y
7	STD500 460-940983/12	500.0	537.243503	50.0	331486.0	1.074487	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

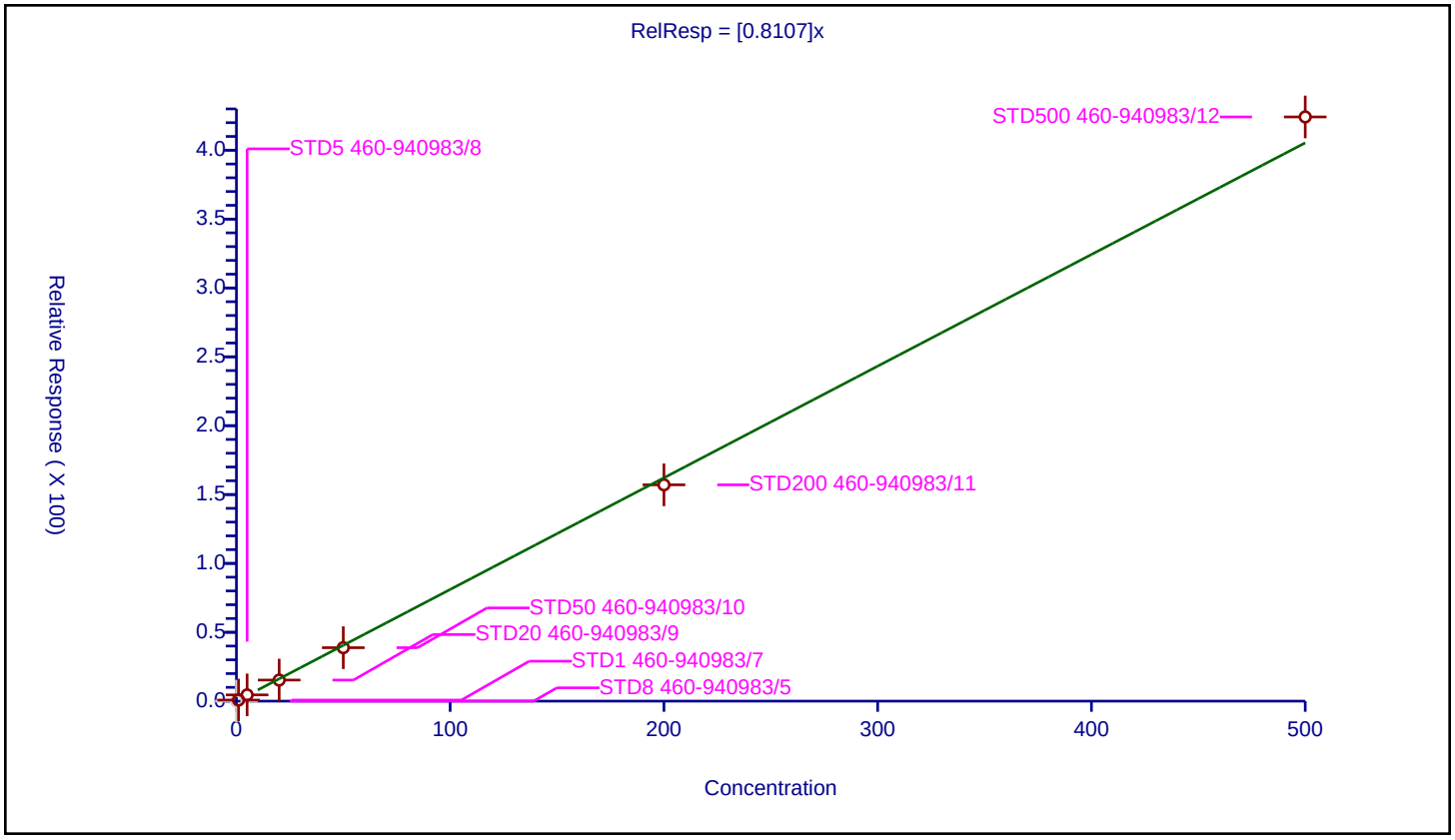
Curve Coefficients

Intercept:	0
Slope:	0.8107

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.782742	50.0	258131.0	0.782742	Y
3	STD5 460-940983/8	5.0	4.531183	50.0	259259.0	0.906237	Y
4	STD20 460-940983/9	20.0	15.313414	50.0	267442.0	0.765671	Y
5	STD50 460-940983/10	50.0	38.799966	50.0	284267.0	0.775999	Y
6	STD200 460-940983/11	200.0	157.04172	50.0	311600.0	0.785209	Y
7	STD500 460-940983/12	500.0	424.165576	50.0	331486.0	0.848331	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

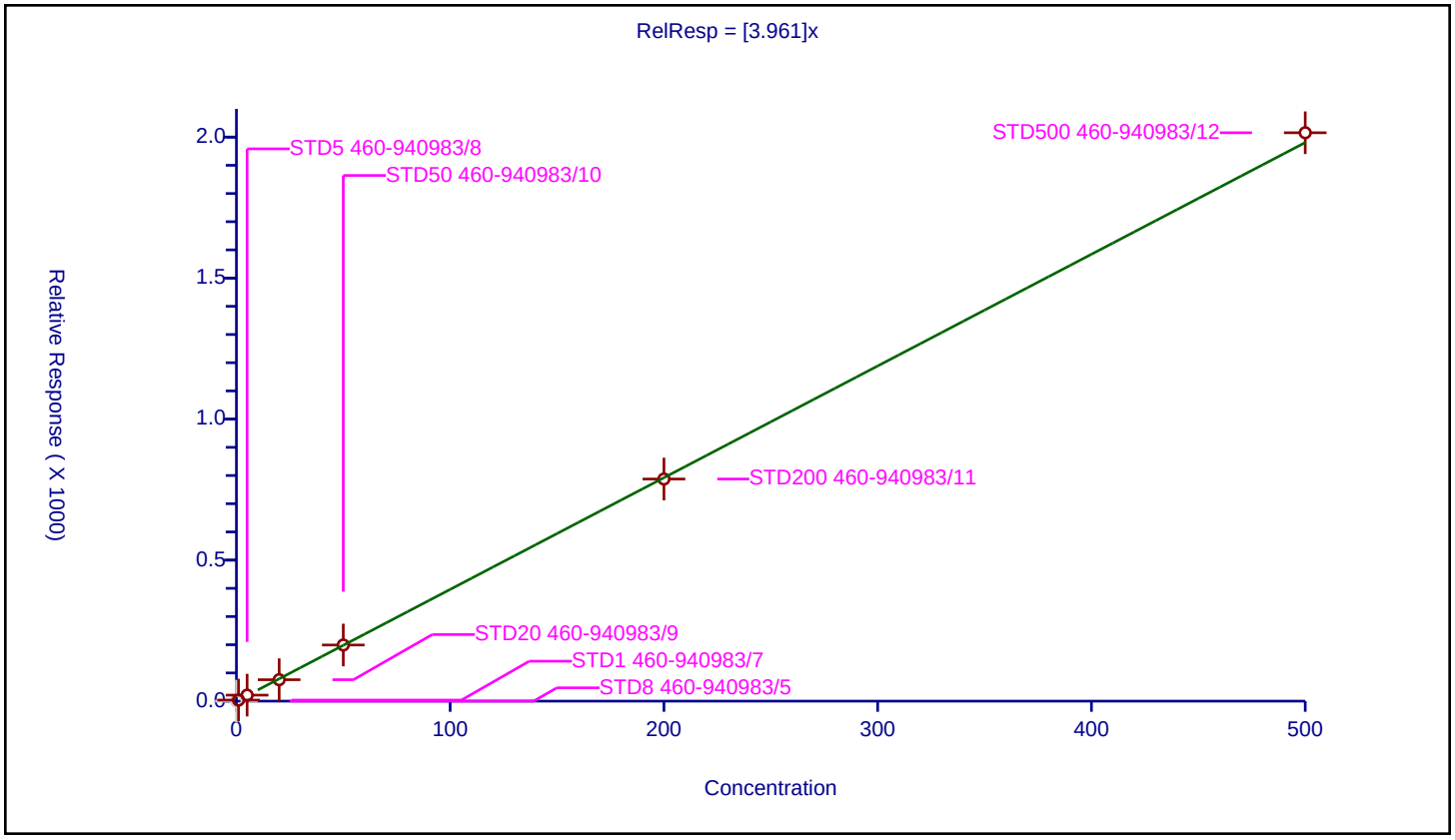
Curve Coefficients

Intercept:	0
Slope:	3.961

Error Coefficients

Standard Error:	6390000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	3.759719	50.0	258131.0	3.759719	Y
3	STD5 460-940983/8	5.0	21.29955	50.0	259259.0	4.25991	Y
4	STD20 460-940983/9	20.0	75.97853	50.0	267442.0	3.798926	Y
5	STD50 460-940983/10	50.0	199.039459	50.0	284267.0	3.980789	Y
6	STD200 460-940983/11	200.0	787.539474	50.0	311600.0	3.937697	Y
7	STD500 460-940983/12	500.0	2015.367466	50.0	331486.0	4.030735	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

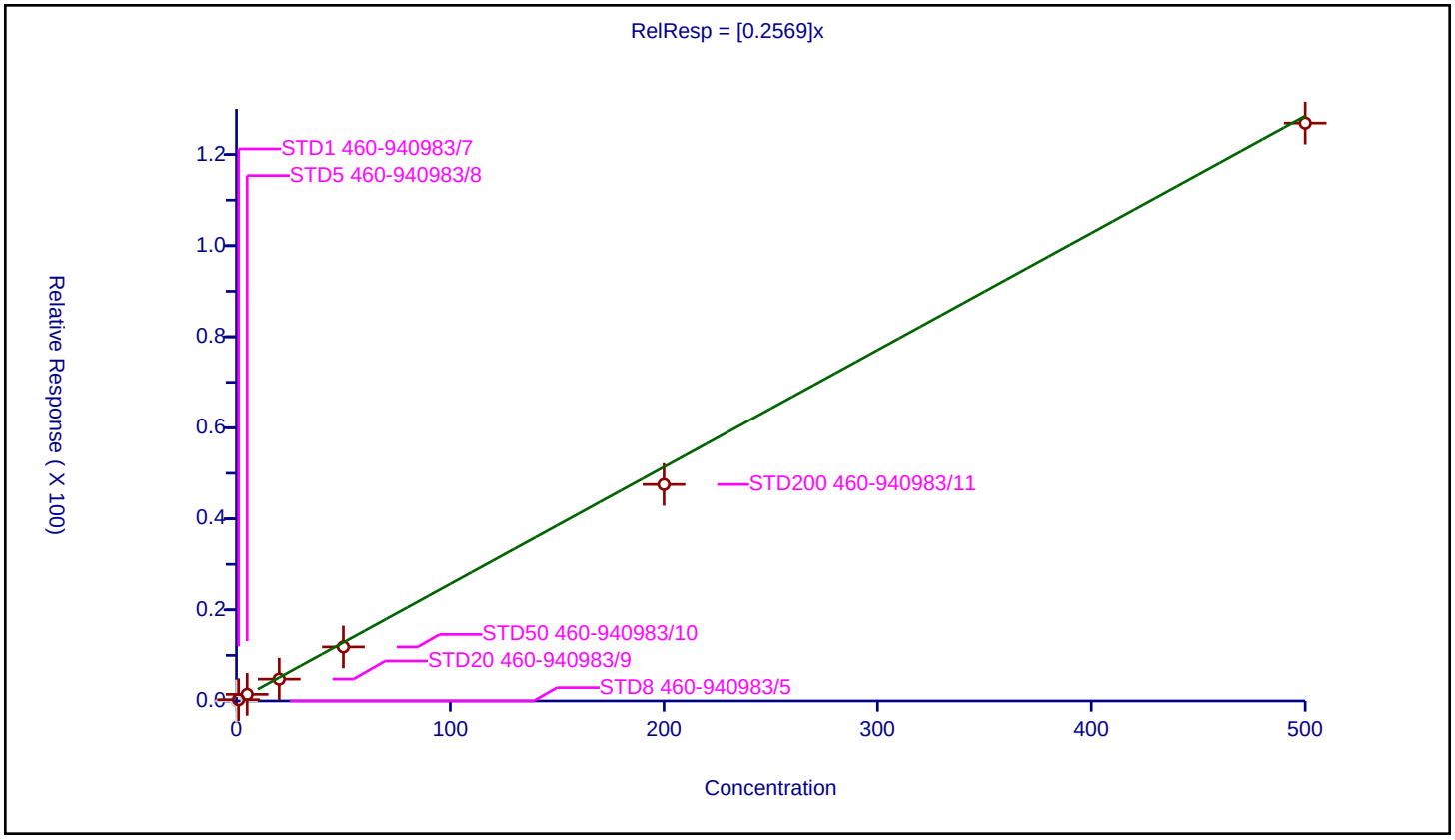
Curve Coefficients

Intercept:	0
Slope:	0.2569

Error Coefficients

Standard Error:	400000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.282608	50.0	258131.0	0.282608	Y
3	STD5 460-940983/8	5.0	1.454337	50.0	259259.0	0.290867	Y
4	STD20 460-940983/9	20.0	4.78945	50.0	267442.0	0.239472	Y
5	STD50 460-940983/10	50.0	11.857338	50.0	284267.0	0.237147	Y
6	STD200 460-940983/11	200.0	47.537548	50.0	311600.0	0.237688	Y
7	STD500 460-940983/12	500.0	126.891483	50.0	331486.0	0.253783	Y



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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

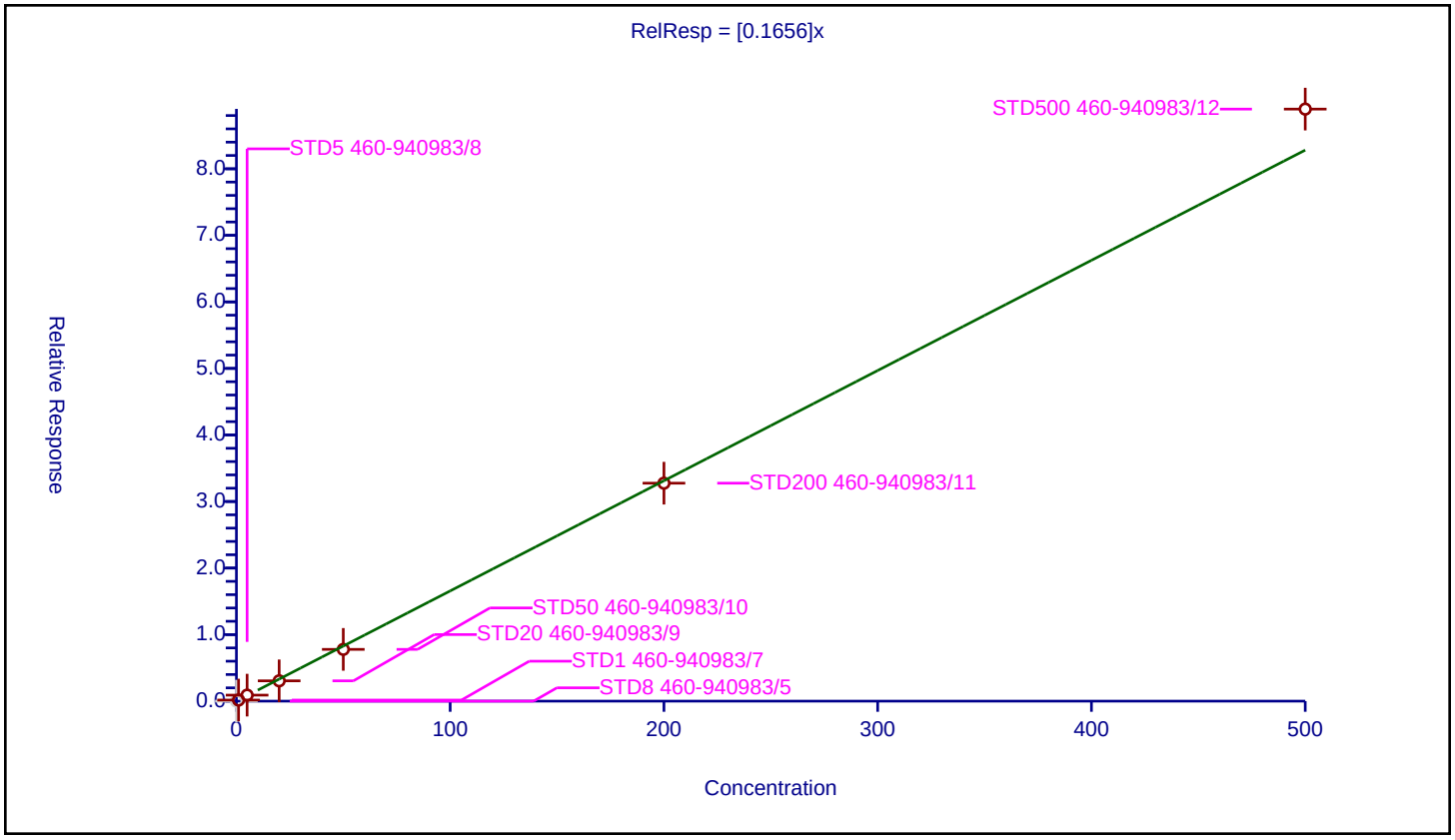
Curve Coefficients

Intercept:	0
Slope:	0.1656

Error Coefficients

Standard Error:	280000
Relative Standard Error:	6.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.163289	50.0	258131.0	0.163289	Y
3	STD5 460-940983/8	5.0	0.902187	50.0	259259.0	0.180437	Y
4	STD20 460-940983/9	20.0	3.053559	50.0	267442.0	0.152678	Y
5	STD50 460-940983/10	50.0	7.777547	50.0	284267.0	0.155551	Y
6	STD200 460-940983/11	200.0	32.755456	50.0	311600.0	0.163777	Y
7	STD500 460-940983/12	500.0	88.967709	50.0	331486.0	0.177935	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

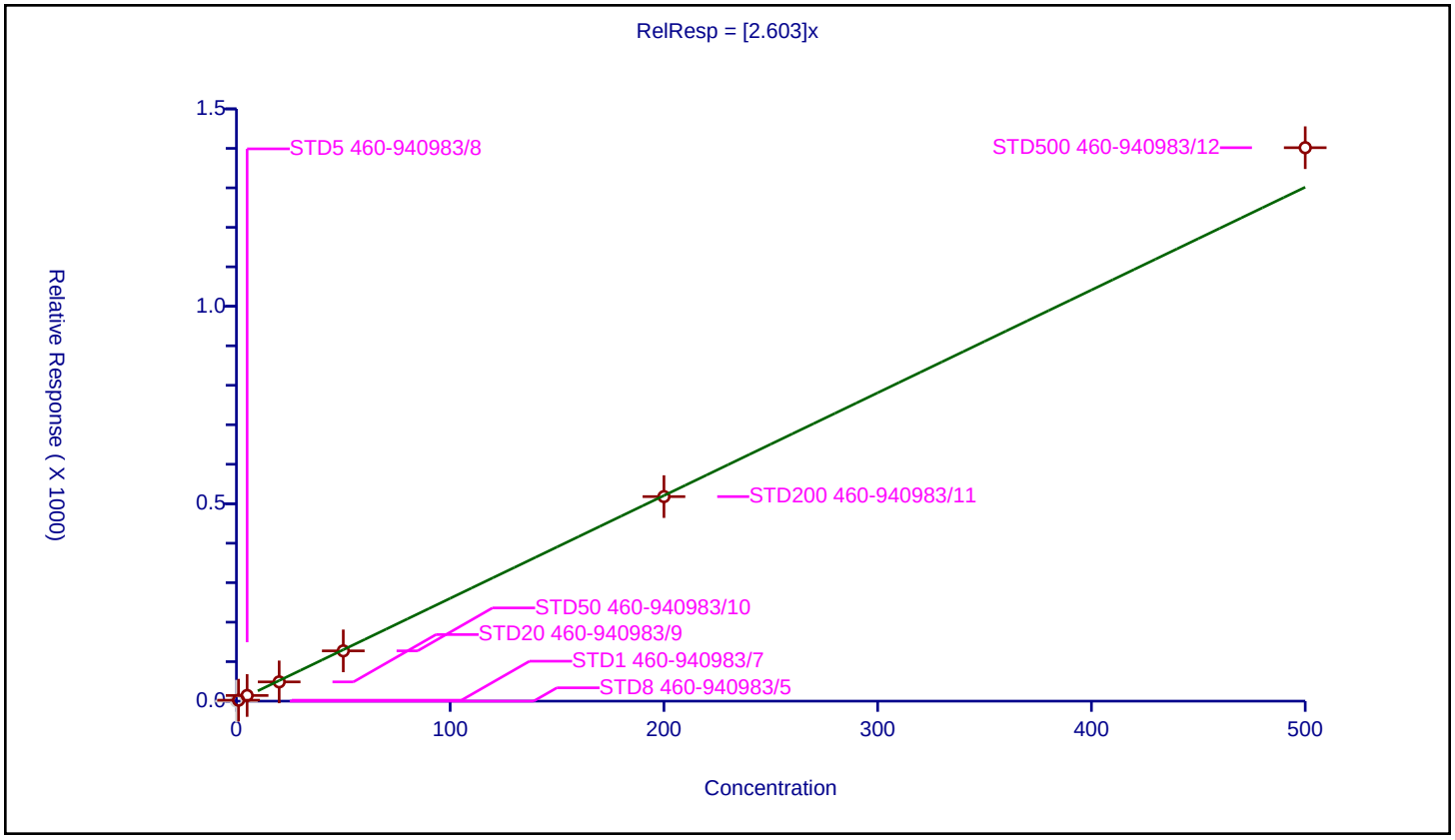
Curve Coefficients

Intercept:	0
Slope:	2.603

Error Coefficients

Standard Error:	4410000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.377669	50.0	258131.0	2.377669	Y
3	STD5 460-940983/8	5.0	14.316957	50.0	259259.0	2.863391	Y
4	STD20 460-940983/9	20.0	48.76347	50.0	267442.0	2.438174	Y
5	STD50 460-940983/10	50.0	127.35263	50.0	284267.0	2.547053	Y
6	STD200 460-940983/11	200.0	518.023267	50.0	311600.0	2.590116	Y
7	STD500 460-940983/12	500.0	1401.717116	50.0	331486.0	2.803434	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

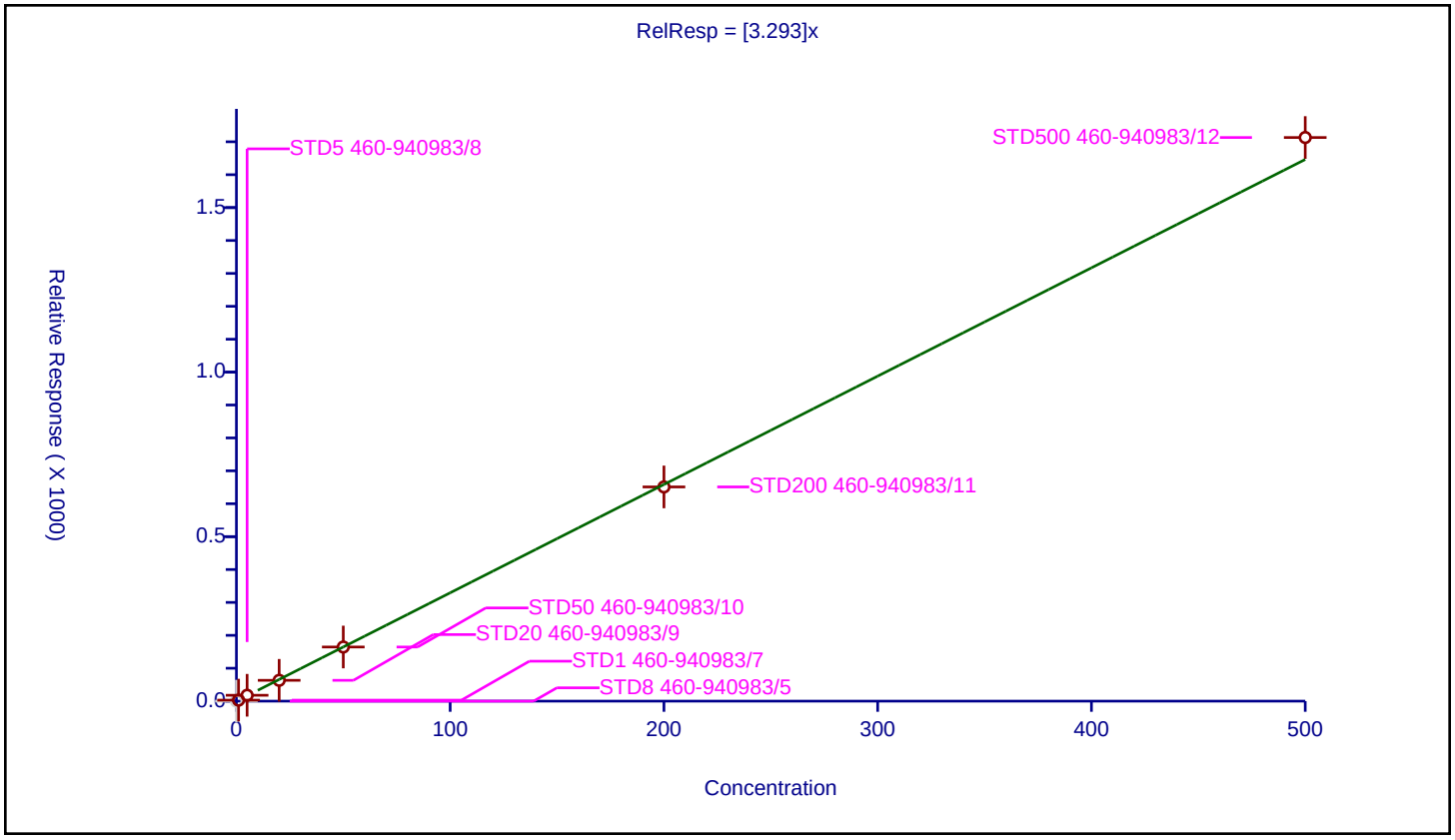
Curve Coefficients

Intercept:	0
Slope:	3.293

Error Coefficients

Standard Error:	5410000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	3.056781	50.0	258131.0	3.056781	Y
3	STD5 460-940983/8	5.0	17.814039	50.0	259259.0	3.562808	Y
4	STD20 460-940983/9	20.0	63.289424	50.0	267442.0	3.164471	Y
5	STD50 460-940983/10	50.0	164.521031	50.0	284267.0	3.290421	Y
6	STD200 460-940983/11	200.0	650.983793	50.0	311600.0	3.254919	Y
7	STD500 460-940983/12	500.0	1712.952885	50.0	331486.0	3.425906	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

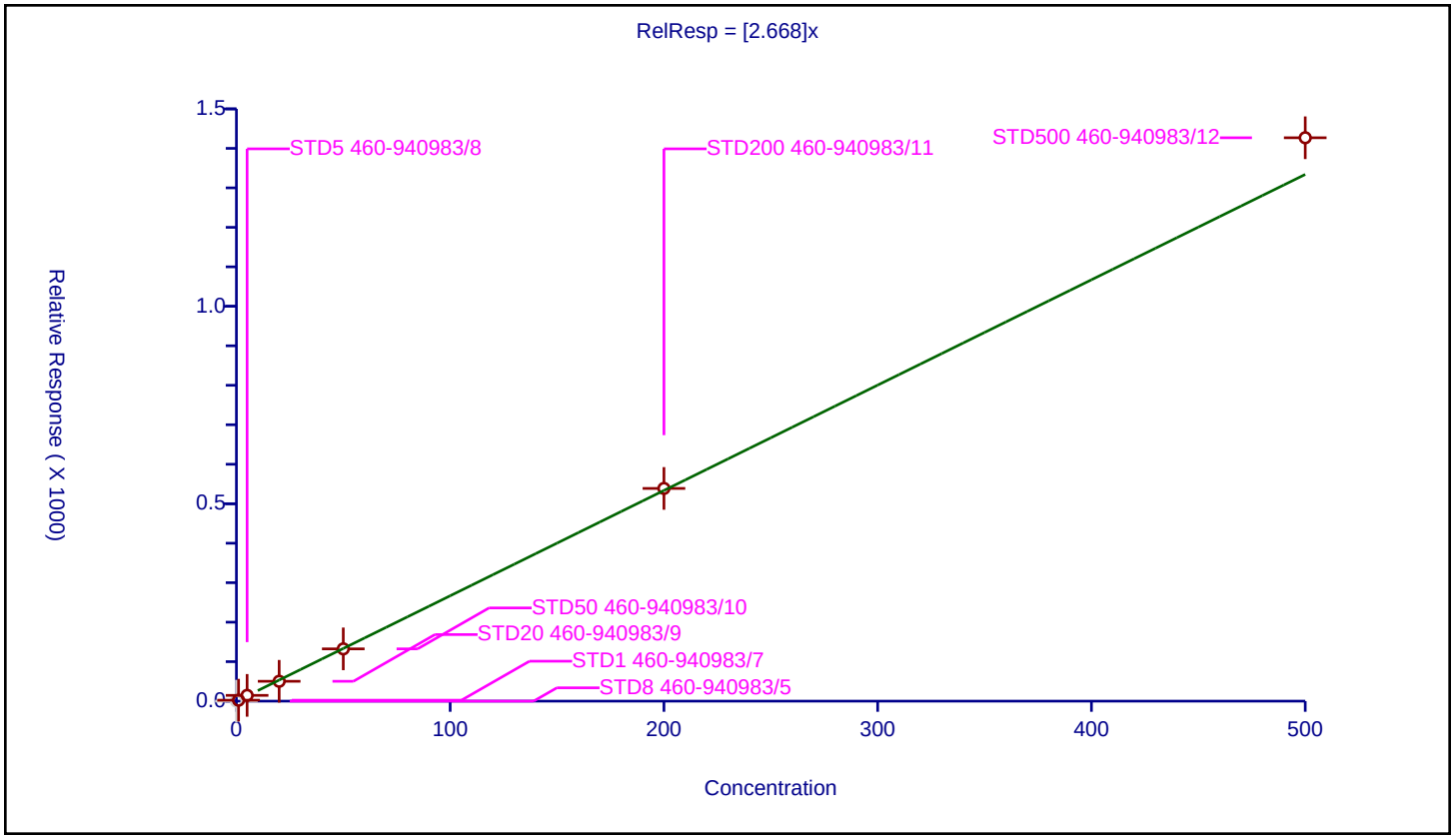
Curve Coefficients

Intercept:	0
Slope:	2.668

Error Coefficients

Standard Error:	4500000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.372826	50.0	258131.0	2.372826	Y
3	STD5 460-940983/8	5.0	14.625915	50.0	259259.0	2.925183	Y
4	STD20 460-940983/9	20.0	50.299691	50.0	267442.0	2.514985	Y
5	STD50 460-940983/10	50.0	132.364467	50.0	284267.0	2.647289	Y
6	STD200 460-940983/11	200.0	538.713094	50.0	311600.0	2.693565	Y
7	STD500 460-940983/12	500.0	1426.866746	50.0	331486.0	2.853733	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

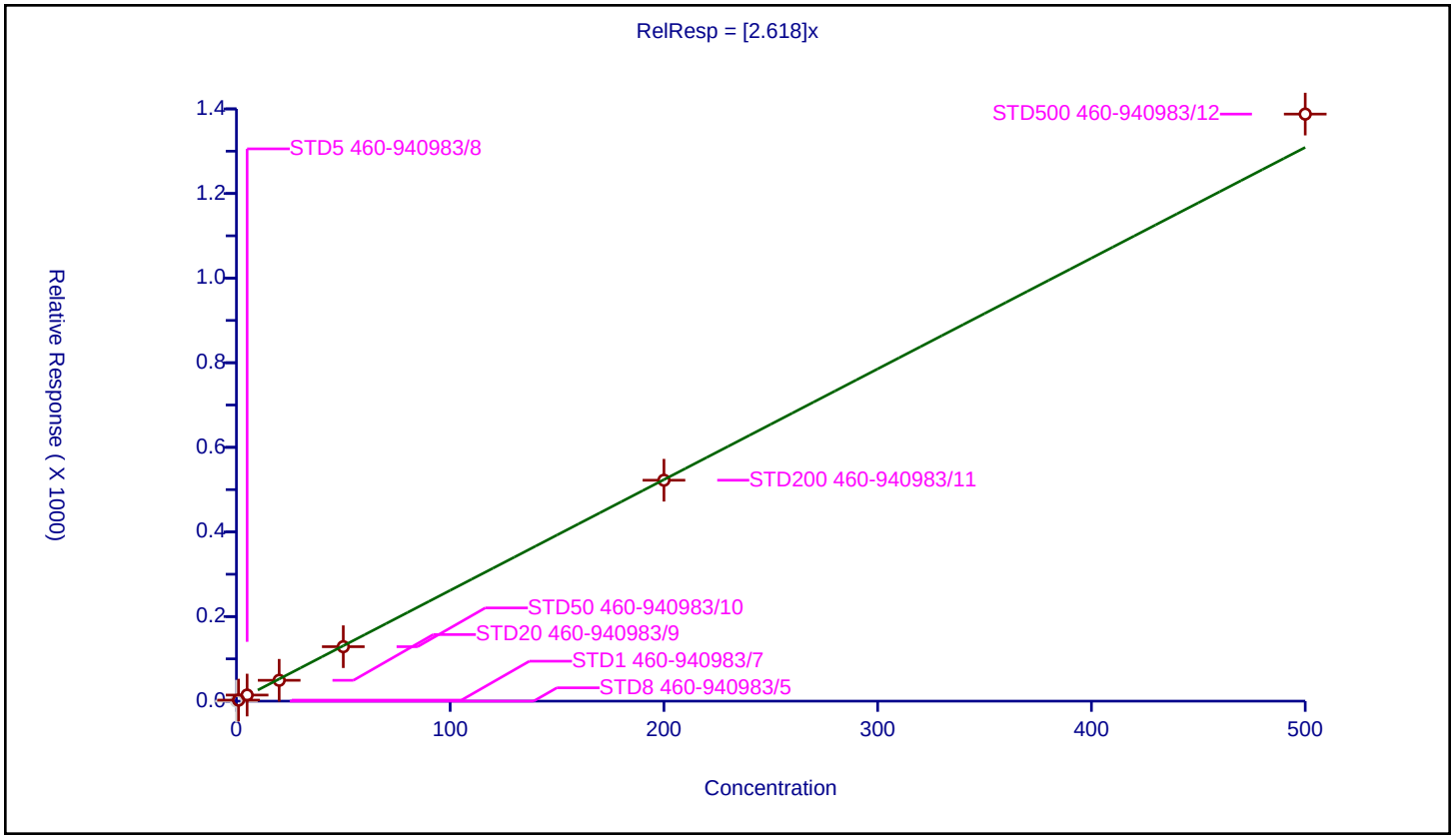
Curve Coefficients

Intercept:	0
Slope:	2.618

Error Coefficients

Standard Error:	4380000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.404593	50.0	258131.0	2.404593	Y
3	STD5 460-940983/8	5.0	14.392364	50.0	259259.0	2.878473	Y
4	STD20 460-940983/9	20.0	49.291248	50.0	267442.0	2.464562	Y
5	STD50 460-940983/10	50.0	128.690632	50.0	284267.0	2.573813	Y
6	STD200 460-940983/11	200.0	522.19785	50.0	311600.0	2.610989	Y
7	STD500 460-940983/12	500.0	1387.704911	50.0	331486.0	2.77541	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

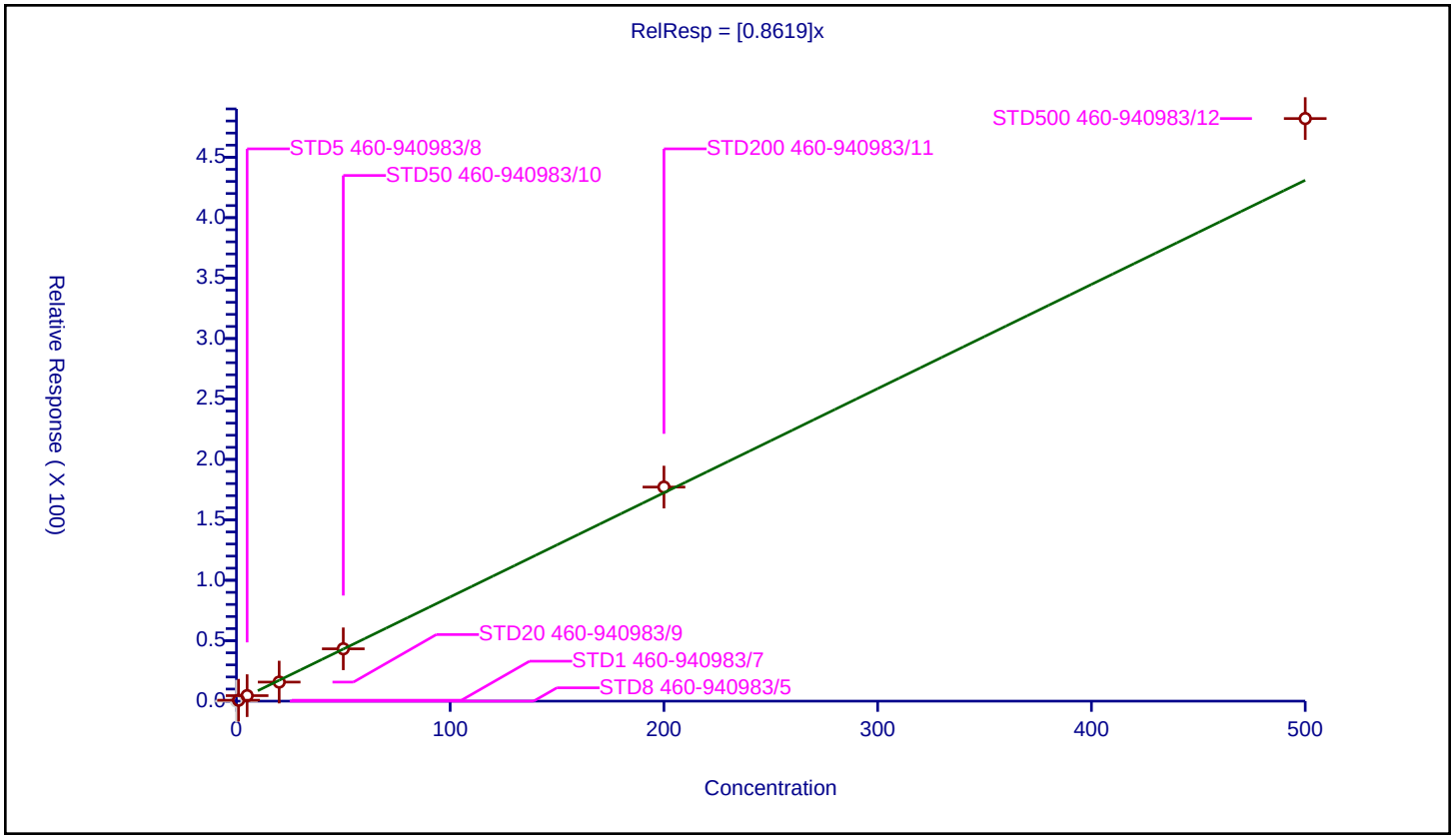
Curve Coefficients

Intercept:	0
Slope:	0.8619

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.759111	50.0	258131.0	0.759111	Y
3	STD5 460-940983/8	5.0	4.54179	50.0	259259.0	0.908358	Y
4	STD20 460-940983/9	20.0	15.776692	50.0	267442.0	0.788835	Y
5	STD50 460-940983/10	50.0	43.291166	50.0	284267.0	0.865823	Y
6	STD200 460-940983/11	200.0	177.1043	50.0	311600.0	0.885522	Y
7	STD500 460-940983/12	500.0	481.990944	50.0	331486.0	0.963982	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

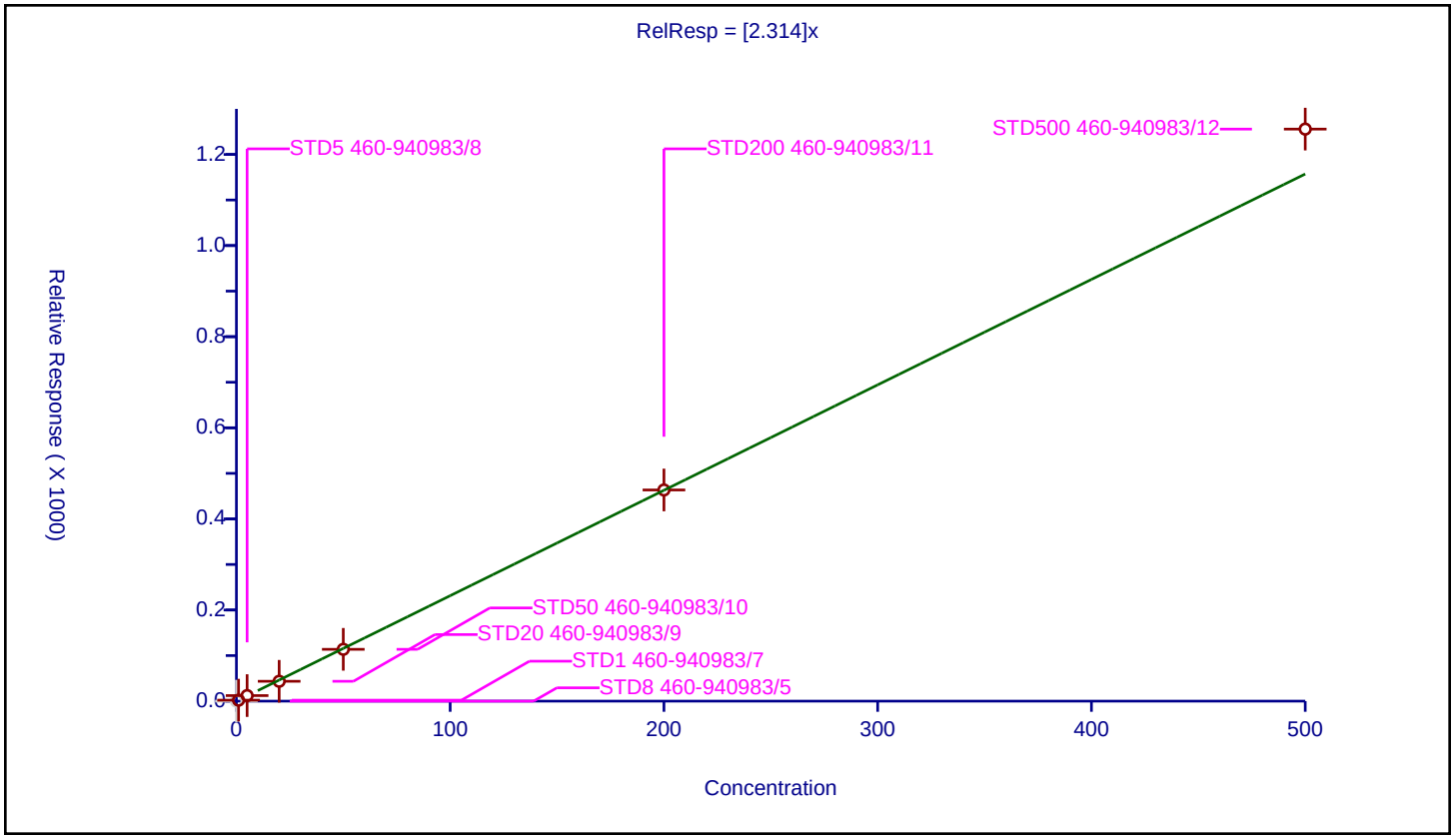
Curve Coefficients

Intercept:	0
Slope:	2.314

Error Coefficients

Standard Error:	3950000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.16208	50.0	258131.0	2.16208	Y
3	STD5 460-940983/8	5.0	12.199384	50.0	259259.0	2.439877	Y
4	STD20 460-940983/9	20.0	43.590199	50.0	267442.0	2.17951	Y
5	STD50 460-940983/10	50.0	113.728642	50.0	284267.0	2.274573	Y
6	STD200 460-940983/11	200.0	463.504172	50.0	311600.0	2.317521	Y
7	STD500 460-940983/12	500.0	1255.639454	50.0	331486.0	2.511279	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

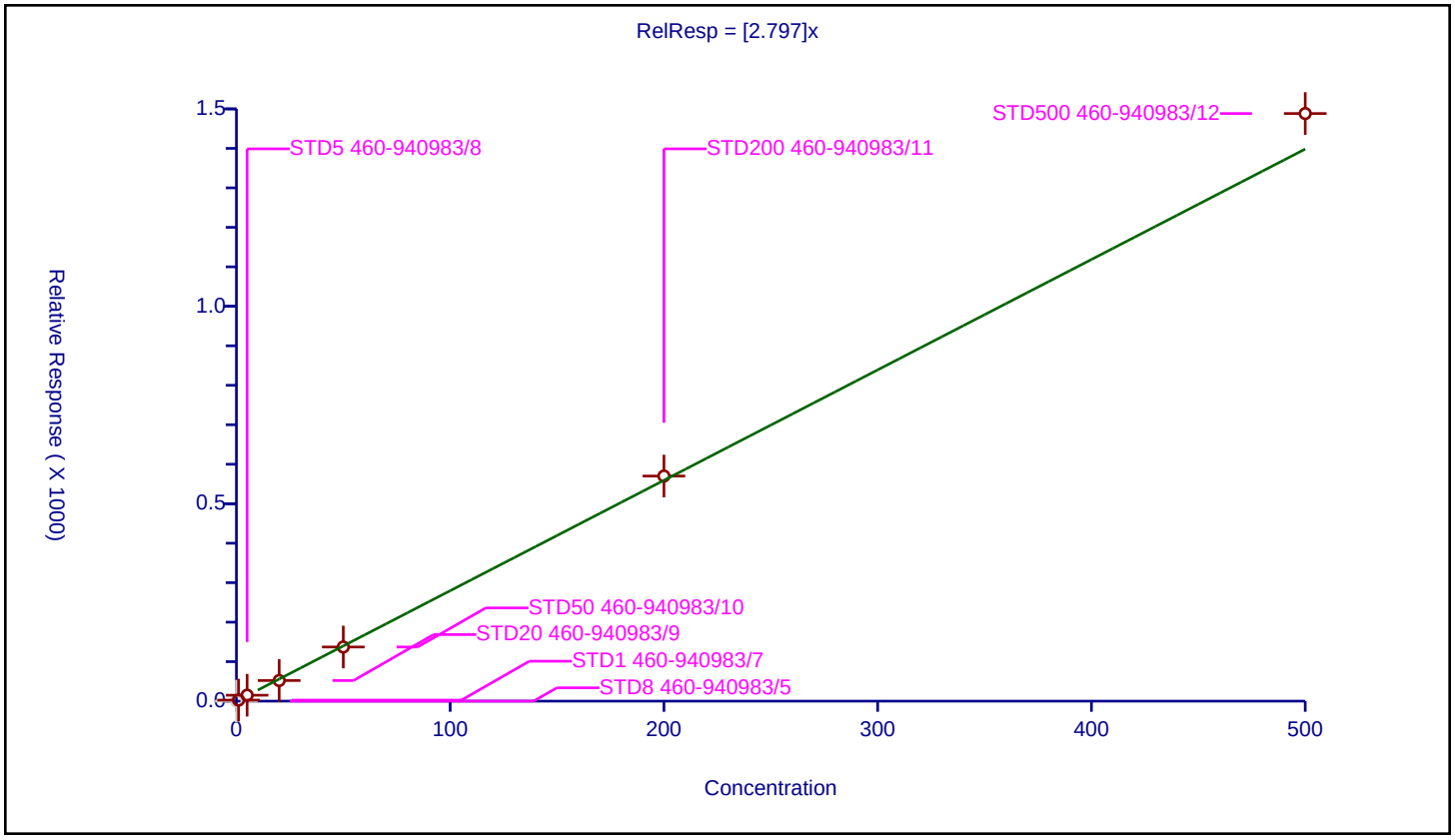
Curve Coefficients

Intercept:	0
Slope:	2.797

Error Coefficients

Standard Error:	4700000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.601586	50.0	258131.0	2.601586	Y
3	STD5 460-940983/8	5.0	14.994465	50.0	259259.0	2.998893	Y
4	STD20 460-940983/9	20.0	52.181408	50.0	267442.0	2.60907	Y
5	STD50 460-940983/10	50.0	137.128298	50.0	284267.0	2.742566	Y
6	STD200 460-940983/11	200.0	570.138318	50.0	311600.0	2.850692	Y
7	STD500 460-940983/12	500.0	1488.241434	50.0	331486.0	2.976483	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

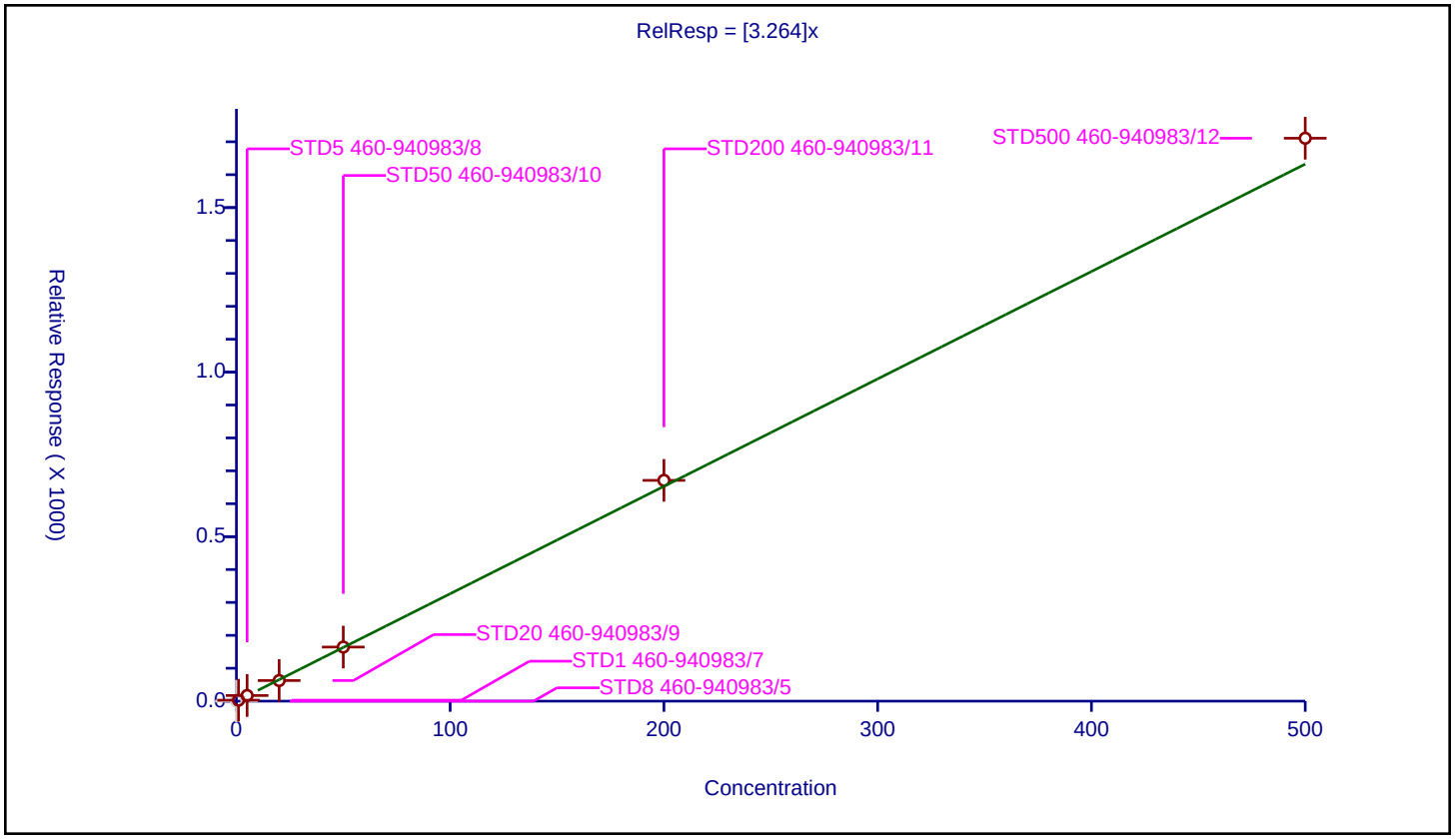
Curve Coefficients

Intercept:	0
Slope:	3.264

Error Coefficients

Standard Error:	5420000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.972715	50.0	258131.0	2.972715	Y
3	STD5 460-940983/8	5.0	17.097381	50.0	259259.0	3.419476	Y
4	STD20 460-940983/9	20.0	62.600115	50.0	267442.0	3.130006	Y
5	STD50 460-940983/10	50.0	164.389817	50.0	284267.0	3.287796	Y
6	STD200 460-940983/11	200.0	670.978177	50.0	311600.0	3.354891	Y
7	STD500 460-940983/12	500.0	1710.758825	50.0	331486.0	3.421518	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

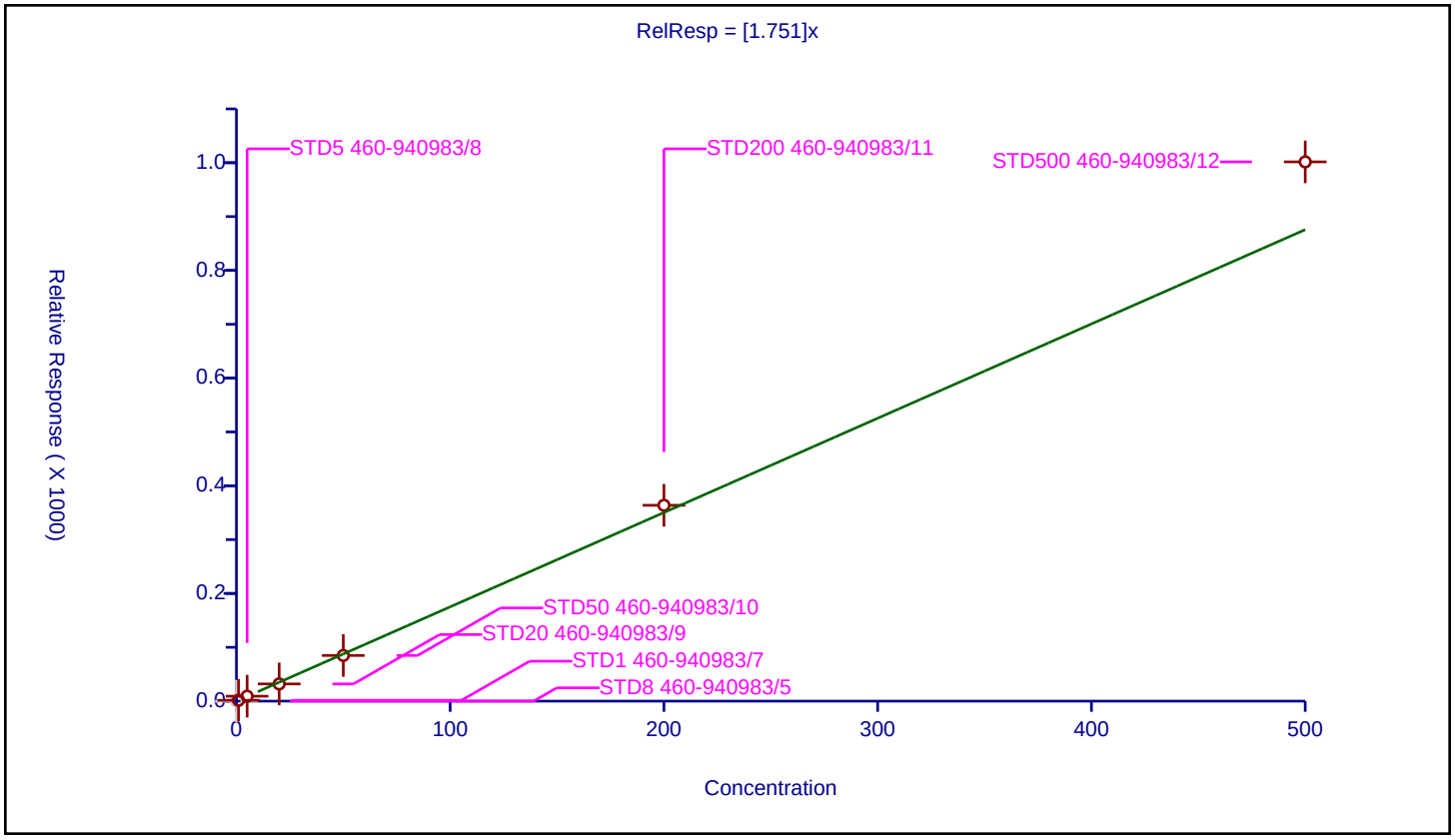
Curve Coefficients

Intercept:	0
Slope:	1.751

Error Coefficients

Standard Error:	3150000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.560642	50.0	258131.0	1.560642	Y
3	STD5 460-940983/8	5.0	9.166509	50.0	259259.0	1.833302	Y
4	STD20 460-940983/9	20.0	31.936457	50.0	267442.0	1.596823	Y
5	STD50 460-940983/10	50.0	84.795105	50.0	284267.0	1.695902	Y
6	STD200 460-940983/11	200.0	363.76027	50.0	311600.0	1.818801	Y
7	STD500 460-940983/12	500.0	1001.613794	50.0	331486.0	2.003228	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

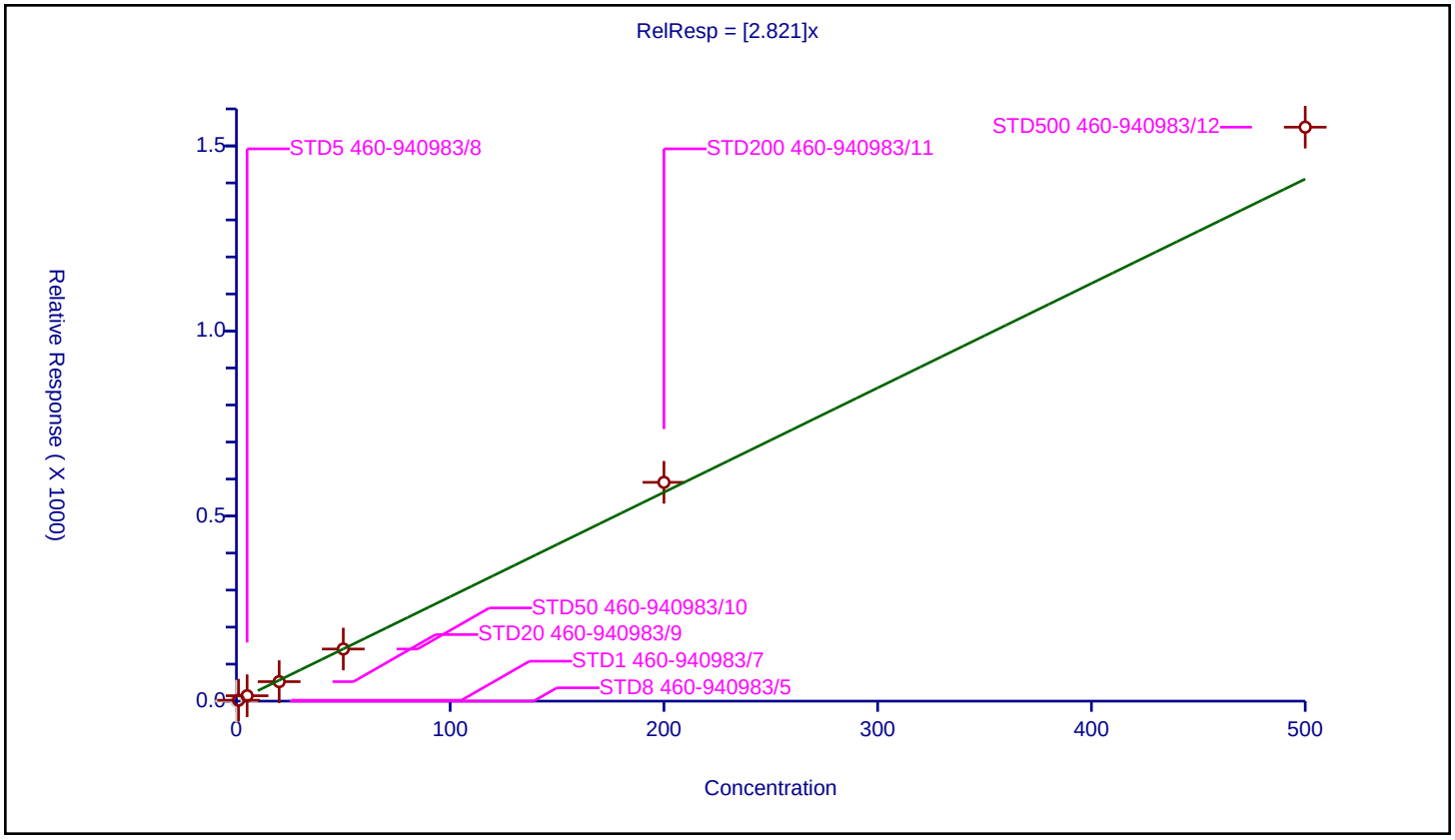
Curve Coefficients

Intercept:	0
Slope:	2.821

Error Coefficients

Standard Error:	4900000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.504736	50.0	258131.0	2.504736	Y
3	STD5 460-940983/8	5.0	14.583872	50.0	259259.0	2.916774	Y
4	STD20 460-940983/9	20.0	52.665064	50.0	267442.0	2.633253	Y
5	STD50 460-940983/10	50.0	140.74233	50.0	284267.0	2.814847	Y
6	STD200 460-940983/11	200.0	591.167202	50.0	311600.0	2.955836	Y
7	STD500 460-940983/12	500.0	1550.659606	50.0	331486.0	3.101319	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

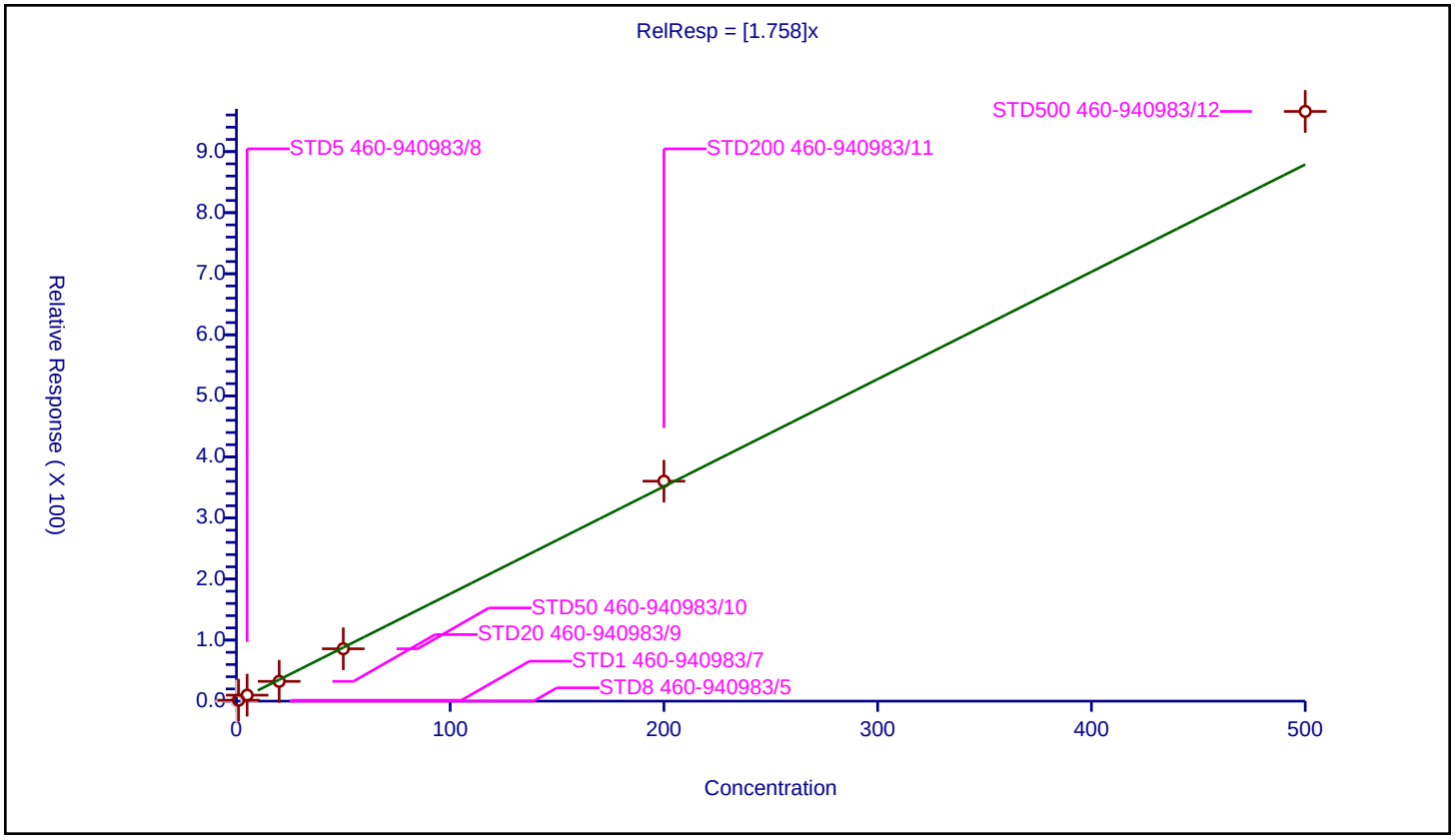
Curve Coefficients

Intercept:	0
Slope:	1.758

Error Coefficients

Standard Error:	3040000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.521902	50.0	258131.0	1.521902	Y
3	STD5 460-940983/8	5.0	9.789438	50.0	259259.0	1.957888	Y
4	STD20 460-940983/9	20.0	32.390574	50.0	267442.0	1.619529	Y
5	STD50 460-940983/10	50.0	85.742453	50.0	284267.0	1.714849	Y
6	STD200 460-940983/11	200.0	360.23267	50.0	311600.0	1.801163	Y
7	STD500 460-940983/12	500.0	965.853611	50.0	331486.0	1.931707	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

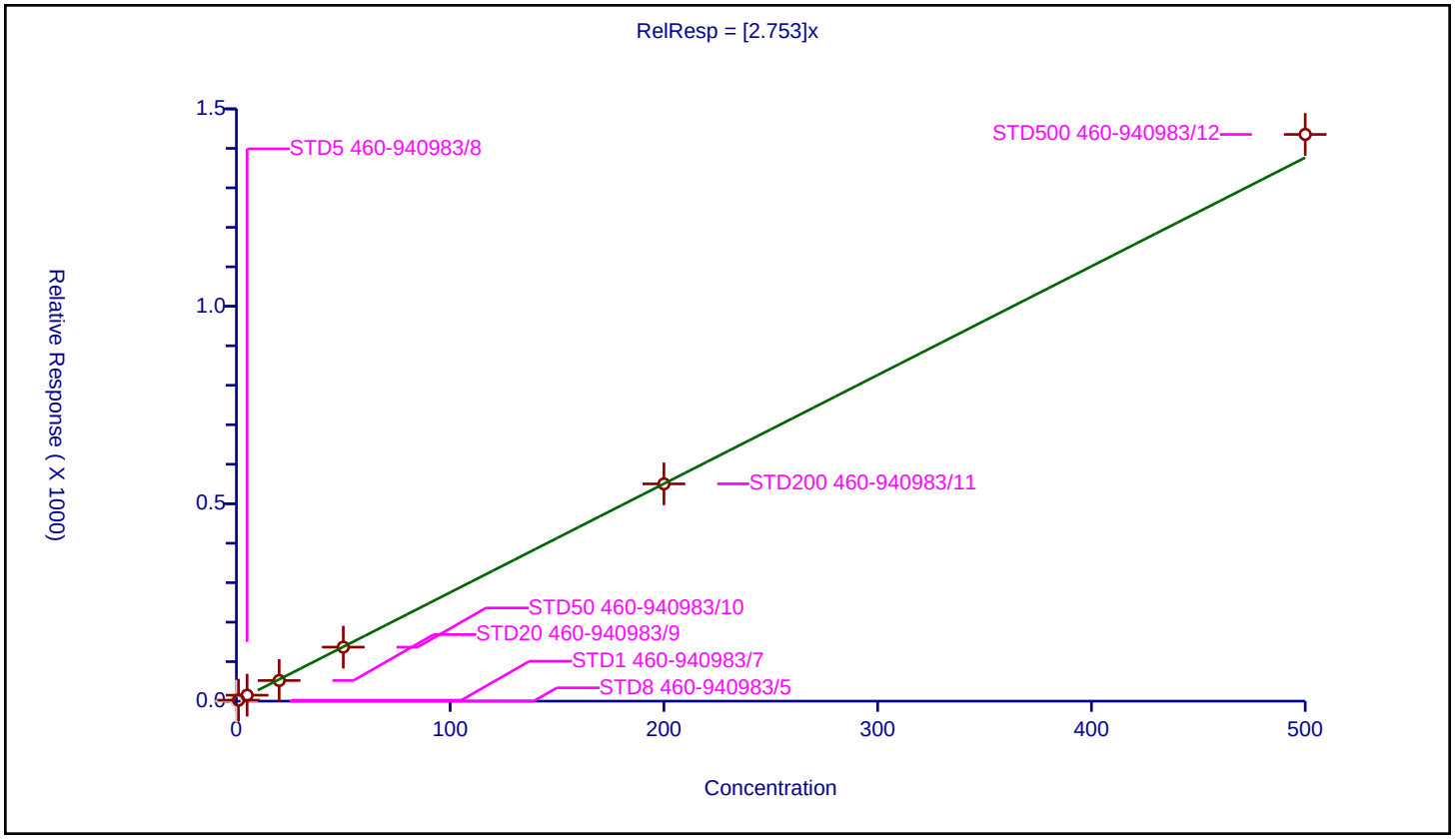
Curve Coefficients

Intercept:	0
Slope:	2.753

Error Coefficients

Standard Error:	4540000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.536696	50.0	258131.0	2.536696	Y
3	STD5 460-940983/8	5.0	15.065244	50.0	259259.0	3.013049	Y
4	STD20 460-940983/9	20.0	52.244786	50.0	267442.0	2.612239	Y
5	STD50 460-940983/10	50.0	136.760159	50.0	284267.0	2.735203	Y
6	STD200 460-940983/11	200.0	550.271662	50.0	311600.0	2.751358	Y
7	STD500 460-940983/12	500.0	1435.323362	50.0	331486.0	2.870647	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

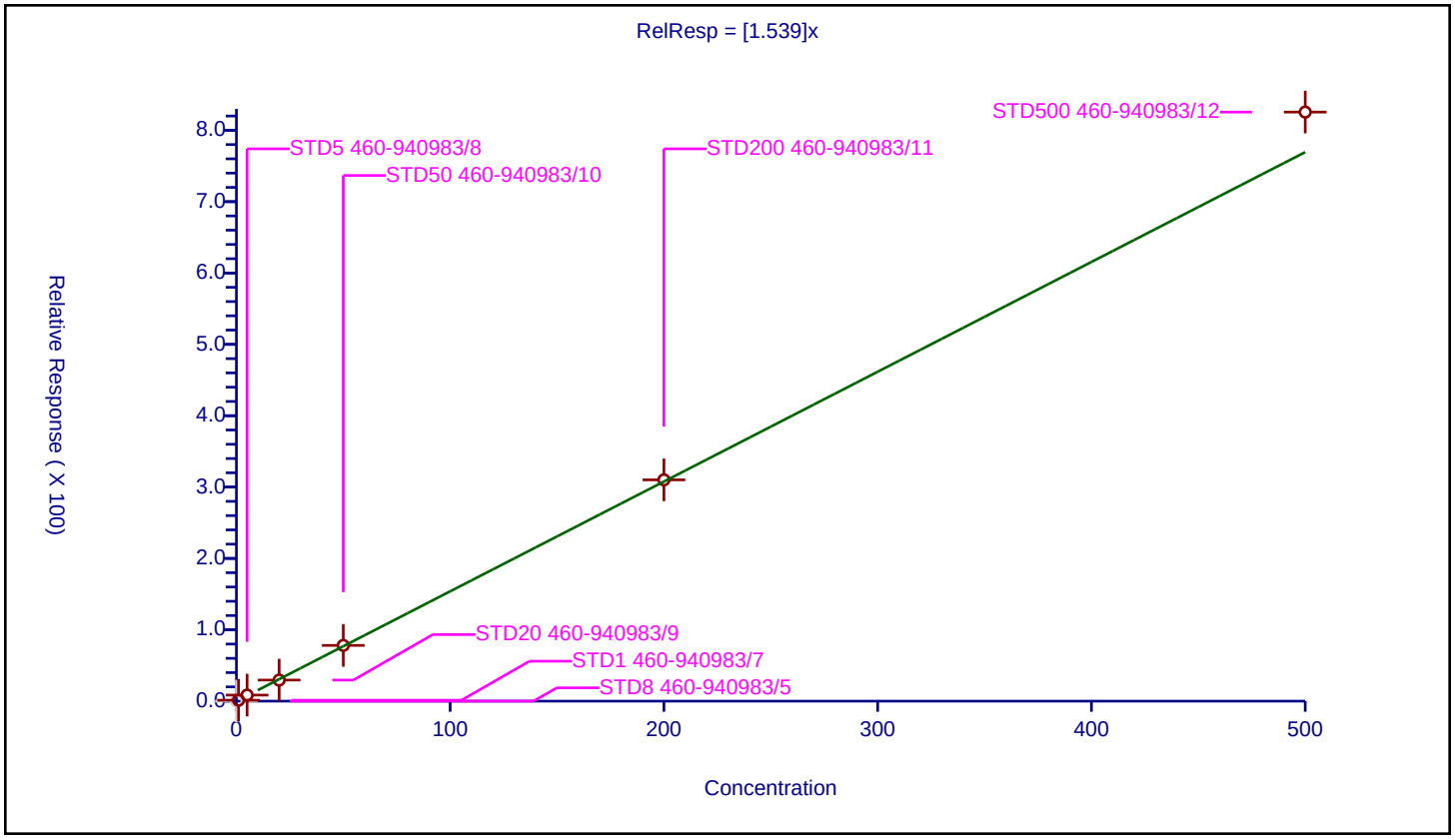
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.293336	50.0	258131.0	1.293336	Y
3	STD5 460-940983/8	5.0	8.491123	50.0	259259.0	1.698225	Y
4	STD20 460-940983/9	20.0	29.545845	50.0	267442.0	1.477292	Y
5	STD50 460-940983/10	50.0	78.096649	50.0	284267.0	1.561933	Y
6	STD200 460-940983/11	200.0	310.110719	50.0	311600.0	1.550554	Y
7	STD500 460-940983/12	500.0	825.50696	50.0	331486.0	1.651014	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

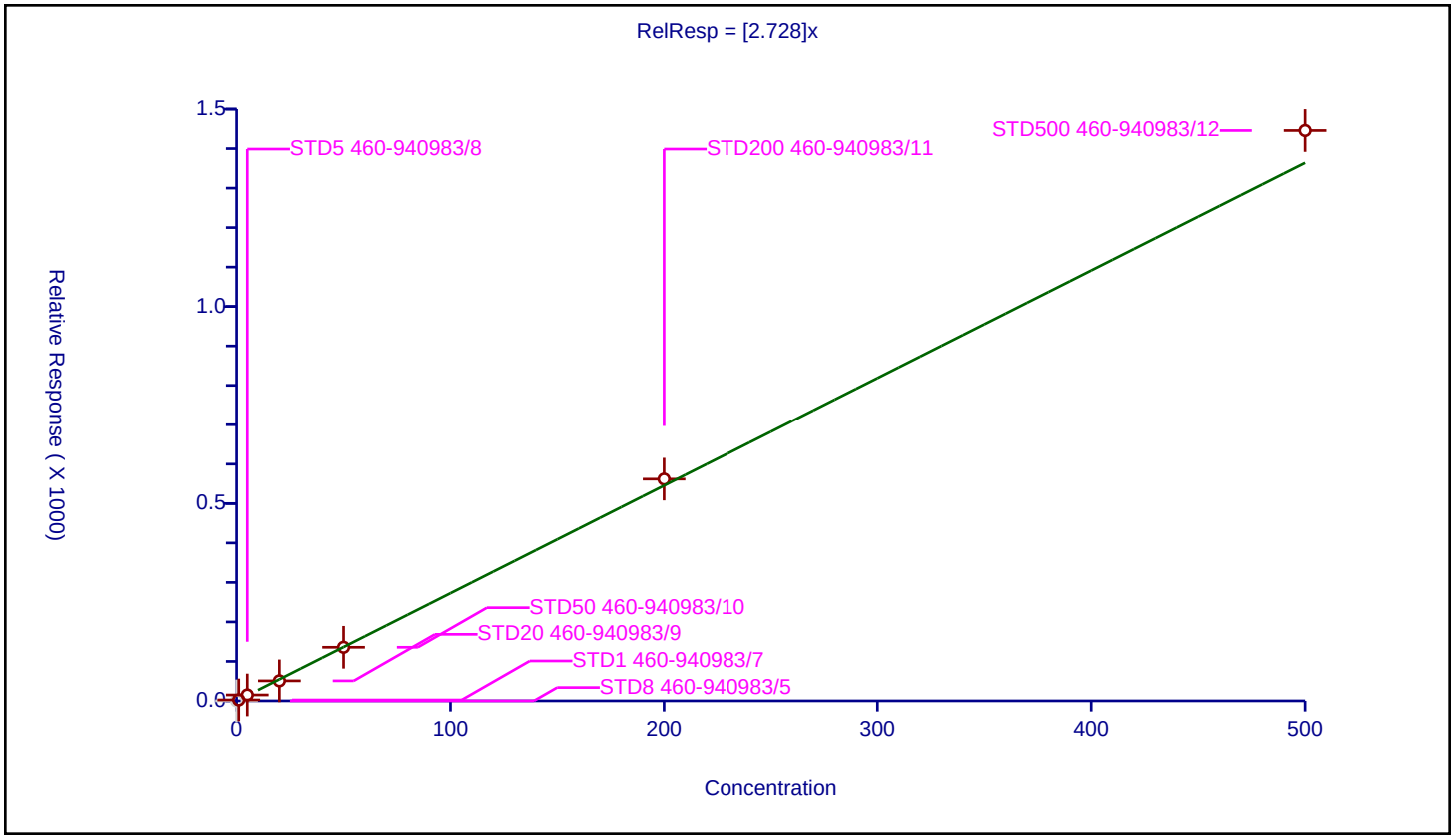
Curve Coefficients

Intercept:	0
Slope:	2.728

Error Coefficients

Standard Error:	4580000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	2.408661	50.0	258131.0	2.408661	Y
3	STD5 460-940983/8	5.0	15.023586	50.0	259259.0	3.004717	Y
4	STD20 460-940983/9	20.0	50.736795	50.0	267442.0	2.53684	Y
5	STD50 460-940983/10	50.0	135.849219	50.0	284267.0	2.716984	Y
6	STD200 460-940983/11	200.0	562.024872	50.0	311600.0	2.810124	Y
7	STD500 460-940983/12	500.0	1445.840397	50.0	331486.0	2.891681	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

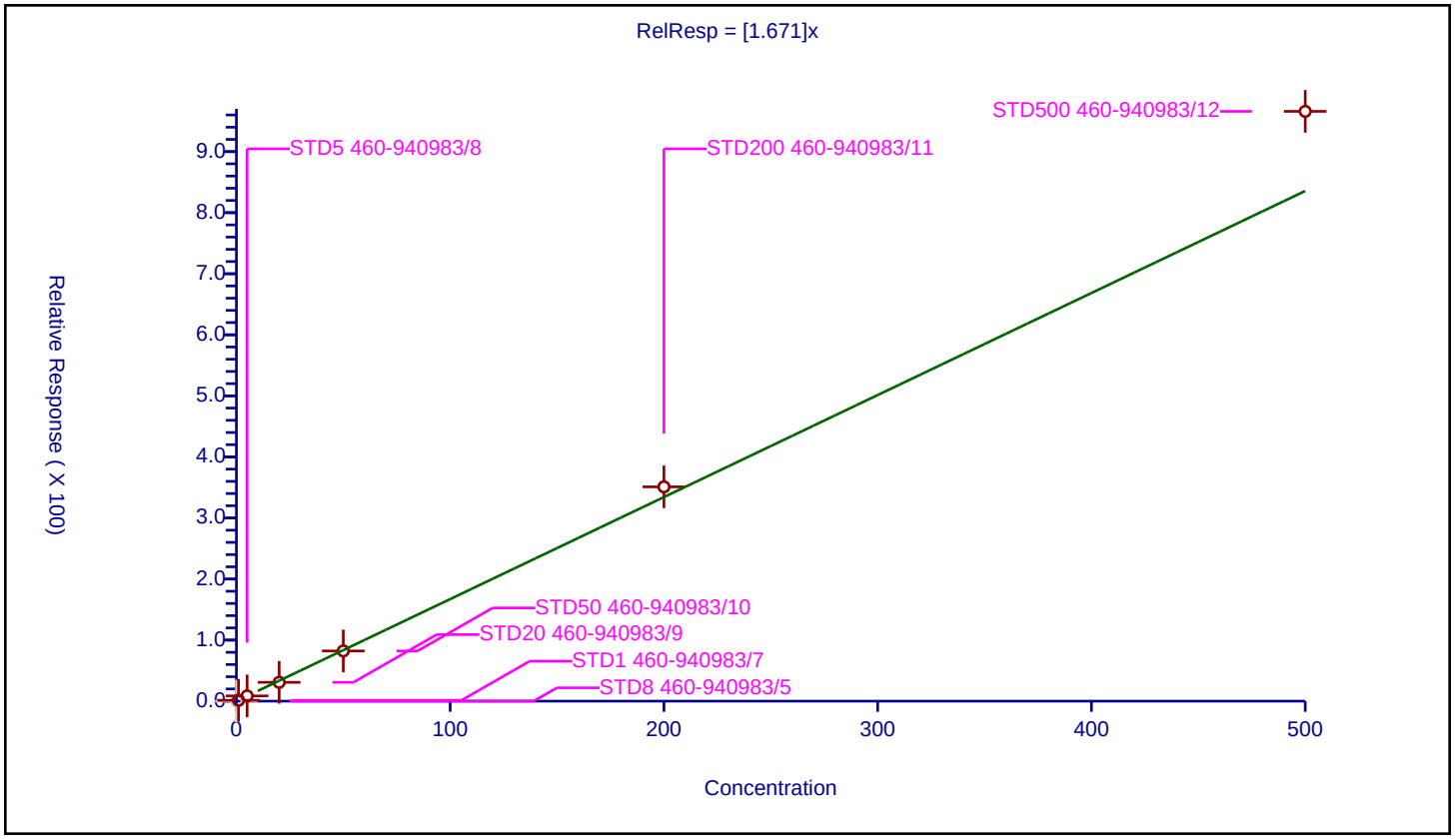
Curve Coefficients

Intercept:	0
Slope:	1.671

Error Coefficients

Standard Error:	3030000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.437642	50.0	258131.0	1.437642	Y
3	STD5 460-940983/8	5.0	8.581187	50.0	259259.0	1.716237	Y
4	STD20 460-940983/9	20.0	30.835845	50.0	267442.0	1.541792	Y
5	STD50 460-940983/10	50.0	82.206693	50.0	284267.0	1.644134	Y
6	STD200 460-940983/11	200.0	350.983954	50.0	311600.0	1.75492	Y
7	STD500 460-940983/12	500.0	965.935665	50.0	331486.0	1.931871	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

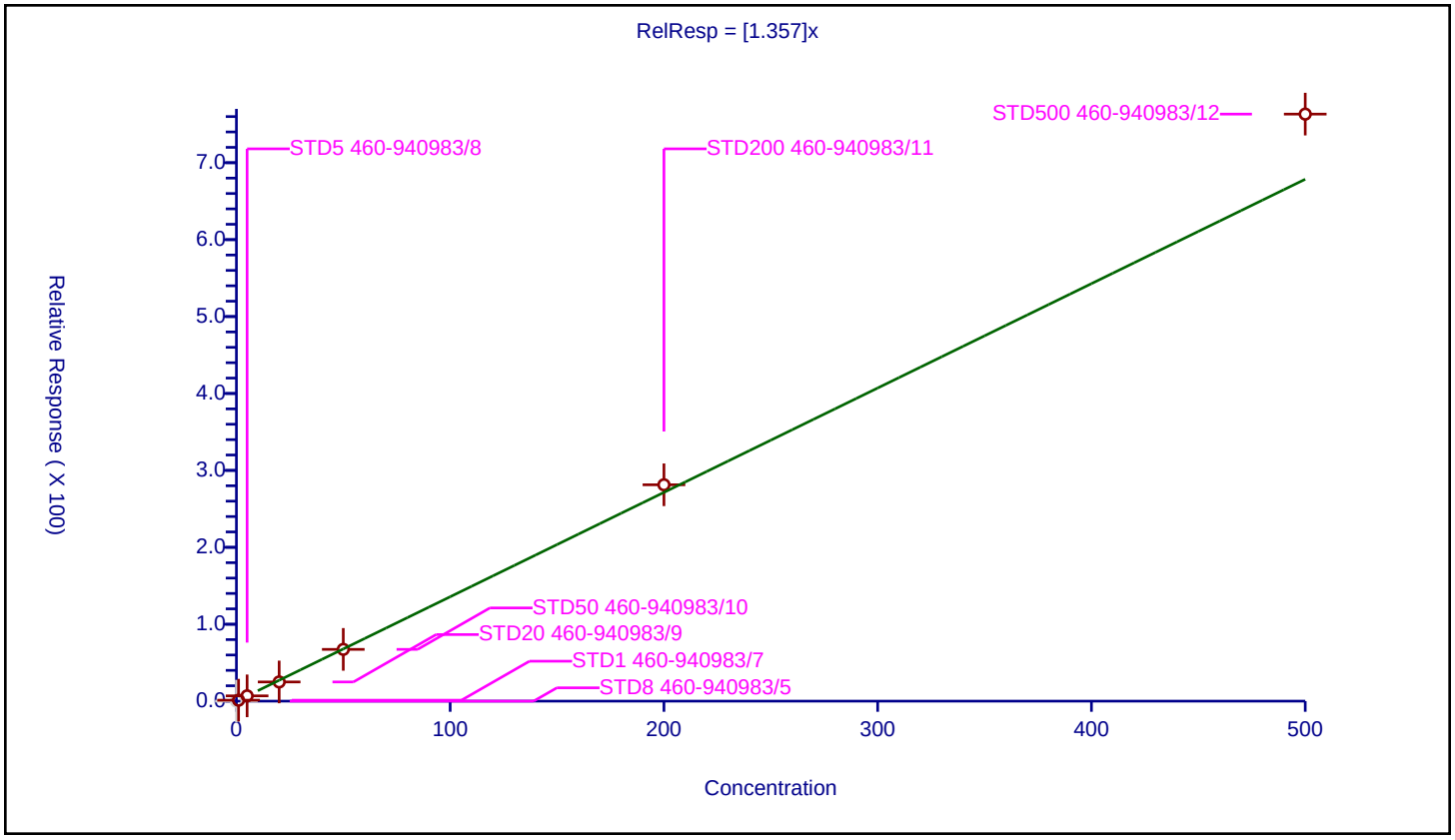
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.2391	50.0	258131.0	1.2391	Y
3	STD5 460-940983/8	5.0	6.885393	50.0	259259.0	1.377079	Y
4	STD20 460-940983/9	20.0	24.942044	50.0	267442.0	1.247102	Y
5	STD50 460-940983/10	50.0	67.295184	50.0	284267.0	1.345904	Y
6	STD200 460-940983/11	200.0	281.314185	50.0	311600.0	1.406571	Y
7	STD500 460-940983/12	500.0	763.19739	50.0	331486.0	1.526395	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

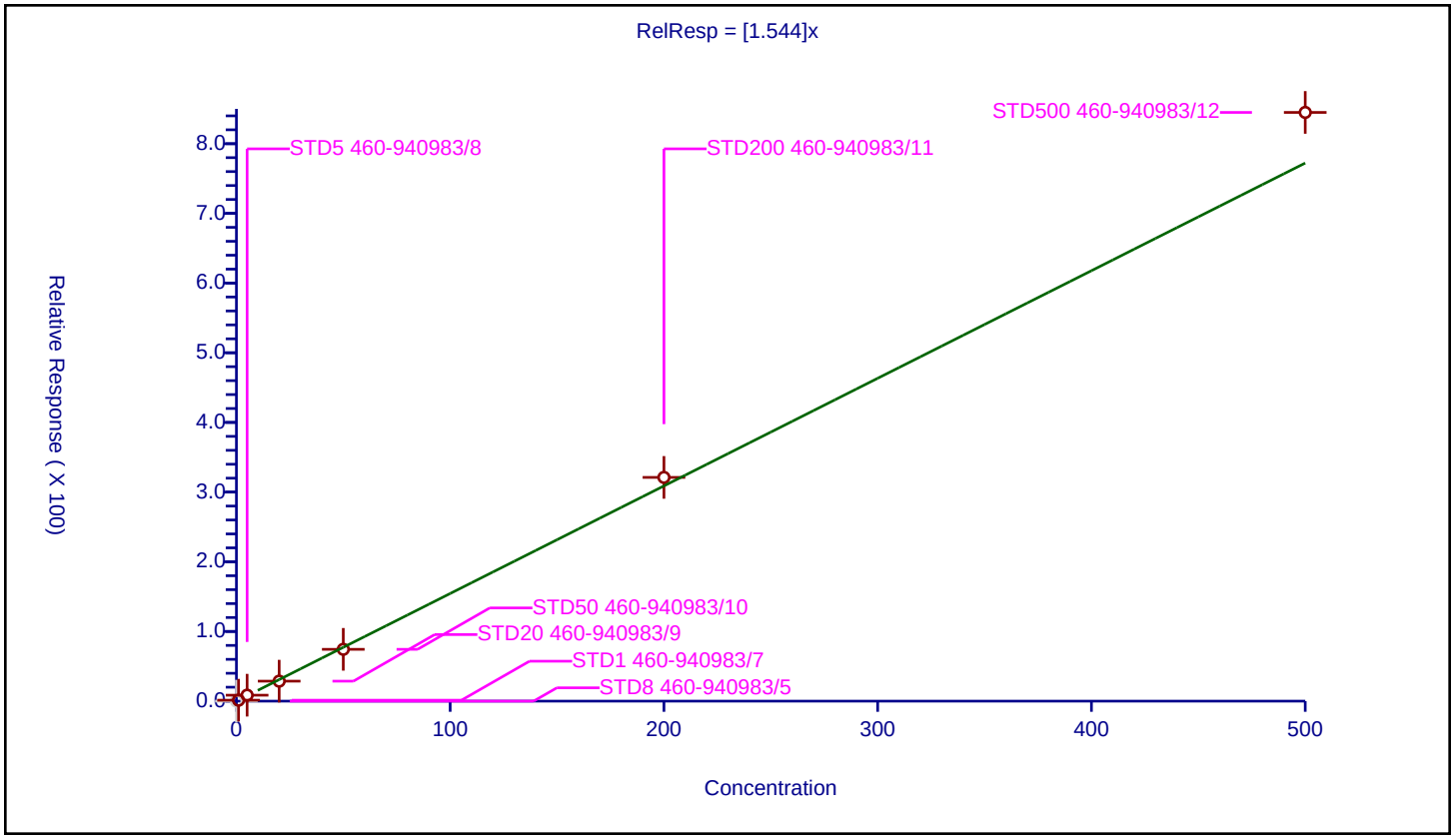
Curve Coefficients

Intercept:	0
Slope:	1.544

Error Coefficients

Standard Error:	2670000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.340405	50.0	258131.0	1.340405	Y
3	STD5 460-940983/8	5.0	8.546666	50.0	259259.0	1.709333	Y
4	STD20 460-940983/9	20.0	28.683042	50.0	267442.0	1.434152	Y
5	STD50 460-940983/10	50.0	74.37972	50.0	284267.0	1.487594	Y
6	STD200 460-940983/11	200.0	321.122754	50.0	311600.0	1.605614	Y
7	STD500 460-940983/12	500.0	844.932667	50.0	331486.0	1.689865	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

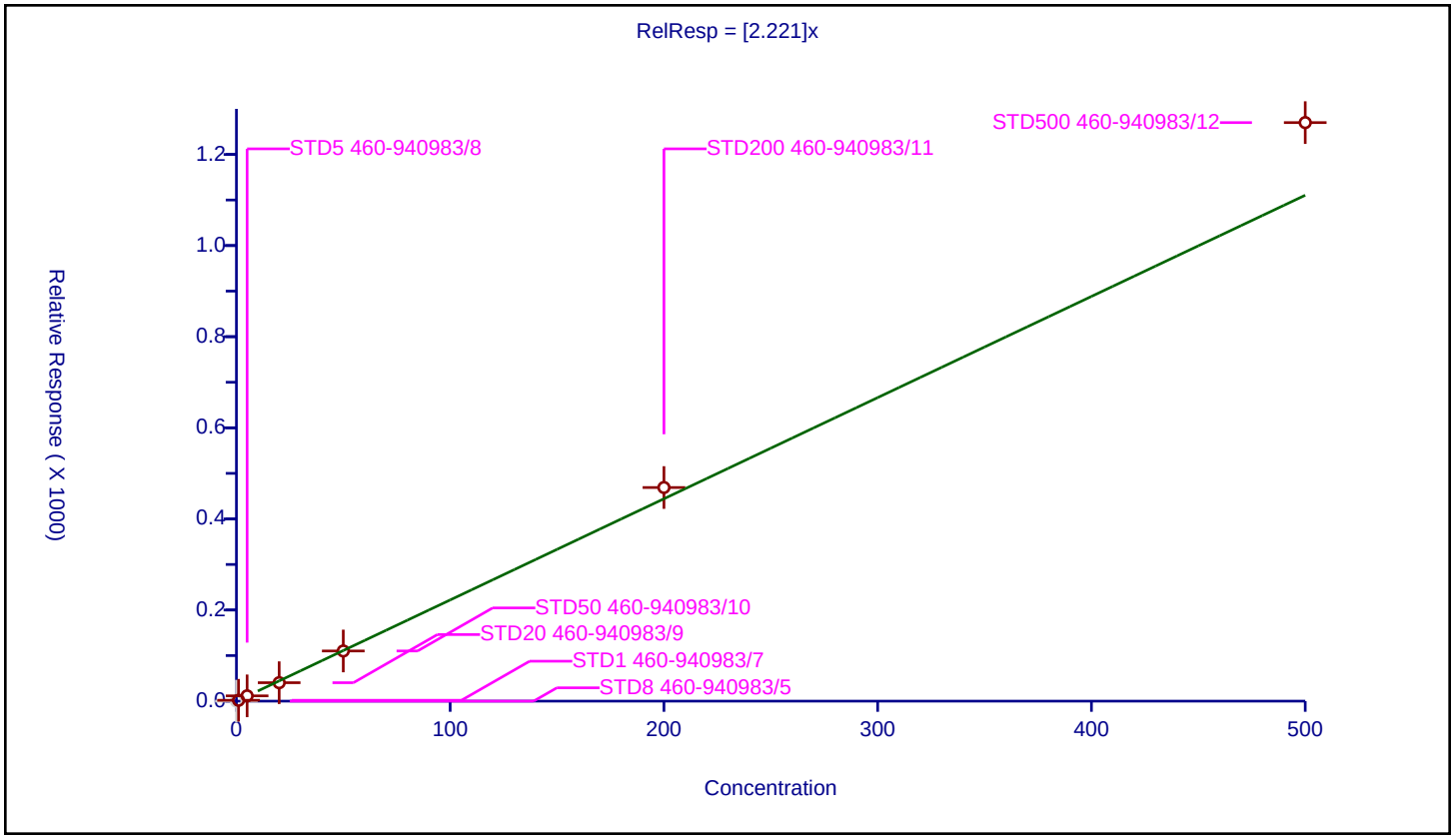
Curve Coefficients

Intercept:	0
Slope:	2.221

Error Coefficients

Standard Error:	4000000
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.887801	50.0	258131.0	1.887801	Y
3	STD5 460-940983/8	5.0	11.633154	50.0	259259.0	2.326631	Y
4	STD20 460-940983/9	20.0	40.480927	50.0	267442.0	2.024046	Y
5	STD50 460-940983/10	50.0	110.135014	50.0	284267.0	2.2027	Y
6	STD200 460-940983/11	200.0	468.921374	50.0	311600.0	2.344607	Y
7	STD500 460-940983/12	500.0	1269.914265	50.0	331486.0	2.539829	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

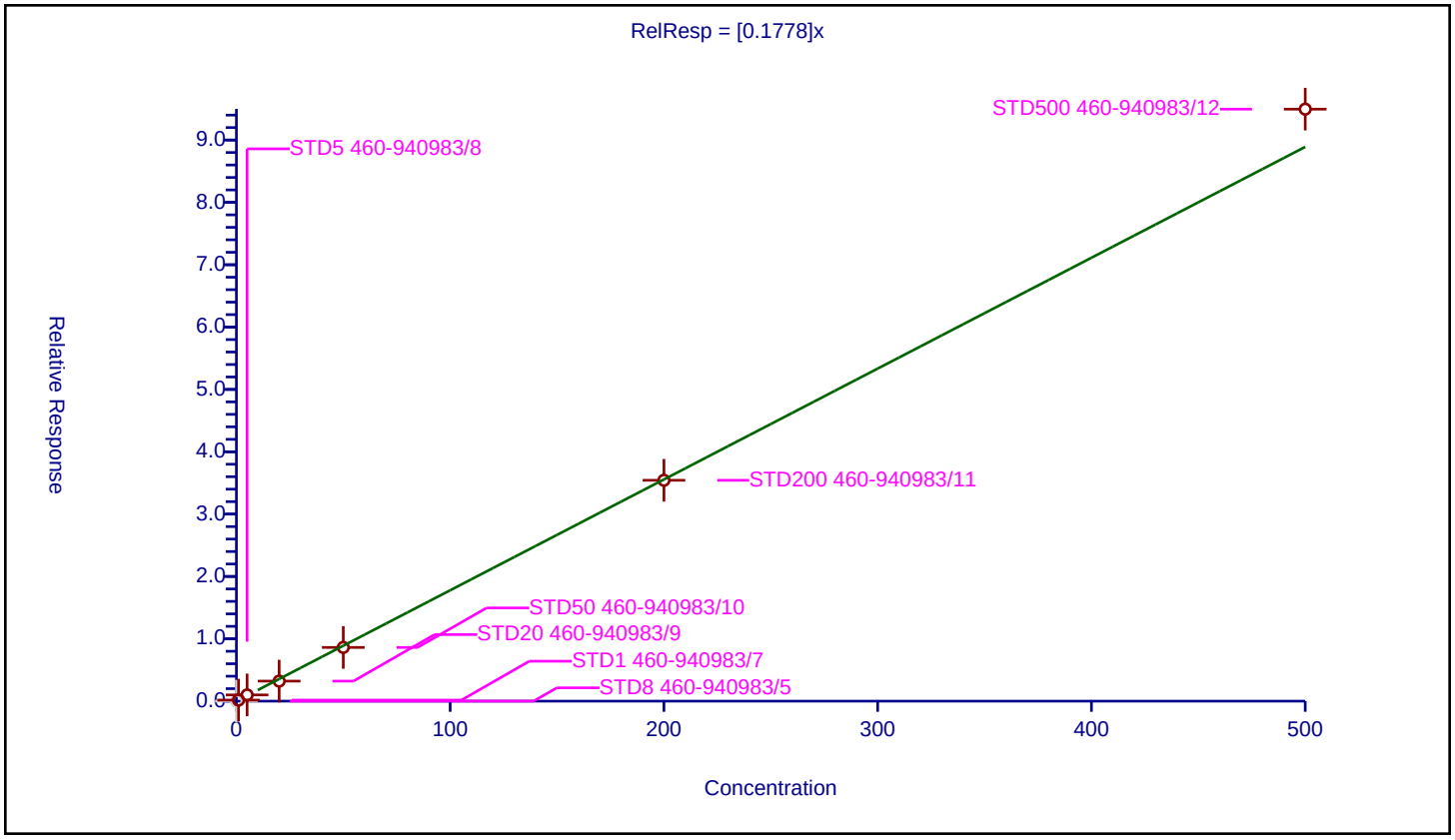
Curve Coefficients

Intercept:	0
Slope:	0.1778

Error Coefficients

Standard Error:	299000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.166969	50.0	258131.0	0.166969	Y
3	STD5 460-940983/8	5.0	0.999387	50.0	259259.0	0.199877	Y
4	STD20 460-940983/9	20.0	3.21322	50.0	267442.0	0.160661	Y
5	STD50 460-940983/10	50.0	8.613205	50.0	284267.0	0.172264	Y
6	STD200 460-940983/11	200.0	35.427632	50.0	311600.0	0.177138	Y
7	STD500 460-940983/12	500.0	94.95665	50.0	331486.0	0.189913	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

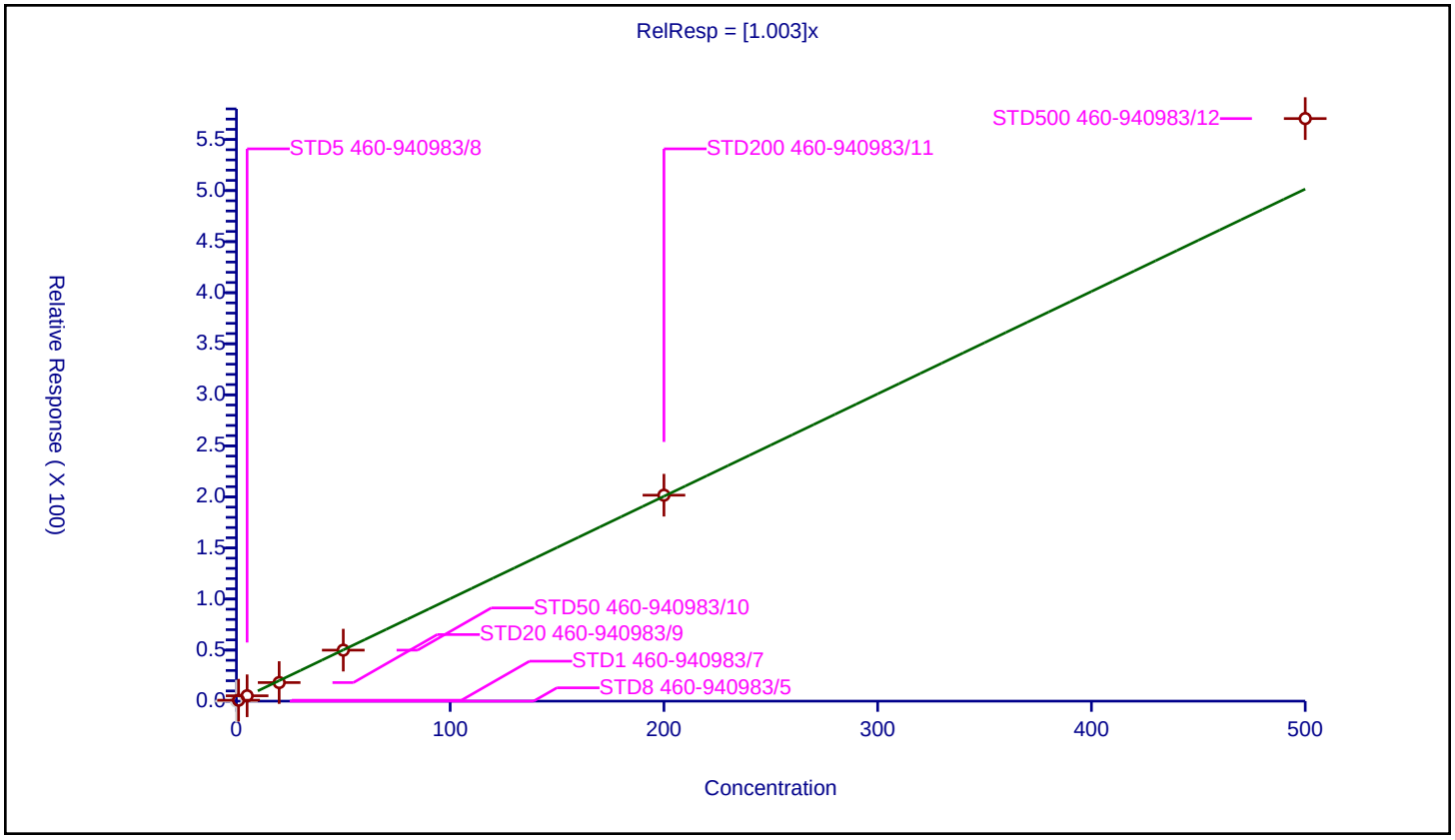
Curve Coefficients

Intercept:	0
Slope:	1.003

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	8.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.910003	50.0	258131.0	0.910003	Y
3	STD5 460-940983/8	5.0	5.25382	50.0	259259.0	1.050764	Y
4	STD20 460-940983/9	20.0	18.185438	50.0	267442.0	0.909272	Y
5	STD50 460-940983/10	50.0	49.927533	50.0	284267.0	0.998551	Y
6	STD200 460-940983/11	200.0	201.682766	50.0	311600.0	1.008414	Y
7	STD500 460-940983/12	500.0	570.494229	50.0	331486.0	1.140988	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

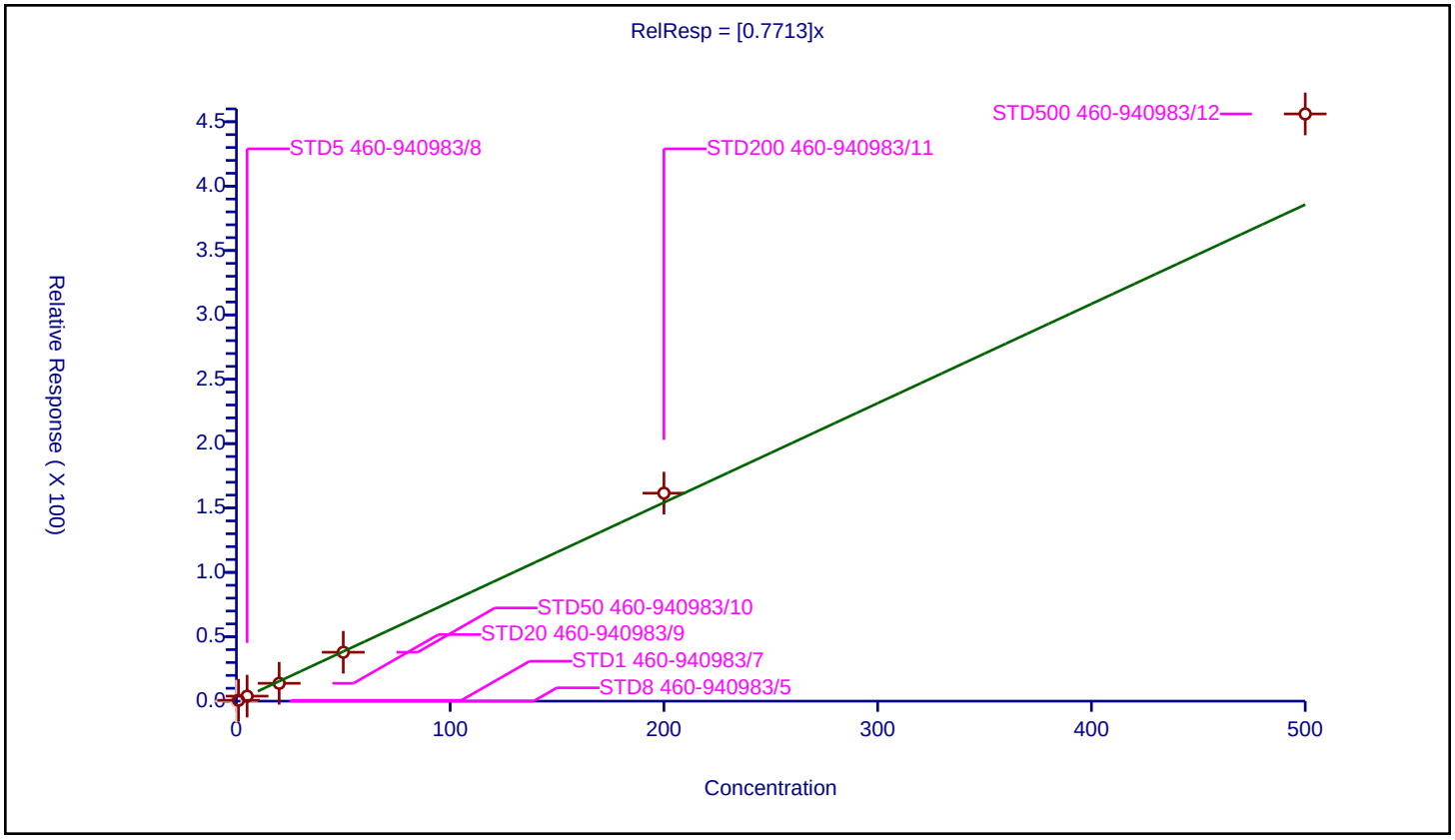
Curve Coefficients

Intercept:	0
Slope:	0.7713

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	11.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.676594	50.0	258131.0	0.676594	Y
3	STD5 460-940983/8	5.0	3.897261	50.0	259259.0	0.779452	Y
4	STD20 460-940983/9	20.0	13.855528	50.0	267442.0	0.692776	Y
5	STD50 460-940983/10	50.0	37.972047	50.0	284267.0	0.759441	Y
6	STD200 460-940983/11	200.0	161.531611	50.0	311600.0	0.807658	Y
7	STD500 460-940983/12	500.0	456.078537	50.0	331486.0	0.912157	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

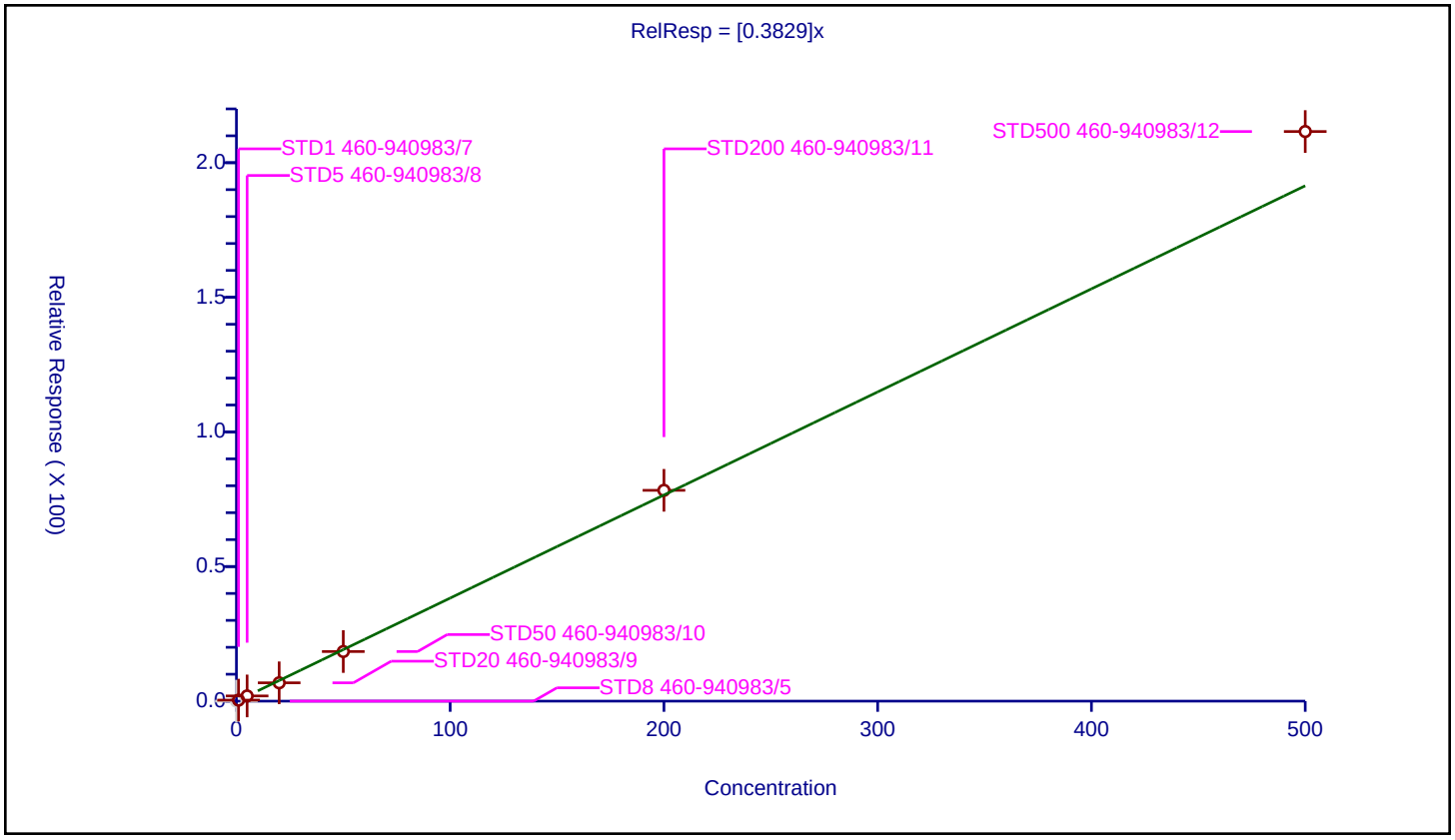
Curve Coefficients

Intercept:	0
Slope:	0.3829

Error Coefficients

Standard Error:	666000
Relative Standard Error:	7.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.385657	50.0	258131.0	0.385657	Y
3	STD5 460-940983/8	5.0	1.938023	50.0	259259.0	0.387605	Y
4	STD20 460-940983/9	20.0	6.81157	50.0	267442.0	0.340579	Y
5	STD50 460-940983/10	50.0	18.431088	50.0	284267.0	0.368622	Y
6	STD200 460-940983/11	200.0	78.310655	50.0	311600.0	0.391553	Y
7	STD500 460-940983/12	500.0	211.593551	50.0	331486.0	0.423187	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

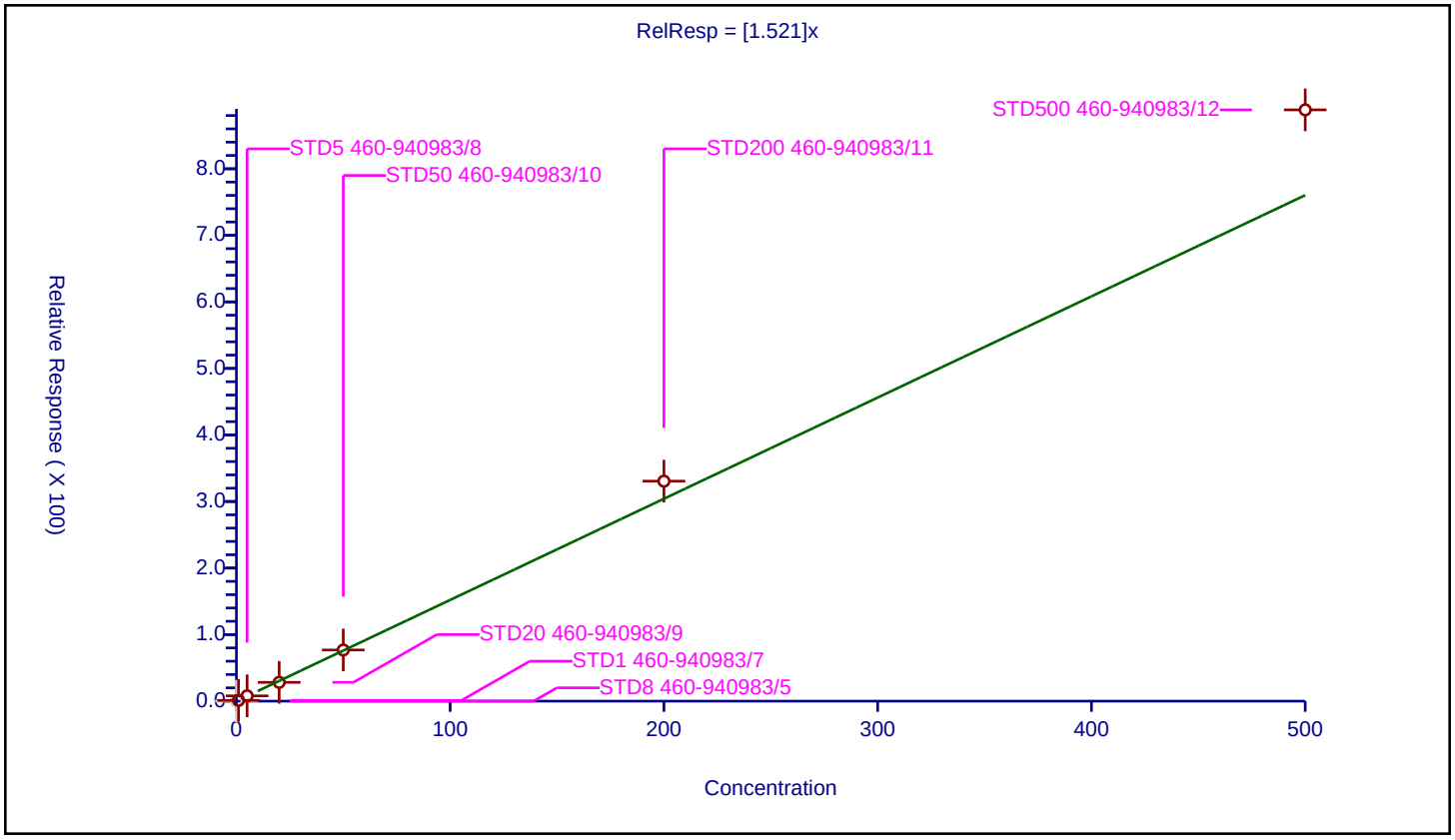
Curve Coefficients

Intercept:	0
Slope:	1.521

Error Coefficients

Standard Error:	2800000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	1.152516	50.0	258131.0	1.152516	Y
3	STD5 460-940983/8	5.0	7.955751	50.0	259259.0	1.59115	Y
4	STD20 460-940983/9	20.0	28.253229	50.0	267442.0	1.412661	Y
5	STD50 460-940983/10	50.0	76.855034	50.0	284267.0	1.537101	Y
6	STD200 460-940983/11	200.0	330.594994	50.0	311600.0	1.652975	Y
7	STD500 460-940983/12	500.0	888.499514	50.0	331486.0	1.776999	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

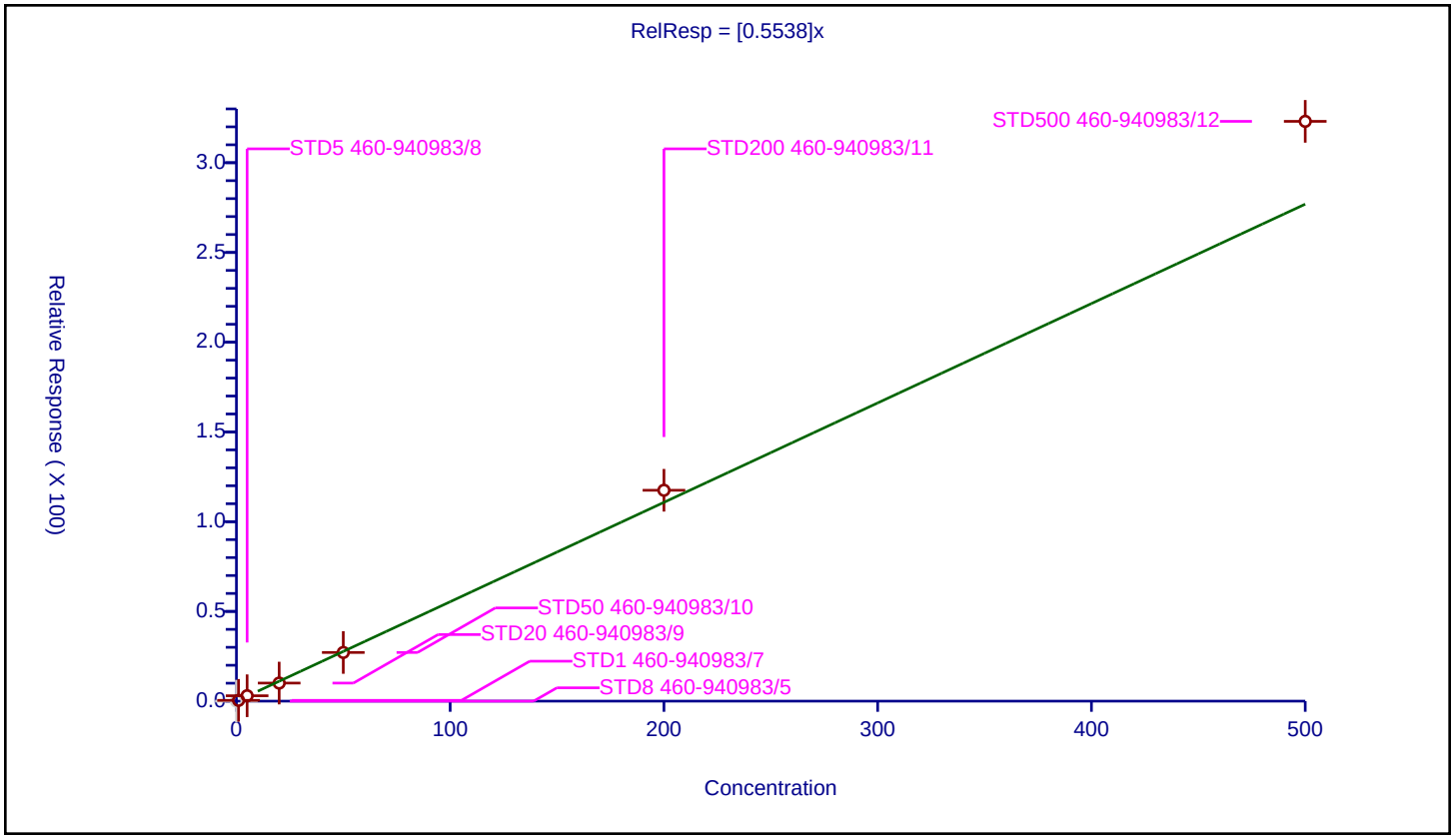
Curve Coefficients

Intercept:	0
Slope:	0.5538

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	13.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-940983/5	0.0	0.0	50.0	225364.0	NaN	N
2	STD1 460-940983/7	1.0	0.442992	50.0	258131.0	0.442992	Y
3	STD5 460-940983/8	5.0	3.003367	50.0	259259.0	0.600673	Y
4	STD20 460-940983/9	20.0	10.06536	50.0	267442.0	0.503268	Y
5	STD50 460-940983/10	50.0	27.126434	50.0	284267.0	0.542529	Y
6	STD200 460-940983/11	200.0	117.499037	50.0	311600.0	0.587495	Y
7	STD500 460-940983/12	500.0	323.05301	50.0	331486.0	0.646106	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
Monochloropentafluoroethane	QuaF		0.0384		45.2	20.0	125.9*	30.0
Chlorotrifluoroethene	QuaF		0.1586		39.6	20.0	98.1*	30.0
1,1-Difluoroethane	Ave	0.1460	0.1808		24.8	20.0	23.8	30.0
Dichlorodifluoromethane	Ave	0.4102	0.5518	0.1000	26.9	20.0	34.5*	30.0
Chlorodifluoromethane	Ave	0.0579	0.0553		19.1	20.0	-4.6	30.0
Chloromethane	Ave	0.4003	0.4983	0.1000	24.9	20.0	24.5	30.0
Vinyl chloride	Ave	0.5068	0.6148	0.1000	24.3	20.0	21.3	30.0
Butadiene	Lin2		0.5436		23.8	20.0	19.1	30.0
Bromomethane	Ave	0.3164	0.3322	0.1000	21.0	20.0	5.0	30.0
Chloroethane	Ave	2.897	2.927	0.1000	20.2	20.0	1.0	30.0
Dichlorofluoromethane	Ave	0.6895	0.7381		21.4	20.0	7.0	30.0
Trichlorofluoromethane	Ave	0.5824	0.6859	0.1000	23.6	20.0	17.8	30.0
Pentane	Ave	0.0375	0.0317		33.8	40.0	-15.6	30.0
Ethanol	Ave	0.4211	0.3853		732	800	-8.5	30.0
Ethyl ether	Ave	0.2427	0.1995		16.4	20.0	-17.8	30.0
2-Methyl-1,3-butadiene	Ave	0.2203	0.2160		19.6	20.0	-1.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3220	0.3267		20.3	20.0	1.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5071	0.5354		21.1	20.0	5.6	30.0
Freon TF	Ave	0.3193	0.3039	0.1000	19.0	20.0	-4.8	30.0
Acrolein	Ave	0.0489	0.0452		36.5	39.5	-7.6	30.0
1,1-Dichloroethene	Ave	0.2765	0.2348	0.1000	17.0	20.0	-15.1	30.0
Acetone	Ave	0.8181	0.6847	0.0500	83.7	100	-16.3	30.0
Iodomethane	Lin2		0.2952		14.8	20.0	-25.9	30.0
Isopropyl alcohol	Ave	4.786	4.308		180	200	-10.0	30.0
Carbon disulfide	Ave	0.5973	0.3778	0.1000	12.6	20.0	-36.8*	30.0
3-Chloro-1-propene	Ave	0.1798	0.1608		17.9	20.0	-10.6	30.0
Methyl acetate	Ave	0.1833	0.1704	0.1000	37.2	40.0	-7.0	30.0
Cyclopentene	Ave	0.4842	0.4656		19.2	20.0	-3.8	30.0
Acetonitrile	Ave	0.3320	0.2827		170	200	-14.8	30.0
Methylene Chloride	Ave	0.3591	0.3060	0.1000	17.0	20.0	-14.8	30.0
2-Methyl-2-propanol	Ave	8.593	7.642		178	200	-11.1	30.0
MTBE	Ave	0.8211	0.7730	0.1000	18.8	20.0	-5.9	30.0
trans-1,2-Dichloroethene	Ave	0.3254	0.2671	0.1000	16.4	20.0	-17.9	30.0
Acrylonitrile	QuaF		0.0973		197	200	-1.7	30.0
Hexane	Ave	0.2508	0.1833		14.6	20.0	-26.9	30.0
Isopropyl ether	Ave	0.8491	0.8477		20.0	20.0	-0.2	30.0
1,1-Dichloroethane	Ave	0.5631	0.5316	0.2000	18.9	20.0	-5.6	30.0
Vinyl acetate	Ave	0.6395	0.6146		38.4	40.0	-3.9	30.0
2-Chloro-1,3-butadiene	Ave	0.2783	0.2818		20.3	20.0	1.3	30.0
Tert-butyl ethyl ether	Ave	0.7998	0.8106		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
2,2-Dichloropropane	Ave	0.1361	0.1200		17.6	20.0	-11.8	30.0
cis-1,2-Dichloroethene	Ave	0.4032	0.3469	0.1000	17.2	20.0	-14.0	30.0
2-Butanone	Ave	0.3787	0.3145	0.0500	83.1	100	-16.9	30.0
Ethyl acetate	Ave	0.3233	0.2902		35.9	40.0	-10.2	30.0
Methyl acrylate	Ave	0.2331	0.2230		19.1	20.0	-4.4	30.0
Propionitrile	Ave	0.0397	0.0379		191	200	-4.7	30.0
Chlorobromomethane	Ave	0.2066	0.1747		16.9	20.0	-15.5	30.0
Tetrahydrofuran	Lin2		0.3367		33.9	40.0	-15.2	30.0
Methacrylonitrile	Ave	0.1300	0.1196		184	200	-8.0	30.0
Chloroform	Ave	0.6314	0.5828	0.2000	18.5	20.0	-7.7	30.0
Cyclohexane	Ave	0.3948	0.3017	0.1000	15.3	20.0	-23.6	30.0
1,1,1-Trichloroethane	Ave	0.5235	0.4748	0.1000	18.1	20.0	-9.3	30.0
Carbon tetrachloride	Ave	0.4733	0.4164	0.1000	17.6	20.0	-12.0	30.0
1,1-Dichloropropene	Ave	0.4117	0.3586		17.4	20.0	-12.9	30.0
Isobutyl alcohol	Ave	4.467	3.736		418	500	-16.4	30.0
Isooctane	Ave	0.6320	0.6045		19.1	20.0	-4.3	30.0
Benzene	Ave	1.505	1.307	0.5000	17.4	20.0	-13.2	30.0
Isopropyl acetate	Ave	0.1495	0.1414		18.9	20.0	-5.4	30.0
Tert-amyl methyl ether	Ave	0.8376	0.8159		19.5	20.0	-2.6	30.0
1,2-Dichloroethane	Ave	0.3774	0.3418	0.1000	18.1	20.0	-9.4	30.0
n-Heptane	Ave	0.2041	0.1628		16.0	20.0	-20.2	30.0
n-Butanol	Ave	2.102	1.811		431	500	-13.9	30.0
Trichloroethene	Ave	0.3548	0.3080	0.2000	17.4	20.0	-13.2	30.0
Methylcyclohexane	Ave	0.4237	0.3292	0.1000	15.5	20.0	-22.3	30.0
Ethyl acrylate	Ave	0.5895	0.5458		18.5	20.0	-7.4	30.0
1,2-Dichloropropane	Ave	0.3343	0.3056	0.1000	18.3	20.0	-8.6	30.0
Methyl methacrylate	Ave	0.0820	0.0771		37.6	40.0	-6.0	30.0
1,4-Dioxane	Ave	1.392	1.282		368	400	-7.9	30.0
Dibromomethane	Ave	0.2339	0.2065		17.7	20.0	-11.7	30.0
n-Propyl acetate	Ave	0.3234	0.3186		19.7	20.0	-1.5	30.0
Bromodichloromethane	Ave	0.4727	0.4431	0.2000	18.7	20.0	-6.3	30.0
2-Nitropropane	Ave	0.0604	0.0652		43.1	40.0	7.8	30.0
2-Chloroethyl vinyl ether	Ave	0.0415	0.0379		18.3	20.0	-8.7	30.0
Epichlorohydrin	QuaF		0.2756		20.3	20.0	1.7	30.0
cis-1,3-Dichloropropene	Ave	0.6704	0.5855	0.2000	17.5	20.0	-12.7	30.0
4-Methyl-2-pentanone	Ave	2.300	2.131	0.0500	92.6	100	-7.4	30.0
Toluene	Ave	1.719	1.505	0.4000	17.5	20.0	-12.5	30.0
trans-1,3-Dichloropropene	Ave	0.5817	0.5704	0.1000	19.6	20.0	-1.9	30.0
Ethyl methacrylate	Ave	0.4154	0.4053		19.5	20.0	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.3185	0.3085	0.1000	19.4	20.0	-3.1	30.0
Tetrachloroethene	Ave	0.4918	0.4358	0.2000	17.7	20.0	-11.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
1,3-Dichloropropane	Ave	0.5862	0.5685		19.4	20.0	-3.0	30.0
2-Hexanone	Ave	1.607	1.458	0.0500	90.7	100	-9.3	30.0
n-Butyl acetate	Ave	0.4208	0.4463		21.2	20.0	6.1	30.0
Dibromochloromethane	Ave	0.4690	0.4603	0.1000	19.6	20.0	-1.9	30.0
1,2-Dibromoethane	Ave	0.3917	0.3654	0.1000	18.7	20.0	-6.7	30.0
Chlorobenzene	Ave	1.180	1.094	0.5000	18.5	20.0	-7.3	30.0
Ethylbenzene	Ave	0.6321	0.5557	0.1000	17.6	20.0	-12.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4711	0.4360		18.5	20.0	-7.4	30.0
m-Xylene & p-Xylene	Ave	0.7412	0.6748	0.1000	18.2	20.0	-9.0	30.0
o-Xylene	Ave	0.7488	0.6552	0.3000	17.5	20.0	-12.5	30.0
n-Butyl acrylate	Ave	0.2773	0.2662		19.2	20.0	-4.0	30.0
Styrene	Ave	1.232	1.138	0.3000	18.5	20.0	-7.6	30.0
Bromoform	Ave	0.3291	0.3170	0.1000	19.3	20.0	-3.7	30.0
Amyl acetate (mixed isomers)	Ave	0.8688	0.9235		21.3	20.0	6.3	30.0
Isopropylbenzene	Ave	1.817	1.735	0.1000	19.1	20.0	-4.5	30.0
Bromobenzene	Ave	1.000	0.9174		18.4	20.0	-8.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8107	0.8134	0.3000	20.1	20.0	0.3	30.0
N-Propylbenzene	Ave	3.961	3.799		19.2	20.0	-4.1	30.0
1,2,3-Trichloropropane	Ave	0.2569	0.2484		19.3	20.0	-3.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1656	0.1804		21.8	20.0	8.9	30.0
2-Chlorotoluene	Ave	2.603	2.488		19.1	20.0	-4.4	30.0
4-Ethyltoluene	Ave	3.293	3.299		20.0	20.0	0.2	30.0
1,3,5-Trimethylbenzene	Ave	2.668	2.471		18.5	20.0	-7.4	30.0
4-Chlorotoluene	Ave	2.618	2.485		19.0	20.0	-5.1	30.0
Butyl Methacrylate	Ave	0.8619	0.8543		19.8	20.0	-0.9	30.0
tert-Butylbenzene	Ave	2.314	2.197		19.0	20.0	-5.0	30.0
1,2,4-Trimethylbenzene	Ave	2.797	2.525		18.1	20.0	-9.7	30.0
sec-Butylbenzene	Ave	3.264	3.156		19.3	20.0	-3.3	30.0
1,3-Dichlorobenzene	Ave	1.751	1.580	0.6000	18.0	20.0	-9.8	30.0
4-Isopropyltoluene	Ave	2.821	2.616		18.5	20.0	-7.3	30.0
1,4-Dichlorobenzene	Ave	1.758	1.612	0.5000	18.3	20.0	-8.3	30.0
1,2,3-Trimethylbenzene	Ave	2.753	2.678		19.5	20.0	-2.7	30.0
Benzyl chloride	Ave	1.539	1.584		20.6	20.0	3.0	30.0
Indan	Ave	2.728	2.660		19.5	20.0	-2.5	30.0
p-Diethylbenzene	Ave	1.671	1.655		19.8	20.0	-1.0	30.0
n-Butylbenzene	Ave	1.357	1.275		18.8	20.0	-6.1	30.0
1,2-Dichlorobenzene	Ave	1.544	1.417	0.4000	18.3	20.0	-8.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.221	2.170		19.5	20.0	-2.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1778	0.1612	0.0500	18.1	20.0	-9.4	30.0
1,3,5-Trichlorobenzene	Ave	1.003	0.9625		19.2	20.0	-4.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7713	0.7202	0.2000	18.7	20.0	-6.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: ICV 460-940983/1020 Calibration Date: 10/27/2023 18:15

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: -T671325-ICV.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
Hexachlorobutadiene	Ave	0.3829	0.3700		19.3	20.0	-3.4	30.0
Naphthalene	Ave	1.521	1.494		19.7	20.0	-1.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5538	0.5323		19.2	20.0	-3.9	30.0
Dibromofluoromethane (Surr)	Ave	0.3071	0.3098		50.4	50.0	0.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2695	0.2843		52.7	50.0	5.5	30.0
Toluene-d8 (Surr)	Ave	1.249	1.292		51.7	50.0	3.4	30.0
Bromofluorobenzene	Ave	0.4469	0.4577		51.2	50.0	2.4	30.0

Eurofins Environment Testing
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Oct-2023 18:15:59 ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS/ICV
Misc. Info.: 460-0167990-020
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Oct-2023 13:37:33 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1656

First Level Reviewer: RD6L Date: 28-Oct-2023 13:36:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	94	10551	20.0	45.2	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	94	43542	20.0	39.6	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	95	49635	20.0	24.8	
4 Dichlorodifluoromethane	85	1.454	1.449	0.005	100	151510	20.0	26.9	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15181	20.0	19.1	
6 Chloromethane	50	1.627	1.632	-0.005	100	136827	20.0	24.9	
7 Vinyl chloride	62	1.721	1.722	-0.001	98	168815	20.0	24.3	
8 Butadiene	54	1.748	1.748	0.000	93	149262	20.0	23.8	
9 Bromomethane	94	2.020	2.010	0.010	98	91208	20.0	21.0	
10 Chloroethane	64	2.109	2.104	0.005	96	80131	20.0	20.2	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	202662	20.0	21.4	
12 Trichlorofluoromethane	101	2.303	2.298	0.005	98	188328	20.0	23.6	
13 Pentane	72	2.351	2.351	0.000	94	17395	40.0	33.8	
14 Ethanol	46	2.508	2.513	-0.005	99	14811	800.0	732.0	
15 Ethyl ether	59	2.560	2.555	0.005	93	54774	20.0	16.4	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	95	59312	20.0	19.6	a
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	91	89694	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.660	0.005	89	147022	20.0	21.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	83456	20.0	19.0	
19 Acrolein	56	2.739	2.734	0.005	56	24490	39.5	36.5	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	96	64461	20.0	17.0	
22 Acetone	43	2.864	2.870	-0.006	86	93723	100.0	83.7	
23 Iodomethane	142	2.933	2.933	0.000	98	81060	20.0	14.8	
24 Carbon disulfide	76	2.964	2.964	0.000	99	103725	20.0	12.6	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	53	41395	200.0	180.0	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	86	44166	20.0	17.9	
28 Methyl acetate	43	3.132	3.127	0.005	85	93596	40.0	37.2	
29 Cyclopentene	67	3.137	3.132	0.005	94	127838	20.0	19.2	
26 Acetonitrile	41	3.184	3.190	-0.006	99	77406	200.0	170.3	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	97	48047	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	3.252	3.253	-0.001	80	84019	20.0	17.0	
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	73439	200.0	177.9	
35 Methyl tert-butyl ether	73	3.431	3.426	0.005	96	212254	20.0	18.8	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	82	73328	20.0	16.4	
33 Acrylonitrile	53	3.541	3.541	0.000	93	267303	200.0	196.5	
36 Hexane	57	3.630	3.630	0.000	90	50319	20.0	14.6	
40 Isopropyl ether	45	3.866	3.866	0.000	95	232773	20.0	20.0	
37 1,1-Dichloroethane	63	3.897	3.897	0.000	99	145972	20.0	18.9	
38 Vinyl acetate	86	3.924	3.918	0.006	99	33655	40.0	38.4	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	85	77377	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	90	222580	20.0	20.3	
* 42 2-Butanone-d5	46	4.443	4.448	-0.005	89	342218	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	68	32963	20.0	17.6	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	96	95242	20.0	17.2	
45 2-Butanone (MEK)	72	4.511	4.511	0.000	97	43050	100.0	83.1	
47 Ethyl acetate	70	4.521	4.516	0.005	97	15889	40.0	35.9	
48 Methyl acrylate	55	4.574	4.574	0.000	100	61225	20.0	19.1	
46 Propionitrile	54	4.658	4.658	0.000	98	103961	200.0	190.5	
49 Chlorobromomethane	128	4.741	4.742	-0.001	77	47962	20.0	16.9	
51 Tetrahydrofuran	72	4.741	4.742	-0.001	75	18434	40.0	33.9	
50 Methacrylonitrile	67	4.773	4.773	0.000	88	328493	200.0	184.0	
52 Chloroform	83	4.804	4.805	-0.001	99	160037	20.0	18.5	
55 Cyclohexane	84	4.946	4.946	0.000	89	82833	20.0	15.3	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	95	130369	20.0	18.1	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	212687	50.0	50.4	
56 Carbon tetrachloride	117	5.098	5.098	0.000	99	114331	20.0	17.6	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	96	98474	20.0	17.4	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	95	89752	500.0	418.1	
62 Isooctane	57	5.334	5.334	0.000	99	165997	20.0	19.1	a
60 Benzene	78	5.365	5.366	-0.001	97	291914	20.0	17.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	88	195178	50.0	52.7	
64 Tert-amyl methyl ether	73	5.449	5.449	0.000	82	224029	20.0	19.5	
63 Isopropyl acetate	61	5.449	5.449	0.000	86	38826	20.0	18.9	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	96	93858	20.0	18.1	
66 n-Heptane	43	5.554	5.554	0.000	90	44709	20.0	16.0	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	686458	50.0	50.0	
68 n-Butanol	56	6.073	6.079	-0.006	81	43497	500.0	430.7	
67 Trichloroethene	95	6.115	6.115	0.000	93	84577	20.0	17.4	
70 Methylcyclohexane	83	6.257	6.262	-0.005	91	90387	20.0	15.5	a
69 Ethyl acrylate	55	6.272	6.273	-0.001	97	149873	20.0	18.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	92	83923	20.0	18.3	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35139	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	81	42344	40.0	37.6	
74 1,4-Dioxane	88	6.603	6.598	0.005	41	18014	400.0	368.2	
72 Dibromomethane	93	6.608	6.608	0.000	93	56704	20.0	17.7	
76 n-Propyl acetate	43	6.634	6.634	0.000	98	87490	20.0	19.7	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	121666	20.0	18.7	
78 2-Nitropropane	41	7.200	7.201	-0.001	88	35781	40.0	43.1	
79 2-Chloroethyl vinyl ether	106	7.211	7.216	-0.005	80	10406	20.0	18.3	
80 Epichlorohydrin	57	7.332	7.326	0.006	97	7545	20.0	20.3	
81 cis-1,3-Dichloropropene	75	7.394	7.395	-0.001	89	130784	20.0	17.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	95	291663	100.0	92.6	

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	7.683	7.683	0.000	99	721353	50.0	51.7	
84 Toluene	91	7.777	7.772	0.005	92	336107	20.0	17.5	
85 trans-1,3-Dichloropropene	75	8.207	8.207	0.000	94	127400	20.0	19.6	
86 Ethyl methacrylate	69	8.260	8.255	0.006	85	90542	20.0	19.5	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	93	68913	20.0	19.4	
88 Tetrachloroethene	166	8.501	8.501	0.000	98	97334	20.0	17.7	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	89	126984	20.0	19.4	
90 2-Hexanone	43	8.810	8.805	0.005	94	199578	100.0	90.7	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	99689	20.0	21.2	
91 Chlorodibromomethane	129	8.988	8.989	-0.001	97	102826	20.0	19.6	
92 Ethylene Dibromide	107	9.167	9.167	0.000	97	81615	20.0	18.7	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	84	558425	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	244432	20.0	18.5	
97 Ethylbenzene	106	10.021	10.021	0.000	98	124125	20.0	17.6	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	51	97397	20.0	18.5	
98 m-Xylene & p-Xylene	106	10.221	10.215	0.006	91	150736	20.0	18.2	
99 o-Xylene	106	10.860	10.855	0.005	94	146363	20.0	17.5	
101 n-Butyl acrylate	73	10.871	10.871	0.000	77	59454	20.0	19.2	
100 Styrene	104	10.907	10.908	-0.001	96	254199	20.0	18.5	
102 Bromoform	173	11.222	11.222	0.000	96	70816	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	110867	20.0	21.3	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	387561	20.0	19.1	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	255566	50.0	51.2	
106 Bromobenzene	156	11.877	11.877	0.000	89	110139	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	97654	20.0	20.1	
110 N-Propylbenzene	91	11.998	11.998	0.000	99	456056	20.0	19.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	29818	20.0	19.3	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	96	21656	20.0	21.8	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	298658	20.0	19.1	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	396018	20.0	20.0	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	94	296688	20.0	18.5	
113 4-Chlorotoluene	91	12.276	12.276	0.000	96	298378	20.0	19.0	
115 Butyl Methacrylate	87	12.391	12.391	0.000	85	102563	20.0	19.8	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	263797	20.0	19.0	
117 1,2,4-Trimethylbenzene	105	12.680	12.674	0.006	97	303109	20.0	18.1	
118 sec-Butylbenzene	105	12.853	12.847	0.006	99	378832	20.0	19.3	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	189690	20.0	18.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	314074	20.0	18.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	300123	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	193565	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	98	321510	20.0	19.5	
124 Benzyl chloride	91	13.262	13.262	0.000	99	190189	20.0	20.6	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	319370	20.0	19.5	
127 p-Diethylbenzene	119	13.408	13.408	0.000	93	198656	20.0	19.8	
128 n-Butylbenzene	92	13.429	13.429	0.000	98	153021	20.0	18.8	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	97	170063	20.0	18.3	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	260482	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	19348	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	115553	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	86464	20.0	18.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	79	44420	20.0	19.3	
134 Naphthalene	128	15.091	15.092	-0.001	99	179373	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	96	63898	20.0	19.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.6	
S 137 Xylenes, Total	100				0		40.0	35.7	
S 140 Total BTEX	1				0		100.0	88.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GAS C SP_00538	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00158	Amount Added: 4.00	Units: uL		
7 Freons SS_00007	Amount Added: 20.00	Units: uL		
EthhexAcr_SS_00004	Amount Added: 20.00	Units: uL		
8260 SP_00171	Amount Added: 20.00	Units: uL		
	Amount Added: 5.00	Units: uL	Run Reagent	
VOA6IS/SURR_00068	Amount Added: 5.00	Units: uL	Run Reagent	

Report Date: 29-Oct-2023 09:39:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Environment Testing

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d

Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15

Lims ID: ICV

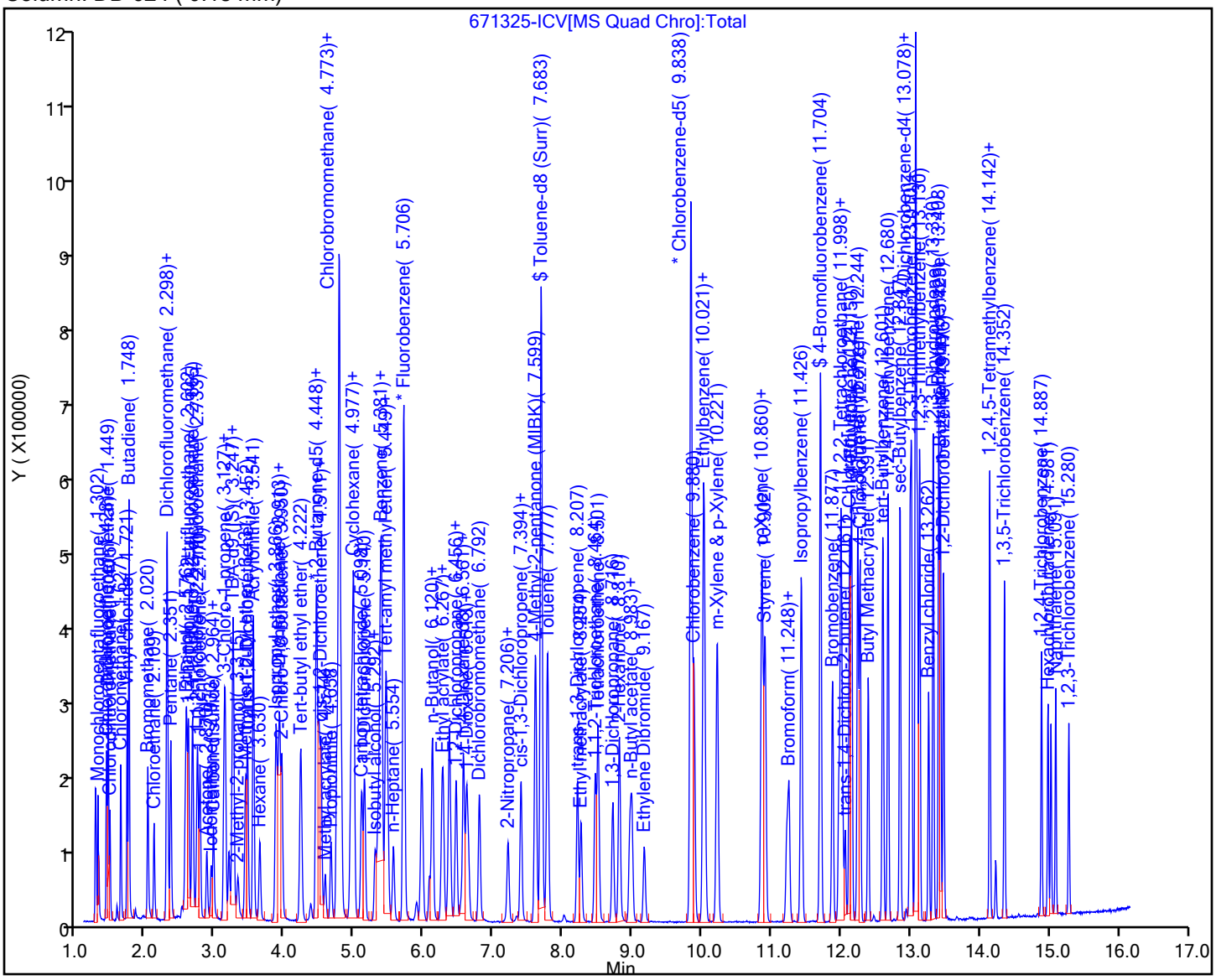
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Environment Testing

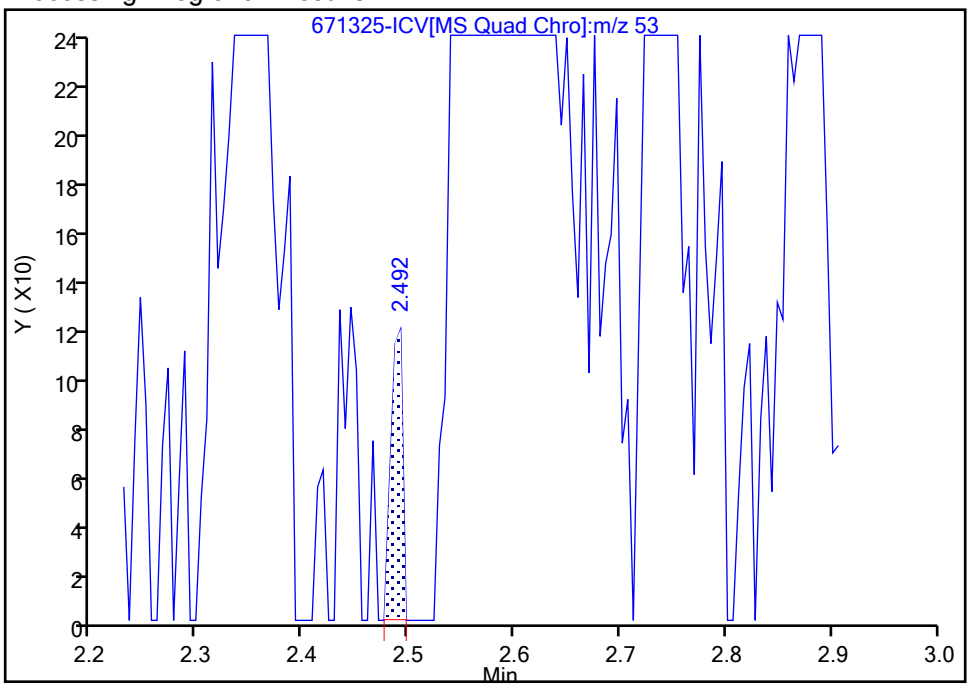
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

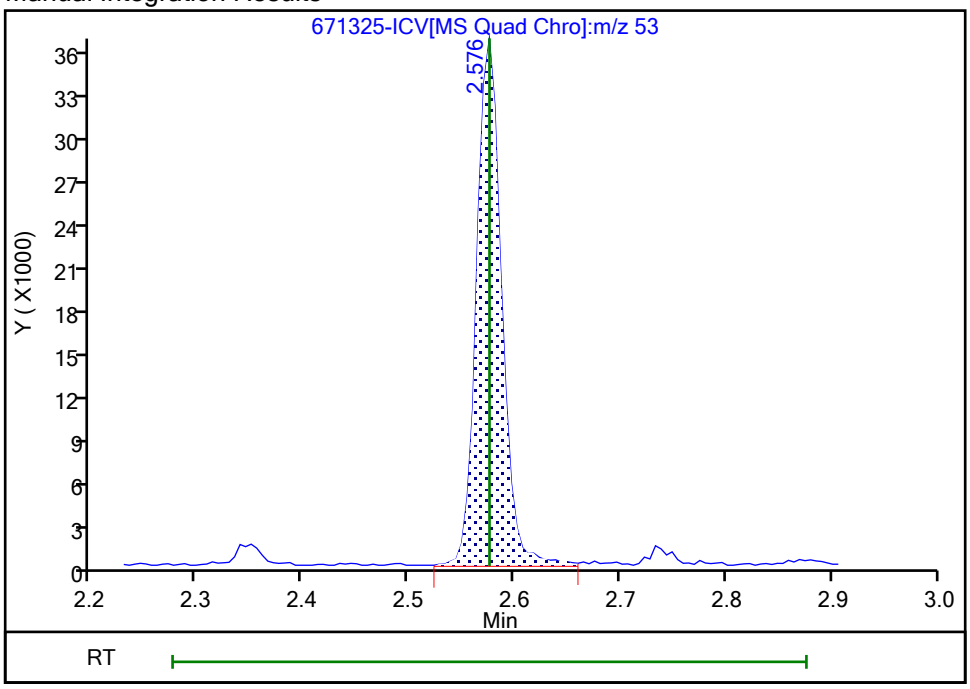
Processing Integration Results

RT: 2.49
Area: 92
Amount: 0.029368
Amount Units: ug/l



Manual Integration Results

RT: 2.58
Area: 59312
Amount: 19.612505
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:17:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

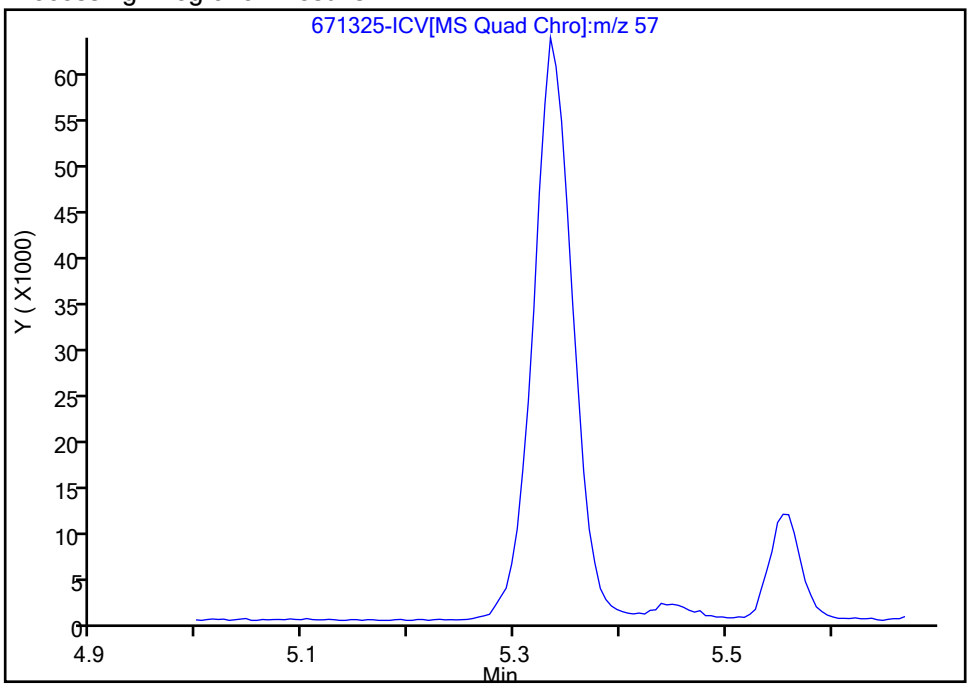
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Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

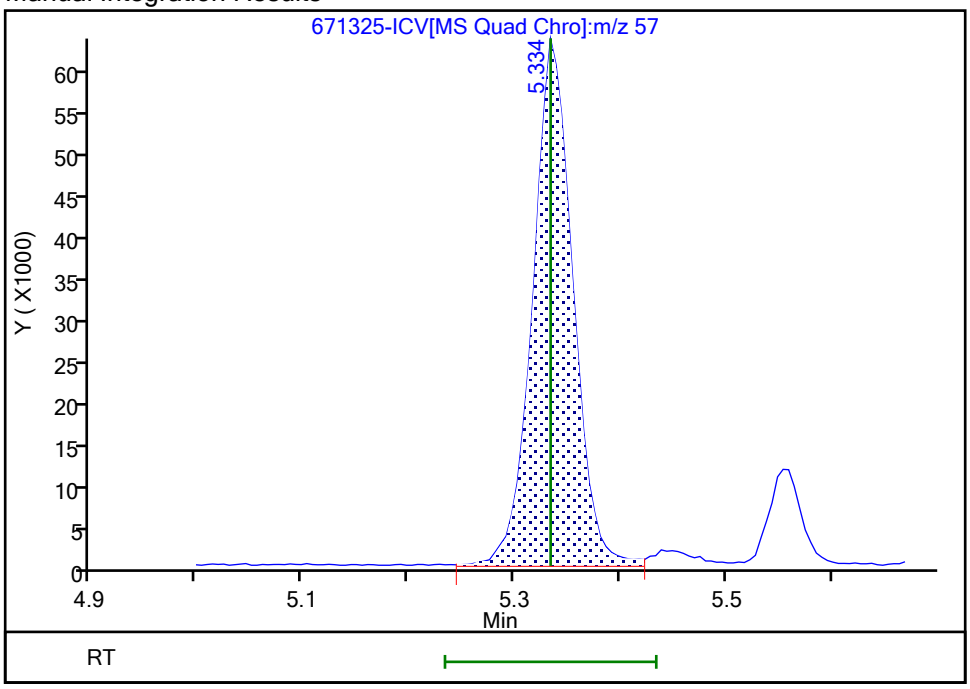
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 165997
Amount: 19.132563
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:19:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

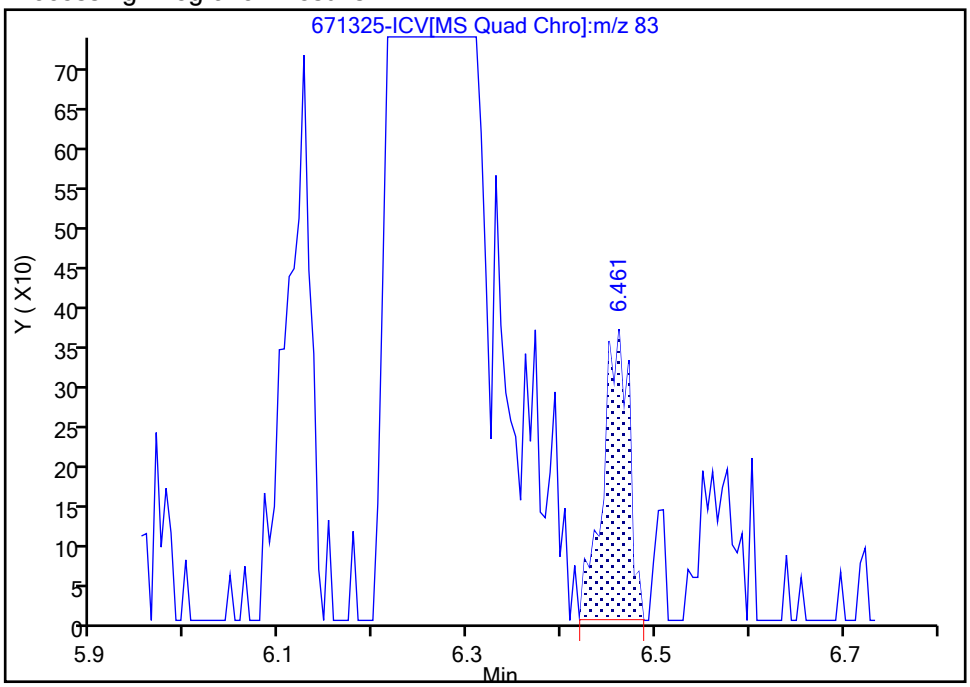
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\-T671325-ICV.d
Injection Date: 27-Oct-2023 18:15:59 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1020
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

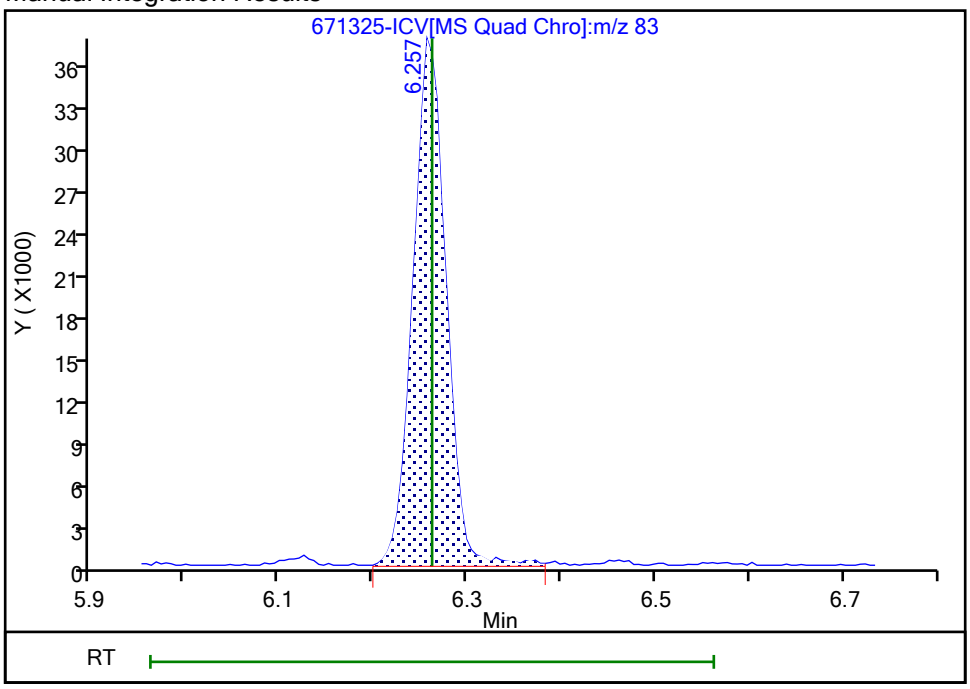
Processing Integration Results

RT: 6.46
Area: 700
Amount: 0.115251
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 90387
Amount: 15.539170
Amount Units: ug/l



Reviewer: HVW2, 27-Oct-2023 20:19:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
Monochloropentafluoroethane	QuaF		0.0202		23.6	20.0	17.9	20.0
Chlorotrifluoroethene	QuaF		0.0950		23.7	20.0	18.5	20.0
1,1-Difluoroethane	Ave	0.1460	0.1490		20.4	20.0	2.1	20.0
Dichlorodifluoromethane	Ave	0.4102	0.4185	0.1000	20.4	20.0	2.0	20.0
Chlorodifluoromethane	Ave	0.0579	0.0505		17.4	20.0	-12.9	20.0
Chloromethane	Ave	0.4003	0.4194	0.1000	21.0	20.0	4.8	20.0
Vinyl chloride	Ave	0.5068	0.5154	0.1000	20.3	20.0	1.7	20.0
Butadiene	Lin2		0.4896		21.4	20.0	7.2	20.0
Bromomethane	Ave	0.3164	0.3181	0.1000	20.1	20.0	0.5	50.0
Chloroethane	Ave	2.897	2.890	0.1000	20.0	20.0	-0.2	50.0
Dichlorofluoromethane	Ave	0.6895	0.6143		17.8	20.0	-10.9	20.0
Trichlorofluoromethane	Ave	0.5824	0.5274	0.1000	18.1	20.0	-9.4	20.0
Pentane	Ave	0.0375	0.0643		68.5	40.0	71.2*	20.0
Ethanol	Ave	0.4211	0.4934		937	800	17.2	50.0
Ethyl ether	Ave	0.2427	0.2245		18.5	20.0	-7.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2203	0.2549		23.1	20.0	15.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3220	0.2728		16.9	20.0	-15.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5071	0.4396		17.3	20.0	-13.3	20.0
Freon TF	Ave	0.3193	0.3044	0.1000	19.1	20.0	-4.7	20.0
Acrolein	Ave	0.0489	0.0417		34.1	40.0	-14.7	50.0
1,1-Dichloroethene	Ave	0.2765	0.3112	0.1000	22.5	20.0	12.5	20.0
Acetone	Ave	0.8181	0.7343	0.0500	89.8	100	-10.2	50.0
Iodomethane	Lin2		0.3703		18.5	20.0	-7.7	20.0
Carbon disulfide	Ave	0.5973	1.103	0.1000	36.9	20.0	84.7*	50.0
Isopropyl alcohol	Ave	4.786	4.863		203	200	1.6	50.0
3-Chloro-1-propene	Ave	0.1798	0.2040		22.7	20.0	13.4	20.0
Methyl acetate	Ave	0.1833	0.1643	0.1000	35.9	40.0	-10.4	20.0
Cyclopentene	Ave	0.4842	0.6745		27.9	20.0	39.3*	20.0
Acetonitrile	Ave	0.3320	0.3484		210	200	5.0	20.0
Methylene Chloride	Ave	0.3591	0.3667	0.1000	20.4	20.0	2.1	20.0
2-Methyl-2-propanol	Ave	8.593	7.205		168	200	-16.2	50.0
MTBE	Ave	0.8211	0.7310	0.1000	17.8	20.0	-11.0	20.0
trans-1,2-Dichloroethene	Ave	0.3254	0.3480	0.1000	21.4	20.0	6.9	20.0
Acrylonitrile	QuaF		0.1042		210	200	5.1	20.0
Hexane	Ave	0.2508	0.3920		31.3	20.0	56.3*	20.0
Isopropyl ether	Ave	0.8491	0.7255		17.1	20.0	-14.6	20.0
1,1-Dichloroethane	Ave	0.5631	0.5225	0.2000	18.6	20.0	-7.2	20.0
Vinyl acetate	Ave	0.6395	0.7497		46.9	40.0	17.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2783	0.2901		20.8	20.0	4.2	20.0
Tert-butyl ethyl ether	Ave	0.7998	0.6924		17.3	20.0	-13.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
2,2-Dichloropropane	Ave	0.1361	0.1230		18.1	20.0	-9.7	20.0
cis-1,2-Dichloroethene	Ave	0.4032	0.3936	0.1000	19.5	20.0	-2.4	20.0
2-Butanone	Ave	0.3787	0.3622	0.0500	95.6	100	-4.4	50.0
Ethyl acetate	Ave	0.3233	0.2792		34.5	40.0	-13.6	20.0
Methyl acrylate	Ave	0.2331	0.2181		18.7	20.0	-6.5	20.0
Propionitrile	Ave	0.0397	0.0391		197	200	-1.7	20.0
Tetrahydrofuran	Lin2		0.3911		39.6	40.0	-0.9	20.0
Chlorobromomethane	Ave	0.2066	0.1959		19.0	20.0	-5.2	20.0
Methacrylonitrile	Ave	0.1300	0.1224		188	200	-5.9	20.0
Chloroform	Ave	0.6314	0.5305	0.2000	16.8	20.0	-16.0	20.0
Cyclohexane	Ave	0.3948	0.4786	0.1000	24.2	20.0	21.2	50.0
1,1,1-Trichloroethane	Ave	0.5235	0.4613	0.1000	17.6	20.0	-11.9	20.0
Carbon tetrachloride	Ave	0.4733	0.4286	0.1000	18.1	20.0	-9.4	20.0
1,1-Dichloropropene	Ave	0.4117	0.4139		20.1	20.0	0.5	20.0
Isobutyl alcohol	Ave	4.467	2.614		293	500	-41.5	50.0
Isooctane	Ave	0.6320	0.6669		21.1	20.0	5.5	20.0
Benzene	Ave	1.505	1.670	0.5000	22.2	20.0	11.0	20.0
Isopropyl acetate	Ave	0.1495	0.1290		17.3	20.0	-13.7	20.0
Tert-amyl methyl ether	Ave	0.8376	0.7258		17.3	20.0	-13.3	20.0
1,2-Dichloroethane	Ave	0.3774	0.3155	0.1000	16.7	20.0	-16.4	20.0
n-Heptane	Ave	0.2041	0.2602		25.5	20.0	27.5*	20.0
n-Butanol	Ave	2.102	2.021		481	500	-3.8	50.0
Trichloroethene	Ave	0.3548	0.3302	0.2000	18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.4237	0.4859	0.1000	22.9	20.0	14.7	50.0
Ethyl acrylate	Ave	0.5895	0.5785		19.6	20.0	-1.9	20.0
1,2-Dichloropropane	Ave	0.3343	0.2956	0.1000	17.7	20.0	-11.6	20.0
Methyl methacrylate	Ave	0.0820	0.0725		35.4	40.0	-11.6	20.0
1,4-Dioxane	Ave	1.392	1.396		401	400	0.3	50.0
Dibromomethane	Ave	0.2339	0.1972		16.9	20.0	-15.7	20.0
n-Propyl acetate	Ave	0.3234	0.2884		17.8	20.0	-10.8	20.0
Bromodichloromethane	Ave	0.4727	0.3918	0.2000	16.6	20.0	-17.1	20.0
2-Nitropropane	Ave	0.0604	0.0493		32.6	40.0	-18.5	20.0
2-Chloroethyl vinyl ether	Ave	0.0415	0.0358		17.3	20.0	-13.9	20.0
Epichlorohydrin	QuaF		0.2491		368	400	-8.0	20.0
cis-1,3-Dichloropropene	Ave	0.6704	0.6299	0.2000	18.8	20.0	-6.0	50.0
4-Methyl-2-pentanone	Ave	2.300	2.003	0.0500	87.1	100	-12.9	50.0
Toluene	Ave	1.719	1.765	0.4000	20.5	20.0	2.7	20.0
trans-1,3-Dichloropropene	Ave	0.5817	0.5360	0.1000	18.4	20.0	-7.9	50.0
Ethyl methacrylate	Ave	0.4154	0.3919		18.9	20.0	-5.7	20.0
1,1,2-Trichloroethane	Ave	0.3185	0.2994	0.1000	18.8	20.0	-6.0	20.0
Tetrachloroethene	Ave	0.4918	0.5037	0.2000	20.5	20.0	2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
1,3-Dichloropropane	Ave	0.5862	0.5627		19.2	20.0	-4.0	20.0
2-Hexanone	Ave	1.607	1.394	0.0500	86.8	100	-13.2	50.0
n-Butyl acetate	Ave	0.4208	0.3863		18.4	20.0	-8.2	20.0
Dibromochloromethane	Ave	0.4690	0.4164	0.1000	17.8	20.0	-11.2	50.0
1,2-Dibromoethane	Ave	0.3917	0.3581	0.1000	18.3	20.0	-8.6	20.0
Chlorobenzene	Ave	1.180	1.159	0.5000	19.7	20.0	-1.7	20.0
Ethylbenzene	Ave	0.6321	0.6080	0.1000	19.2	20.0	-3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4711	0.4037		17.1	20.0	-14.3	20.0
m-Xylene & p-Xylene	Ave	0.7412	0.7525	0.1000	20.3	20.0	1.5	20.0
o-Xylene	Ave	0.7488	0.7240	0.3000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.2773	0.2560		18.5	20.0	-7.7	20.0
Styrene	Ave	1.232	1.207	0.3000	19.6	20.0	-2.0	20.0
Bromoform	Ave	0.3291	0.2912	0.1000	17.7	20.0	-11.5	20.0
Amyl acetate (mixed isomers)	Ave	0.8688	0.7987		18.4	20.0	-8.1	20.0
Isopropylbenzene	Ave	1.817	1.779	0.1000	19.6	20.0	-2.1	20.0
Bromobenzene	Ave	1.000	0.9673		19.3	20.0	-3.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8107	0.7359	0.3000	18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	3.961	3.933		19.9	20.0	-0.7	20.0
1,2,3-Trichloropropane	Ave	0.2569	0.2246		17.5	20.0	-12.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1656	0.1336		16.1	20.0	-19.3	20.0
2-Chlorotoluene	Ave	2.603	2.405		18.5	20.0	-7.6	20.0
4-Ethyltoluene	Ave	3.293	3.239		19.7	20.0	-1.6	20.0
1,3,5-Trimethylbenzene	Ave	2.668	2.550		19.1	20.0	-4.4	20.0
4-Chlorotoluene	Ave	2.618	2.382		18.2	20.0	-9.0	20.0
Butyl Methacrylate	Ave	0.8619	0.8057		18.7	20.0	-6.5	20.0
tert-Butylbenzene	Ave	2.314	2.211		19.1	20.0	-4.5	20.0
1,2,4-Trimethylbenzene	Ave	2.797	2.624		18.8	20.0	-6.2	20.0
sec-Butylbenzene	Ave	3.264	3.210		19.7	20.0	-1.7	20.0
1,3-Dichlorobenzene	Ave	1.751	1.648	0.6000	18.8	20.0	-5.9	20.0
4-Isopropyltoluene	Ave	2.821	2.775		19.7	20.0	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.758	1.655	0.5000	18.8	20.0	-5.9	20.0
1,2,3-Trimethylbenzene	Ave	2.753	2.587		18.8	20.0	-6.0	20.0
Benzyl chloride	Ave	1.539	1.443		18.8	20.0	-6.2	50.0
Indan	Ave	2.728	2.628		19.3	20.0	-3.7	20.0
p-Diethylbenzene	Ave	1.671	1.631		19.5	20.0	-2.4	20.0
n-Butylbenzene	Ave	1.357	1.286		19.0	20.0	-5.2	20.0
1,2-Dichlorobenzene	Ave	1.544	1.446	0.4000	18.7	20.0	-6.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.221	2.127		19.2	20.0	-4.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1778	0.1596	0.0500	18.0	20.0	-10.2	50.0
1,3,5-Trichlorobenzene	Ave	1.003	1.006		20.1	20.0	0.3	20.0
1,2,4-Trichlorobenzene	Ave	0.7713	0.7633	0.2000	19.8	20.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Lab Sample ID: CCVIS 460-943343/4 Calibration Date: 11/08/2023 10:44

Instrument ID: CVOAMS15 Calib Start Date: 10/27/2023 12:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/27/2023 14:48

Lab File ID: T671956.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
Hexachlorobutadiene	Ave	0.3829	0.3779		19.7	20.0	-1.3	20.0
Naphthalene	Ave	1.521	1.597		21.0	20.0	5.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5538	0.5745		20.7	20.0	3.7	20.0
Dibromofluoromethane (Surr)	Ave	0.3071	0.2680		43.6	50.0	-12.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2695	0.2545		47.2	50.0	-5.6	20.0
Toluene-d8 (Surr)	Ave	1.249	1.298		52.0	50.0	4.0	20.0
Bromofluorobenzene	Ave	0.4469	0.4552		50.9	50.0	1.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671956.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2023 10:44:17 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0168581-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:55:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	83	5673	20.0	23.6	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	87	26684	20.0	23.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	41866	20.0	20.4	
4 Dichlorodifluoromethane	85	1.454	1.454	0.000	99	117592	20.0	20.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	14178	20.0	17.4	
6 Chloromethane	50	1.627	1.627	0.000	99	117841	20.0	21.0	
7 Vinyl chloride	62	1.722	1.722	0.000	99	144821	20.0	20.3	
8 Butadiene	54	1.748	1.748	0.000	90	137549	20.0	21.4	
9 Bromomethane	94	2.021	2.021	0.000	99	89371	20.0	20.1	
10 Chloroethane	64	2.110	2.110	0.000	99	73665	20.0	20.0	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	172585	20.0	17.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	87	148185	20.0	18.1	
13 Pentane	72	2.351	2.351	0.000	97	36119	40.0	68.5	
14 Ethanol	46	2.508	2.508	0.000	98	16669	800.0	937.2	
15 Ethyl ether	59	2.555	2.555	0.000	91	63067	20.0	18.5	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	93	71626	20.0	23.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.603	0.000	94	76650	20.0	16.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	96	123517	20.0	17.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	97	85521	20.0	19.1	
19 Acrolein	56	2.739	2.739	0.000	53	23416	40.0	34.1	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	93	87423	20.0	22.5	
22 Acetone	43	2.870	2.870	0.000	91	93572	100.0	89.8	
23 Iodomethane	142	2.933	2.933	0.000	98	104029	20.0	18.5	
25 Isopropyl alcohol	45	2.964	2.964	0.000	31	41073	200.0	203.2	
24 Carbon disulfide	76	2.964	2.964	0.000	98	310025	20.0	36.9	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	85	57315	20.0	22.7	
28 Methyl acetate	43	3.132	3.132	0.000	63	92321	40.0	35.9	
29 Cyclopentene	67	3.137	3.137	0.000	94	189501	20.0	27.9	
26 Acetonitrile	41	3.190	3.190	0.000	100	88795	200.0	209.9	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	96	42232	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	3.253	3.253	0.000	86	103019	20.0	20.4	
32 2-Methyl-2-propanol	59	3.321	3.321	0.000	98	60855	200.0	167.7	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	205377	20.0	17.8	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	89	97763	20.0	21.4	
33 Acrylonitrile	53	3.541	3.541	0.000	96	292792	200.0	210.3	
36 Hexane	57	3.635	3.635	0.000	88	110129	20.0	31.3	
40 Isopropyl ether	45	3.866	3.866	0.000	94	203834	20.0	17.1	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	99	146810	20.0	18.6	
38 Vinyl acetate	86	3.924	3.924	0.000	99	38211	40.0	46.9	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	86	81503	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.223	4.223	0.000	92	194552	20.0	17.3	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	318568	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	71	34555	20.0	18.1	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	92	110594	20.0	19.5	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	46151	100.0	95.6	
47 Ethyl acetate	70	4.511	4.511	0.000	96	14233	40.0	34.5	
48 Methyl acrylate	55	4.574	4.574	0.000	99	61272	20.0	18.7	
46 Propionitrile	54	4.653	4.653	0.000	99	109774	200.0	196.6	
51 Tetrahydrofuran	72	4.736	4.736	0.000	71	19933	40.0	39.6	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	55027	20.0	19.0	
50 Methacrylonitrile	67	4.773	4.773	0.000	85	343830	200.0	188.3	
52 Chloroform	83	4.805	4.805	0.000	99	149056	20.0	16.8	
55 Cyclohexane	84	4.941	4.941	0.000	84	134474	20.0	24.2	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	91	129605	20.0	17.6	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	188260	50.0	43.6	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	120423	20.0	18.1	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	95	116294	20.0	20.1	
59 Isobutyl alcohol	43	5.292	5.292	0.000	95	55187	500.0	292.5	
62 Isooctane	57	5.339	5.339	0.000	99	187372	20.0	21.1	a
60 Benzene	78	5.366	5.366	0.000	95	365202	20.0	22.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	94	178765	50.0	47.2	
64 Tert-amyl methyl ether	73	5.450	5.450	0.000	83	203912	20.0	17.3	
63 Isopropyl acetate	61	5.450	5.450	0.000	83	36247	20.0	17.3	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	89	88635	20.0	16.7	
66 n-Heptane	43	5.554	5.554	0.000	84	73105	20.0	25.5	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	702405	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	84	42676	500.0	480.8	
67 Trichloroethene	95	6.115	6.115	0.000	94	92771	20.0	18.6	
70 Methylcyclohexane	83	6.262	6.262	0.000	89	136516	20.0	22.9	
69 Ethyl acrylate	55	6.273	6.273	0.000	95	162539	20.0	19.6	
71 1,2-Dichloropropane	63	6.461	6.461	0.000	92	83044	20.0	17.7	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	1	35780	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	79	40757	40.0	35.4	
74 1,4-Dioxane	88	6.603	6.603	0.000	42	19985	400.0	401.2	
72 Dibromomethane	93	6.614	6.614	0.000	92	55419	20.0	16.9	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	81027	20.0	17.8	
77 Dichlorobromomethane	83	6.792	6.792	0.000	94	110093	20.0	16.6	
78 2-Nitropropane	41	7.201	7.201	0.000	86	27678	40.0	32.6	
79 2-Chloroethyl vinyl ether	106	7.211	7.211	0.000	80	10074	20.0	17.3	
80 Epichlorohydrin	57	7.327	7.327	0.000	98	126983	400.0	368.0	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	137714	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	255266	100.0	87.1	

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	7.683	7.683	0.000	98	709699	50.0	52.0	
84 Toluene	91	7.777	7.777	0.000	91	385934	20.0	20.5	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	91	117183	20.0	18.4	
86 Ethyl methacrylate	69	8.255	8.255	0.000	84	85682	20.0	18.9	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	96	65466	20.0	18.8	
88 Tetrachloroethene	166	8.501	8.501	0.000	98	110118	20.0	20.5	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	84	123018	20.0	19.2	
90 2-Hexanone	43	8.805	8.805	0.000	93	177692	100.0	86.8	
93 n-Butyl acetate	43	8.957	8.957	0.000	98	84449	20.0	18.4	
91 Chlorodibromomethane	129	8.989	8.989	0.000	96	91042	20.0	17.8	
92 Ethylene Dibromide	107	9.167	9.167	0.000	96	78288	20.0	18.3	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	82	546566	50.0	50.0	
95 Chlorobenzene	112	9.885	9.885	0.000	99	253488	20.0	19.7	
97 Ethylbenzene	106	10.016	10.016	0.000	97	132934	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	46	88250	20.0	17.1	
98 m-Xylene & p-Xylene	106	10.216	10.216	0.000	95	164508	20.0	20.3	
99 o-Xylene	106	10.860	10.860	0.000	95	158278	20.0	19.3	
101 n-Butyl acrylate	73	10.876	10.876	0.000	87	55970	20.0	18.5	
100 Styrene	104	10.908	10.908	0.000	96	263832	20.0	19.6	
102 Bromoform	173	11.222	11.222	0.000	97	63673	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	90	93574	20.0	18.4	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	388860	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	94	248818	50.0	50.9	
106 Bromobenzene	156	11.883	11.883	0.000	80	113334	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	86222	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	460785	20.0	19.9	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	93	26320	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	91	15652	20.0	16.1	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	281721	20.0	18.5	
112 4-Ethyltoluene	105	12.150	12.150	0.000	97	379445	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	94	298793	20.0	19.1	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	279024	20.0	18.2	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	94401	20.0	18.7	
116 tert-Butylbenzene	119	12.601	12.601	0.000	91	259010	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	307427	20.0	18.8	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	376086	20.0	19.7	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	193029	20.0	18.8	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	325099	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	292906	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	193848	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	13.136	13.136	0.000	97	303125	20.0	18.8	
124 Benzyl chloride	91	13.262	13.262	0.000	99	169020	20.0	18.8	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	91	307954	20.0	19.3	
127 p-Diethylbenzene	119	13.409	13.409	0.000	96	191113	20.0	19.5	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	150657	20.0	19.0	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	169436	20.0	18.7	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	249261	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	84	18703	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	117907	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	92	89433	20.0	19.8	
133 Hexachlorobutadiene	225	14.982	14.982	0.000	80	44272	20.0	19.7	
134 Naphthalene	128	15.092	15.092	0.000	99	187082	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	95	67313	20.0	20.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 140 Total BTEX	1				0		100.0	101.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 00:55:57 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671956.D

Injection Date: 08-Nov-2023 10:44:17 Instrument ID: CVOAMS15

Lims ID: CCVIS

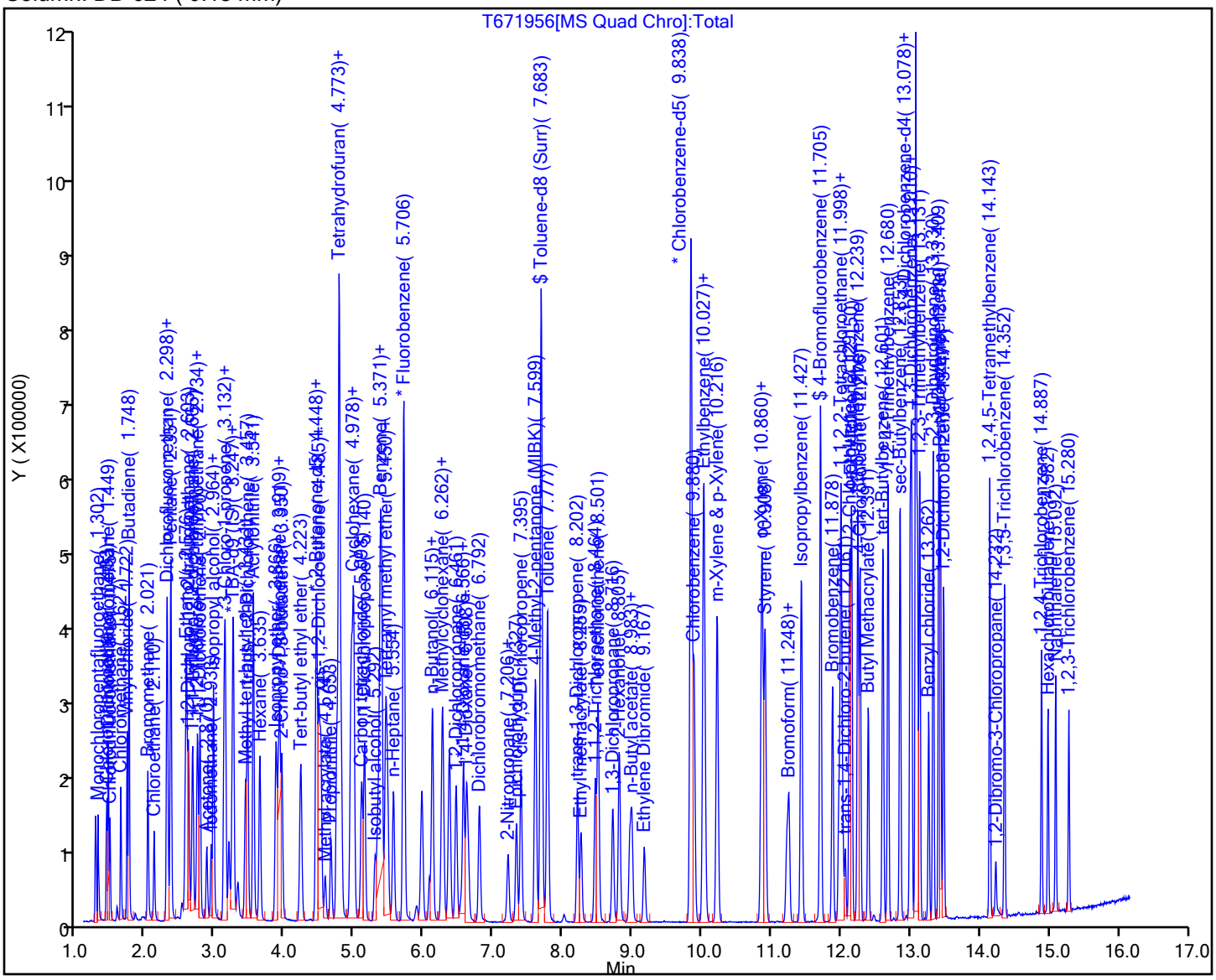
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

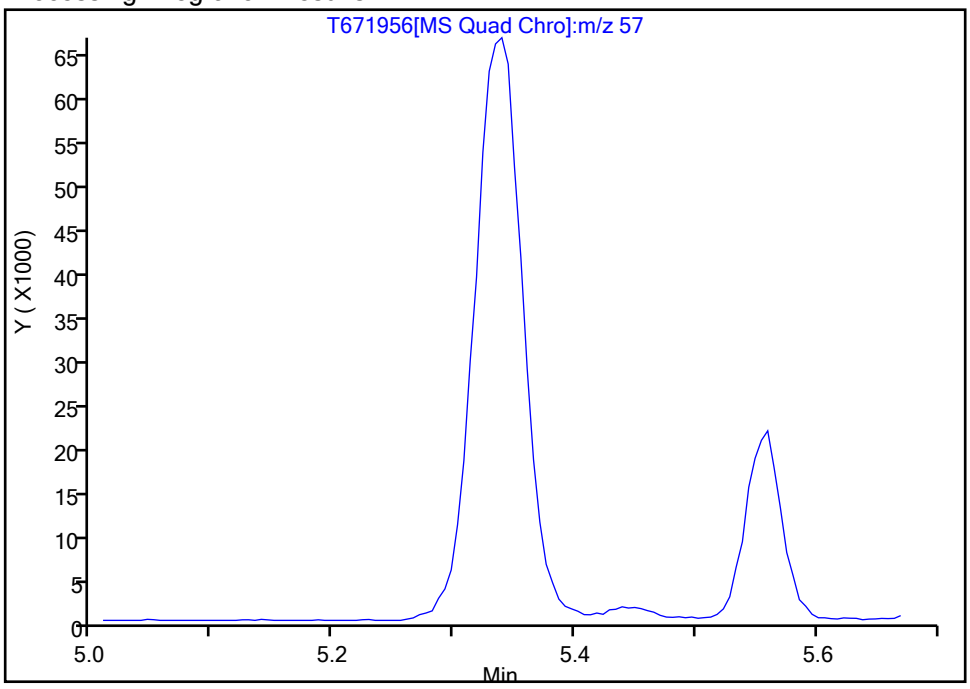
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Injection Date: 08-Nov-2023 10:44:17 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

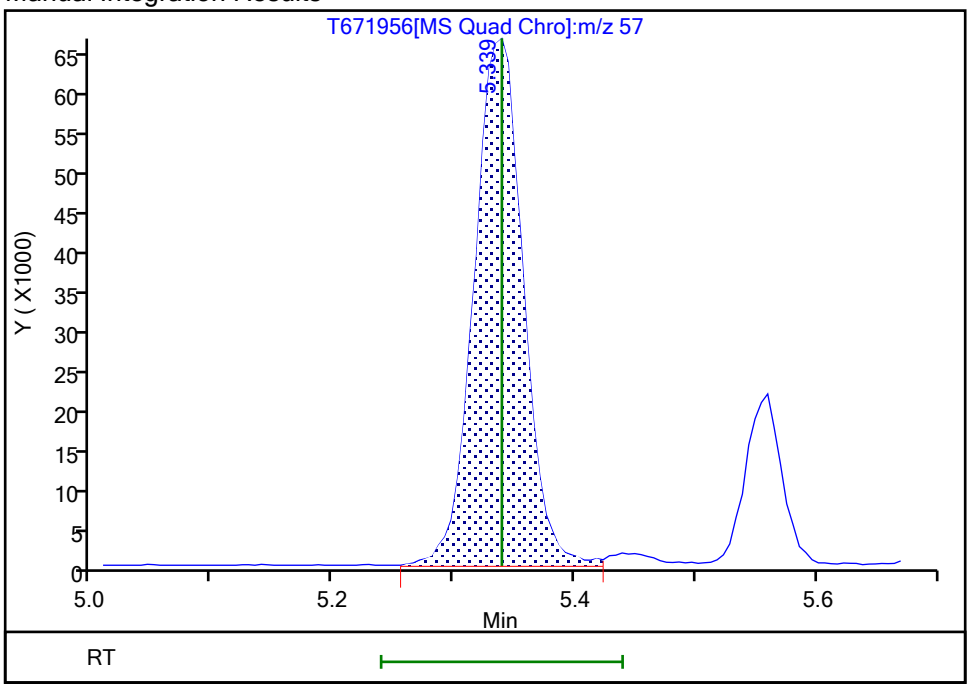
Not Detected
Expected RT: 5.34

Processing Integration Results



Manual Integration Results

RT: 5.34
Area: 187372
Amount: 21.105905
Amount Units: ug/l



Reviewer: K0HS, 08-Nov-2023 11:23:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	27-Oct-2023 10:37:20	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0167990-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	28-Oct-2023 10:49:27	Calib Date:	27-Oct-2023 14:48:16		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1610				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

Reagents:

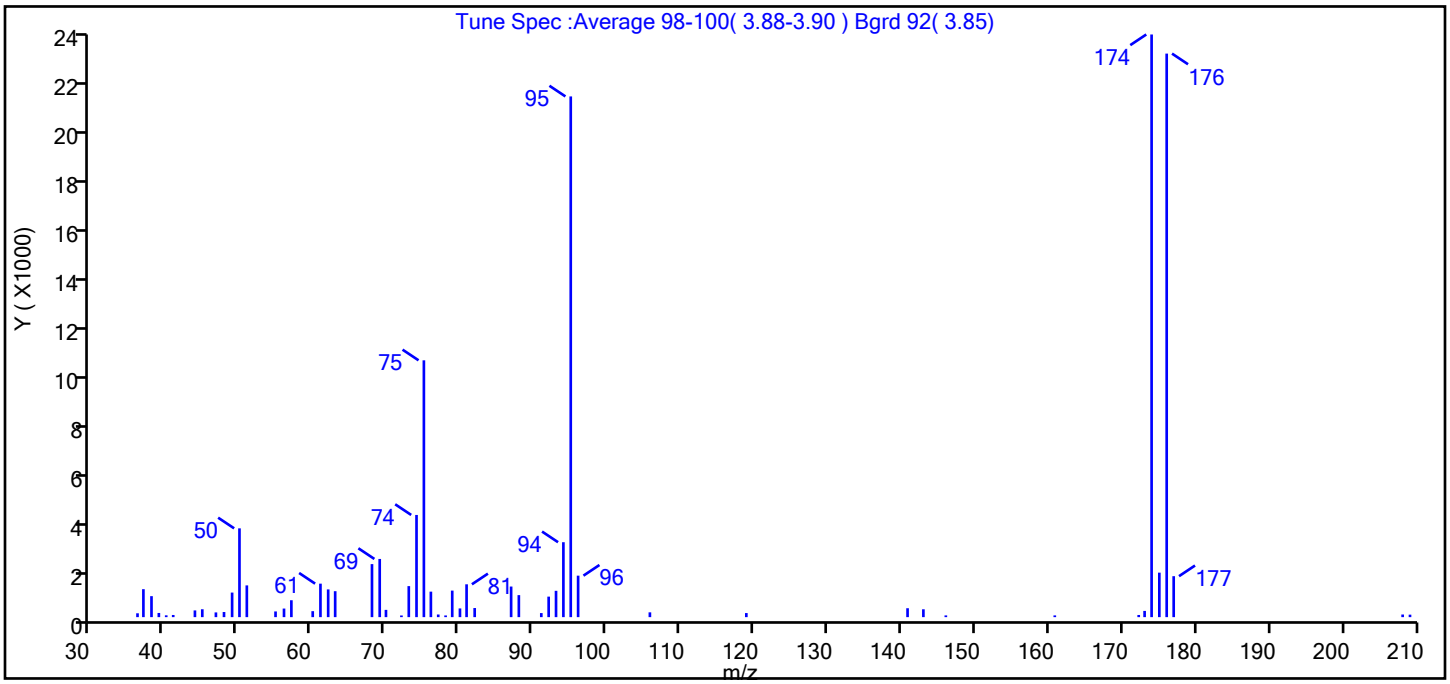
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D
Injection Date: 27-Oct-2023 10:37:20 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 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 (89.4)
96	5 to 9% of m/z 95	8.0
173	<2% of m/z 174	1.2 (1.1)
174	50 to 200% of m/z 95	111.9
175	5 to 9% of m/z 174	8.5 (7.6)
176	95 to 105% of m/z 174	108.2 (96.7)
177	5 to 10% of m/z 176	7.9 (7.3)

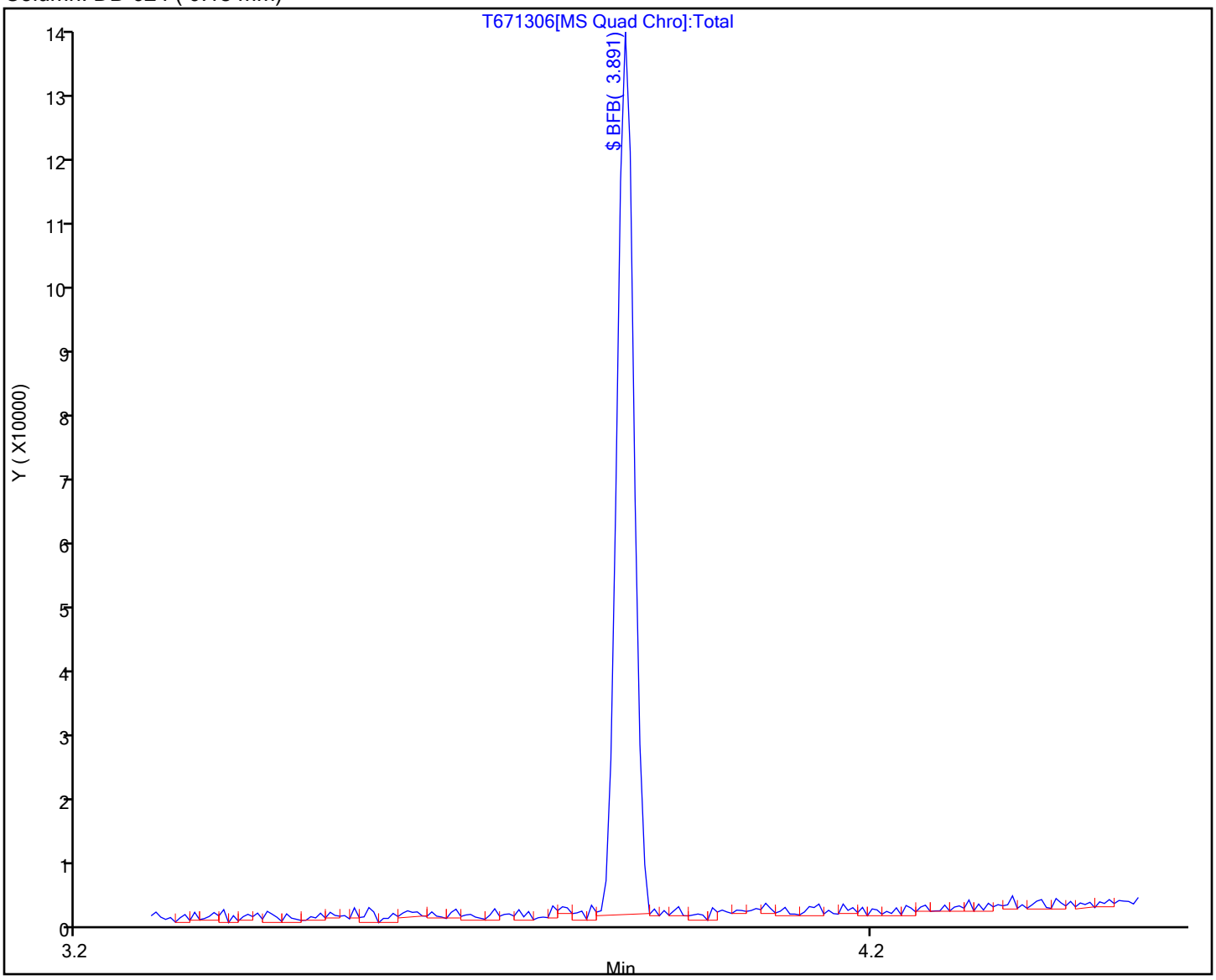
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D\8260W_15.rslt\spectra.d
Injection Date: 27-Oct-2023 10:37:20
Spectrum: Tune Spec :Average 98-100(3.88-3.90) Bgrd 92(3.85)
Base Peak: 173.95
Minimum % Base Peak: 0
Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	155	56.00	345	77.00	106	106.00	193
37.00	1123	57.00	679	78.00	68	119.00	164
38.00	843	60.00	240	79.00	1066	141.00	358
39.00	168	61.00	1345	80.00	350	143.00	316
40.00	73	62.00	1114	81.00	1319	146.00	70
41.00	87	63.00	1042	82.00	366	161.00	70
44.00	270	68.00	2130	87.00	1229	172.00	87
45.00	317	69.00	2337	88.00	884	173.00	250
47.00	190	70.00	292	91.00	163	174.00	23400
48.00	206	72.00	67	92.00	824	175.00	1787
49.00	987	73.00	1246	93.00	1057	176.00	22632
50.00	3566	74.00	4104	94.00	3009	177.00	1645
51.00	1275	75.00	10314	95.00	20912	208.00	106
55.00	229	76.00	1024	96.00	1666	209.00	100

Report Date: 28-Oct-2023 10:49:27 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671306.D
Injection Date: 27-Oct-2023 10:37:20 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-943343/9

Matrix: Water | Lab File ID: T671961.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 12:37

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.: 943343 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-943343/9

Matrix: Water | Lab File ID: T671961.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 12:37

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	89		70-128
460-00-4	Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2023 12:37:19 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0168581-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:05:31 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:59:07

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	3.237	3.242	-0.005	92	38869	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	57	296973	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	97	201210	50.0	43.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	97	179870	50.0	44.6	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	747741	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	36941	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	760520	50.0	52.4	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	80	581554	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	95	262394	50.0	50.5	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	312829	50.0	50.0	

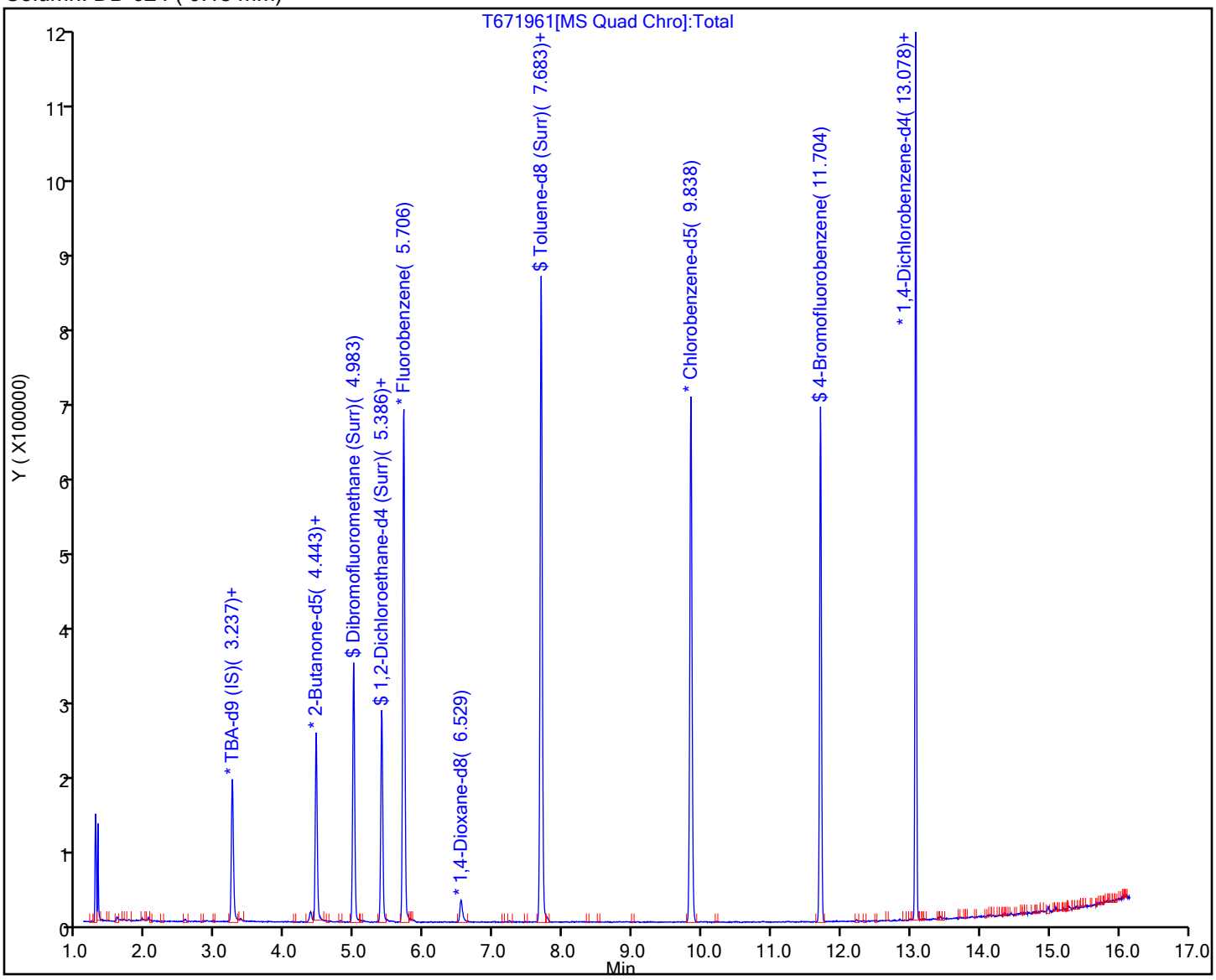
Reagents:

VOA6IS/SURR_00068 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Nov-2023 10:34:26 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Injection Date: 08-Nov-2023 12:37:19 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



11/10/2023
2:16 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671961.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2023 12:37:19 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0168581-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:05:31 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:59:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.8	87.63
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	44.6	89.26
$ 83 Toluene-d8 (Surr)	50.0	52.4	104.70
$ 105 4-Bromofluorobenzene	50.0	50.5	100.96

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-943343/5

Matrix: Water | Lab File ID: T671957.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 11:06

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.20
75-34-3	1,1-Dichloroethane	18.4		1.0	0.26
75-35-4	1,1-Dichloroethene	22.8		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.38
106-93-4	1,2-Dibromoethane	17.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.21
107-06-2	1,2-Dichloroethane	16.6		1.0	0.43
78-87-5	1,2-Dichloropropane	17.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
78-93-3	2-Butanone	94.2		5.0	1.9
591-78-6	2-Hexanone	85.3		5.0	1.1
108-10-1	4-Methyl-2-pentanone	86.7		5.0	1.3
67-64-1	Acetone	84.7		5.0	4.4
71-43-2	Benzene	21.9		1.0	0.20
75-27-4	Bromodichloromethane	15.9		1.0	0.34
75-25-2	Bromoform	17.8		1.0	0.54
74-83-9	Bromomethane	21.0		1.0	0.55
75-15-0	Carbon disulfide	36.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
108-90-7	Chlorobenzene	19.8		1.0	0.38
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	16.7		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
110-82-7	Cyclohexane	24.8		1.0	0.32
124-48-1	Dibromochloromethane	18.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.31
100-41-4	Ethylbenzene	19.5		1.0	0.30
76-13-1	Freon TF	19.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-943343/5

Matrix: Water | Lab File ID: T671957.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 11:06

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	19.6		1.0	0.34
108-87-2	Methylcyclohexane	23.8		1.0	0.71
75-09-2	Methylene Chloride	20.4		1.0	0.32
1634-04-4	MTBE	17.3		1.0	0.22
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	20.8		1.0	0.25
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	18.3		1.0	0.31
75-69-4	Trichlorofluoromethane	18.2		1.0	0.32
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	39.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2023 11:06:53 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0168581-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:56:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	89	5987	20.0	23.7	
3 Chlorotrifluoroethene	116	1.417	1.423	-0.006	93	30383	20.0	25.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	45126	20.0	20.9	
4 Dichlorodifluoromethane	85	1.449	1.454	-0.005	99	125710	20.0	20.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15582	20.0	18.2	
6 Chloromethane	50	1.627	1.627	0.000	99	124796	20.0	21.1	
7 Vinyl chloride	62	1.721	1.722	-0.001	98	150111	20.0	20.1	
8 Butadiene	54	1.748	1.748	0.000	92	143001	20.0	21.2	
9 Bromomethane	94	2.020	2.021	-0.001	99	98159	20.0	21.0	
10 Chloroethane	64	2.109	2.110	-0.001	98	78519	20.0	20.4	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	96	180614	20.0	17.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	92	156436	20.0	18.2	
13 Pentane	72	2.351	2.351	0.000	97	39119	40.0	70.6	
14 Ethanol	46	2.508	2.508	0.000	98	15782	800.0	887.6	
15 Ethyl ether	59	2.555	2.555	0.000	96	64719	20.0	18.1	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	76091	20.0	23.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	83	81650	20.0	17.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	97	131476	20.0	17.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	92868	20.0	19.7	
19 Acrolein	56	2.739	2.739	0.000	54	24196	40.0	33.6	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	94	92966	20.0	22.8	
22 Acetone	43	2.864	2.870	-0.006	92	91908	100.0	84.7	
23 Iodomethane	142	2.927	2.933	-0.006	98	110779	20.0	18.7	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	31	39319	200.0	194.6	
24 Carbon disulfide	76	2.964	2.964	0.000	98	320920	20.0	36.4	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	84	60047	20.0	22.6	
28 Methyl acetate	43	3.127	3.132	-0.005	74	93879	40.0	34.7	
29 Cyclopentene	67	3.132	3.137	-0.005	92	202793	20.0	28.4	
26 Acetonitrile	41	3.190	3.190	0.000	99	88692	200.0	201.3	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	96	42220	1000.0	1000.0	
30 Methylene Chloride	84	3.252	3.253	-0.001	85	107918	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
32 2-Methyl-2-propanol	59	3.315	3.321	-0.006	98	61895	200.0	170.6	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	96	209308	20.0	17.3	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	87	103835	20.0	21.6	
33 Acrylonitrile	53	3.536	3.541	-0.005	95	299256	200.0	204.6	
36 Hexane	57	3.630	3.635	-0.005	87	117487	20.0	31.7	
40 Isopropyl ether	45	3.866	3.866	0.000	95	215277	20.0	17.2	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	152639	20.0	18.4	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	39691	40.0	46.8	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	83	88360	20.0	21.5	
41 Tert-butyl ethyl ether	59	4.222	4.223	-0.001	91	206025	20.0	17.5	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	331775	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	72	35734	20.0	17.8	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	85	113971	20.0	19.2	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	47361	100.0	94.2	
47 Ethyl acetate	70	4.516	4.511	0.005	97	14696	40.0	34.3	
48 Methyl acrylate	55	4.574	4.574	0.000	99	64101	20.0	18.6	
46 Propionitrile	54	4.658	4.653	0.005	100	113531	200.0	193.6	
51 Tetrahydrofuran	72	4.742	4.736	0.006	71	19853	40.0	37.8	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	57889	20.0	19.0	
50 Methacrylonitrile	67	4.773	4.773	0.000	85	347956	200.0	181.4	
52 Chloroform	83	4.804	4.805	-0.001	93	155929	20.0	16.7	
55 Cyclohexane	84	4.946	4.941	0.005	85	144281	20.0	24.8	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	97	137645	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	98	193305	50.0	42.7	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	128251	20.0	18.4	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	96	121136	20.0	19.9	
59 Isobutyl alcohol	43	5.287	5.292	-0.005	94	62330	500.0	330.5	
62 Isooctane	57	5.334	5.339	-0.005	99	204799	20.0	22.0	
60 Benzene	78	5.365	5.366	-0.001	95	373754	20.0	21.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	94	182498	50.0	45.9	
64 Tert-amyl methyl ether	73	5.449	5.450	-0.001	83	212698	20.0	17.2	
63 Isopropyl acetate	61	5.449	5.450	-0.001	81	37326	20.0	16.9	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	90	92197	20.0	16.6	
66 n-Heptane	43	5.554	5.554	0.000	86	78163	20.0	25.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	737848	50.0	50.0	
68 n-Butanol	56	6.068	6.073	-0.005	80	40961	500.0	461.6	
67 Trichloroethene	95	6.115	6.115	0.000	95	95659	20.0	18.3	
70 Methylcyclohexane	83	6.257	6.262	-0.005	93	148807	20.0	23.8	a
69 Ethyl acrylate	55	6.273	6.273	-0.001	96	173943	20.0	20.0	
71 1,2-Dichloropropane	63	6.461	6.461	0.000	92	87669	20.0	17.8	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	1	36542	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	79	41914	40.0	34.6	
74 1,4-Dioxane	88	6.598	6.603	-0.005	43	19183	400.0	377.0	
72 Dibromomethane	93	6.608	6.614	-0.006	90	56760	20.0	16.4	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	77623	20.0	16.3	
77 Dichlorobromomethane	83	6.792	6.792	0.000	95	110885	20.0	15.9	
78 2-Nitropropane	41	7.195	7.201	-0.006	90	27672	40.0	31.0	
79 2-Chloroethyl vinyl ether	106	7.216	7.211	0.005	86	9556	20.0	15.6	
80 Epichlorohydrin	57	7.326	7.327	-0.001	98	127878	400.0	355.9	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	87	148936	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	93	264740	100.0	86.7	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	99	744847	50.0	52.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.772	7.777	-0.005	92	406416	20.0	20.8	
85 trans-1,3-Dichloropropene	75	8.207	8.202	0.005	93	122793	20.0	18.6	
86 Ethyl methacrylate	69	8.260	8.255	0.005	83	88870	20.0	18.8	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	94	67270	20.0	18.6	
88 Tetrachloroethene	166	8.501	8.501	0.000	97	116436	20.0	20.8	
89 1,3-Dichloropropane	76	8.716	8.716	0.000	86	126694	20.0	19.0	
90 2-Hexanone	43	8.805	8.805	0.000	93	181887	100.0	85.3	
93 n-Butyl acetate	43	8.957	8.957	0.000	97	87369	20.0	18.3	
91 Chlorodibromomethane	129	8.983	8.989	-0.006	96	96239	20.0	18.1	
92 Ethylene Dibromide	107	9.167	9.167	0.000	100	79663	20.0	17.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	567840	50.0	50.0	
95 Chlorobenzene	112	9.880	9.885	-0.005	98	265076	20.0	19.8	
97 Ethylbenzene	106	10.021	10.016	0.005	97	140326	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	56	92467	20.0	17.3	
98 m-Xylene & p-Xylene	106	10.221	10.216	0.005	89	172383	20.0	20.5	
99 o-Xylene	106	10.860	10.860	0.000	95	164434	20.0	19.3	
101 n-Butyl acrylate	73	10.876	10.876	0.000	86	56376	20.0	17.9	
100 Styrene	104	10.907	10.908	-0.001	97	275200	20.0	19.7	
102 Bromoform	173	11.222	11.222	0.000	96	66376	20.0	17.8	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	93711	20.0	17.9	
104 Isopropylbenzene	105	11.426	11.432	-0.006	95	404914	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	11.710	11.705	0.005	94	254356	50.0	50.1	
106 Bromobenzene	156	11.877	11.883	-0.006	83	116100	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	88719	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	476437	20.0	20.0	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	93	27040	20.0	17.5	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	15693	20.0	15.7	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	291893	20.0	18.6	
112 4-Ethyltoluene	105	12.155	12.150	0.005	98	389828	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	12.244	12.239	0.005	93	310248	20.0	19.3	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	290340	20.0	18.4	
115 Butyl Methacrylate	87	12.391	12.391	0.000	83	96401	20.0	18.6	
116 tert-Butylbenzene	119	12.601	12.601	0.000	94	272147	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	317935	20.0	18.9	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	391085	20.0	19.9	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	198895	20.0	18.8	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	333330	20.0	19.6	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	301346	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	199429	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.006	98	310013	20.0	18.7	
124 Benzyl chloride	91	13.262	13.262	0.000	100	171985	20.0	18.5	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	90	317729	20.0	19.3	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	96	195462	20.0	19.4	
128 n-Butylbenzene	92	13.429	13.430	-0.001	96	154725	20.0	18.9	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	173492	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	96	253331	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	85	18416	20.0	17.2	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	117901	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	90223	20.0	19.4	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	80	45452	20.0	19.7	
134 Naphthalene	128	15.091	15.092	-0.001	99	185768	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	67431	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	102.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 00:56:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D

Injection Date: 08-Nov-2023 11:06:53 Instrument ID: CVOAMS15

Lims ID: LCS

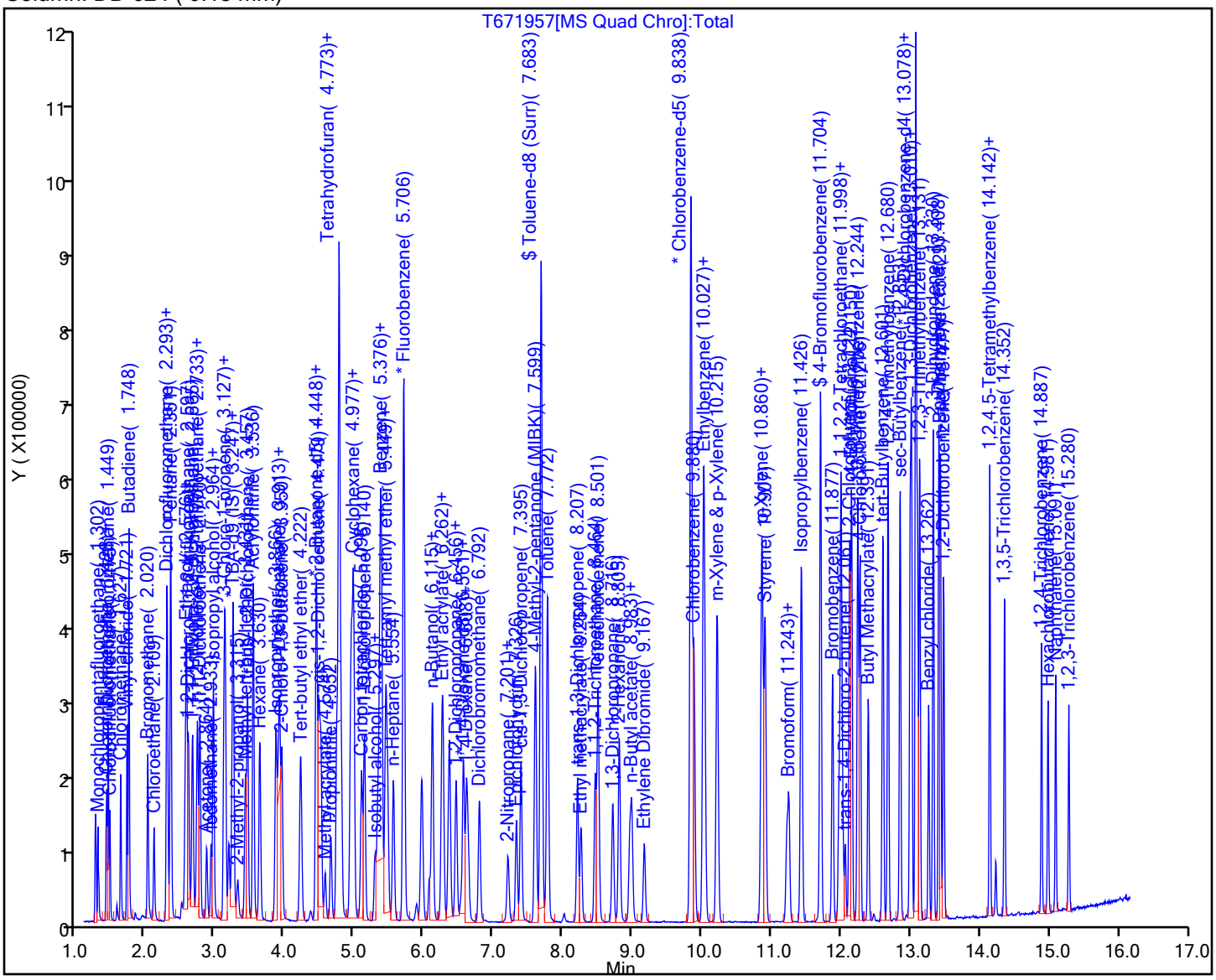
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2023 11:06:53 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0168581-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 00:55:56 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 00:56:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.7	85.31
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.77
$ 83 Toluene-d8 (Surr)	50.0	52.5	105.02
$ 105 4-Bromofluorobenzene	50.0	50.1	100.23

Manual Integration/User Assign Peak Report

Eurofins Edison

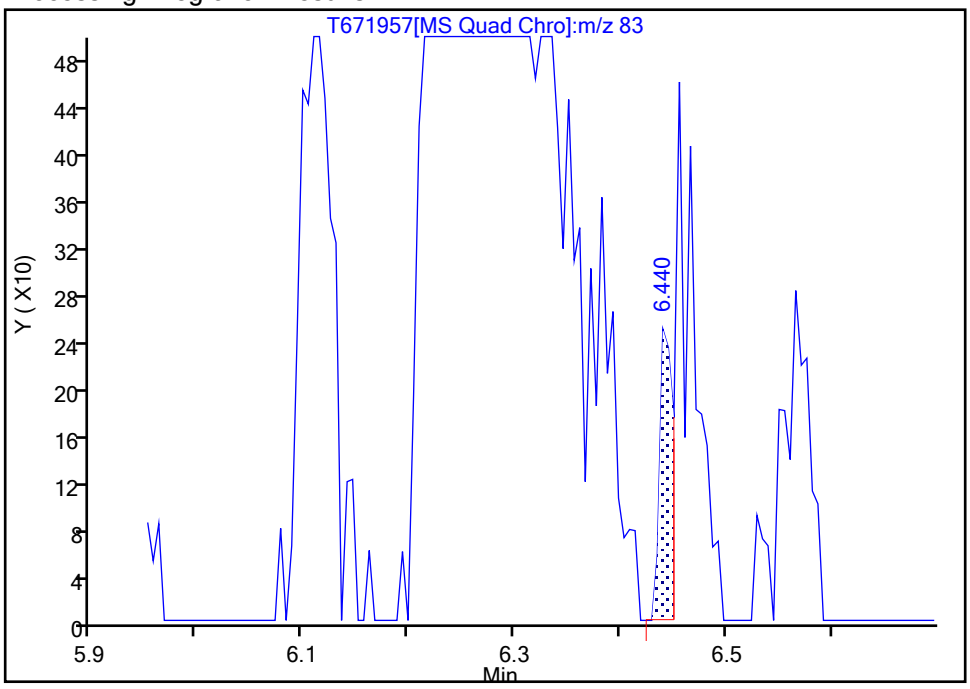
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671957.D
Injection Date: 08-Nov-2023 11:06:53 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

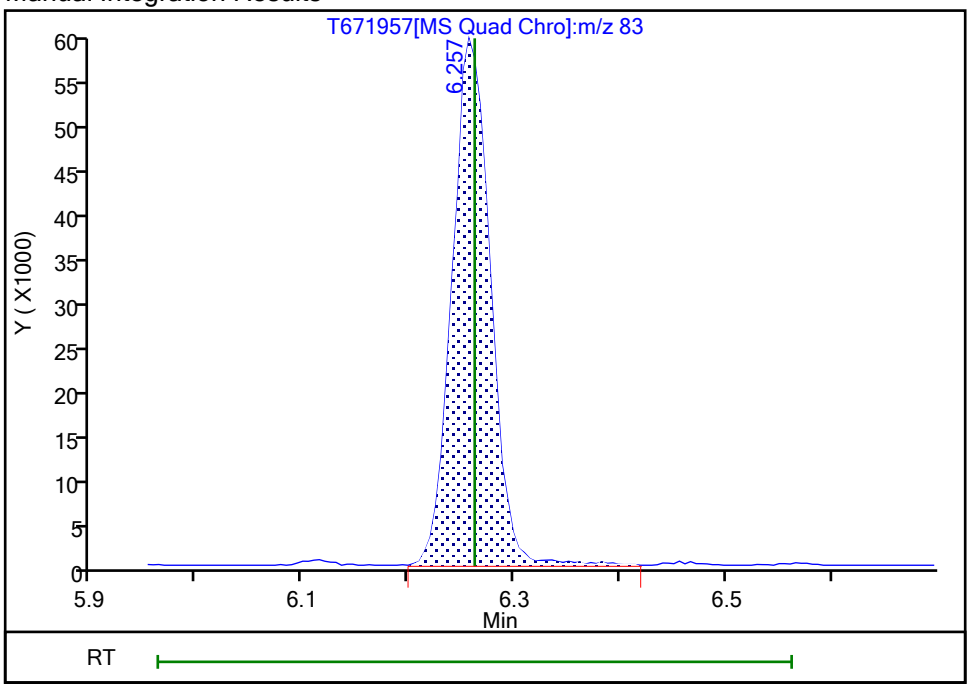
Processing Integration Results

RT: 6.44
Area: 225
Amount: 0.035987
Amount Units: ug/l



Manual Integration Results

RT: 6.26
Area: 148807
Amount: 23.800840
Amount Units: ug/l



Reviewer: K0HS, 08-Nov-2023 11:25:21 -05:00:00 (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.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MS | Lab Sample ID: 460-292076-1 MS

Matrix: Water | Lab File ID: T671967.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 14:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	23.9		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	18.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
106-93-4	1,2-Dibromoethane	18.0		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.21
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
78-93-3	2-Butanone	97.4		5.0	1.9
591-78-6	2-Hexanone	90.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone	93.6		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	27.8		1.0	0.20
75-27-4	Bromodichloromethane	16.6		1.0	0.34
75-25-2	Bromoform	17.0		1.0	0.54
74-83-9	Bromomethane	17.1		1.0	0.55
75-15-0	Carbon disulfide	37.9		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	24.5		1.0	0.32
67-66-3	Chloroform	17.1		1.0	0.33
74-87-3	Chloromethane	21.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.22
110-82-7	Cyclohexane	46.3		1.0	0.32
124-48-1	Dibromochloromethane	17.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.8		1.0	0.31
100-41-4	Ethylbenzene	21.1		1.0	0.30
76-13-1	Freon TF	20.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MS | Lab Sample ID: 460-292076-1 MS

Matrix: Water | Lab File ID: T671967.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 14:53

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	33.0		1.0	0.34
108-87-2	Methylcyclohexane	30.0		1.0	0.71
75-09-2	Methylene Chloride	24.7		1.0	0.32
1634-04-4	MTBE	18.0		1.0	0.22
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
79-01-6	Trichloroethene	76.0		1.0	0.31
75-69-4	Trichlorofluoromethane	18.6		1.0	0.32
75-01-4	Vinyl chloride	20.5		1.0	0.17
1330-20-7	Xylenes, Total	41.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D
Lims ID: 460-292076-C-1 MS
Client ID: NL-MW-3_20231107
Sample Type: MS
Inject. Date: 08-Nov-2023 14:53:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MS
Misc. Info.: 460-0168581-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	27	6220	20.0	24.1	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	86	30305	20.0	25.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	45689	20.0	20.8	
4 Dichlorodifluoromethane	85	1.449	1.454	-0.005	100	128716	20.0	20.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	15978	20.0	18.3	
6 Chloromethane	50	1.627	1.627	0.000	99	130322	20.0	21.6	
7 Vinyl chloride	62	1.722	1.722	0.000	98	156694	20.0	20.5	
8 Butadiene	54	1.748	1.748	0.000	90	144316	20.0	20.9	
9 Bromomethane	94	2.020	2.021	-0.001	98	81542	20.0	17.1	
10 Chloroethane	64	2.110	2.110	0.000	96	83266	20.0	24.5	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	97	188585	20.0	18.1	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	99	163527	20.0	18.6	
13 Pentane	72	2.351	2.351	0.000	97	42232	40.0	74.6	
14 Ethanol	46	2.508	2.508	0.000	98	15997	800.0	914.6	
15 Ethyl ether	59	2.555	2.555	0.000	91	69013	20.0	18.9	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	78531	20.0	23.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	92	88287	20.0	18.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	96	136591	20.0	17.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.734	2.734	0.000	95	97952	20.0	20.4	
19 Acrolein	56	2.734	2.739	-0.005	56	39817	40.0	54.0	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	94	99675	20.0	23.9	
22 Acetone	43	2.870	2.870	0.000	92	83603	100.0	87.0	
23 Iodomethane	142	2.928	2.933	-0.005	97	101427	20.0	16.8	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	32	40039	200.0	201.4	
24 Carbon disulfide	76	2.964	2.964	0.000	98	341389	20.0	37.9	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	89	64270	20.0	23.7	
28 Methyl acetate	43	3.127	3.132	-0.005	89	349265	40.0	126.4	
29 Cyclopentene	67	3.137	3.137	0.000	88	217439	20.0	29.8	
26 Acetonitrile	41	3.190	3.190	0.000	98	61600	200.0	157.9	
* 31 TBA-d9 (IS)	66	3.237	3.242	-0.005	93	41533	1000.0	1000.0	
30 Methylene Chloride	84	3.253	3.253	0.000	83	133571	20.0	24.7	

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	3.316	3.321	-0.005	99	62740	200.0	175.8	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	97	222347	20.0	18.0	a
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	76	107776	20.0	22.0	
33 Acrylonitrile	53	3.536	3.541	-0.005	97	283589	200.0	189.9	
36 Hexane	57	3.635	3.635	0.000	86	111585	20.0	29.5	
40 Isopropyl ether	45	3.866	3.866	0.000	94	219358	20.0	17.1	
37 1,1-Dichloroethane	63	3.903	3.898	0.005	94	153068	20.0	18.0	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	39904	40.0	53.1	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	87	89068	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.217	4.223	-0.006	92	211912	20.0	17.6	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	91	293810	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	77	38229	20.0	18.6	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	91	126418	20.0	20.8	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	43357	100.0	97.4	
47 Ethyl acetate	70	4.516	4.511	0.005	97	17748	40.0	46.7	
48 Methyl acrylate	55	4.574	4.574	0.000	98	62896	20.0	17.9	
46 Propionitrile	54	4.653	4.653	-0.001	98	110914	200.0	185.1	
51 Tetrahydrofuran	72	4.742	4.736	0.006	68	20240	40.0	43.8	
49 Chlorobromomethane	128	4.742	4.742	0.000	73	59617	20.0	19.1	
50 Methacrylonitrile	67	4.773	4.773	0.000	83	375681	200.0	191.7	
52 Chloroform	83	4.805	4.805	0.000	99	162989	20.0	17.1	
55 Cyclohexane	84	4.946	4.941	0.005	88	275841	20.0	46.3	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	85	139784	20.0	17.7	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	195289	50.0	42.2	
56 Carbon tetrachloride	117	5.098	5.098	0.000	89	130916	20.0	18.3	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	92	123477	20.0	19.9	
59 Isobutyl alcohol	43	5.292	5.292	0.000	91	77148	500.0	415.8	
62 Isooctane	57	5.339	5.339	0.000	90	213807	20.0	22.4	
60 Benzene	78	5.366	5.366	0.000	95	489365	20.0	27.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	90	184022	50.0	45.3	
64 Tert-amyl methyl ether	73	5.444	5.450	-0.006	83	218545	20.0	17.3	
63 Isopropyl acetate	61	5.455	5.450	0.005	78	38611	20.0	17.1	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	94	93769	20.0	16.5	
66 n-Heptane	43	5.560	5.554	0.006	83	71261	20.0	23.2	
* 65 Fluorobenzene	96	5.706	5.706	0.000	99	753843	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	57	37763	500.0	432.6	
67 Trichloroethene	95	6.115	6.115	0.000	94	406455	20.0	76.0	
70 Methylcyclohexane	83	6.257	6.262	-0.005	93	191780	20.0	30.0	
69 Ethyl acrylate	55	6.267	6.273	-0.006	93	226154	20.0	25.4	
71 1,2-Dichloropropane	63	6.456	6.461	-0.005	93	88309	20.0	17.5	
* 73 1,4-Dioxane-d8	96	6.535	6.535	0.000	2	35992	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	76	43789	40.0	35.4	
74 1,4-Dioxane	88	6.592	6.603	-0.011	53	18487	400.0	368.9	
72 Dibromomethane	93	6.608	6.614	-0.006	90	58082	20.0	16.5	
76 n-Propyl acetate	43	6.634	6.634	0.000	96	76731	20.0	15.7	
77 Dichlorobromomethane	83	6.792	6.792	0.000	94	118587	20.0	16.6	
78 2-Nitropropane	41	7.195	7.201	-0.006	94	35604	40.0	39.1	
80 Epichlorohydrin	57	7.327	7.327	-0.001	98	116899	400.0	367.4	
81 cis-1,3-Dichloropropene	75	7.389	7.395	-0.006	87	147402	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	252923	100.0	93.6	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	760028	50.0	52.0	
84 Toluene	91	7.777	7.777	0.000	91	427485	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
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	90	123279	20.0	18.1	
86 Ethyl methacrylate	69	8.260	8.255	0.005	85	94733	20.0	19.5	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	96	69710	20.0	18.7	
88 Tetrachloroethene	166	8.501	8.501	0.000	96	122696	20.0	21.3	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	87	130231	20.0	19.0	
90 2-Hexanone	43	8.810	8.805	0.005	91	170784	100.0	90.4	
93 n-Butyl acetate	43	8.957	8.957	0.000	96	85136	20.0	17.3	
91 Chlorodibromomethane	129	8.983	8.989	-0.006	96	97623	20.0	17.8	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	82359	20.0	18.0	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	83	585039	50.0	50.0	
95 Chlorobenzene	112	9.880	9.885	-0.005	99	277767	20.0	20.1	
97 Ethylbenzene	106	10.016	10.016	0.000	97	156058	20.0	21.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	48	98502	20.0	17.9	
98 m-Xylene & p-Xylene	106	10.215	10.216	-0.001	95	182740	20.0	21.1	
99 o-Xylene	106	10.855	10.860	-0.005	96	174715	20.0	19.9	
101 n-Butyl acrylate	73	10.876	10.876	0.000	86	58250	20.0	18.0	
100 Styrene	104	10.908	10.908	0.000	97	284761	20.0	19.8	
102 Bromoform	173	11.222	11.222	0.000	97	65398	20.0	17.0	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	92	92857	20.0	16.9	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	702545	20.0	33.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	94	266739	50.0	51.0	
106 Bromobenzene	156	11.878	11.883	-0.005	80	126381	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	97	88185	20.0	17.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	597185	20.0	23.9	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	94	27096	20.0	16.7	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	91	15405	20.0	14.7	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	299113	20.0	18.2	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	412969	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	319498	20.0	19.0	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	298126	20.0	18.0	
115 Butyl Methacrylate	87	12.391	12.391	0.000	82	102822	20.0	18.9	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	306623	20.0	21.0	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	333829	20.0	18.9	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	507576	20.0	24.6	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	210138	20.0	19.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	342138	20.0	19.2	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	315598	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	213448	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.005	97	340114	20.0	19.6	
124 Benzyl chloride	91	13.262	13.262	0.000	100	166000	20.0	17.1	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	89	362217	20.0	21.0	
127 p-Diethylbenzene	119	13.409	13.409	-0.001	96	215859	20.0	20.5	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	158395	20.0	18.5	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	99	184415	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	267633	20.0	19.1	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.232	0.000	85	18085	20.0	16.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	120839	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	91011	20.0	18.7	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	82	46686	20.0	19.3	
134 Naphthalene	128	15.092	15.092	0.000	99	177428	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	96	65376	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	

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	41.0	
S 140 Total BTEX	1				0		100.0	111.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 01:01:08 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D

Injection Date: 08-Nov-2023 14:53:01 Instrument ID: CVOAMS15

Lims ID: 460-292076-C-1 MS

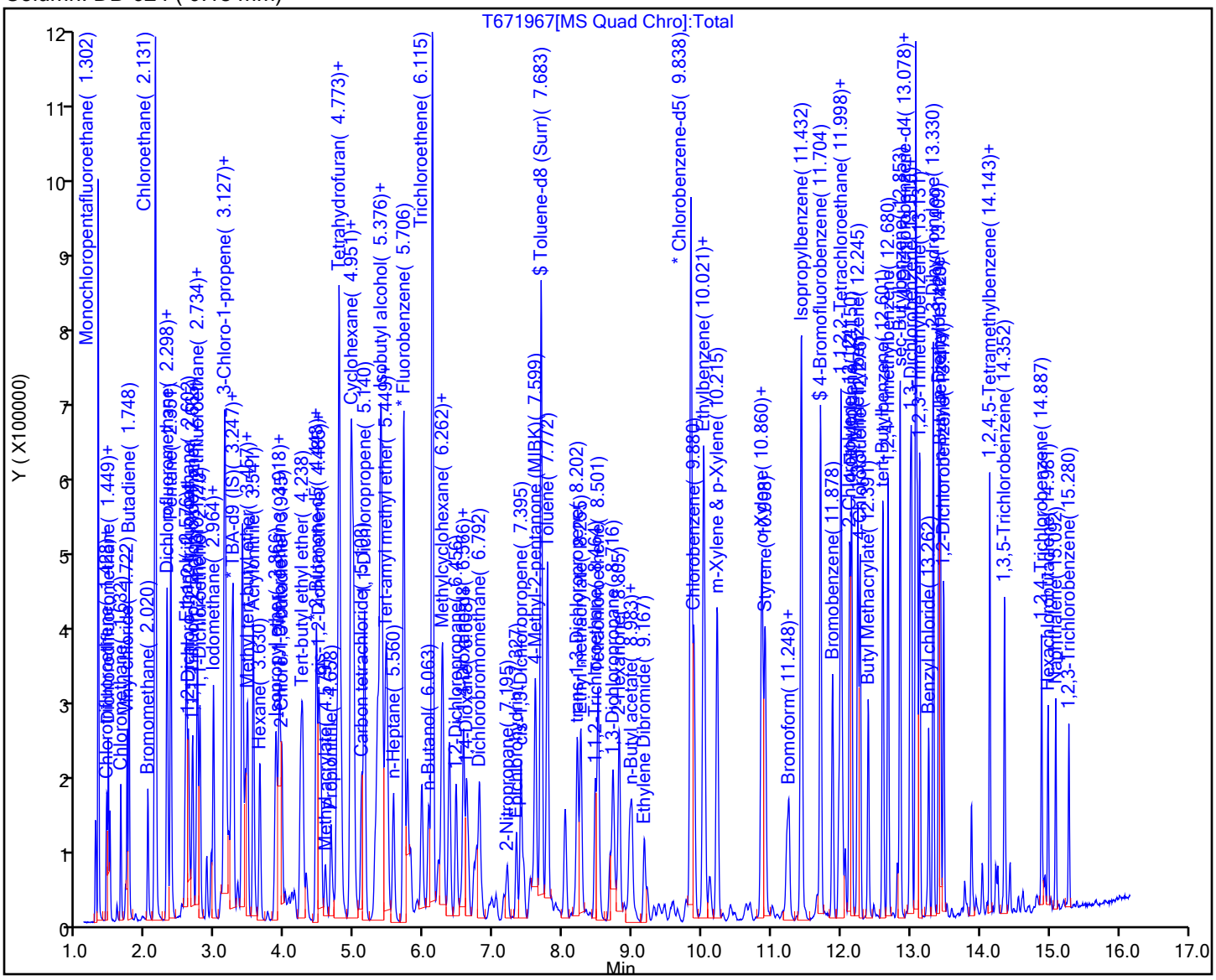
Client ID: NL-MW-3_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D
Lims ID: 460-292076-C-1 MS
Client ID: NL-MW-3_20231107
Sample Type: MS
Inject. Date: 08-Nov-2023 14:53:01 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MS
Misc. Info.: 460-0168581-015
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.2	84.36
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	45.3	90.58
$ 83 Toluene-d8 (Surr)	50.0	52.0	104.01
$ 105 4-Bromofluorobenzene	50.0	51.0	102.02

Manual Integration/User Assign Peak Report

Eurofins Edison

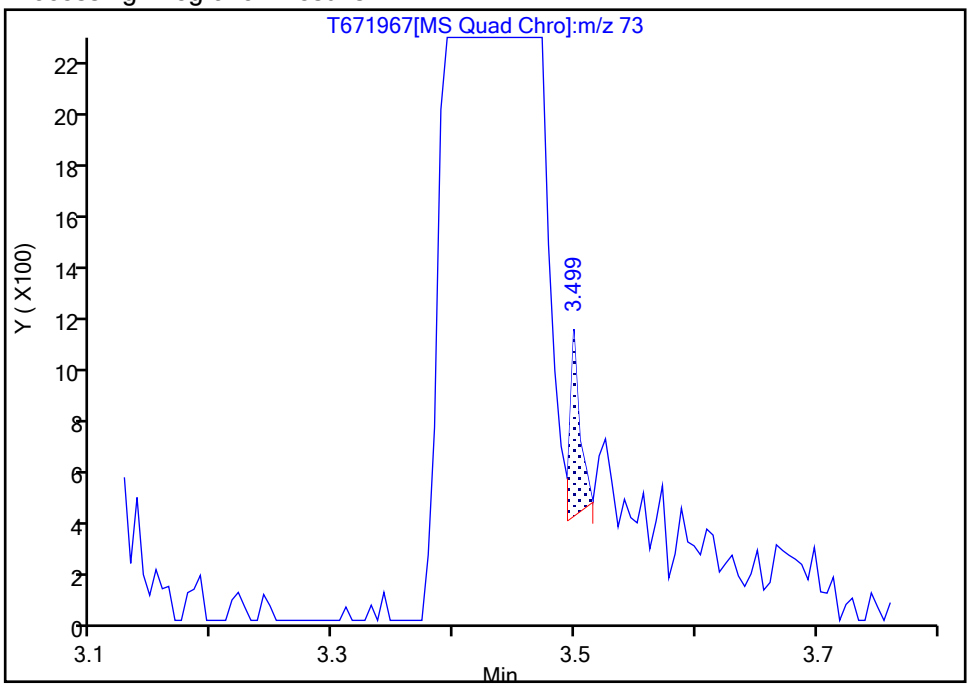
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671967.D				
Injection Date:	08-Nov-2023 14:53:01	Instrument ID:	CVOAMS15		
Lims ID:	460-292076-C-1 MS				
Client ID:	NL-MW-3_20231107				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

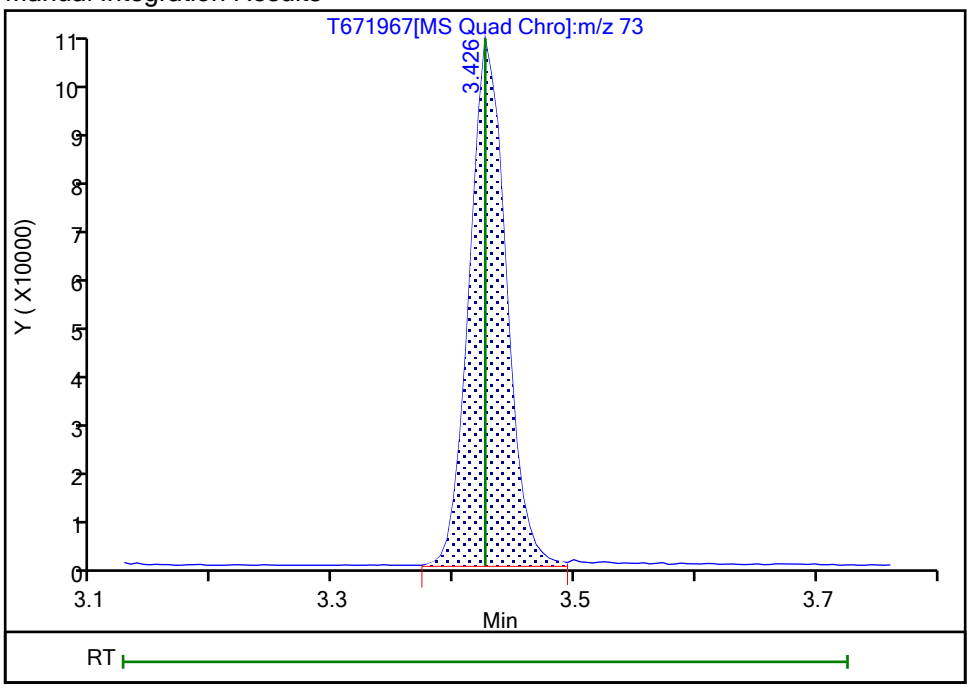
Processing Integration Results

RT: 3.50
Area: 403
Amount: 0.032554
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 222347
Amount: 17.960794
Amount Units: ug/l



Reviewer: HVW2, 09-Nov-2023 01:00:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MSD | Lab Sample ID: 460-292076-1 MSD

Matrix: Water | Lab File ID: T671968.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 15:15

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	24.5		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.0	0.38
106-93-4	1,2-Dibromoethane	17.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.21
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.33
78-93-3	2-Butanone	99.1		5.0	1.9
591-78-6	2-Hexanone	88.9		5.0	1.1
108-10-1	4-Methyl-2-pentanone	92.2		5.0	1.3
67-64-1	Acetone	88.4		5.0	4.4
71-43-2	Benzene	27.7		1.0	0.20
75-27-4	Bromodichloromethane	16.3		1.0	0.34
75-25-2	Bromoform	16.9		1.0	0.54
74-83-9	Bromomethane	18.5		1.0	0.55
75-15-0	Carbon disulfide	38.5		1.0	0.82
56-23-5	Carbon tetrachloride	18.5		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
75-00-3	Chloroethane	23.0		1.0	0.32
67-66-3	Chloroform	17.5		1.0	0.33
74-87-3	Chloromethane	20.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.22
110-82-7	Cyclohexane	45.0		1.0	0.32
124-48-1	Dibromochloromethane	17.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	19.6		1.0	0.31
100-41-4	Ethylbenzene	20.9		1.0	0.30
76-13-1	Freon TF	20.5		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292076-1

SDG No.:

Client Sample ID: NL-MW-3_20231107 MSD | Lab Sample ID: 460-292076-1 MSD

Matrix: Water | Lab File ID: T671968.D

Analysis Method: 8260D | Date Collected: 11/07/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2023 15:15

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.: 943343 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	32.4		1.0	0.34
108-87-2	Methylcyclohexane	30.2		1.0	0.71
75-09-2	Methylene Chloride	24.9		1.0	0.32
1634-04-4	MTBE	18.6		1.0	0.22
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.22
79-01-6	Trichloroethene	77.5		1.0	0.31
75-69-4	Trichlorofluoromethane	18.8		1.0	0.32
75-01-4	Vinyl chloride	19.8		1.0	0.17
1330-20-7	Xylenes, Total	40.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	84		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D
Lims ID: 460-292076-C-1 MSD
Client ID: NL-MW-3_20231107
Sample Type: MSD
Inject. Date: 08-Nov-2023 15:15:35 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MSD
Misc. Info.: 460-0168581-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.318	0.000	27	5934	20.0	23.2	
3 Chlorotrifluoroethene	116	1.423	1.423	0.000	87	28362	20.0	23.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	42967	20.0	19.7	
4 Dichlorodifluoromethane	85	1.454	1.454	0.000	99	120048	20.0	19.6	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	98	14584	20.0	16.9	
6 Chloromethane	50	1.632	1.627	0.005	88	124266	20.0	20.8	
7 Vinyl chloride	62	1.722	1.722	0.000	99	149323	20.0	19.8	
8 Butadiene	54	1.748	1.748	0.000	91	139436	20.0	20.5	
9 Bromomethane	94	2.020	2.021	-0.001	98	87413	20.0	18.5	
10 Chloroethane	64	2.110	2.110	0.000	97	82491	20.0	23.0	
11 Dichlorofluoromethane	67	2.293	2.293	0.000	89	186417	20.0	18.1	
12 Trichlorofluoromethane	101	2.304	2.298	0.006	98	162785	20.0	18.8	
13 Pentane	72	2.351	2.351	0.000	97	41944	40.0	75.0	
14 Ethanol	46	2.508	2.508	0.000	99	16969	800.0	929.8	
15 Ethyl ether	59	2.555	2.555	0.000	90	70231	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	92	78518	20.0	23.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.603	-0.001	93	89357	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.665	2.665	0.000	88	139264	20.0	18.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.734	-0.001	97	97417	20.0	20.5	
19 Acrolein	56	2.739	2.739	0.000	57	40568	40.0	55.7	
20 1,1-Dichloroethene	96	2.770	2.770	0.000	92	101031	20.0	24.5	
22 Acetone	43	2.870	2.870	0.000	90	89559	100.0	88.4	
23 Iodomethane	142	2.933	2.933	0.000	99	110271	20.0	18.5	
25 Isopropyl alcohol	45	2.959	2.964	-0.005	32	43333	200.0	208.9	
24 Carbon disulfide	76	2.964	2.964	0.000	98	342871	20.0	38.5	
27 3-Chloro-1-propene	76	3.116	3.116	0.000	89	62904	20.0	23.5	
28 Methyl acetate	43	3.127	3.132	-0.005	88	353250	40.0	129.3	
29 Cyclopentene	67	3.137	3.137	0.000	88	220030	20.0	30.5	
26 Acetonitrile	41	3.184	3.190	-0.006	98	60004	200.0	146.0	
* 31 TBA-d9 (IS)	66	3.242	3.242	0.000	93	43333	1000.0	1000.0	
30 Methylene Chloride	84	3.253	3.253	0.000	85	133473	20.0	24.9	

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	3.310	3.321	-0.011	98	66786	200.0	179.3	
35 Methyl tert-butyl ether	73	3.426	3.426	0.000	97	228245	20.0	18.6	
34 trans-1,2-Dichloroethene	96	3.457	3.457	0.000	87	107439	20.0	22.2	
33 Acrylonitrile	53	3.541	3.541	0.000	97	293740	200.0	198.9	
36 Hexane	57	3.635	3.635	0.000	89	111985	20.0	30.0	
40 Isopropyl ether	45	3.866	3.866	0.000	94	218912	20.0	17.3	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	151083	20.0	18.0	
38 Vinyl acetate	86	3.918	3.924	-0.006	99	41472	40.0	52.4	
39 2-Chloro-1,3-butadiene	88	3.950	3.950	0.000	84	88103	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.217	4.223	-0.006	91	211314	20.0	17.7	
* 42 2-Butanone-d5	46	4.443	4.443	0.000	92	309501	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	72	35909	20.0	17.7	
43 cis-1,2-Dichloroethene	96	4.485	4.485	0.000	92	127017	20.0	21.1	
45 2-Butanone (MEK)	72	4.506	4.506	0.000	98	46439	100.0	99.1	
47 Ethyl acetate	70	4.516	4.511	0.005	97	16388	40.0	40.9	
48 Methyl acrylate	55	4.574	4.574	0.000	99	62791	20.0	18.1	
46 Propionitrile	54	4.658	4.653	0.005	97	115536	200.0	195.0	
51 Tetrahydrofuran	72	4.742	4.736	0.006	72	21019	40.0	43.1	
49 Chlorobromomethane	128	4.742	4.742	0.000	75	58010	20.0	18.8	
50 Methacrylonitrile	67	4.773	4.773	0.000	84	380767	200.0	196.5	
52 Chloroform	83	4.805	4.805	-0.001	99	164727	20.0	17.5	
55 Cyclohexane	84	4.946	4.941	0.005	89	265021	20.0	45.0	
54 1,1,1-Trichloroethane	97	4.962	4.962	0.000	82	138794	20.0	17.8	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.983	0.000	96	192262	50.0	42.0	
56 Carbon tetrachloride	117	5.098	5.098	0.000	98	130353	20.0	18.5	
57 1,1-Dichloropropene	75	5.140	5.140	0.000	93	121755	20.0	19.8	
59 Isobutyl alcohol	43	5.292	5.292	0.000	91	87714	500.0	453.1	
62 Isooctane	57	5.334	5.339	-0.005	87	214359	20.0	22.8	
60 Benzene	78	5.366	5.366	0.000	95	484183	20.0	27.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.386	5.387	-0.001	91	187352	50.0	46.6	
64 Tert-amyl methyl ether	73	5.449	5.450	-0.001	83	219116	20.0	17.6	
63 Isopropyl acetate	61	5.444	5.450	-0.006	80	36829	20.0	16.5	
61 1,2-Dichloroethane	62	5.476	5.476	0.000	95	92998	20.0	16.5	
66 n-Heptane	43	5.560	5.554	0.006	87	72787	20.0	23.9	
* 65 Fluorobenzene	96	5.706	5.706	0.000	100	745265	50.0	50.0	
68 n-Butanol	56	6.073	6.073	0.000	58	40495	500.0	444.6	
67 Trichloroethene	95	6.115	6.115	0.000	94	409796	20.0	77.5	
70 Methylcyclohexane	83	6.257	6.262	-0.005	94	190440	20.0	30.2	
69 Ethyl acrylate	55	6.267	6.273	-0.006	93	225745	20.0	25.7	
71 1,2-Dichloropropane	63	6.456	6.461	-0.005	92	85568	20.0	17.2	
* 73 1,4-Dioxane-d8	96	6.529	6.535	-0.006	3	36450	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.566	0.000	77	43032	40.0	35.2	
74 1,4-Dioxane	88	6.592	6.603	-0.011	54	19715	400.0	388.5	
72 Dibromomethane	93	6.608	6.614	-0.006	88	57961	20.0	16.6	
76 n-Propyl acetate	43	6.640	6.634	0.006	96	78427	20.0	16.3	
77 Dichlorobromomethane	83	6.792	6.792	0.000	98	114639	20.0	16.3	
78 2-Nitropropane	41	7.195	7.201	-0.006	93	36699	40.0	40.8	
80 Epichlorohydrin	57	7.326	7.327	-0.001	99	119007	400.0	355.0	
81 cis-1,3-Dichloropropene	75	7.395	7.395	0.000	88	145318	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.599	0.000	94	262527	100.0	92.2	
$ 83 Toluene-d8 (Surr)	98	7.683	7.683	0.000	98	746701	50.0	51.5	
84 Toluene	91	7.777	7.777	0.000	92	419351	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 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	91	119454	20.0	17.7	
86 Ethyl methacrylate	69	8.254	8.255	-0.001	81	93296	20.0	19.3	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	68507	20.0	18.5	
88 Tetrachloroethene	166	8.506	8.501	0.005	96	121427	20.0	21.3	
89 1,3-Dichloropropane	76	8.711	8.716	-0.005	88	128403	20.0	18.9	
90 2-Hexanone	43	8.805	8.805	0.000	92	176944	100.0	88.9	
93 n-Butyl acetate	43	8.957	8.957	0.000	96	87790	20.0	18.0	
91 Chlorodibromomethane	129	8.989	8.989	-0.001	96	95035	20.0	17.4	
92 Ethylene Dibromide	107	9.167	9.167	0.000	98	81593	20.0	17.9	
* 94 Chlorobenzene-d5	117	9.838	9.838	0.000	81	580833	50.0	50.0	
95 Chlorobenzene	112	9.885	9.885	0.000	99	275543	20.0	20.1	
97 Ethylbenzene	106	10.021	10.016	0.005	97	153459	20.0	20.9	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	55	94981	20.0	17.4	
98 m-Xylene & p-Xylene	106	10.215	10.216	-0.001	95	177623	20.0	20.6	
99 o-Xylene	106	10.860	10.860	0.000	96	170538	20.0	19.6	
101 n-Butyl acrylate	73	10.871	10.876	-0.005	70	57457	20.0	17.8	
100 Styrene	104	10.907	10.908	-0.001	97	276971	20.0	19.4	
102 Bromoform	173	11.222	11.222	0.000	96	64520	20.0	16.9	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	92572	20.0	17.3	
104 Isopropylbenzene	105	11.432	11.432	0.000	94	684735	20.0	32.4	
$ 105 4-Bromofluorobenzene	174	11.710	11.705	0.005	94	257779	50.0	49.7	
106 Bromobenzene	156	11.877	11.883	-0.006	82	121576	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.972	0.000	98	90954	20.0	18.2	
110 N-Propylbenzene	91	11.998	11.998	0.000	100	589232	20.0	24.2	
108 1,2,3-Trichloropropane	110	12.024	12.024	0.000	95	27106	20.0	17.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.061	0.000	94	15157	20.0	14.9	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	296265	20.0	18.5	
112 4-Ethyltoluene	105	12.155	12.150	0.005	99	403045	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	313713	20.0	19.1	
113 4-Chlorotoluene	91	12.276	12.276	0.000	95	291327	20.0	18.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	83	98328	20.0	18.5	
116 tert-Butylbenzene	119	12.601	12.601	0.000	96	297879	20.0	20.9	
117 1,2,4-Trimethylbenzene	105	12.680	12.680	0.000	96	322287	20.0	18.7	
118 sec-Butylbenzene	105	12.853	12.853	0.000	99	495403	20.0	24.7	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	99	203541	20.0	18.9	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	98	336253	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.078	0.000	92	307506	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	98	205114	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	13.131	13.136	-0.005	98	334397	20.0	19.7	
124 Benzyl chloride	91	13.262	13.262	0.000	99	165859	20.0	17.5	
125 2,3-Dihydroindene	117	13.330	13.330	0.000	93	353543	20.0	21.1	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	96	211456	20.0	20.6	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	157067	20.0	18.8	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	180017	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	98	262731	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.232	-0.006	88	19177	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	95	122007	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	92523	20.0	19.5	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	81	44463	20.0	18.9	
134 Naphthalene	128	15.091	15.092	-0.001	99	186508	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	68803	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.3	

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	40.2	
S 140 Total BTEX	1				0		100.0	109.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.3	

QC Flag Legend

Processing Flags

Reagents:

GASES Li_00556	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00010	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00068	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Nov-2023 01:01:53 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D

Injection Date: 08-Nov-2023 15:15:35 Instrument ID: CVOAMS15

Lims ID: 460-292076-C-1 MSD

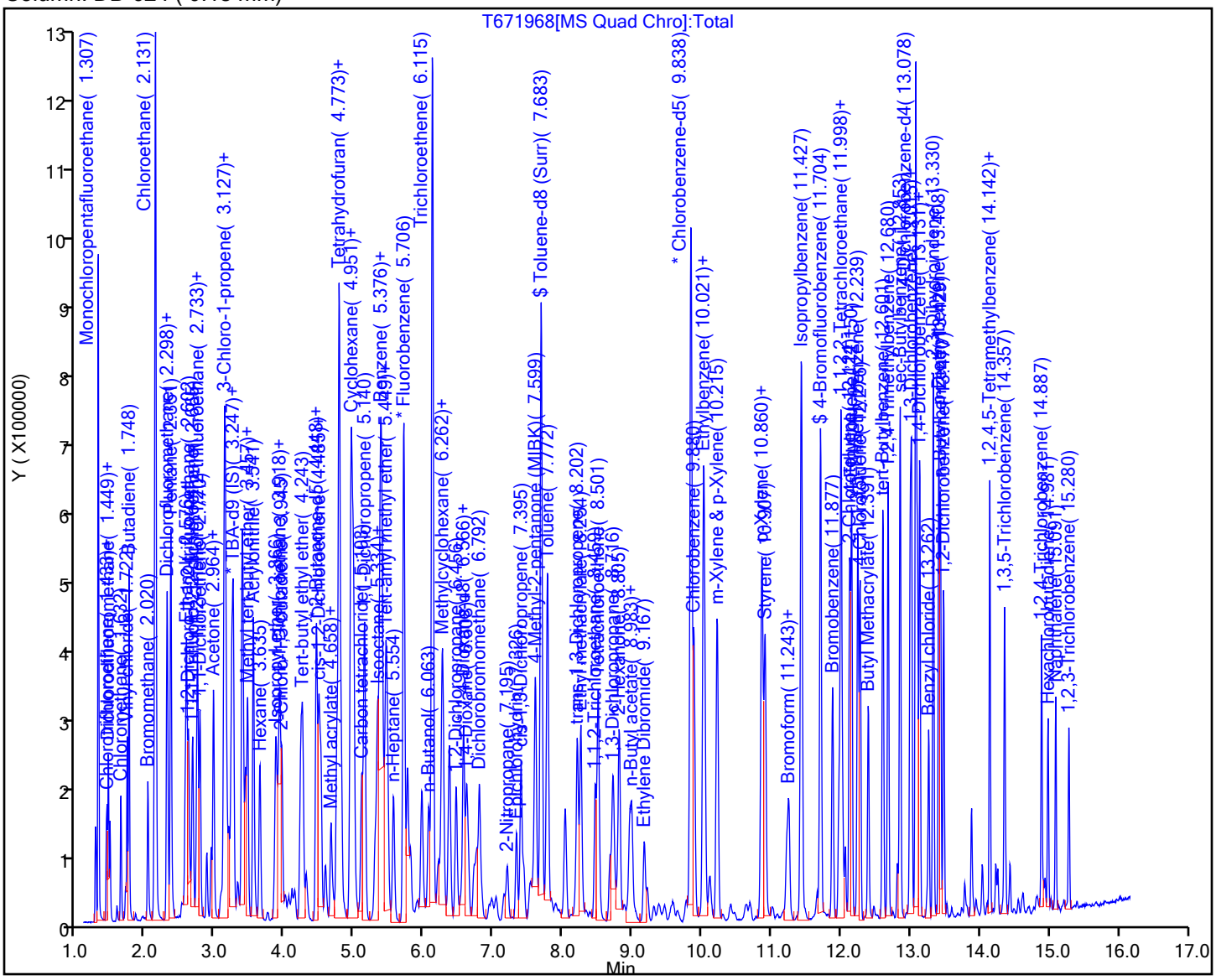
Client ID: NL-MW-3_20231107

Operator ID: ALS Bottle#: 0 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\T671968.D
Lims ID: 460-292076-C-1 MSD
Client ID: NL-MW-3_20231107
Sample Type: MSD
Inject. Date: 08-Nov-2023 15:15:35 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292076-C-1 MSD
Misc. Info.: 460-0168581-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20231108-168581.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Nov-2023 01:01:08 Calib Date: 27-Oct-2023 14:48:16
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20231027-167990.b\T671317.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: HVW2 Date: 09-Nov-2023 01:01:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	42.0	84.01
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.28
$ 83 Toluene-d8 (Surr)	50.0	51.5	102.93
$ 105 4-Bromofluorobenzene	50.0	49.7	99.30

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 10/27/2023 10:37

Analysis Batch Number: 940983 End Date: 10/28/2023 01:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-940983/1		10/27/2023 10:37	1	T671306.D	DB-624 0.18(mm)
STD8 460-940983/5 IC		10/27/2023 12:09	1	T671310.D	DB-624 0.18(mm)
STD1 460-940983/7 IC		10/27/2023 12:54	1	T671312.D	DB-624 0.18(mm)
STD5 460-940983/8 IC		10/27/2023 13:17	1	T671313.D	DB-624 0.18(mm)
STD20 460-940983/9 ICIS		10/27/2023 13:40	1	T671314.D	DB-624 0.18(mm)
STD50 460-940983/10 IC		10/27/2023 14:02	1	T671315.D	DB-624 0.18(mm)
STD200 460-940983/11 IC		10/27/2023 14:25	1	T671316.D	DB-624 0.18(mm)
STD500 460-940983/12 IC		10/27/2023 14:48	1	T671317.D	DB-624 0.18(mm)
ZZZZZ		10/27/2023 18:15	1		DB-624 0.18(mm)
ICV 460-940983/1020		10/27/2023 18:15	1	-T671325-ICV.d	DB-624 0.18(mm)
ZZZZZ		10/27/2023 18:38	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 20:28	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 20:51	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:13	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:36	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 21:59	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 22:21	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 22:44	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:07	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:29	1		DB-624 0.18(mm)
ZZZZZ		10/27/2023 23:52	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:14	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:37	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 00:59	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 01:22	1		DB-624 0.18(mm)
ZZZZZ		10/28/2023 01:45	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 11/08/2023 10:44

Analysis Batch Number: 943343 End Date: 11/08/2023 19:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-943343/4		11/08/2023 10:44	1	T671956.D	DB-624 0.18(mm)
LCS 460-943343/5		11/08/2023 11:06	1	T671957.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 11:29	1		DB-624 0.18(mm)
MB 460-943343/9		11/08/2023 12:37	1	T671961.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:00	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:22	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 13:45	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 14:07	1		DB-624 0.18(mm)
460-292076-1 MS	NL-MW-3_20231107 MS	11/08/2023 14:53	1	T671967.D	DB-624 0.18(mm)
460-292076-1 MSD	NL-MW-3_20231107 MSD	11/08/2023 15:15	1	T671968.D	DB-624 0.18(mm)
460-292076-4	NL-TB-01_20231107	11/08/2023 16:23	1	T671971.D	DB-624 0.18(mm)
460-292076-3	NL-FB-01_20231107	11/08/2023 16:46	1	T671972.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 17:08	1		DB-624 0.18(mm)
ZZZZZ		11/08/2023 17:31	1		DB-624 0.18(mm)
460-292076-1	NL-MW-3_20231107	11/08/2023 17:53	1	T671975.D	DB-624 0.18(mm)
460-292076-2	NL-MW-Dup_20231107	11/08/2023 18:16	1	T671976.D	DB-624 0.18(mm)
ZZZZZ		11/08/2023 19:01	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00162	524FREONS 00009	7 Freons Hi 00007	7 Freons SS 00007
BFB 460-940983/1		8260D		5 mL	5 mL				
STD8 460-940983/5 IC		8260D		5 mL	5 mL				
STD1 460-940983/7 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-940983/8 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-940983/9 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-940983/10 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-940983/11 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-940983/12 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-940983/1020		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260MIX1COMB 00177	ACROLEIN SP 00158	ACROLEIN W 00161	ACRY/EPIH MIX 00118	BFB 00034
BFB 460-940983/1		8260D							1 uL
STD8 460-940983/5 IC		8260D						20 uL	
STD1 460-940983/7 IC		8260D			10 uL		4 uL		
STD5 460-940983/8 IC		8260D			10 uL		4 uL		
STD20 460-940983/9 ICIS		8260D			20 uL		4 uL		
STD50 460-940983/10 IC		8260D			50 uL		10 uL		
STD200 460-940983/11 IC		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.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260MIX1COMB 00177	ACROLEIN SP 00158	ACROLEIN W 00161	ACRY/EPIH MIX 00118	BFB 00034
STD500 460-940983/12 IC		8260D					40 uL		
ICV 460-940983/1020		8260D		20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00082	EthhexAcr_SS 00004	EthyhexAcr_Hi 00004	EthyhexAcr_Li 00005	GAS C SP 00538	GAS Hi 00454
BFB 460-940983/1		8260D							
STD8 460-940983/5 IC		8260D							
STD1 460-940983/7 IC		8260D					10 uL		
STD5 460-940983/8 IC		8260D					10 uL		
STD20 460-940983/9 ICIS		8260D					20 uL		
STD50 460-940983/10 IC		8260D					50 uL		
STD200 460-940983/11 IC		8260D		20 uL		20 uL			20 uL
STD500 460-940983/12 IC		8260D		50 uL		50 uL			50 uL
ICV 460-940983/1020		8260D			20 uL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041	VOA6IS/SURR 00068	
BFB 460-940983/1		8260D							
STD8 460-940983/5 IC		8260D		2.5 uL			2 uL	5 uL	
STD1 460-940983/7 IC		8260D		10 uL				5 uL	
STD5 460-940983/8 IC		8260D		10 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.: 460-292076-1

SDG No.:

Batch Number: 940983 Batch Start Date: 10/27/23 10:37 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041	VOA6IS/SURR 00068	
STD20 460-940983/9 ICIS		8260D		20 uL				5 uL	
STD50 460-940983/10 IC		8260D		50 uL				5 uL	
STD200 460-940983/11 IC		8260D			20 uL	20 uL		5 uL	
STD500 460-940983/12 IC		8260D			50 uL	50 uL		5 uL	
ICV 460-940983/1020		8260D						5 uL	

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.: 460-292076-1

SDG No.:

Batch Number: 943343 Batch Start Date: 11/08/23 10:44 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00010	8260MIX1COMB 00178	ACROLEIN W 00161
CCVIS 460-943343/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-943343/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-943343/9		8260D		5 mL	5 mL				
460-292076-C-1 MS	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-292076-C-1 MSD	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-292076-B-4	NL-TB-01_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-B-3	NL-FB-01_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-C-1	NL-MW-3_20231107	8260D	T	5 mL	5 mL	<2 PH Units			
460-292076-C-2	NL-MW-Dup_20231107	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00556	VOA6IS/SURR 00068				
CCVIS 460-943343/4		8260D		20 uL	5 uL				
LCS 460-943343/5		8260D		20 uL	5 uL				
MB 460-943343/9		8260D			5 uL				
460-292076-C-1 MS	NL-MW-3_20231107	8260D	T	20 uL	5 uL				
460-292076-C-1 MSD	NL-MW-3_20231107	8260D	T	20 uL	5 uL				
460-292076-B-4	NL-TB-01_20231107	8260D	T		5 uL				
460-292076-B-3	NL-FB-01_20231107	8260D	T		5 uL				
460-292076-C-1	NL-MW-3_20231107	8260D	T		5 uL				
460-292076-C-2	NL-MW-Dup_20231107	8260D	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.: 460-292076-1

SDG No.:

Batch Number: 943343 Batch Start Date: 11/08/23 10:44 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

698969

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Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Dustin Kapson	Site Contact: C. Bearden	Date: 11/07/23	COC No:
Company Name: AKRF	Tel/Email: dkapson@akrf.com	Lab Contact: M. Haas	Carrier:	1 of 1 COCs
Address: 440 Park Ave S	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 336-226-9330	TAT if different from Below: Standard TAT			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: 3200 Jerome Ave				Job / SDG No. 297076
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 VOC 8260	Sample Specific Notes:
NL-MW-3_20231107	11/07/23	10:35	G	GW	9		X	X	1
NL-MW-DUP_20231107	↓	10:45	↓	↓	3			X	2
NL-FB-01_20231107		11:00		FB	2			X	3
NL-TB-01_20231107	↓	—	↓	TB	2			X	4

460-292076 Chain of Custody

ELAP 27

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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.

AKRF EQuIS EDDS, Cat B Lab to report project specific compound list

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No. 1067013		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: Clare Bearden	Company: AKRF	Date/Time: 11/7/23	Received by:	Company: ETA	Date/Time: 11-7-23 1145
Relinquished by:	Company: ETA 1700	Date/Time:	Received by:	Company: ETA	Date/Time: 11/7/23 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

0.7/0.8°C R29

11/10/2023 2:16 PM

Job Number: 292076 A1KRF

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.7 °C	0.8 °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 _____ Date: 11-7-23

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-292076-1

Login Number: 292076
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 2/27/2024 10:41 AM

JOB DESCRIPTION

3200 Jerome Ave, Bronx

JOB NUMBER

460-298659-1

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



Generated
2/27/2024 10:41 AM

Authorized for release by
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Designee for
Melissa Haas, Senior Project Manager
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203 308-0880

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CASE NARRATIVE

Client: AKRF Inc

Project: 3200 Jerome Ave, Bronx

Report Number: 460-298659-1

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 2/20/2024 8:00 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 was 1.5º C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No container totals recorded on the COC for samples 3 through 6.

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_20240220 (460-298659-1), NL-MW-2E_20240220 (460-298659-2), NL-MW-3_20240220 (460-298659-3), NL-MW-Dup_20240220 (460-298659-4), NL-MW-TB-01_20240220 (460-298659-5) and NL-MW-FB-01_20240220 (460-298659-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/26/2024.

The continuing calibration verification (CCV) analyzed in batch 460-961143 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Cyclohexane failed the recovery criteria low for the MS of sample NL-MW-3_20240220MS (460-298659-3) in batch 460-961143.

Cyclohexane failed the recovery criteria low for the MSD of sample NL-MW-3_20240220MSD (460-298659-3) in batch 460-961143. Bromomethane exceeded the RPD limit.

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: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-298659-1	NL-MW-1E_20240220	Water	02/20/24 09:10	02/20/24 20:00
460-298659-2	NL-MW-2E_20240220	Water	02/20/24 10:12	02/20/24 20:00
460-298659-3	NL-MW-3_20240220	Water	02/20/24 11:06	02/20/24 20:00
460-298659-4	NL-MW-Dup_20240220	Water	02/20/24 12:00	02/20/24 20:00
460-298659-5	NL-MW-TB-01_20240220	Water	02/20/24 00:00	02/20/24 20:00
460-298659-6	NL-MW-FB-01_20240220	Water	02/20/24 11:10	02/20/24 20:00

Detection Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-298659-1

Client Sample ID: NL-MW-1E_20240220 — Lab Sample ID: 460-298659-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.75	J	1.0	0.33	ug/L	1		8260D	Total/NA
Trichloroethene	7.4		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-2E_20240220 — Lab Sample ID: 460-298659-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.29	J	1.0	0.20	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.26	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.9		1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	5.9		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.51	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-3_20240220 — Lab Sample ID: 460-298659-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.0		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	1.0		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	30		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	2.3		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	14		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	13		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.85	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.71	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	85		1.0	0.31	ug/L	1		8260D	Total/NA
Xylenes, Total	0.70	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-Dup_20240220 — Lab Sample ID: 460-298659-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.1		1.0	0.20	ug/L	1		8260D	Total/NA
Chloroform	1.0		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	32		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	2.4		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	15		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	15		1.0	0.71	ug/L	1		8260D	Total/NA
MTBE	0.81	J	1.0	0.22	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.77	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	92		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	0.17	J	1.0	0.17	ug/L	1		8260D	Total/NA
Xylenes, Total	0.75	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: NL-MW-TB-01_20240220 — Lab Sample ID: 460-298659-5

No Detections.

Client Sample ID: NL-MW-FB-01_20240220 — Lab Sample ID: 460-298659-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.75	J	1.0	0.40	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-298659-1
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_20240220
Lab Sample ID: 460-298659-1

Date Collected: 02/20/24 09:10
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:05	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 10:05	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 10:05	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 10:05	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 10:05	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 10:05	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 10:05	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 10:05	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 10:05	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 10:05	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 10:05	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:05	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 10:05	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 10:05	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 10:05	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 10:05	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 10:05	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 10:05	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 10:05	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 10:05	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 10:05	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 10:05	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 10:05	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 10:05	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
Chloroform	**0.75**	**J**	1.0	0.33	ug/L			02/26/24 10:05	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 10:05	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 10:05	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 10:05	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 10:05	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 10:05	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:05	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 10:05	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 10:05	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 10:05	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 10:05	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 10:05	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:05	1
Trichloroethene	**7.4**		1.0	0.31	ug/L			02/26/24 10:05	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:05	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 10:05	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 10:05*	*1*

Client Sample ID: NL-MW-1E_20240220
Lab Sample ID: 460-298659-1

Date Collected: 02/20/24 09:10
Matrix: Water
Date Received: 02/20/24 20:00

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Bromofluorobenzene	*93*		*76 - 120*		*02/26/24 10:05*	*1*
Dibromofluoromethane (Surr)	*89*		*77 - 132*		*02/26/24 10:05*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*02/26/24 10:05*	*1*

Client Sample ID: NL-MW-2E_20240220
Lab Sample ID: 460-298659-2

Date Collected: 02/20/24 10:12
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:27	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 10:27	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 10:27	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 10:27	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 10:27	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 10:27	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 10:27	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 10:27	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 10:27	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 10:27	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 10:27	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:27	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 10:27	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 10:27	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 10:27	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 10:27	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 10:27	1
Benzene	**0.29**	**J**	1.0	0.20	ug/L			02/26/24 10:27	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 10:27	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 10:27	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 10:27	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 10:27	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 10:27	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 10:27	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 10:27	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 10:27	1
cis-1,2-Dichloroethene	**0.26**	**J**	1.0	0.22	ug/L			02/26/24 10:27	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:27	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 10:27	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 10:27	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 10:27	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 10:27	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:27	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 10:27	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 10:27	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 10:27	1

Client Sample ID: NL-MW-2E_20240220
Lab Sample ID: 460-298659-2

Date Collected: 02/20/24 10:12
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:27	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 10:27	1
trans-1,2-Dichloroethene	**1.9**		1.0	0.24	ug/L			02/26/24 10:27	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:27	1
Trichloroethene	**5.9**		1.0	0.31	ug/L			02/26/24 10:27	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:27	1
Vinyl chloride	**0.51**	**J**	1.0	0.17	ug/L			02/26/24 10:27	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 10:27*	*1*
Bromofluorobenzene	*93*		*76 - 120*		*02/26/24 10:27*	*1*
Dibromofluoromethane (Surr)	*91*		*77 - 132*		*02/26/24 10:27*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 10:27*	*1*

Client Sample ID: NL-MW-3_20240220
Lab Sample ID: 460-298659-3

Date Collected: 02/20/24 11:06
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 11:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 11:13	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 11:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 11:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 11:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 11:13	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 11:13	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 11:13	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 11:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 11:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 11:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 11:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 11:13	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 11:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 11:13	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 11:13	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 11:13	1
Benzene	**6.0**		1.0	0.20	ug/L			02/26/24 11:13	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 11:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 11:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 11:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 11:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 11:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 11:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 11:13	1
Chloroform	**1.0**		1.0	0.33	ug/L			02/26/24 11:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 11:13	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			02/26/24 11:13	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 11:13	1

Client Sample ID: NL-MW-3_20240220
Lab Sample ID: 460-298659-3

Date Collected: 02/20/24 11:06
Matrix: Water
Date Received: 02/20/24 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	**30**		1.0	0.32	ug/L			02/26/24 11:13	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 11:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 11:13	1
Ethylbenzene	**2.3**		1.0	0.30	ug/L			02/26/24 11:13	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 11:13	1
Isopropylbenzene	**14**		1.0	0.34	ug/L			02/26/24 11:13	1
Methylcyclohexane	**13**		1.0	0.71	ug/L			02/26/24 11:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 11:13	1
MTBE	**0.85**	**J**	1.0	0.22	ug/L			02/26/24 11:13	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 11:13	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 11:13	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 11:13	1
trans-1,2-Dichloroethene	**0.71**	**J**	1.0	0.24	ug/L			02/26/24 11:13	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 11:13	1
Trichloroethene	**85**		1.0	0.31	ug/L			02/26/24 11:13	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 11:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 11:13	1
Xylenes, Total	**0.70**	**J**	2.0	0.65	ug/L			02/26/24 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*02/26/24 11:13*	*1*
Bromofluorobenzene	*95*		*76 - 120*		*02/26/24 11:13*	*1*
Dibromofluoromethane (Surr)	*88*		*77 - 132*		*02/26/24 11:13*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 11:13*	*1*

Client Sample ID: NL-MW-Dup_20240220
Lab Sample ID: 460-298659-4

Date Collected: 02/20/24 12:00
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:50	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 10:50	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 10:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 10:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 10:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 10:50	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 10:50	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 10:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 10:50	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 10:50	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 10:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 10:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 10:50	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 10:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 10:50	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 10:50	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 10:50	1
Benzene	**6.1**		1.0	0.20	ug/L			02/26/24 10:50	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 10:50	1

Client Sample ID: NL-MW-Dup_20240220
Lab Sample ID: 460-298659-4

Date Collected: 02/20/24 12:00
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 10:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 10:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 10:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 10:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 10:50	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:50	1
Chloroform	**1.0**		1.0	0.33	ug/L			02/26/24 10:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 10:50	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			02/26/24 10:50	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:50	1
Cyclohexane	**32**		1.0	0.32	ug/L			02/26/24 10:50	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 10:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 10:50	1
Ethylbenzene	**2.4**		1.0	0.30	ug/L			02/26/24 10:50	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 10:50	1
Isopropylbenzene	**15**		1.0	0.34	ug/L			02/26/24 10:50	1
Methylcyclohexane	**15**		1.0	0.71	ug/L			02/26/24 10:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 10:50	1
MTBE	**0.81**	**J**	1.0	0.22	ug/L			02/26/24 10:50	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 10:50	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 10:50	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 10:50	1
trans-1,2-Dichloroethene	**0.77**	**J**	1.0	0.24	ug/L			02/26/24 10:50	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 10:50	1
Trichloroethene	**92**		1.0	0.31	ug/L			02/26/24 10:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 10:50	1
Vinyl chloride	**0.17**	**J**	1.0	0.17	ug/L			02/26/24 10:50	1
Xylenes, Total	**0.75**	**J**	2.0	0.65	ug/L			02/26/24 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*02/26/24 10:50*	*1*
Bromofluorobenzene	*94*		*76 - 120*		*02/26/24 10:50*	*1*
Dibromofluoromethane (Surr)	*87*		*77 - 132*		*02/26/24 10:50*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 10:50*	*1*

Client Sample ID: NL-MW-TB-01_20240220
Lab Sample ID: 460-298659-5

Date Collected: 02/20/24 00:00
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 09:19	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 09:19	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 09:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 09:19	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 09:19	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 09:19	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 09:19	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 09:19	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 09:19	1

Client Sample ID: NL-MW-TB-01_20240220
Lab Sample ID: 460-298659-5

Date Collected: 02/20/24 00:00
Matrix: Water
Date Received: 02/20/24 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 09:19	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 09:19	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:19	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 09:19	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 09:19	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 09:19	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 09:19	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 09:19	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 09:19	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 09:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 09:19	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 09:19	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 09:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 09:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 09:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 09:19	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 09:19	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 09:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 09:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 09:19	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 09:19	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:19	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 09:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 09:19	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 09:19	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 09:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 09:19	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:19	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/24 09:19	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:19	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 09:19	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 09:19*	*1*
Bromofluorobenzene	*93*		*76 - 120*		*02/26/24 09:19*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*02/26/24 09:19*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*02/26/24 09:19*	*1*

Client Sample ID: NL-MW-FB-01_20240220
Lab Sample ID: 460-298659-6

Date Collected: 02/20/24 11:10
Matrix: Water
Date Received: 02/20/24 20:00

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			02/26/24 09:42	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 09:42	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 09:42	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 09:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 09:42	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 09:42	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 09:42	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 09:42	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 09:42	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 09:42	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 09:42	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:42	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 09:42	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 09:42	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 09:42	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 09:42	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 09:42	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 09:42	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 09:42	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 09:42	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 09:42	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 09:42	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 09:42	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 09:42	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 09:42	1
Chloromethane	**0.75**	**J**	1.0	0.40	ug/L			02/26/24 09:42	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 09:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 09:42	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 09:42	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 09:42	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 09:42	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 09:42	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 09:42	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 09:42	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 09:42	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 09:42	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 09:42	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/24 09:42	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 09:42	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 09:42	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/26/24 09:42*	*1*

Client: AKRF Inc
Job ID: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-FB-01_20240220
Lab Sample ID: 460-298659-6
Date Collected: 02/20/24 11:10
Matrix: Water
Date Received: 02/20/24 20:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Bromofluorobenzene	95		76 - 120		02/26/24 09:42	1
Dibromofluoromethane (Surr)	91		77 - 132		02/26/24 09:42	1
Toluene-d8 (Surr)	113		80 - 120		02/26/24 09:42	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 3200 Jerome Ave, Bronx

Job ID: 460-298659-1

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)
460-298659-1	NL-MW-1E_20240220	106	93	89	113
460-298659-2	NL-MW-2E_20240220	106	93	91	114
460-298659-3	NL-MW-3_20240220	105	95	88	114
460-298659-3 MS	NL-MW-3_20240220	102	93	87	112
460-298659-3 MSD	NL-MW-3_20240220	102	93	88	112
460-298659-4	NL-MW-Dup_20240220	103	94	87	114
460-298659-5	NL-MW-TB-01_20240220	106	93	90	114
460-298659-6	NL-MW-FB-01_20240220	106	95	91	113
LCS 460-961143/4	Lab Control Sample	104	93	89	112
LCSD 460-961143/5	Lab Control Sample Dup	102	94	88	112
MB 460-961143/8	Method Blank	107	94	90	113

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 460-961143/8
Matrix: Water
Analysis Batch: 961143

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			02/26/24 08:57	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/24 08:57	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/24 08:57	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/24 08:57	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/24 08:57	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			02/26/24 08:57	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			02/26/24 08:57	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			02/26/24 08:57	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			02/26/24 08:57	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/24 08:57	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/24 08:57	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			02/26/24 08:57	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			02/26/24 08:57	1
2-Butanone	1.9	U	5.0	1.9	ug/L			02/26/24 08:57	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/24 08:57	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			02/26/24 08:57	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/24 08:57	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/24 08:57	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/24 08:57	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/24 08:57	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/24 08:57	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/24 08:57	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/24 08:57	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/24 08:57	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/24 08:57	1
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/24 08:57	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			02/26/24 08:57	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			02/26/24 08:57	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/24 08:57	1
Freon TF	0.31	U	1.0	0.31	ug/L			02/26/24 08:57	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			02/26/24 08:57	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			02/26/24 08:57	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
MTBE	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/24 08:57	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/24 08:57	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/24 08:57	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/24 08:57	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/24 08:57	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/24 08:57	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			02/26/24 08:57	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/24 08:57	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/24 08:57	1

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

Lab Sample ID: MB 460-961143/8
Matrix: Water
Analysis Batch: 961143

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*		*02/26/24 08:57*	*1*
Bromofluorobenzene	*94*		*76 - 120*		*02/26/24 08:57*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*02/26/24 08:57*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*02/26/24 08:57*	*1*

Lab Sample ID: LCS 460-961143/4
Matrix: Water
Analysis Batch: 961143

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	18.5		ug/L		93	72 - 128
1,1,2,2-Tetrachloroethane	20.0	24.8		ug/L		124	63 - 139
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	74 - 125
1,1-Dichloroethane	20.0	20.3		ug/L		102	73 - 130
1,1-Dichloroethene	20.0	18.0		ug/L		90	68 - 133
1,2,4-Trichlorobenzene	20.0	21.9		ug/L		109	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.3		ug/L		107	58 - 132
1,2-Dibromoethane	20.0	21.2		ug/L		106	79 - 126
1,2-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120
1,2-Dichloroethane	20.0	18.8		ug/L		94	66 - 129
1,2-Dichloropropane	20.0	19.9		ug/L		100	68 - 128
1,3-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120
1,4-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 120
2-Butanone	100	89.8		ug/L		90	61 - 142
2-Hexanone	100	103		ug/L		103	61 - 134
4-Methyl-2-pentanone	100	105		ug/L		105	69 - 139
Acetone	100	94.6		ug/L		95	49 - 149
Benzene	20.0	22.6		ug/L		113	71 - 126
Bromodichloromethane	20.0	18.8		ug/L		94	76 - 121
Bromoform	20.0	19.9		ug/L		100	58 - 136
Bromomethane	20.0	19.5		ug/L		97	10 - 120
Carbon disulfide	20.0	18.3		ug/L		91	68 - 138
Carbon tetrachloride	20.0	18.3		ug/L		92	65 - 142
Chlorobenzene	20.0	21.4		ug/L		107	80 - 120
Chloroethane	20.0	19.7		ug/L		98	48 - 150
Chloroform	20.0	18.5		ug/L		93	78 - 125
Chloromethane	20.0	17.5		ug/L		87	43 - 140
cis-1,2-Dichloroethene	20.0	18.2		ug/L		91	78 - 121
cis-1,3-Dichloropropene	20.0	23.6		ug/L		118	74 - 125
Cyclohexane	20.0	17.3		ug/L		86	60 - 142
Dibromochloromethane	20.0	21.7		ug/L		109	69 - 130
Dichlorodifluoromethane	20.0	14.0		ug/L		70	27 - 120
Ethylbenzene	20.0	21.5		ug/L		107	78 - 120
Freon TF	20.0	16.6		ug/L		83	51 - 142
Isopropylbenzene	20.0	22.5		ug/L		113	79 - 125
Methylcyclohexane	20.0	16.9		ug/L		85	49 - 149
Methylene Chloride	20.0	18.8		ug/L		94	74 - 127
MTBE	20.0	20.8		ug/L		104	72 - 131

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

Lab Sample ID: LCS 460-961143/4
Matrix: Water
Analysis Batch: 961143

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	22.2		ug/L		111	82 - 127		
Tetrachloroethene			20.0	19.6		ug/L		98	70 - 127		
Toluene			20.0	20.9		ug/L		104	78 - 120		
trans-1,2-Dichloroethene			20.0	17.9		ug/L		90	74 - 126		
trans-1,3-Dichloropropene			20.0	23.4		ug/L		117	66 - 127		
Trichloroethene			20.0	17.3		ug/L		87	51 - 121		
Trichlorofluoromethane			20.0	18.6		ug/L		93	50 - 120		
Vinyl chloride			20.0	17.4		ug/L		87	55 - 144		
Xylenes, Total			40.0	43.2		ug/L		108	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*
Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*89*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: LCSD 460-961143/5
Matrix: Water
Analysis Batch: 961143

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	17.1		ug/L		86	72 - 128	8	30
1,1,2,2-Tetrachloroethane			20.0	24.4		ug/L		122	63 - 139	1	30
1,1,2-Trichloroethane			20.0	20.8		ug/L		104	74 - 125	5	30
1,1-Dichloroethane			20.0	18.5		ug/L		92	73 - 130	10	30
1,1-Dichloroethene			20.0	16.1		ug/L		81	68 - 133	11	30
1,2,4-Trichlorobenzene			20.0	20.7		ug/L		104	67 - 132	6	30
1,2-Dibromo-3-Chloropropane			20.0	21.3		ug/L		107	58 - 132	0	30
1,2-Dibromoethane			20.0	20.4		ug/L		102	79 - 126	4	30
1,2-Dichlorobenzene			20.0	21.0		ug/L		105	80 - 120	6	30
1,2-Dichloroethane			20.0	17.5		ug/L		87	66 - 129	7	30
1,2-Dichloropropane			20.0	18.5		ug/L		92	68 - 128	8	30
1,3-Dichlorobenzene			20.0	21.2		ug/L		106	80 - 120	6	30
1,4-Dichlorobenzene			20.0	20.9		ug/L		104	80 - 120	6	30
2-Butanone			100	85.8		ug/L		86	61 - 142	5	30
2-Hexanone			100	97.9		ug/L		98	61 - 134	5	30
4-Methyl-2-pentanone			100	100		ug/L		100	69 - 139	5	30
Acetone			100	87.0		ug/L		87	49 - 149	8	30
Benzene			20.0	21.0		ug/L		105	71 - 126	7	30
Bromodichloromethane			20.0	17.8		ug/L		89	76 - 121	6	30
Bromoform			20.0	18.9		ug/L		95	58 - 136	5	30
Bromomethane			20.0	19.5		ug/L		97	10 - 120	0	30
Carbon disulfide			20.0	16.4		ug/L		82	68 - 138	11	30
Carbon tetrachloride			20.0	16.8		ug/L		84	65 - 142	9	30
Chlorobenzene			20.0	20.3		ug/L		101	80 - 120	5	30
Chloroethane			20.0	17.2		ug/L		86	48 - 150	13	30
Chloroform			20.0	17.2		ug/L		86	78 - 125	7	30
Chloromethane			20.0	15.7		ug/L		79	43 - 140	10	30

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

Lab Sample ID: LCSD 460-961143/5
Matrix: Water
Analysis Batch: 961143

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	16.9		ug/L		85	78 - 121	7	30
cis-1,3-Dichloropropene			20.0	21.9		ug/L		110	74 - 125	7	30
Cyclohexane			20.0	15.5		ug/L		77	60 - 142	11	30
Dibromochloromethane			20.0	20.7		ug/L		104	69 - 130	5	30
Dichlorodifluoromethane			20.0	12.8		ug/L		64	27 - 120	9	30
Ethylbenzene			20.0	20.1		ug/L		101	78 - 120	7	30
Freon TF			20.0	15.2		ug/L		76	51 - 142	9	30
Isopropylbenzene			20.0	21.2		ug/L		106	79 - 125	6	30
Methylcyclohexane			20.0	15.8		ug/L		79	49 - 149	7	30
Methylene Chloride			20.0	17.5		ug/L		88	74 - 127	7	30
MTBE			20.0	19.8		ug/L		99	72 - 131	5	30
Styrene			20.0	20.8		ug/L		104	82 - 127	7	30
Tetrachloroethene			20.0	18.7		ug/L		93	70 - 127	5	30
Toluene			20.0	19.8		ug/L		99	78 - 120	5	30
trans-1,2-Dichloroethene			20.0	16.8		ug/L		84	74 - 126	6	30
trans-1,3-Dichloropropene			20.0	22.4		ug/L		112	66 - 127	4	30
Trichloroethene			20.0	16.3		ug/L		81	51 - 121	6	30
Trichlorofluoromethane			20.0	16.9		ug/L		84	50 - 120	10	30
Vinyl chloride			20.0	15.7		ug/L		78	55 - 144	11	30
Xylenes, Total			40.0	40.5		ug/L		101	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
Bromofluorobenzene	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: 460-298659-3 MS
Matrix: Water
Analysis Batch: 961143

Client Sample ID: NL-MW-3_20240220
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	18.5		ug/L		92	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	20.6		ug/L		103	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	18.2		ug/L		91	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	19.4		ug/L		97	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.1		ug/L		91	58 - 132
1,2-Dibromoethane	0.50	U	20.0	19.3		ug/L		97	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	20.6		ug/L		103	80 - 120
1,2-Dichloroethane	0.43	U	20.0	18.2		ug/L		91	66 - 129
1,2-Dichloropropane	0.35	U	20.0	19.0		ug/L		95	68 - 128
1,3-Dichlorobenzene	0.34	U	20.0	20.9		ug/L		105	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	20.6		ug/L		103	80 - 120
2-Butanone	1.9	U	100	86.1		ug/L		86	61 - 142
2-Hexanone	1.1	U	100	98.5		ug/L		99	61 - 134
4-Methyl-2-pentanone	1.3	U	100	106		ug/L		106	69 - 139

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

Lab Sample ID: 460-298659-3 MS
Client Sample ID: NL-MW-3_20240220
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 961143

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	4.4	U	100	90.3		ug/L		90	49 - 149
Benzene	6.0		20.0	27.6		ug/L		108	71 - 126
Bromodichloromethane	0.34	U	20.0	17.9		ug/L		90	76 - 121
Bromoform	0.54	U	20.0	17.7		ug/L		89	58 - 136
Bromomethane	0.55	U	20.0	11.8		ug/L		59	10 - 120
Carbon disulfide	0.82	U	20.0	18.4		ug/L		92	68 - 138
Carbon tetrachloride	0.21	U	20.0	18.2		ug/L		91	65 - 142
Chlorobenzene	0.38	U	20.0	20.5		ug/L		103	80 - 120
Chloroethane	0.32	U	20.0	22.0		ug/L		110	48 - 150
Chloroform	1.0		20.0	19.2		ug/L		91	78 - 125
Chloromethane	0.40	U	20.0	17.6		ug/L		88	43 - 140
cis-1,2-Dichloroethene	2.4		20.0	19.8		ug/L		87	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	22.2		ug/L		111	74 - 125
Cyclohexane	30		20.0	40.5	*	ug/L		51	60 - 142
Dibromochloromethane	0.28	U	20.0	19.9		ug/L		100	69 - 130
Dichlorodifluoromethane	0.31	U	20.0	15.2		ug/L		76	27 - 120
Ethylbenzene	2.3		20.0	22.9		ug/L		103	78 - 120
Freon TF	0.31	U	20.0	18.1		ug/L		90	51 - 142
Isopropylbenzene	14		20.0	34.1		ug/L		98	79 - 125
Methylcyclohexane	13		20.0	29.9		ug/L		83	49 - 149
Methylene Chloride	0.32	U	20.0	19.9		ug/L		99	74 - 127
MTBE	0.85	J	20.0	20.2		ug/L		97	72 - 131
Styrene	0.42	U	20.0	21.3		ug/L		106	82 - 127
Tetrachloroethene	0.25	U	20.0	19.8		ug/L		99	70 - 127
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 120
trans-1,2-Dichloroethene	0.71	J	20.0	18.8		ug/L		90	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	22.1		ug/L		111	66 - 127
Trichloroethene	85		20.0	97.9		ug/L		63	51 - 121
Trichlorofluoromethane	0.32	U	20.0	18.9		ug/L		94	50 - 120
Vinyl chloride	0.17	U	20.0	17.0		ug/L		85	55 - 144
Xylenes, Total	0.70	J	40.0	42.5		ug/L		104	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*87*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: 460-298659-3 MSD
Client Sample ID: NL-MW-3_20240220
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 961143

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	19.1		ug/L		95	72 - 128	3	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	22.9		ug/L		114	63 - 139	4	30
1,1,2-Trichloroethane	0.20	U	20.0	21.2		ug/L		106	74 - 125	3	30
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		103	73 - 130	4	30
1,1-Dichloroethene	0.26	U	20.0	18.5		ug/L		92	68 - 133	2	30

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

Lab Sample ID: 460-298659-3 MSD
Client Sample ID: NL-MW-3_20240220
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 961143

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	20.9		ug/L		104	67 - 132	7	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.4		ug/L		92	58 - 132	2	30
1,2-Dibromoethane	0.50	U	20.0	20.2		ug/L		101	79 - 126	4	30
1,2-Dichlorobenzene	0.21	U	20.0	21.7		ug/L		108	80 - 120	5	30
1,2-Dichloroethane	0.43	U	20.0	18.5		ug/L		93	66 - 129	2	30
1,2-Dichloropropane	0.35	U	20.0	19.7		ug/L		98	68 - 128	4	30
1,3-Dichlorobenzene	0.34	U	20.0	21.8		ug/L		109	80 - 120	4	30
1,4-Dichlorobenzene	0.33	U	20.0	21.4		ug/L		107	80 - 120	4	30
2-Butanone	1.9	U	100	90.2		ug/L		90	61 - 142	5	30
2-Hexanone	1.1	U	100	102		ug/L		102	61 - 134	3	30
4-Methyl-2-pentanone	1.3	U	100	109		ug/L		109	69 - 139	3	30
Acetone	4.4	U	100	92.5		ug/L		92	49 - 149	2	30
Benzene	6.0		20.0	28.1		ug/L		110	71 - 126	2	30
Bromodichloromethane	0.34	U	20.0	19.0		ug/L		95	76 - 121	6	30
Bromoform	0.54	U	20.0	18.2		ug/L		91	58 - 136	3	30
Bromomethane	0.55	U	20.0	17.4	*	ug/L		87	10 - 120	39	30
Carbon disulfide	0.82	U	20.0	18.9		ug/L		94	68 - 138	3	30
Carbon tetrachloride	0.21	U	20.0	18.8		ug/L		94	65 - 142	4	30
Chlorobenzene	0.38	U	20.0	21.5		ug/L		107	80 - 120	5	30
Chloroethane	0.32	U	20.0	22.8		ug/L		114	48 - 150	3	30
Chloroform	1.0		20.0	19.7		ug/L		93	78 - 125	2	30
Chloromethane	0.40	U	20.0	18.2		ug/L		91	43 - 140	3	30
cis-1,2-Dichloroethene	2.4		20.0	20.9		ug/L		92	78 - 121	5	30
cis-1,3-Dichloropropene	0.22	U	20.0	22.8		ug/L		114	74 - 125	2	30
Cyclohexane	30		20.0	41.0	*	ug/L		53	60 - 142	1	30
Dibromochloromethane	0.28	U	20.0	20.5		ug/L		103	69 - 130	3	30
Dichlorodifluoromethane	0.31	U	20.0	15.3		ug/L		76	27 - 120	0	30
Ethylbenzene	2.3		20.0	23.8		ug/L		108	78 - 120	4	30
Freon TF	0.31	U	20.0	18.7		ug/L		94	51 - 142	3	30
Isopropylbenzene	14		20.0	35.2		ug/L		104	79 - 125	3	30
Methylcyclohexane	13		20.0	29.8		ug/L		83	49 - 149	0	30
Methylene Chloride	0.32	U	20.0	20.3		ug/L		102	74 - 127	2	30
MTBE	0.85	J	20.0	20.4		ug/L		98	72 - 131	1	30
Styrene	0.42	U	20.0	22.0		ug/L		110	82 - 127	4	30
Tetrachloroethene	0.25	U	20.0	20.5		ug/L		102	70 - 127	3	30
Toluene	0.38	U	20.0	21.5		ug/L		108	78 - 120	3	30
trans-1,2-Dichloroethene	0.71	J	20.0	19.0		ug/L		91	74 - 126	1	30
trans-1,3-Dichloropropene	0.22	U	20.0	22.8		ug/L		114	66 - 127	3	30
Trichloroethene	85		20.0	99.3		ug/L		70	51 - 121	1	30
Trichlorofluoromethane	0.32	U	20.0	19.7		ug/L		98	50 - 120	4	30
Vinyl chloride	0.17	U	20.0	17.1		ug/L		86	55 - 144	1	30
Xylenes, Total	0.70	J	40.0	44.3		ug/L		109	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*
Bromofluorobenzene	*93*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*77 - 132*
Toluene-d8 (Surr)	*112*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control 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: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

GC/MS VOA

Analysis Batch: 961143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-298659-1	NL-MW-1E_20240220	Total/NA	Water	8260D	
460-298659-2	NL-MW-2E_20240220	Total/NA	Water	8260D	
460-298659-3	NL-MW-3_20240220	Total/NA	Water	8260D	
460-298659-4	NL-MW-Dup_20240220	Total/NA	Water	8260D	
460-298659-5	NL-MW-TB-01_20240220	Total/NA	Water	8260D	
460-298659-6	NL-MW-FB-01_20240220	Total/NA	Water	8260D	
MB 460-961143/8	Method Blank	Total/NA	Water	8260D	
LCS 460-961143/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-961143/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-298659-3 MS	NL-MW-3_20240220	Total/NA	Water	8260D	
460-298659-3 MSD	NL-MW-3_20240220	Total/NA	Water	8260D	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-298659-1
Project/Site: 3200 Jerome Ave, Bronx

Client Sample ID: NL-MW-1E_20240220
Lab Sample ID: 460-298659-1
Date Collected: 02/20/24 09:10
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 10:05

Client Sample ID: NL-MW-2E_20240220
Lab Sample ID: 460-298659-2
Date Collected: 02/20/24 10:12
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 10:27

Client Sample ID: NL-MW-3_20240220
Lab Sample ID: 460-298659-3
Date Collected: 02/20/24 11:06
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 11:13

Client Sample ID: NL-MW-Dup_20240220
Lab Sample ID: 460-298659-4
Date Collected: 02/20/24 12:00
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 10:50

Client Sample ID: NL-MW-TB-01_20240220
Lab Sample ID: 460-298659-5
Date Collected: 02/20/24 00:00
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 09:19

Client Sample ID: NL-MW-FB-01_20240220
Lab Sample ID: 460-298659-6
Date Collected: 02/20/24 11:10
Matrix: Water
Date Received: 02/20/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	961143	SZD	EET EDI	02/26/24 09:42

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: 460-298659-1
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	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-298659-1

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-1E_20240220	460-298659-1	89	106	113	93
NL-MW-2E_20240220	460-298659-2	91	106	114	93
NL-MW-3_20240220	460-298659-3	88	105	114	95
NL-MW-Dup_20240220	460-298659-4	87	103	114	94
NL-MW-TB-01_20240220	460-298659-5	90	106	114	93
NL-MW-FB-01_20240220	460-298659-6	91	106	113	95
	MB 460-961143/8	90	107	113	94
	LCS 460-961143/4	89	104	112	93
	LCSD 460-961143/5	88	102	112	94
NL-MW-3_20240220 MS	460-298659-3 MS	87	102	112	93
NL-MW-3_20240220 MSD	460-298659-3 MSD	88	102	112	93

	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675582.D

Lab ID: LCS 460-961143/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.5	93	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.8	124	63-139	
1,1,2-Trichloroethane	20.0	21.8	109	74-125	
1,1-Dichloroethane	20.0	20.3	102	73-130	
1,1-Dichloroethene	20.0	18.0	90	68-133	
1,2,4-Trichlorobenzene	20.0	21.9	109	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.3	107	58-132	
1,2-Dibromoethane	20.0	21.2	106	79-126	
1,2-Dichlorobenzene	20.0	22.4	112	80-120	
1,2-Dichloroethane	20.0	18.8	94	66-129	
1,2-Dichloropropane	20.0	19.9	100	68-128	
1,3-Dichlorobenzene	20.0	22.4	112	80-120	
1,4-Dichlorobenzene	20.0	22.2	111	80-120	
2-Butanone	100	89.8	90	61-142	
2-Hexanone	100	103	103	61-134	
4-Methyl-2-pentanone	100	105	105	69-139	
Acetone	100	94.6	95	49-149	
Benzene	20.0	22.6	113	71-126	
Bromodichloromethane	20.0	18.8	94	76-121	
Bromoform	20.0	19.9	100	58-136	
Bromomethane	20.0	19.5	97	10-120	
Carbon disulfide	20.0	18.3	91	68-138	
Carbon tetrachloride	20.0	18.3	92	65-142	
Chlorobenzene	20.0	21.4	107	80-120	
Chloroethane	20.0	19.7	98	48-150	
Chloroform	20.0	18.5	93	78-125	
Chloromethane	20.0	17.5	87	43-140	
cis-1,2-Dichloroethene	20.0	18.2	91	78-121	
cis-1,3-Dichloropropene	20.0	23.6	118	74-125	
Cyclohexane	20.0	17.3	86	60-142	
Dibromochloromethane	20.0	21.7	109	69-130	
Dichlorodifluoromethane	20.0	14.0	70	27-120	
Ethylbenzene	20.0	21.5	107	78-120	
Freon TF	20.0	16.6	83	51-142	
Isopropylbenzene	20.0	22.5	113	79-125	
Methylcyclohexane	20.0	16.9	85	49-149	
Methylene Chloride	20.0	18.8	94	74-127	
MTBE	20.0	20.8	104	72-131	
Styrene	20.0	22.2	111	82-127	
Tetrachloroethene	20.0	19.6	98	70-127	
Toluene	20.0	20.9	104	78-120	
trans-1,2-Dichloroethene	20.0	17.9	90	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675582.D

Lab ID: LCS 460-961143/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	20.0	23.4	117	66-127	
Trichloroethene	20.0	17.3	87	51-121	
Trichlorofluoromethane	20.0	18.6	93	50-120	
Vinyl chloride	20.0	17.4	87	55-144	
Xylenes, Total	40.0	43.2	108	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675583.D

Lab ID: LCSD 460-961143/5 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	17.1	86	8	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	24.4	122	1	30	63-139	
1,1,2-Trichloroethane	20.0	20.8	104	5	30	74-125	
1,1-Dichloroethane	20.0	18.5	92	10	30	73-130	
1,1-Dichloroethene	20.0	16.1	81	11	30	68-133	
1,2,4-Trichlorobenzene	20.0	20.7	104	6	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.3	107	0	30	58-132	
1,2-Dibromoethane	20.0	20.4	102	4	30	79-126	
1,2-Dichlorobenzene	20.0	21.0	105	6	30	80-120	
1,2-Dichloroethane	20.0	17.5	87	7	30	66-129	
1,2-Dichloropropane	20.0	18.5	92	8	30	68-128	
1,3-Dichlorobenzene	20.0	21.2	106	6	30	80-120	
1,4-Dichlorobenzene	20.0	20.9	104	6	30	80-120	
2-Butanone	100	85.8	86	5	30	61-142	
2-Hexanone	100	97.9	98	5	30	61-134	
4-Methyl-2-pentanone	100	100	100	5	30	69-139	
Acetone	100	87.0	87	8	30	49-149	
Benzene	20.0	21.0	105	7	30	71-126	
Bromodichloromethane	20.0	17.8	89	6	30	76-121	
Bromoform	20.0	18.9	95	5	30	58-136	
Bromomethane	20.0	19.5	97	0	30	10-120	
Carbon disulfide	20.0	16.4	82	11	30	68-138	
Carbon tetrachloride	20.0	16.8	84	9	30	65-142	
Chlorobenzene	20.0	20.3	101	5	30	80-120	
Chloroethane	20.0	17.2	86	13	30	48-150	
Chloroform	20.0	17.2	86	7	30	78-125	
Chloromethane	20.0	15.7	79	10	30	43-140	
cis-1,2-Dichloroethene	20.0	16.9	85	7	30	78-121	
cis-1,3-Dichloropropene	20.0	21.9	110	7	30	74-125	
Cyclohexane	20.0	15.5	77	11	30	60-142	
Dibromochloromethane	20.0	20.7	104	5	30	69-130	
Dichlorodifluoromethane	20.0	12.8	64	9	30	27-120	
Ethylbenzene	20.0	20.1	101	7	30	78-120	
Freon TF	20.0	15.2	76	9	30	51-142	
Isopropylbenzene	20.0	21.2	106	6	30	79-125	
Methylcyclohexane	20.0	15.8	79	7	30	49-149	
Methylene Chloride	20.0	17.5	88	7	30	74-127	
MTBE	20.0	19.8	99	5	30	72-131	
Styrene	20.0	20.8	104	7	30	82-127	
Tetrachloroethene	20.0	18.7	93	5	30	70-127	
Toluene	20.0	19.8	99	5	30	78-120	
trans-1,2-Dichloroethene	20.0	16.8	84	6	30	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675583.D

Lab ID: LCSD 460-961143/5 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	22.4	112	4	30	66-127	
Trichloroethene	20.0	16.3	81	6	30	51-121	
Trichlorofluoromethane	20.0	16.9	84	10	30	50-120	
Vinyl chloride	20.0	15.7	78	11	30	55-144	
Xylenes, Total	40.0	40.5	101	6	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675594.D

Lab ID: 460-298659-3 MS Client ID: NL-MW-3_20240220 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	18.5	92	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	20.6	103	74-125	
1,1-Dichloroethane	20.0	0.26 U	19.9	99	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.2	91	68-133	
1,2,4-Trichlorobenzene	20.0	0.37 U	19.4	97	67-132	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	18.1	91	58-132	
1,2-Dibromoethane	20.0	0.50 U	19.3	97	79-126	
1,2-Dichlorobenzene	20.0	0.21 U	20.6	103	80-120	
1,2-Dichloroethane	20.0	0.43 U	18.2	91	66-129	
1,2-Dichloropropane	20.0	0.35 U	19.0	95	68-128	
1,3-Dichlorobenzene	20.0	0.34 U	20.9	105	80-120	
1,4-Dichlorobenzene	20.0	0.33 U	20.6	103	80-120	
2-Butanone	100	1.9 U	86.1	86	61-142	
2-Hexanone	100	1.1 U	98.5	99	61-134	
4-Methyl-2-pentanone	100	1.3 U	106	106	69-139	
Acetone	100	4.4 U	90.3	90	49-149	
Benzene	20.0	6.0	27.6	108	71-126	
Bromodichloromethane	20.0	0.34 U	17.9	90	76-121	
Bromoform	20.0	0.54 U	17.7	89	58-136	
Bromomethane	20.0	0.55 U	11.8	59	10-120	
Carbon disulfide	20.0	0.82 U	18.4	92	68-138	
Carbon tetrachloride	20.0	0.21 U	18.2	91	65-142	
Chlorobenzene	20.0	0.38 U	20.5	103	80-120	
Chloroethane	20.0	0.32 U	22.0	110	48-150	
Chloroform	20.0	1.0	19.2	91	78-125	
Chloromethane	20.0	0.40 U	17.6	88	43-140	
cis-1,2-Dichloroethene	20.0	2.4	19.8	87	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	22.2	111	74-125	
Cyclohexane	20.0	30	40.5	51	60-142	*
Dibromochloromethane	20.0	0.28 U	19.9	100	69-130	
Dichlorodifluoromethane	20.0	0.31 U	15.2	76	27-120	
Ethylbenzene	20.0	2.3	22.9	103	78-120	
Freon TF	20.0	0.31 U	18.1	90	51-142	
Isopropylbenzene	20.0	14	34.1	98	79-125	
Methylcyclohexane	20.0	13	29.9	83	49-149	
Methylene Chloride	20.0	0.32 U	19.9	99	74-127	
MTBE	20.0	0.85 J	20.2	97	72-131	
Styrene	20.0	0.42 U	21.3	106	82-127	
Tetrachloroethene	20.0	0.25 U	19.8	99	70-127	
Toluene	20.0	0.38 U	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	0.71 J	18.8	90	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675594.D

Lab ID: 460-298659-3 MS Client ID: NL-MW-3_20240220 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	22.1	111	66-127	
Trichloroethene	20.0	85	97.9	63	51-121	
Trichlorofluoromethane	20.0	0.32 U	18.9	94	50-120	
Vinyl chloride	20.0	0.17 U	17.0	85	55-144	
Xylenes, Total	40.0	0.70 J	42.5	104	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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675595.D

Lab ID: 460-298659-3 MSD Client ID: NL-MW-3_20240220 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	19.1	95	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.9	114	4	30	63-139	
1,1,2-Trichloroethane	20.0	21.2	106	3	30	74-125	
1,1-Dichloroethane	20.0	20.7	103	4	30	73-130	
1,1-Dichloroethene	20.0	18.5	92	2	30	68-133	
1,2,4-Trichlorobenzene	20.0	20.9	104	7	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	2	30	58-132	
1,2-Dibromoethane	20.0	20.2	101	4	30	79-126	
1,2-Dichlorobenzene	20.0	21.7	108	5	30	80-120	
1,2-Dichloroethane	20.0	18.5	93	2	30	66-129	
1,2-Dichloropropane	20.0	19.7	98	4	30	68-128	
1,3-Dichlorobenzene	20.0	21.8	109	4	30	80-120	
1,4-Dichlorobenzene	20.0	21.4	107	4	30	80-120	
2-Butanone	100	90.2	90	5	30	61-142	
2-Hexanone	100	102	102	3	30	61-134	
4-Methyl-2-pentanone	100	109	109	3	30	69-139	
Acetone	100	92.5	92	2	30	49-149	
Benzene	20.0	28.1	110	2	30	71-126	
Bromodichloromethane	20.0	19.0	95	6	30	76-121	
Bromoform	20.0	18.2	91	3	30	58-136	
Bromomethane	20.0	17.4	87	39	30	10-120	*
Carbon disulfide	20.0	18.9	94	3	30	68-138	
Carbon tetrachloride	20.0	18.8	94	4	30	65-142	
Chlorobenzene	20.0	21.5	107	5	30	80-120	
Chloroethane	20.0	22.8	114	3	30	48-150	
Chloroform	20.0	19.7	93	2	30	78-125	
Chloromethane	20.0	18.2	91	3	30	43-140	
cis-1,2-Dichloroethene	20.0	20.9	92	5	30	78-121	
cis-1,3-Dichloropropene	20.0	22.8	114	2	30	74-125	
Cyclohexane	20.0	41.0	53	1	30	60-142	*
Dibromochloromethane	20.0	20.5	103	3	30	69-130	
Dichlorodifluoromethane	20.0	15.3	76	0	30	27-120	
Ethylbenzene	20.0	23.8	108	4	30	78-120	
Freon TF	20.0	18.7	94	3	30	51-142	
Isopropylbenzene	20.0	35.2	104	3	30	79-125	
Methylcyclohexane	20.0	29.8	83	0	30	49-149	
Methylene Chloride	20.0	20.3	102	2	30	74-127	
MTBE	20.0	20.4	98	1	30	72-131	
Styrene	20.0	22.0	110	4	30	82-127	
Tetrachloroethene	20.0	20.5	102	3	30	70-127	
Toluene	20.0	21.5	108	3	30	78-120	
trans-1,2-Dichloroethene	20.0	19.0	91	1	30	74-126	

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.: 460-298659-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T675595.D

Lab ID: 460-298659-3 MSD Client ID: NL-MW-3_20240220 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	22.8	114	3	30	66-127	
Trichloroethene	20.0	99.3	70	1	30	51-121	
Trichlorofluoromethane	20.0	19.7	98	4	30	50-120	
Vinyl chloride	20.0	17.1	86	1	30	55-144	
Xylenes, Total	40.0	44.3	109	4	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.: 460-298659-1

SDG No.:

Lab File ID: T675586.D Lab Sample ID: MB 460-961143/8

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

Instrument ID: CVOAMS15 Date Analyzed: 02/26/2024 08:57

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 460-961143/4	T675582.D	02/26/2024 07:25
	LCSD 460-961143/5	T675583.D	02/26/2024 07:48
NL-MW-TB-01_20240220	460-298659-5	T675587.D	02/26/2024 09:19
NL-MW-FB-01_20240220	460-298659-6	T675588.D	02/26/2024 09:42
NL-MW-1E_20240220	460-298659-1	T675589.D	02/26/2024 10:05
NL-MW-2E_20240220	460-298659-2	T675590.D	02/26/2024 10:27
NL-MW-Dup_20240220	460-298659-4	T675591.D	02/26/2024 10:50
NL-MW-3_20240220	460-298659-3	T675592.D	02/26/2024 11:13
NL-MW-3_20240220 MS	460-298659-3 MS	T675594.D	02/26/2024 11:58
NL-MW-3_20240220 MSD	460-298659-3 MSD	T675595.D	02/26/2024 12:20

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

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab File ID: T675075a.D BFB Injection Date: 02/12/2024

Instrument ID: CVOAMS15 BFB Injection Time: 21:52

Analysis Batch No.: 959077

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	86.0
96	5 - 9% of m/z 95	7.4
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	116.2
175	5 - 9% of m/z 174	8.4
176	95 -105% of m/z 174	95.5
177	5 - 10% of m/z 176	7.0

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 460-959077/3	T675077.D	02/12/2024	23:40
	STD05 460-959077/4	T675078.D	02/13/2024	0:03
	STD1 460-959077/5	T675079.D	02/13/2024	0:26
	STD5 460-959077/6	T675080.D	02/13/2024	0:49
	STD20 460-959077/7	T675081.D	02/13/2024	1:11
	STD50 460-959077/8	T675082.D	02/13/2024	1:34
	STD200 460-959077/9	T675083.D	02/13/2024	1:57
	STD500 460-959077/10	T675084.D	02/13/2024	2:20
	ICV 460-959077/15	T675089.D	02/13/2024	4:14

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

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Sample No.: STD20 460-959077/7 Date Analyzed: 02/13/2024 01:11

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675081.D Heated Purge: (Y/N) N

Calibration ID: 96005

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		66341	3.23	360784	4.44	561646	5.70
UPPER LIMIT		132682	3.73	721568	4.94	1123292	6.20
LOWER LIMIT		33171	2.73	180392	3.94	280823	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-959077/15		65790	3.23	369103	4.44	628924	5.70

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.: 460-298659-1

SDG No.:

Sample No.: STD20 460-959077/7 Date Analyzed: 02/13/2024 01:11

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675081.D Heated Purge: (Y/N) N

Calibration ID: 96005

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		54645	6.52	504423	9.83	283357	13.07
UPPER LIMIT		109290	7.02	1008846	10.33	566714	13.57
LOWER LIMIT		27323	6.02	252212	9.33	141679	12.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-959077/15		57921	6.52	567024	9.83	314590	13.07

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.: 460-298659-1

SDG No.:

Sample No.: CCVIS 460-961143/3 Date Analyzed: 02/26/2024 07:00

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675581.D Heated Purge: (Y/N) N

Calibration ID: 96005

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		68989	3.23	432865	4.44	688475	5.70
UPPER LIMIT		137978	3.73	865730	4.94	1376950	6.20
LOWER LIMIT		34495	2.73	216433	3.94	344238	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-961143/4		64822	3.23	410065	4.44	660487	5.70
LCSD 460-961143/5		70820	3.23	441649	4.44	683287	5.70
MB 460-961143/8		63779	3.23	425879	4.44	701303	5.70
460-298659-5	NL-MW-TB-01_20240220	58424	3.23	414549	4.44	692121	5.70
460-298659-6	NL-MW-FB-01_20240220	60580	3.23	426484	4.44	695260	5.70
460-298659-1	NL-MW-1E_20240220	55825	3.23	397030	4.44	674085	5.70
460-298659-2	NL-MW-2E_20240220	52478	3.23	368019	4.44	665446	5.70
460-298659-4	NL-MW-Dup_20240220	48289	3.23	354502	4.44	680703	5.70
460-298659-3	NL-MW-3_20240220	46044	3.23	341847	4.44	686063	5.70
460-298659-3 MS	NL-MW-3_20240220 MS	52640	3.23	364667	4.44	657988	5.70
460-298659-3 MSD	NL-MW-3_20240220 MSD	54180	3.23	361531	4.44	650058	5.70

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.: 460-298659-1

SDG No.:

Sample No.: CCVIS 460-961143/3 Date Analyzed: 02/26/2024 07:00

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): T675581.D Heated Purge: (Y/N) N

Calibration ID: 96005

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		52949	6.52	531526	9.83	272959	13.07
UPPER LIMIT		105898	7.02	1063052	10.33	545918	13.57
LOWER LIMIT		26475	6.02	265763	9.33	136480	12.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-961143/4		49775	6.52	511152	9.83	266836	13.07
LCSD 460-961143/5		53552	6.52	526665	9.83	273802	13.07
MB 460-961143/8		49862	6.52	525621	9.83	276542	13.07
460-298659-5	NL-MW-TB-01_20240220	46914	6.52	520580	9.83	270556	13.07
460-298659-6	NL-MW-FB-01_20240220	45167	6.52	521804	9.83	275036	13.07
460-298659-1	NL-MW-1E_20240220	41104	6.52	506194	9.83	261957	13.07
460-298659-2	NL-MW-2E_20240220	40694	6.52	497869	9.83	256632	13.07
460-298659-4	NL-MW-Dup_20240220	35765	6.52	503238	9.83	263837	13.07
460-298659-3	NL-MW-3_20240220	35488	6.52	511419	9.83	268034	13.07
460-298659-3 MS	NL-MW-3_20240220 MS	39068	6.52	506154	9.83	259016	13.07
460-298659-3 MSD	NL-MW-3_20240220 MSD	42208	6.53	504715	9.83	255789	13.07

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.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-1E_20240220 | Lab Sample ID: 460-298659-1

Matrix: Water | Lab File ID: T675589.D

Analysis Method: 8260D | Date Collected: 02/20/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:05

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	7.4		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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D
Lims ID: 460-298659-A-1
Client ID: NL-MW-1E_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:05:25 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-1
Misc. Info.: 460-0172710-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	94	55825	1000.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	397030	250.0	
52 Chloroform	83	4.799	4.799	0.000	89	6514	0.7538	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	96	183567	44.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	195404	53.1	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	674085	50.0	
67 Trichloroethene	95	6.115	6.110	0.005	94	40790	7.42	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	41104	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	656205	56.6	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	506194	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	209751	46.6	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	261957	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 14:28:29 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D

Injection Date: 26-Feb-2024 10:05:25 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-1 Lab Sample ID: 460-298659-1

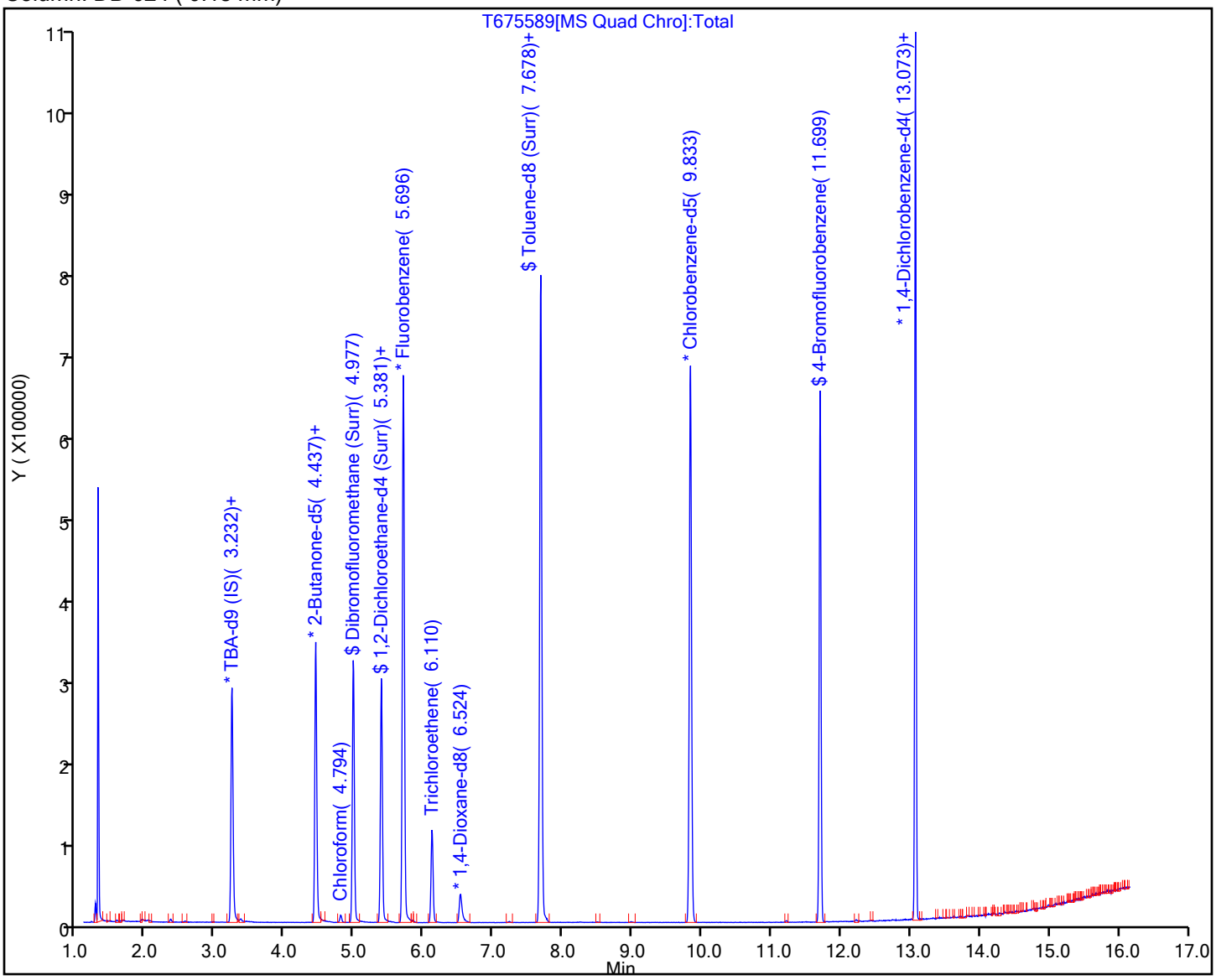
Client ID: NL-MW-1E_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D
Lims ID: 460-298659-A-1
Client ID: NL-MW-1E_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:05:25 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-1
Misc. Info.: 460-0172710-011
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.5	88.97
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.11
$ 83 Toluene-d8 (Surr)	50.0	56.6	113.26
$ 105 4-Bromofluorobenzene	50.0	46.6	93.26

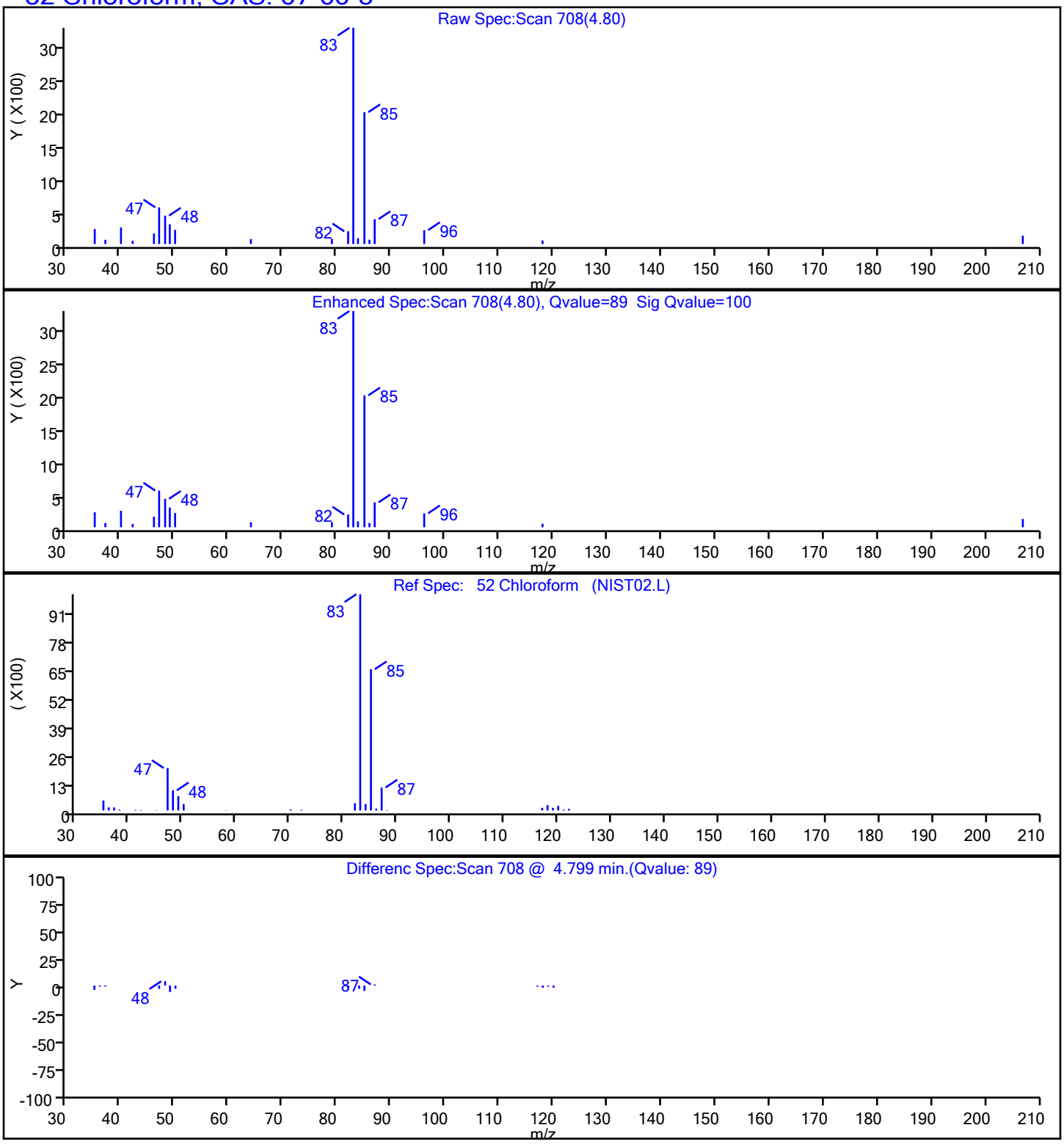
Report Date: 26-Feb-2024 14:28:30 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D

Injection Date:	26-Feb-2024 10:05:25	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-1	Lab Sample ID:	460-298659-1
Client ID:	NL-MW-1E_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

52 Chloroform, CAS: 67-66-3



2/27/2024
9:41:16 AM

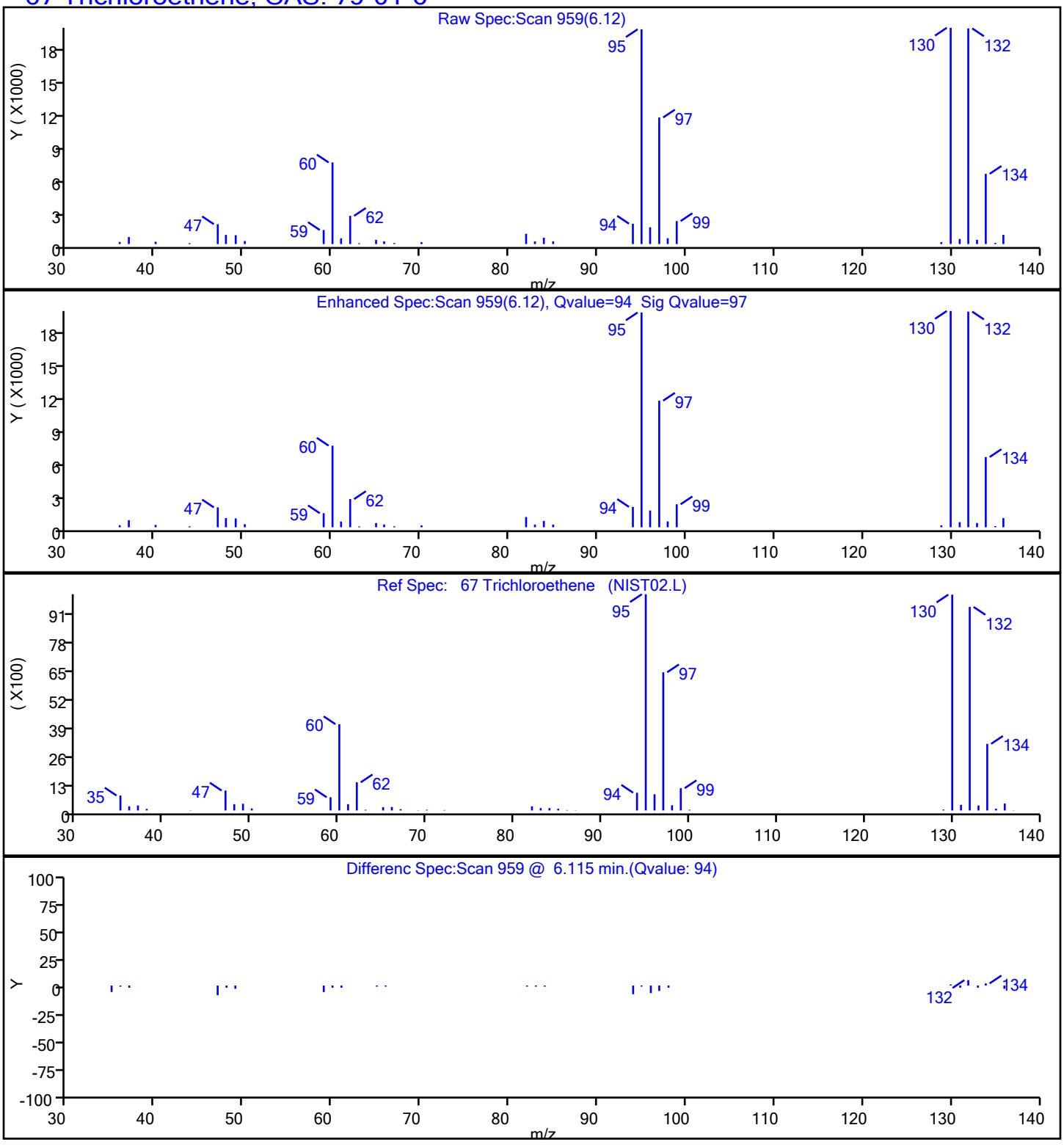
Report Date: 26-Feb-2024 14:28:30 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675589.D

Injection Date:	26-Feb-2024 10:05:25	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-1	Lab Sample ID:	460-298659-1		
Client ID:	NL-MW-1E_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

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	0.29	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	0.26	J	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-2E_20240220 | Lab Sample ID: 460-298659-2

Matrix: Water | Lab File ID: T675590.D

Analysis Method: 8260D | Date Collected: 02/20/2024 10:12

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:27

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	1.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	5.9		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.51	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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D
Lims ID: 460-298659-A-2
Client ID: NL-MW-2E_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:27:58 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-2
Misc. Info.: 460-0172710-012
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 10:58:42 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.722	1.716	0.006	91	3541	0.5080	
* 31 TBA-d9 (IS)	66	3.226	3.232	-0.006	95	52478	1000.0	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	93	9672	1.89	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	46	368019	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	24	1496	0.2577	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	96	184523	45.3	
60 Benzene	78	5.360	5.360	0.000	38	4491	0.2934	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	193124	53.1	
* 65 Fluorobenzene	96	5.696	5.701	-0.005	99	665446	50.0	
67 Trichloroethene	95	6.110	6.110	0.000	91	32051	5.90	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	40694	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	648391	56.9	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	497869	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	206782	46.7	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	256632	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date: 26-Feb-2024 10:27:58 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-2 Lab Sample ID: 460-298659-2

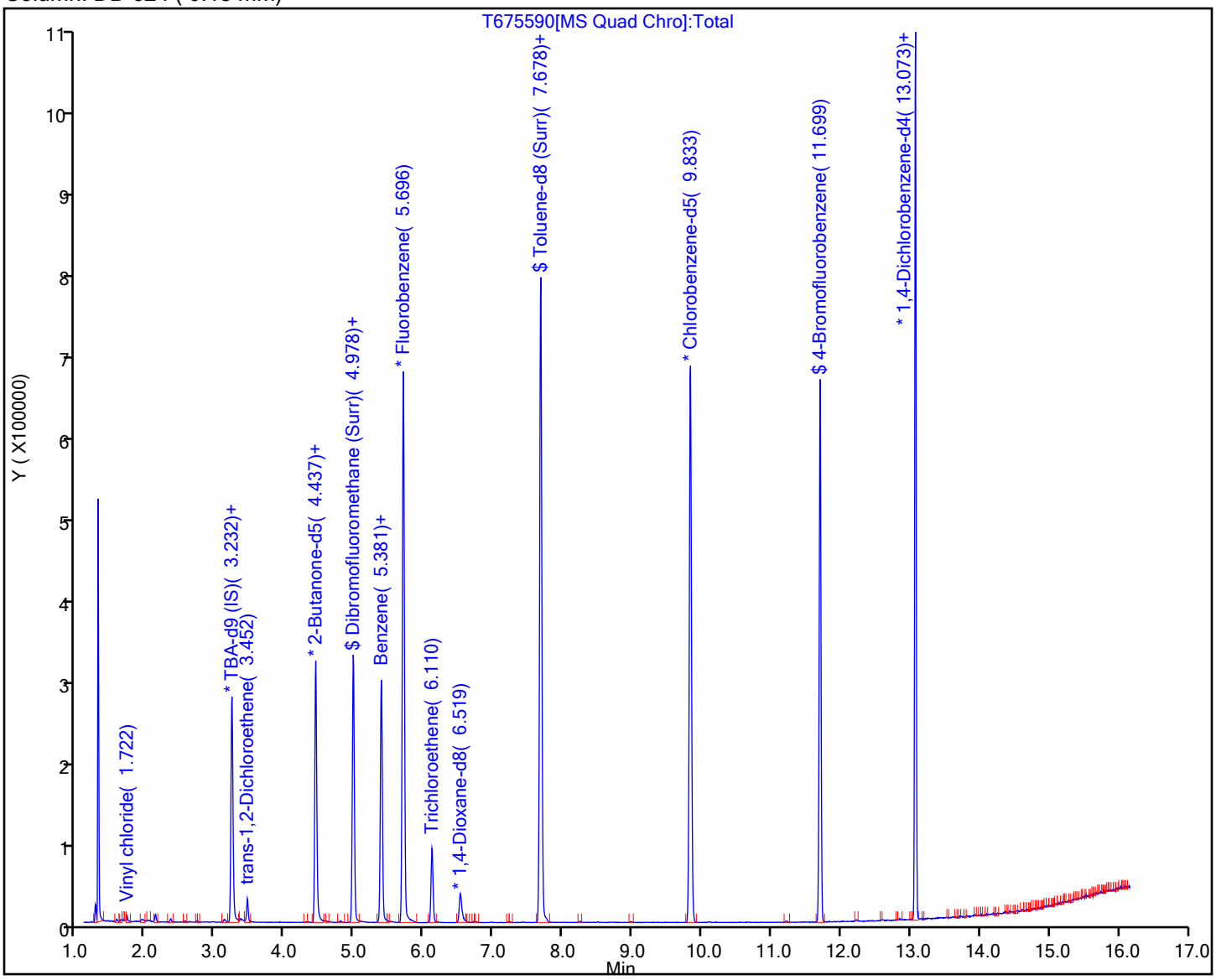
Client ID: NL-MW-2E_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D				
Lims ID:	460-298659-A-2				
Client ID:	NL-MW-2E_20240220				
Sample Type:	Client				
Inject. Date:	26-Feb-2024 10:27:58	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-298659-A-2				
Misc. Info.:	460-0172710-012				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	26-Feb-2024 10:58:42	Calib Date:	13-Feb-2024 02:20:26		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1654				

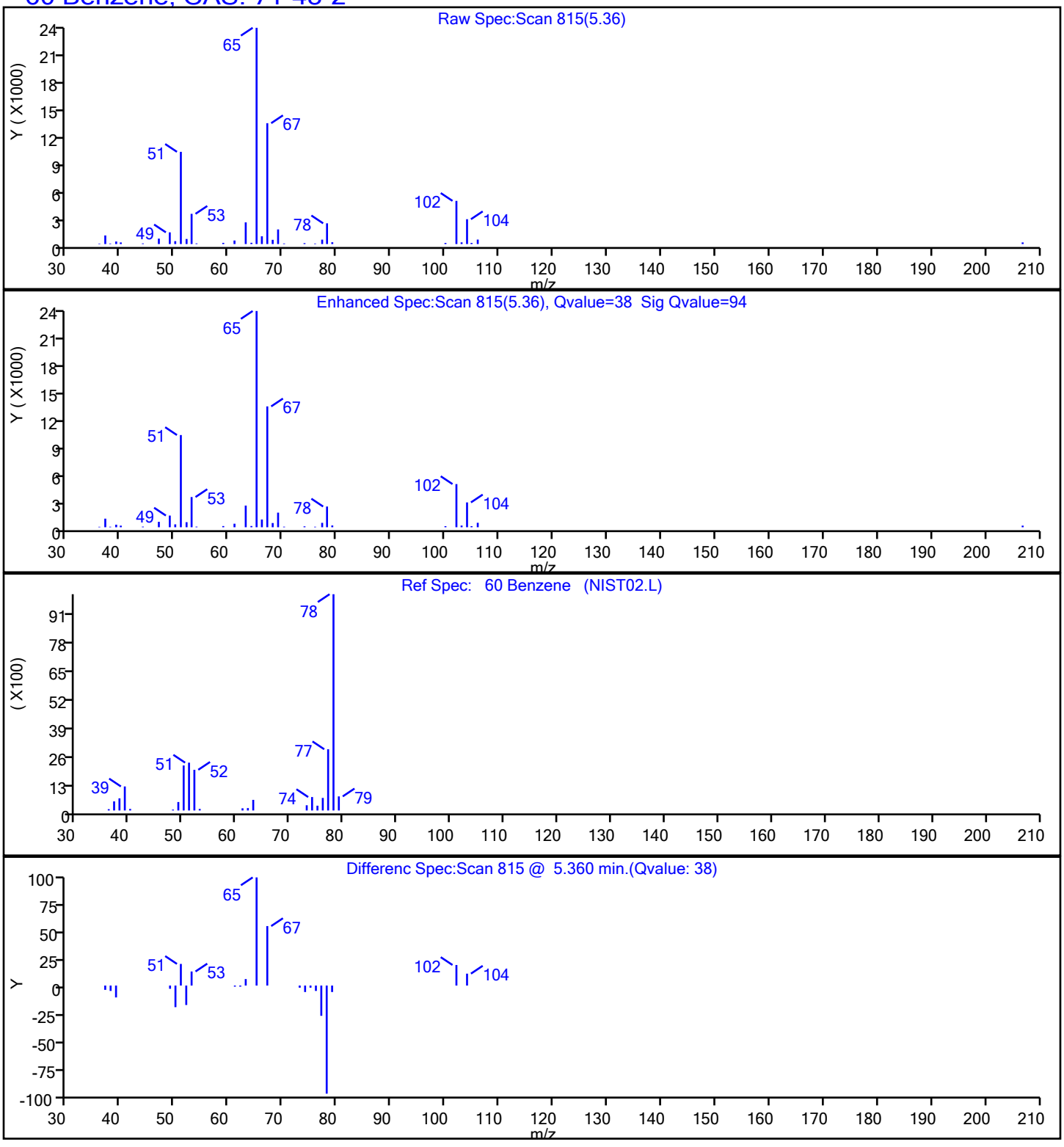
First Level Reviewer: FK2C Date: 26-Feb-2024 10:58:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.3	90.60
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.23
$ 83 Toluene-d8 (Surr)	50.0	56.9	113.79
$ 105 4-Bromofluorobenzene	50.0	46.7	93.47

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D
Injection Date: 26-Feb-2024 10:27:58 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-2 Lab Sample ID: 460-298659-2
Client ID: NL-MW-2E_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2



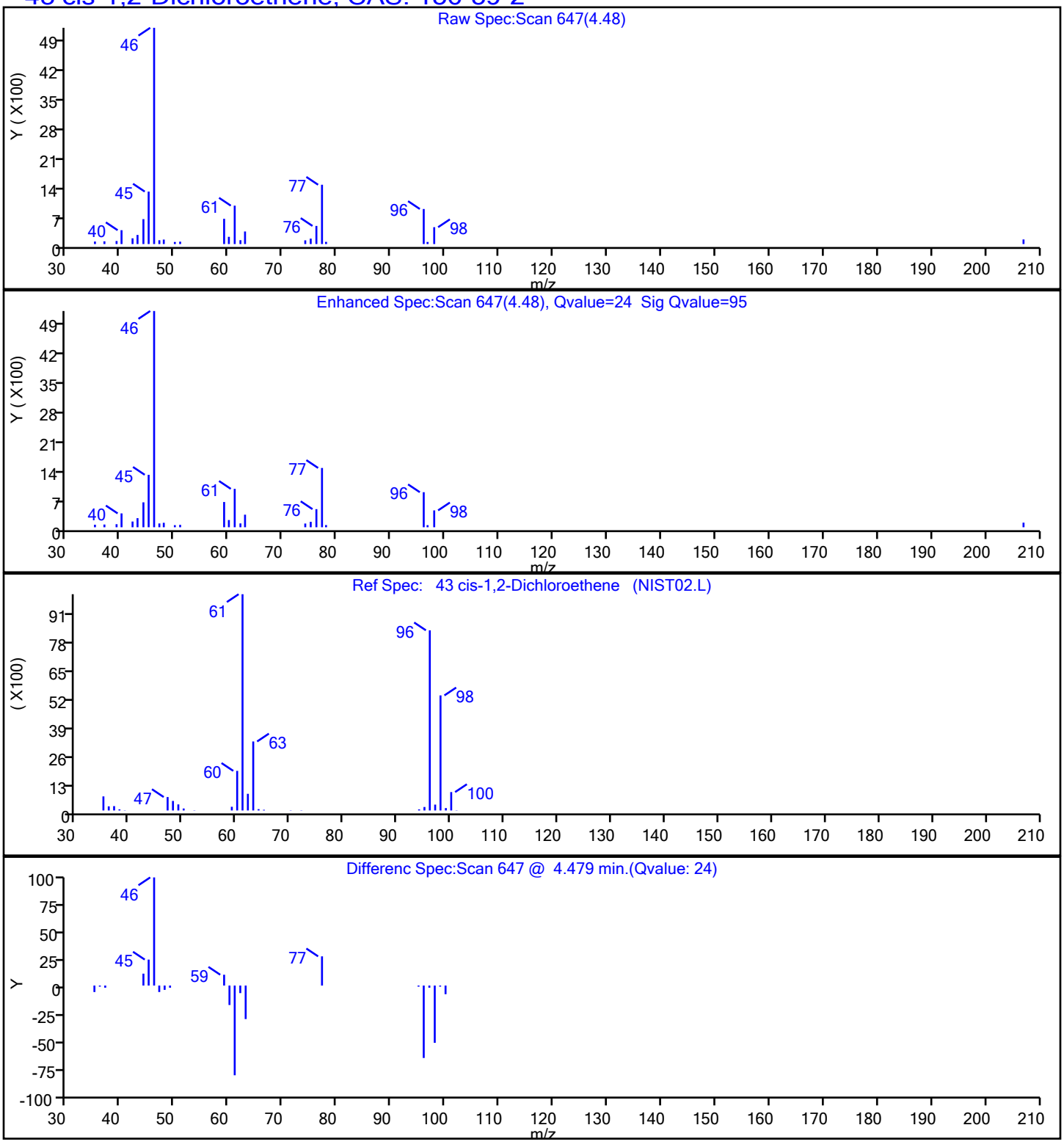
Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2		
Client ID:	NL-MW-2E_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



2/27/2024
9:41:16 AM

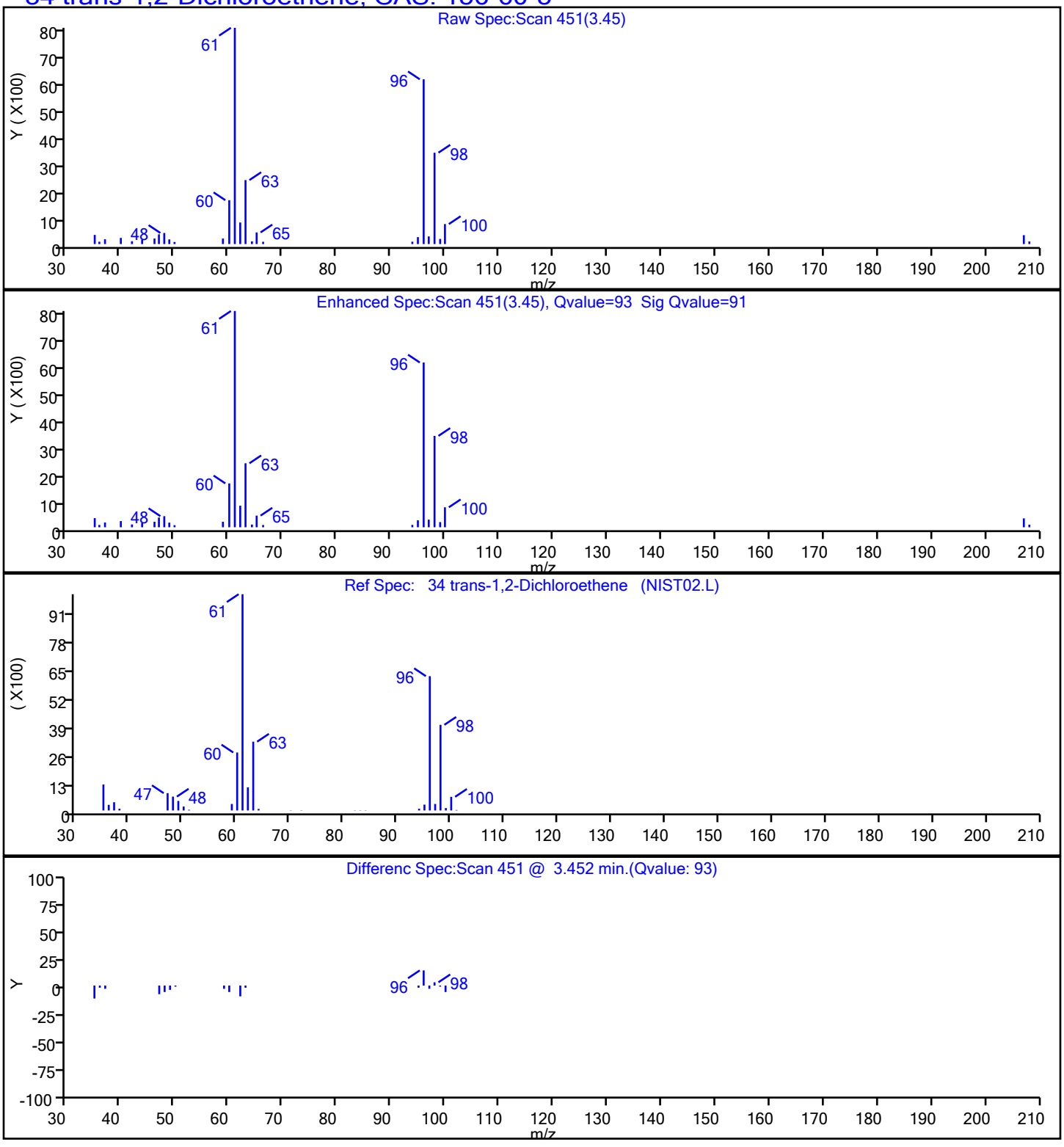
Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2
Client ID:	NL-MW-2E_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	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



2/27/2024
9:41:16 AM

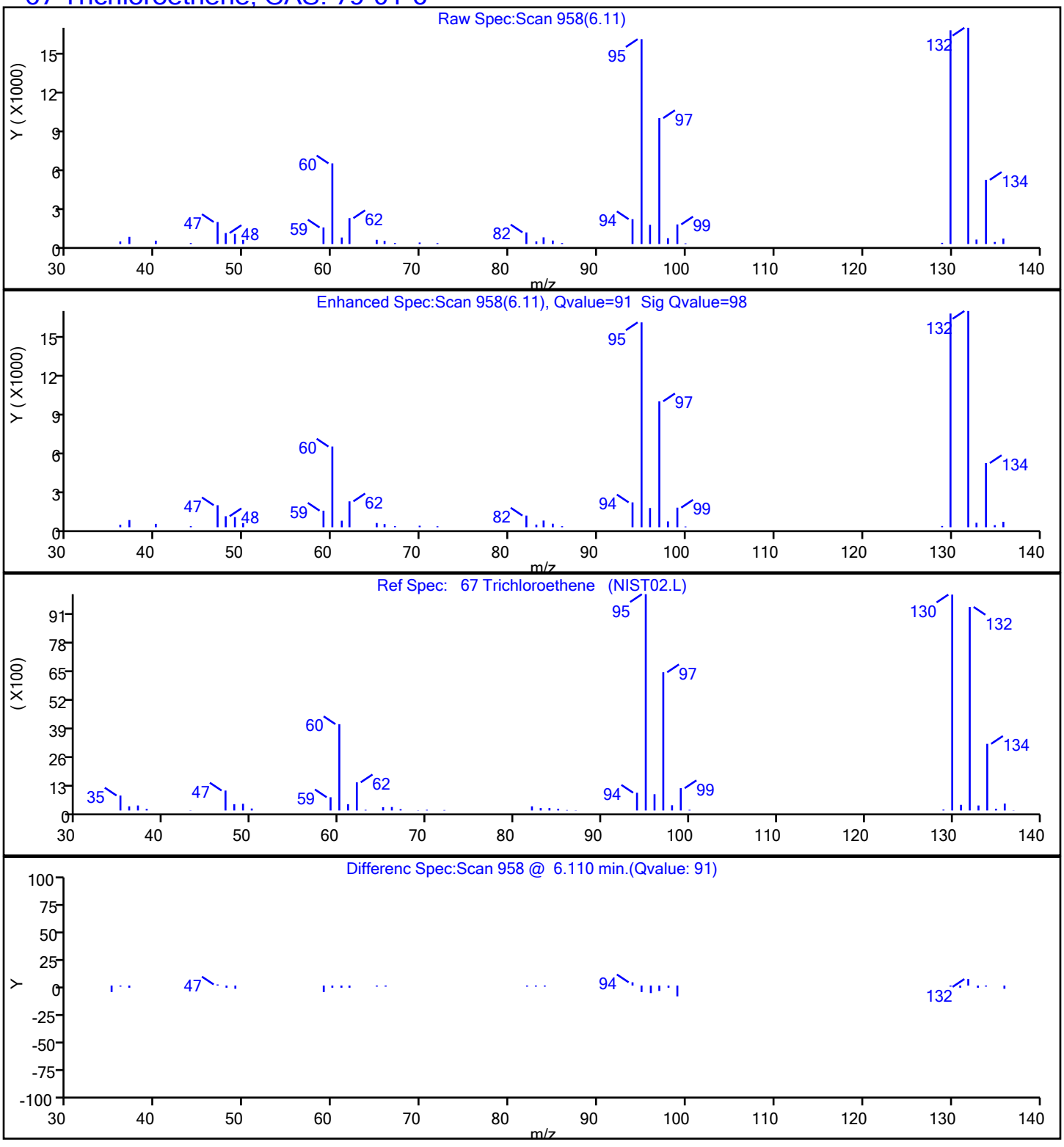
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2
Client ID:	NL-MW-2E_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6



2/27/2024
9:41:16 AM

Report Date: 26-Feb-2024 10:58:49 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D

Injection Date: 26-Feb-2024 10:27:58 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-2 Lab Sample ID: 460-298659-2

Client ID: NL-MW-2E_20240220

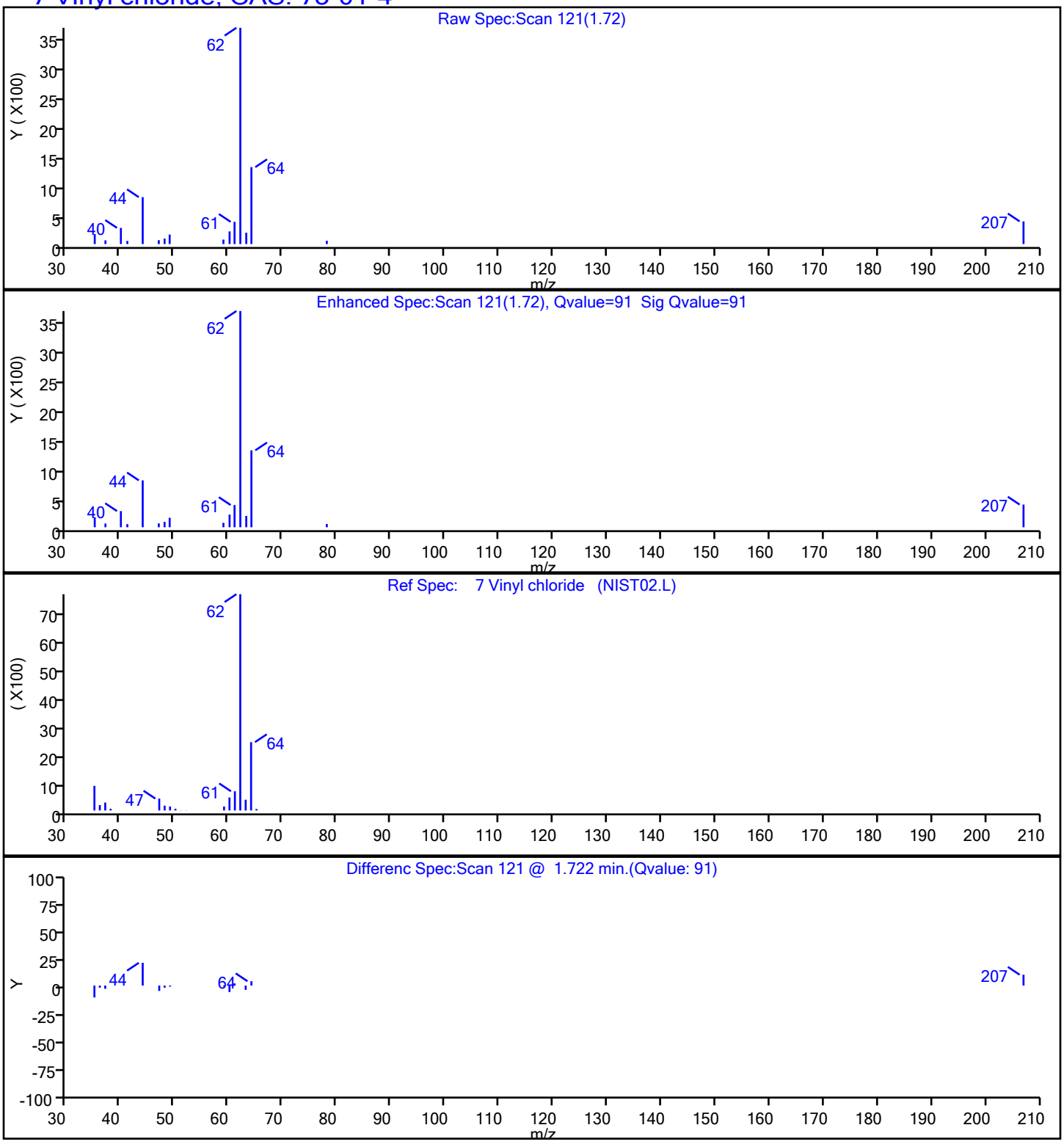
Operator ID: ALS Bottle#: 0 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



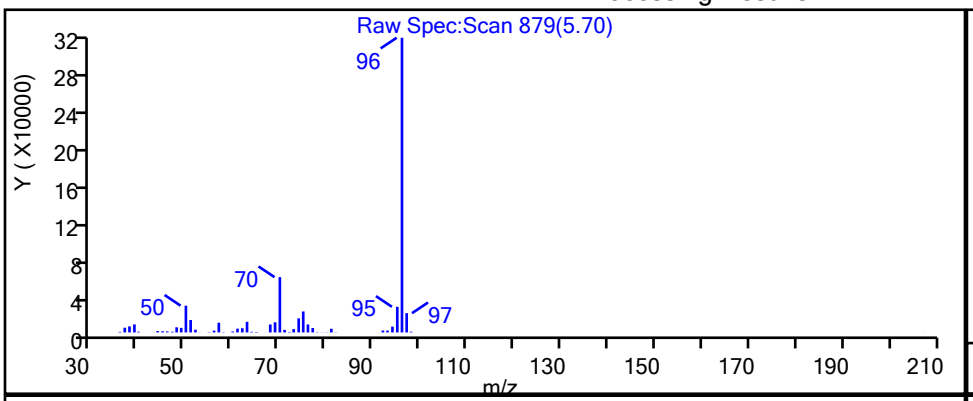
User Disabled Compound Report

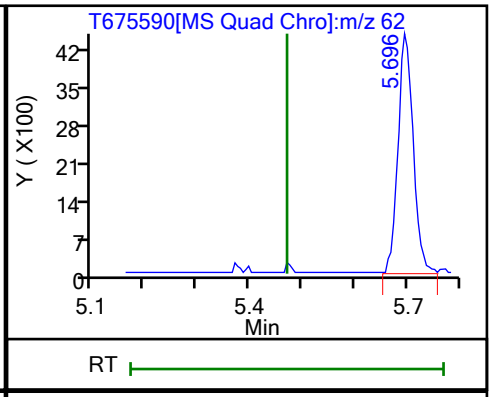
Eurofins Edison

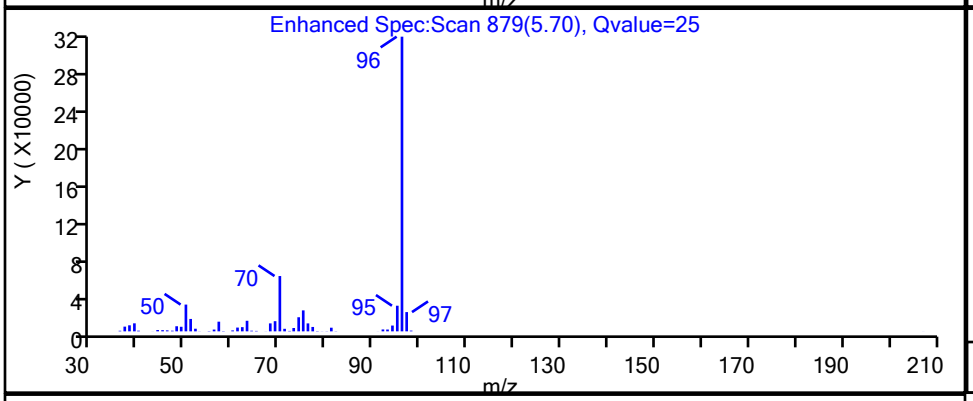
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675590.D				
Injection Date:	26-Feb-2024 10:27:58	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-2	Lab Sample ID:	460-298659-2		
Client ID:	NL-MW-2E_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

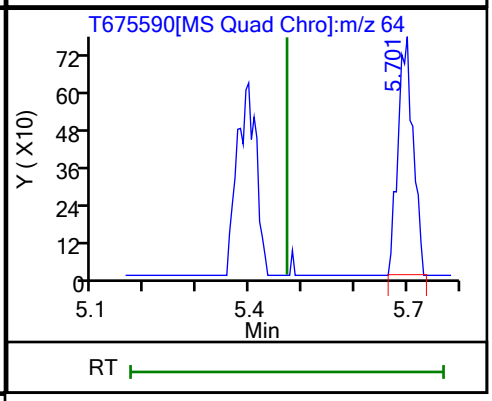
61 1,2-Dichloroethane, CAS: 107-06-2

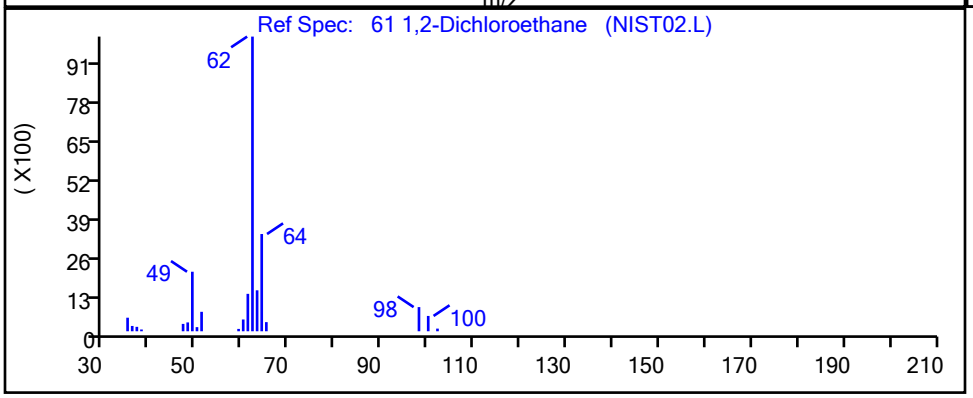
Processing Results











RT	Mass	Response	Amount
5.70	62.00	8959	1.593826
5.70	64.00	1564	

Reviewer: FK2C, 26-Feb-2024 10:58:31 -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.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

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	6.0		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	30		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
100-41-4	Ethylbenzene	2.3		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 | Lab Sample ID: 460-298659-3

Matrix: Water | Lab File ID: T675592.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:13

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	14		1.0	0.34
108-87-2	Methylcyclohexane	13		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.85	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	0.71	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	85		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	0.70	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Lims ID: 460-298659-A-3
Client ID: NL-MW-3_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 11:13:04 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3
Misc. Info.: 460-0172710-014
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:32:26 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
13 Pentane	72	2.351	2.346	0.005	97	3789	5.20	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	94	46044	1000.0	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	55	10802	0.8528	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	76	3754	0.7114	
36 Hexane	57	3.625	3.625	0.000	78	3253	0.7408	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	46	341847	250.0	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	90	14498	2.42	
52 Chloroform	83	4.799	4.799	0.000	79	8964	1.02	
55 Cyclohexane	84	4.941	4.936	0.005	90	192491	30.3	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	183753	43.8	
62 Isooctane	57	5.324	5.329	-0.005	33	11225	1.33	
60 Benzene	78	5.360	5.360	0.000	94	94722	6.02	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	90	196376	52.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	686063	50.0	
67 Trichloroethene	95	6.110	6.110	0.000	95	477426	85.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	94	83796	13.2	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	35488	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	664825	56.8	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	511419	50.0	
97 Ethylbenzene	106	10.011	10.016	-0.005	97	13589	2.27	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	88	5101	0.7033	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	244097	14.4	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	97	215448	47.4	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	143443	7.68	
112 4-Ethyltoluene	105	12.145	12.150	-0.005	91	6944	0.4435	
116 tert-Butylbenzene	119	12.596	12.601	-0.005	92	19798	1.86	
118 sec-Butylbenzene	105	12.848	12.848	0.000	99	79178	5.25	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	268034	50.0	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	96	20008	1.54	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	85	40377	2.99	
127 p-Diethylbenzene	119	13.403	13.403	0.000	89	12245	1.59	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
128 n-Butylbenzene	92	13.424	13.430	-0.006	90	3402	0.5676	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	87	5466	0.5087	
S 136 1,2-Dichloroethene, Total	100				0		3.13	
S 137 Xylenes, Total	100				0		0.7033	
S 140 Total BTEX	1				0		9.00	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 14:32:27 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3

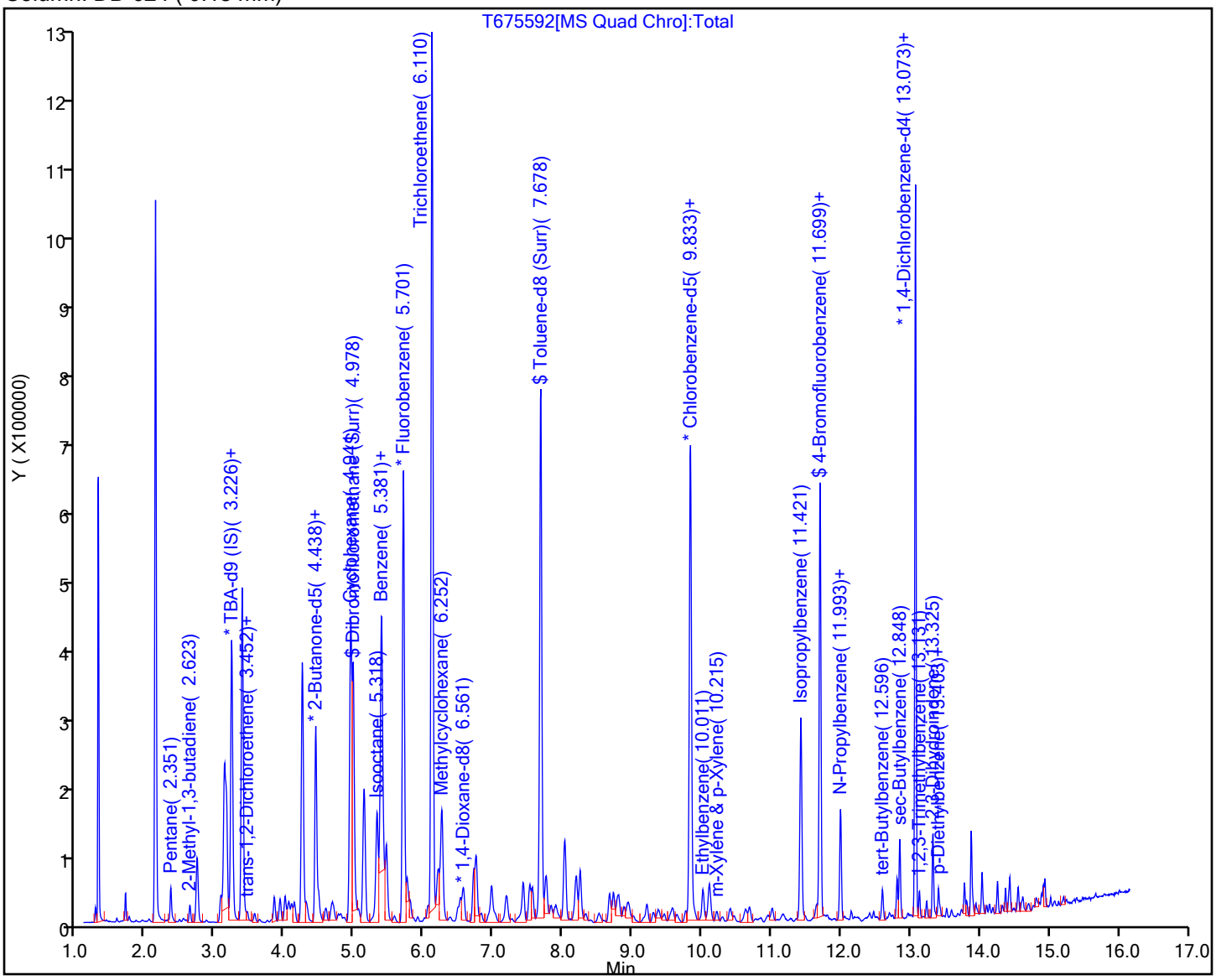
Client ID: NL-MW-3_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Lims ID:	460-298659-A-3				
Client ID:	NL-MW-3_20240220				
Sample Type:	Client				
Inject. Date:	26-Feb-2024 11:13:04	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-298659-A-3				
Misc. Info.:	460-0172710-014				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	26-Feb-2024 14:32:26	Calib Date:	13-Feb-2024 02:20:26		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1641				

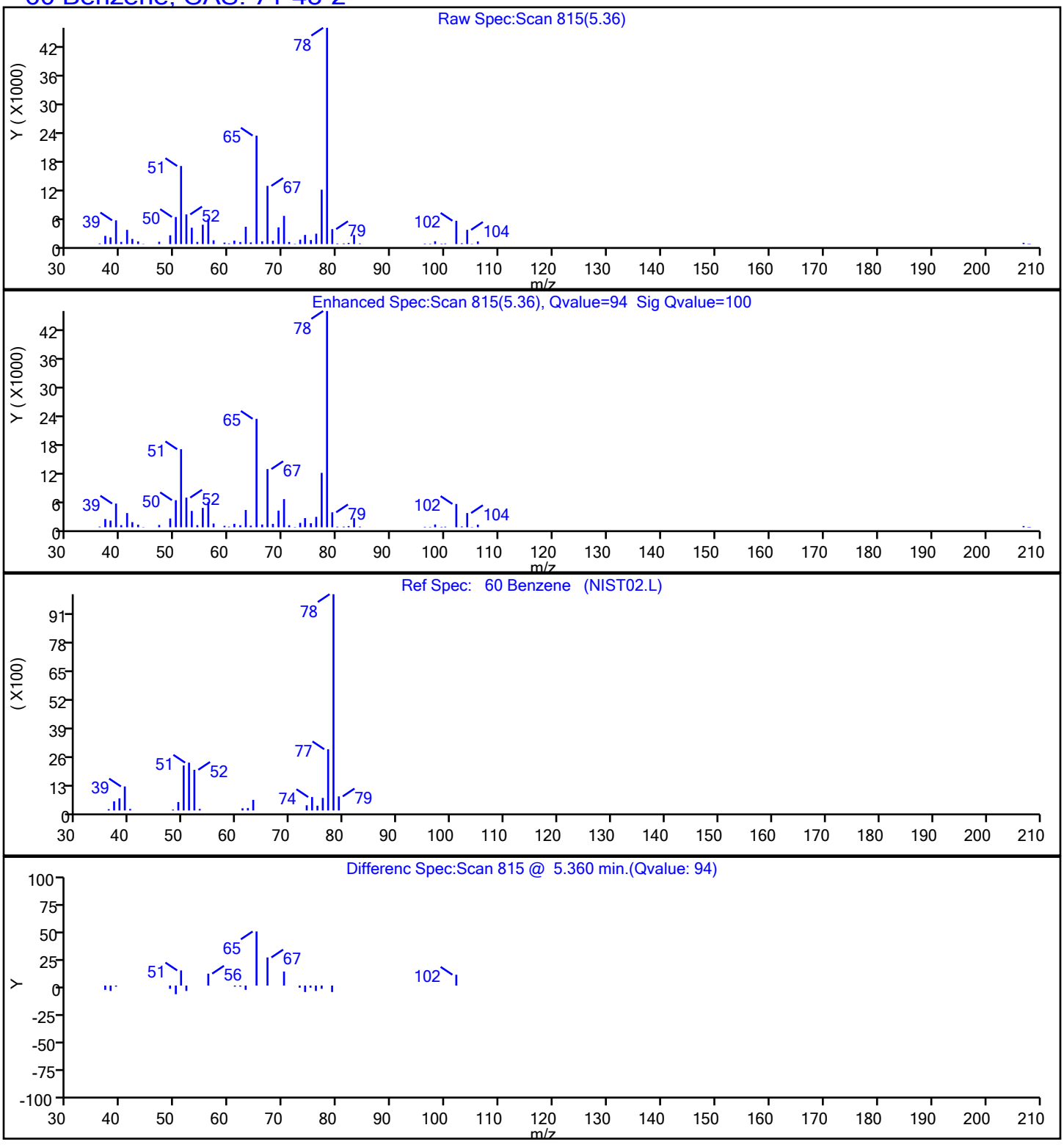
First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.8	87.51
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.78
$ 83 Toluene-d8 (Surr)	50.0	56.8	113.58
$ 105 4-Bromofluorobenzene	50.0	47.4	94.81

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3
Client ID: NL-MW-3_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

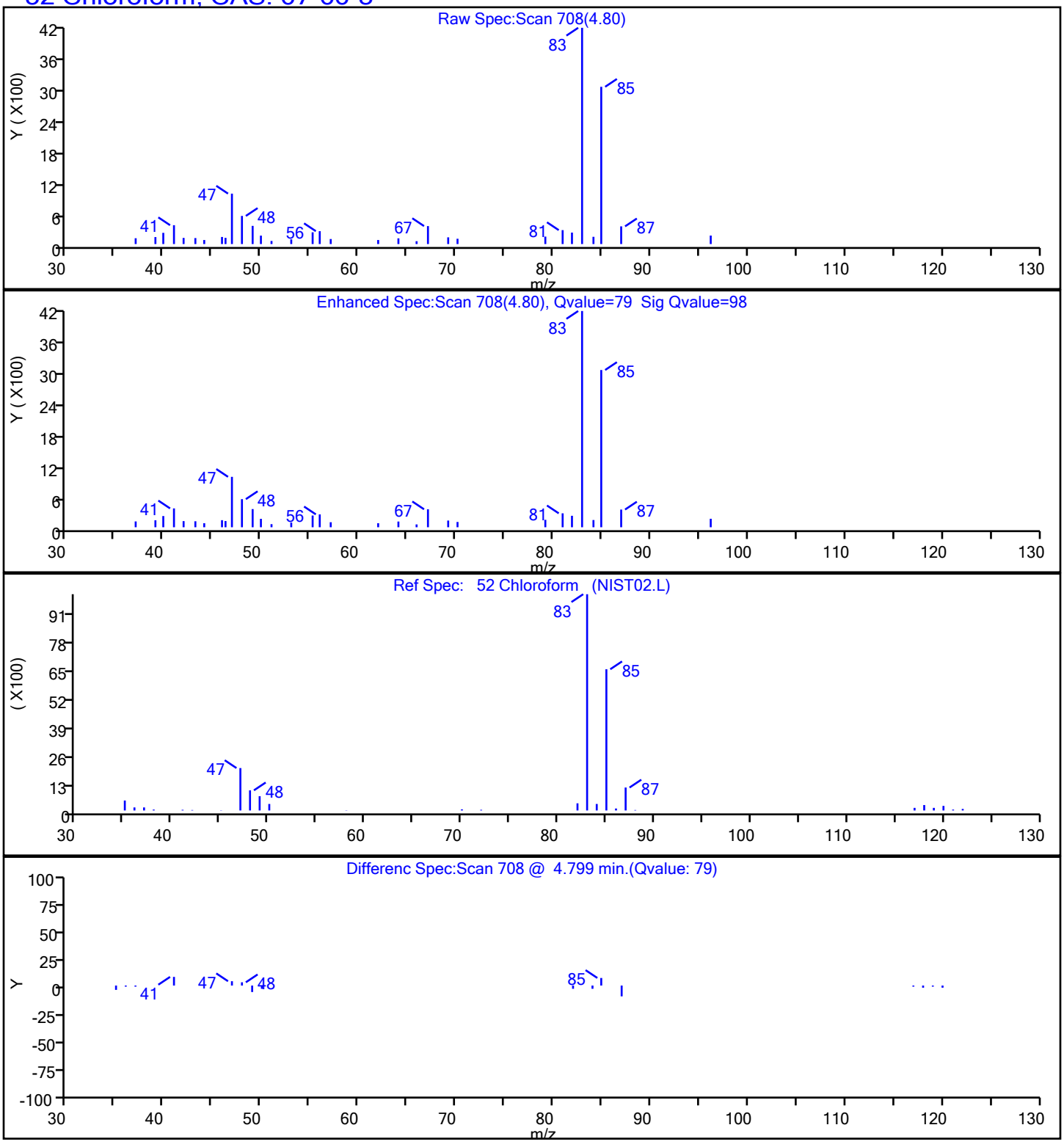
60 Benzene, CAS: 71-43-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3
Client ID: NL-MW-3_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



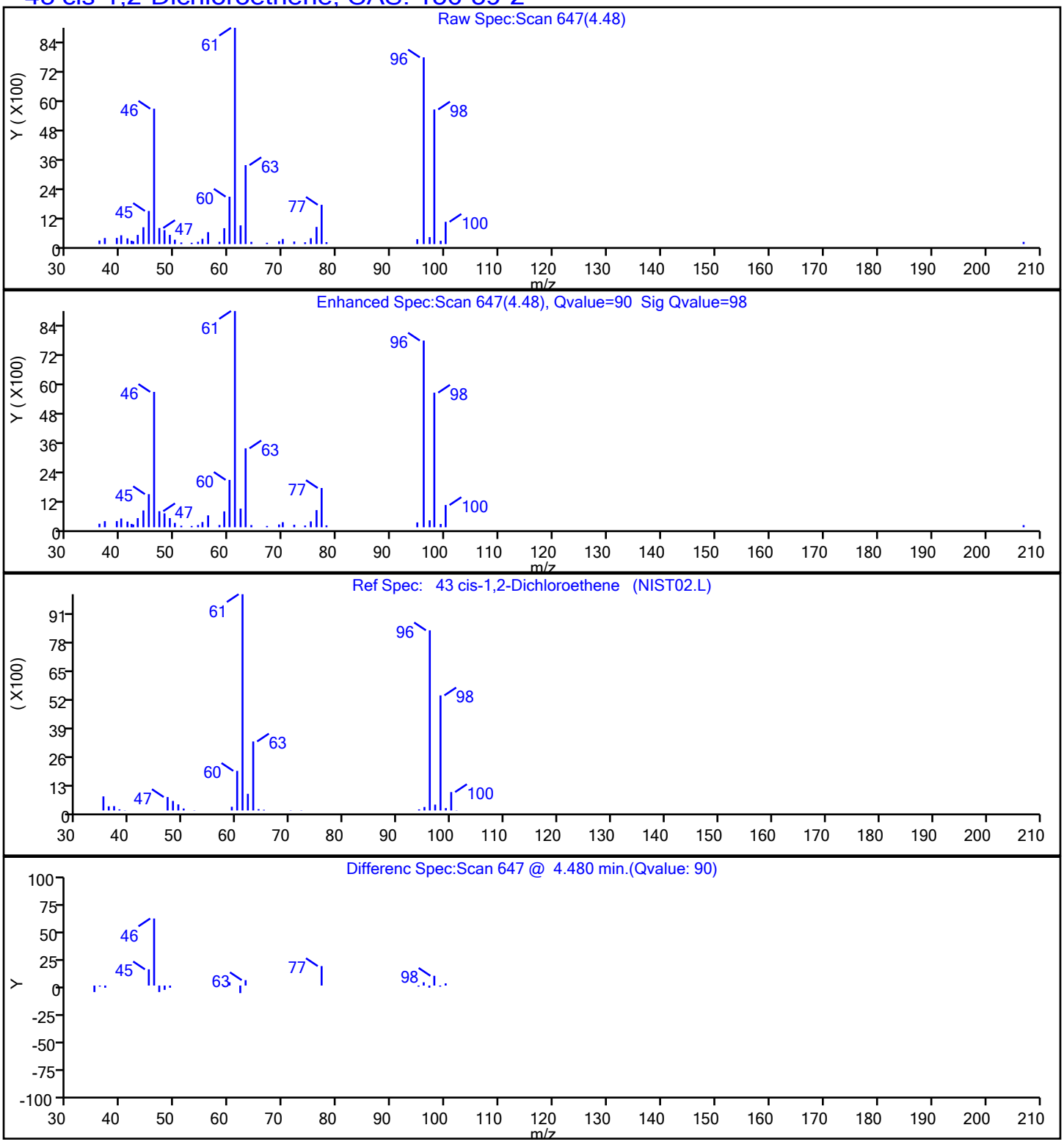
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



2/27/2024
9:41:16 AM

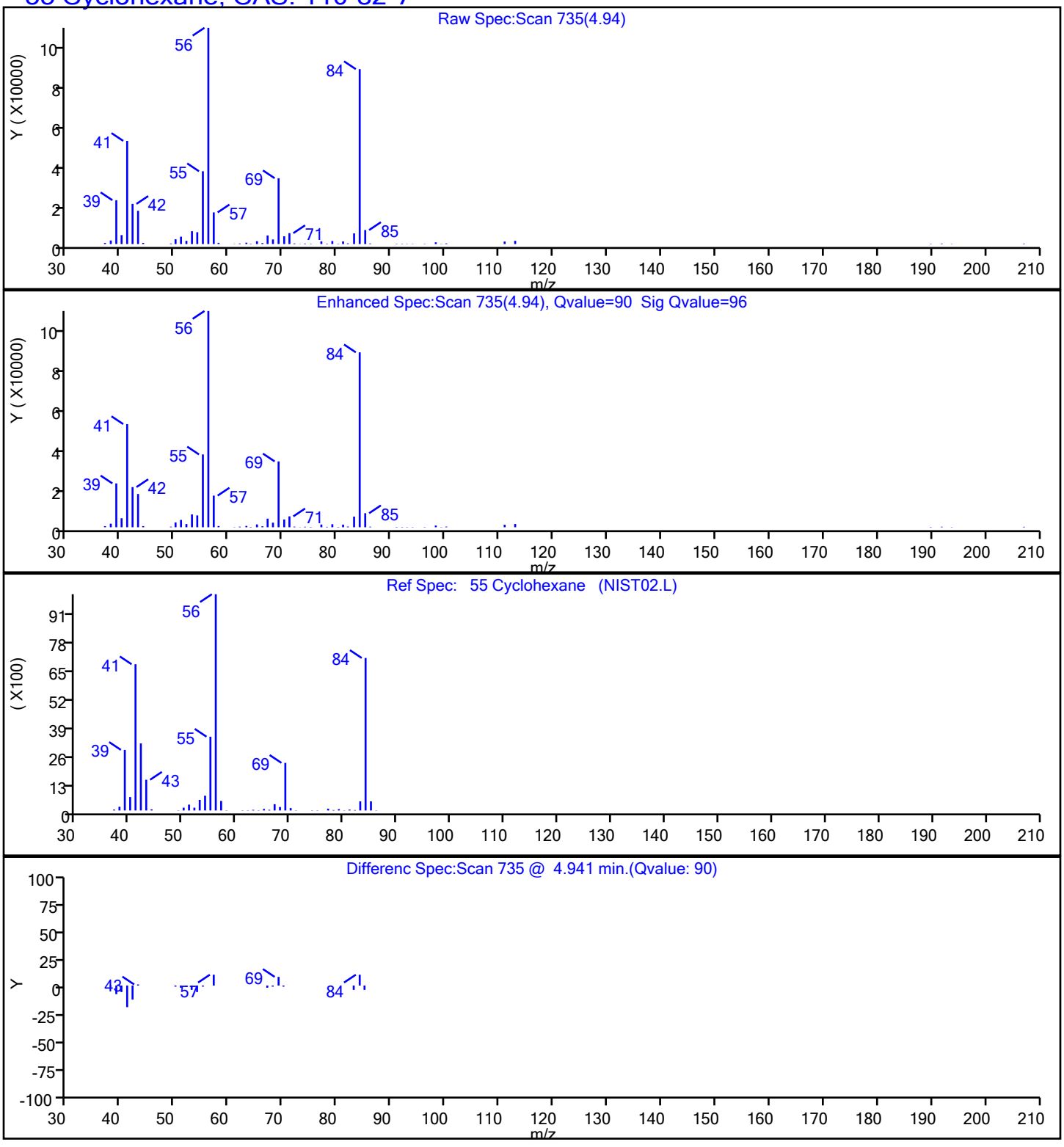
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



2/27/2024
9:41:16 AM

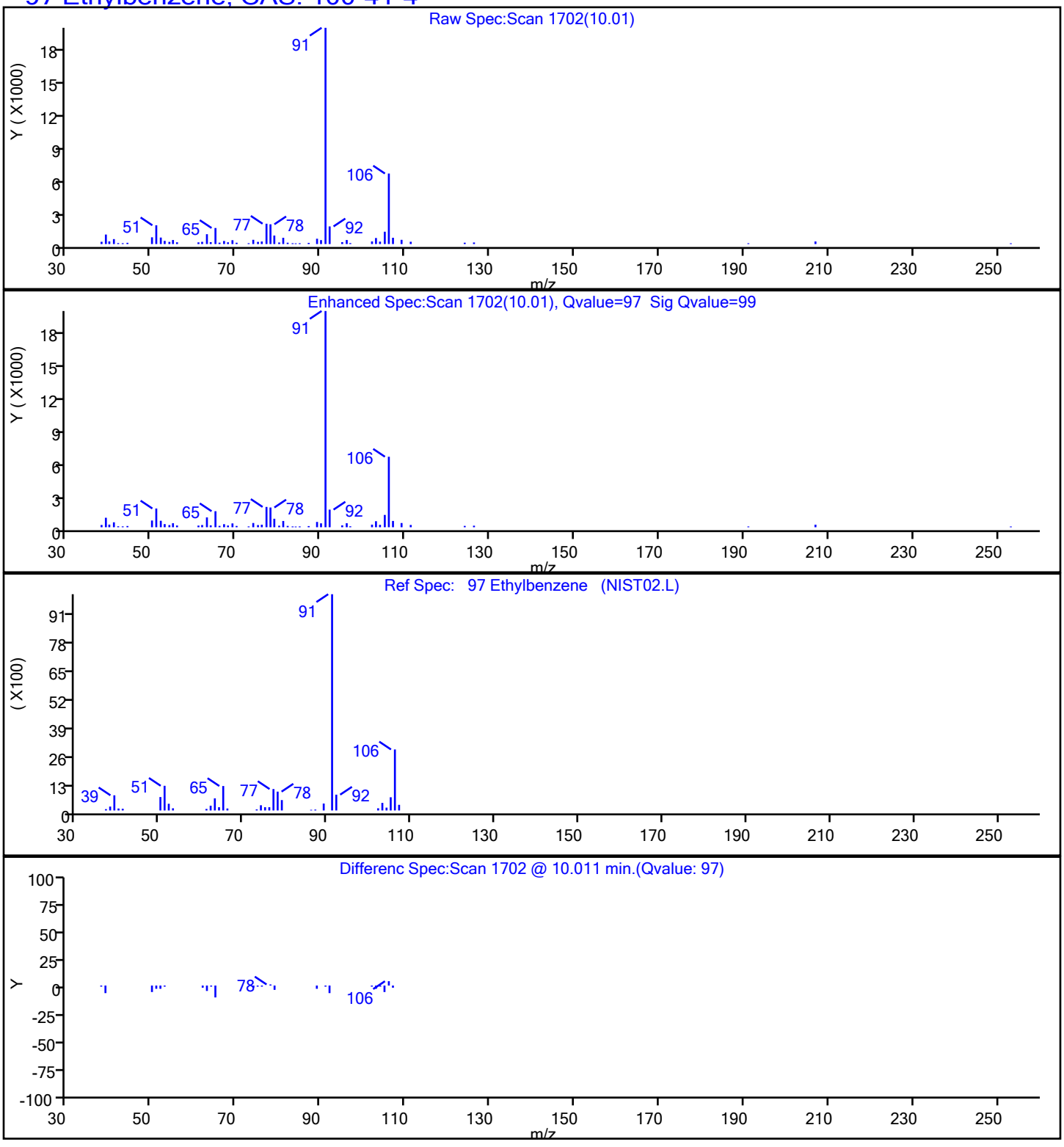
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

97 Ethylbenzene, CAS: 100-41-4



2/27/2024
9:41:16 AM

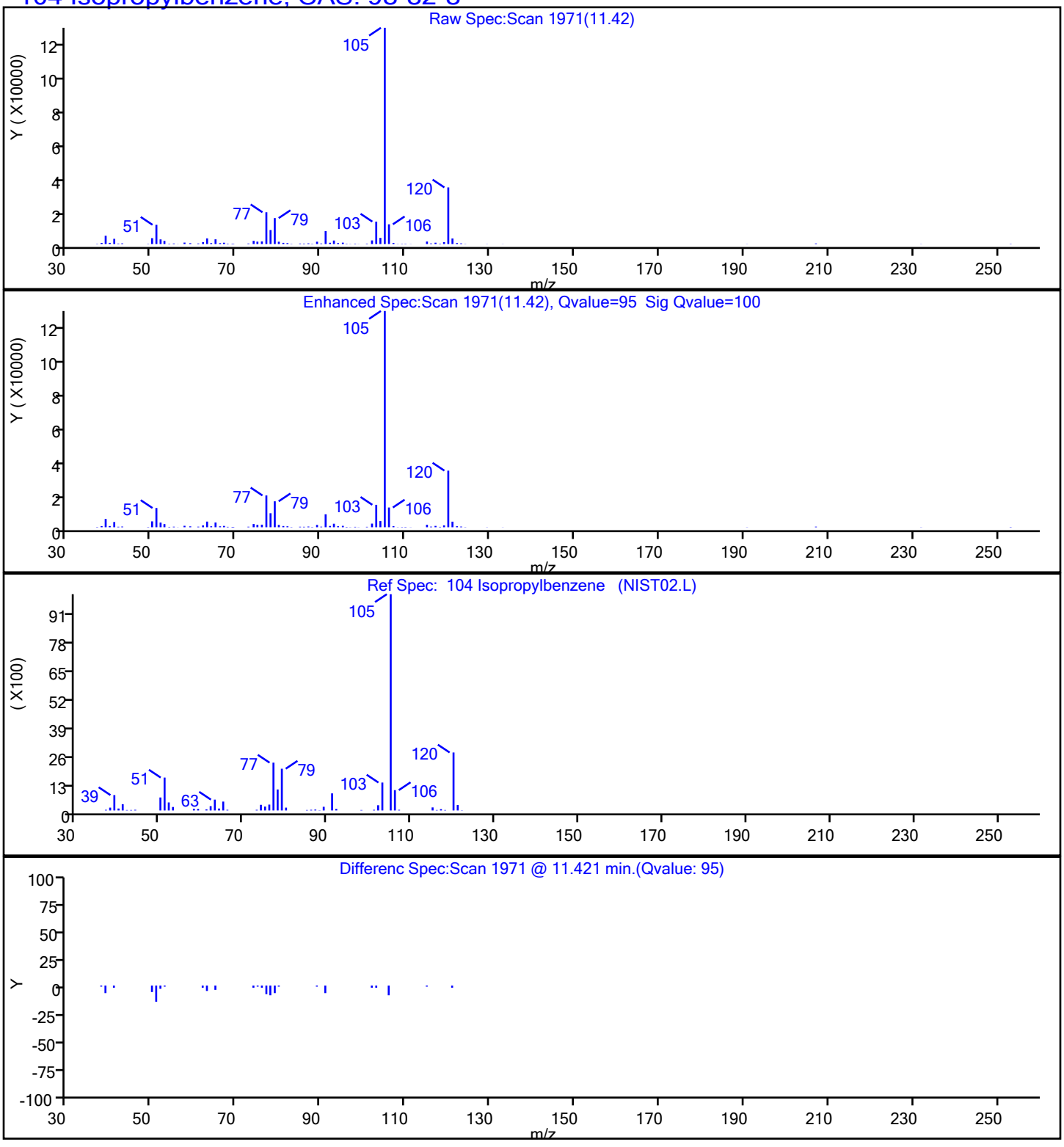
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3
Client ID:	NL-MW-3_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

104 Isopropylbenzene, CAS: 98-82-8



2/27/2024
9:41:16 AM

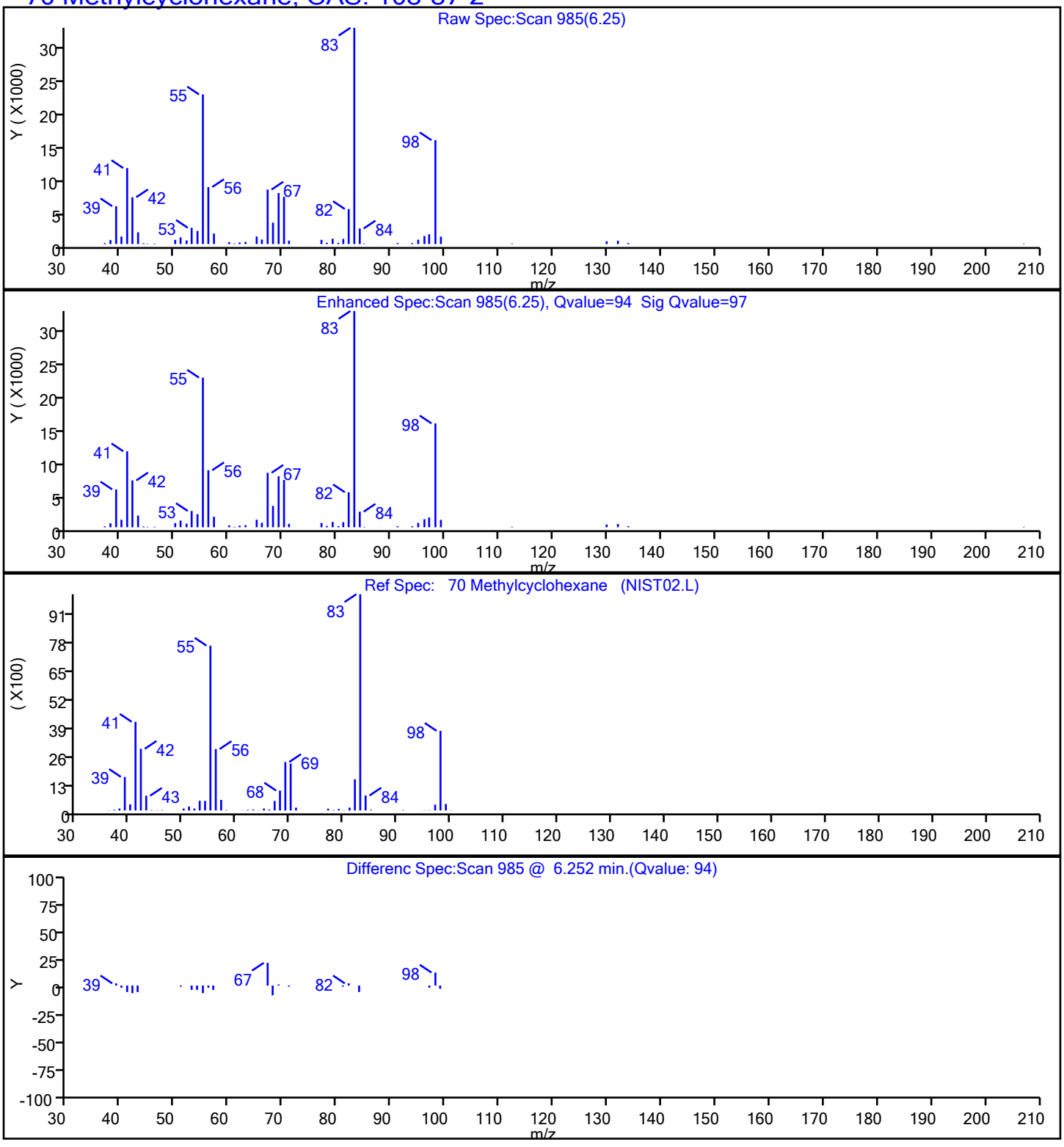
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3
Client ID:	NL-MW-3_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

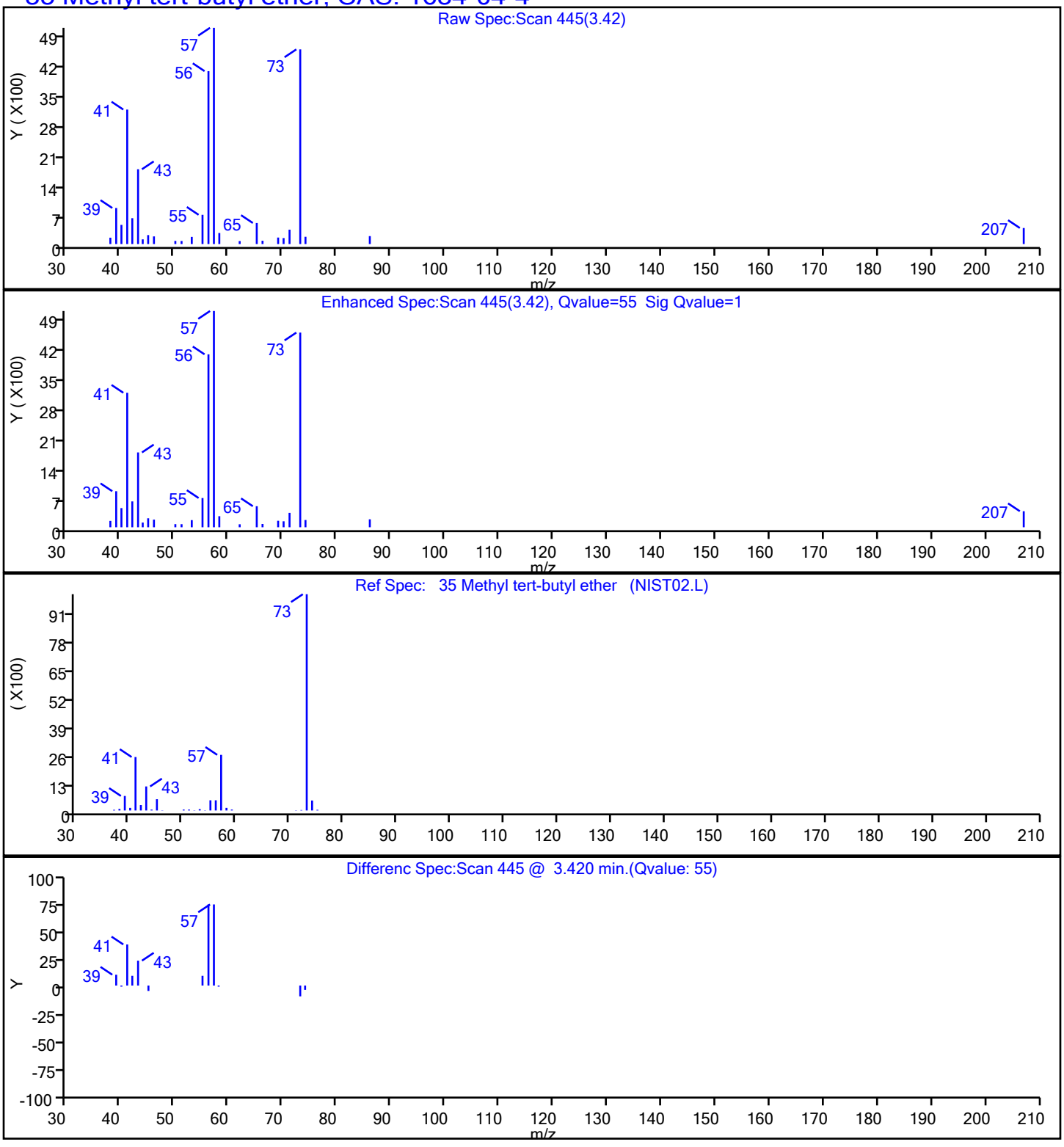
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D
Injection Date: 26-Feb-2024 11:13:04 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-3 Lab Sample ID: 460-298659-3
Client ID: NL-MW-3_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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



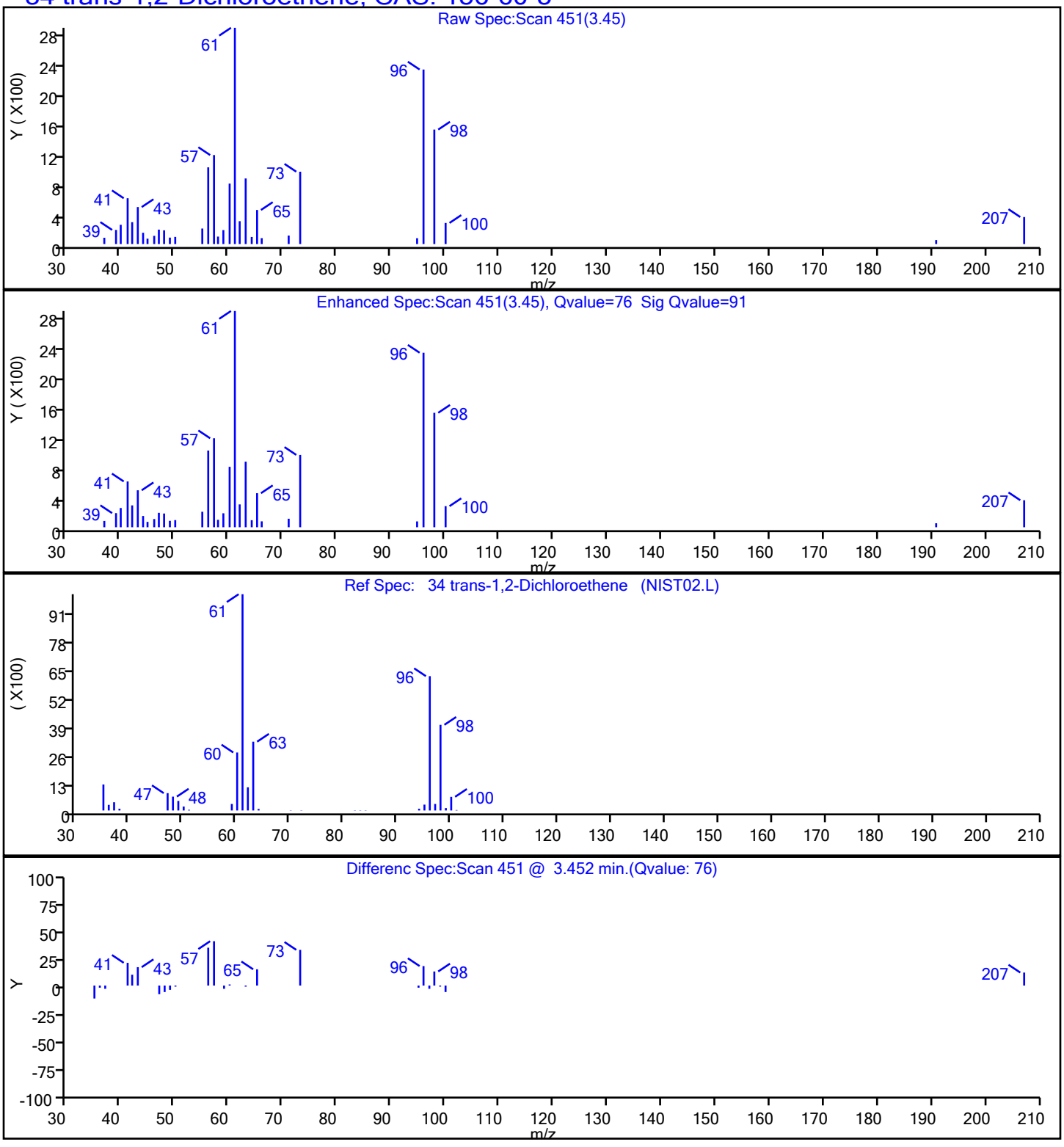
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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



2/27/2024
9:41:16 AM

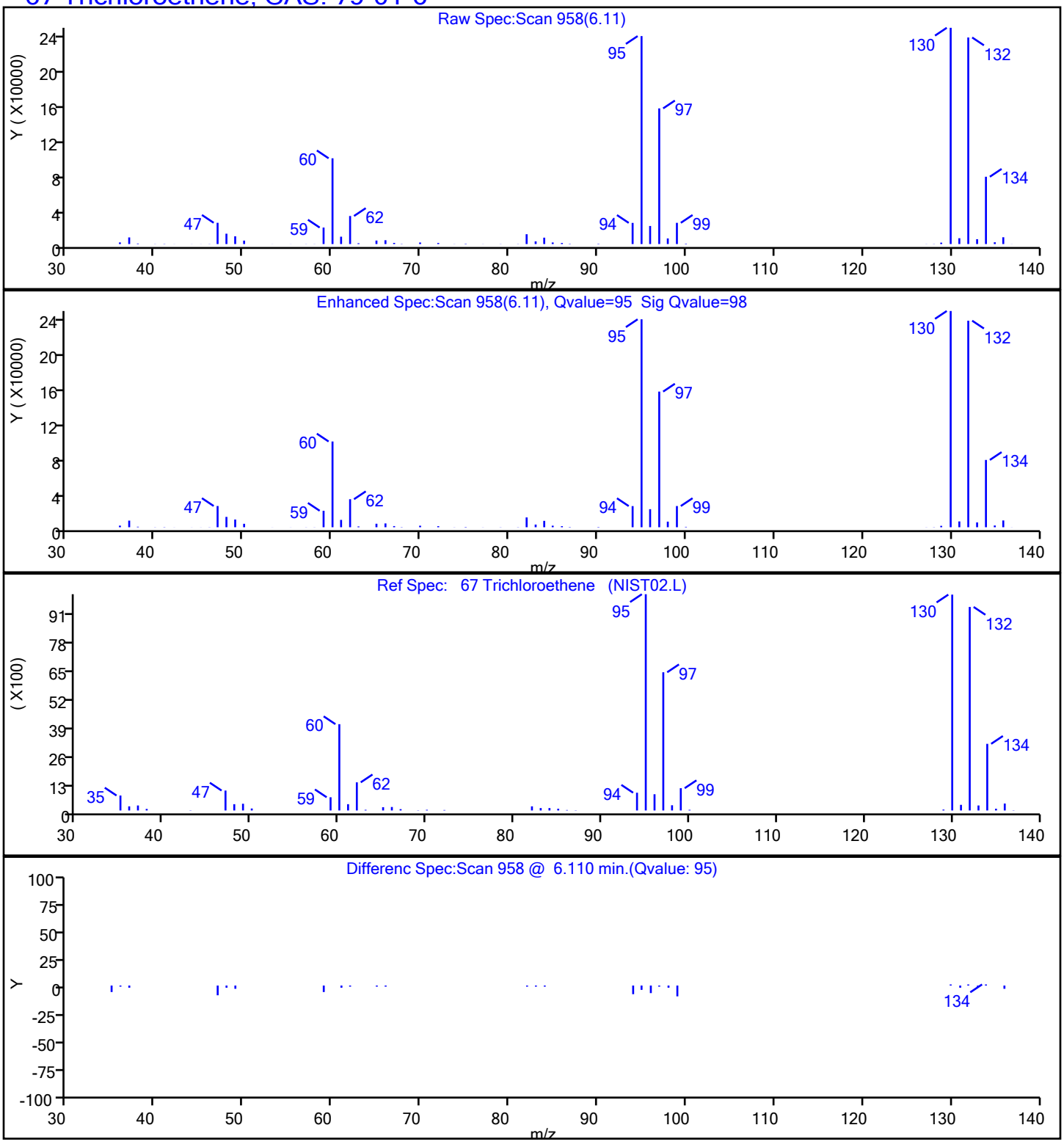
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

67 Trichloroethene, CAS: 79-01-6



2/27/2024
9:41:16 AM

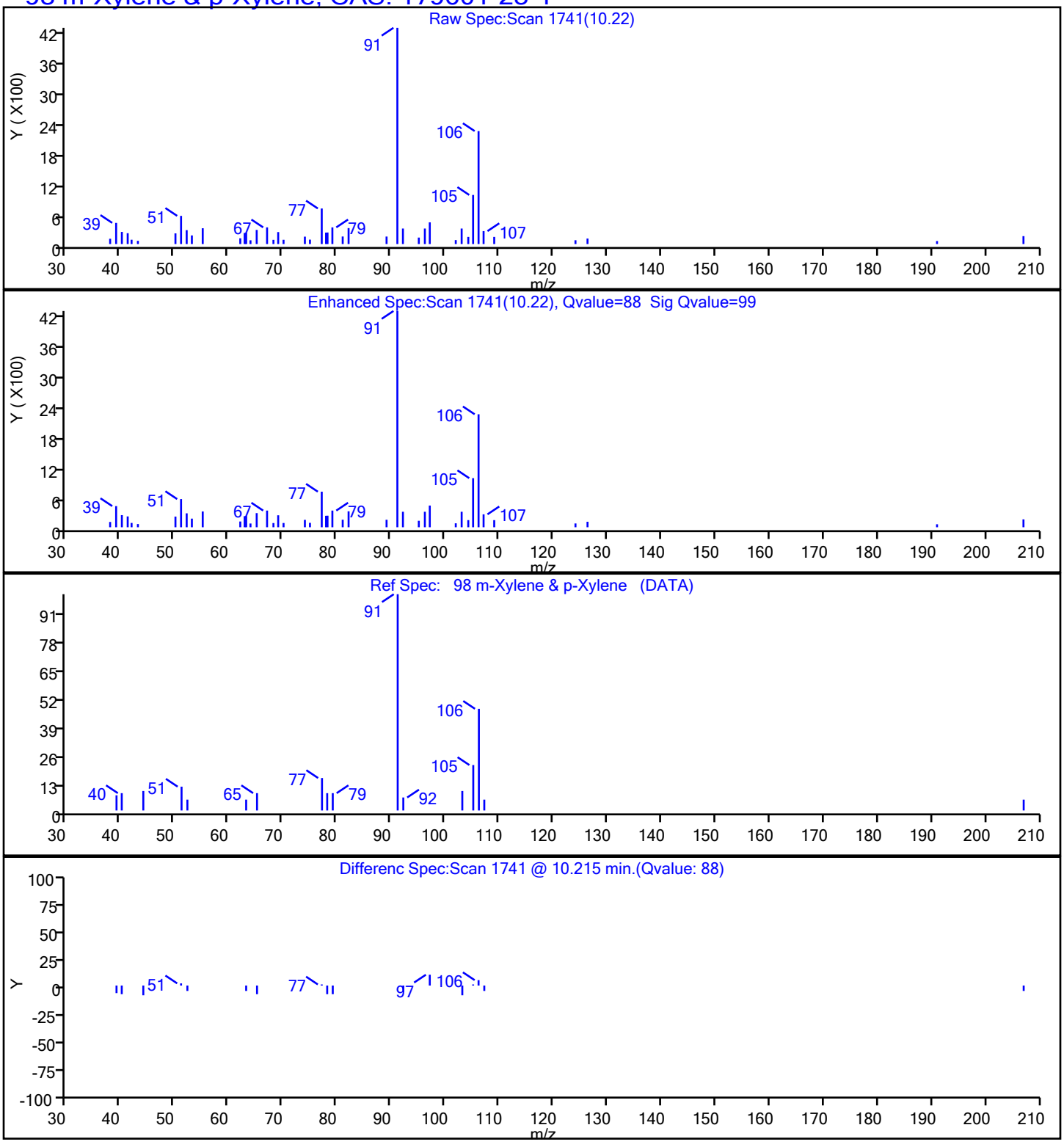
Report Date: 26-Feb-2024 14:32:28 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D

Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



2/27/2024
9:41:16 AM

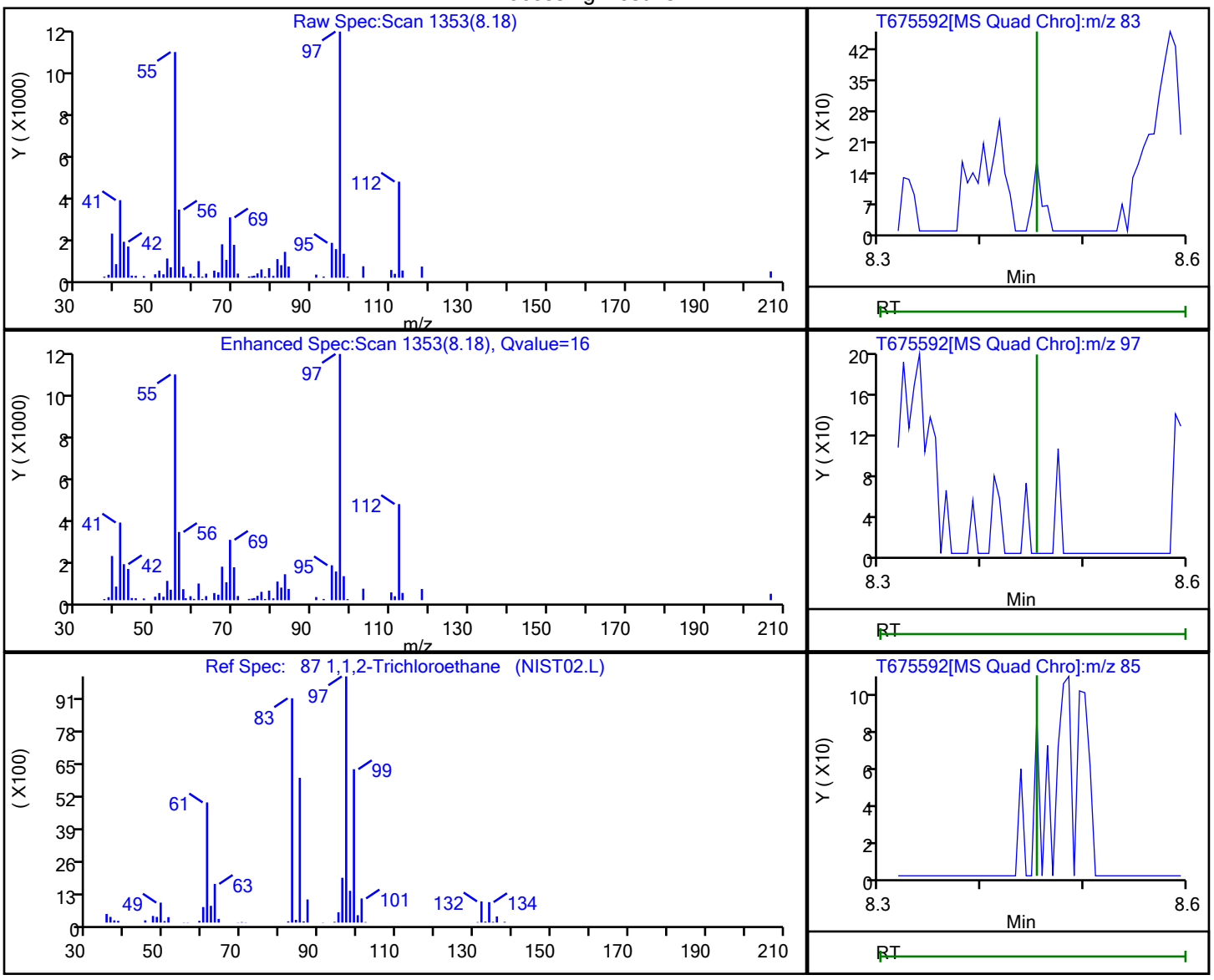
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
8.18	83.00	2338	0.692506
8.19	97.00	34448	
8.19	85.00	78	

Reviewer: FK2C, 26-Feb-2024 11:46:19 -05:00:00 (UTC)

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

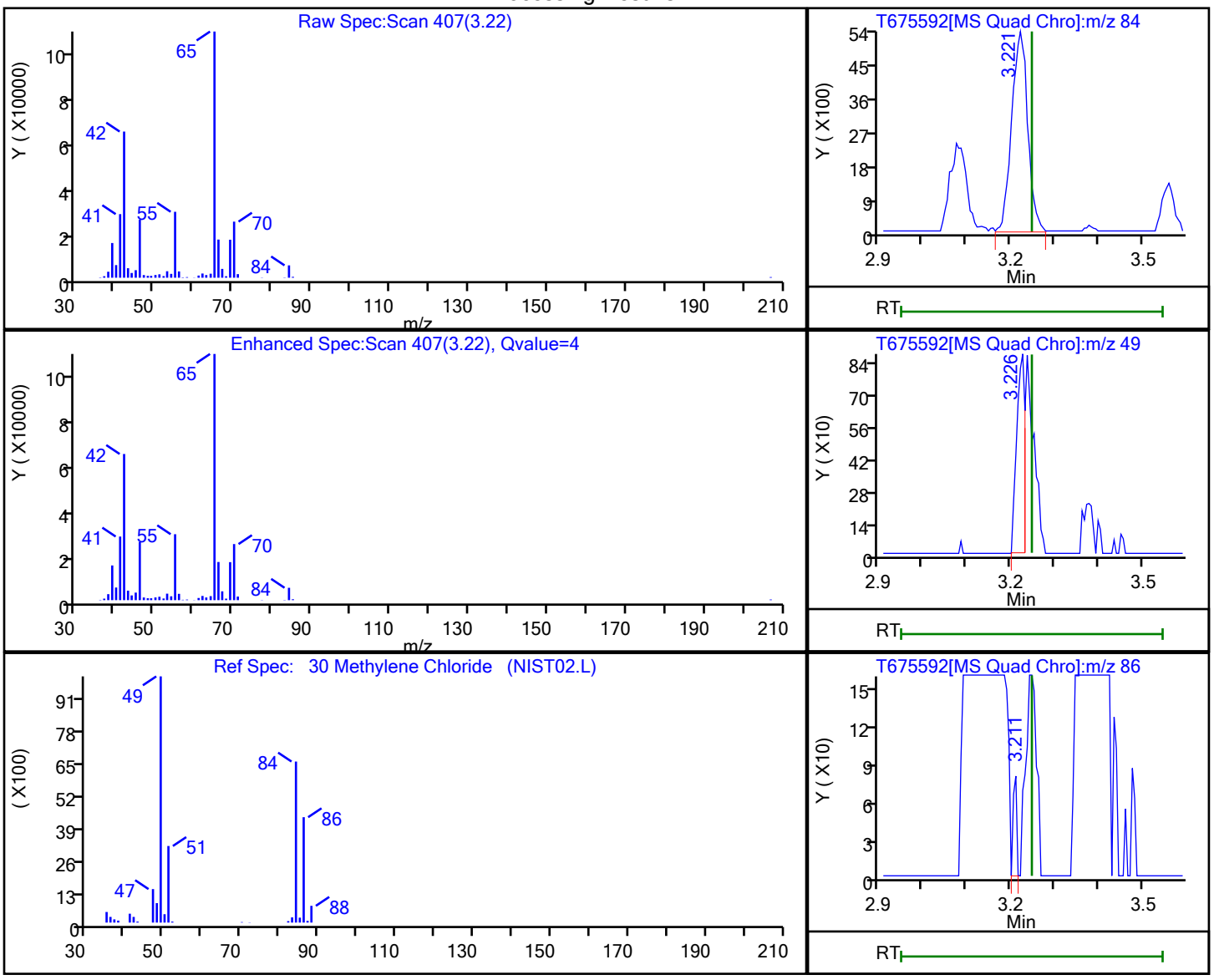
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
3.22	84.00	13608	2.406544
3.23	49.00	1149	
3.21	86.00	43	

Reviewer: FK2C, 26-Feb-2024 11:45:21 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

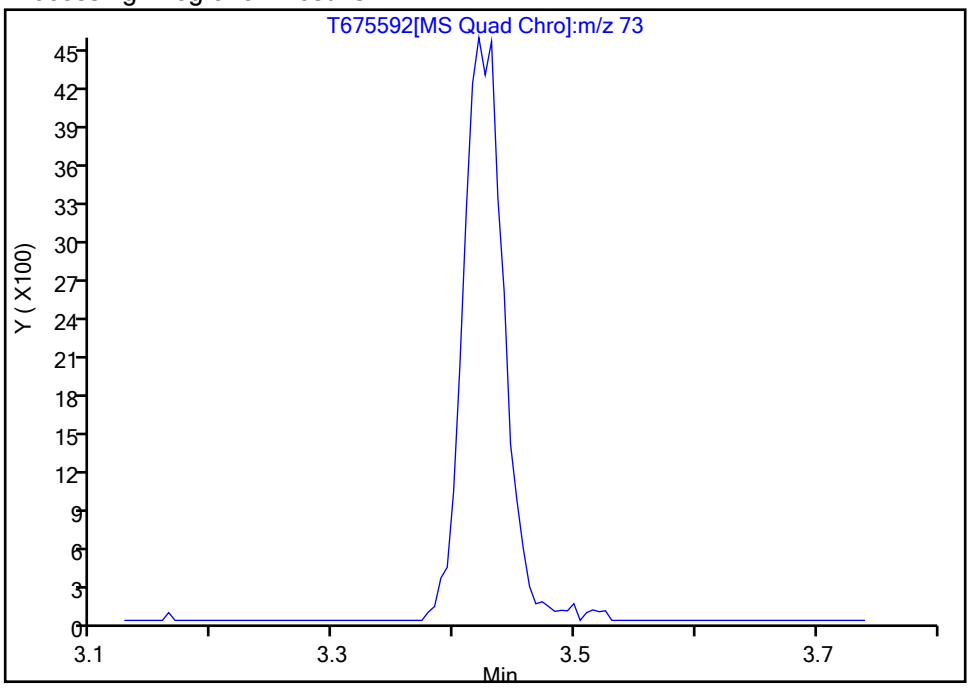
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675592.D				
Injection Date:	26-Feb-2024 11:13:04	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3	Lab Sample ID:	460-298659-3		
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

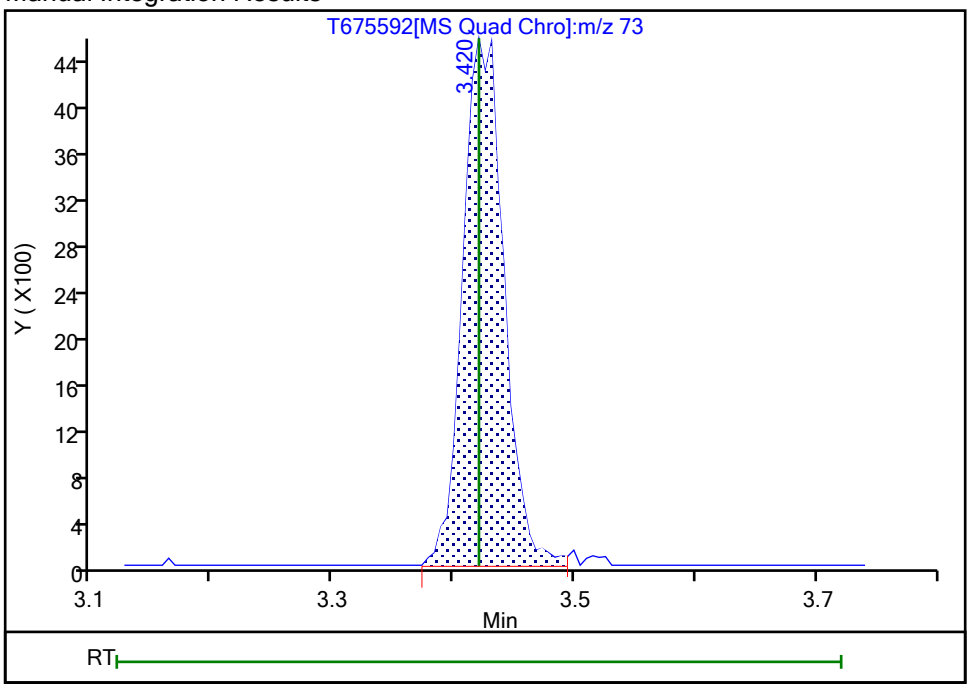
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 10802
Amount: 0.852766
Amount Units: ug/l



Reviewer: W9CM, 26-Feb-2024 14:31:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

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	6.1		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	1.0		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	32		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
100-41-4	Ethylbenzene	2.4		1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-Dup_20240220 | Lab Sample ID: 460-298659-4

Matrix: Water | Lab File ID: T675591.D

Analysis Method: 8260D | Date Collected: 02/20/2024 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 10:50

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	15		1.0	0.34
108-87-2	Methylcyclohexane	15		1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.81	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	0.77	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	92		1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	J	1.0	0.17
1330-20-7	Xylenes, Total	0.75	J	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	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Lims ID: 460-298659-A-4
Client ID: NL-MW-Dup_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:50:30 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-4
Misc. Info.: 460-0172710-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:44:31 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.716	1.716	0.000	21	1220	0.1711	
* 31 TBA-d9 (IS)	66	3.226	3.232	-0.006	91	48289	1000.0	
35 Methyl tert-butyl ether	73	3.426	3.420	0.006	71	10127	0.8058	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	77	4011	0.7661	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	354502	250.0	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	91	14472	2.44	
52 Chloroform	83	4.799	4.799	0.000	86	9006	1.03	
55 Cyclohexane	84	4.941	4.936	0.005	91	201754	32.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	95	180606	43.3	
60 Benzene	78	5.360	5.360	0.000	94	93987	6.07	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	87	191328	51.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	680703	50.0	
67 Trichloroethene	95	6.110	6.110	0.000	95	510058	91.8	
70 Methylcyclohexane	83	6.252	6.252	0.000	94	94175	15.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	35765	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	654428	56.8	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	84	503238	50.0	
97 Ethylbenzene	106	10.011	10.016	-0.005	97	13969	2.37	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	88	5345	0.7489	
104 Isopropylbenzene	105	11.421	11.421	0.000	96	257984	15.5	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	209534	46.9	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	263837	50.0	
S 137 Xylenes, Total	100				0		0.7489	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4

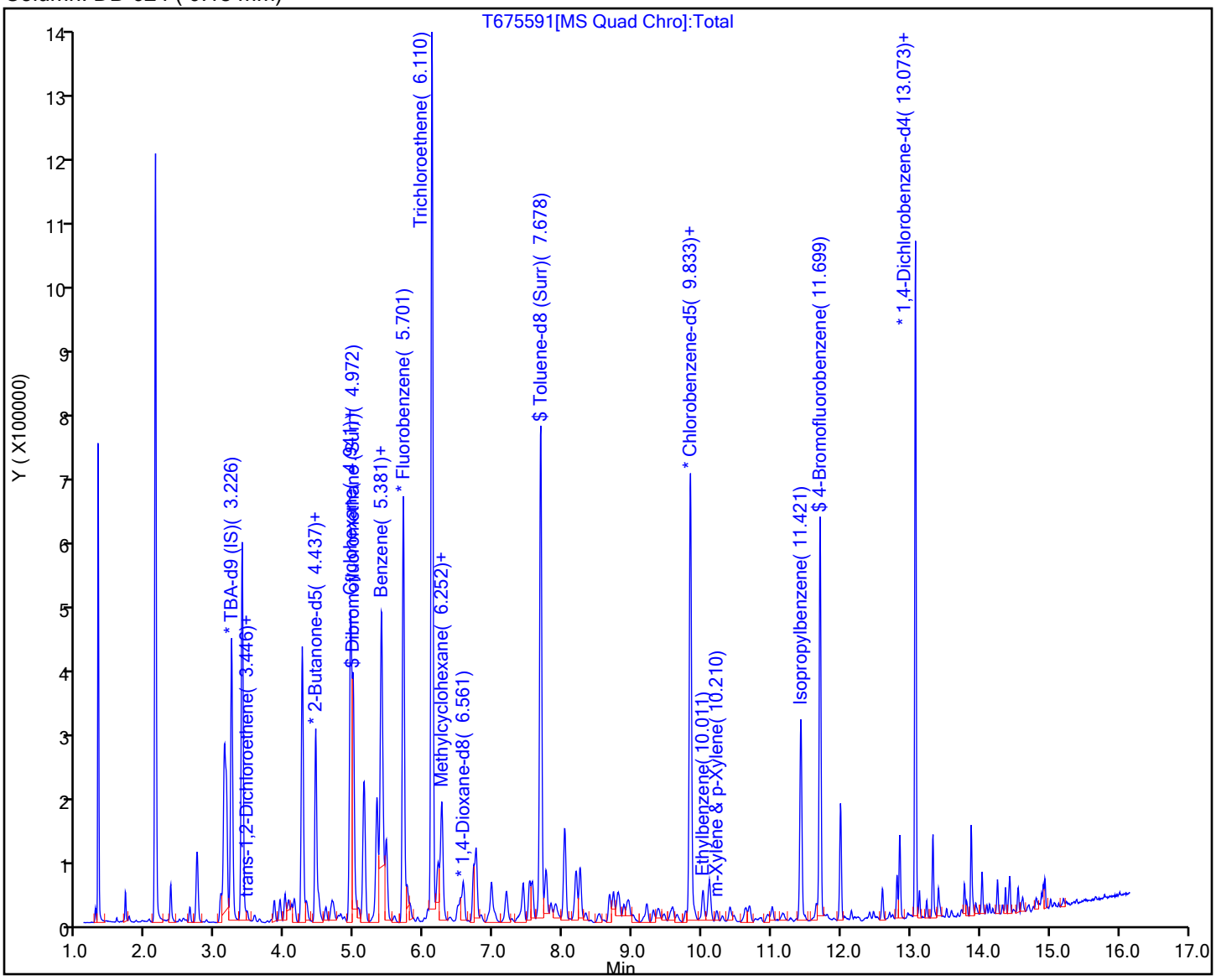
Client ID: NL-MW-Dup_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Lims ID: 460-298659-A-4
Client ID: NL-MW-Dup_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 10:50:30 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-4
Misc. Info.: 460-0172710-013
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:44:31 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

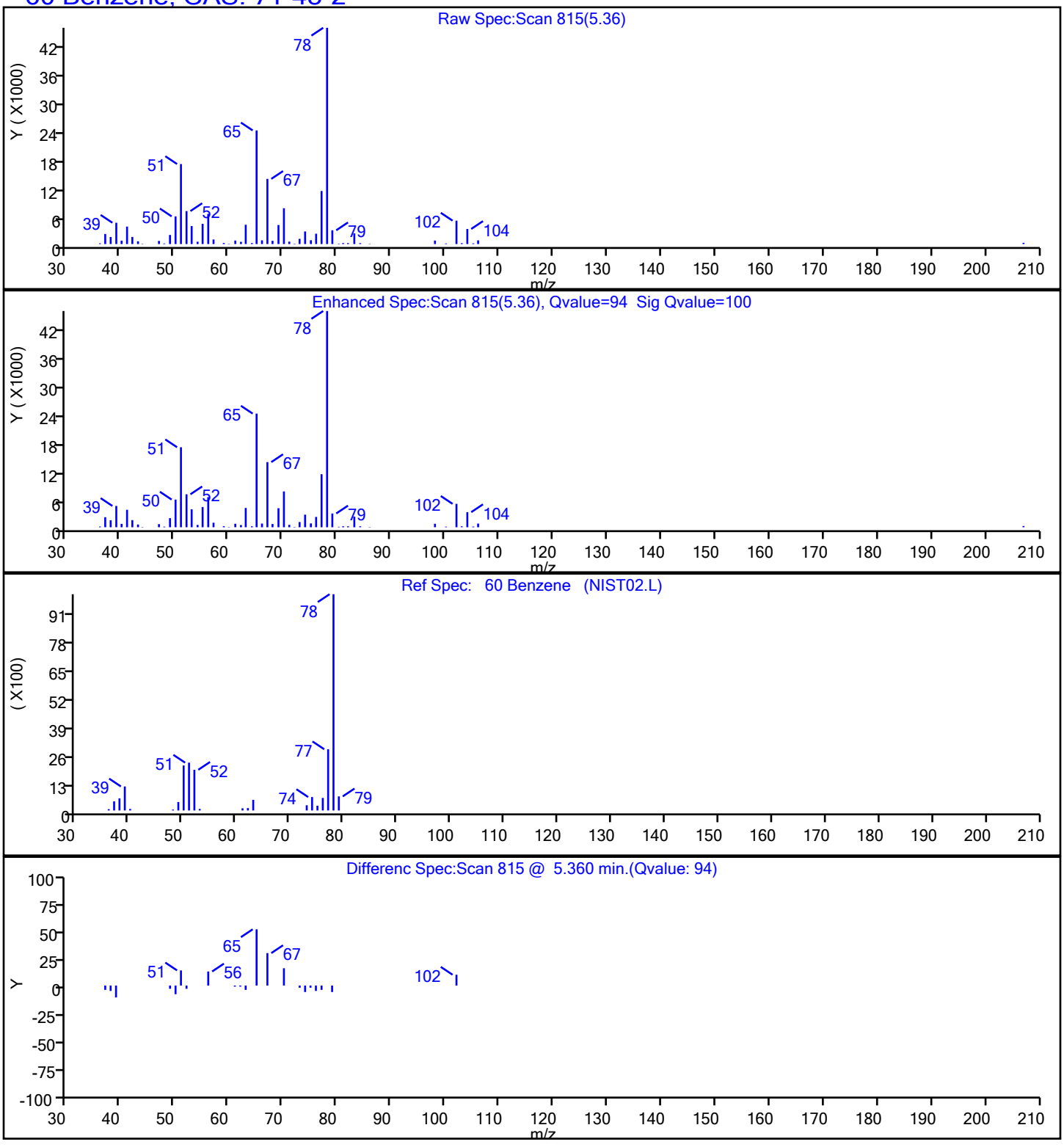
First Level Reviewer: FK2C Date: 26-Feb-2024 11:45:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.3	86.69
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.4	102.89
$ 83 Toluene-d8 (Surr)	50.0	56.8	113.62
$ 105 4-Bromofluorobenzene	50.0	46.9	93.71

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

60 Benzene, CAS: 71-43-2



Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4

Client ID: NL-MW-Dup_20240220

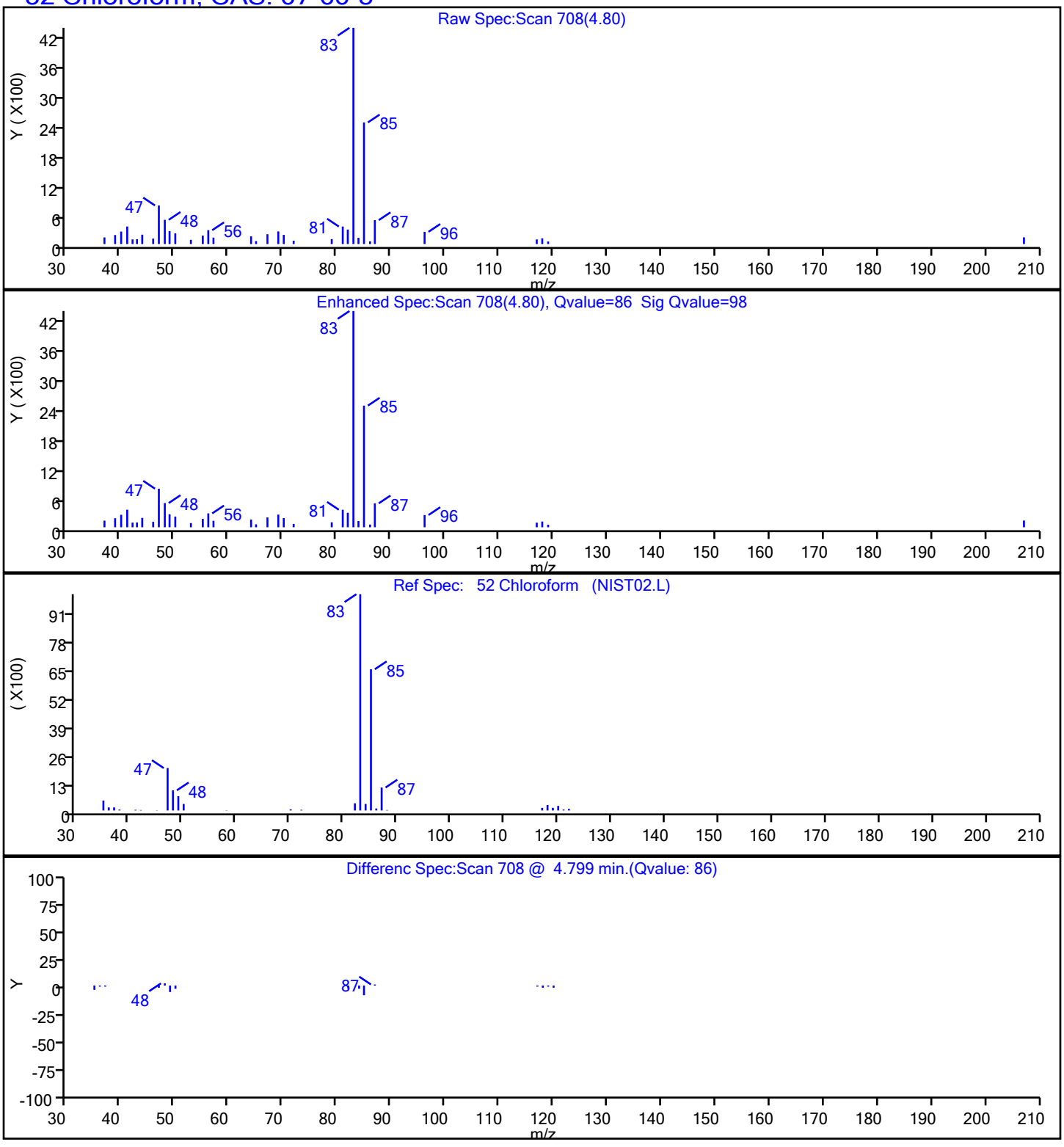
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS Quad

52 Chloroform, CAS: 67-66-3



2/27/2024
9:41:16 AM

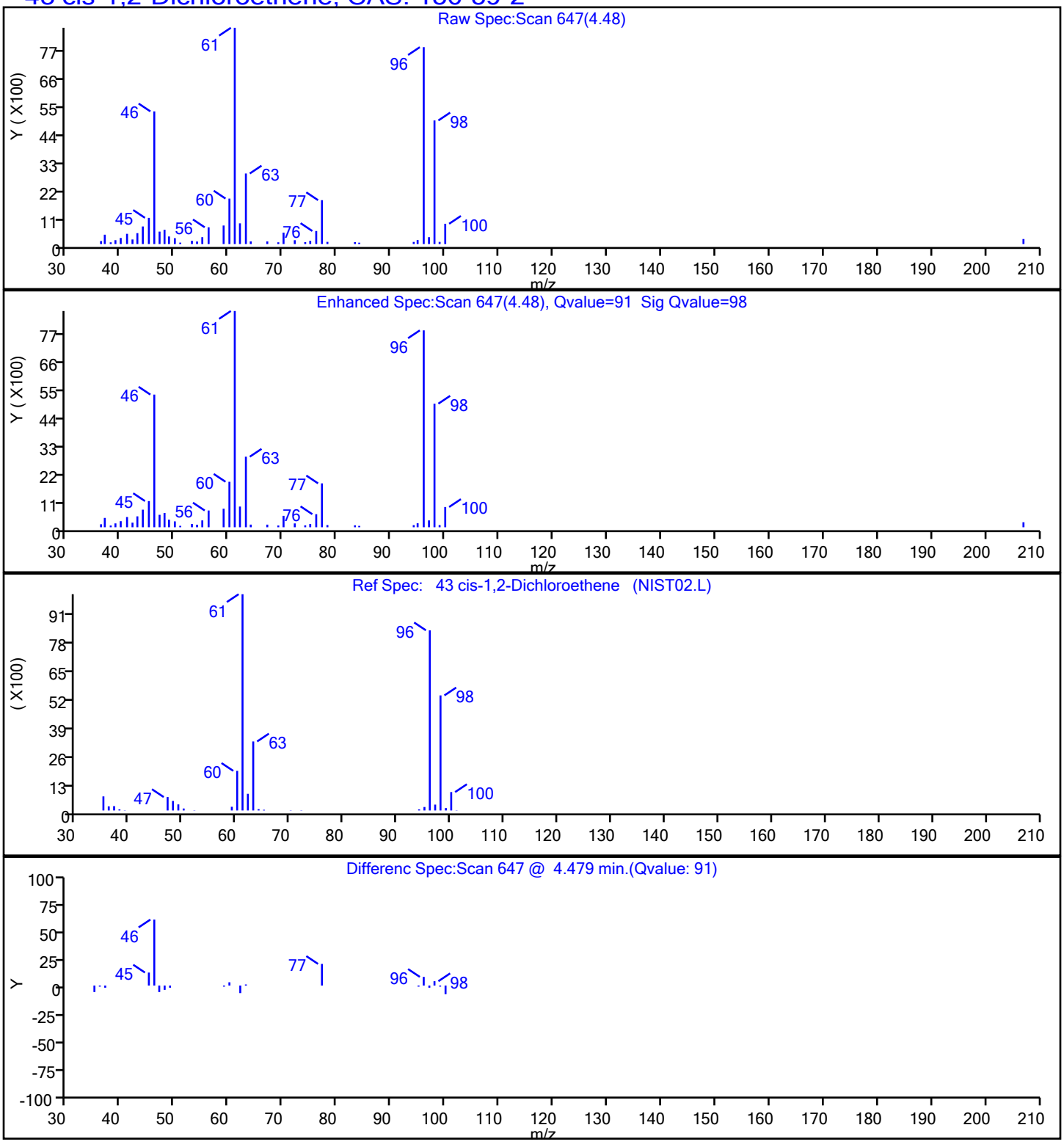
Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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



2/27/2024
9:41:16 AM

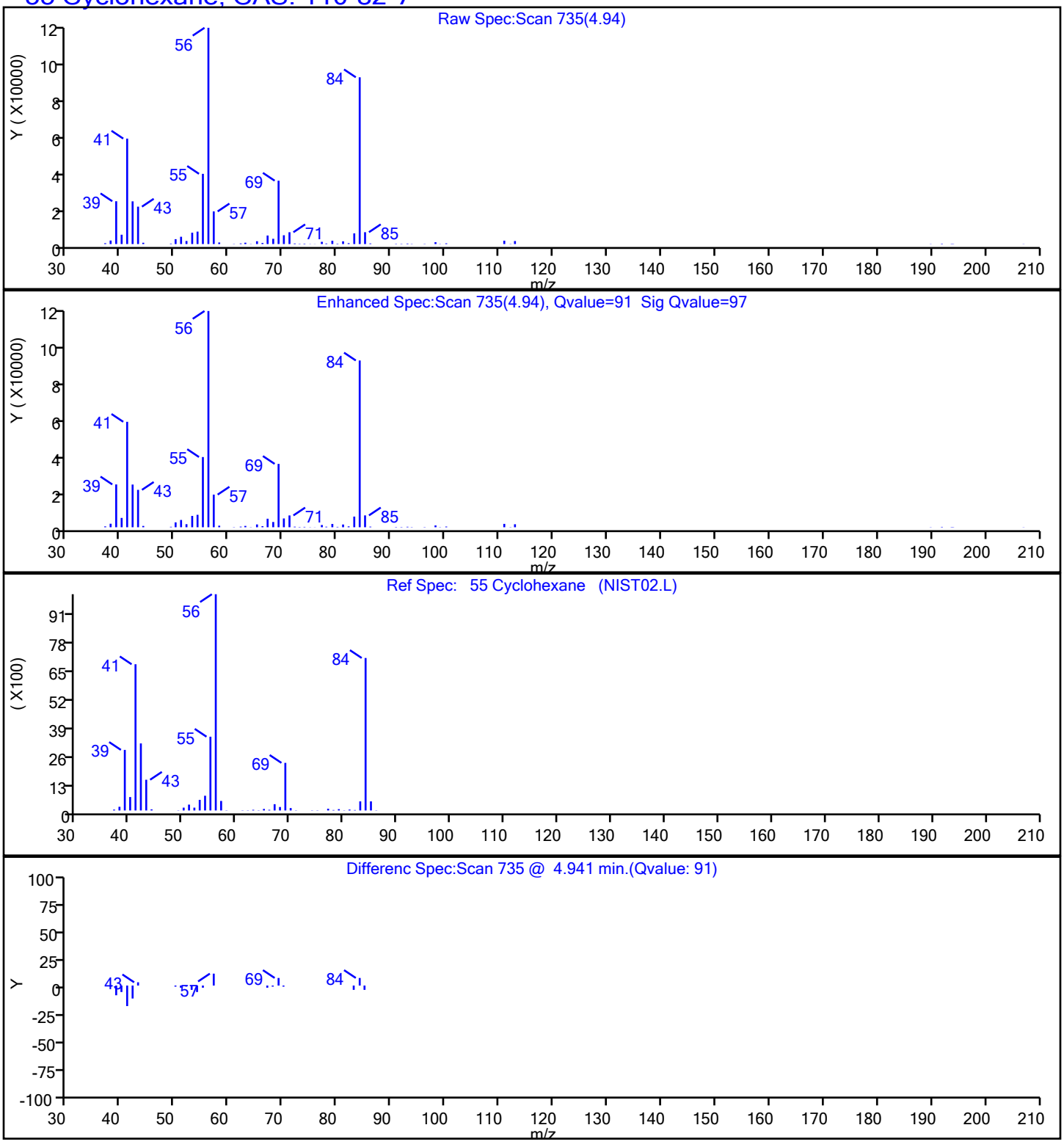
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

55 Cyclohexane, CAS: 110-82-7



2/27/2024
9:41:16 AM

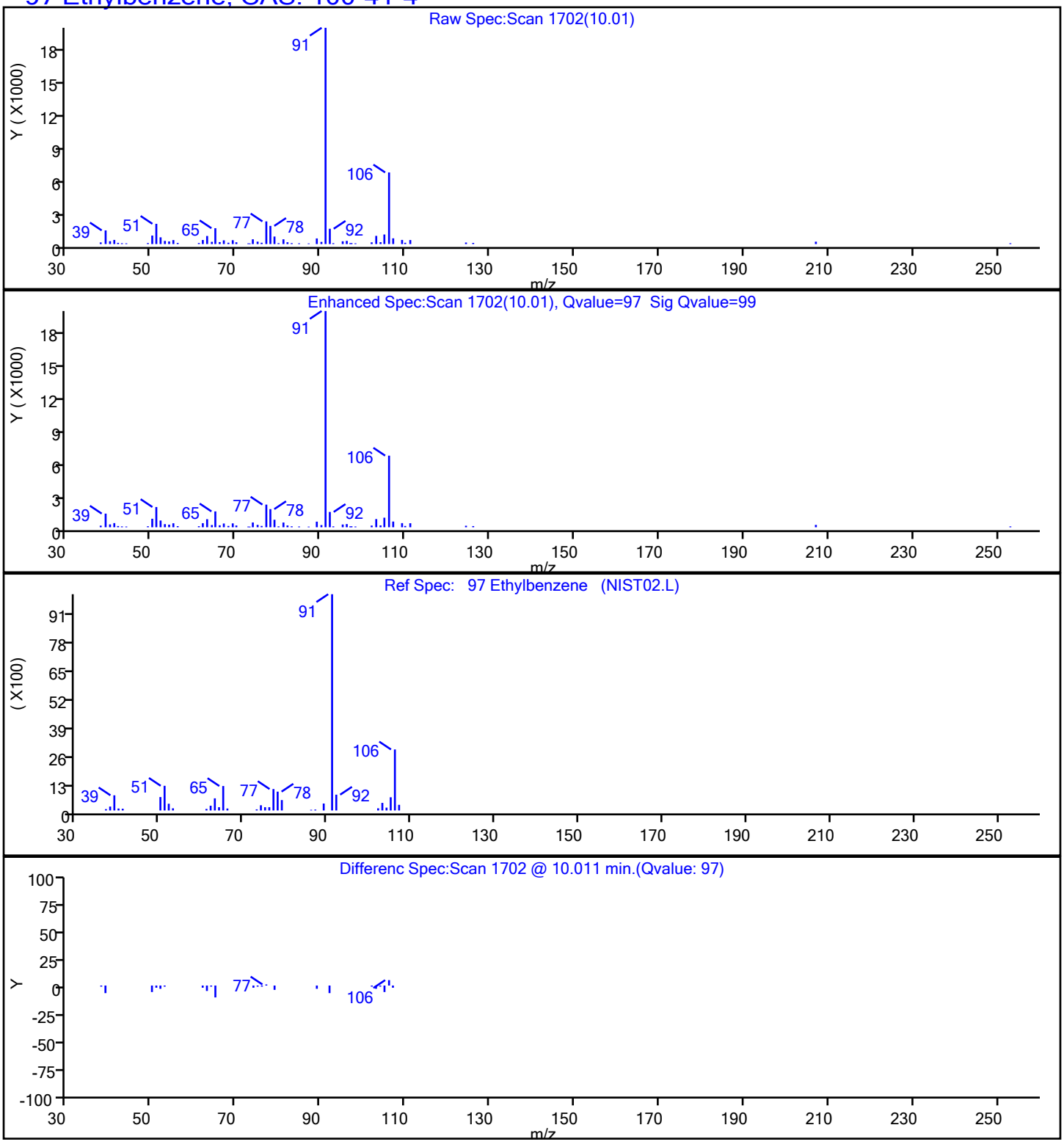
Report Date: 26-Feb-2024 14:44:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4
Client ID:	NL-MW-Dup_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

97 Ethylbenzene, CAS: 100-41-4



2/27/2024
9:41:16 AM

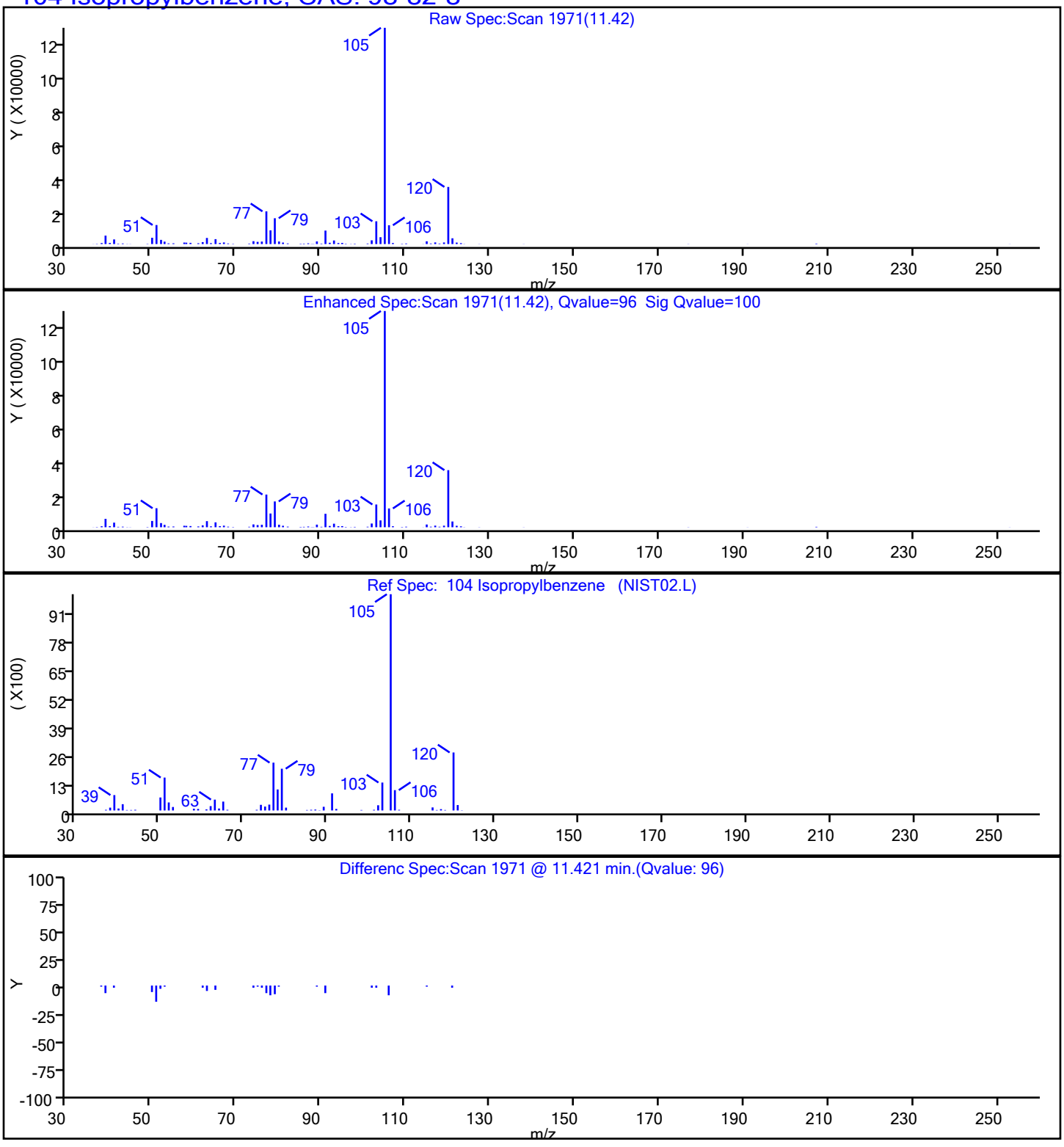
Report Date: 26-Feb-2024 14:44:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

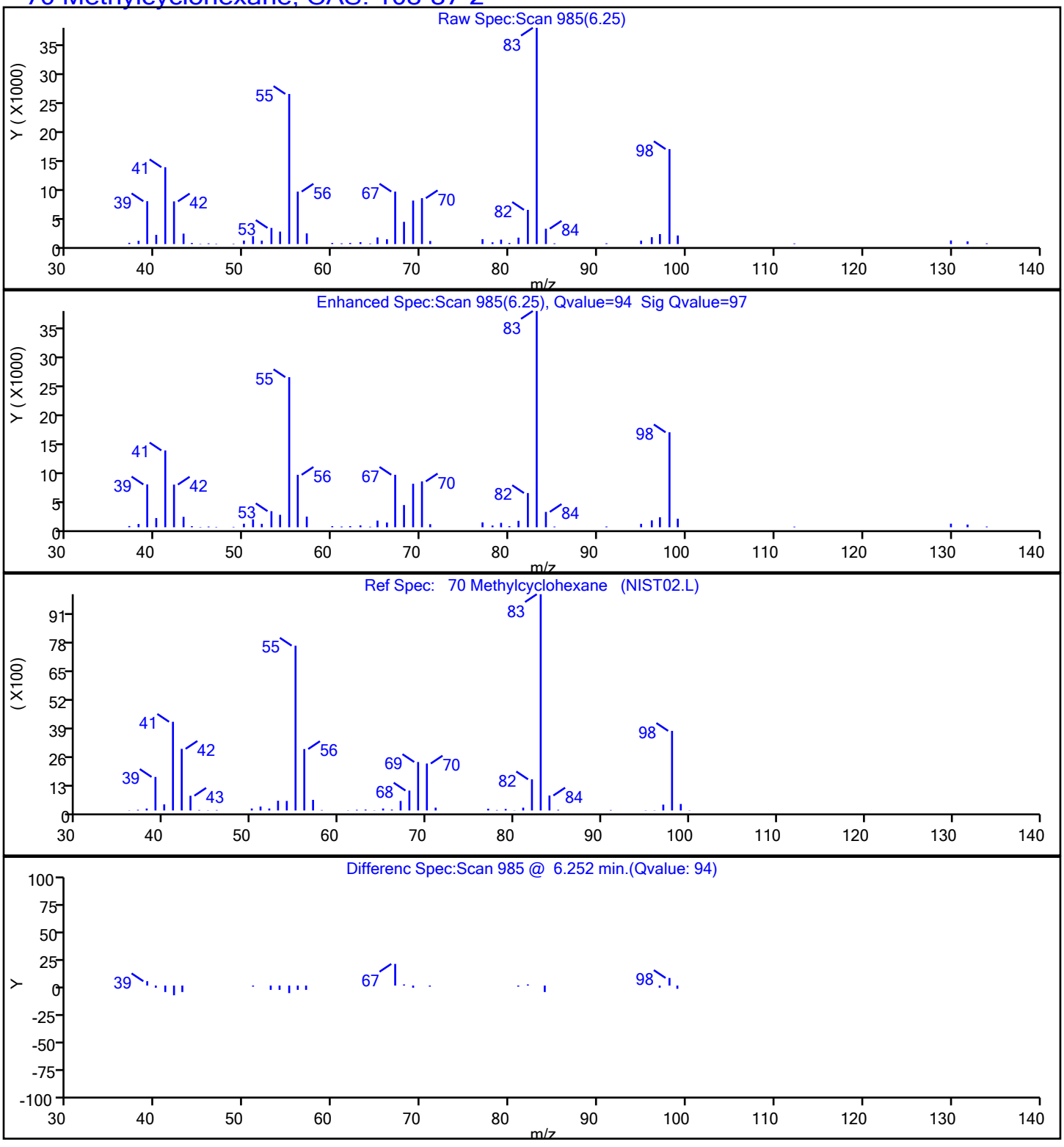
104 Isopropylbenzene, CAS: 98-82-8



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

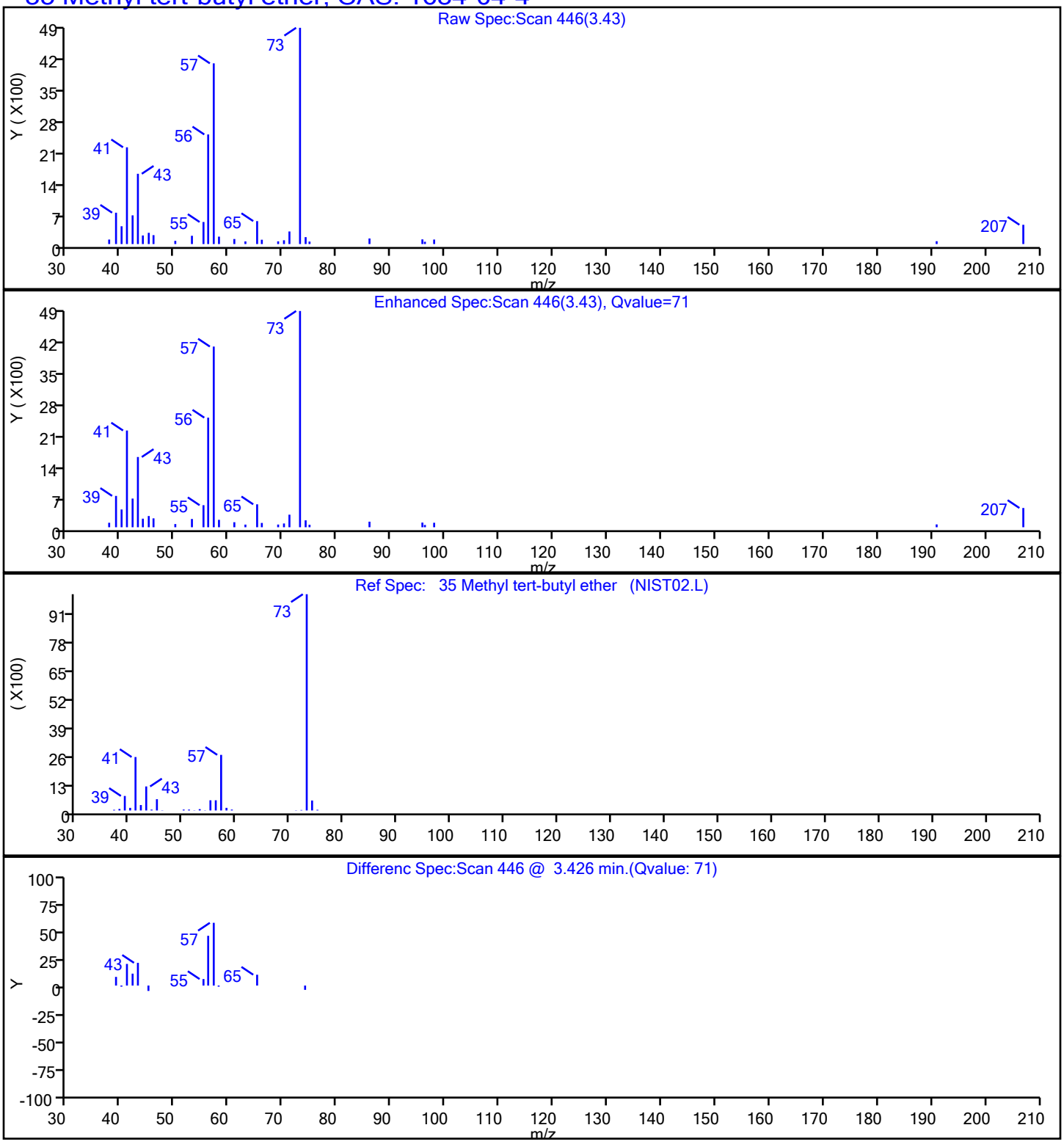
70 Methylcyclohexane, CAS: 108-87-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

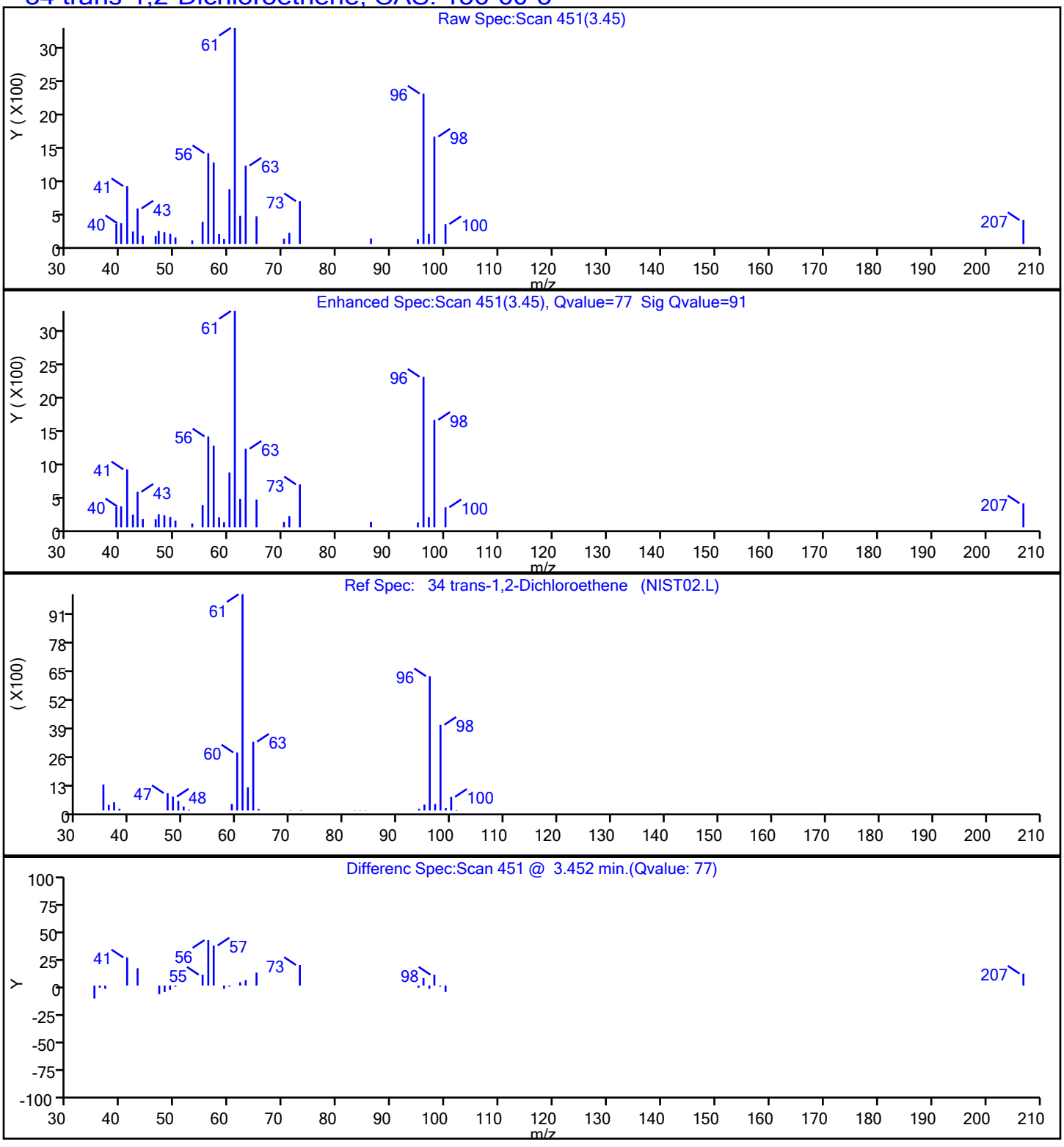
35 Methyl tert-butyl ether, CAS: 1634-04-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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



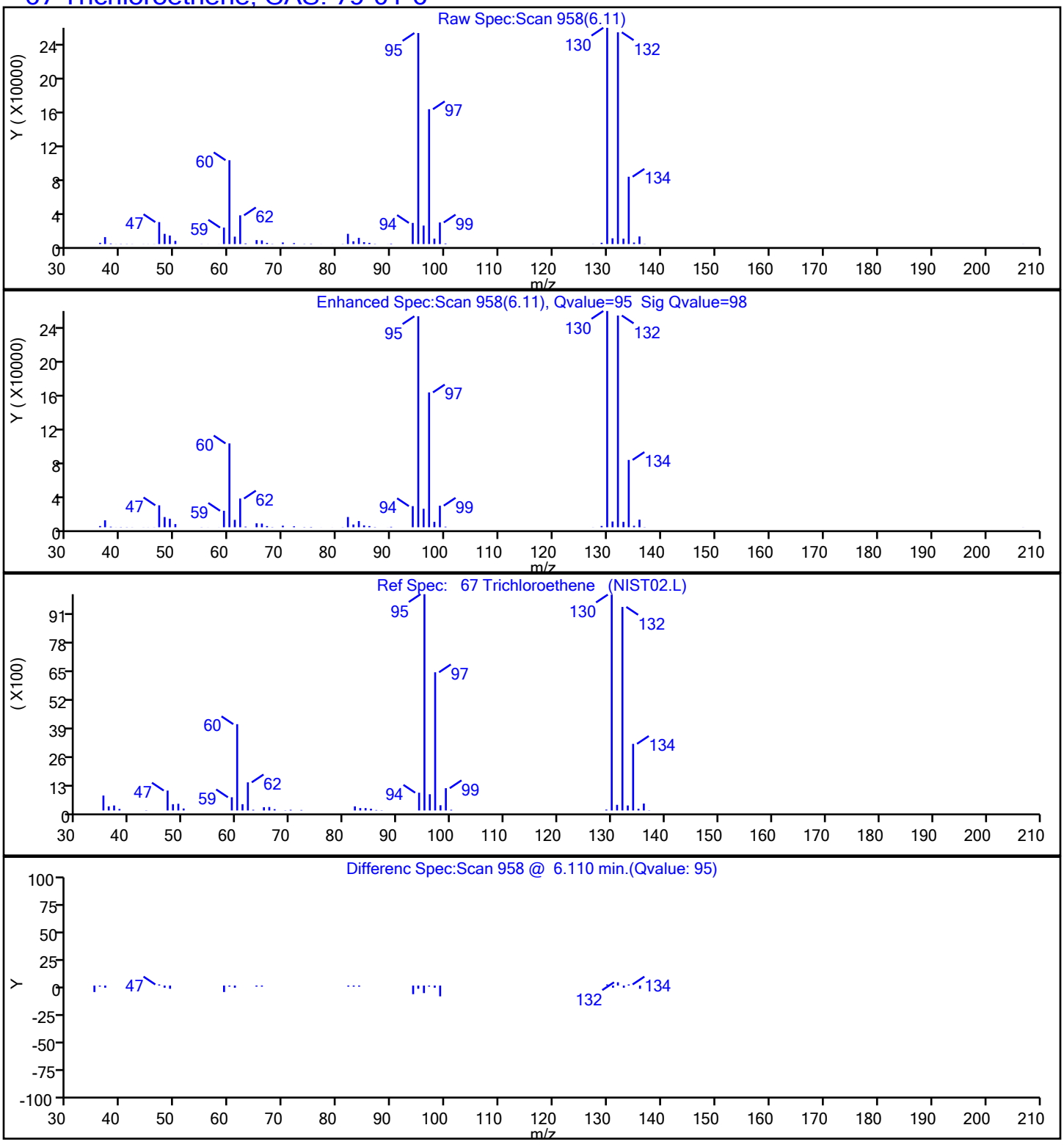
Report Date: 26-Feb-2024 14:44:32 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4
Client ID:	NL-MW-Dup_20240220		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

67 Trichloroethene, CAS: 79-01-6

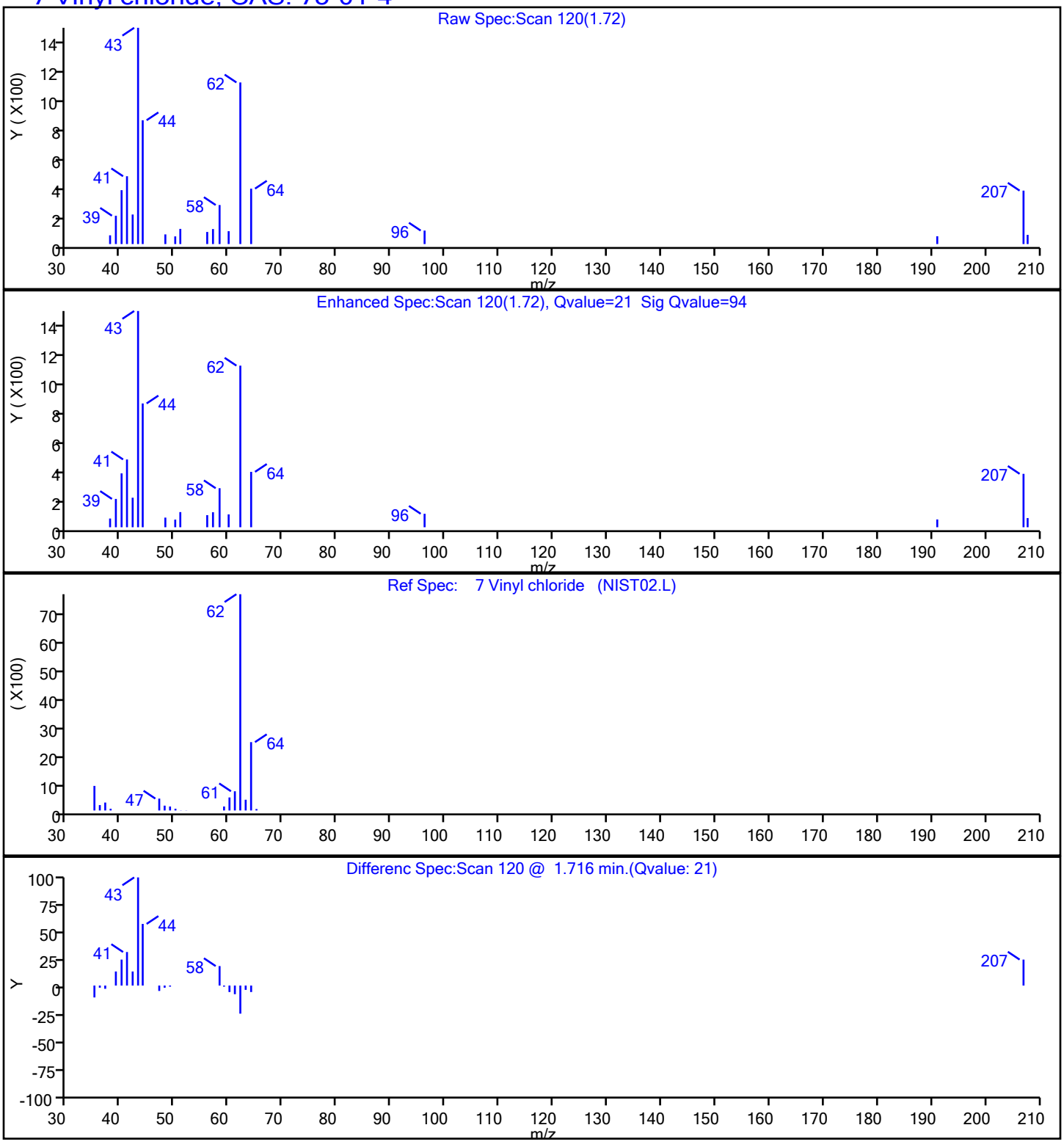


2/27/2024
9:41:16 AM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D
Injection Date: 26-Feb-2024 10:50:30 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-4 Lab Sample ID: 460-298659-4
Client ID: NL-MW-Dup_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



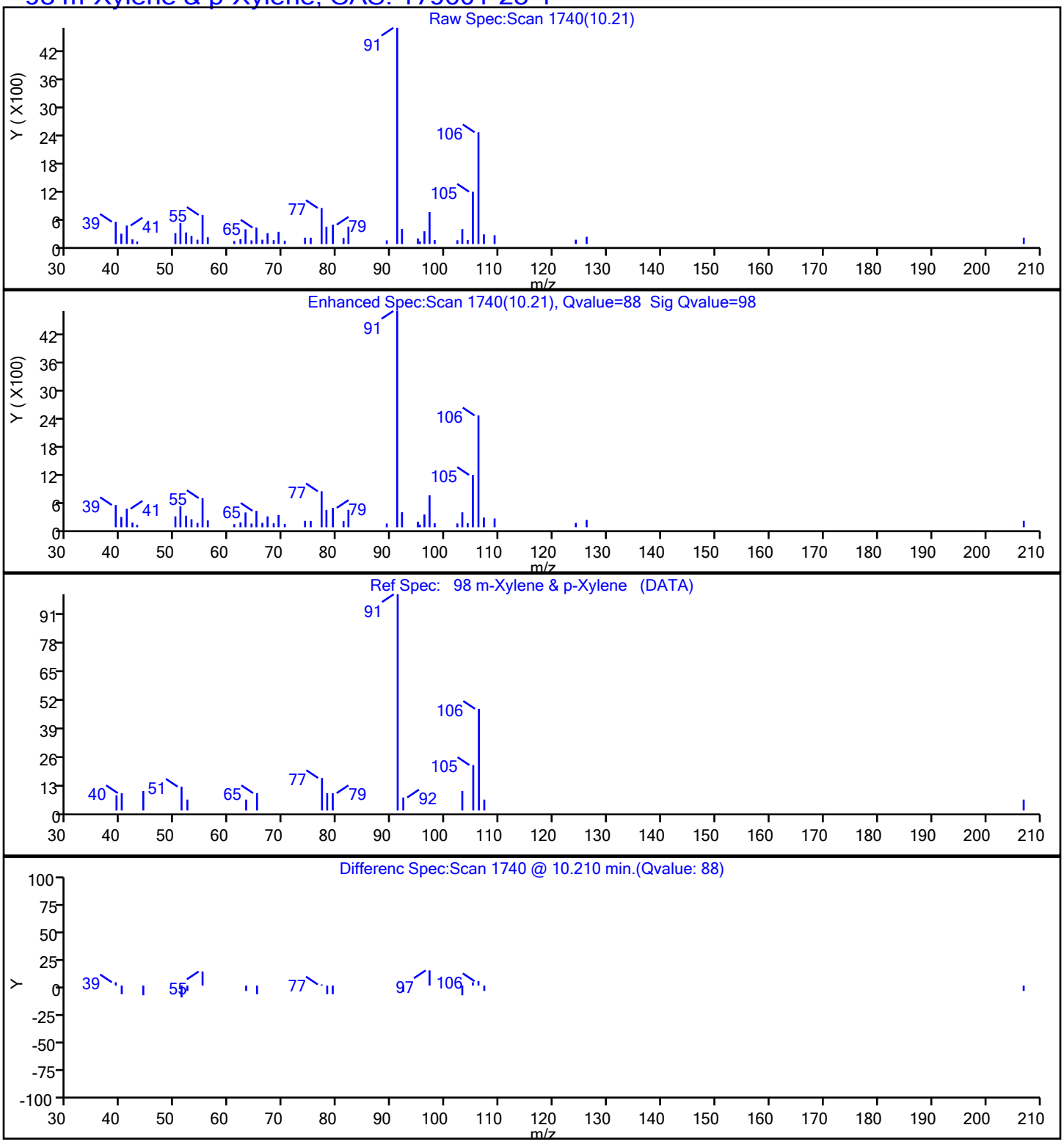
Report Date: 26-Feb-2024 14:44:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D

Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



2/27/2024
9:41:16 AM

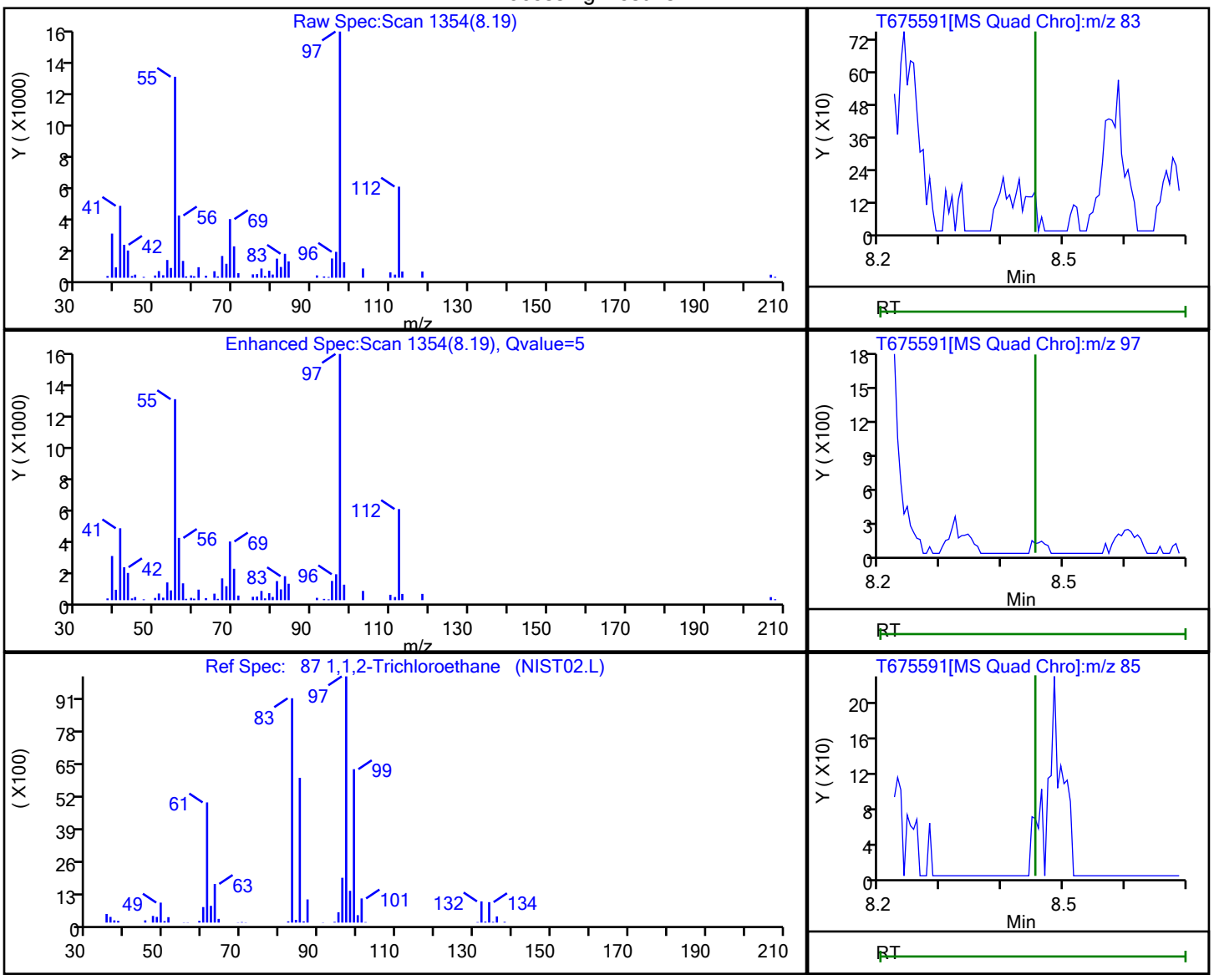
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D				
Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
8.19	83.00	3579	1.077319
8.19	97.00	41358	
8.19	85.00	75	

Reviewer: FK2C, 26-Feb-2024 11:44:58 -05:00:00 (UTC)

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

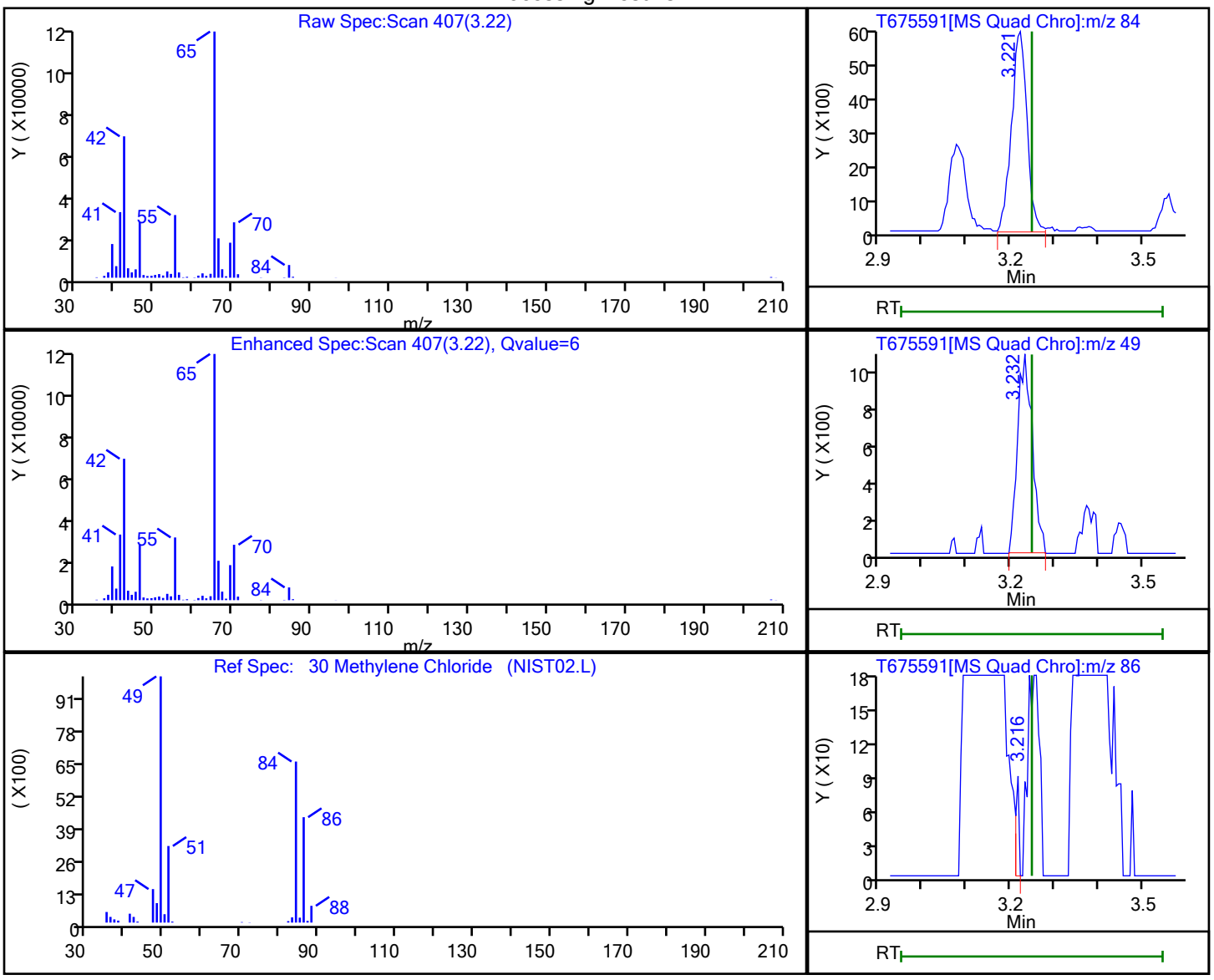
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D				
Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	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
3.22	84.00	14750	2.629044
3.23	49.00	2418	
3.22	86.00	45	

Reviewer: FK2C, 26-Feb-2024 11:44:48 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Edison

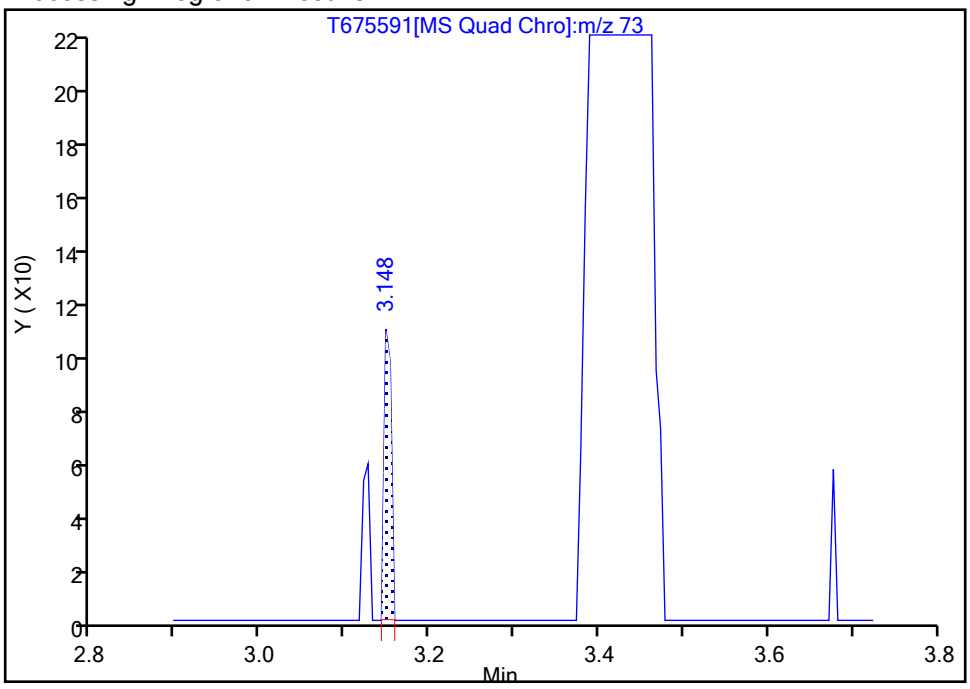
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675591.D				
Injection Date:	26-Feb-2024 10:50:30	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-4	Lab Sample ID:	460-298659-4		
Client ID:	NL-MW-Dup_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

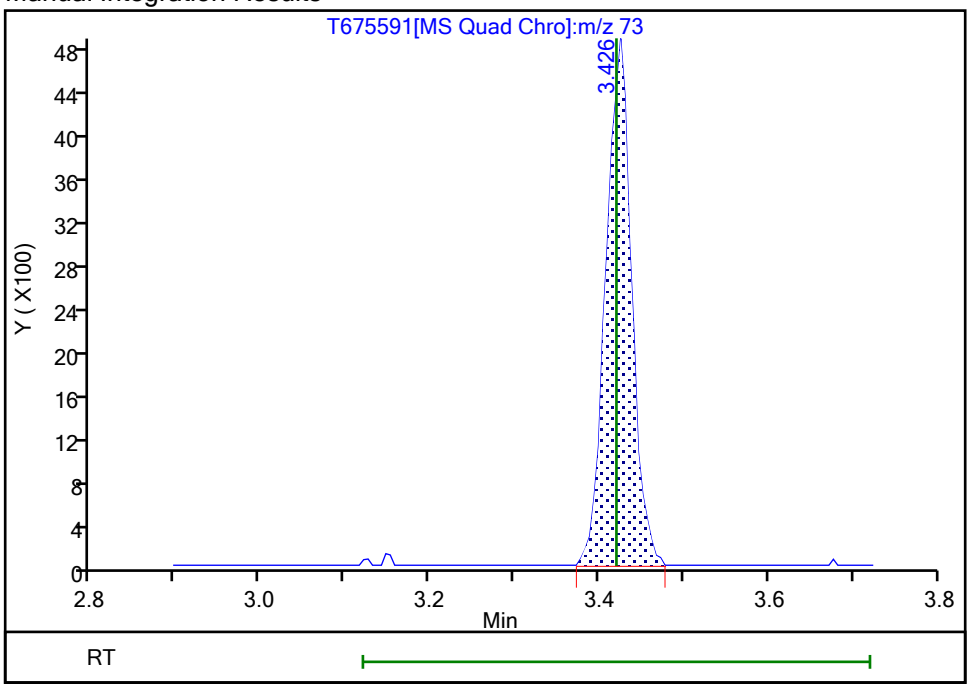
Processing Integration Results

RT: 3.15
Area: 63
Amount: 0.005013
Amount Units: ug/l



Manual Integration Results

RT: 3.43
Area: 10127
Amount: 0.805773
Amount Units: ug/l



Reviewer: W9CM, 26-Feb-2024 14:44:28 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-TB-01_20240220 | Lab Sample ID: 460-298659-5

Matrix: Water | Lab File ID: T675587.D

Analysis Method: 8260D | Date Collected: 02/20/2024 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:19

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D
Lims ID: 460-298659-A-5
Client ID: NL-MW-TB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:19:46 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-5
Misc. Info.: 460-0172710-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:54:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	95	58424	1000.0	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	47	414549	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	191446	45.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	201257	53.2	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	692121	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	46914	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	676665	56.8	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	520580	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	215116	46.5	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	270556	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 09:54:36 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D

Injection Date: 26-Feb-2024 09:19:46 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-5 Lab Sample ID: 460-298659-5

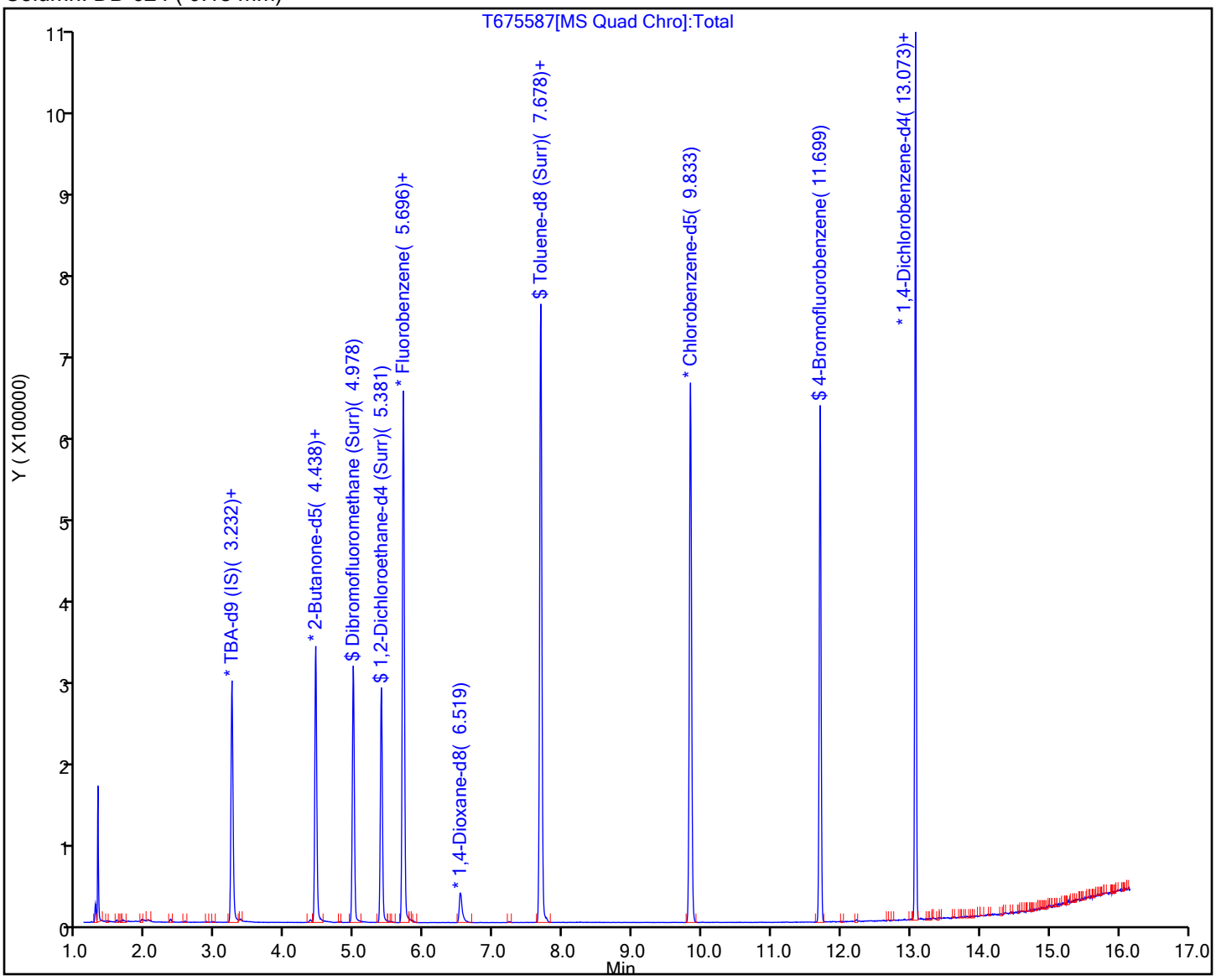
Client ID: NL-MW-TB-01_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675587.D
Lims ID: 460-298659-A-5
Client ID: NL-MW-TB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:19:46 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-5
Misc. Info.: 460-0172710-009
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:54:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.2	90.37
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.44
$ 83 Toluene-d8 (Surr)	50.0	56.8	113.57
$ 105 4-Bromofluorobenzene	50.0	46.5	93.00

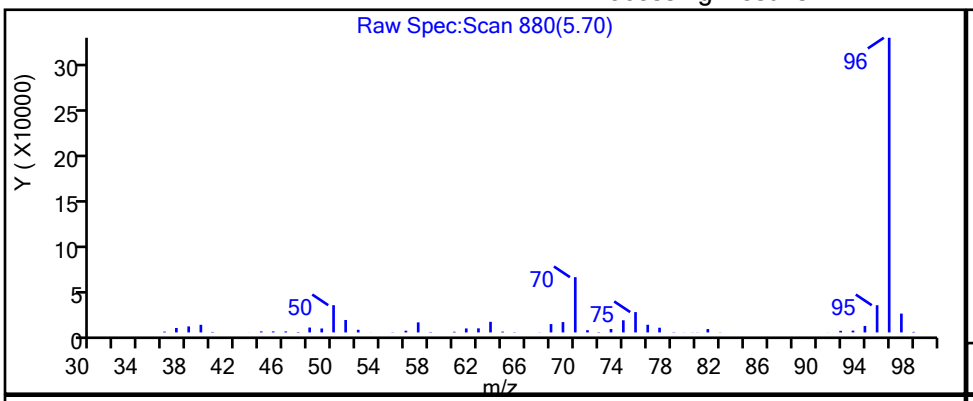
User Disabled Compound Report

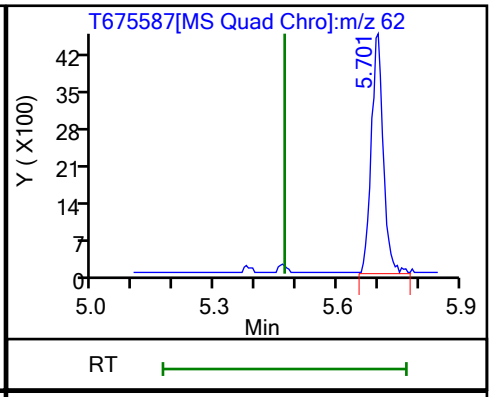
Eurofins Edison

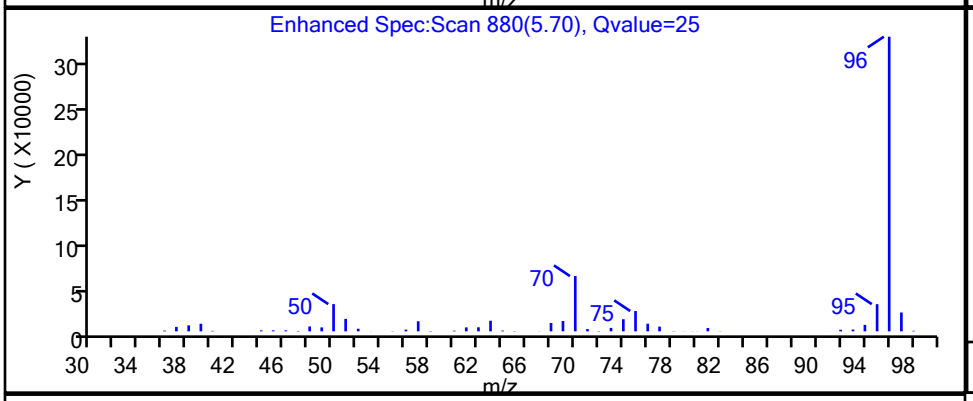
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Injection Date:	26-Feb-2024 09:19:46	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-5	Lab Sample ID:	460-298659-5		
Client ID:	NL-MW-TB-01_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

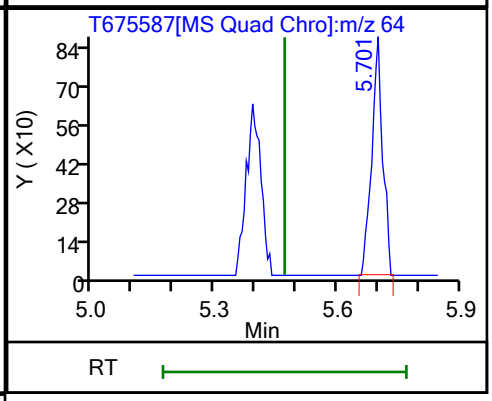
61 1,2-Dichloroethane, CAS: 107-06-2

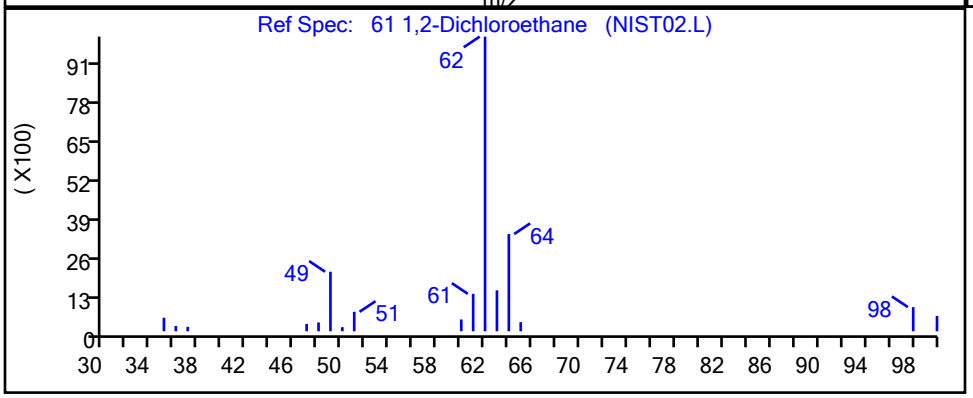
Processing Results











RT	Mass	Response	Amount
5.70	62.00	9105	1.557372
5.70	64.00	1635	

Reviewer: FK2C, 26-Feb-2024 09:54:02 -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.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

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	0.75	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	0.22	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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-FB-01_20240220 | Lab Sample ID: 460-298659-6

Matrix: Water | Lab File ID: T675588.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 09:42

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	106		70-128
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D
Lims ID: 460-298659-A-6
Client ID: NL-MW-FB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:42:37 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-6
Misc. Info.: 460-0172710-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 10:18:05 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 10:18:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.632	1.633	-0.001	88	4409	0.7528	
* 31 TBA-d9 (IS)	66	3.231	3.232	-0.001	95	60580	1000.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	426484	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	95	193255	45.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	200603	52.8	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	695260	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	45167	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	676652	56.6	
* 94 Chlorobenzene-d5	117	9.833	9.833	-0.001	83	521804	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.699	0.005	96	219547	47.3	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	275036	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 10:18:10 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D

Injection Date: 26-Feb-2024 09:42:37 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-6 Lab Sample ID: 460-298659-6

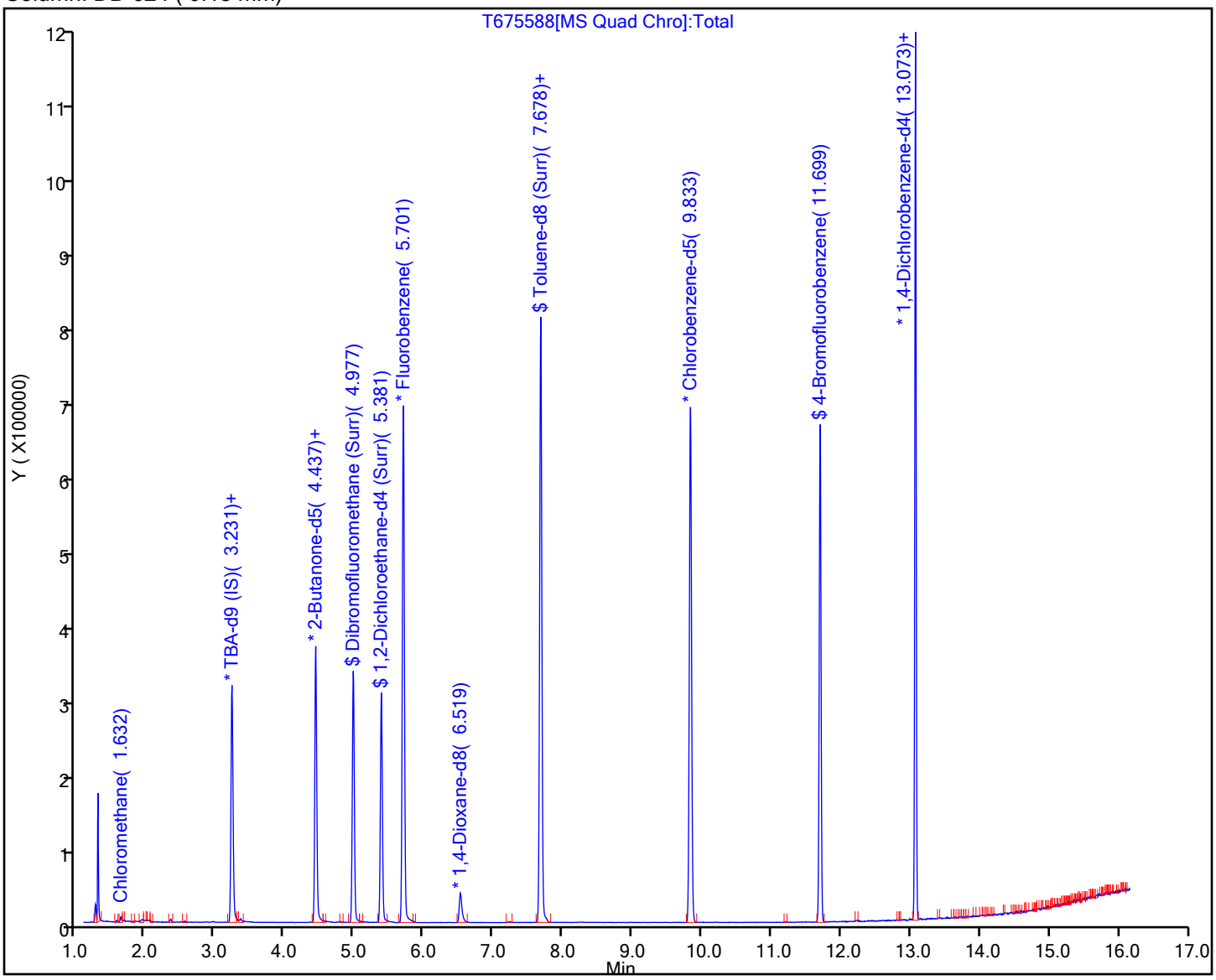
Client ID: NL-MW-FB-01_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D
Lims ID: 460-298659-A-6
Client ID: NL-MW-FB-01_20240220
Sample Type: Client
Inject. Date: 26-Feb-2024 09:42:37 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-6
Misc. Info.: 460-0172710-010
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 10:18:05 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

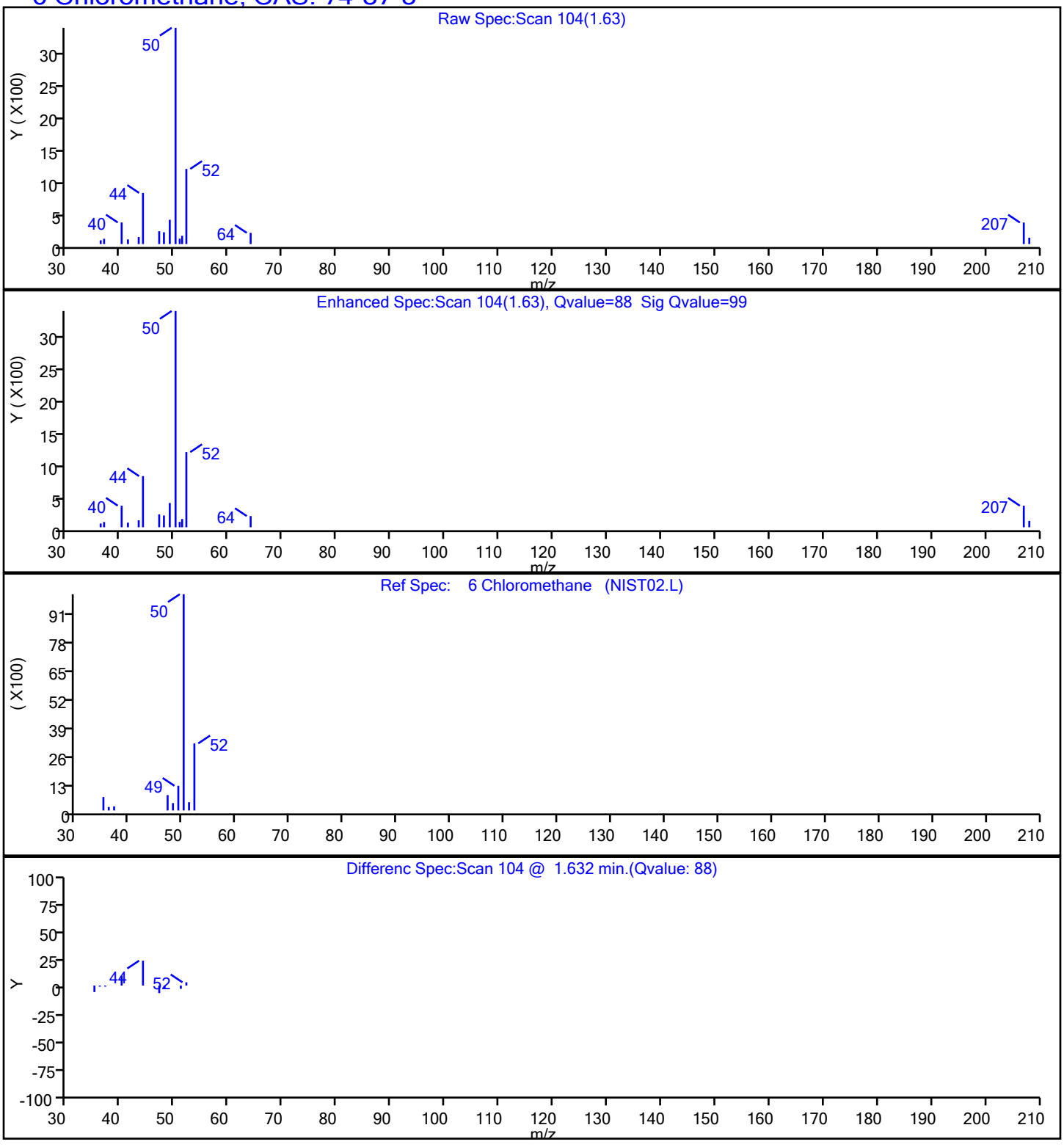
First Level Reviewer: FK2C Date: 26-Feb-2024 10:18:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	45.4	90.81
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.61
$ 83 Toluene-d8 (Surr)	50.0	56.6	113.30
$ 105 4-Bromofluorobenzene	50.0	47.3	94.69

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D
Injection Date: 26-Feb-2024 09:42:37 Instrument ID: CVOAMS15
Lims ID: 460-298659-A-6 Lab Sample ID: 460-298659-6
Client ID: NL-MW-FB-01_20240220
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3



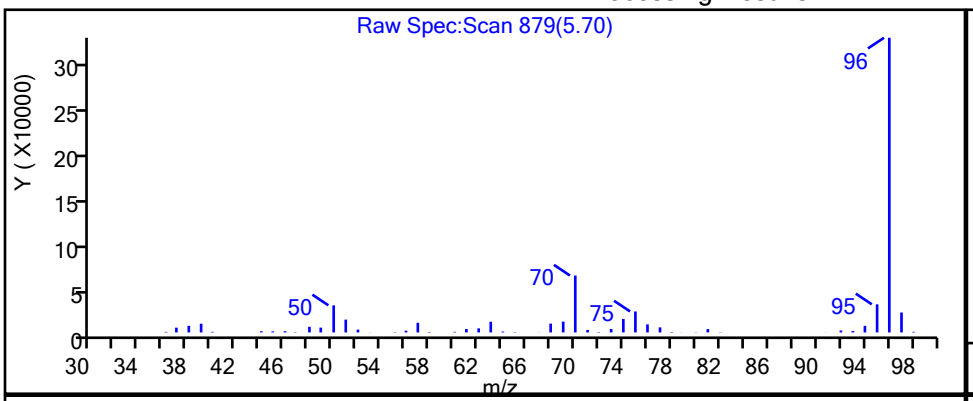
User Disabled Compound Report

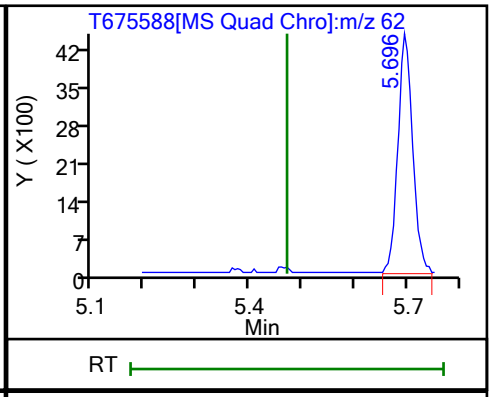
Eurofins Edison

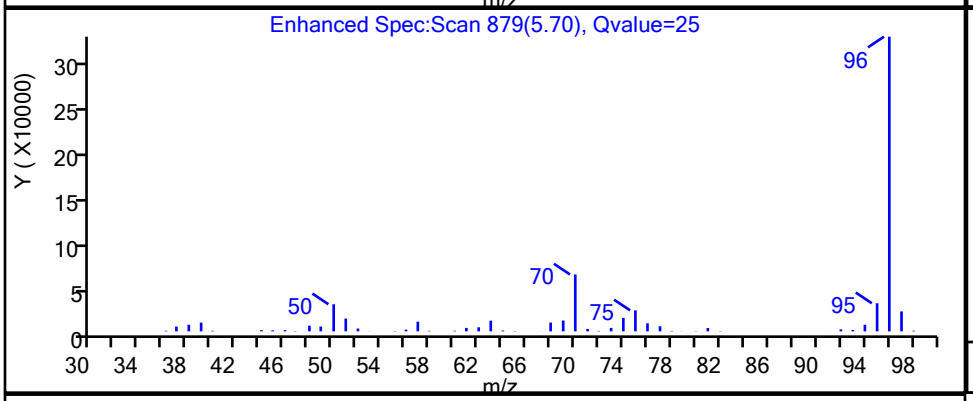
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675588.D				
Injection Date:	26-Feb-2024 09:42:37	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-6	Lab Sample ID:	460-298659-6		
Client ID:	NL-MW-FB-01_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

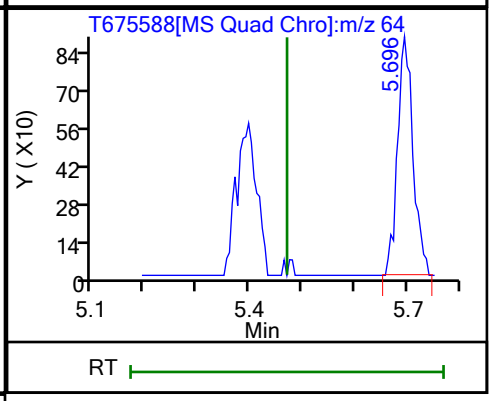
61 1,2-Dichloroethane, CAS: 107-06-2

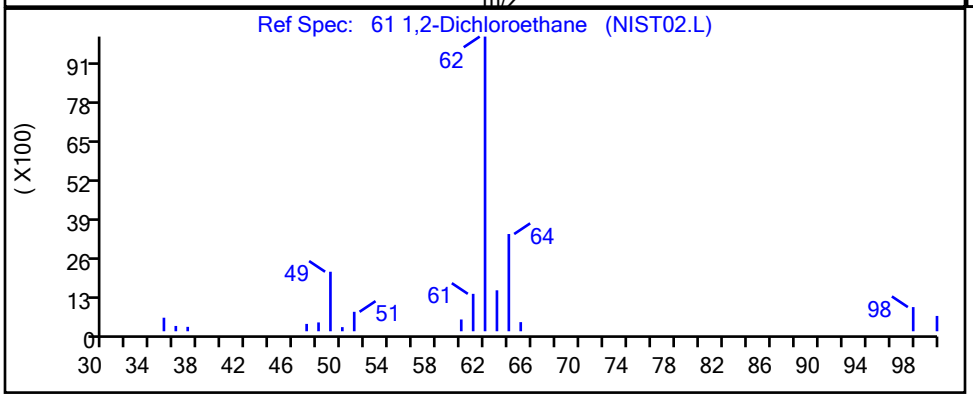
Processing Results











RT	Mass	Response	Amount
5.70	62.00	8691	1.479847
5.70	64.00	1850	

Reviewer: FK2C, 26-Feb-2024 10:17:57 -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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-959077/3	T675077.D
Level 2	STD05 460-959077/4	T675078.D
Level 3	STD1 460-959077/5	T675079.D
Level 4	STD5 460-959077/6	T675080.D
Level 5	STD20 460-959077/7	T675081.D
Level 6	STD50 460-959077/8	T675082.D
Level 7	STD200 460-959077/9	T675083.D
Level 8	STD500 460-959077/10	T675084.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	+++++ 0.0729	0.0638 0.0607	0.0725 0.0781	0.0654	0.0701	Ave		0.0691				8.8		20.0			
Dichlorodifluoromethane	+++++ 0.4691	0.4166 0.4046	0.4793 0.4759	0.4862	0.4649	Ave		0.4567			0.1000	7.1		20.0			
Chlorodifluoromethane	+++++ 0.0576	0.0683 0.0530	0.0632 0.0533	0.0603	0.0590	Ave		0.0592				9.2		20.0			
Chloromethane	+++++ 0.3928	0.4478 0.4201	0.4368 0.4249	0.4211	0.4048	Ave		0.4212			0.1000	4.4		20.0			
Vinyl chloride	+++++ 0.5083	0.5263 0.4981	0.5885 0.4915	0.5326	0.5208	Ave		0.5237			0.1000	6.2		20.0			
Butadiene	0.4003 0.4223	0.4349 0.3951	0.4948 0.4028	0.4640	0.4331	Ave		0.4309				8.0		20.0			
Bromomethane	+++++ 0.1458	0.2478 0.2153	0.2282 +++++	0.1698	0.1472	QuaF		0.1265	0.0004438		0.1000				1.0000		0.9900
Chloroethane	+++++ 2.1905	1.9239 2.1431	2.2203 2.4400	2.2766	2.0385	Ave		2.1761			0.1000	7.6		20.0			
Dichlorofluoromethane	+++++ 0.6853	0.7328 0.7129	0.7353 0.7144	0.7023	0.6934	Ave		0.7109				2.7		20.0			
Trichlorofluoromethane	+++++ 0.5660	0.5100 0.5433	0.5791 0.6142	0.5702	0.5470	Ave		0.5614			0.1000	5.8		20.0			
Pentane	+++++ 0.0540	0.0528 0.0467	0.0503 0.0589	0.0567	0.0524	Ave		0.0531				7.5		20.0			
Ethanol	+++++ 0.2826	0.2640 0.2849	0.3951 0.3034	0.2832	0.2861	Ave		0.2999				14.5		20.0			
Ethyl ether	+++++ 0.2611	0.4368 0.2632	0.3509 0.2649	0.2720	0.2646	Lin2	0.0883	0.2606							1.0000		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.2474	0.2656 0.2318	0.2574 0.2546	0.2583	0.2428	Ave		0.2511				4.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2969	0.3458 0.2933	0.3308 0.3034	0.3045	0.3031	Ave		0.3111				6.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4829	0.5396 0.4831	0.5433 0.4919	0.4982	0.4887	Ave		0.5040				5.2		20.0			
Freon TF	+++++ 0.3185	0.2913 0.2734	0.3128 0.3245	0.3398	0.3157	Ave		0.3109			0.1000	7.1		20.0			
Acrolein	+++++ 0.0609	0.0599 0.0663	0.0550 0.0642	0.0633	0.0582	Ave		0.0611				6.3		20.0			
1,1-Dichloroethene	+++++ 0.3329	0.3661 0.3107	0.3702 0.3271	0.3527	0.3368	Ave		0.3423			0.1000	6.3		20.0			
Acetone	+++++ 0.7009	0.8001 0.9297	0.7963 0.9683	0.6919	0.6972	Ave		0.7978			0.0500	14.2		20.0			
Iodomethane	+++++ 0.4395	0.1812 0.4472	0.2135 0.3842	0.3131	0.4025	QuaF		0.4817	-0.000195						1.0000		0.9900
Carbon disulfide	+++++ 1.1143	1.1774 1.0407	1.2353 1.0466	1.1575	1.1208	Ave		1.1275			0.1000	6.2		20.0			
Isopropyl alcohol	+++++ 3.3175	3.5216 3.2830	3.7364 3.3792	3.2826	3.3504	Ave		3.4101				4.9		20.0			
3-Chloro-1-propene	+++++ 0.2071	0.2319 0.1662	0.2221 0.1648	0.2246	0.2180	Ave		0.2050				13.6		20.0			
Methyl acetate	+++++ 0.2203	0.2160 0.2135	0.2230 0.2097	0.2147	0.2238	Ave		0.2173			0.1000	2.4		20.0			
Cyclopentene	+++++ 0.6644	0.7073 0.6276	0.7159 0.6701	0.6976	0.6645	Ave		0.6782				4.5		20.0			
Acetonitrile	+++++ 0.3136	0.3598 0.2980	0.3688 0.2992	0.3349	0.3174	Ave		0.3274				8.6		20.0			
Methylene Chloride	+++++ 0.4025	0.4176 0.3915	0.4490 0.3935	0.4253	0.4054	Ave		0.4121			0.1000	4.9		20.0			
2-Methyl-2-propanol	7.2857 6.1045	7.0210 5.9484	6.7229 5.6570	6.1429	6.0218	Ave		6.3630				9.0		20.0			
MTBE	+++++ 0.9472	0.8819 0.9502	0.8904 0.9297	0.9184	0.9444	Ave		0.9232			0.1000	3.0		20.0			
trans-1,2-Dichloroethene	+++++ 0.3839	0.3755 0.3731	0.3959 0.3817	0.3995	0.3824	Ave		0.3846			0.1000	2.6		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	0.1375 0.1304	0.1311 0.1332	0.1321 0.1264	0.1294	0.1358	Ave		0.1320				2.7		20.0			
Hexane	+++++ 0.3414	0.2843 0.2816	0.3143 0.3296	0.3467	0.3423	Ave		0.3200				8.6		20.0			
Isopropyl ether	+++++ 0.8365	0.7555 0.8332	0.7692 0.8004	0.8151	0.8374	Ave		0.8068				4.1		20.0			
1,1-Dichloroethane	+++++ 0.6009	0.6089 0.5784	0.6286 0.5800	0.6018	0.6118	Ave		0.6015			0.2000	3.0		20.0			
Vinyl acetate	+++++ 0.3787	0.4770 0.3891	0.4427 0.3978	0.4420	0.4259	Ave		0.4219				8.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.3173	0.3133 0.3198	0.3335 0.3328	0.3251	0.3179	Ave		0.3228				2.4		20.0			
Tert-butyl ethyl ether	+++++ 0.9109	0.7409 0.9324	0.8532 0.9060	0.8801	0.9084	Ave		0.8760				7.4		20.0			
2,2-Dichloropropane	+++++ 0.1261	0.1373 0.1228	0.1223 0.1220	0.1364	0.1333	Ave		0.1286				5.3		20.0			
cis-1,2-Dichloroethene	+++++ 0.4288	0.4243 0.4286	0.4608 0.4420	0.4376	0.4307	Ave		0.4361			0.1000	2.8		20.0			
2-Butanone	+++++ 0.3926	0.3883 0.4394	0.4156 0.4876	0.3791	0.3781	Ave		0.4115			0.0500	9.7		20.0			
Ethyl acetate	+++++ 0.3218	0.3250 0.3476	0.3197 0.3842	0.3213	0.3140	Ave		0.3334				7.4		20.0			
Methyl acrylate	+++++ 0.3072	0.2850 0.3146	0.2964 0.2951	0.2930	0.3194	Ave		0.3015				4.1		20.0			
Propionitrile	+++++ 0.0510	0.0520 0.0525	0.0558 0.0492	0.0506	0.0536	Ave		0.0521				4.1		20.0			
Tetrahydrofuran	+++++ 0.4137	0.4166 0.4219	0.4035 0.4485	0.4070	0.4108	Ave		0.4174				3.6		20.0			
Chlorobromomethane	+++++ 0.2121	0.2095 0.2096	0.2252 0.2234	0.2271	0.2256	Ave		0.2189				3.7		20.0			
Methacrylonitrile	+++++ 0.1623	0.1490 0.1811	0.1546 0.1658	0.1526	0.1654	Ave		0.1616				6.7		20.0			
Chloroform	+++++ 0.6308	0.6331 0.6162	0.6902 0.6151	0.6554	0.6464	Ave		0.6410			0.2000	4.1		20.0			
Cyclohexane	+++++ 0.4670	0.4485 0.4141	0.4616 0.4858	0.4873	0.4753	Ave		0.4628			0.1000	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
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.5439	0.5845 0.5184	0.5626 0.5420	0.5655	0.5429	Ave		0.5514			0.1000	3.9		20.0			
Carbon tetrachloride	+++++ 0.4993	0.4690 0.4796	0.5711 0.5173	0.5103	0.4988	Ave		0.5065			0.1000	6.5		20.0			
1,1-Dichloropropene	+++++ 0.4713	0.5118 0.4493	0.5217 0.4703	0.4891	0.4834	Ave		0.4853				5.2		20.0			
Isobutyl alcohol	+++++ 3.2409	3.1979 2.6381	3.1371 3.0835	3.1058	3.1317	Ave		3.0764				6.5		20.0			
Isooctane	+++++ 0.6511	0.5658 0.5710	0.5660 0.6702	0.6291	0.6452	Ave		0.6140				7.3		20.0			
Benzene	+++++ 1.5373	1.6178 1.4317	1.6053 1.3829	1.6112	1.5751	Ave		1.5373			0.5000	6.1		20.0			
Isopropyl acetate	+++++ 0.1762	0.1394 0.1840	0.1830 0.1796	0.1741	0.1782	Ave		0.1735				8.9		20.0			
Tert-amyl methyl ether	+++++ 0.9735	0.7512 1.0150	0.8718 0.9894	0.9096	0.9546	Ave		0.9236				9.8		20.0			
1,2-Dichloroethane	+++++ 0.4128	0.4835 0.4037	0.4460 0.3714	0.4229	0.4161	Ave		0.4224			0.1000	8.3		20.0			
n-Heptane	+++++ 0.2205	0.2230 0.1786	0.2138 0.2058	0.2397	0.2192	Ave		0.2144				8.8		20.0			
n-Butanol	+++++ 1.6311	1.2392 1.7026	1.1978 1.8618	1.3578	1.5479	Ave		1.5055				16.5		20.0			
Trichloroethene	+++++ 0.4133	0.3671 0.4071	0.4212 0.4249	0.4046	0.4176	Ave		0.4080			0.2000	4.8		20.0			
Methylcyclohexane	+++++ 0.4738	0.4464 0.4183	0.4514 0.4931	0.4835	0.4674	Ave		0.4620			0.1000	5.5		20.0			
Ethyl acrylate	+++++ 0.7080	0.6243 0.7016	0.6556 0.7137	0.6722	0.7032	Ave		0.6827				4.9		20.0			
1,2-Dichloropropane	+++++ 0.3451	0.3378 0.3404	0.3559 0.3403	0.3484	0.3495	Ave		0.3453			0.1000	1.9		20.0			
Methyl methacrylate	+++++ 0.1038	0.0920 0.1139	0.0879 0.1126	0.0919	0.1031	Ave		0.1007				10.3		20.0			
1,4-Dioxane	+++++ 1.0416	1.0502 0.9665	1.1021 0.8354	1.0922	1.0735	Ave		1.0231				9.2		20.0			
Dibromomethane	+++++ 0.2602	0.2333 0.2600	0.2733 0.2229	0.2627	0.2571	Ave		0.2528				7.1		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.3838	0.3323 0.4212	0.3735 0.3701	0.3501	0.4048	Ave		0.3765				8.1		20.0			
Bromodichloromethane	+++++ 0.5039	0.4527 0.5036	0.5013 0.5096	0.4987	0.5019	Ave		0.4960			0.2000	3.9		20.0			
2-Nitropropane	+++++ 0.0677	0.0896 0.0736	0.0734 0.0695	0.0679	0.0693	Ave		0.0730				10.6		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0361	0.0312 0.0273	0.0463 0.0257	0.0365	0.0422	QuaF		0.0298	-0.000008						0.9980		0.9900
Epichlorohydrin	0.2503 0.2265	0.2114 0.2182	0.2272 0.1883	0.2229	0.2294	Ave		0.2218				7.9		20.0			
cis-1,3-Dichloropropene	+++++ 0.6747	0.6199 0.6406	0.6657 0.6133	0.6831	0.6890	Ave		0.6552			0.2000	4.7		20.0			
4-Methyl-2-pentanone	+++++ 2.1217	1.8617 2.1304	1.9059 2.0881	1.9035	2.0235	Ave		2.0050			0.0500	5.7		20.0			
Toluene	+++++ 1.7025	1.9921 1.5964	1.9050 1.5148	1.7617	1.7296	Ave		1.7432			0.4000	9.5		20.0			
trans-1,3-Dichloropropene	+++++ 0.6093	0.5216 0.5884	0.5876 0.5576	0.5958	0.6133	Ave		0.5820			0.1000	5.5		20.0			
Ethyl methacrylate	+++++ 0.4759	0.4015 0.4676	0.4105 0.4369	0.4378	0.4667	Ave		0.4424				6.6		20.0			
1,1,2-Trichloroethane	+++++ 0.3359	0.3402 0.3233	0.3216 0.3082	0.3410	0.3403	Ave		0.3301			0.1000	3.8		20.0			
Tetrachloroethene	+++++ 0.4845	0.4561 0.4576	0.5150 0.4658	0.4950	0.4896	Ave		0.4805			0.2000	4.5		20.0			
1,3-Dichloropropane	+++++ 0.6139	0.3945 0.5900	0.6068 0.5512	0.6211	0.6234	Ave		0.5716				14.3		20.0			
2-Hexanone	+++++ 1.4849	1.3460 1.5854	1.3832 1.5744	1.3547	1.4345	Ave		1.4519			0.0500	6.9		20.0			
n-Butyl acetate	+++++ 0.4313	0.4278 0.4316	0.4442 0.3798	0.4227	0.4335	Ave		0.4244				4.9		20.0			
Dibromochloromethane	+++++ 0.4853	0.4513 0.4724	0.4569 0.4521	0.4764	0.4753	Ave		0.4671			0.1000	2.9		20.0			
1,2-Dibromoethane	+++++ 0.4253	0.3663 0.4090	0.4220 0.3872	0.4169	0.4280	Ave		0.4078			0.1000	5.6		20.0			
Chlorobenzene	+++++ 1.1375	1.0865 1.0869	1.2296 1.0403	1.1435	1.1447	Ave		1.1242			0.5000	5.4		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.5895	0.5717 0.5670	0.6186 0.5667	0.5964	0.5825	Ave		0.5846			0.1000	3.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4257	0.2795 0.4129	0.4032 0.4025	0.4214	0.4223	Ave		0.3953				13.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6975	0.7722 0.6569	0.7572 0.6521	0.7256	0.7024	Ave		0.7091			0.1000	6.5		20.0			
o-Xylene	+++++ 0.6957	0.7081 0.6673	0.7464 0.6713	0.6877	0.7014	Ave		0.6968			0.3000	3.8		20.0			
n-Butyl acrylate	+++++ 0.2984	0.2424 0.2982	0.2890 0.2816	0.2786	0.2900	Ave		0.2826				6.8		20.0			
Styrene	+++++ 1.1597	1.1098 1.1019	1.1362 1.0530	1.1307	1.1500	Ave		1.1202			0.3000	3.2		20.0			
Bromoform	+++++ 0.3678	0.4015 0.3684	0.3940 0.3610	0.3545	0.3693	Ave		0.3738			0.1000	4.6		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8534	0.7702 0.8507	0.8272 0.7650	0.8188	0.8593	Ave		0.8207				4.8		20.0			
Isopropylbenzene	+++++ 1.6713	1.6583 1.5490	1.8300 1.4930	1.7308	1.6803	Ave		1.6590			0.1000	6.7		20.0			
Bromobenzene	+++++ 0.9154	0.8722 0.9269	0.9163 0.9396	0.9080	0.9144	Ave		0.9133				2.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8374	0.8100 0.8477	0.8660 0.8238	0.8450	0.8514	Ave		0.8402			0.3000	2.2		20.0			
N-Propylbenzene	+++++ 3.5300	3.5093 3.3614	3.6744 3.2165	3.5761	3.5206	Ave		3.4840				4.3		20.0			
1,2,3-Trichloropropane	+++++ 0.2701	0.2630 0.2703	0.2332 0.2616	0.2623	0.2702	Ave		0.2615				5.0		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2065	0.2071 0.2018	0.1781 0.1860	0.1979	0.2116	Ave		0.1984				6.2		20.0			
2-Chlorotoluene	+++++ 2.3100	2.3165 2.2533	2.3680 2.2411	2.3106	2.3052	Ave		2.3007				1.8		20.0			
4-Ethyltoluene	+++++ 2.9519	2.8698 2.8685	3.1084 2.7553	2.9375	2.9539	Ave		2.9207				3.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3547	2.2505 2.2757	2.3889 2.2227	2.3407	2.3361	Ave		2.3099				2.6		20.0			
4-Chlorotoluene	+++++ 2.3107	2.3001 2.2311	2.3526 2.1730	2.3237	2.3159	Ave		2.2867				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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 0.8731	0.7339 0.9042	0.7364 0.8903	0.7640	0.8370	Ave		0.8198				9.0		20.0			
tert-Butylbenzene	+++++ 1.9847	2.0049 1.9215	2.0541 1.9342	2.0189	1.9931	Ave		1.9873				2.3		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4716	2.2138 2.4080	2.4233 2.3124	2.4089	2.4418	Ave		2.3828				3.7		20.0			
sec-Butylbenzene	+++++ 2.8298	2.8149 2.6976	2.9718 2.6056	2.9117	2.8435	Ave		2.8107				4.4		20.0			
1,3-Dichlorobenzene	+++++ 1.5435	1.4227 1.5731	1.5357 1.5609	1.4999	1.5197	Ave		1.5222			0.6000	3.3		20.0			
4-Isopropyltoluene	+++++ 2.4273	2.3137 2.3530	2.5221 2.2698	2.4293	2.4070	Ave		2.3889				3.5		20.0			
1,4-Dichlorobenzene	+++++ 1.5509	1.5938 1.5619	1.5595 1.5317	1.5377	1.5439	Ave		1.5542			0.5000	1.3		20.0			
1,2,3-Trimethylbenzene	+++++ 2.4642	2.4000 2.5158	2.3886 2.3535	2.4321	2.4299	Ave		2.4263				2.2		20.0			
Benzyl chloride	+++++ 1.5235	1.5488 1.6012	1.4496 1.4951	1.4333	1.5224	Ave		1.5105				3.8		20.0			
Indan	+++++ 2.5609	2.5006 2.6044	2.5198 2.4074	2.4971	2.5544	Ave		2.5207				2.5		20.0			
p-Diethylbenzene	+++++ 1.4543	1.4548 1.4739	1.4107 1.4477	1.4125	1.4288	Ave		1.4404				1.6		20.0			
n-Butylbenzene	+++++ 1.1318	1.0702 1.0996	1.1717 1.0866	1.1267	1.1394	Ave		1.1180				3.1		20.0			
1,2-Dichlorobenzene	+++++ 1.4047	1.2711 1.4260	1.3560 1.3814	1.3875	1.4194	Ave		1.3780			0.4000	3.8		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.0366	1.8338 2.1555	2.0266 2.0518	1.9281	1.9973	Ave		2.0042				5.1		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2247	0.2001 0.2376	0.2271 0.2300	0.2107	0.2271	Ave		0.2225			0.0500	5.7		20.0			
1,3,5-Trichlorobenzene	+++++ 0.9327	0.7985 0.9958	0.9168 0.9807	0.8907	0.9107	Ave		0.9180				7.1		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8216	0.8006 0.8534	0.7830 0.8547	0.7558	0.7911	Ave		0.8086			0.2000	4.5		20.0			
Hexachlorobutadiene	+++++ 0.3590	0.4450 0.3578	0.4105 0.3625	0.3740	0.3569	Ave		0.3808				8.9		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.: 460-298659-1 Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 Calibration End Date: 02/13/2024 02:20 Calibration ID: 96005

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	+++++ 2.1311	2.0475 2.2368	2.0650 2.0773	1.9980	2.0912	Ave		2.0924				3.6		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7045	0.7056 0.7290	0.6752 0.7189	0.6687	0.6847	Ave		0.6981				3.2		20.0			
Dibromofluoromethane (Surr)	0.3100 0.3016	0.3072 0.3016	0.3099 0.3047	0.3085	0.3052	Ave		0.3061				1.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2780 0.2693	0.2769 0.2717	0.2786 0.2621	0.2760	0.2729	Ave		0.2732				2.0		20.0			
Toluene-d8 (Surr)	1.1477 1.1580	1.1630 1.1066	1.1657 1.0690	1.1830	1.1633	Ave		1.1445				3.3		20.0			
Bromofluorobenzene	0.4564 0.4432	0.4638 0.4227	0.4571 0.4152	0.4550	0.4413	Ave		0.4443				3.9		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-959077/3	T675077.D
Level 2	STD05 460-959077/4	T675078.D
Level 3	STD1 460-959077/5	T675079.D
Level 4	STD5 460-959077/6	T675080.D
Level 5	STD20 460-959077/7	T675081.D
Level 6	STD50 460-959077/8	T675082.D
Level 7	STD200 460-959077/9	T675083.D
Level 8	STD500 460-959077/10	T675084.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	+++++ 41845	365 142098	804 477692	3629	15753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 269389	2384 947284	5317 2909867	26965	104433	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 33063	391 124012	701 325774	3343	13265	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 225591	2563 983559	4845 2597803	23355	90937	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 291890	3012 1165988	6528 3005161	29538	116999	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1149 242501	2489 924979	5489 2462960	25731	97300	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	QuaF	+++++ 83724	1418 503928	2531 +++++	9419	33060	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chloroethane	BUT	Ave	+++++ 154203	1323 628092	3007 1700588	15296	58837	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 393545	4194 1668920	8157 4368197	38950	155778	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 325044	2919 1271876	6424 3755493	31623	122891	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 61991	604 218801	1117 720356	6289	23532	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 36030	334 155514	978 370036	3439	15183	+++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 149958	2500 616112	3892 1619734	15087	59440	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 142100	1520 542582	2855 1556539	14323	54544	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 170503	1979 686510	3670 1855051	16886	68104	+++++ 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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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	+++++ 277352	3088 1131051	6027 3007828	27631	109801	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Freon TF	FB	Ave	+++++ 182933	1667 640081	3470 1984371	18844	70923	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 69950	1371 155313	2441 314059	14038	26154	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 191169	2095 727336	4106 2000299	19559	75673	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 246695	2751 1362294	5392 3374355	23243	100609	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	+++++ 252407	1037 1046974	2368 2348954	17367	90436	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 639962	6738 2436387	13703 6399031	64195	251806	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 105725	1114 448086	2312 1030441	9967	44454	+++++ 500	5.00 2000	10.0 5000	50.0	200
3-Chloro-1-propene	FB	Ave	+++++ 118956	1327 389118	2464 1007806	12458	48969	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 253047	2472 999700	4947 2563820	23814	100548	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 381575	4048 1469123	7941 4097030	38686	149275	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 220774	2474 873417	4994 2085293	22498	91596	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 231144	2390 916412	4981 2405886	23585	91074	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	927 194545	2221 811868	4160 1725011	18652	79899	2.00 500	5.00 2000	10.0 5000	50.0	200
MTBE	FB	Ave	+++++ 543945	5047 2224519	9877 5684332	50933	212176	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 220490	2149 873358	4392 2333799	22158	85908	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3158 749078	7501 3117678	14659 7730549	71780	305065	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 196072	1627 659228	3487 2015575	19228	76890	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 480398	4324 1950595	8533 4894174	45204	188118	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 345096	3485 1353953	6973 3546249	33376	137449	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++	656	1199	5939	24584	+++++	1.00	2.00	10.0	40.0

Lab Name: Eurofins Edison | Job No.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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
			53315	228070	554452			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	+++++ 182219	1793 748670	3700 2035118	18028	71427	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 523129	4240 2182813	9464 5539279	48810	204085	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 72409	786 287364	1357 745929	7565	29937	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 246283	2428 1003423	5112 2702261	24267	96771	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone	BUT	Ave	+++++ 138173	1335 643913	2814 1699079	12735	54558	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 45303	447 203753	866 535560	4318	18125	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 176399	1631 736431	3288 1804304	16252	71753	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 292685	2976 1229123	6189 3009012	28086	120494	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tetrahydrofuran	BUT	Ave	+++++ 58238	573 247307	1093 625240	5469	23711	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Chlorobromomethane	FB	Ave	+++++ 121819	1199 490788	2498 1366211	12595	50686	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	+++++ 931911	8527 4239319	17155 10139929	84658	371585	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 362273	3623 1442576	7656 3760873	36346	145230	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 268174	2567 969451	5120 2970392	27028	106778	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 312383	3345 1213523	6241 3314199	31361	121965	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 286744	2684 1122821	6335 3162804	28303	112056	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 270637	2929 1051769	5787 2875702	27124	108609	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 258211	2529 900170	4853 2350694	23576	103880	+++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 373900	3238 1336764	6278 4098070	34890	144939	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 800557	8070 3203546	15609 8359136	78538	317801	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++	798	2030	9657	40033	+++++	0.500	1.00	5.00	20.0

Lab Name: Eurofins Edison | Job No.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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
			101196	430814	1098127			50.0	200	500		
Tert-amyl methyl ether	FB	Ave	+++++ 559059	4299 2376176	9671 6049796	50446	214451	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 237069	2767 945099	4947 2271096	23455	93490	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 126611	1276 418137	2372 1258132	13293	49243	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 129950	980 580936	1853 1419357	10307	51346	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 237330	2101 953027	4672 2597958	22439	93820	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 272117	2555 979346	5007 3015159	26817	105013	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 406623	3573 1642364	7272 4364040	37279	157970	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 198204	1933 796856	3948 2080842	19320	78524	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 119229	1053 533062	1951 1377052	10190	46303	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 55871	1404 231897	2898 552592	5836	23465	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 149437	1335 608659	3032 1363017	14570	57751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 220400	1902 985945	4143 2262830	19414	90950	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 289407	2591 1179041	5561 3116072	27658	112751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 77764	1026 344523	1629 850131	7528	31129	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	QuaF	+++++ 20766	179 64159	515 157799	2028	9508	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1716 318923	2907 1279140	6153 2624778	29946	132399	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 351360	3092 1433348	6473 3707520	33300	139011	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 746771	6401 3121788	12906 7276625	63946	292014	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 886612	9937 3572254	18523 9156918	85876	348973	+++++ 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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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	+++++ 317316	2602 1316697	5713 3370766	29042	123749	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 247838	2003 1046407	3991 2640743	21342	94165	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 174929	1697 723448	3127 1863093	16624	68655	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 252314	2275 1023970	5007 2815798	24128	98782	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 319717	1968 1320312	5900 3331682	30277	125784	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 522650	4628 2323129	9366 5486725	45511	207025	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	Ave	+++++ 224587	2134 965844	4319 2296091	20606	87461	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 252720	2251 1057015	4443 2732967	23224	95897	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 221468	1827 915102	4103 2340368	20320	86367	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 592361	5420 2432207	11956 6288609	55742	230965	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 307006	2852 1268681	6015 3425765	29072	117537	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 221701	1394 923824	3920 2433000	20542	85213	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 363204	3852 1469846	7362 3941919	35371	141725	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 362279	3532 1493095	7257 4057825	33521	141518	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd5	Ave	+++++	1209	2810	13579	58519	+++++	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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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
			155371	667377	1702238			50.0	200	500		
Styrene	CBNZd5	Ave	+++++ 603940	5536 2465662	11047 6365235	55118	232028	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 191559	2003 824425	3831 2182109	17282	74509	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 247421	2205 1018472	4622 2426680	22748	97396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 870354	8272 3466233	17793 9024750	84370	339032	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 265389	2497 1109687	5120 2980569	25227	103646	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 242766	2319 1014880	4839 2613177	23477	96499	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1023391	10047 4024284	20532 10202780	99355	399031	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 78312	753 323627	1303 829860	7287	30620	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 59853	593 241605	995 589885	5499	23984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 669702	6632 2697664	13232 7108874	64195	261278	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 855802	8216 3434103	17369 8740020	81612	334800	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 682653	6443 2724492	13349 7050461	65031	264783	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 669890	6585 2671102	13146 6892890	64560	262495	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 253134	2101 1082468	4115 2823975	21226	94871	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 575376	5740 2300342	11478 6135214	56091	225908	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 716543	6338 2882846	13541 7335109	66926	276766	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 820403	8059 3229496	16606 8265078	80896	322286	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 447479	4073 1883239	8581 4951203	41673	172248	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 703708	6624 2816938	14093 7200014	67494	272818	+++++ 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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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	+++++ 449627	4563 1869867	8714 4858750	42722	174992	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 714402	6871 3011920	13347 7465502	67570	275415	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 441678	4434 1916896	8100 4742432	39822	172551	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 742436	7159 3118001	14080 7636321	69377	289528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 421623	4165 1764592	7883 4592117	39243	161941	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 328124	3064 1316444	6547 3446701	31302	129138	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 407229	3639 1707241	7577 4381807	38549	160883	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 590445	5250 2580582	11324 6508391	53569	226379	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 65129	573 284464	1269 729435	5853	25737	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 270409	2286 1192192	5123 3110902	24746	103219	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 238187	2292 1021739	4375 2711029	20999	89663	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 104068	1274 428296	2294 1149809	10390	40449	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 617832	5862 2677899	11539 6589413	55511	237018	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 204241	2020 872766	3773 2280332	18578	77610	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	177961 173215	175786 176501	171861 186308	171109	171401	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159605 154672	158452 158990	154523 160275	153073	153283	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	584672 603040	580140 619026	566738 646189	576639	586810	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Bromofluorobenzene	CBNZd5	Ave	232491 230818	231337 236472	222242 250994	221773	222599	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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

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.: 460-298659-1 | Analy Batch No.: 959077

SDG No.:

Instrument ID: CVOAMS15 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/12/2024 23:40 | Calibration End Date: 02/13/2024 02:20 | Calibration ID: 96005

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-959077/3	T675077.D
Level 2	STD05 460-959077/4	T675078.D
Level 3	STD1 460-959077/5	T675079.D
Level 4	STD5 460-959077/6	T675080.D
Level 5	STD20 460-959077/7	T675081.D
Level 6	STD50 460-959077/8	T675082.D
Level 7	STD200 460-959077/9	T675083.D
Level 8	STD500 460-959077/10	T675084.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	+++++	-0.1						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Feb-2024 23:40:51 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0172222-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:30 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 15-Feb-2024 12:07:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.748	1.748	0.000	43	1149	0.2500	0.2322	
* 31 TBA-d9 (IS)	66	3.231	3.231	0.000	94	63618	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	22	927	2.00	2.29	
33 Acrylonitrile	53	3.541	3.541	0.000	66	3158	2.00	2.08	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	47	342746	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.977	0.000	96	177961	50.0	50.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	90	159605	50.0	50.9	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	574097	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.519	0.000	1	55464	1000.0	1000.0	
80 Epichlorohydrin	57	7.321	7.321	0.000	9	1716	5.00	5.64	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	584672	50.0	50.1	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	82	509412	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	232491	50.0	51.4	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	92	289722	50.0	50.0	

QC Flag Legend
Processing Flags

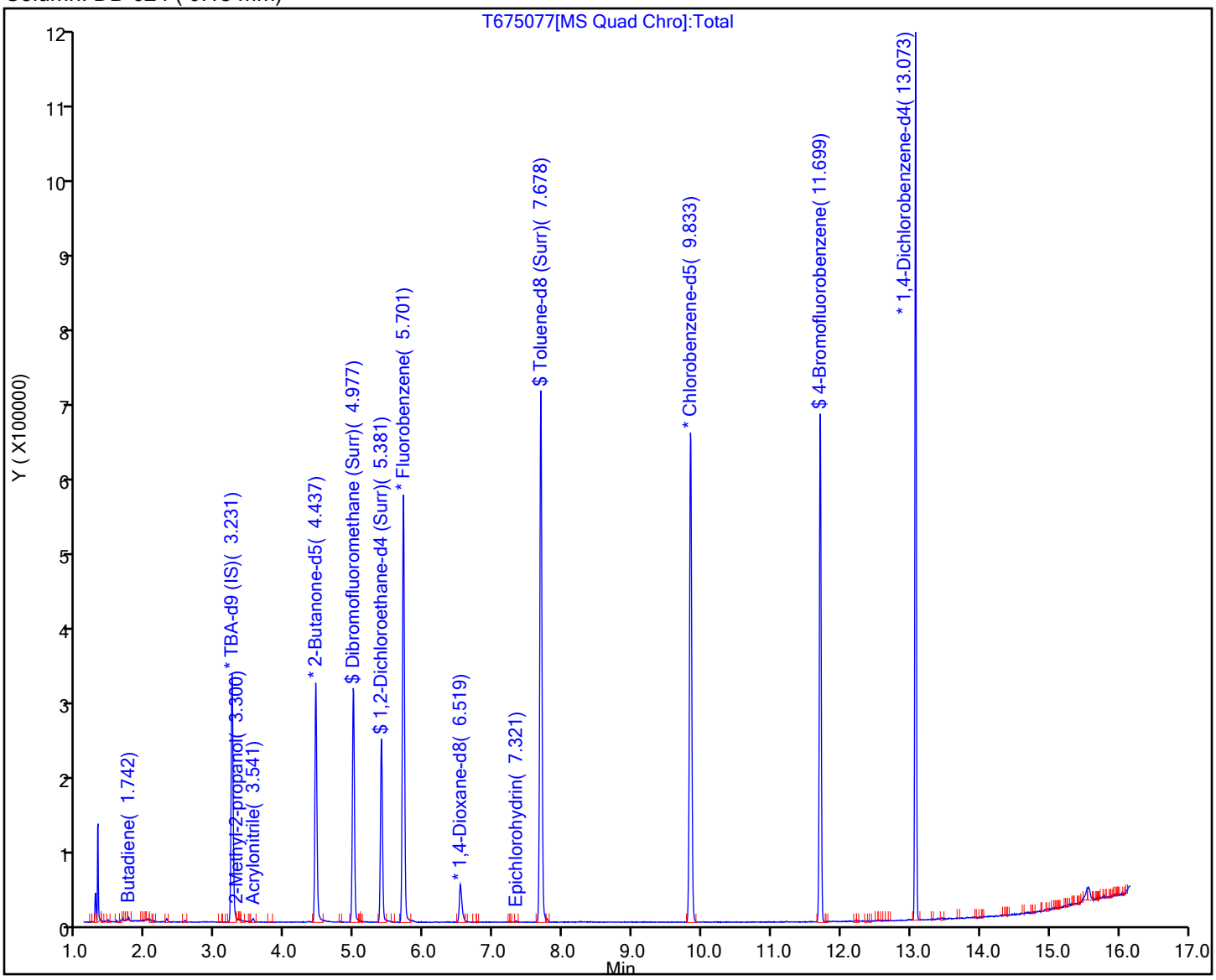
Reagents:

524FREONS_00014	Amount Added:	0.00	Units: uL	
GASES Li_00571	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00183	Amount Added:	0.00	Units: uL	
ACROLEIN W_00165	Amount Added:	0.00	Units: uL	
GAS Hi_00462	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00121	Amount Added:	20.00	Units: uL	
Ethanol mix_00086	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00145	Amount Added:	0.00	Units: uL	
MIX I Hi_00173	Amount Added:	0.00	Units: uL	
7 Freons Hi_00011	Amount Added:	0.00	Units: uL	
VMTBA500_00045	Amount Added:	2.00	Units: uL	
14DIOXINTER_00165	Amount Added:	0.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:31 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



Eurofins Edison

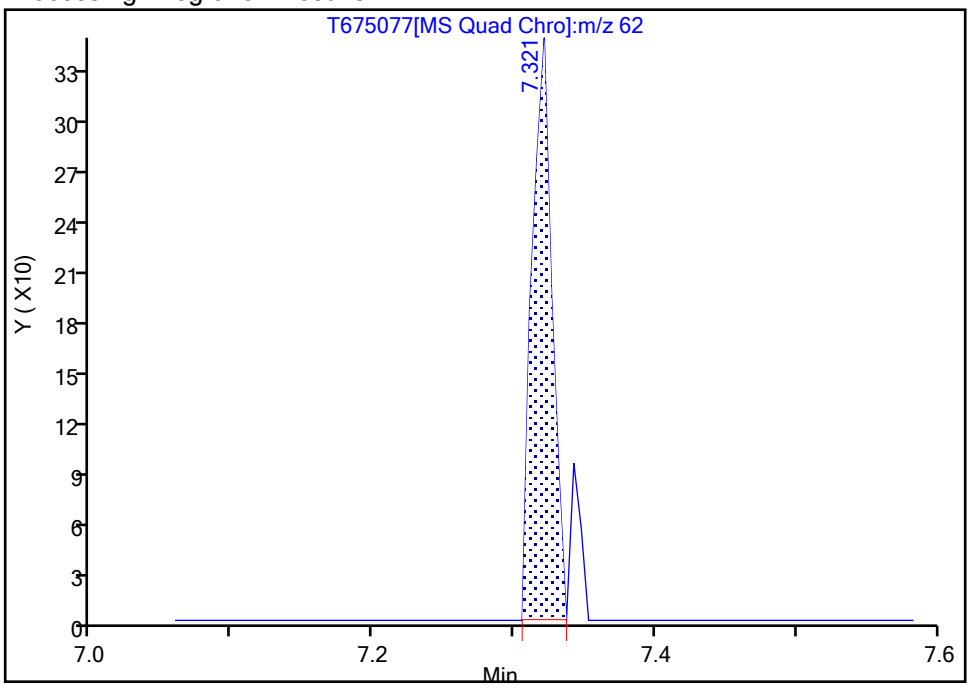
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

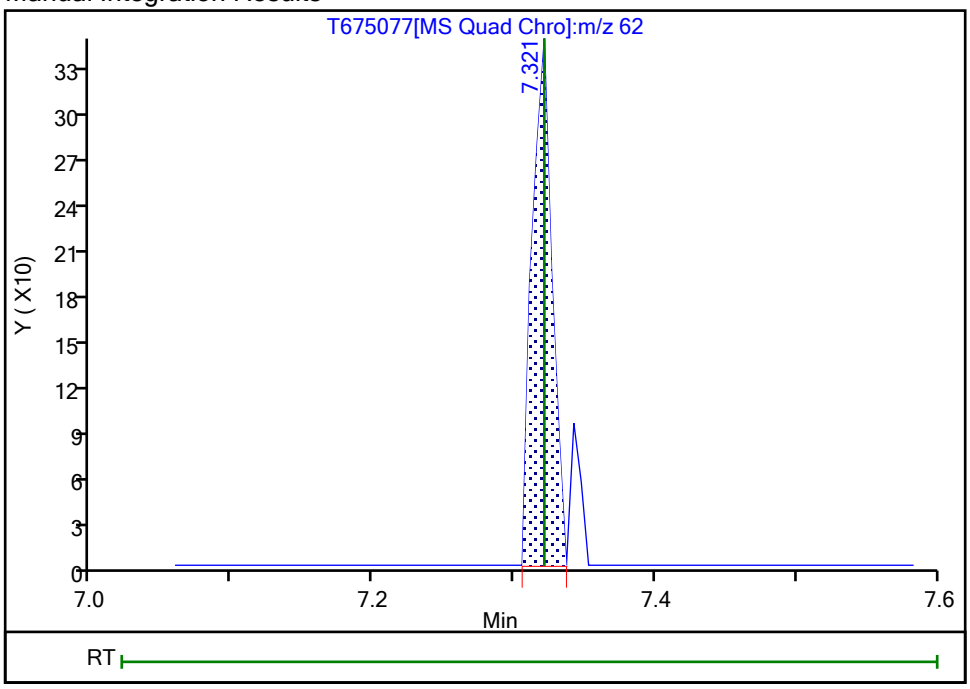
Processing Integration Results

RT: 7.32
Area: 336
Amount: 5.644038
Amount Units: ug/l



Manual Integration Results

RT: 7.32
Area: 336
Amount: 5.644038
Amount Units: ug/l



Reviewer: W9CM, 13-Feb-2024 18:30:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

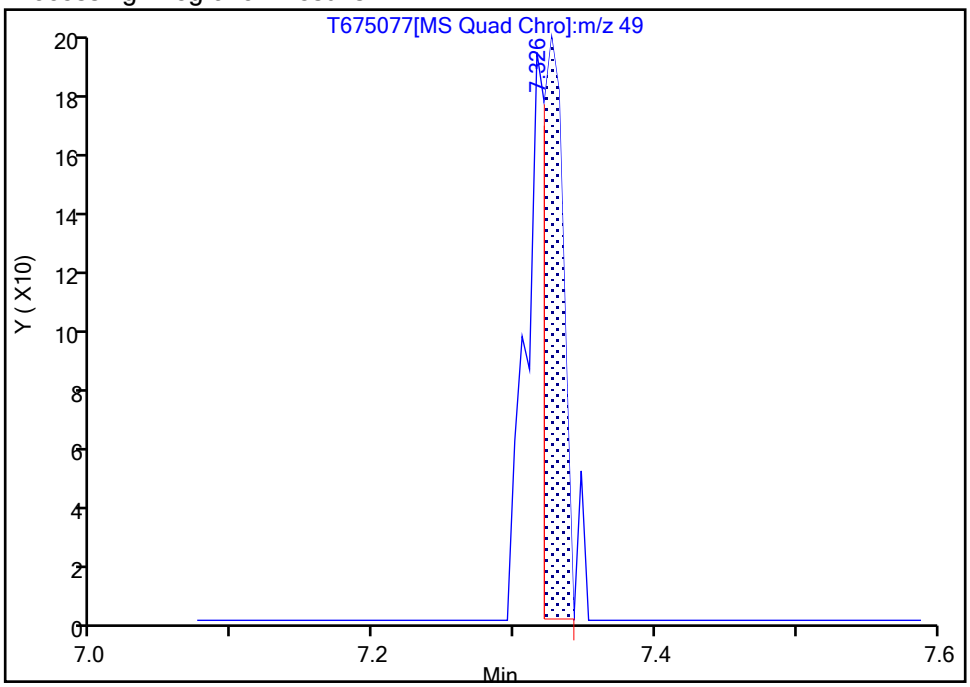
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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

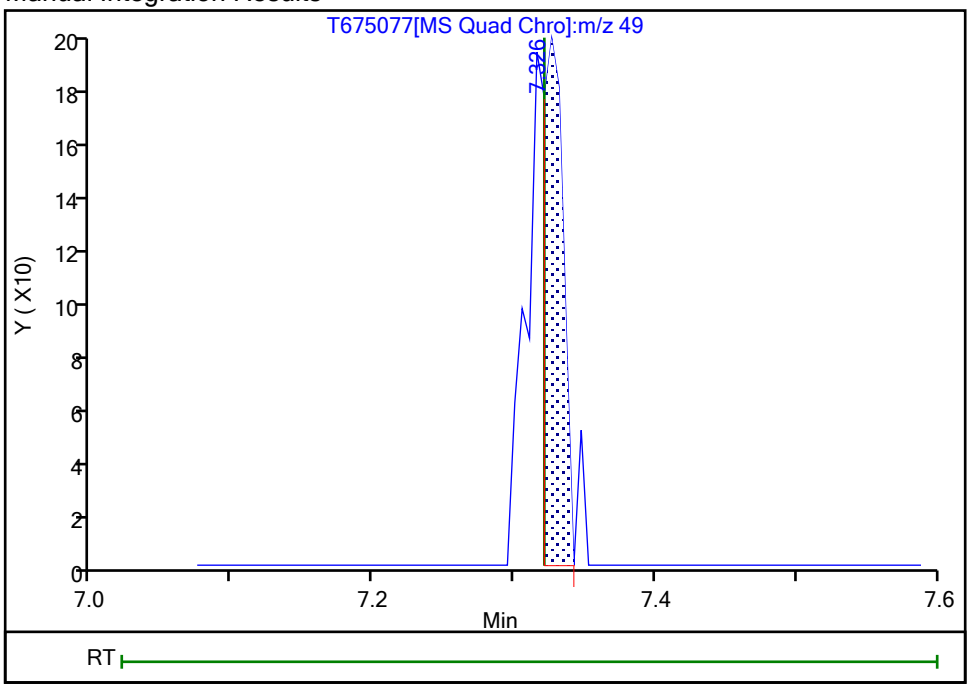
Processing Integration Results

RT: 7.33
Area: 198
Amount: 5.644038
Amount Units: ug/l



Manual Integration Results

RT: 7.33
Area: 198
Amount: 5.644038
Amount Units: ug/l



Reviewer: W9CM, 13-Feb-2024 18:30:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

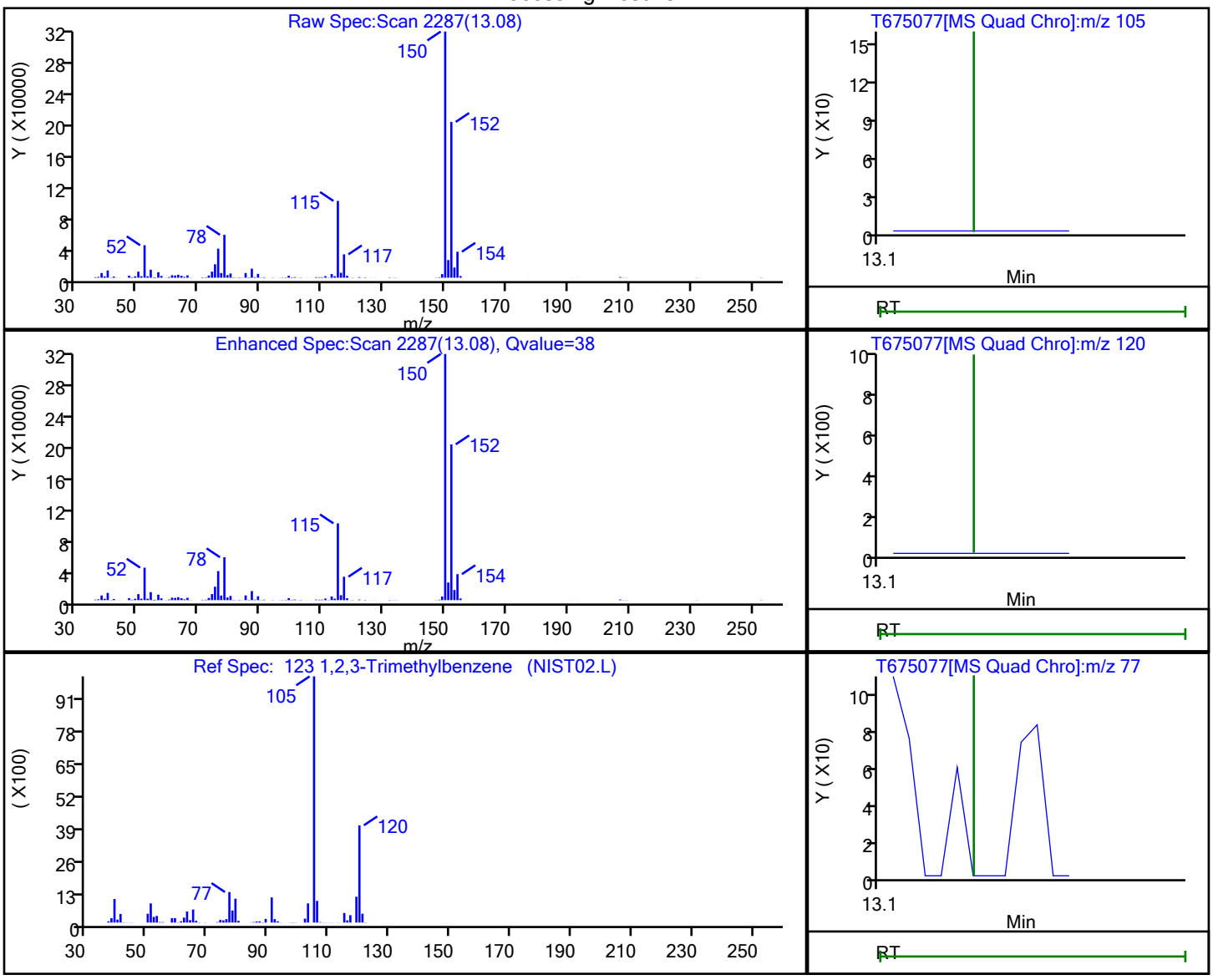
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.08	105.00	25	0.001778
13.07	120.00	419	
13.07	77.00	9319	

Reviewer: W9CM, 13-Feb-2024 18:31:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

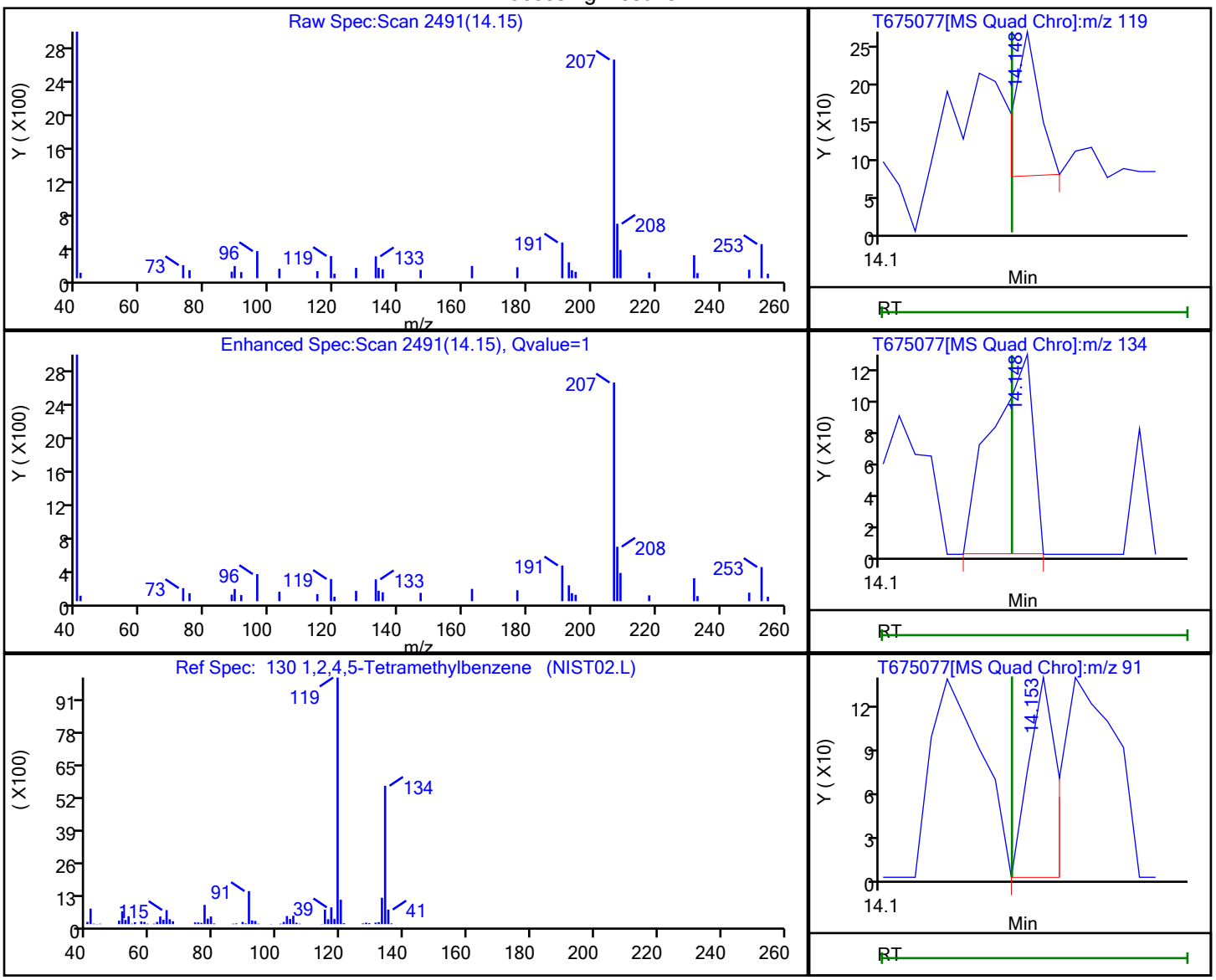
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.15	119.00	108	0.009300
14.15	134.00	116	
14.15	91.00	87	

Reviewer: W9CM, 13-Feb-2024 18:31:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

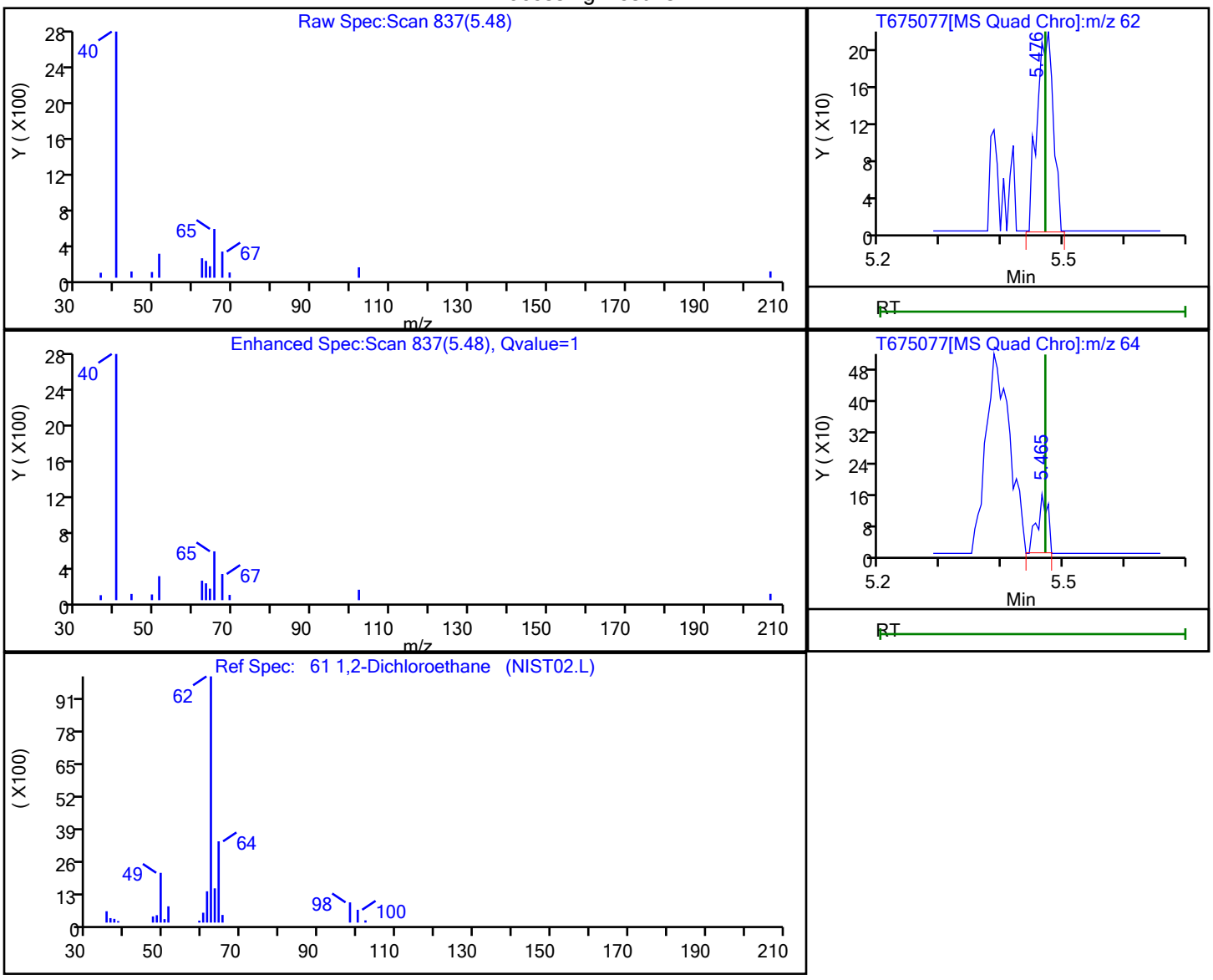
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.48	62.00	393	0.081040
5.47	64.00	185	

Reviewer: W9CM, 13-Feb-2024 18:30:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

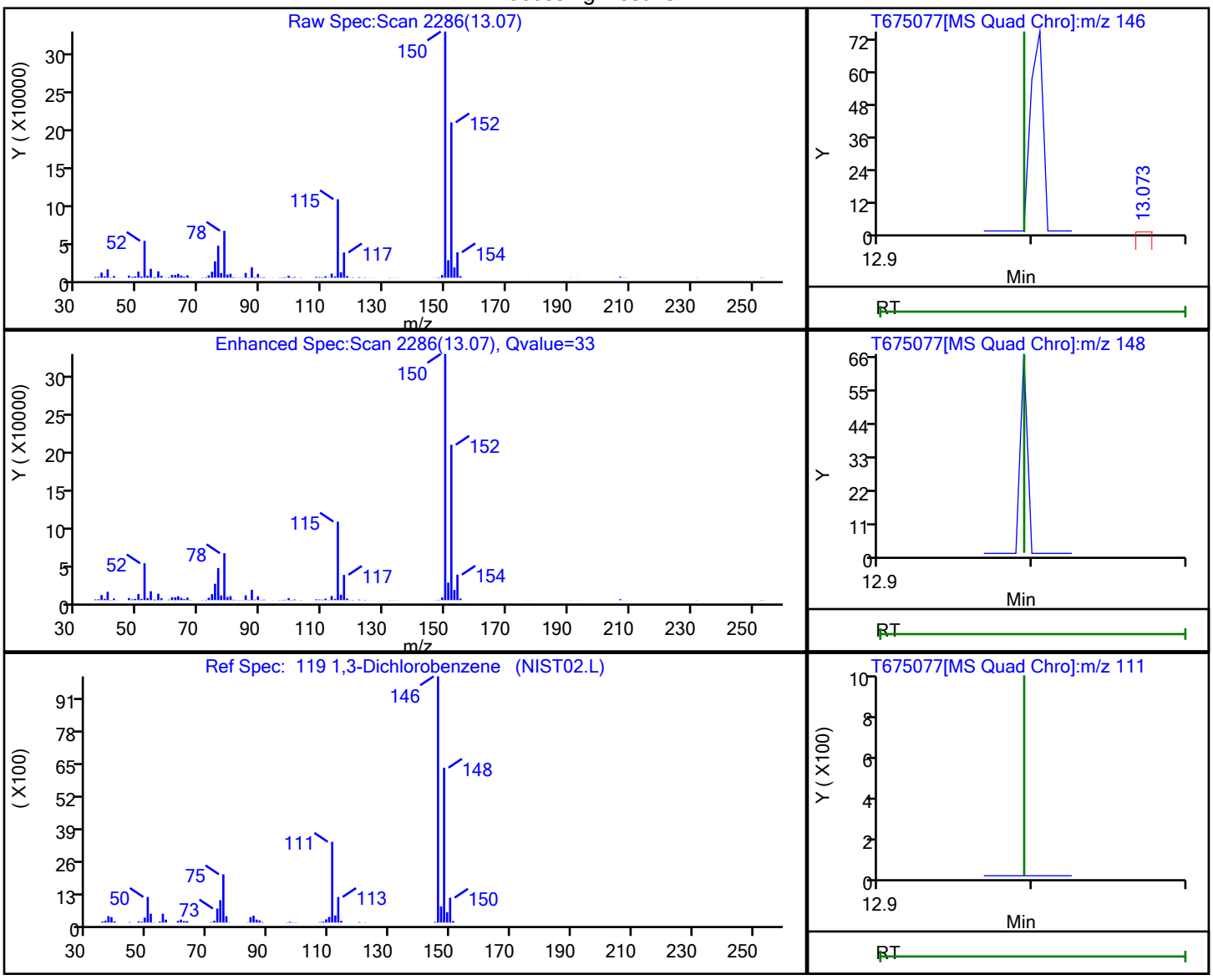
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.07	146.00	53	0.005914
13.08	148.00	790	
13.07	111.00	2978	

Reviewer: W9CM, 13-Feb-2024 18:30:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

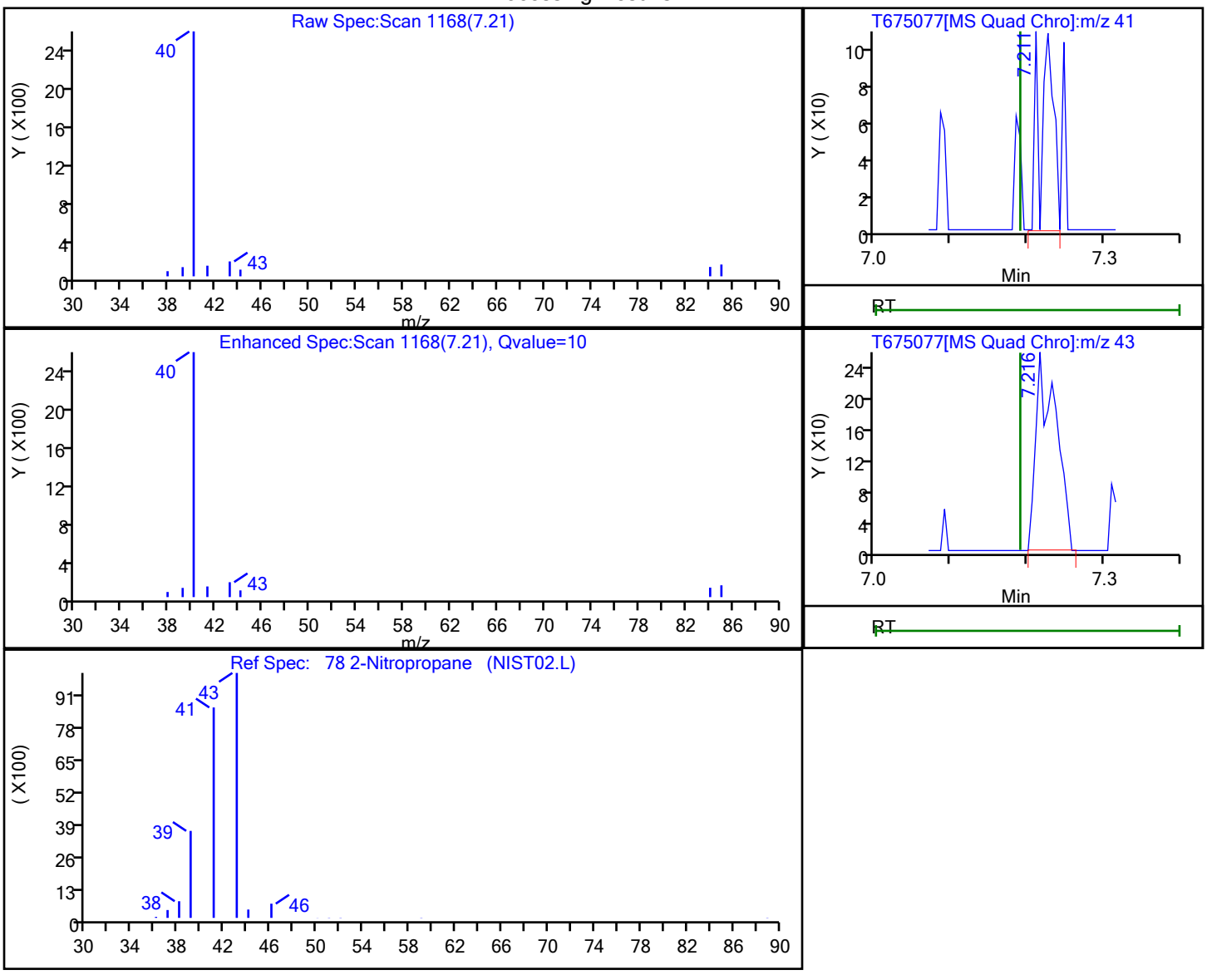
User Disabled Compound Report

Eurofins Edison

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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
7.21	41.00	137	0.163442
7.22	43.00	467	

Reviewer: W9CM, 13-Feb-2024 18:30:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

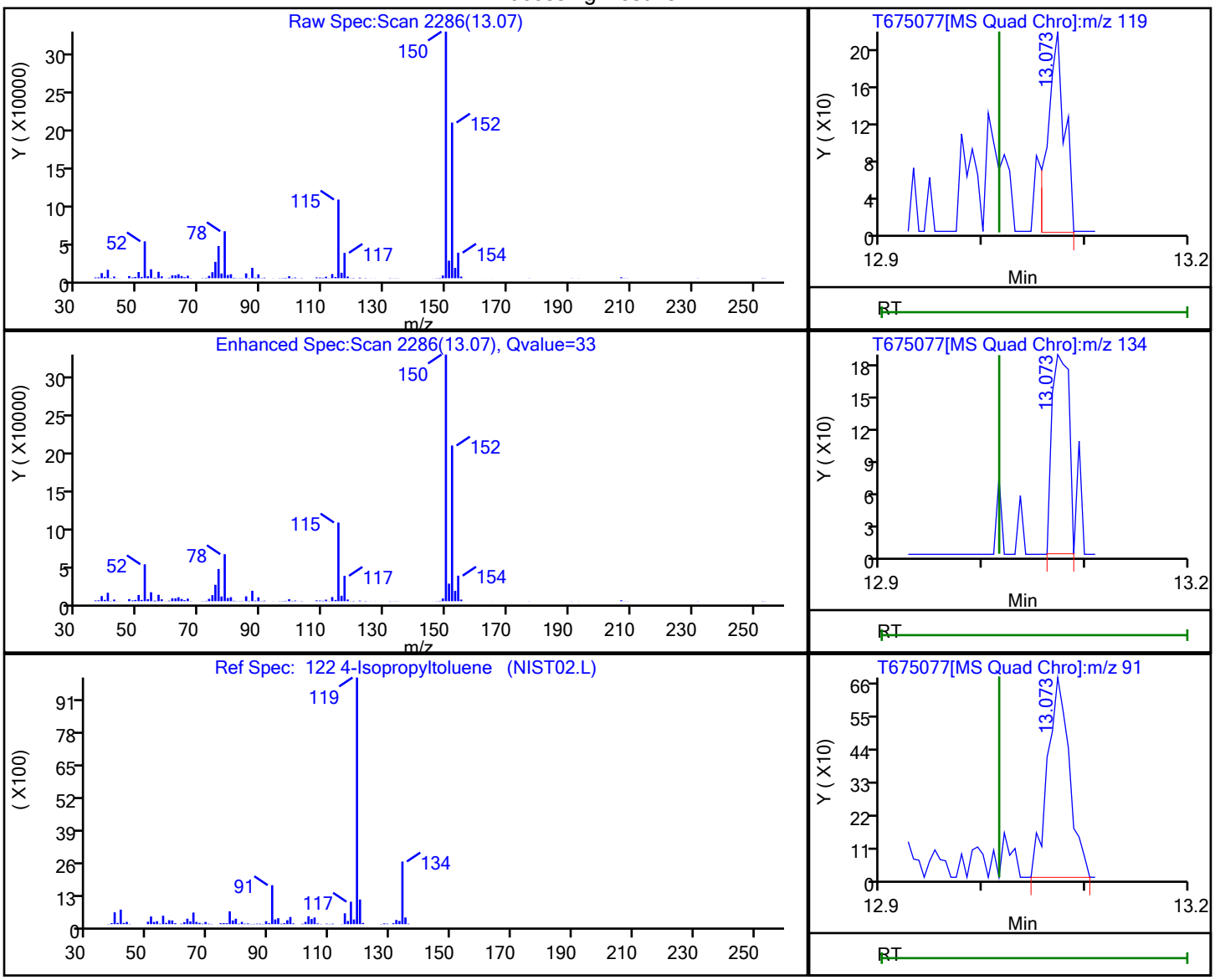
User Disabled Compound Report

Eurofins Edison

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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
13.07	119.00	234	0.016905
13.07	134.00	217	
13.07	91.00	1012	

Reviewer: W9CM, 13-Feb-2024 18:31:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

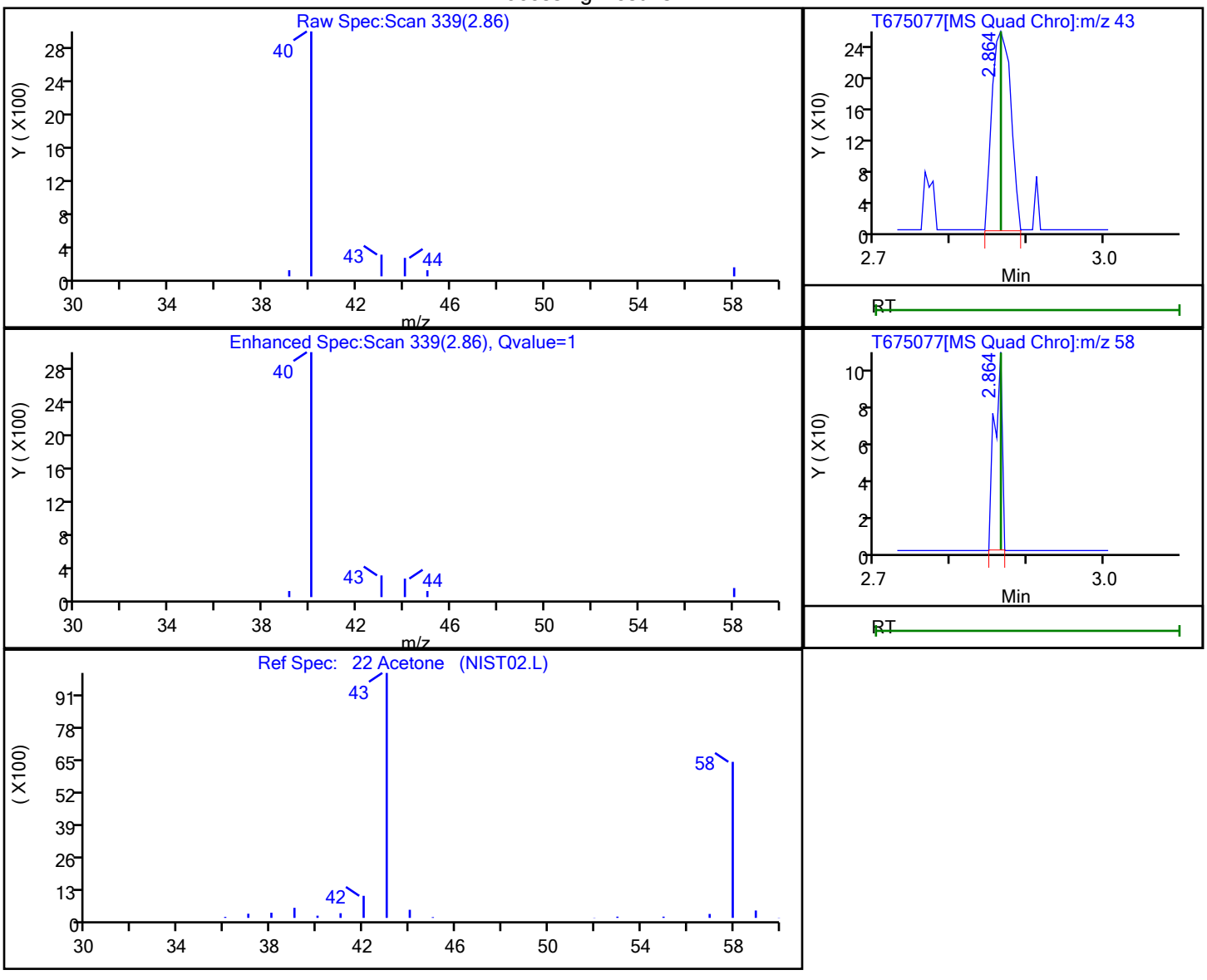
User Disabled Compound Report

Eurofins Edison

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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
2.86	43.00	442	0.404131
2.86	58.00	76	

Reviewer: W9CM, 13-Feb-2024 18:30:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

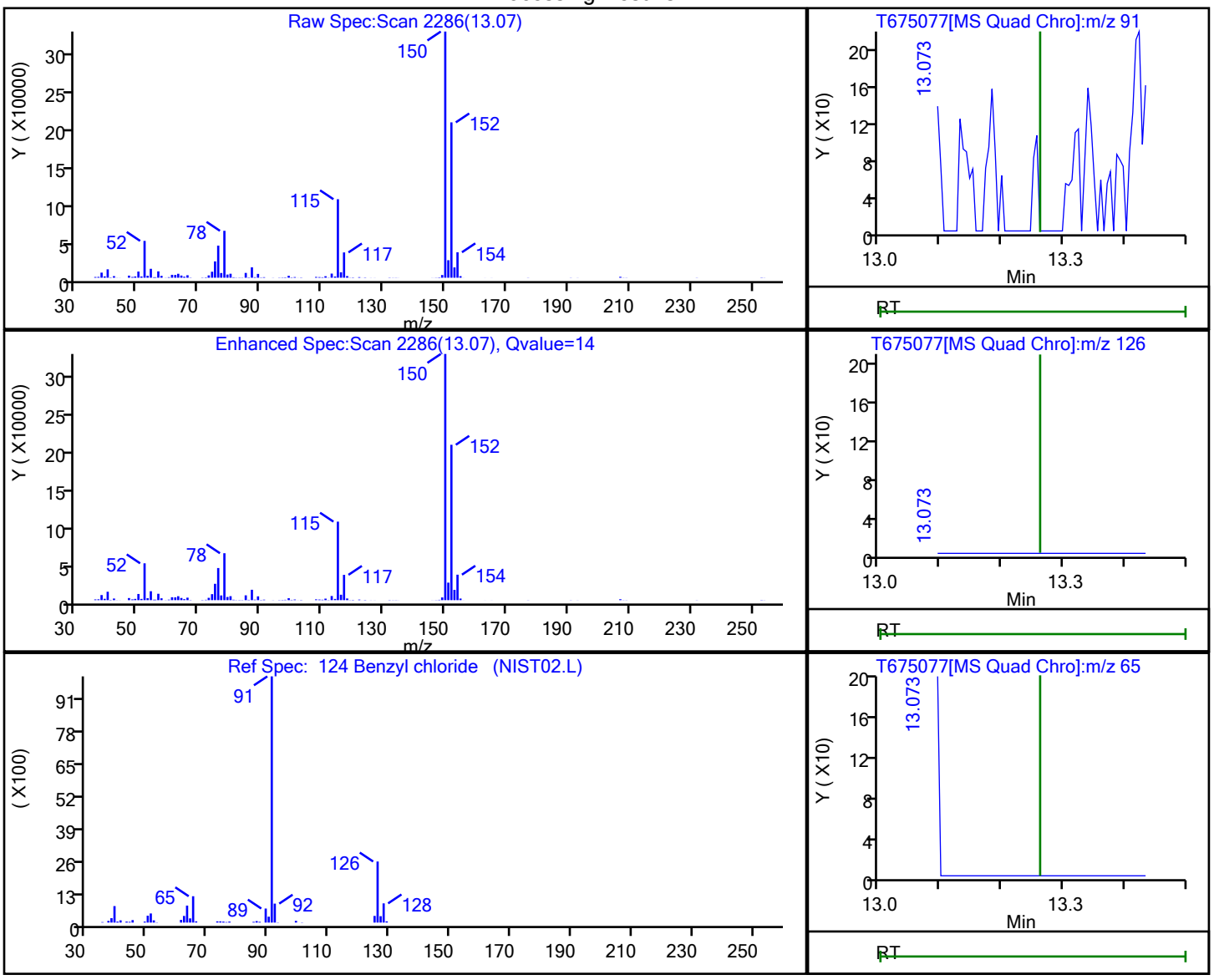
User Disabled Compound Report

Eurofins Edison

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Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
13.07	91.00	1012	0.115621
13.07	126.00	120	
13.07	65.00	1853	

Reviewer: W9CM, 13-Feb-2024 18:31:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

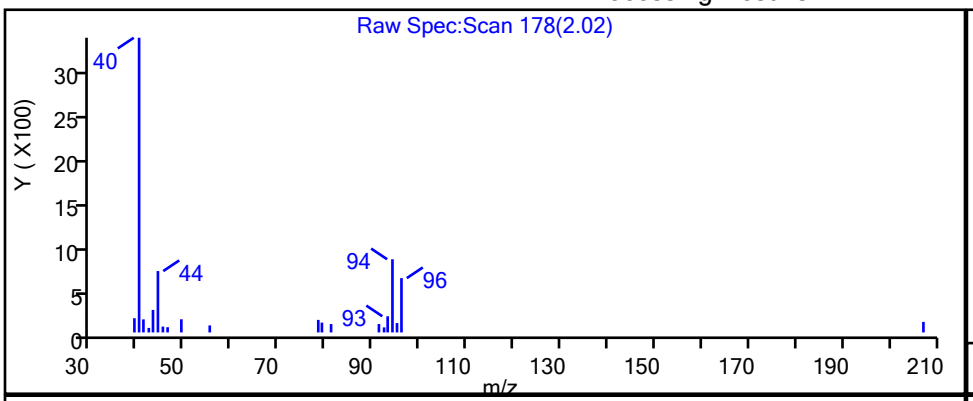
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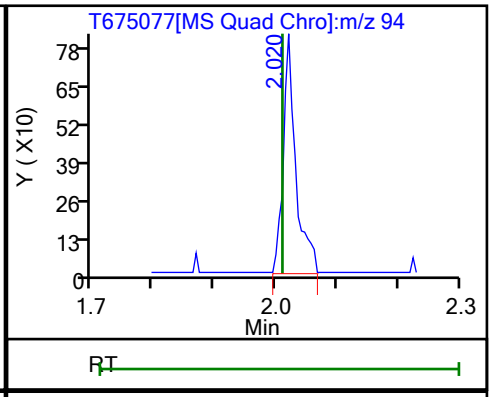
Eurofins Edison

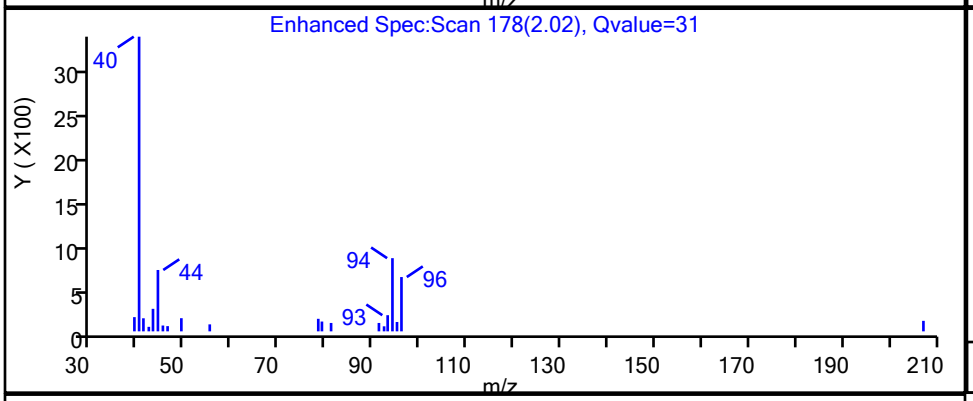
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

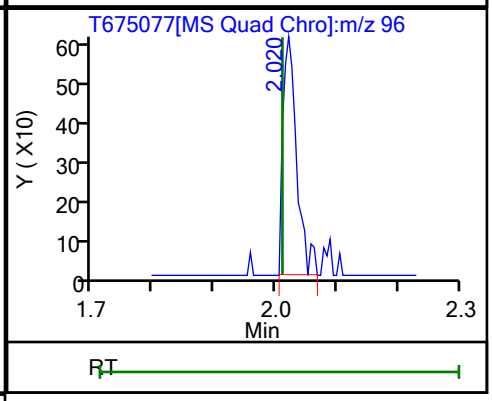
9 Bromomethane, CAS: 74-83-9

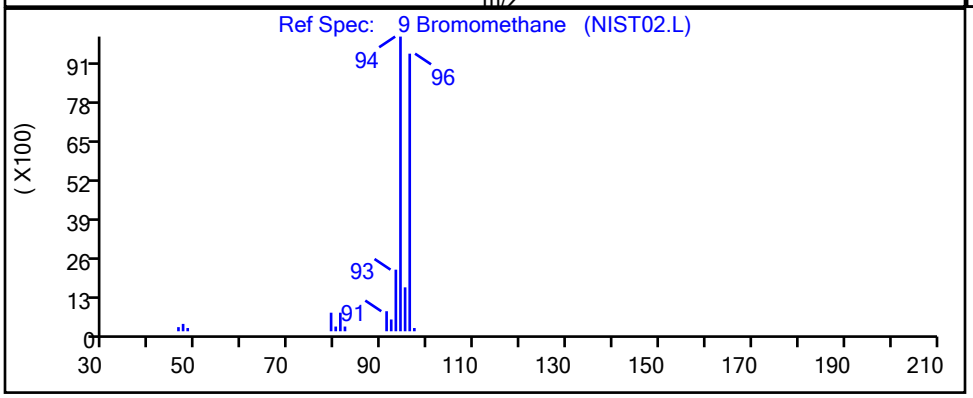
Processing Results











RT	Mass	Response	Amount
2.02	94.00	1171	0.727676
2.02	96.00	967	

Reviewer: HVW2, 13-Feb-2024 00:00:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

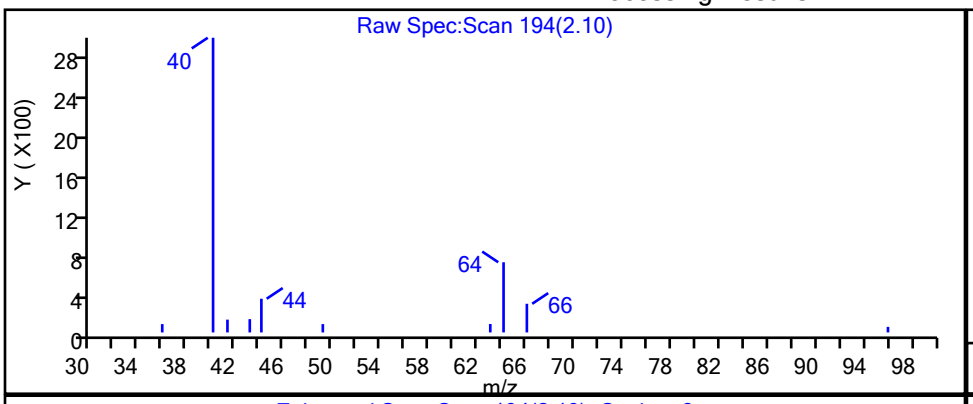
User Disabled Compound Report

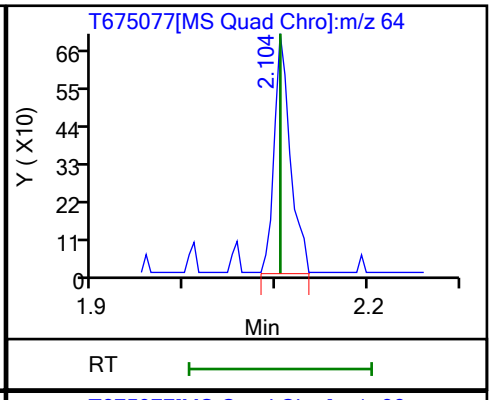
Eurofins Edison

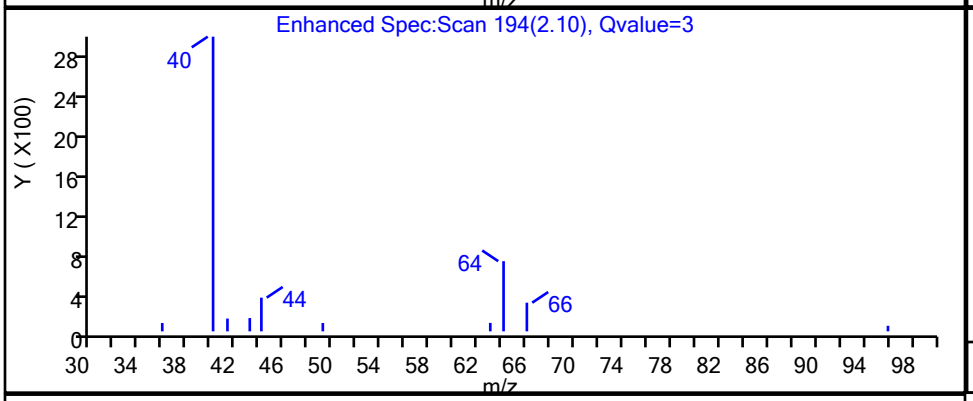
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

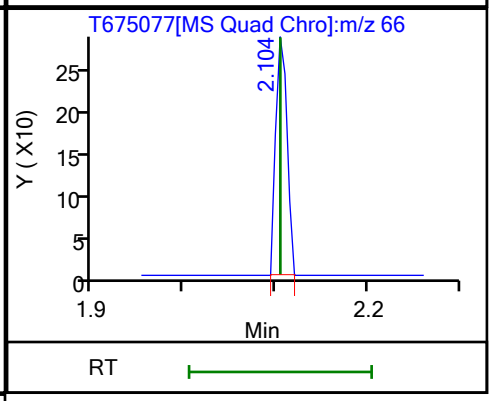
10 Chloroethane, CAS: 75-00-3

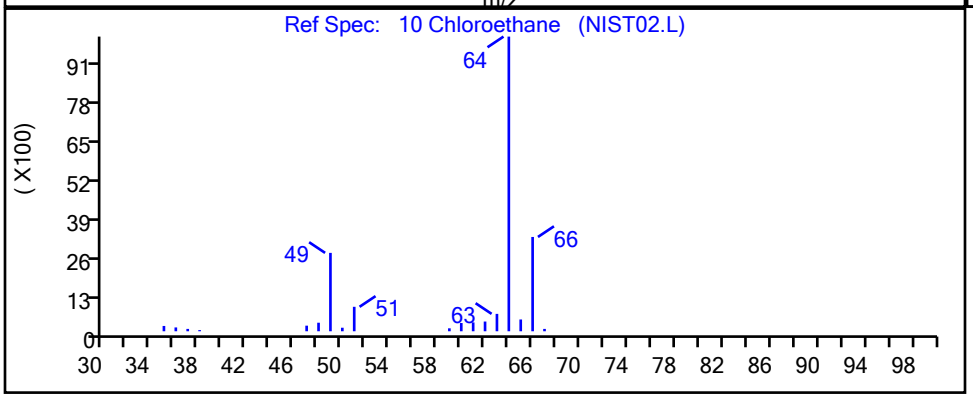
Processing Results











RT	Mass	Response	Amount
2.10	64.00	860	0.250000
2.10	66.00	250	

Reviewer: HVW2, 13-Feb-2024 00:00:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

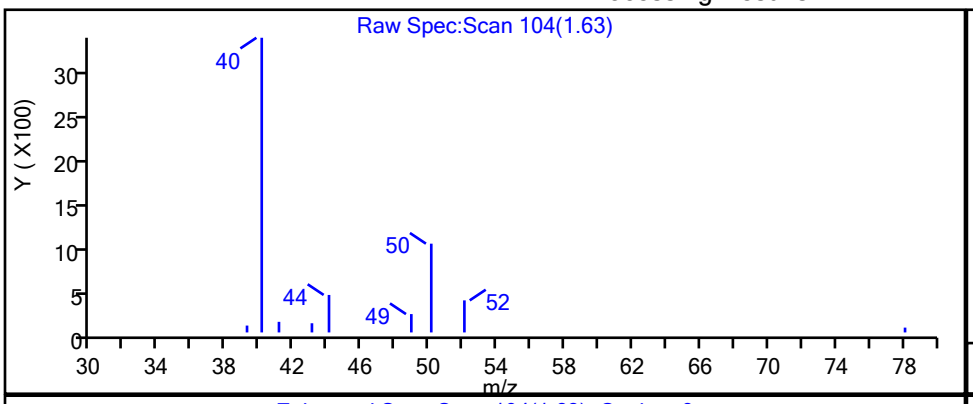
User Disabled Compound Report

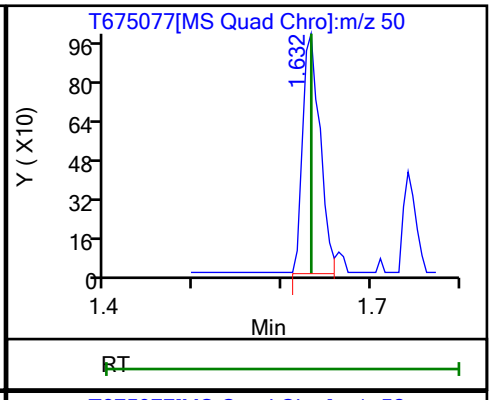
Eurofins Edison

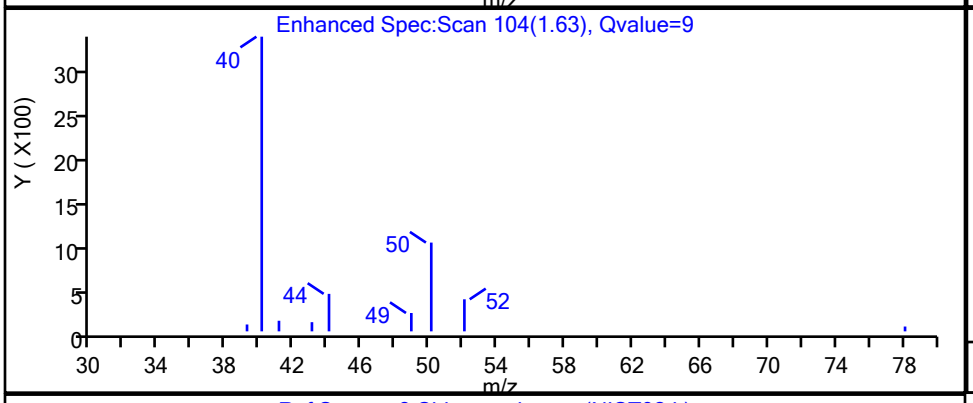
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

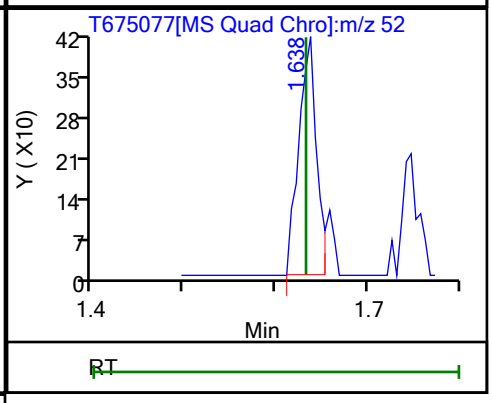
6 Chloromethane, CAS: 74-87-3

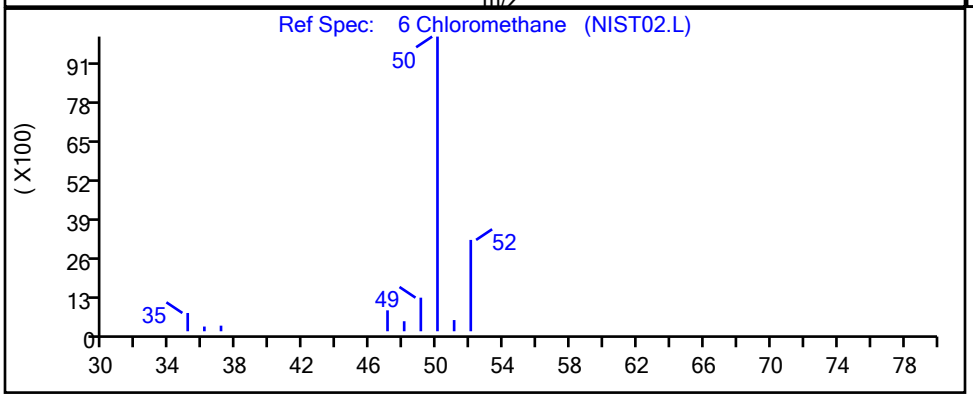
Processing Results











RT	Mass	Response	Amount
1.63	50.00	1358	0.250000
1.64	52.00	567	

Reviewer: HVW2, 13-Feb-2024 00:00:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

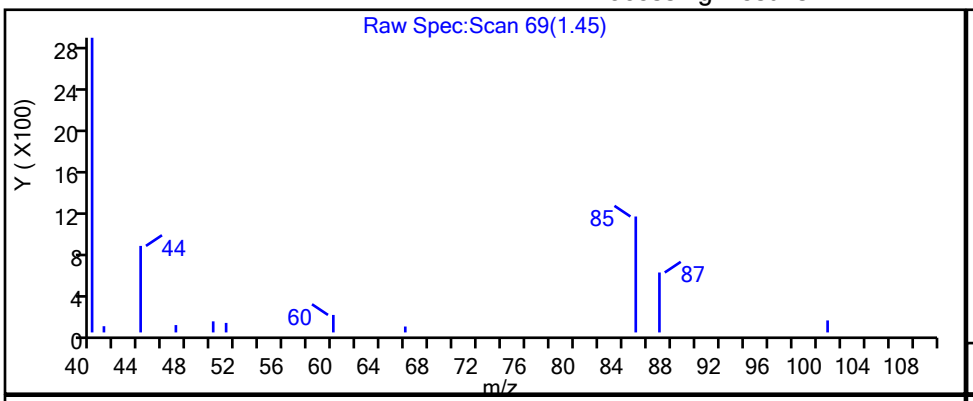
User Disabled Compound Report

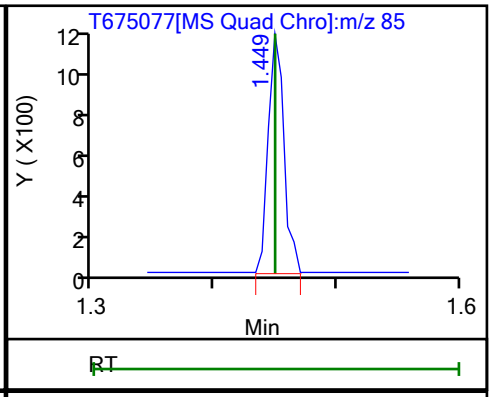
Eurofins Edison

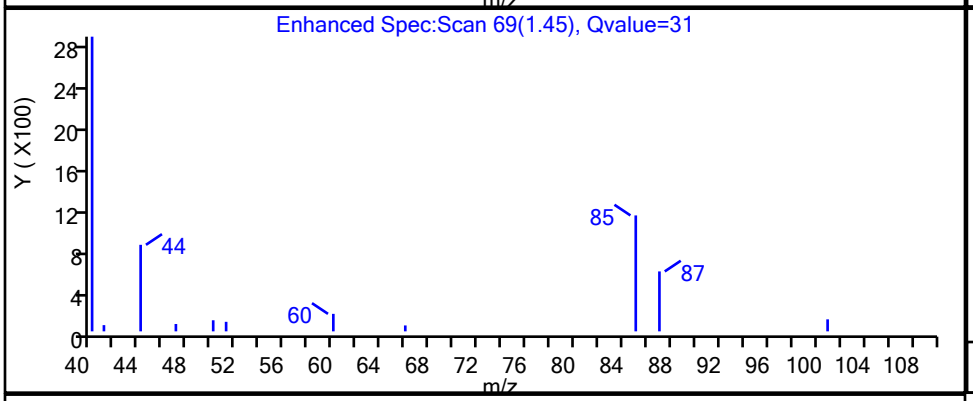
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

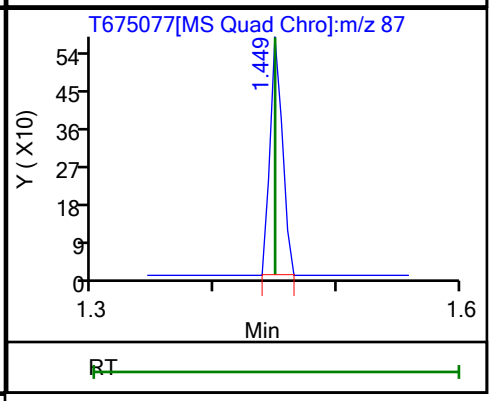
4 Dichlorodifluoromethane, CAS: 75-71-8

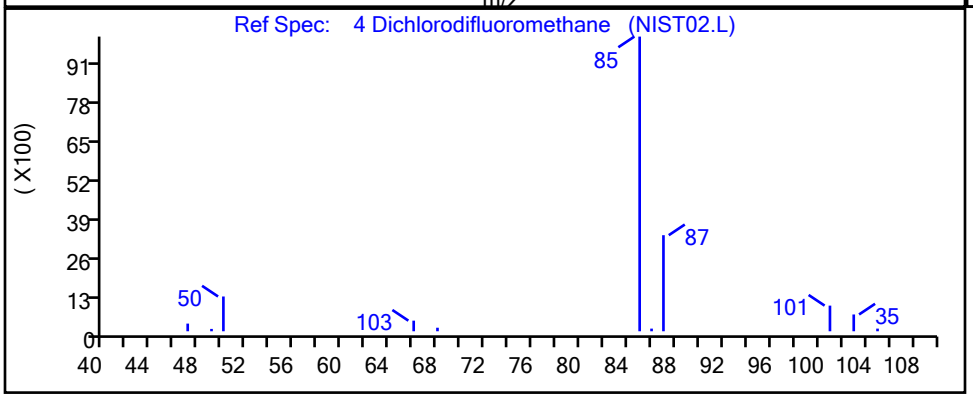
Processing Results











RT	Mass	Response	Amount
1.45	85.00	999	0.250000
1.45	87.00	409	

Reviewer: HVW2, 13-Feb-2024 00:00:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

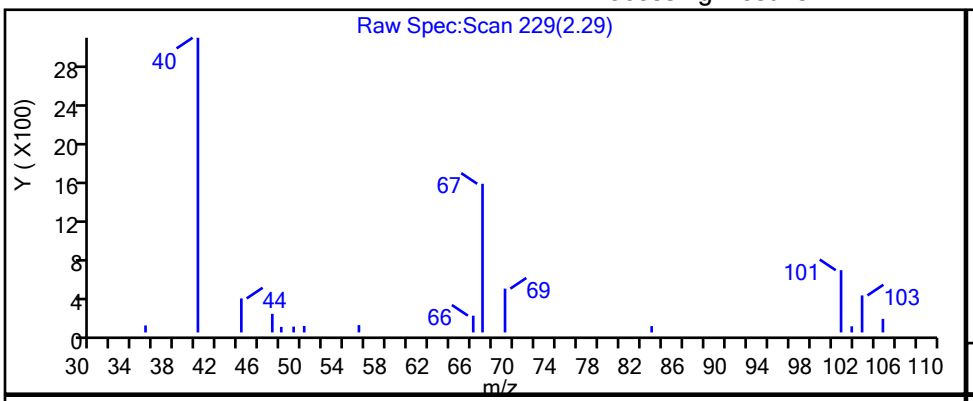
User Disabled Compound Report

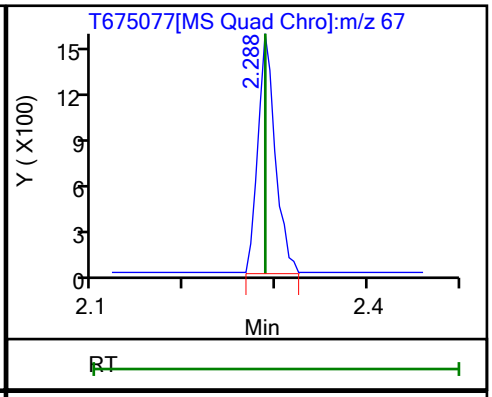
Eurofins Edison

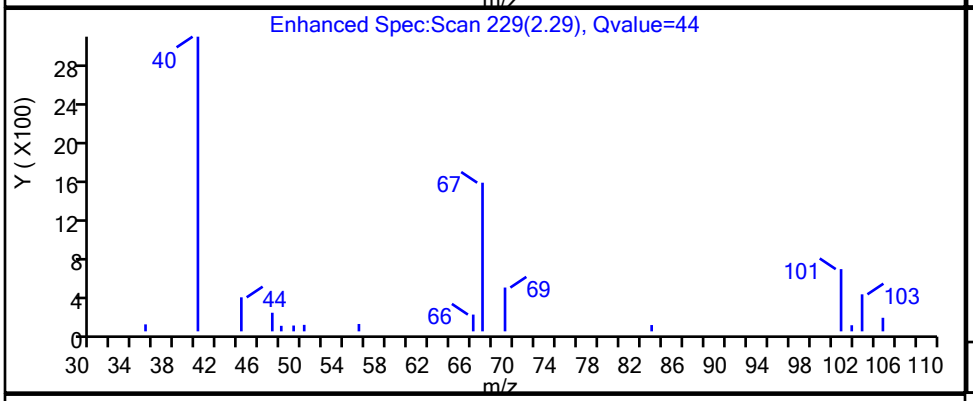
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

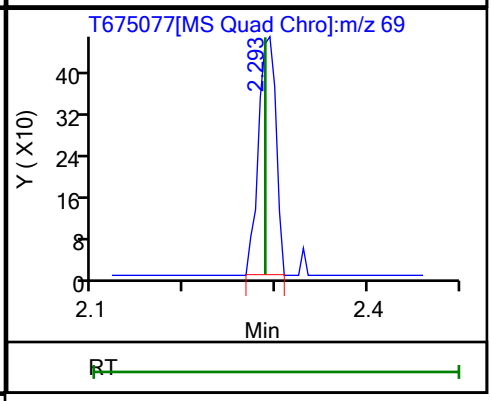
11 Dichlorofluoromethane, CAS: 75-43-4

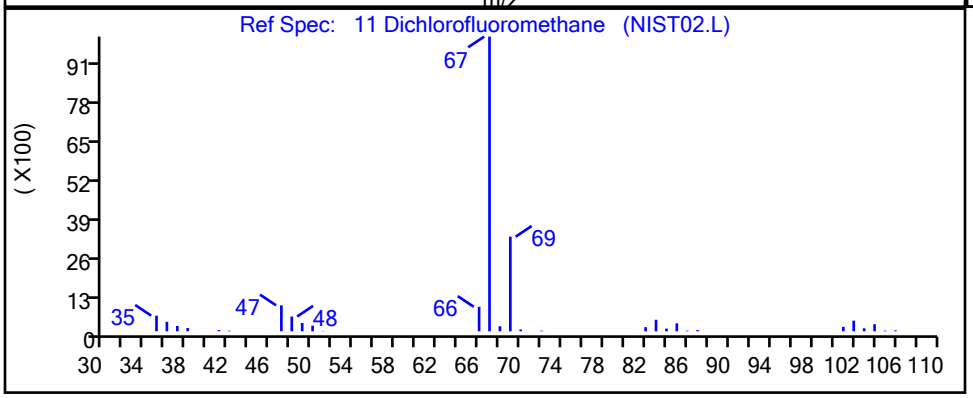
Processing Results











RT	Mass	Response	Amount
2.29	67.00	2004	0.250000
2.29	69.00	618	

Reviewer: HVW2, 13-Feb-2024 00:00:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

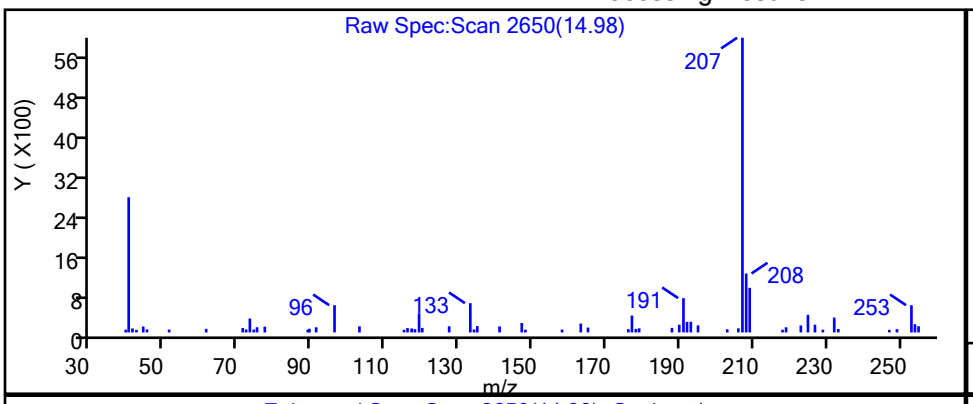
User Disabled Compound Report

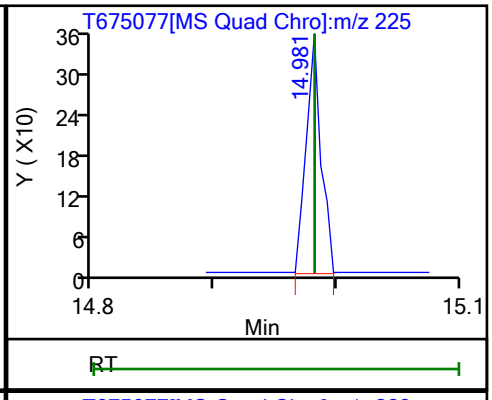
Eurofins Edison

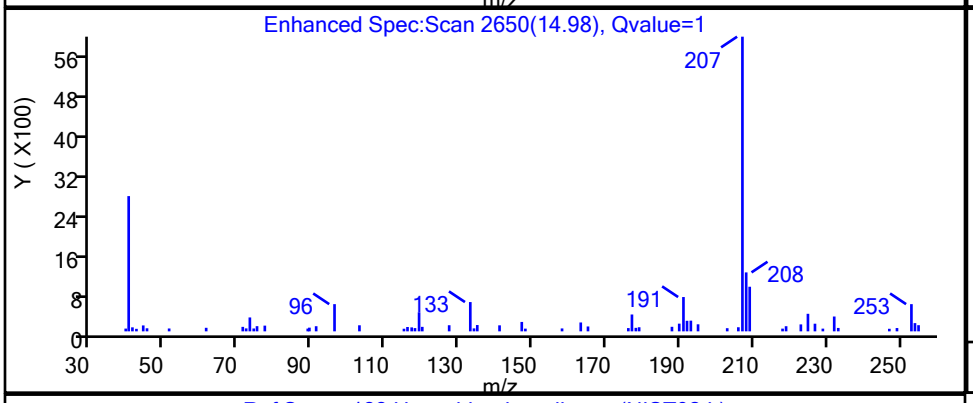
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

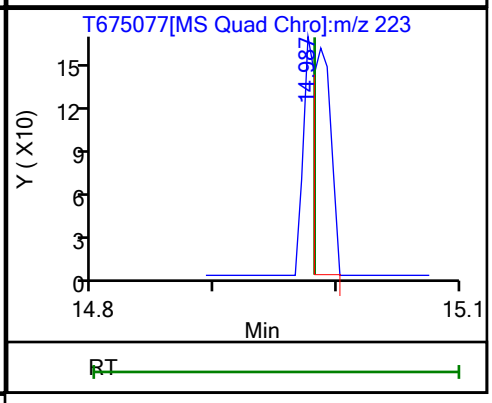
133 Hexachlorobutadiene, CAS: 87-68-3

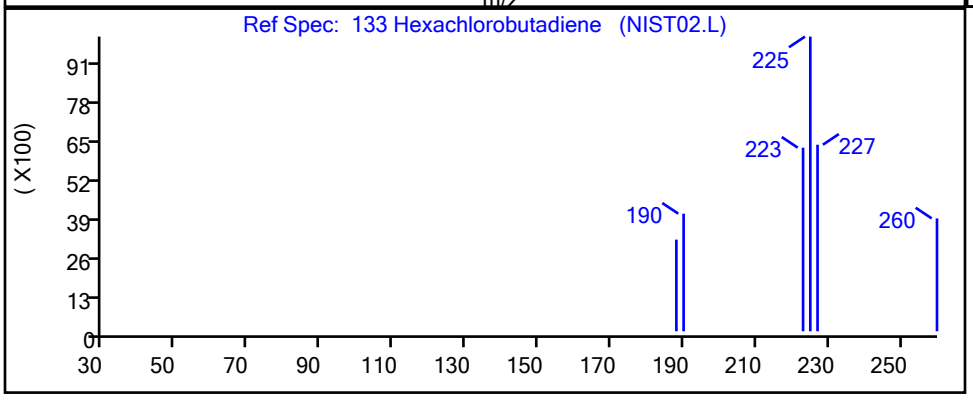
Processing Results











RT	Mass	Response	Amount
14.98	225.00	300	0.135962
14.99	223.00	163	

Reviewer: W9CM, 13-Feb-2024 18:31:08 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

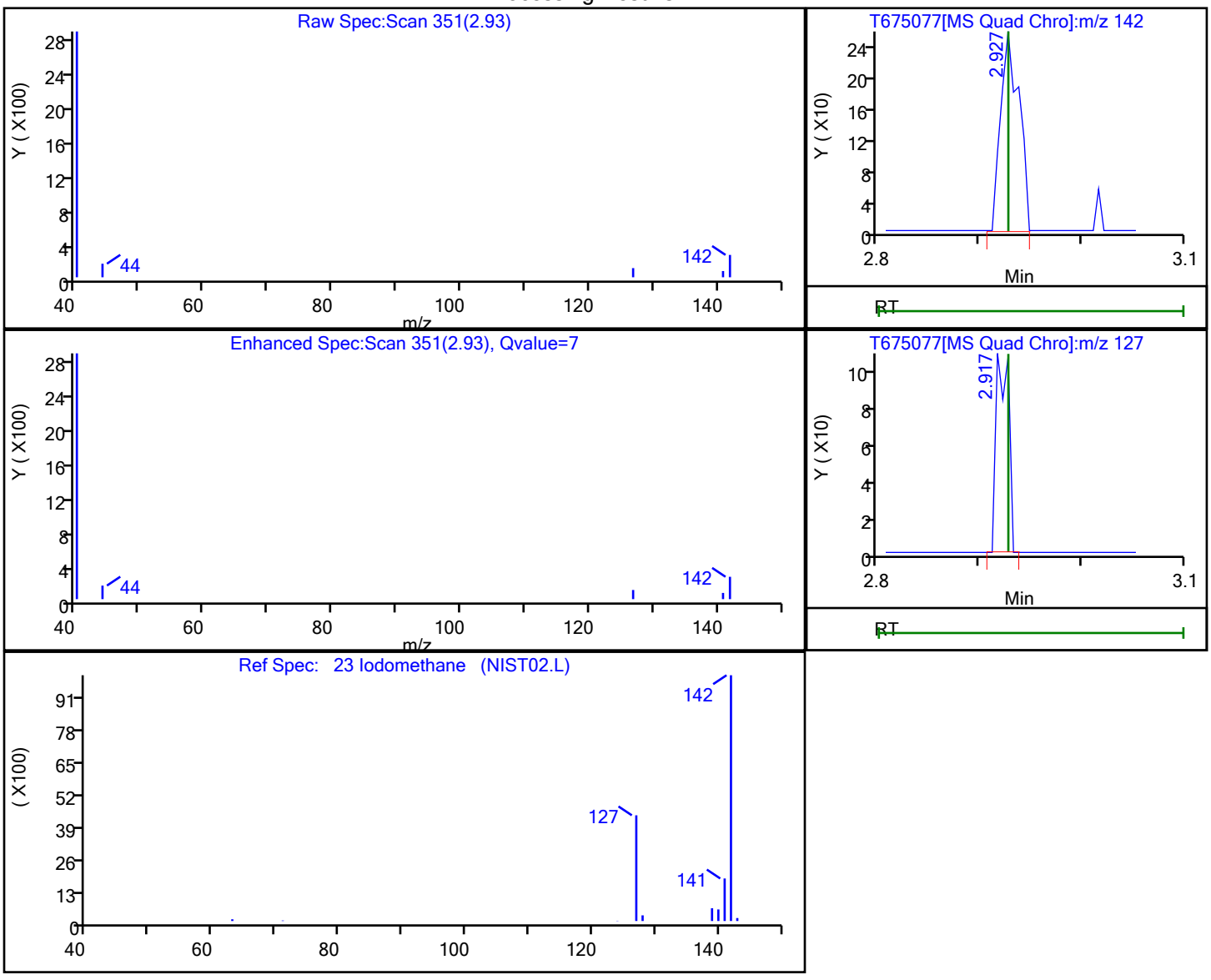
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.93	142.00	326	0.058942
2.92	127.00	93	

Reviewer: W9CM, 13-Feb-2024 18:30:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

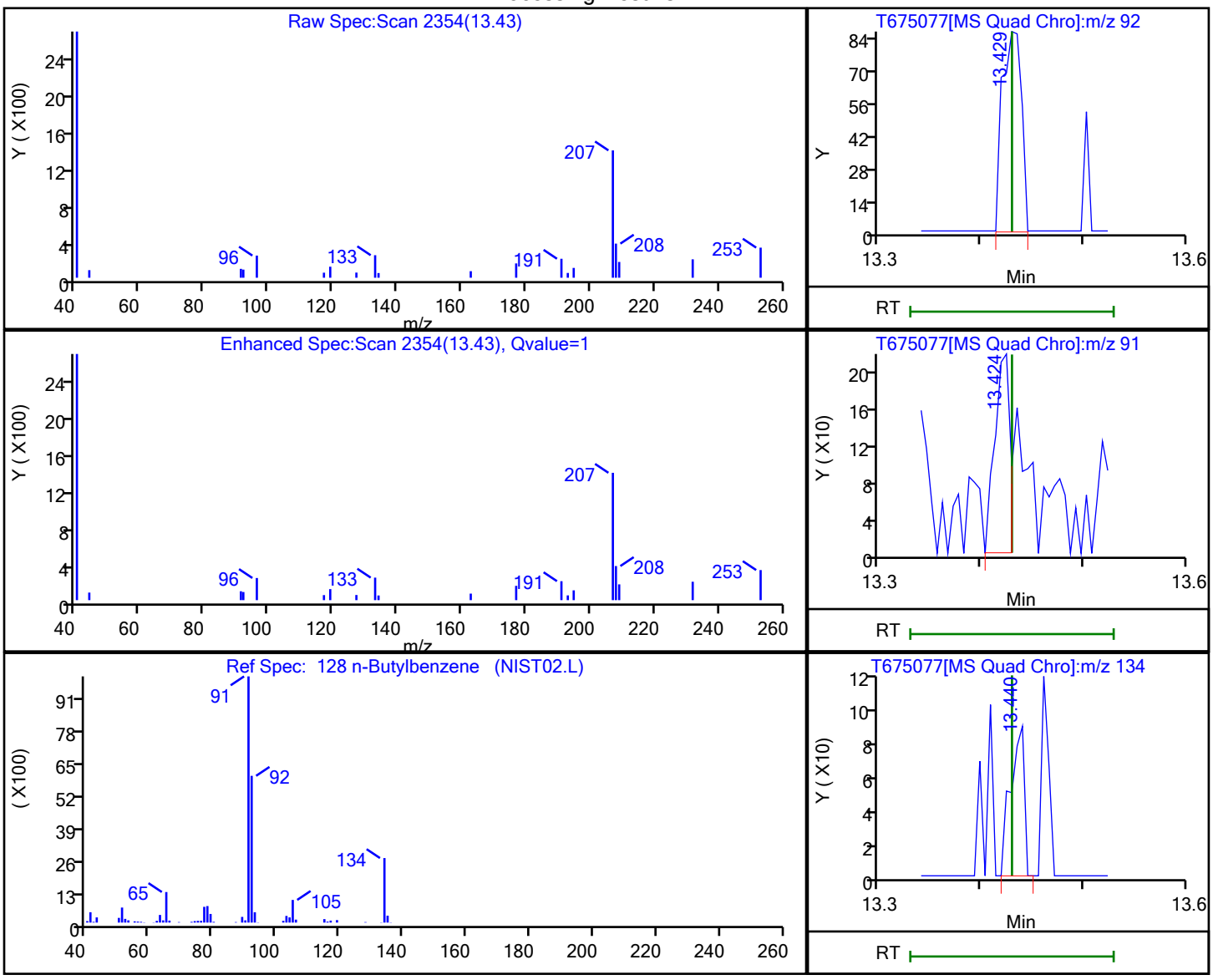
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
13.43	92.00	114	0.017598
13.42	91.00	233	
13.44	134.00	85	

Reviewer: W9CM, 13-Feb-2024 18:31:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

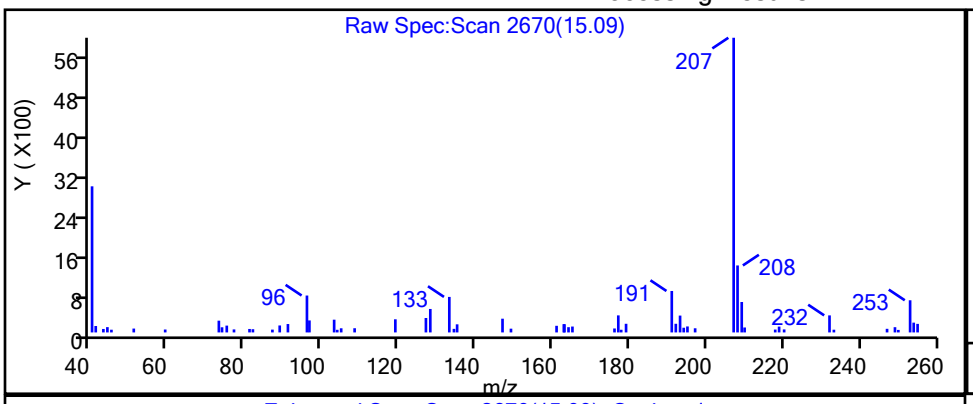
User Disabled Compound Report

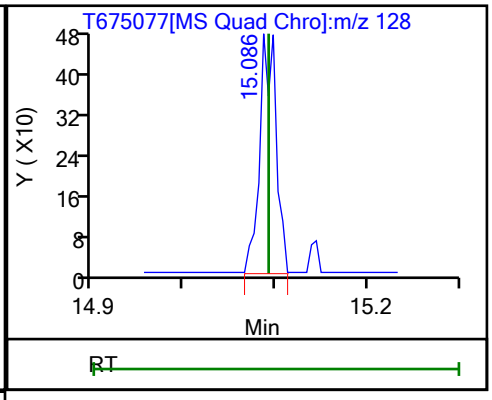
Eurofins Edison

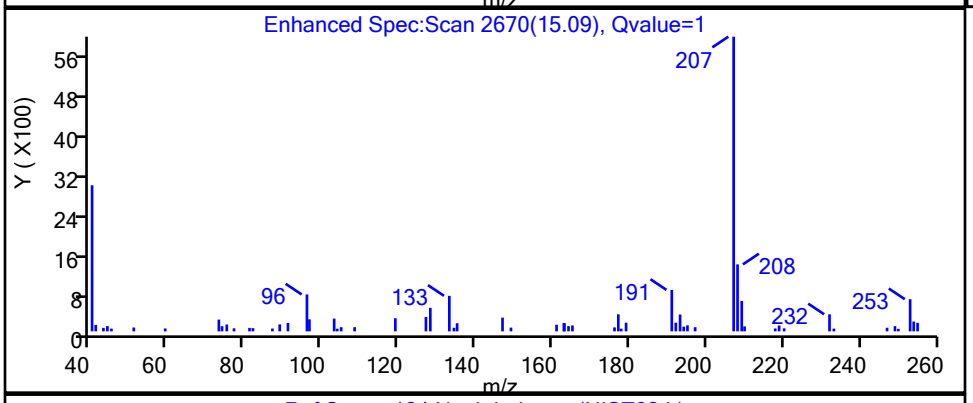
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D				
Injection Date:	12-Feb-2024 23:40:51	Instrument ID:	CVOAMS15		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

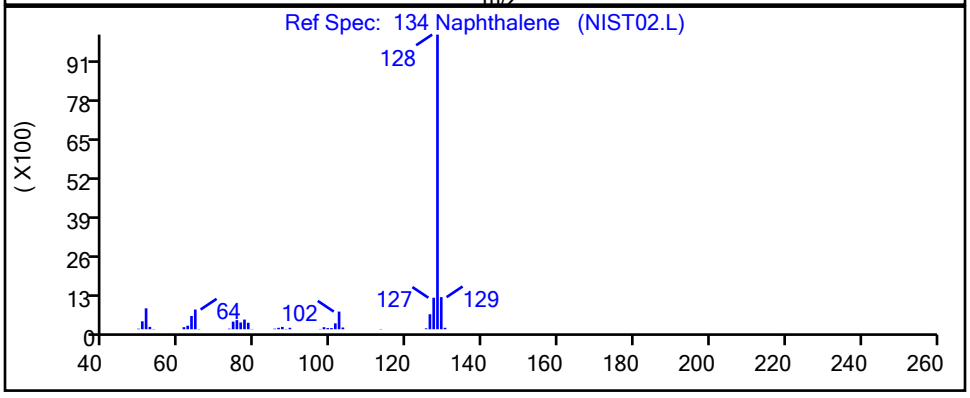
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
15.09	128.00	589	0.048579

Reviewer: W9CM, 13-Feb-2024 18:31:11 -05:00:00 (UTC)

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

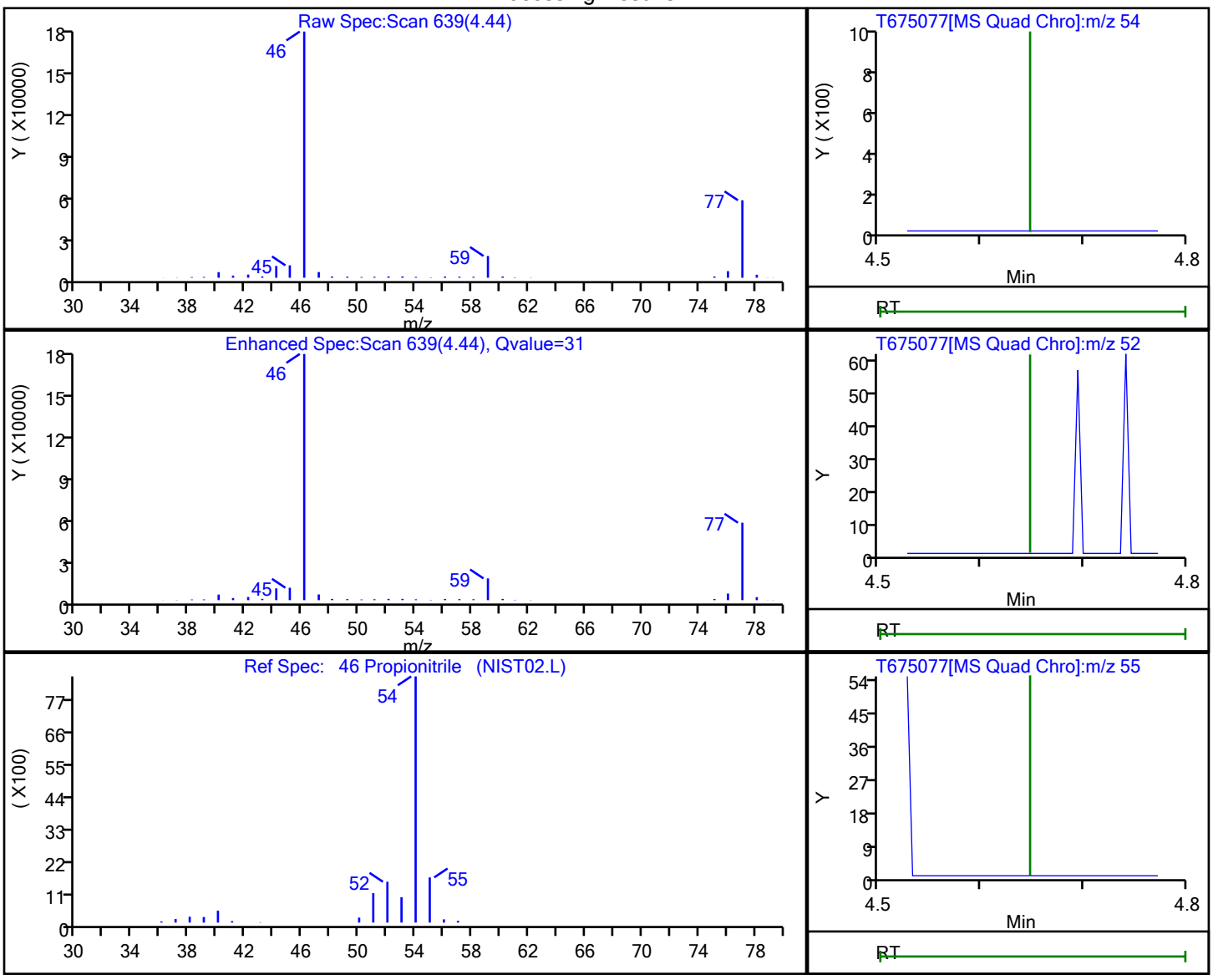
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.44	54.00	802	1.287859
4.44	52.00	1654	
4.43	55.00	295	

Reviewer: W9CM, 13-Feb-2024 18:30:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

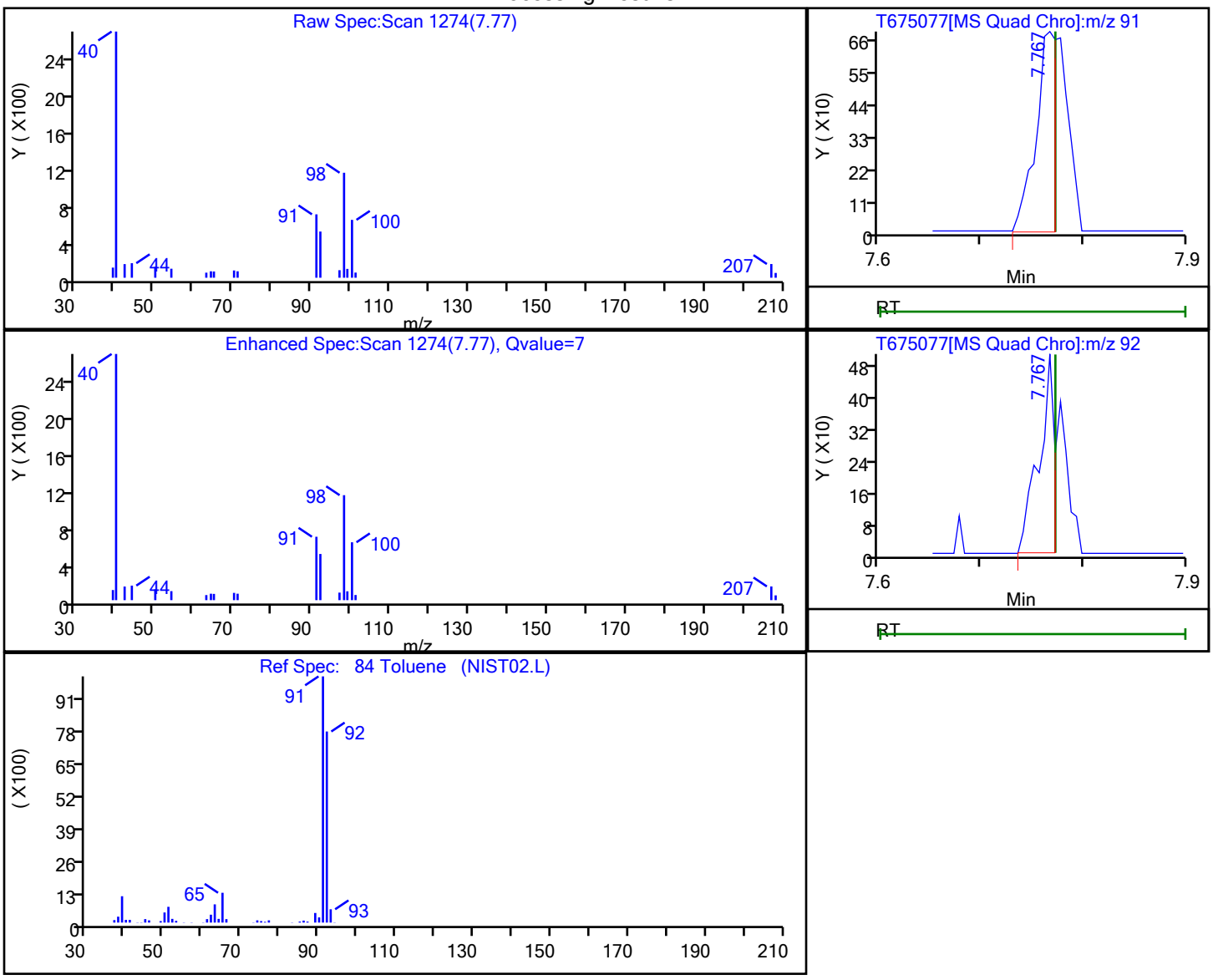
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 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
7.77	91.00	956	0.053829
7.77	92.00	527	

Reviewer: W9CM, 13-Feb-2024 18:30:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

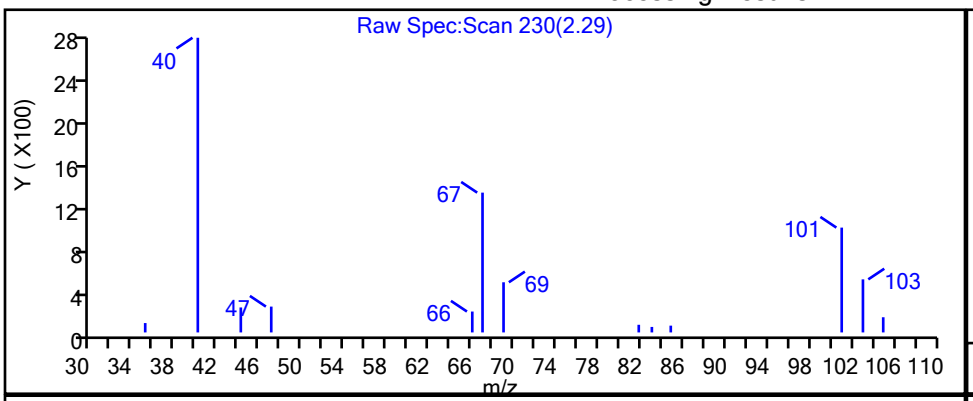
User Disabled Compound Report

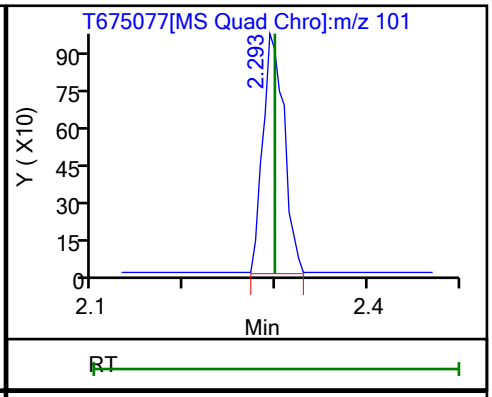
Eurofins Edison

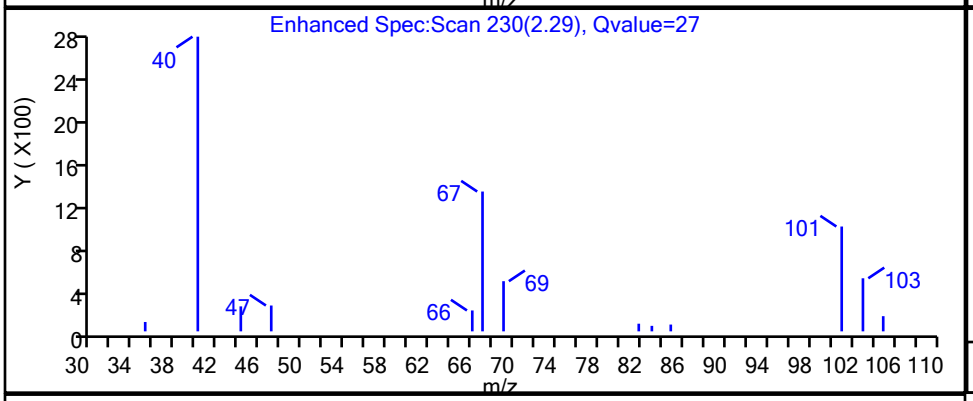
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

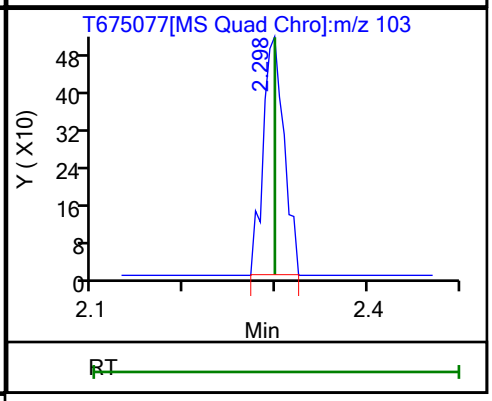
12 Trichlorofluoromethane, CAS: 75-69-4

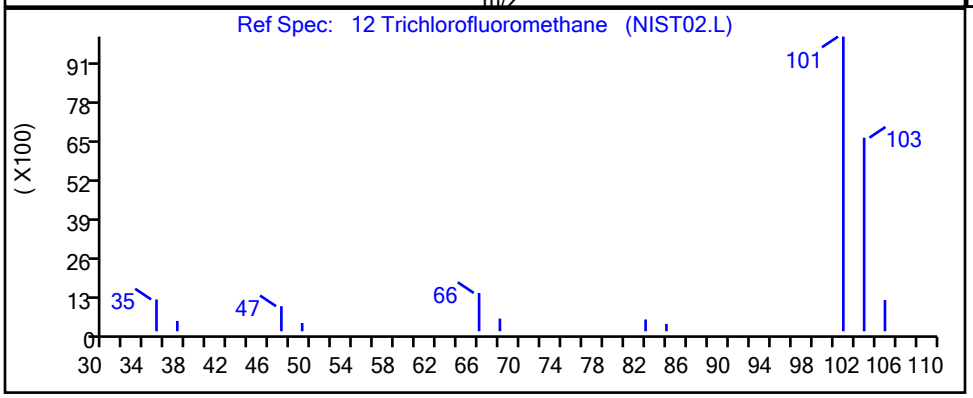
Processing Results











RT	Mass	Response	Amount
2.29	101.00	1565	0.250000
2.30	103.00	819	

Reviewer: HVW2, 13-Feb-2024 00:00:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

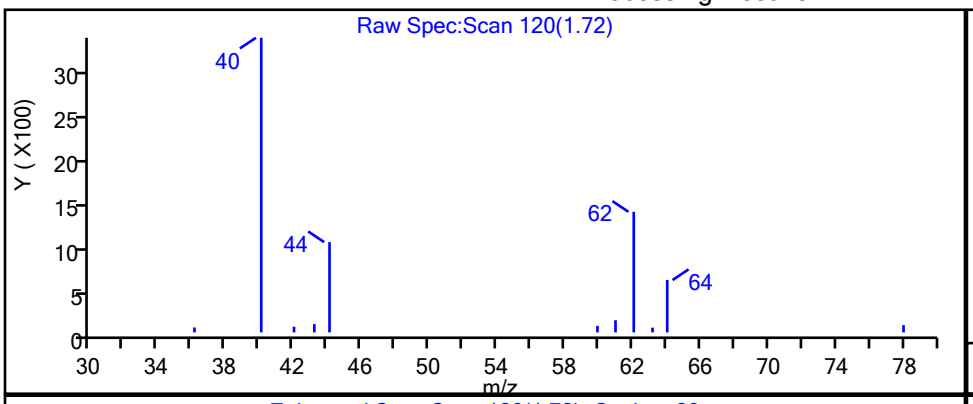
User Disabled Compound Report

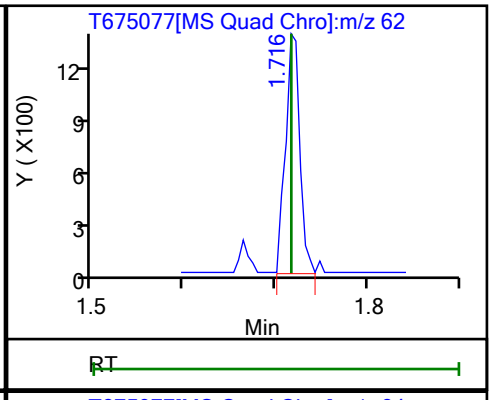
Eurofins Edison

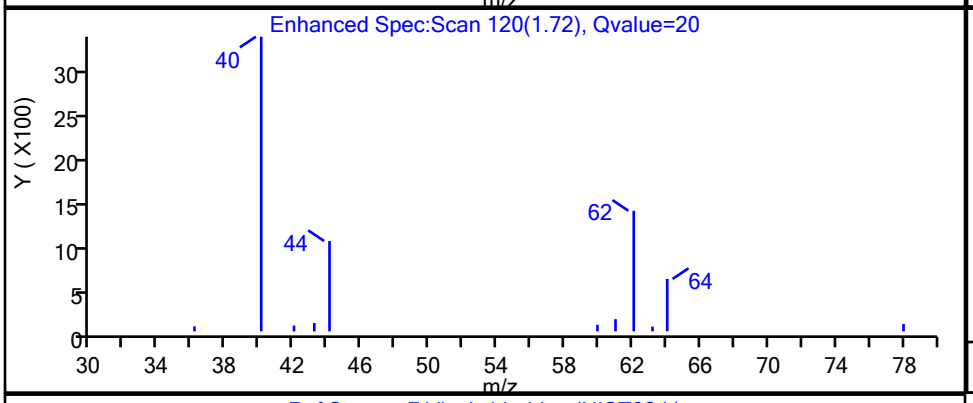
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675077.D
Injection Date: 12-Feb-2024 23:40:51 Instrument ID: CVOAMS15
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

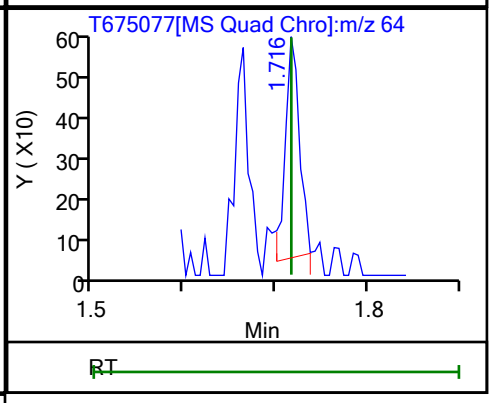
7 Vinyl chloride, CAS: 75-01-4

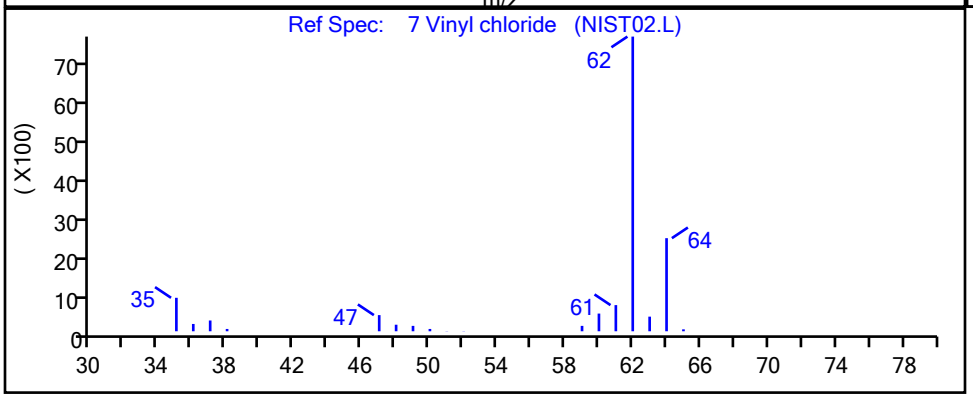
Processing Results











RT	Mass	Response	Amount
1.72	62.00	1476	0.250000
1.72	64.00	590	

Reviewer: HVW2, 13-Feb-2024 00:00:46 -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\CVOAMS15\20240212-172222.b\T675078.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 13-Feb-2024 00:03:34 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0172222-004
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:36 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 14-Feb-2024 21:01:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	1	93	0.5000	0.4704	Ma
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	1	365	0.5000	0.4617	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	58	1092	0.5000	0.5913	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	80	2384	0.5000	0.4561	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	48	391	0.5000	0.5767	
6 Chloromethane	50	1.633	1.633	0.001	64	2563	0.5000	0.5316	
7 Vinyl chloride	62	1.716	1.716	0.000	53	3012	0.5000	0.5025	
8 Butadiene	54	1.748	1.748	0.000	67	2489	0.5000	0.5046	
9 Bromomethane	94	2.015	2.010	0.005	42	1418	0.5000	0.9762	
10 Chloroethane	64	2.104	2.104	0.000	38	1323	0.5000	0.4420	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	73	4194	0.5000	0.5154	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	61	2919	0.5000	0.4543	
13 Pentane	72	2.346	2.346	0.000	87	604	1.00	0.99	
14 Ethanol	46	2.508	2.503	0.005	18	334	20.0	17.6	
15 Ethyl ether	59	2.550	2.550	0.000	70	2500	0.5000	0.4993	
17 2-Methyl-1,3-butadiene	53	2.566	2.571	-0.005	43	1520	0.5000	0.5288	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.000	34	1979	0.5000	0.5557	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	50	3088	0.5000	0.5353	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.739	2.728	0.011	21	1667	0.5000	0.4685	
19 Acrolein	56	2.728	2.734	-0.006	29	1371	2.00	1.96	
20 1,1-Dichloroethene	96	2.770	2.765	0.005	47	2095	0.5000	0.5346	
22 Acetone	43	2.865	2.865	0.000	48	2751	2.50	2.51	
23 Iodomethane	142	2.928	2.928	0.000	17	1037	0.5000	0.1881	
25 Isopropyl alcohol	45	2.959	2.959	0.000	19	1114	5.00	5.16	
24 Carbon disulfide	76	2.964	2.959	0.005	97	6738	0.5000	0.5221	
27 3-Chloro-1-propene	76	3.116	3.111	0.005	47	1327	0.5000	0.5656	
28 Methyl acetate	43	3.127	3.127	0.000	61	2472	1.00	0.99	
29 Cyclopentene	67	3.132	3.132	0.000	63	4048	0.5000	0.5215	
26 Acetonitrile	41	3.179	3.179	0.000	45	2474	5.00	5.49	Ma
* 31 TBA-d9 (IS)	66	3.232	3.231	0.001	96	63267	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	3.247	3.247	0.000	22	2390	0.5000	0.5067	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	39	2221	5.00	5.52	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	79	5047	0.5000	0.4776	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	63	2149	0.5000	0.4882	
33 Acrylonitrile	53	3.531	3.541	-0.010	95	7501	5.00	4.96	
36 Hexane	57	3.620	3.630	-0.010	36	1627	0.5000	0.4442	
40 Isopropyl ether	45	3.861	3.861	0.000	77	4324	0.5000	0.4683	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	63	3485	0.5000	0.5062	
38 Vinyl acetate	86	3.913	3.913	0.000	74	656	1.00	1.13	
39 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	30	1793	0.5000	0.4852	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	62	4240	0.5000	0.4229	
* 42 2-Butanone-d5	46	4.438	4.437	0.001	64	343830	250.0	250.0	
44 2,2-Dichloropropane	97	4.464	4.448	0.016	45	786	0.5000	0.5340	a
43 cis-1,2-Dichloroethene	96	4.474	4.480	-0.006	28	2428	0.5000	0.4864	
45 2-Butanone (MEK)	72	4.501	4.500	0.001	95	1335	2.50	2.36	
47 Ethyl acetate	70	4.516	4.511	0.005	78	447	1.00	0.9749	
48 Methyl acrylate	55	4.574	4.569	0.005	33	1631	0.5000	0.4726	
46 Propionitrile	54	4.653	4.647	0.006	50	2976	5.00	4.99	a
49 Chlorobromomethane	128	4.736	4.736	0.000	48	1199	0.5000	0.4784	
51 Tetrahydrofuran	72	4.736	4.736	0.000	35	573	1.00	1.00	
50 Methacrylonitrile	67	4.773	4.768	0.005	71	8527	5.00	4.61	
52 Chloroform	83	4.805	4.799	0.006	56	3623	0.5000	0.4938	
55 Cyclohexane	84	4.941	4.941	0.000	45	2567	0.5000	0.4846	
54 1,1,1-Trichloroethane	97	4.962	4.957	0.005	18	3345	0.5000	0.5300	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	96	175786	50.0	50.2	
56 Carbon tetrachloride	117	5.093	5.093	0.000	47	2684	0.5000	0.4630	
57 1,1-Dichloropropene	75	5.140	5.135	0.005	62	2929	0.5000	0.5273	
59 Isobutyl alcohol	43	5.287	5.282	0.005	7	2529	12.5	13.0	a
62 Isooctane	57	5.334	5.329	0.005	41	3238	0.5000	0.4607	
60 Benzene	78	5.366	5.360	0.006	42	8070	0.5000	0.5262	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	90	158452	50.0	50.7	
64 Tert-amyl methyl ether	73	5.450	5.444	0.006	63	4299	0.5000	0.4067	
63 Isopropyl acetate	61	5.434	5.444	-0.010	58	798	0.5000	0.4018	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	51	2767	0.5000	0.5724	
66 n-Heptane	43	5.544	5.549	-0.005	40	1276	0.5000	0.5201	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	572301	50.0	50.0	
68 n-Butanol	56	6.079	6.068	0.011	2	980	12.5	10.3	a
67 Trichloroethene	95	6.115	6.110	0.005	40	2101	0.5000	0.4499	
70 Methylcyclohexane	83	6.246	6.257	-0.011	36	2555	0.5000	0.4831	a
69 Ethyl acrylate	55	6.278	6.267	0.011	27	3573	0.5000	0.4573	a
71 1,2-Dichloropropane	63	6.451	6.456	-0.005	36	1933	0.5000	0.4890	
* 73 1,4-Dioxane-d8	96	6.519	6.519	0.000	1	53476	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	44	1053	1.00	0.9133	
74 1,4-Dioxane	88	6.593	6.587	0.006	32	1404	25.0	25.7	
72 Dibromomethane	93	6.608	6.603	0.005	35	1335	0.5000	0.4614	
76 n-Propyl acetate	43	6.629	6.629	0.000	39	1902	0.5000	0.4413	
77 Dichlorobromomethane	83	6.781	6.786	-0.005	40	2591	0.5000	0.4564	
78 2-Nitropropane	41	7.201	7.190	0.011	13	1026	1.00	1.23	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	3	179	0.5012	0.5245	M
80 Epichlorohydrin	57	7.321	7.321	0.000	51	2907	10.0	9.53	
81 cis-1,3-Dichloropropene	75	7.384	7.389	-0.005	43	3092	0.5000	0.4730	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	80	6401	2.50	2.32	

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	7.678	7.678	0.000	98	580140	50.0	50.8	
84 Toluene	91	7.767	7.772	-0.005	86	9937	0.5000	0.5714	
85 trans-1,3-Dichloropropene	75	8.207	8.202	0.005	29	2602	0.5000	0.4482	
86 Ethyl methacrylate	69	8.255	8.249	0.006	4	2003	0.5000	0.4538	
87 1,1,2-Trichloroethane	83	8.449	8.459	-0.010	16	1697	0.5000	0.5153	
88 Tetrachloroethene	166	8.496	8.496	0.000	43	2275	0.5000	0.4746	
89 1,3-Dichloropropane	76	8.716	8.711	0.005	22	1968	0.5000	0.3451	a
90 2-Hexanone	43	8.795	8.805	-0.010	76	4628	2.50	2.32	a
93 n-Butyl acetate	43	8.952	8.947	0.005	45	2134	0.5000	0.5040	
91 Chlorodibromomethane	129	8.989	8.983	0.006	21	2251	0.5000	0.4830	
92 Ethylene Dibromide	107	9.156	9.162	-0.006	8	1827	0.5000	0.4491	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	81	498830	50.0	50.0	
95 Chlorobenzene	112	9.875	9.880	-0.005	54	5420	0.5000	0.4833	
97 Ethylbenzene	106	10.011	10.016	-0.005	83	2852	0.5000	0.4890	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	26	1394	0.5000	0.3534	
98 m-Xylene & p-Xylene	106	10.216	10.210	0.006	79	3852	0.5000	0.5445	
99 o-Xylene	106	10.855	10.850	0.005	84	3532	0.5000	0.5081	
101 n-Butyl acrylate	73	10.866	10.871	-0.005	47	1209	0.5000	0.4288	
100 Styrene	104	10.902	10.902	0.000	84	5536	0.5000	0.4954	
102 Bromoform	173	11.217	11.217	0.000	44	2003	0.5000	0.5371	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	42	2205	0.5000	0.4692	
104 Isopropylbenzene	105	11.427	11.427	0.000	77	8272	0.5000	0.4998	
$ 105 4-Bromofluorobenzene	174	11.705	11.704	0.001	96	231337	50.0	52.2	
106 Bromobenzene	156	11.872	11.878	-0.006	71	2497	0.5000	0.4775	
107 1,1,2,2-Tetrachloroethane	83	11.961	11.967	-0.006	37	2319	0.5000	0.4820	
110 N-Propylbenzene	91	11.998	11.993	0.005	95	10047	0.5000	0.5036	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	50	753	0.5000	0.5028	
109 trans-1,4-Dichloro-2-butene	53	12.051	12.056	-0.005	12	593	0.5000	0.5219	
111 2-Chlorotoluene	91	12.124	12.124	0.000	75	6632	0.5000	0.5034	
112 4-Ethyltoluene	105	12.150	12.150	0.000	87	8216	0.5000	0.4913	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	86	6443	0.5000	0.4871	
113 4-Chlorotoluene	91	12.271	12.271	0.000	83	6585	0.5000	0.5029	
115 Butyl Methacrylate	87	12.386	12.391	-0.005	36	2101	0.5000	0.4476	
116 tert-Butylbenzene	119	12.601	12.601	0.000	79	5740	0.5000	0.5044	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.001	83	6338	0.5000	0.4645	
118 sec-Butylbenzene	105	12.848	12.848	0.000	88	8059	0.5000	0.5008	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	89	4073	0.5000	0.4673	a
122 4-Isopropyltoluene	119	13.015	13.015	0.000	77	6624	0.5000	0.4843	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	286295	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	53	4563	0.5000	0.5127	a
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	85	6871	0.5000	0.4946	
124 Benzyl chloride	91	13.262	13.262	0.000	86	4434	0.5000	0.5126	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	82	7159	0.5000	0.4960	
127 p-Diethylbenzene	119	13.409	13.409	0.000	85	4165	0.5000	0.5050	
128 n-Butylbenzene	92	13.430	13.430	0.000	89	3064	0.5000	0.4786	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	82	3639	0.5000	0.4612	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	86	5250	0.5000	0.4575	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	1	573	0.5000	0.4498	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	58	2286	0.5000	0.4349	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	34	2292	0.5000	0.4950	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	17	1274	0.5000	0.5843	
134 Naphthalene	128	15.092	15.092	0.000	83	5862	0.5000	0.4893	

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	15.280	15.280	0.000	31	2020	0.5000	0.5054	
S 136 1,2-Dichloroethene, Total	100				0		1.00	0.9746	
S 137 Xylenes, Total	100				0		1.00	1.05	
S 140 Total BTEX	1				0		2.50	2.64	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9212	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00014	Amount Added:	5.00	Units: uL	
GASES Li_00571	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	5.00	Units: uL	
ACROLEIN W_00165	Amount Added:	2.00	Units: uL	
14DIOXINTER_00165	Amount Added:	15.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:37 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D

Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15

Lims ID: STD05

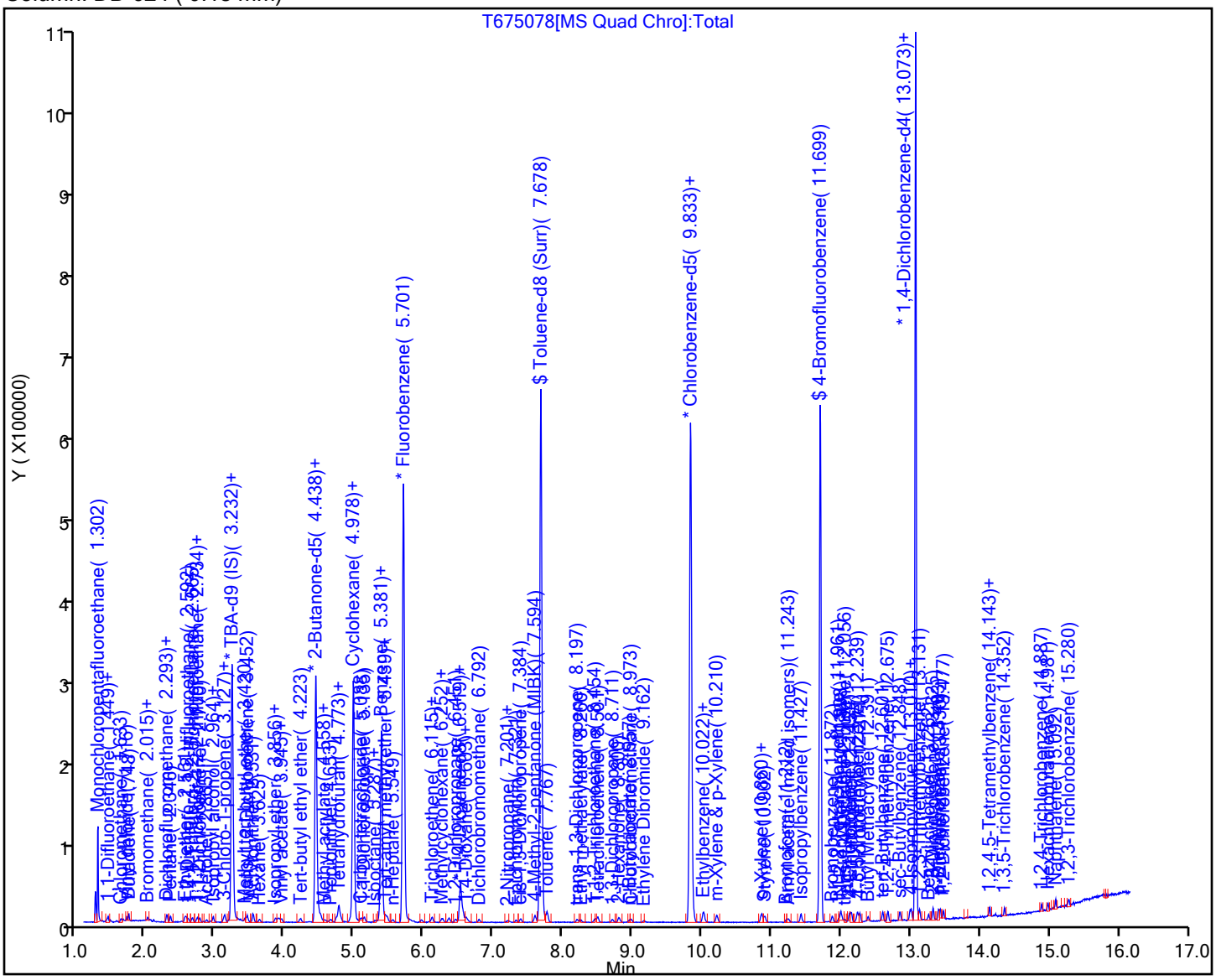
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

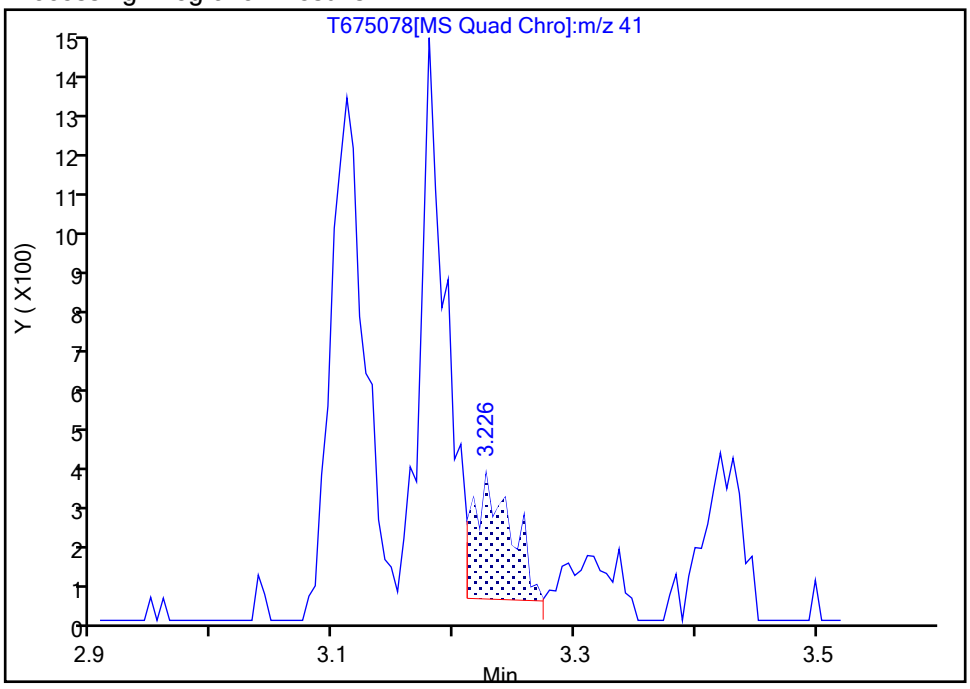
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Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

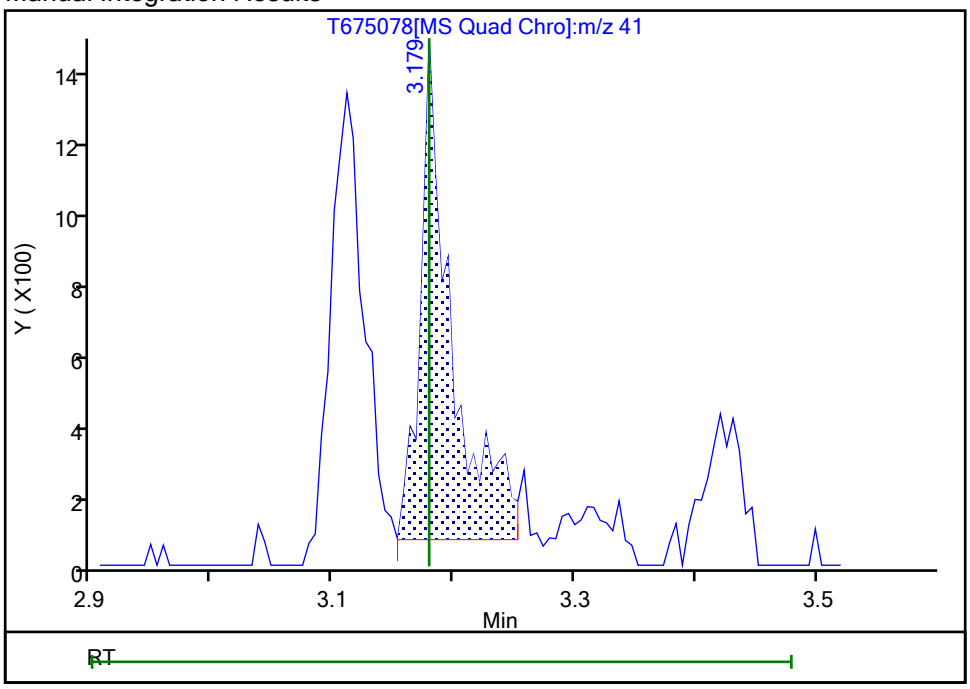
Processing Integration Results

RT: 3.23
Area: 680
Amount: 1.648277
Amount Units: ug/l



Manual Integration Results

RT: 3.18
Area: 2474
Amount: 5.494932
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 03:02:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

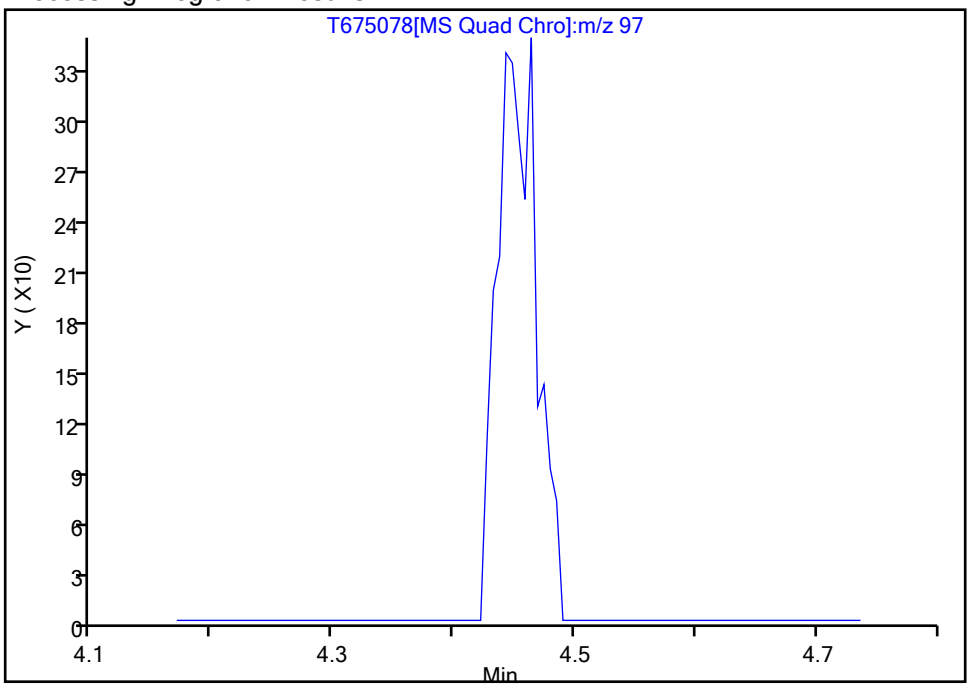
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Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

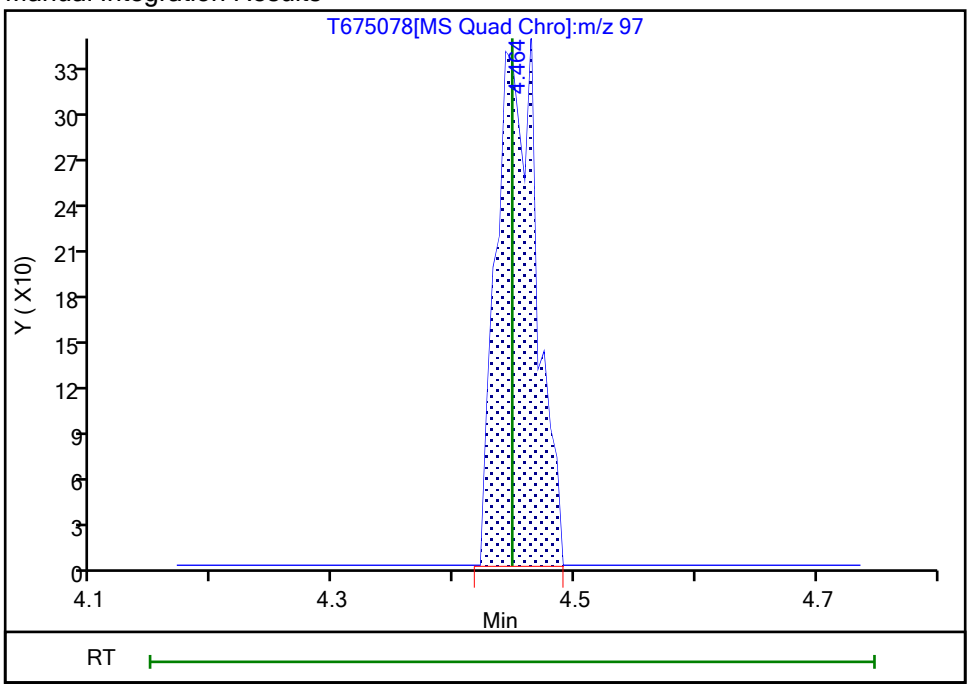
Not Detected
Expected RT: 4.45

Processing Integration Results



Manual Integration Results

RT: 4.46
Area: 786
Amount: 0.534002
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:23:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

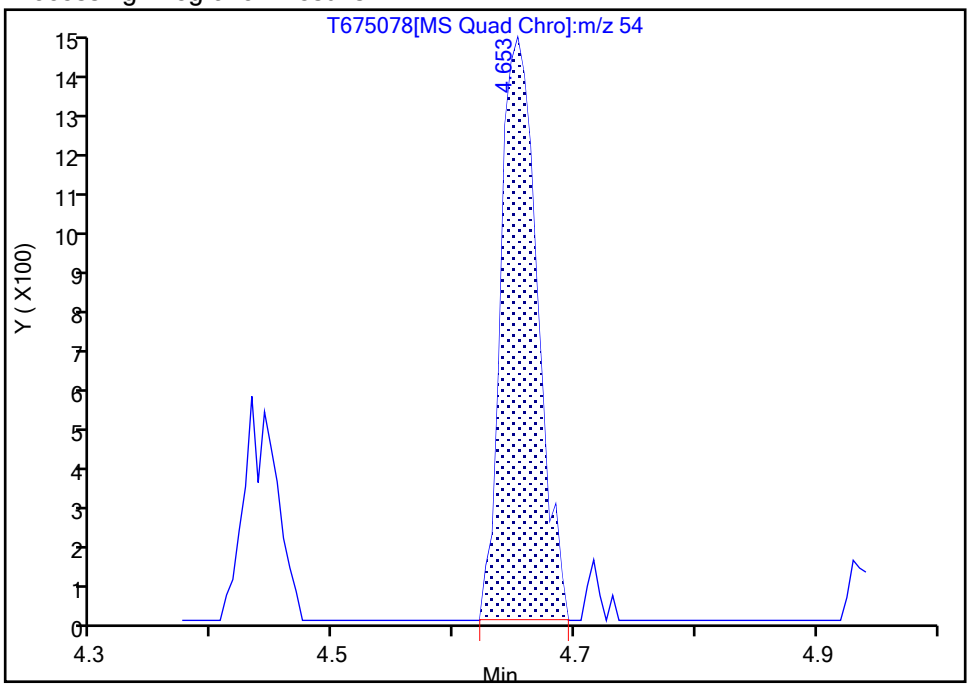
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Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

46 Propionitrile, CAS: 107-12-0

Signal: 1

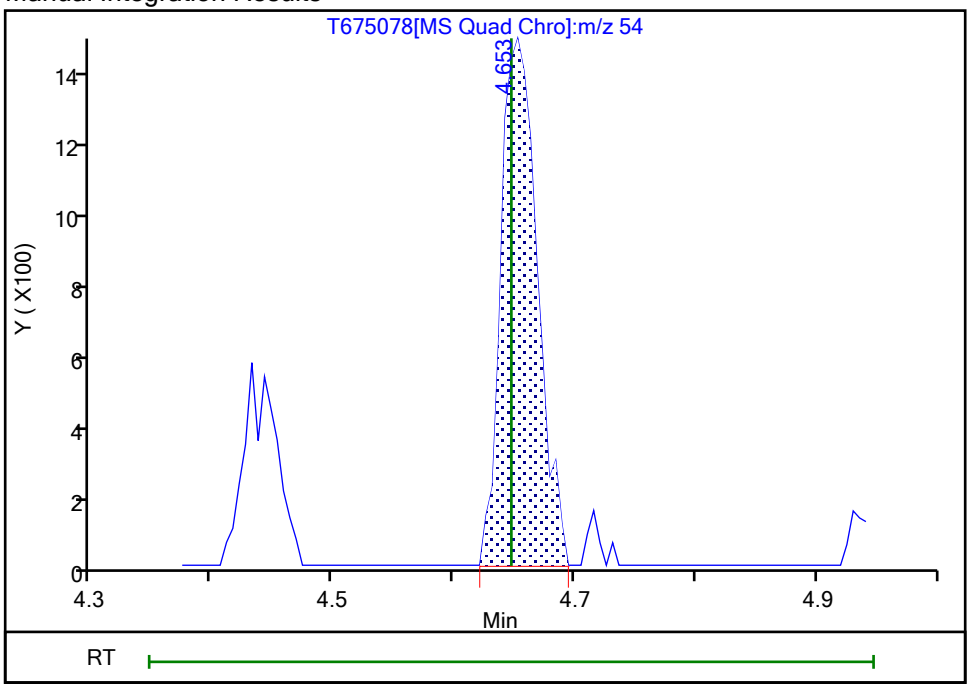
Processing Integration Results

RT: 4.65
Area: 2976
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 2976
Amount: 4.989760
Amount Units: ug/l



Reviewer: W9CM, 14-Feb-2024 14:39:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

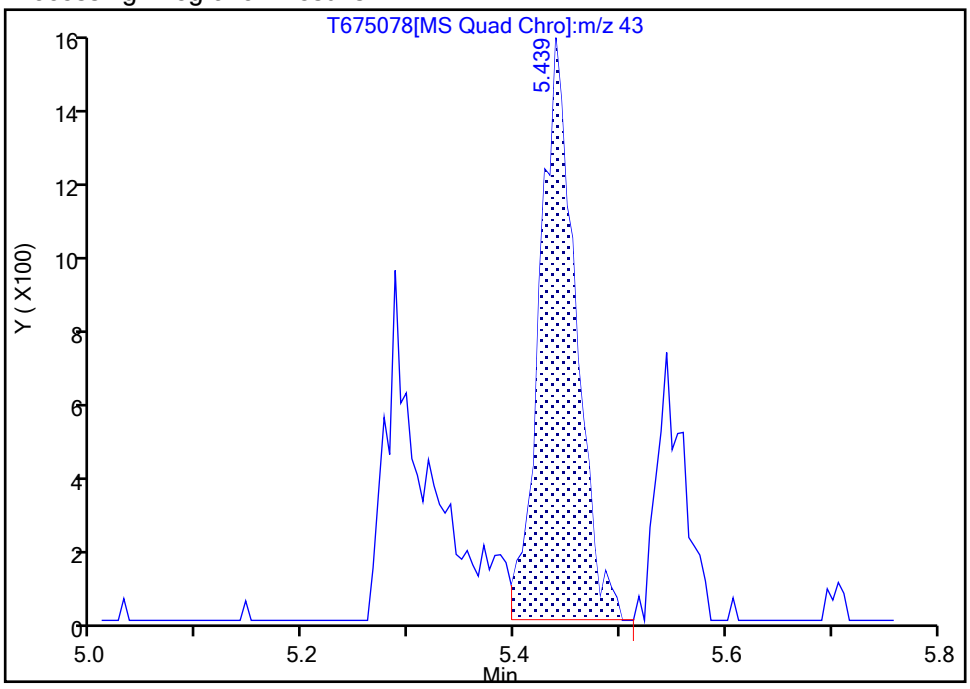
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Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

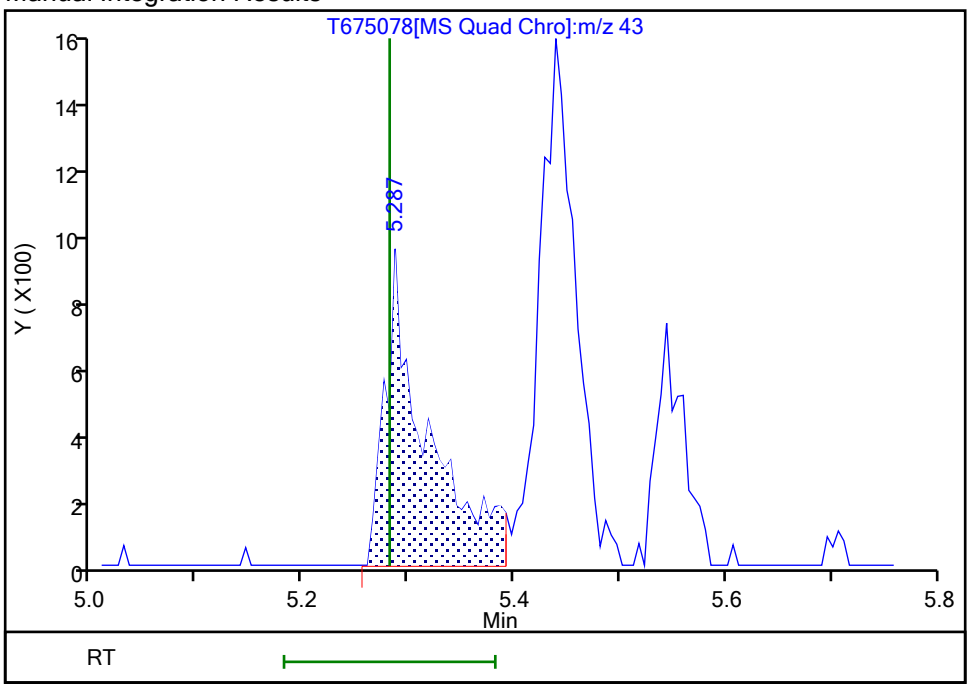
Processing Integration Results

RT: 5.44
Area: 3678
Amount: 12.500000
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 2529
Amount: 12.993386
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:24:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

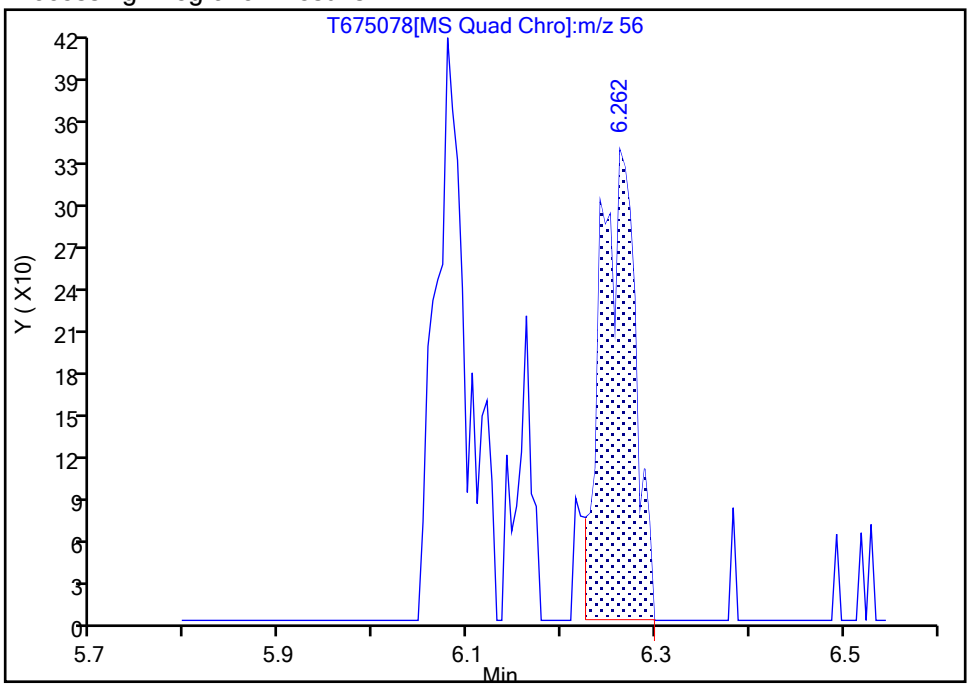
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Signal: 1

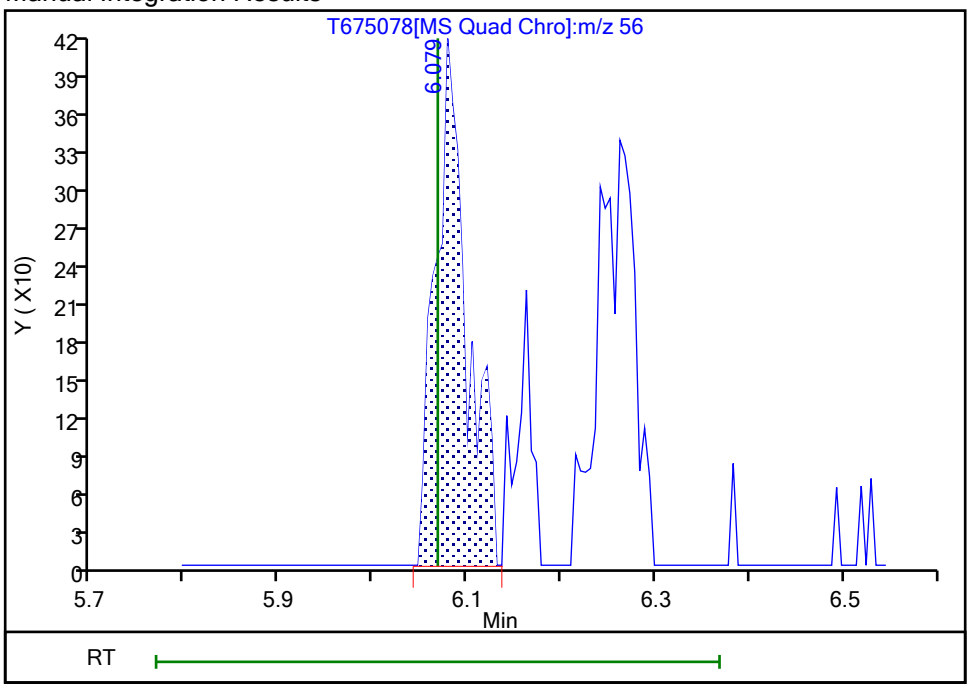
Processing Integration Results

RT: 6.26
Area: 876
Amount: 12.500000
Amount Units: ug/l



Manual Integration Results

RT: 6.08
Area: 980
Amount: 10.289132
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

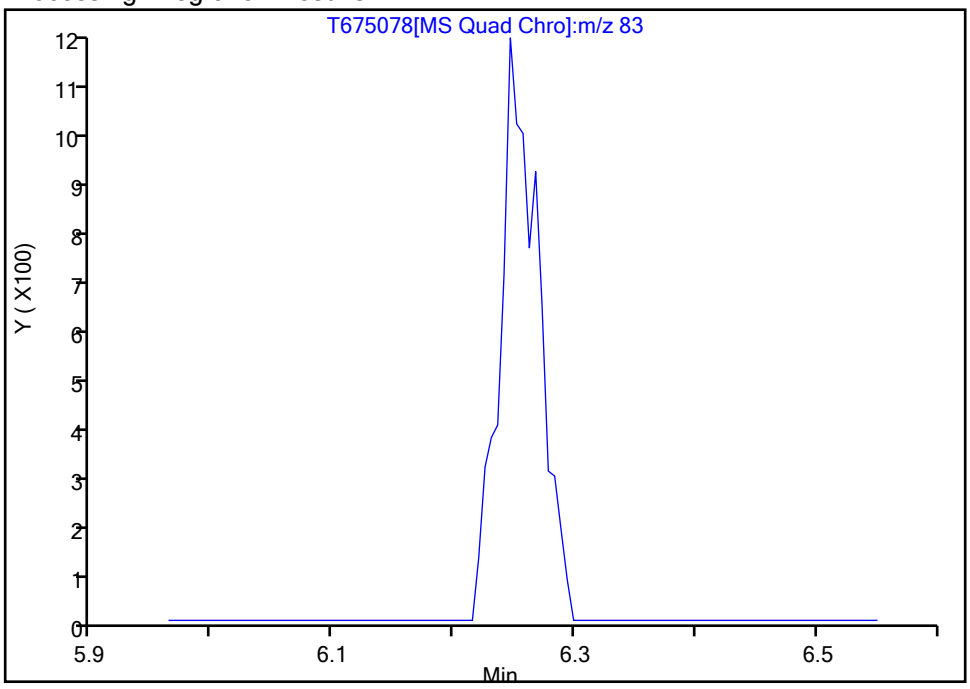
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

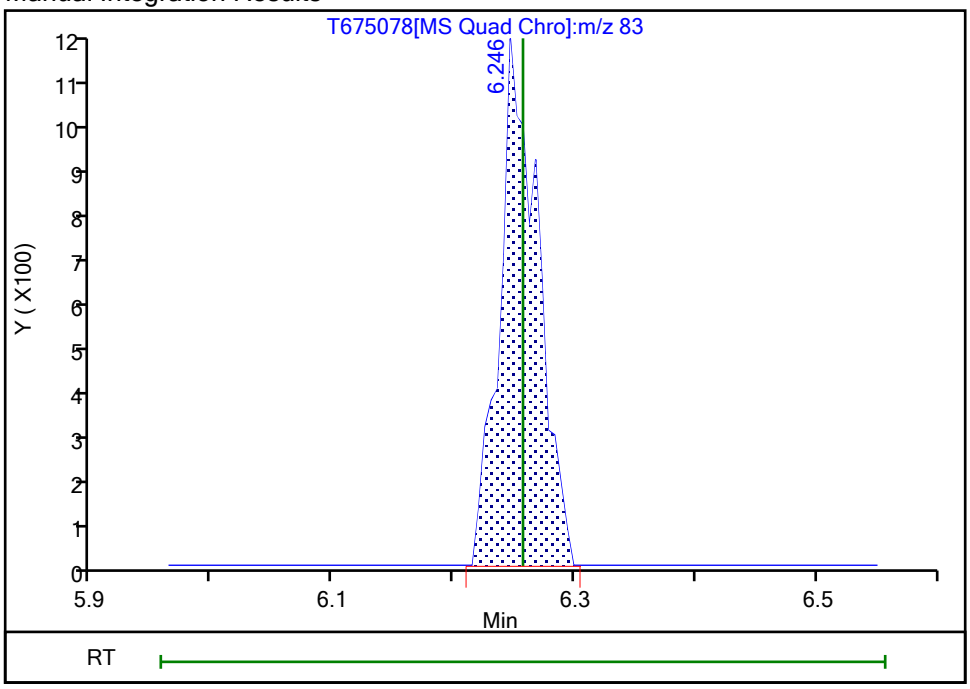
Not Detected
Expected RT: 6.26

Processing Integration Results



Manual Integration Results

RT: 6.25
Area: 2555
Amount: 0.483149
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:25:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

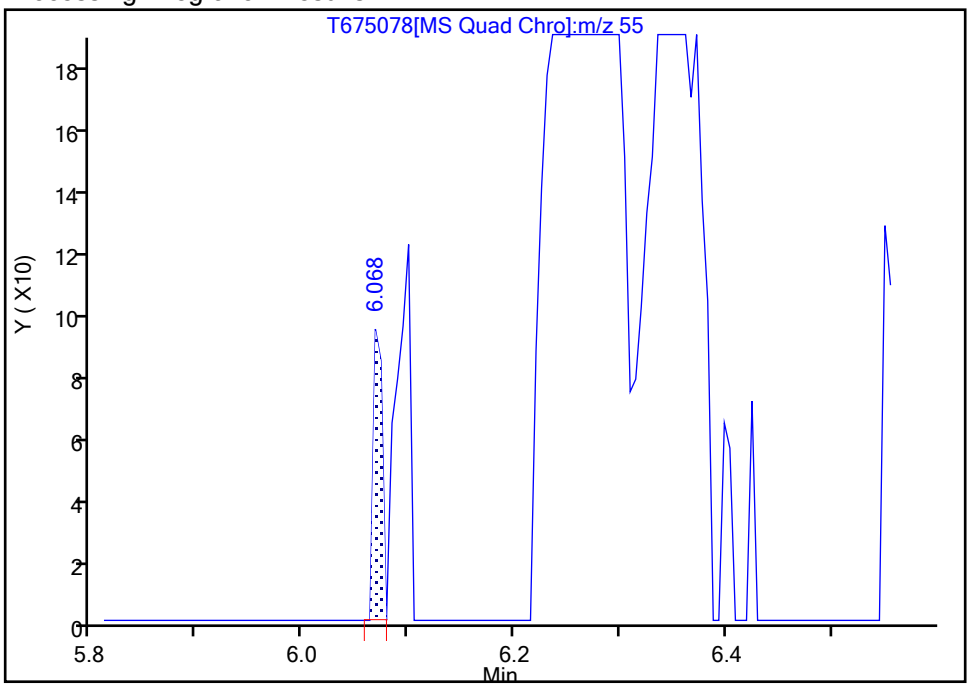
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

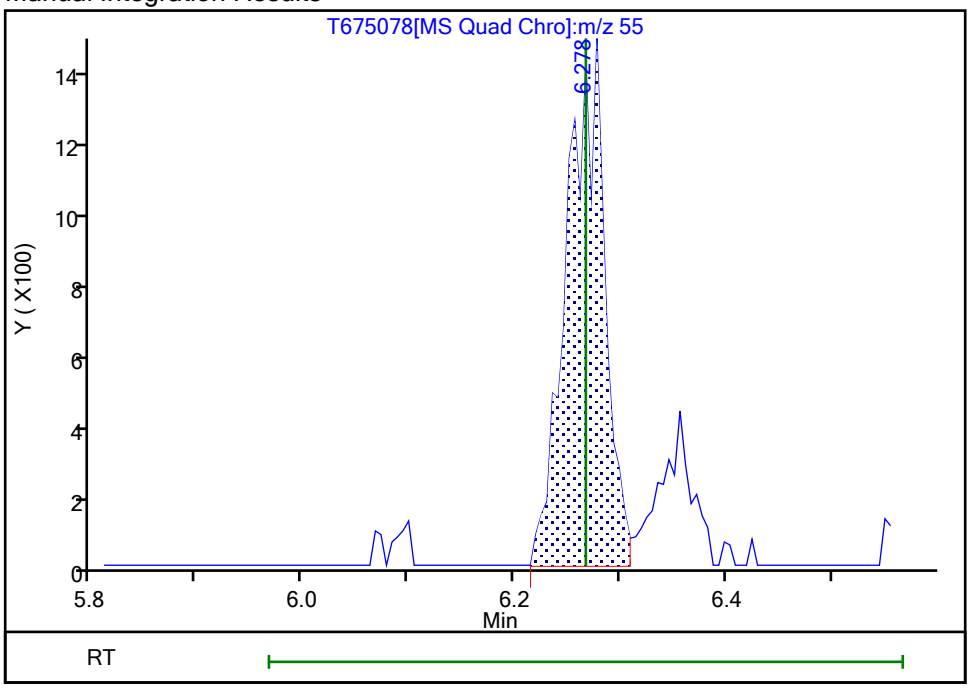
Processing Integration Results

RT: 6.07
Area: 55
Amount: 0.500000
Amount Units: ug/l



Manual Integration Results

RT: 6.28
Area: 3573
Amount: 0.457276
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:25:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

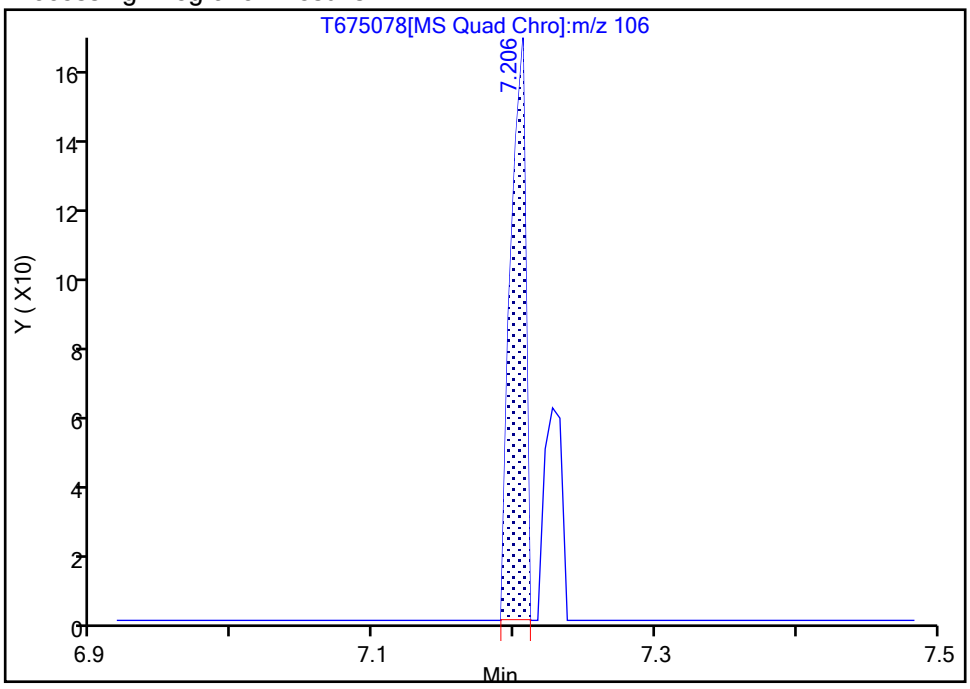
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

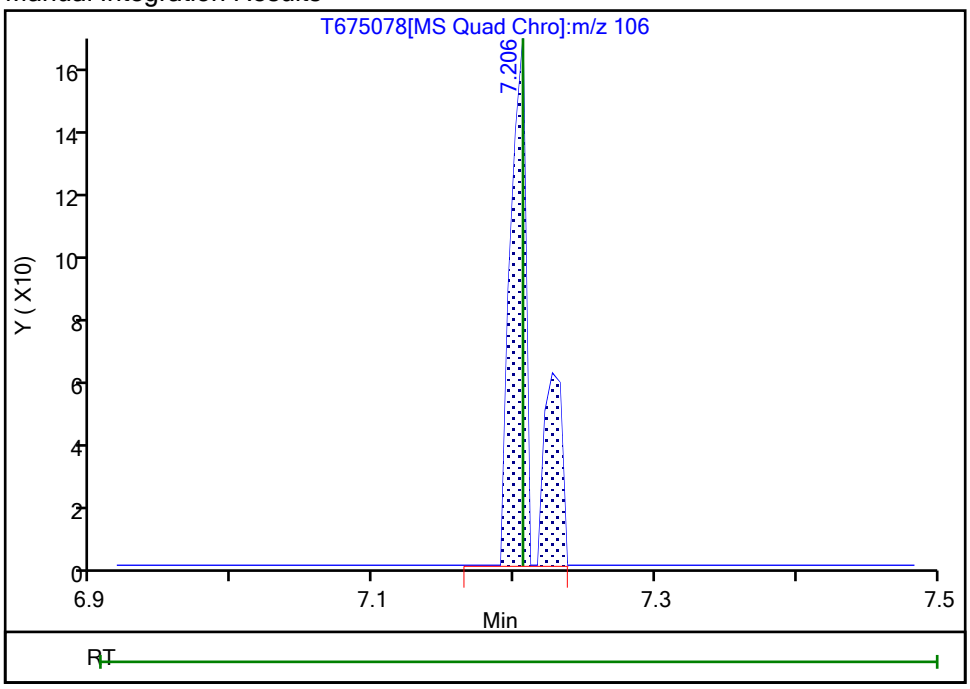
Processing Integration Results

RT: 7.21
Area: 125
Amount: 0.501200
Amount Units: ug/l



Manual Integration Results

RT: 7.21
Area: 179
Amount: 0.524457
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

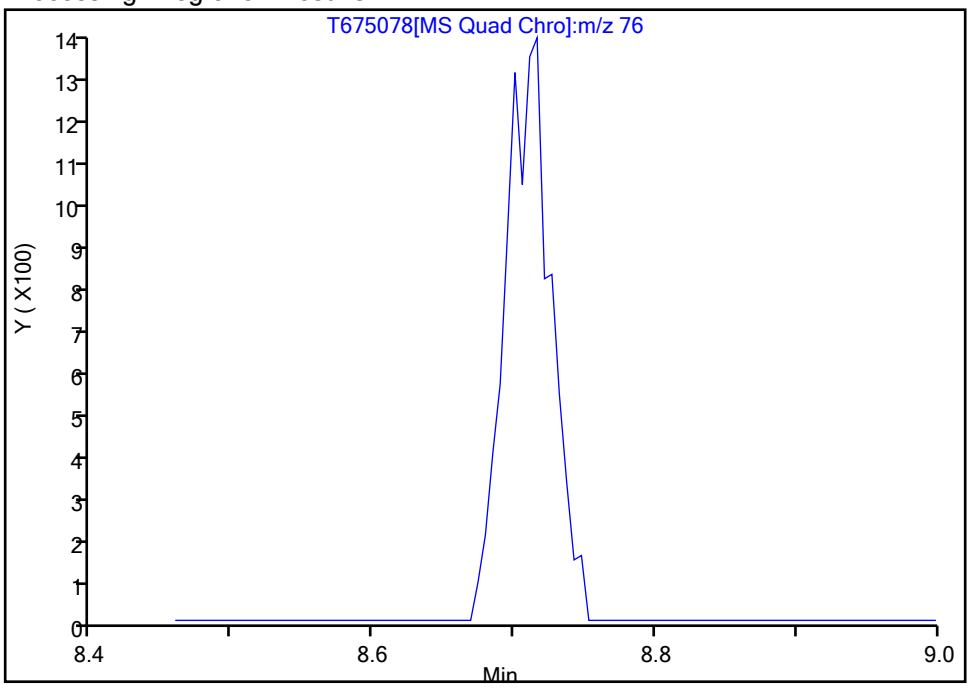
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

89 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

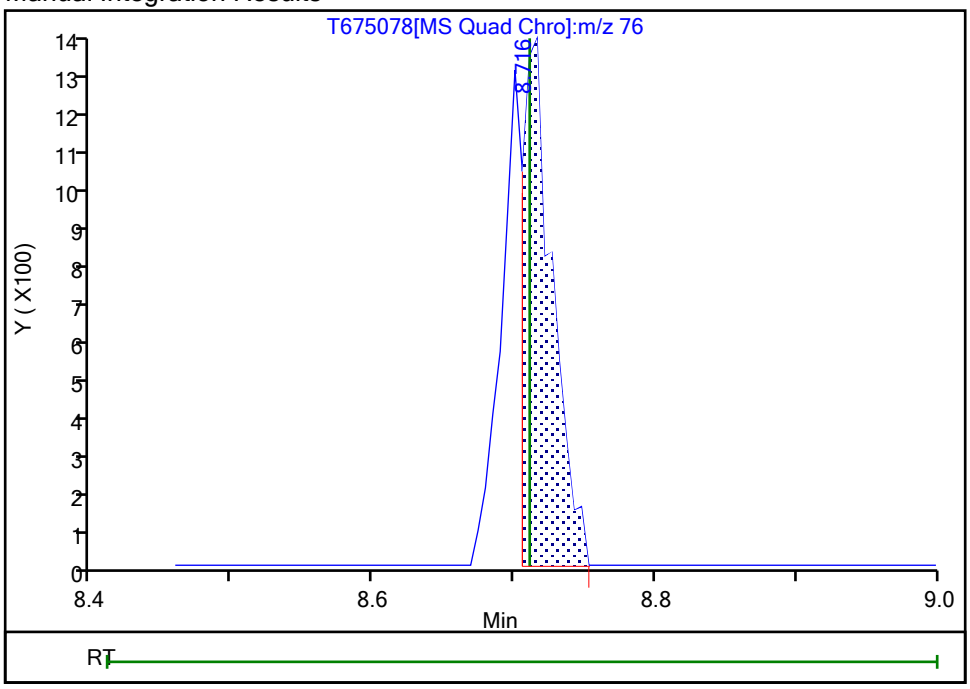
Not Detected
Expected RT: 8.71

Processing Integration Results



Manual Integration Results

RT: 8.72
Area: 1968
Amount: 0.345122
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

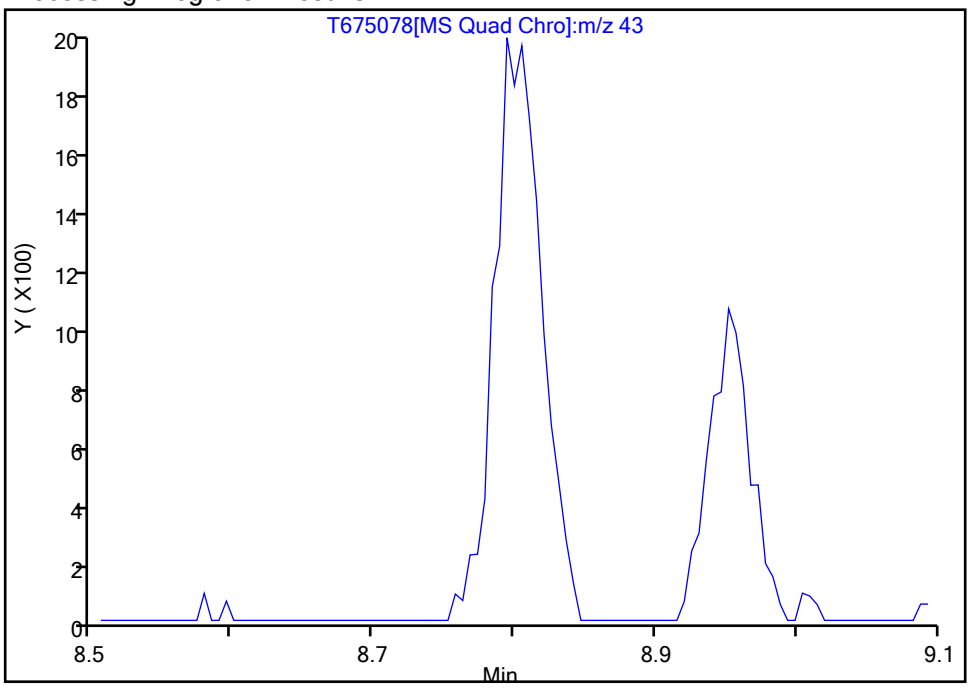
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

90 2-Hexanone, CAS: 591-78-6

Signal: 1

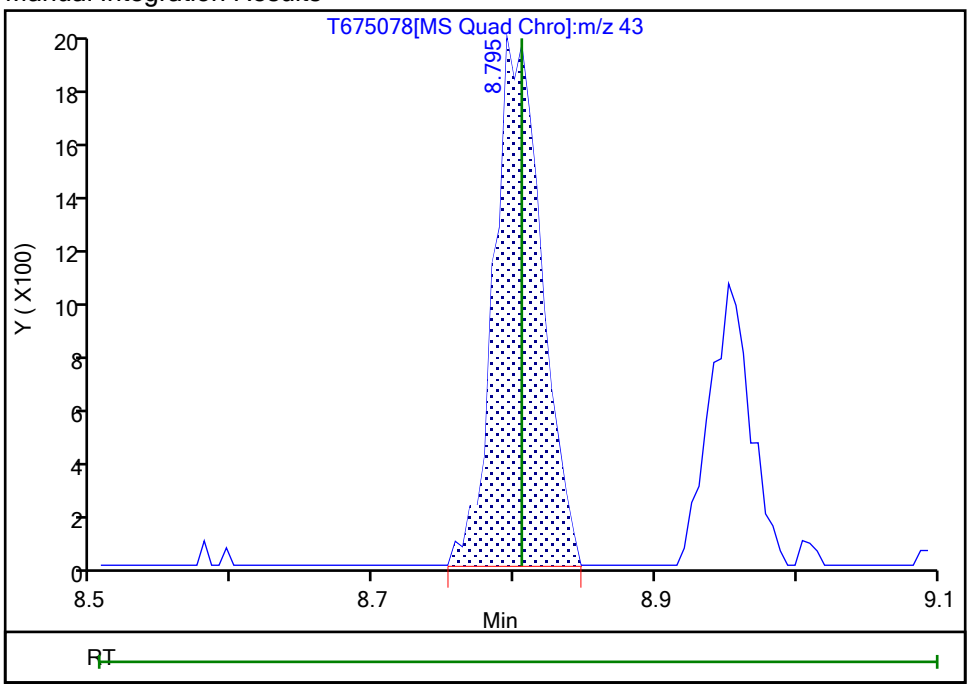
Not Detected
Expected RT: 8.81

Processing Integration Results



Manual Integration Results

RT: 8.79
Area: 4628
Amount: 2.317707
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 00:26:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

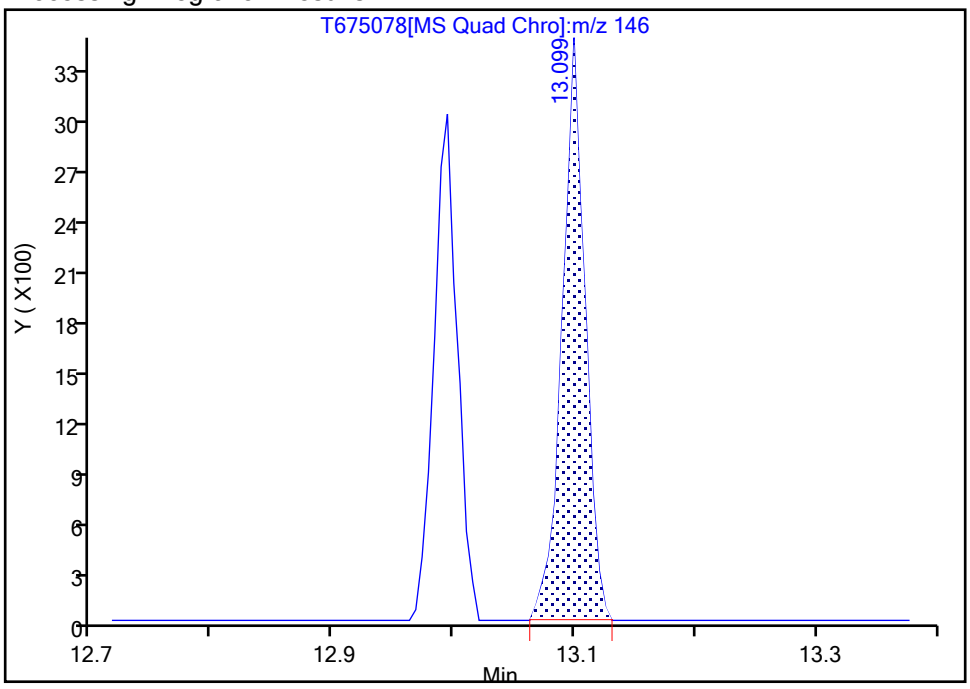
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

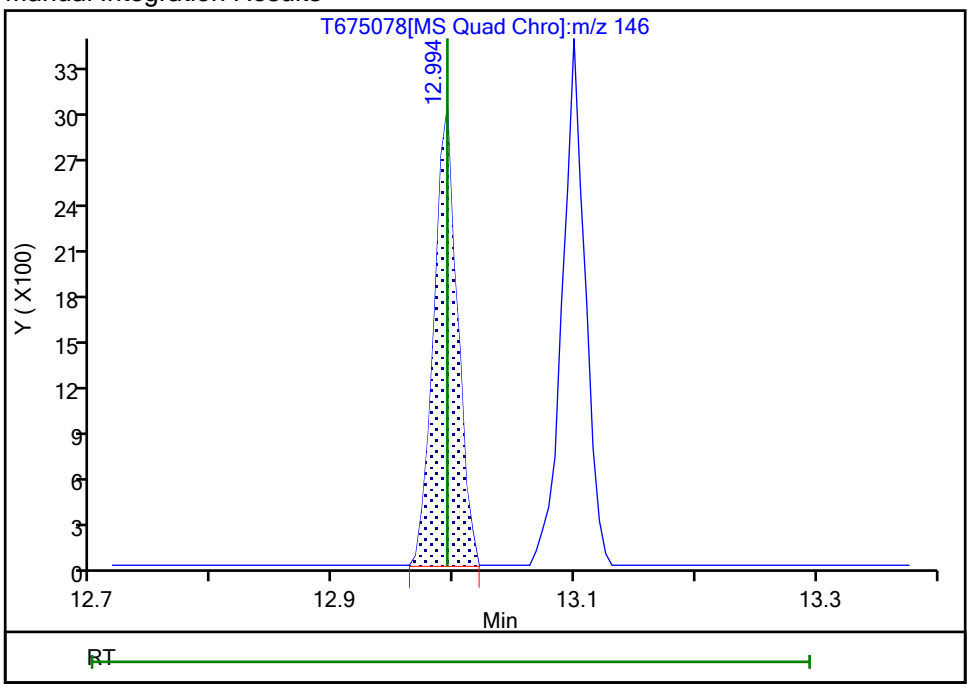
Processing Integration Results

RT: 13.10
Area: 4563
Amount: 0.515245
Amount Units: ug/l



Manual Integration Results

RT: 12.99
Area: 4073
Amount: 0.467303
Amount Units: ug/l



Reviewer: W9CM, 14-Feb-2024 21:00:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

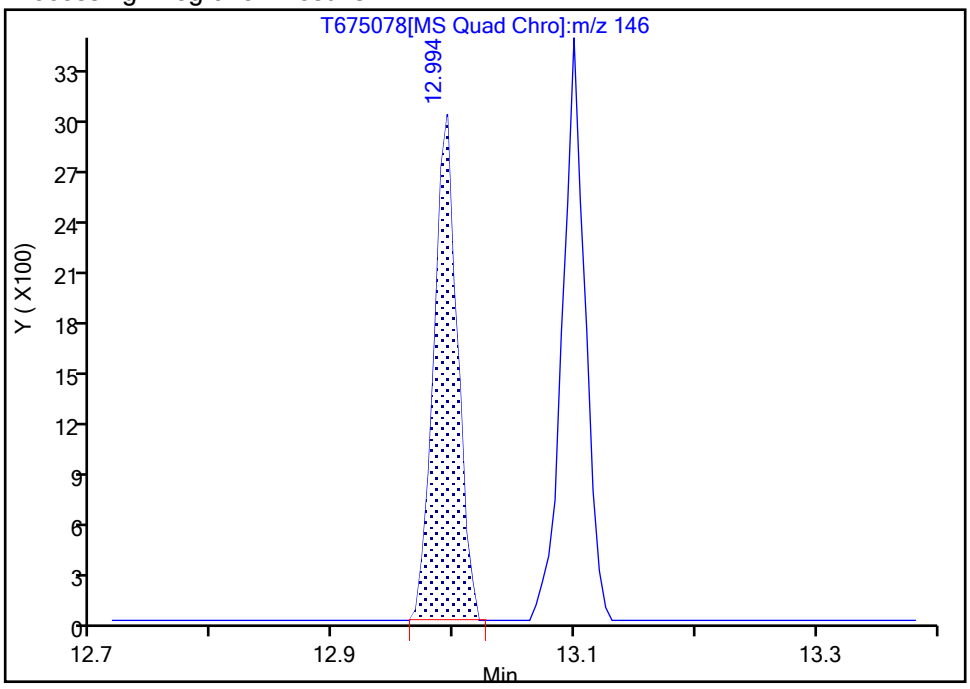
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675078.D
Injection Date: 13-Feb-2024 00:03:34 Instrument ID: CVOAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

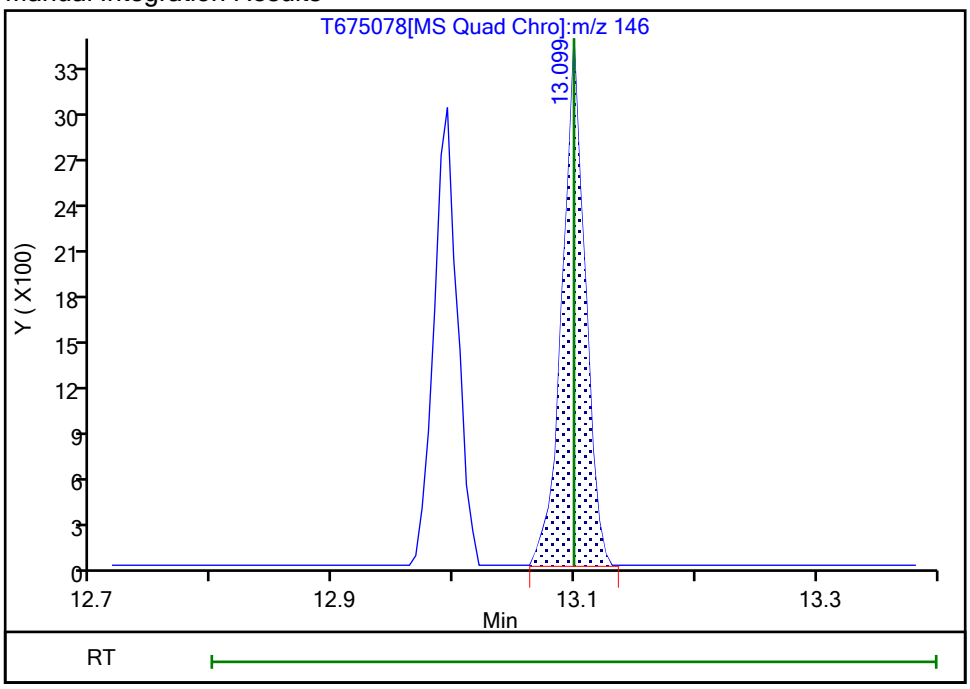
Processing Integration Results

RT: 12.99
Area: 4073
Amount: 0.464996
Amount Units: ug/l



Manual Integration Results

RT: 13.10
Area: 4563
Amount: 0.512742
Amount Units: ug/l



Reviewer: W9CM, 14-Feb-2024 21:01:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675079.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Feb-2024 00:26:17 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0172222-005
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:45 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 01:05:23

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.313	1.313	0.000	5	220	1.00	1.15	a
3	Chlorotrifluoroethene	116	1.417	1.418	-0.001	27	804	1.00	1.05	
2	1,1-Difluoroethane	65	1.433	1.433	0.000	78	2085	1.00	1.16	
4	Dichlorodifluoromethane	85	1.449	1.449	0.000	97	5317	1.00	1.05	
5	Chlorodifluoromethane	67	1.480	1.475	0.005	44	701	1.00	1.07	
6	Chloromethane	50	1.632	1.633	0.000	85	4845	1.00	1.04	
7	Vinyl chloride	62	1.716	1.716	0.000	83	6528	1.00	1.12	
8	Butadiene	54	1.748	1.748	0.000	80	5489	1.00	1.15	
9	Bromomethane	94	2.015	2.010	0.005	57	2531	1.00	1.79	
10	Chloroethane	64	2.110	2.104	0.006	79	3007	1.00	1.02	
11	Dichlorofluoromethane	67	2.288	2.288	0.000	82	8157	1.00	1.03	
12	Trichlorofluoromethane	101	2.298	2.298	0.000	82	6424	1.00	1.03	
13	Pentane	72	2.351	2.346	0.005	91	1117	2.00	1.90	
14	Ethanol	46	2.508	2.503	0.005	41	978	40.0	52.7	
15	Ethyl ether	59	2.550	2.550	0.000	93	3892	1.00	1.01	
17	2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	80	2855	1.00	1.02	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.608	2.602	0.006	63	3670	1.00	1.06	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	78	6027	1.00	1.08	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.728	0.005	65	3470	1.00	1.01	
19	Acrolein	56	2.733	2.734	-0.001	52	2441	4.00	3.60	
20	1,1-Dichloroethene	96	2.770	2.765	0.005	90	4106	1.00	1.08	
22	Acetone	43	2.865	2.865	0.000	78	5392	5.00	4.99	
23	Iodomethane	142	2.927	2.928	-0.001	44	2368	1.00	0.4432	
25	Isopropyl alcohol	45	2.959	2.959	0.000	14	2312	10.0	11.0	
24	Carbon disulfide	76	2.959	2.959	0.000	98	13703	1.00	1.10	
27	3-Chloro-1-propene	76	3.106	3.111	-0.005	72	2464	1.00	1.08	
28	Methyl acetate	43	3.127	3.127	0.000	69	4947	2.00	2.05	
29	Cyclopentene	67	3.127	3.132	-0.005	83	7941	1.00	1.06	
26	Acetonitrile	41	3.184	3.179	0.005	63	4994	10.0	11.3	Ma
* 31	TBA-d9 (IS)	66	3.232	3.231	0.001	96	61878	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	3.247	3.247	0.000	29	4981	1.00	1.09	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	65	4160	10.0	10.6	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	92	9877	1.00	0.9645	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	64	4392	1.00	1.03	
33 Acrylonitrile	53	3.536	3.541	-0.005	95	14659	10.0	10.0	
36 Hexane	57	3.625	3.630	-0.005	66	3487	1.00	0.9822	
40 Isopropyl ether	45	3.861	3.861	0.000	93	8533	1.00	0.9535	
37 1,1-Dichloroethane	63	3.892	3.898	-0.006	84	6973	1.00	1.05	
38 Vinyl acetate	86	3.913	3.913	0.000	98	1199	2.00	2.10	
39 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	68	3700	1.00	1.03	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	86	9464	1.00	0.9740	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	64	338573	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.448	0.005	43	1357	1.00	0.9513	a
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	57	5112	1.00	1.06	
45 2-Butanone (MEK)	72	4.506	4.500	0.006	99	2814	5.00	5.05	
47 Ethyl acetate	70	4.511	4.511	0.000	97	866	2.00	1.92	
48 Methyl acrylate	55	4.563	4.569	-0.006	55	3288	1.00	0.9830	
46 Propionitrile	54	4.652	4.647	0.005	87	6189	10.0	10.7	
49 Chlorobromomethane	128	4.736	4.736	0.000	76	2498	1.00	1.03	
51 Tetrahydrofuran	72	4.742	4.736	0.006	50	1093	2.00	1.93	
50 Methacrylonitrile	67	4.768	4.768	0.000	78	17155	10.0	9.57	
52 Chloroform	83	4.799	4.799	0.000	87	7656	1.00	1.08	
55 Cyclohexane	84	4.936	4.941	-0.005	79	5120	1.00	1.00	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	27	6241	1.00	1.02	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	97	171861	50.0	50.6	
56 Carbon tetrachloride	117	5.098	5.093	0.005	89	6335	1.00	1.13	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	87	5787	1.00	1.08	
59 Isobutyl alcohol	43	5.287	5.282	0.005	45	4853	25.0	25.5	a
62 Isooctane	57	5.329	5.329	0.000	77	6278	1.00	0.9217	a
60 Benzene	78	5.360	5.360	0.000	64	15609	1.00	1.04	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	98	154523	50.0	51.0	
64 Tert-amyl methyl ether	73	5.439	5.444	-0.005	83	9671	1.00	0.9440	
63 Isopropyl acetate	61	5.460	5.444	0.016	75	2030	1.00	1.05	
61 1,2-Dichloroethane	62	5.465	5.470	-0.005	72	4947	1.00	1.06	
66 n-Heptane	43	5.549	5.549	0.000	55	2372	1.00	1.00	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	554640	50.0	50.0	
68 n-Butanol	56	6.073	6.068	0.005	26	1853	25.0	19.9	a
67 Trichloroethene	95	6.115	6.110	0.005	81	4672	1.00	1.03	
70 Methylcyclohexane	83	6.257	6.257	0.000	75	5007	1.00	0.9770	
69 Ethyl acrylate	55	6.262	6.267	-0.005	85	7272	1.00	0.9603	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	72	3948	1.00	1.03	
* 73 1,4-Dioxane-d8	96	6.519	6.519	0.000	1	52591	1000.0	1000.0	
75 Methyl methacrylate	100	6.566	6.561	0.005	70	1951	2.00	1.75	
74 1,4-Dioxane	88	6.592	6.587	0.005	49	2898	50.0	53.9	a
72 Dibromomethane	93	6.603	6.603	0.000	62	3032	1.00	1.08	
76 n-Propyl acetate	43	6.629	6.629	0.000	75	4143	1.00	0.99	
77 Dichlorobromomethane	83	6.786	6.786	0.000	90	5561	1.00	1.01	
78 2-Nitropropane	41	7.190	7.190	0.000	31	1629	2.00	2.01	
79 2-Chloroethyl vinyl ether	106	7.201	7.206	-0.005	47	515	1.00	1.56	
80 Epichlorohydrin	57	7.321	7.321	0.000	89	6153	20.0	20.5	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	73	6473	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	90	12906	5.00	4.75	

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	7.678	7.678	0.000	98	566738	50.0	50.9	
84 Toluene	91	7.772	7.772	0.000	90	18523	1.00	1.09	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	77	5713	1.00	1.01	
86 Ethyl methacrylate	69	8.249	8.249	0.000	41	3991	1.00	0.9278	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	66	3127	1.00	0.9743	
88 Tetrachloroethene	166	8.501	8.496	0.005	76	5007	1.00	1.07	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	59	5900	1.00	1.06	
90 2-Hexanone	43	8.805	8.805	0.000	88	9366	5.00	4.76	
93 n-Butyl acetate	43	8.947	8.947	0.000	72	4319	1.00	1.05	
91 Chlorodibromomethane	129	8.983	8.983	0.000	65	4443	1.00	0.9783	
92 Ethylene Dibromide	107	9.162	9.162	0.000	59	4103	1.00	1.03	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	81	486159	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	93	11956	1.00	1.09	
97 Ethylbenzene	106	10.016	10.016	0.000	94	6015	1.00	1.06	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	42	3920	1.00	1.02	
98 m-Xylene & p-Xylene	106	10.205	10.210	-0.005	92	7362	1.00	1.07	
99 o-Xylene	106	10.860	10.850	0.010	93	7257	1.00	1.07	
101 n-Butyl acrylate	73	10.876	10.871	0.005	73	2810	1.00	1.02	
100 Styrene	104	10.902	10.902	0.000	90	11047	1.00	1.01	
102 Bromoform	173	11.217	11.217	0.000	76	3831	1.00	1.05	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	74	4622	1.00	1.01	
104 Isopropylbenzene	105	11.421	11.427	-0.006	89	17793	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	11.704	11.704	0.000	96	222242	50.0	51.4	
106 Bromobenzene	156	11.877	11.878	-0.001	75	5120	1.00	1.00	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	80	4839	1.00	1.03	
110 N-Propylbenzene	91	11.998	11.993	0.005	98	20532	1.00	1.05	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	73	1303	1.00	0.8916	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.056	0.005	35	995	1.00	0.8974	
111 2-Chlorotoluene	91	12.119	12.124	-0.005	91	13232	1.00	1.03	
112 4-Ethyltoluene	105	12.150	12.150	0.000	95	17369	1.00	1.06	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	89	13349	1.00	1.03	
113 4-Chlorotoluene	91	12.271	12.271	0.000	92	13146	1.00	1.03	
115 Butyl Methacrylate	87	12.391	12.391	0.000	71	4115	1.00	0.8983	
116 tert-Butylbenzene	119	12.596	12.601	-0.005	85	11478	1.00	1.03	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	94	13541	1.00	1.02	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	96	16606	1.00	1.06	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	93	8581	1.00	1.01	a
122 4-Isopropyltoluene	119	13.015	13.015	0.000	84	14093	1.00	1.06	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	279391	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	71	8714	1.00	1.00	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	94	13347	1.00	0.9845	
124 Benzyl chloride	91	13.262	13.262	0.000	95	8100	1.00	0.9596	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	91	14080	1.00	1.00	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	93	7883	1.00	0.9794	
128 n-Butylbenzene	92	13.429	13.430	-0.001	95	6547	1.00	1.05	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	92	7577	1.00	0.9840	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	93	11324	1.00	1.01	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	21	1269	1.00	1.02	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	90	5123	1.00	1.00	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	61	4375	1.00	0.9683	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	34	2294	1.00	1.08	
134 Naphthalene	128	15.091	15.092	-0.001	97	11539	1.00	0.9869	

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	15.280	15.280	0.000	54	3773	1.00	0.9672	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.09	
S 137 Xylenes, Total	100				0		2.00	2.14	
S 140 Total BTEX	1				0		5.00	5.33	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.03	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00014	Amount Added:	10.00	Units: uL	
GASES Li_00571	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	10.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
14DIOXINTER_00165	Amount Added:	30.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:46 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675079.D

Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15

Lims ID: STD1

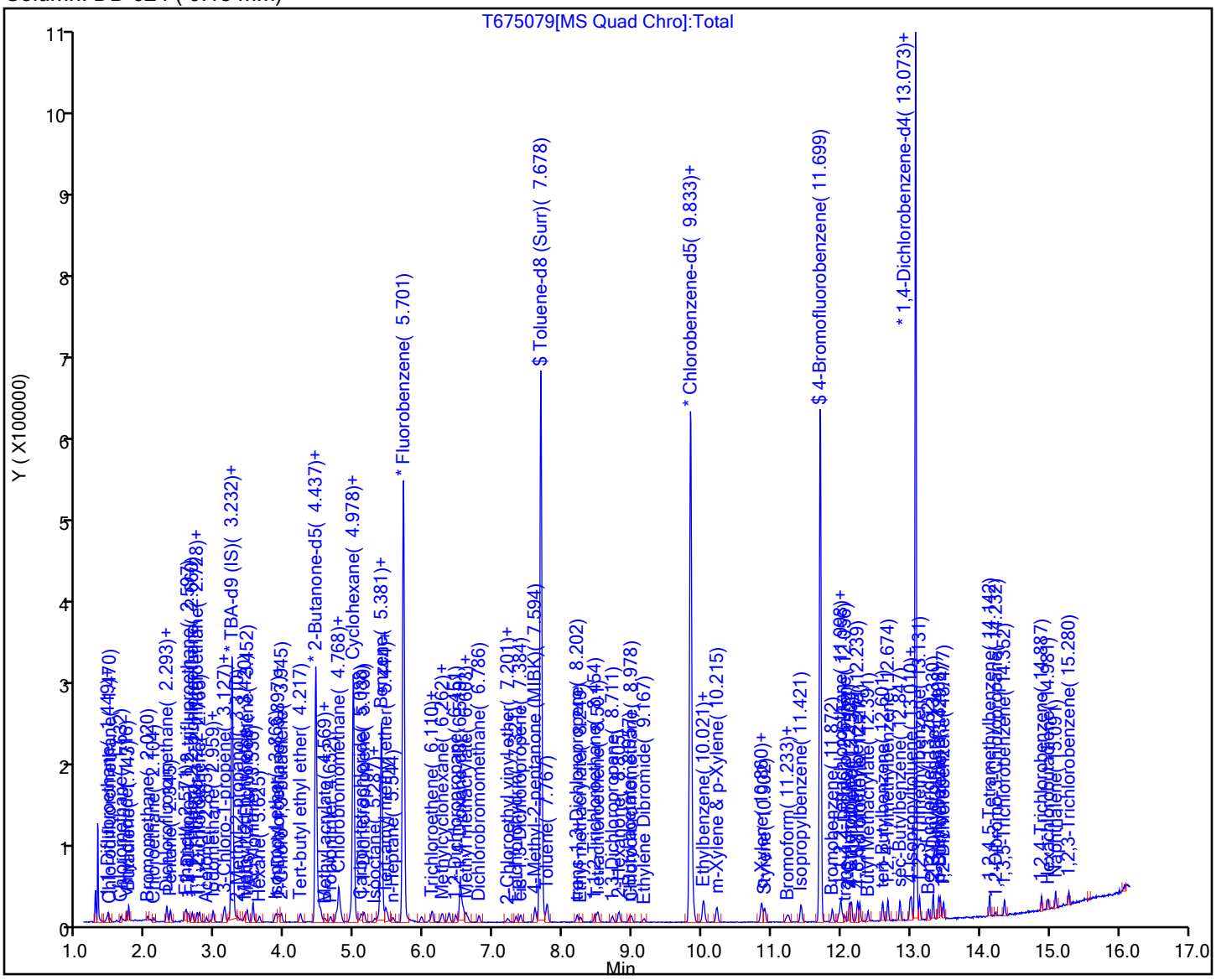
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

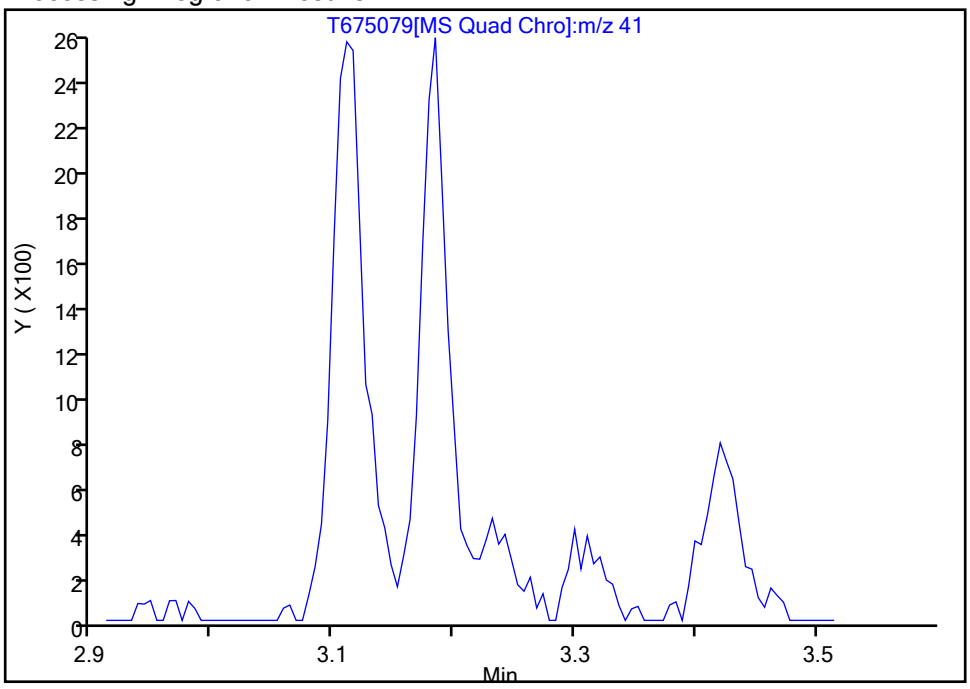
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

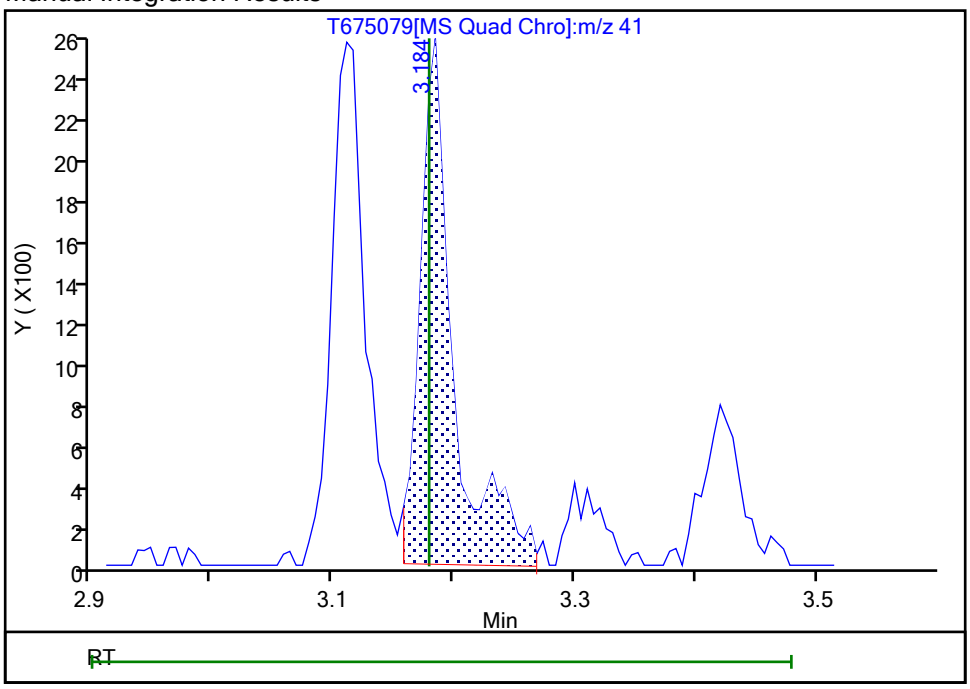
Not Detected
Expected RT: 3.18

Processing Integration Results



Manual Integration Results

RT: 3.18
Area: 4994
Amount: 11.264258
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 03:00:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

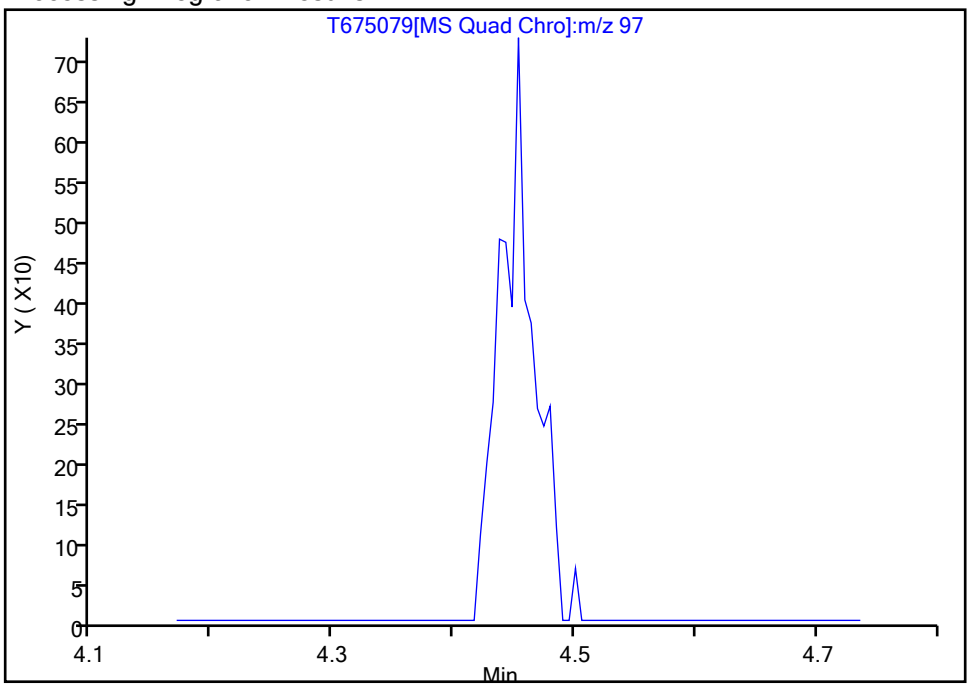
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

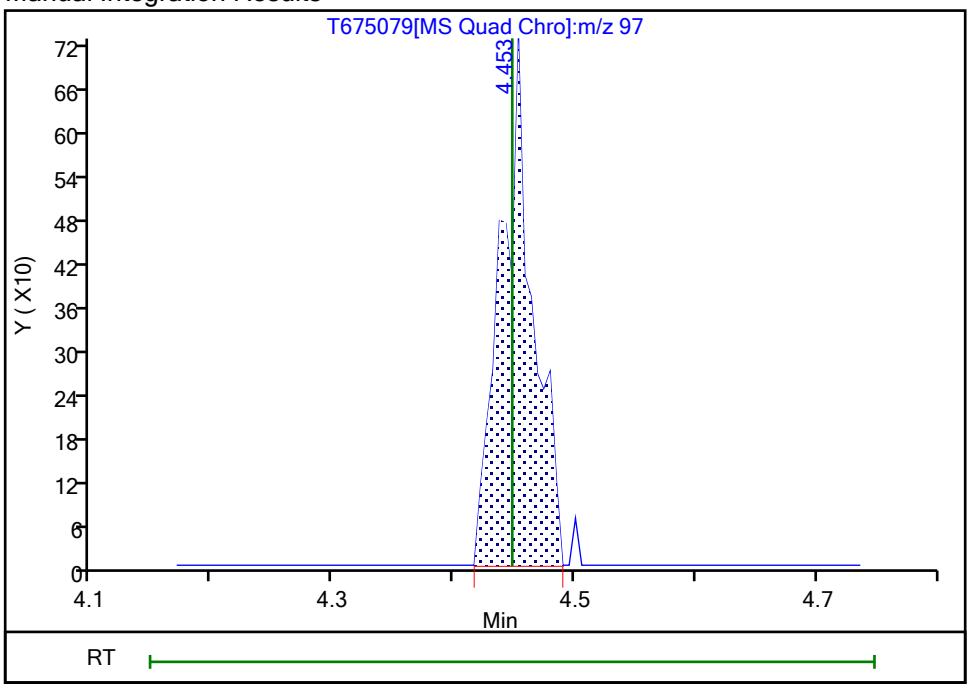
Not Detected
Expected RT: 4.45

Processing Integration Results



Manual Integration Results

RT: 4.45
Area: 1357
Amount: 0.951292
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:06:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

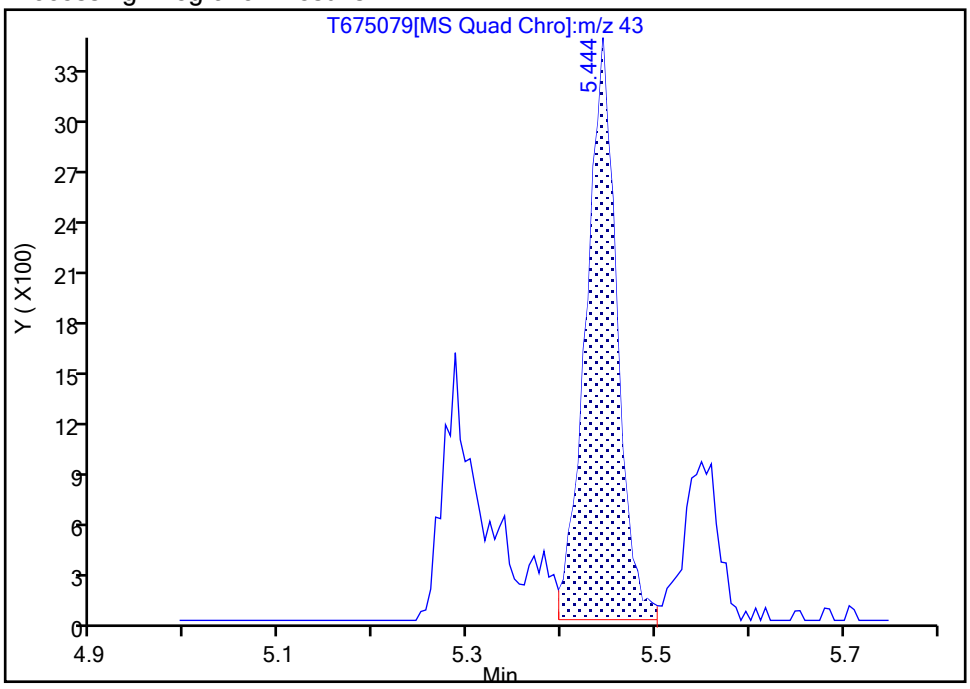
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

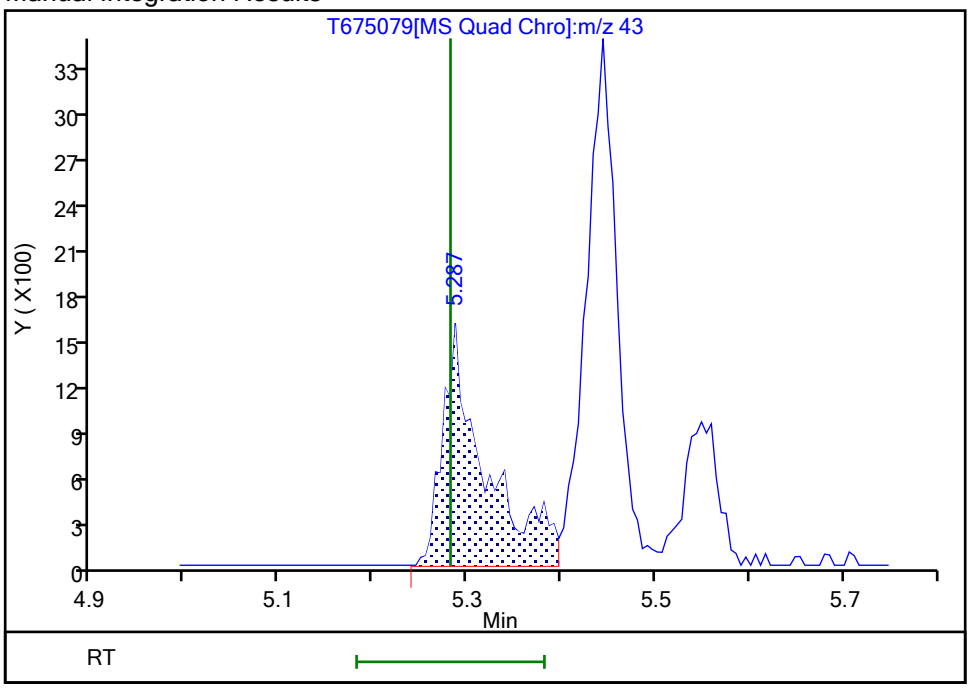
Processing Integration Results

RT: 5.44
Area: 7804
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 4853
Amount: 25.493224
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:06:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

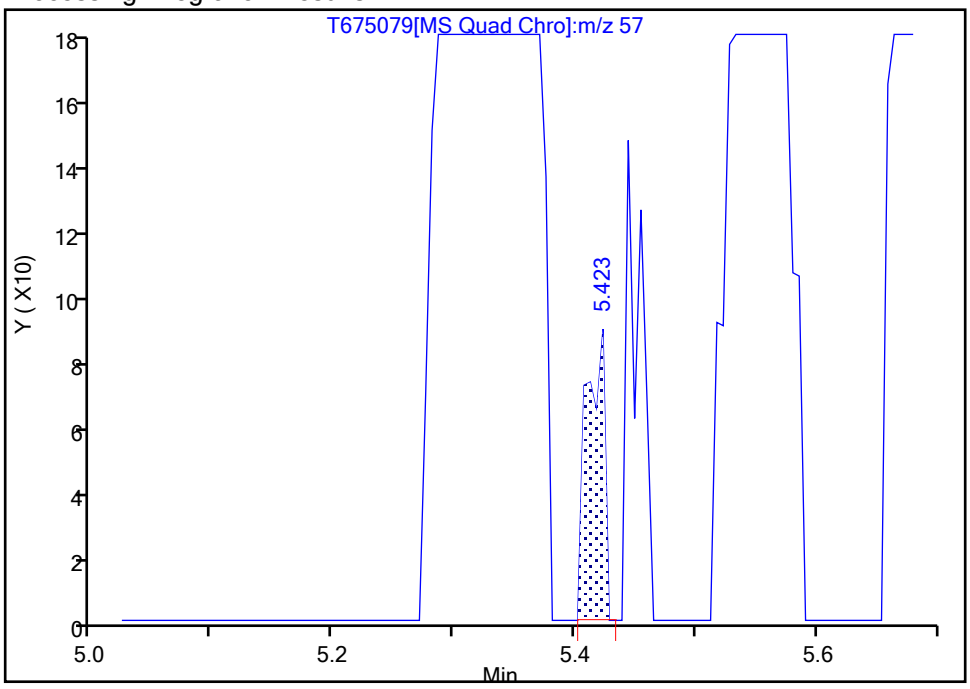
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

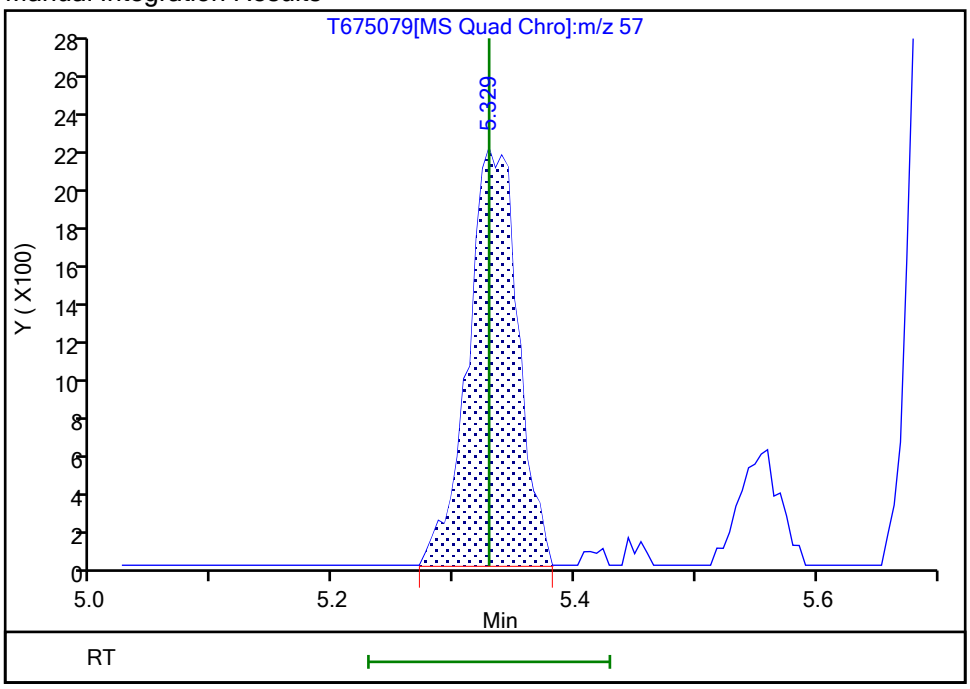
Processing Integration Results

RT: 5.42
Area: 92
Amount: 0.028894
Amount Units: ug/l



Manual Integration Results

RT: 5.33
Area: 6278
Amount: 0.921677
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:06:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

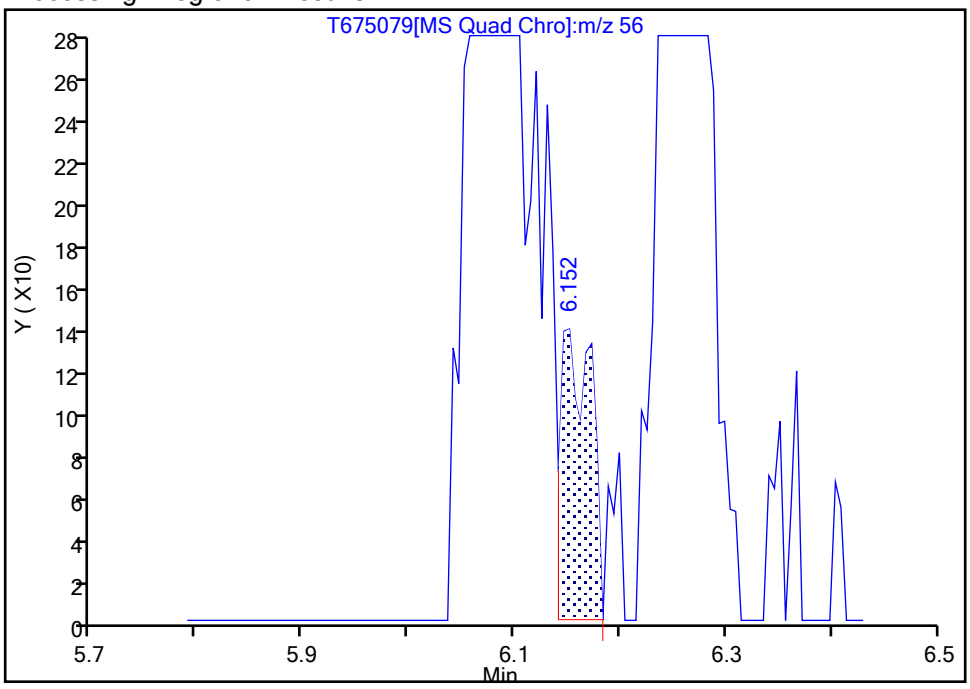
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

68 n-Butanol, CAS: 71-36-3

Signal: 1

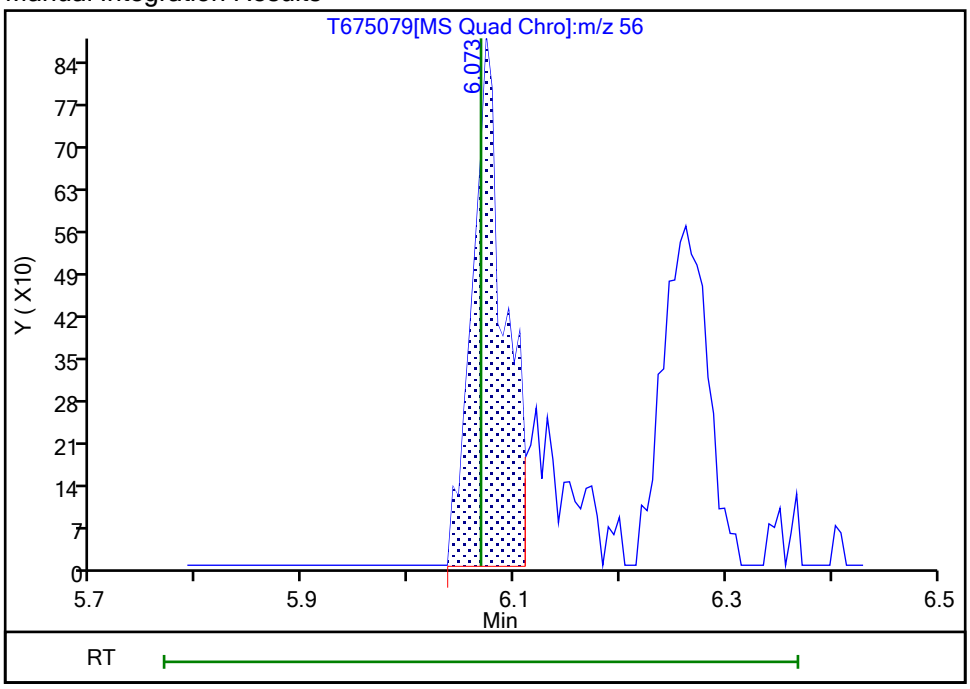
Processing Integration Results

RT: 6.15
Area: 280
Amount: 6.372416
Amount Units: ug/l



Manual Integration Results

RT: 6.07
Area: 1853
Amount: 19.891569
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:07:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

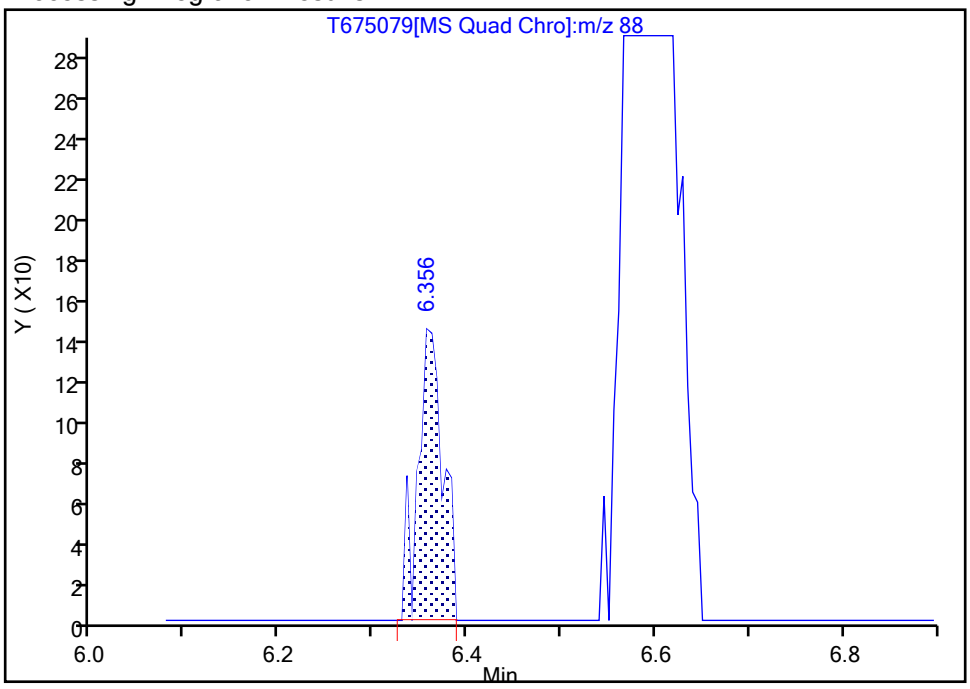
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

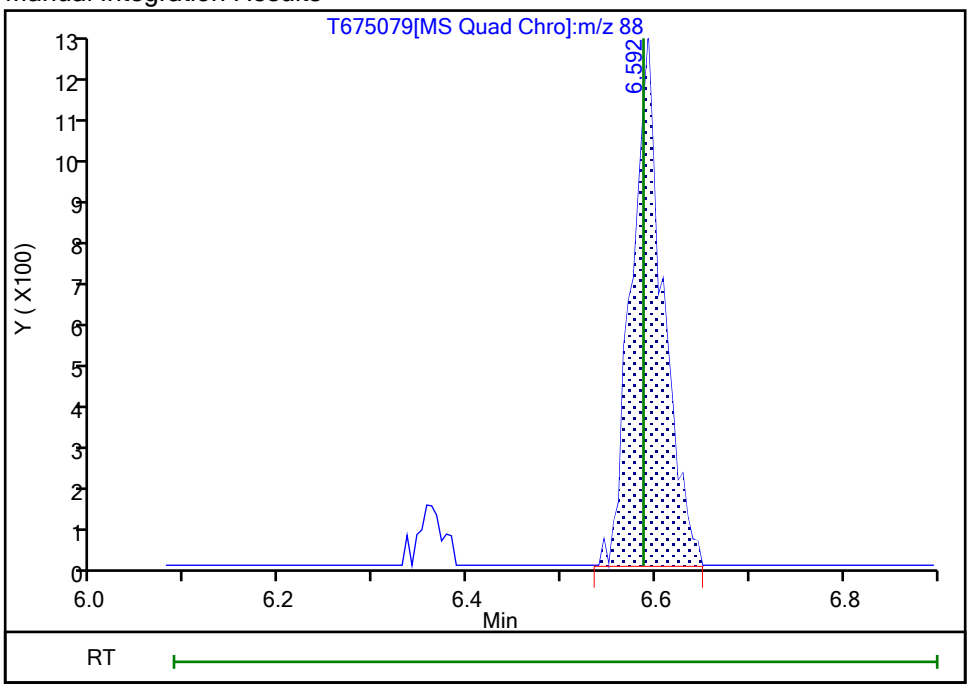
Processing Integration Results

RT: 6.36
Area: 262
Amount: 8.665381
Amount Units: ug/l



Manual Integration Results

RT: 6.59
Area: 2898
Amount: 53.861924
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:07:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

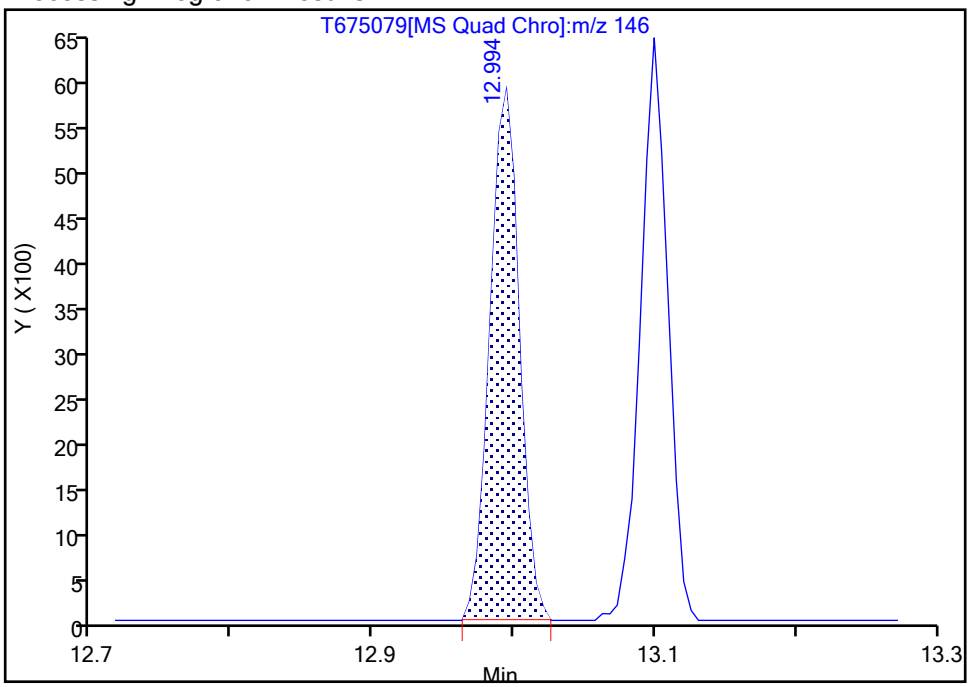
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Injection Date: 13-Feb-2024 00:26:17 Instrument ID: CVOAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

119 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

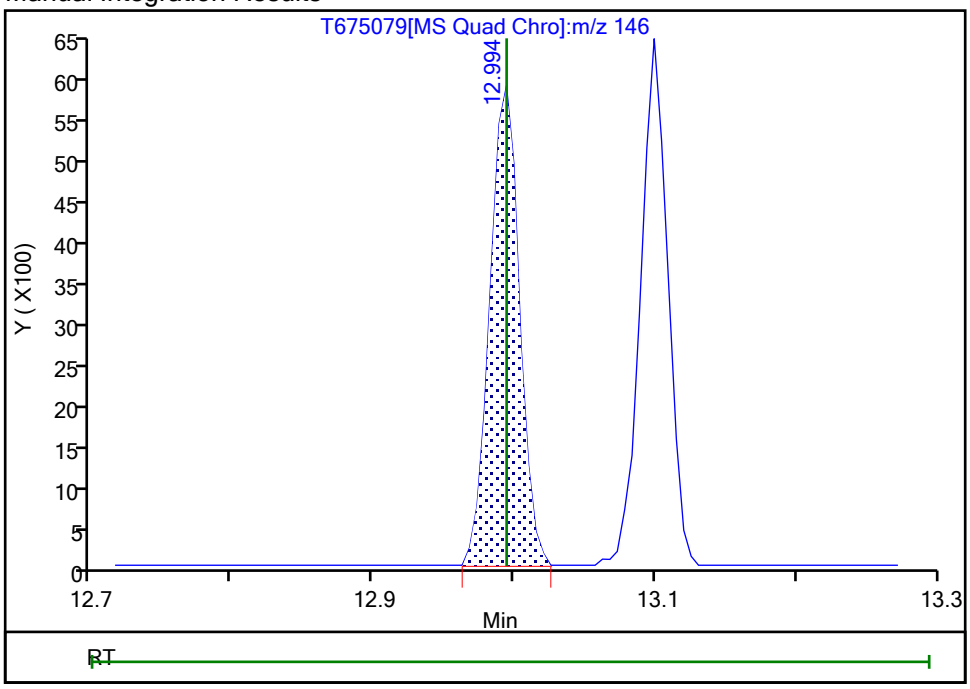
Processing Integration Results

RT: 12.99
Area: 8581
Amount: 0.981419
Amount Units: ug/l



Manual Integration Results

RT: 12.99
Area: 8581
Amount: 1.008843
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 01:07:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675080.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 13-Feb-2024 00:49:03 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0172222-006
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:16:53 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 02:33:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	31	1121	5.00	5.85	
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	80	3629	5.00	4.74	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	90	9052	5.00	5.06	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	26965	5.00	5.32	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	78	3343	5.00	5.09	
6 Chloromethane	50	1.633	1.633	0.001	97	23355	5.00	5.00	
7 Vinyl chloride	62	1.716	1.716	0.000	98	29538	5.00	5.08	
8 Butadiene	54	1.743	1.748	-0.005	89	25731	5.00	5.38	
9 Bromomethane	94	2.015	2.010	0.005	93	9419	5.00	6.56	M
10 Chloroethane	64	2.104	2.104	0.000	97	15296	5.00	5.23	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	98	38950	5.00	4.94	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	99	31623	5.00	5.08	
13 Pentane	72	2.346	2.346	0.000	96	6289	10.0	10.7	
14 Ethanol	46	2.503	2.503	0.000	98	3439	200.0	188.8	
15 Ethyl ether	59	2.550	2.550	0.000	93	15087	5.00	4.88	
17 2-Methyl-1,3-butadiene	53	2.576	2.571	0.005	91	14323	5.00	5.14	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.603	2.602	0.001	90	16886	5.00	4.89	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	27631	5.00	4.94	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	95	18844	5.00	5.47	
19 Acrolein	56	2.734	2.734	0.000	94	14038	20.0	20.7	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	95	19559	5.00	5.15	
22 Acetone	43	2.865	2.865	0.000	90	23243	25.0	21.7	
23 Iodomethane	142	2.928	2.928	0.000	97	17367	5.00	3.25	
25 Isopropyl alcohol	45	2.959	2.959	0.000	30	9967	50.0	48.1	
24 Carbon disulfide	76	2.959	2.959	0.000	98	64195	5.00	5.13	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	83	12458	5.00	5.48	
28 Methyl acetate	43	3.127	3.127	0.000	79	23814	10.0	9.88	
29 Cyclopentene	67	3.132	3.132	0.000	93	38686	5.00	5.14	
26 Acetonitrile	41	3.179	3.179	0.000	89	22498	50.0	51.1	
* 31 TBA-d9 (IS)	66	3.232	3.231	0.001	97	60727	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	3.247	3.247	0.000	41	23585	5.00	5.16	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	97	18652	50.0	48.3	
35 Methyl tert-butyl ether	73	3.421	3.420	0.000	95	50933	5.00	4.97	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	77	22158	5.00	5.19	
33 Acrylonitrile	53	3.536	3.541	-0.005	94	71780	50.0	49.0	
36 Hexane	57	3.630	3.630	0.000	86	19228	5.00	5.42	
40 Isopropyl ether	45	3.861	3.861	0.000	94	45204	5.00	5.05	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	93	33376	5.00	5.00	
38 Vinyl acetate	86	3.913	3.913	0.000	99	5939	10.0	10.5	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	18028	5.00	5.03	
41 Tert-butyl ethyl ether	59	4.212	4.217	-0.005	88	48810	5.00	5.02	
* 42 2-Butanone-d5	46	4.438	4.437	0.001	84	335937	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	51	7565	5.00	5.30	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	90	24267	5.00	5.02	
45 2-Butanone (MEK)	72	4.501	4.500	0.001	99	12735	25.0	23.0	
47 Ethyl acetate	70	4.511	4.511	0.000	96	4318	10.0	9.64	
48 Methyl acrylate	55	4.569	4.569	0.000	99	16252	5.00	4.86	
46 Propionitrile	54	4.653	4.647	0.006	95	28086	50.0	48.6	
49 Chlorobromomethane	128	4.737	4.736	0.001	73	12595	5.00	5.19	
51 Tetrahydrofuran	72	4.737	4.736	0.001	72	5469	10.0	9.75	
50 Methacrylonitrile	67	4.768	4.768	0.000	83	84658	50.0	47.2	
52 Chloroform	83	4.799	4.799	0.000	94	36346	5.00	5.11	
55 Cyclohexane	84	4.941	4.941	0.000	84	27028	5.00	5.27	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	72	31361	5.00	5.13	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.977	0.001	96	171109	50.0	50.4	
56 Carbon tetrachloride	117	5.093	5.093	0.000	97	28303	5.00	5.04	
57 1,1-Dichloropropene	75	5.140	5.135	0.005	95	27124	5.00	5.04	
59 Isobutyl alcohol	43	5.287	5.282	0.005	93	23576	125.0	126.2	a
62 Isooctane	57	5.334	5.329	0.005	98	34890	5.00	5.12	a
60 Benzene	78	5.366	5.360	0.006	92	78538	5.00	5.24	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	153073	50.0	50.5	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	50446	5.00	4.92	
63 Isopropyl acetate	61	5.439	5.444	-0.005	82	9657	5.00	5.02	
61 1,2-Dichloroethane	62	5.471	5.470	0.001	88	23455	5.00	5.01	
66 n-Heptane	43	5.554	5.549	0.005	85	13293	5.00	5.59	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	554592	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	75	10307	125.0	112.7	
67 Trichloroethene	95	6.110	6.110	0.000	95	22439	5.00	4.96	
70 Methylcyclohexane	83	6.257	6.257	0.000	87	26817	5.00	5.23	
69 Ethyl acrylate	55	6.268	6.267	0.001	95	37279	5.00	4.92	
71 1,2-Dichloropropane	63	6.451	6.456	-0.005	93	19320	5.00	5.04	
* 73 1,4-Dioxane-d8	96	6.524	6.519	0.005	1	53432	1000.0	1000.0	
75 Methyl methacrylate	100	6.556	6.561	-0.005	75	10190	10.0	9.12	
74 1,4-Dioxane	88	6.587	6.587	0.000	64	5836	100.0	106.8	
72 Dibromomethane	93	6.603	6.603	0.000	91	14570	5.00	5.20	
76 n-Propyl acetate	43	6.629	6.629	0.000	94	19414	5.00	4.65	
77 Dichlorobromomethane	83	6.787	6.786	0.001	94	27658	5.00	5.03	
78 2-Nitropropane	41	7.190	7.190	0.000	88	7528	10.0	9.30	
79 2-Chloroethyl vinyl ether	106	7.211	7.206	0.005	80	2028	5.01	6.14	
80 Epichlorohydrin	57	7.321	7.321	0.000	99	29946	100.0	100.5	
81 cis-1,3-Dichloropropene	75	7.384	7.389	-0.005	86	33300	5.00	5.21	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	91	63946	25.0	23.7	

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	7.678	7.678	0.000	98	576639	50.0	51.7	
84 Toluene	91	7.772	7.772	0.000	92	85876	5.00	5.05	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	88	29042	5.00	5.12	
86 Ethyl methacrylate	69	8.249	8.249	0.000	82	21342	5.00	4.95	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	95	16624	5.00	5.17	
88 Tetrachloroethene	166	8.496	8.496	0.000	97	24128	5.00	5.15	
89 1,3-Dichloropropane	76	8.706	8.711	-0.005	81	30277	5.00	5.43	
90 2-Hexanone	43	8.800	8.805	-0.005	89	45511	25.0	23.3	
93 n-Butyl acetate	43	8.952	8.947	0.005	95	20606	5.00	4.98	
91 Chlorodibromomethane	129	8.983	8.983	0.000	96	23224	5.00	5.10	
92 Ethylene Dibromide	107	9.162	9.162	0.000	96	20320	5.00	5.11	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	487454	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	55742	5.00	5.09	
97 Ethylbenzene	106	10.016	10.016	0.000	97	29072	5.00	5.10	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	52	20542	5.00	5.33	
98 m-Xylene & p-Xylene	106	10.216	10.210	0.006	95	35371	5.00	5.12	
99 o-Xylene	106	10.855	10.850	0.005	95	33521	5.00	4.93	
101 n-Butyl acrylate	73	10.871	10.871	0.000	90	13579	5.00	4.93	
100 Styrene	104	10.902	10.902	0.000	97	55118	5.00	5.05	
102 Bromoform	173	11.217	11.217	0.000	97	17282	5.00	4.74	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	90	22748	5.00	4.99	
104 Isopropylbenzene	105	11.427	11.427	0.000	94	84370	5.00	5.22	
$ 105 4-Bromofluorobenzene	174	11.705	11.704	0.001	96	221773	50.0	51.2	
106 Bromobenzene	156	11.878	11.878	0.000	86	25227	5.00	4.97	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	90	23477	5.00	5.03	
110 N-Propylbenzene	91	11.998	11.993	0.005	100	99355	5.00	5.13	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	93	7287	5.00	5.01	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	93	5499	5.00	4.99	
111 2-Chlorotoluene	91	12.124	12.124	0.000	95	64195	5.00	5.02	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	81612	5.00	5.03	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	65031	5.00	5.07	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	64560	5.00	5.08	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	21226	5.00	4.66	
116 tert-Butylbenzene	119	12.601	12.601	0.000	93	56091	5.00	5.08	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.001	97	66926	5.00	5.05	
118 sec-Butylbenzene	105	12.848	12.848	0.000	98	80896	5.00	5.18	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	97	41673	5.00	4.93	
122 4-Isopropyltoluene	119	13.010	13.015	-0.005	92	67494	5.00	5.08	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	277831	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	94	42722	5.00	4.95	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	97	67570	5.00	5.01	
124 Benzyl chloride	91	13.262	13.262	0.000	99	39822	5.00	4.74	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	91	69377	5.00	4.95	
127 p-Diethylbenzene	119	13.409	13.409	0.000	93	39243	5.00	4.90	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	31302	5.00	5.04	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	97	38549	5.00	5.03	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	98	53569	5.00	4.81	
129 1,2-Dibromo-3-Chloropropane	157	14.227	14.226	0.001	84	5853	5.00	4.74	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	24746	5.00	4.85	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	20999	5.00	4.67	
133 Hexachlorobutadiene	225	14.976	14.981	-0.005	78	10390	5.00	4.91	
134 Naphthalene	128	15.092	15.092	0.000	99	55511	5.00	4.77	

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	15.280	15.280	0.000	95	18578	5.00	4.79	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.2	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 140 Total BTEX	1				0		25.0	25.4	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

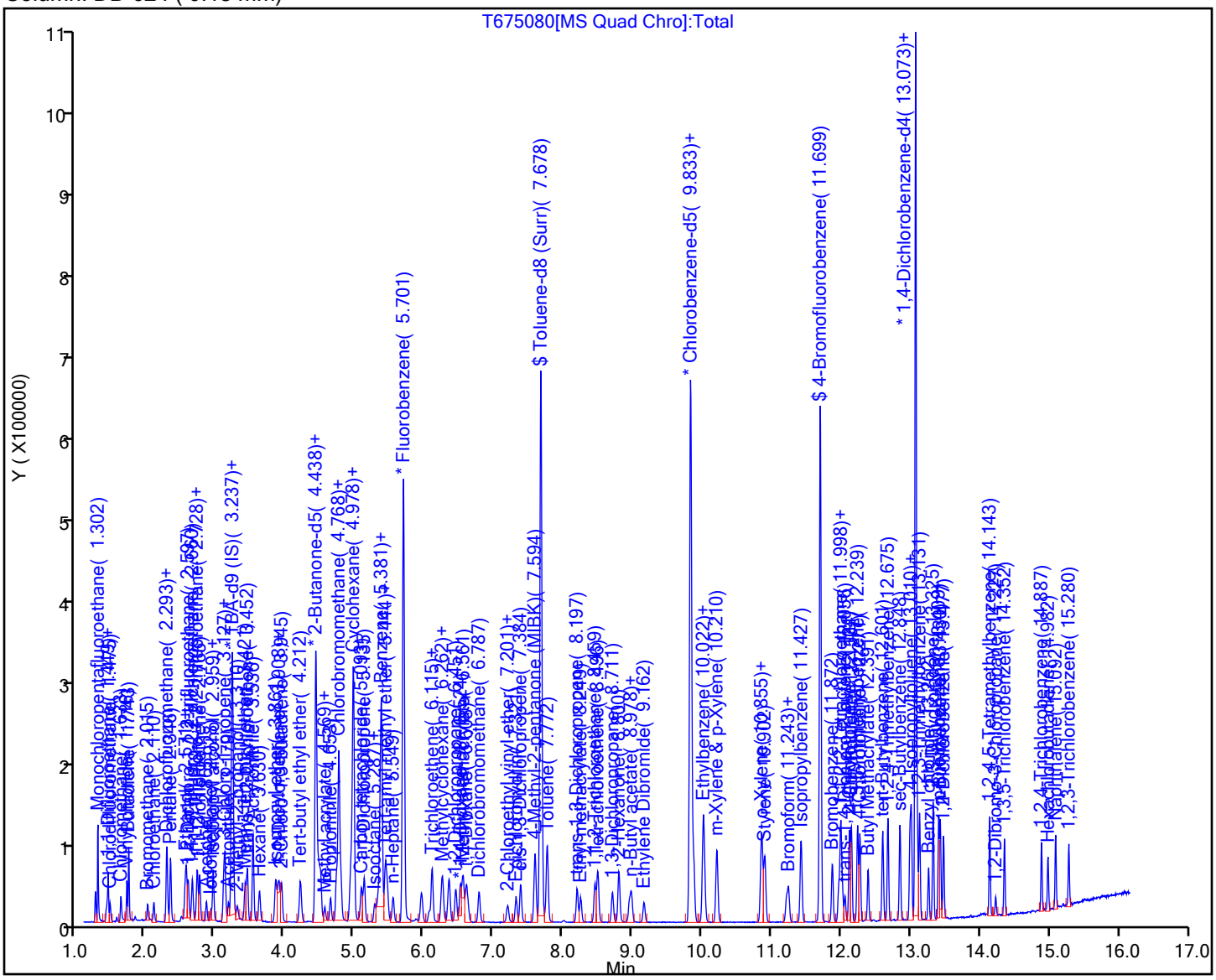
Reagents:

524FREONS_00014	Amount Added:	10.00	Units: uL	
GASES Li_00571	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	10.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:16:53 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675080.D
Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

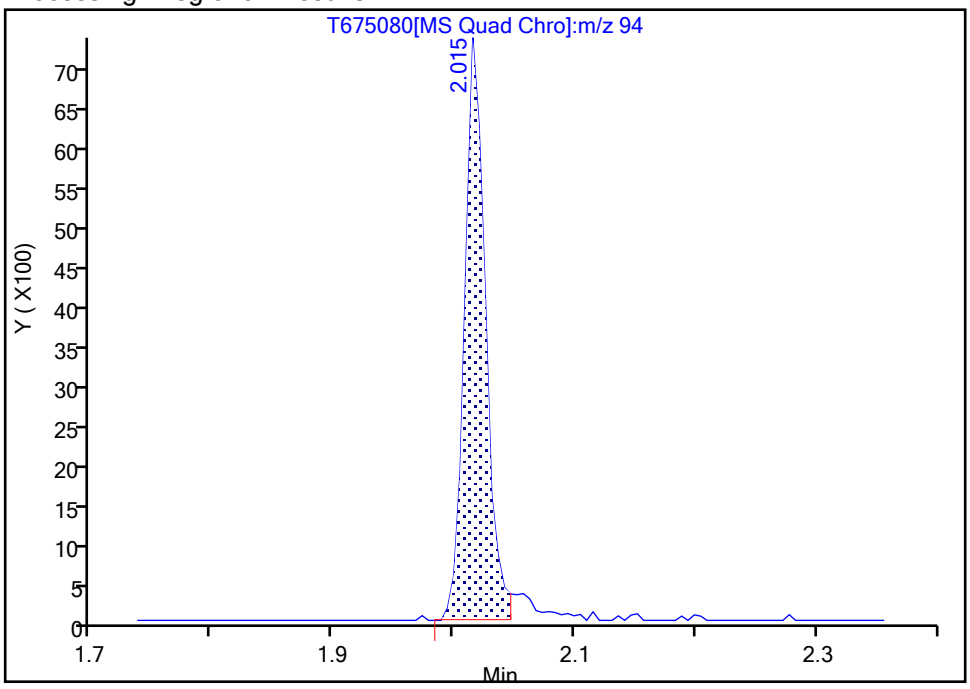
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Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

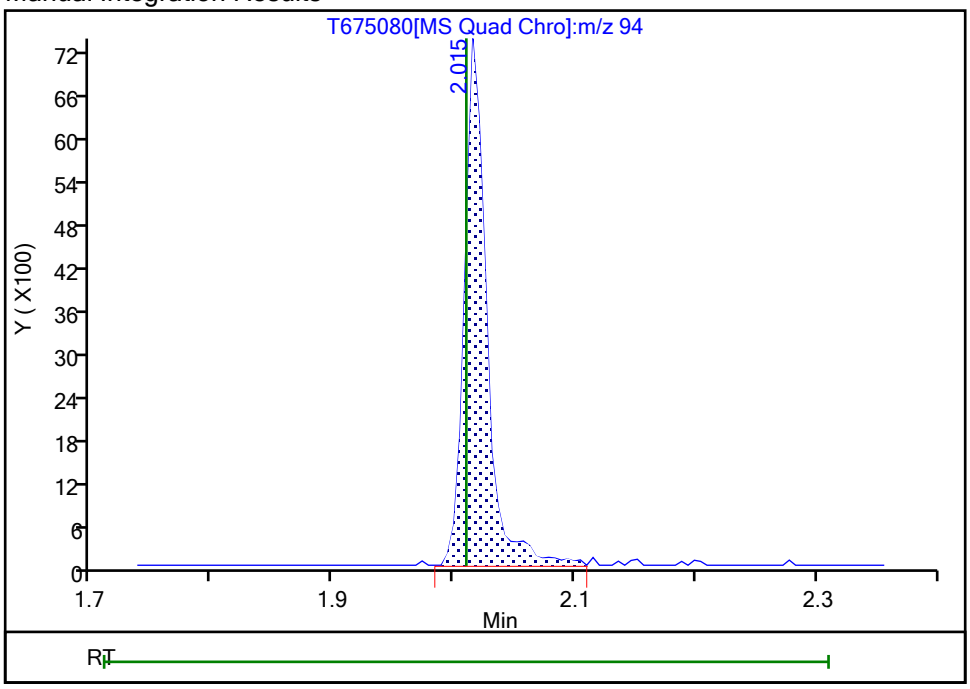
Processing Integration Results

RT: 2.02
Area: 8896
Amount: 5.563626
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 9419
Amount: 6.563364
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:40:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

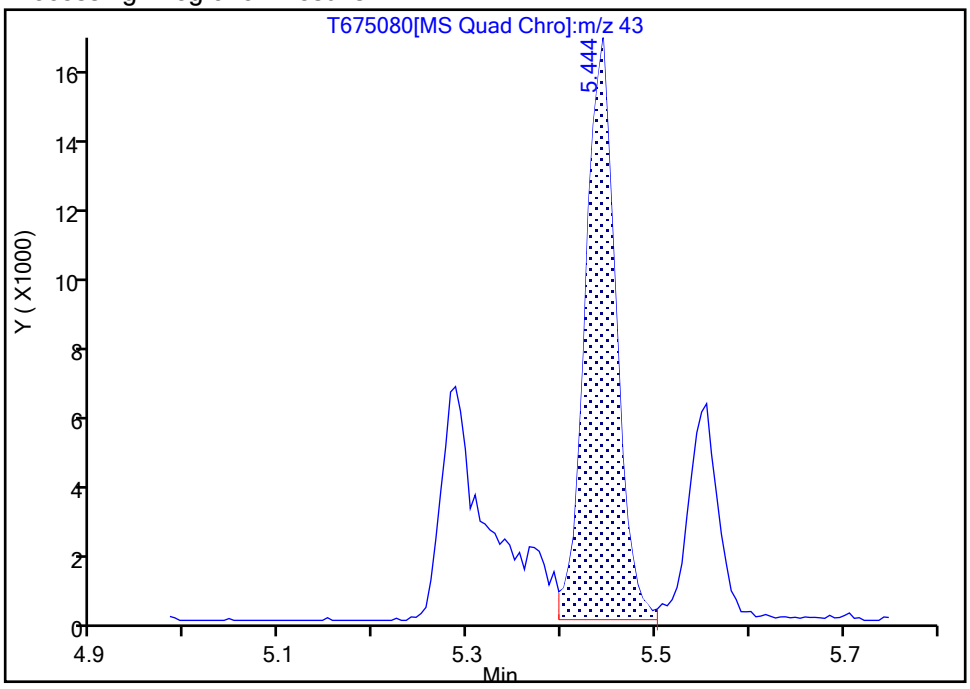
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Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

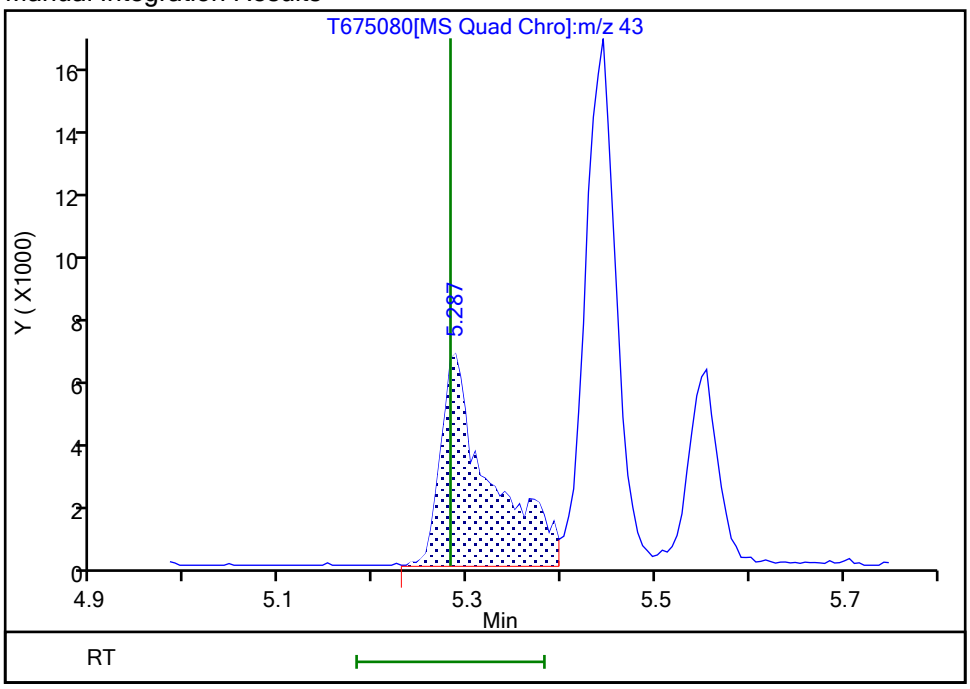
Processing Integration Results

RT: 5.44
Area: 36990
Amount: 125.0047
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 23576
Amount: 126.1941
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:33:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

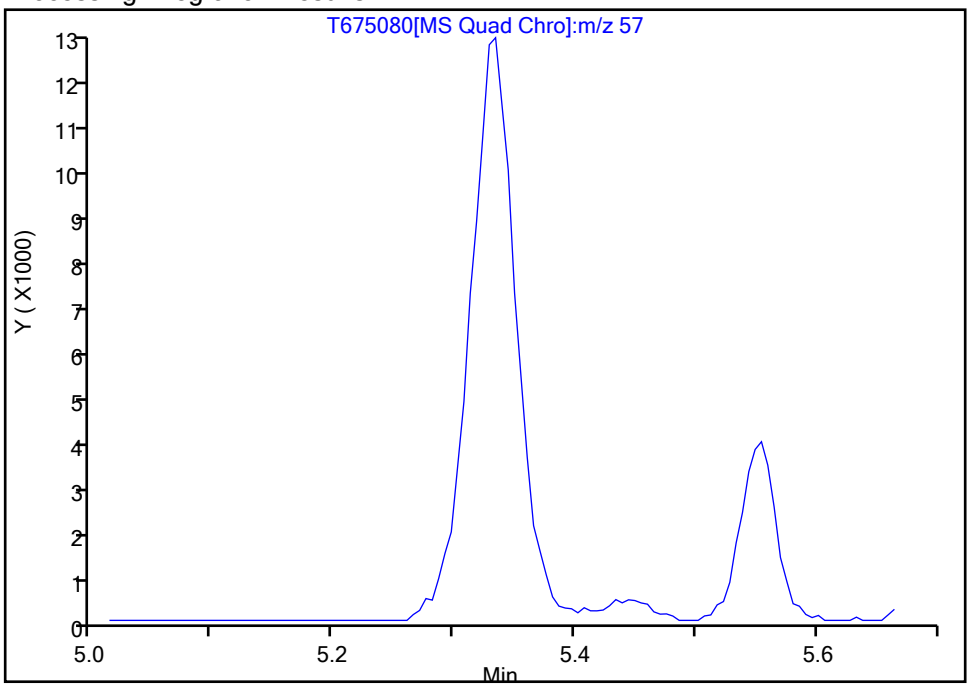
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Injection Date: 13-Feb-2024 00:49:03 Instrument ID: CVOAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

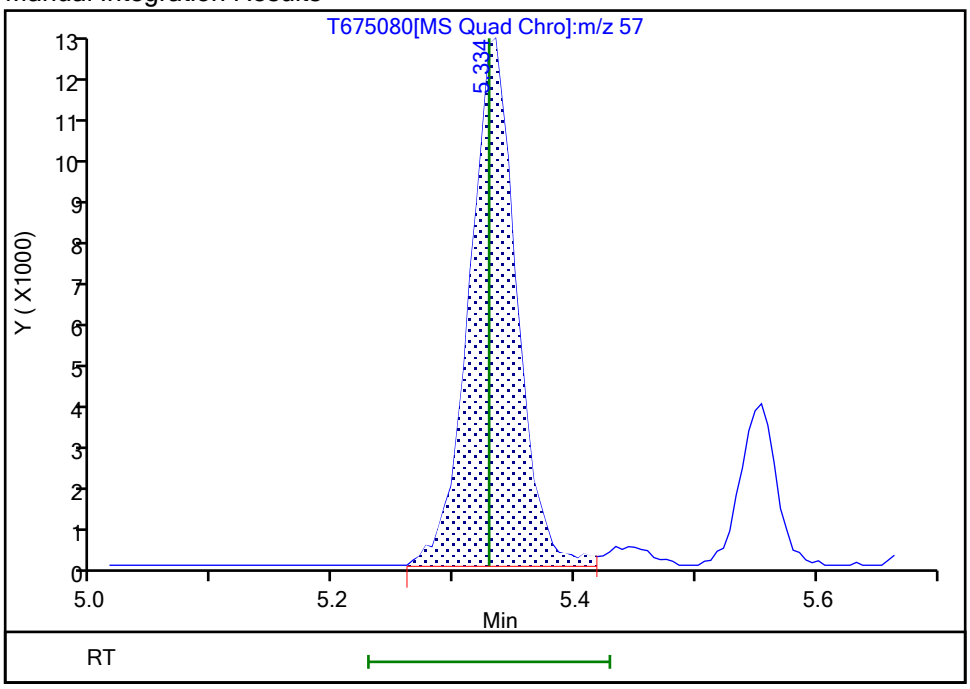
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 34890
Amount: 5.122668
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:33:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675081.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 13-Feb-2024 01:11:52 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0172222-007
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:00 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 14-Feb-2024 21:24:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	72	4233	20.0	21.8	
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	92	15753	20.0	20.3	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	34852	20.0	19.2	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	104433	20.0	20.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	13265	20.0	19.9	
6 Chloromethane	50	1.633	1.633	0.000	88	90937	20.0	19.2	
7 Vinyl chloride	62	1.716	1.716	0.000	83	116999	20.0	19.9	
8 Butadiene	54	1.743	1.743	0.000	88	97300	20.0	20.1	
9 Bromomethane	94	2.010	2.010	0.000	99	33060	20.0	21.6	
10 Chloroethane	64	2.104	2.104	0.000	98	58837	20.0	18.7	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	155778	20.0	19.5	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	99	122891	20.0	19.5	
13 Pentane	72	2.346	2.346	0.000	96	23532	40.0	39.4	
14 Ethanol	46	2.503	2.503	0.000	100	15183	800.0	763.2	
15 Ethyl ether	59	2.550	2.550	0.000	94	59440	20.0	20.0	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	92	54544	20.0	19.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	85	68104	20.0	19.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	109801	20.0	19.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	97	70923	20.0	20.3	
19 Acrolein	56	2.734	2.734	0.000	61	26154	40.0	38.1	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	95	75673	20.0	19.7	
22 Acetone	43	2.865	2.865	0.000	90	100609	100.0	87.4	
23 Iodomethane	142	2.928	2.928	0.000	99	90436	20.0	16.8	
25 Isopropyl alcohol	45	2.959	2.959	0.000	33	44454	200.0	196.5	
24 Carbon disulfide	76	2.959	2.959	0.000	98	251806	20.0	19.9	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	83	48969	20.0	21.3	
28 Methyl acetate	43	3.127	3.127	0.000	82	100548	40.0	41.2	
29 Cyclopentene	67	3.132	3.132	0.000	93	149275	20.0	19.6	
26 Acetonitrile	41	3.179	3.179	0.000	97	91596	200.0	193.9	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	97	66341	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	3.247	3.247	0.000	69	91074	20.0	19.7	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	79899	200.0	189.3	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	212176	20.0	20.5	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	81	85908	20.0	19.9	
33 Acrylonitrile	53	3.536	3.536	0.000	95	305065	200.0	205.7	
36 Hexane	57	3.630	3.630	0.000	86	76890	20.0	21.4	
40 Isopropyl ether	45	3.861	3.861	0.000	94	188118	20.0	20.8	
37 1,1-Dichloroethane	63	3.898	3.898	0.000	99	137449	20.0	20.3	
38 Vinyl acetate	86	3.913	3.913	0.000	99	24584	40.0	40.4	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	84	71427	20.0	19.7	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	89	204085	20.0	20.7	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	87	360784	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	68	29937	20.0	20.7	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	89	96771	20.0	19.8	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	99	54558	100.0	91.9	
47 Ethyl acetate	70	4.511	4.511	0.000	97	18125	40.0	37.7	
48 Methyl acrylate	55	4.569	4.569	0.000	99	71753	20.0	21.2	
46 Propionitrile	54	4.647	4.647	0.000	99	120494	200.0	205.9	
49 Chlorobromomethane	128	4.736	4.736	0.000	74	50686	20.0	20.6	
51 Tetrahydrofuran	72	4.736	4.736	0.000	77	23711	40.0	39.4	
50 Methacrylonitrile	67	4.768	4.768	0.000	83	371585	200.0	204.8	
52 Chloroform	83	4.799	4.799	0.000	100	145230	20.0	20.2	
55 Cyclohexane	84	4.941	4.941	0.000	82	106778	20.0	20.5	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	95	121965	20.0	19.7	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	96	171401	50.0	49.9	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	112056	20.0	19.7	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	108609	20.0	19.9	
59 Isobutyl alcohol	43	5.282	5.282	0.000	95	103880	500.0	509.0	a
62 Isooctane	57	5.329	5.329	0.000	100	144939	20.0	21.0	a
60 Benzene	78	5.360	5.360	0.000	95	317801	20.0	20.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	153283	50.0	50.0	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	214451	20.0	20.7	
63 Isopropyl acetate	61	5.444	5.444	0.000	82	40033	20.0	20.5	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	97	93490	20.0	19.7	
66 n-Heptane	43	5.549	5.549	0.000	83	49243	20.0	20.5	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	561646	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	51346	500.0	514.1	
67 Trichloroethene	95	6.110	6.110	0.000	96	93820	20.0	20.5	
70 Methylcyclohexane	83	6.257	6.257	0.000	84	105013	20.0	20.2	
69 Ethyl acrylate	55	6.267	6.267	0.000	96	157970	20.0	20.6	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	93	78524	20.0	20.2	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	54645	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	78	46303	40.0	40.9	
74 1,4-Dioxane	88	6.587	6.587	0.000	64	23465	400.0	419.7	
72 Dibromomethane	93	6.603	6.603	0.000	94	57751	20.0	20.3	
76 n-Propyl acetate	43	6.629	6.629	0.000	94	90950	20.0	21.5	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	112751	20.0	20.2	
78 2-Nitropropane	41	7.190	7.190	0.000	87	31129	40.0	38.0	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	78	9508	20.0	28.6	
80 Epichlorohydrin	57	7.321	7.321	0.000	99	132399	400.0	413.7	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	81	139011	20.0	21.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	92	292014	100.0	100.9	

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	7.678	7.678	0.000	98	586810	50.0	50.8	
84 Toluene	91	7.772	7.772	0.000	91	348973	20.0	19.8	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	93	123749	20.0	21.1	
86 Ethyl methacrylate	69	8.249	8.249	0.000	84	94165	20.0	21.1	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	68655	20.0	20.6	
88 Tetrachloroethene	166	8.496	8.496	0.000	92	98782	20.0	20.4	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	87	125784	20.0	21.8	
90 2-Hexanone	43	8.805	8.805	0.000	91	207025	100.0	98.8	
93 n-Butyl acetate	43	8.947	8.947	0.000	96	87461	20.0	20.4	
91 Chlorodibromomethane	129	8.983	8.983	0.000	95	95897	20.0	20.4	
92 Ethylene Dibromide	107	9.162	9.162	0.000	98	86367	20.0	21.0	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	84	504423	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	230965	20.0	20.4	
97 Ethylbenzene	106	10.016	10.016	0.000	97	117537	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	57	85213	20.0	21.4	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	141725	20.0	19.8	
99 o-Xylene	106	10.850	10.850	0.000	95	141518	20.0	20.1	
101 n-Butyl acrylate	73	10.871	10.871	0.000	96	58519	20.0	20.5	
100 Styrene	104	10.902	10.902	0.000	96	232028	20.0	20.5	
102 Bromoform	173	11.217	11.217	0.000	97	74509	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	92	97396	20.0	20.9	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	339032	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	11.705	11.705	0.000	96	222599	50.0	49.7	
106 Bromobenzene	156	11.878	11.878	0.000	86	103646	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	96499	20.0	20.3	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	399031	20.0	20.2	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	94	30620	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	95	23984	20.0	21.3	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	261278	20.0	20.0	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	334800	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	264783	20.0	20.2	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	262495	20.0	20.3	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	94871	20.0	20.4	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	225908	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.000	97	276766	20.0	20.5	
118 sec-Butylbenzene	105	12.848	12.848	0.000	99	322286	20.0	20.2	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	172248	20.0	20.0	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	96	272818	20.0	20.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	283357	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	174992	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	275415	20.0	20.0	
124 Benzyl chloride	91	13.262	13.262	0.000	100	172551	20.0	20.2	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	91	289528	20.0	20.3	
127 p-Diethylbenzene	119	13.409	13.409	0.000	95	161941	20.0	19.8	
128 n-Butylbenzene	92	13.430	13.430	0.000	98	129138	20.0	20.4	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	160883	20.0	20.6	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	226379	20.0	19.9	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	88	25737	20.0	20.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	94	103219	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	89663	20.0	19.6	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	81	40449	20.0	18.7	
134 Naphthalene	128	15.092	15.092	0.000	99	237018	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	95	77610	20.0	19.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 137 Xylenes, Total	100				0		40.0	39.9	
S 140 Total BTEX	1				0		100.0	100.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00014	Amount Added:	20.00	Units: uL	
GASES Li_00571	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:01 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675081.D

Injection Date: 13-Feb-2024 01:11:52 Instrument ID: CVOAMS15

Lims ID: STD20

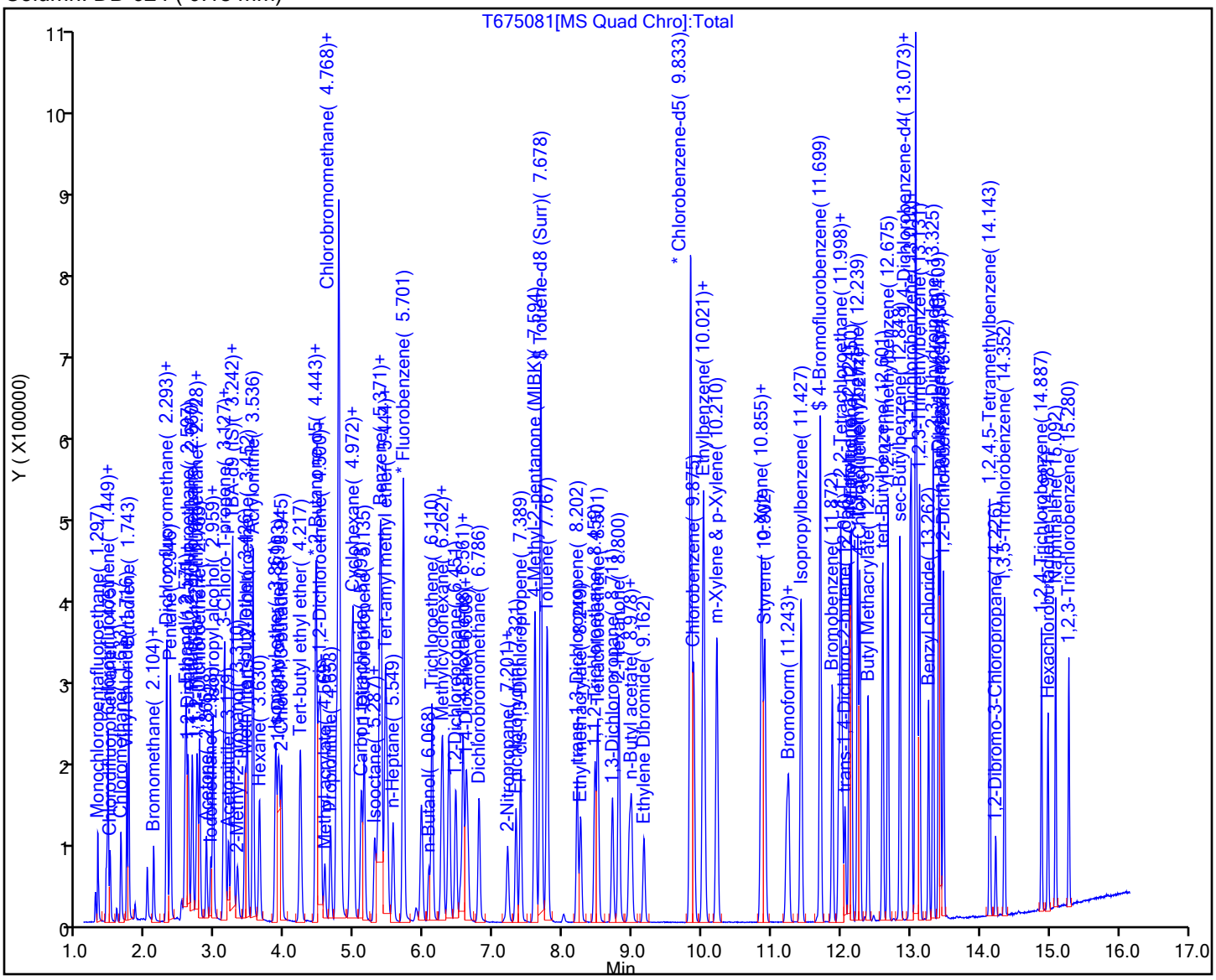
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

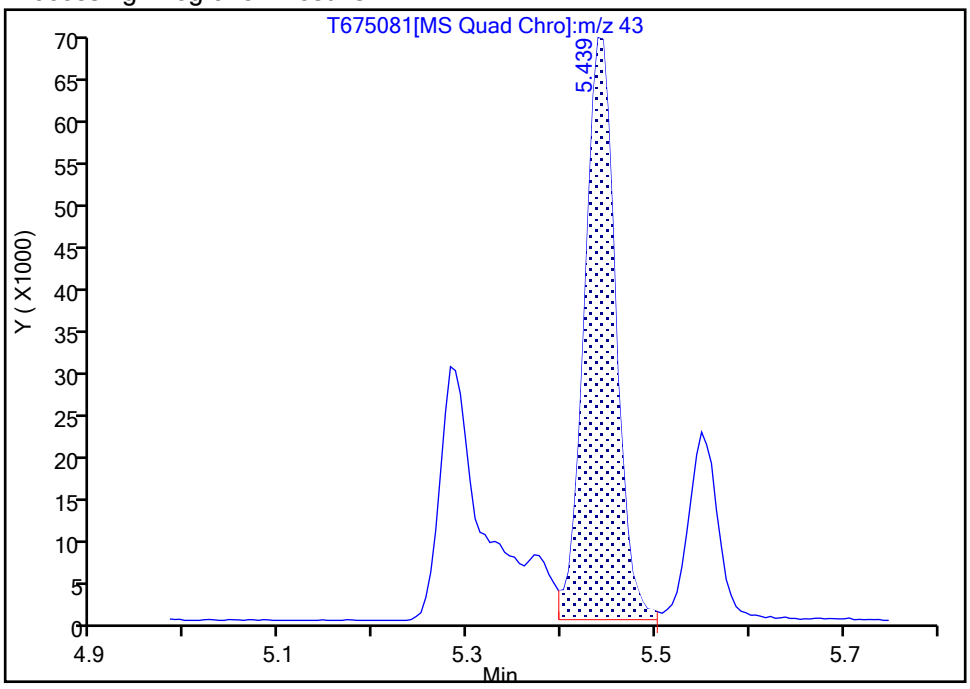
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Injection Date: 13-Feb-2024 01:11:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

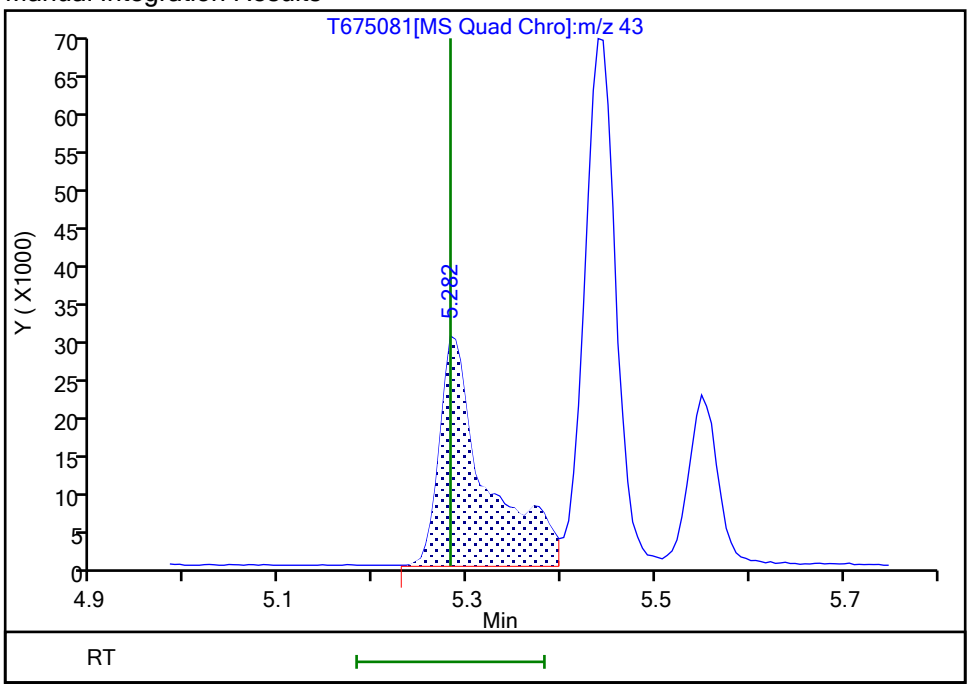
Processing Integration Results

RT: 5.44
Area: 162178
Amount: 500.0292
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 103880
Amount: 508.9799
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:34:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

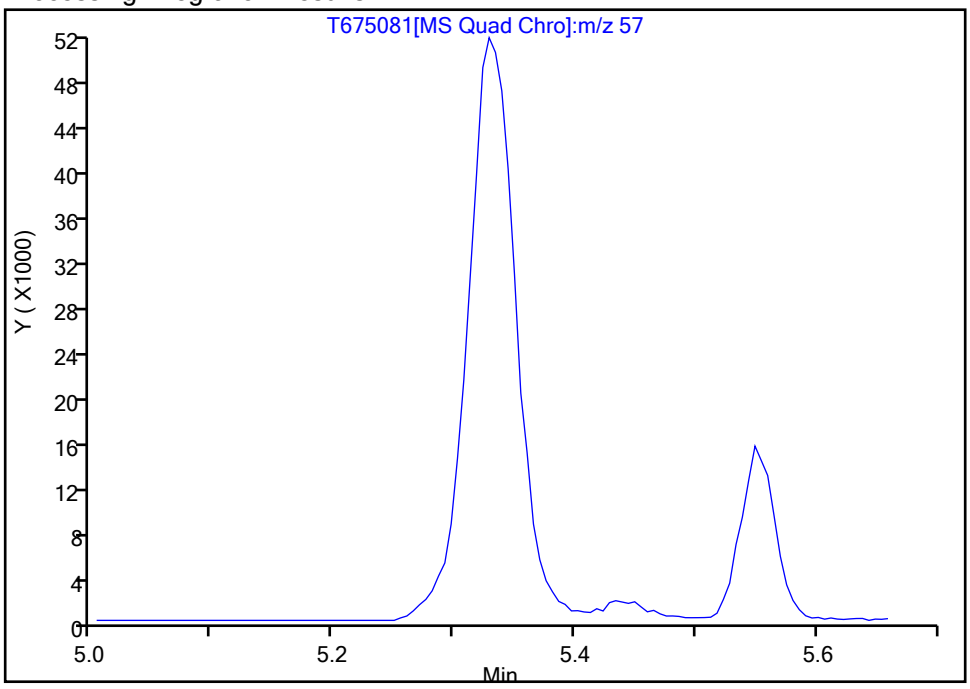
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Injection Date: 13-Feb-2024 01:11:52 Instrument ID: CVOAMS15
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

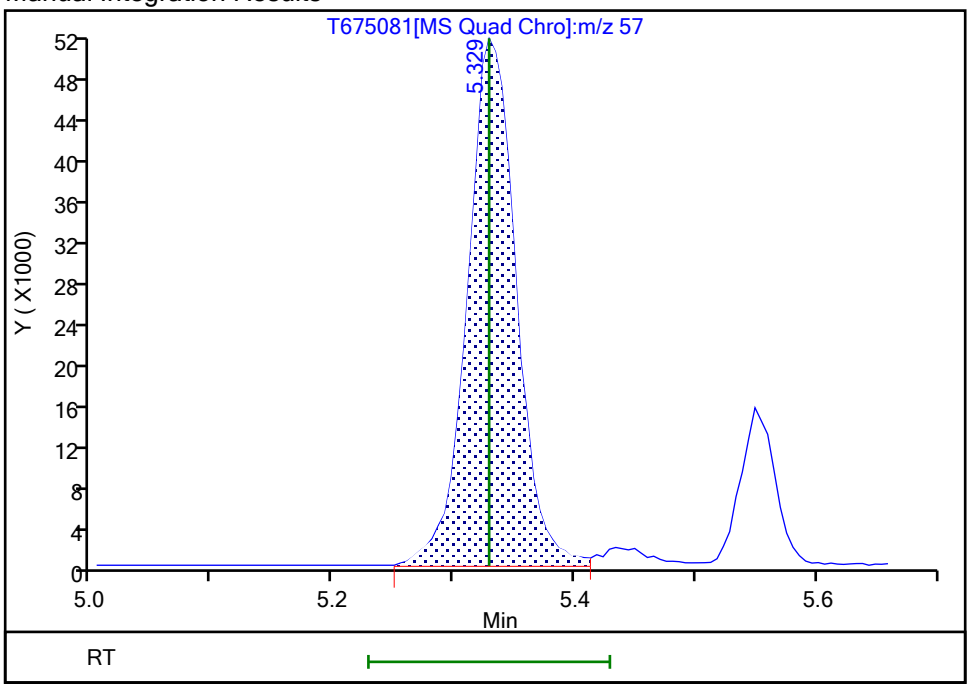
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 144939
Amount: 21.013164
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:34:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675082.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Feb-2024 01:34:41 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0172222-008
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:08 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 02:37:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	94	10680	50.0	53.8	
3 Chlorotrifluoroethene	116	1.417	1.418	-0.001	94	41845	50.0	52.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	85437	50.0	46.1	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	269389	50.0	51.4	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	33063	50.0	48.6	
6 Chloromethane	50	1.632	1.633	0.000	88	225591	50.0	46.6	
7 Vinyl chloride	62	1.716	1.716	0.000	98	291890	50.0	48.5	
8 Butadiene	54	1.748	1.743	0.005	88	242501	50.0	49.0	
9 Bromomethane	94	2.005	2.010	-0.005	98	83724	50.0	49.2	
10 Chloroethane	64	2.099	2.104	-0.005	96	154203	50.0	50.3	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	98	393545	50.0	48.2	
12 Trichlorofluoromethane	101	2.293	2.298	-0.005	86	325044	50.0	50.4	
13 Pentane	72	2.346	2.346	0.000	96	61991	100.0	101.6	
14 Ethanol	46	2.508	2.503	0.005	99	36030	2000.0	1885.0	
15 Ethyl ether	59	2.550	2.550	0.000	92	149958	50.0	49.8	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	91	142100	50.0	49.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.602	-0.005	93	170503	50.0	47.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	277352	50.0	47.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	97	182933	50.0	51.2	
19 Acrolein	56	2.733	2.734	-0.001	64	69950	100.0	99.6	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	94	191169	50.0	48.6	
22 Acetone	43	2.865	2.865	0.000	91	246695	250.0	219.6	
23 Iodomethane	142	2.927	2.928	-0.001	98	252407	50.0	46.5	
25 Isopropyl alcohol	45	2.959	2.959	0.000	32	105725	500.0	486.4	
24 Carbon disulfide	76	2.959	2.959	0.000	98	639962	50.0	49.4	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	84	118956	50.0	50.5	
28 Methyl acetate	43	3.127	3.127	0.000	79	253047	100.0	101.4	
29 Cyclopentene	67	3.132	3.132	0.000	95	381575	50.0	49.0	
26 Acetonitrile	41	3.184	3.179	0.005	99	220774	500.0	479.0	
* 31 TBA-d9 (IS)	66	3.237	3.232	0.005	95	63738	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	3.247	3.247	0.000	82	231144	50.0	48.8	
32 2-Methyl-2-propanol	59	3.315	3.310	0.005	98	194545	500.0	479.7	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	543945	50.0	51.3	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	91	220490	50.0	49.9	
33 Acrylonitrile	53	3.536	3.536	0.000	95	749078	500.0	494.1	
36 Hexane	57	3.625	3.630	-0.005	86	196072	50.0	53.3	
40 Isopropyl ether	45	3.861	3.861	0.000	95	480398	50.0	51.8	
37 1,1-Dichloroethane	63	3.892	3.898	-0.006	99	345096	50.0	50.0	
38 Vinyl acetate	86	3.918	3.913	0.005	99	53315	100.0	89.8	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	84	182219	50.0	49.1	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	91	523129	50.0	52.0	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	87	351974	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	87	72409	50.0	49.0	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	96	246283	50.0	49.2	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	99	138173	250.0	238.5	
47 Ethyl acetate	70	4.511	4.511	0.000	97	45303	100.0	96.5	
48 Methyl acrylate	55	4.569	4.569	0.000	99	176399	50.0	50.9	
46 Propionitrile	54	4.652	4.647	0.005	99	292685	500.0	489.0	
49 Chlorobromomethane	128	4.736	4.736	0.000	74	121819	50.0	48.4	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	83	58238	100.0	99.1	
50 Methacrylonitrile	67	4.773	4.768	0.005	81	931911	500.0	502.2	
52 Chloroform	83	4.799	4.799	0.000	100	362273	50.0	49.2	
55 Cyclohexane	84	4.941	4.941	0.000	84	268174	50.0	50.4	
54 1,1,1-Trichloroethane	97	4.962	4.957	0.005	91	312383	50.0	49.3	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	97	173215	50.0	49.3	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	286744	50.0	49.3	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	270637	50.0	48.6	
59 Isobutyl alcohol	43	5.287	5.282	0.005	96	258211	1250.0	1316.8	a
62 Isooctane	57	5.329	5.329	0.000	99	373900	50.0	53.0	a
60 Benzene	78	5.360	5.360	0.000	94	800557	50.0	50.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	74	154672	50.0	49.3	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	559059	50.0	52.7	
63 Isopropyl acetate	61	5.444	5.444	0.000	84	101196	50.0	50.8	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	97	237069	50.0	48.9	
66 n-Heptane	43	5.549	5.549	0.000	85	126611	50.0	51.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	574292	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	129950	1250.0	1354.3	
67 Trichloroethene	95	6.110	6.110	0.000	92	237330	50.0	50.6	
70 Methylcyclohexane	83	6.257	6.257	0.000	84	272117	50.0	51.3	
69 Ethyl acrylate	55	6.267	6.267	0.000	97	406623	50.0	51.9	
71 1,2-Dichloropropane	63	6.451	6.456	-0.005	93	198204	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	53640	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	79	119229	100.0	103.1	
74 1,4-Dioxane	88	6.592	6.587	0.005	49	55871	1000.0	1018.1	
72 Dibromomethane	93	6.603	6.603	0.000	94	149437	50.0	51.5	
76 n-Propyl acetate	43	6.629	6.629	0.000	95	220400	50.0	51.0	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	289407	50.0	50.8	
78 2-Nitropropane	41	7.190	7.190	0.000	89	77764	100.0	92.7	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	74	20766	50.1	61.7	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	318923	1000.0	1021.5	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	87	351360	50.0	51.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	91	746771	250.0	264.6	

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	7.678	7.678	0.000	98	603040	50.0	50.6	
84 Toluene	91	7.772	7.772	0.000	92	886612	50.0	48.8	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	93	317316	50.0	52.4	
86 Ethyl methacrylate	69	8.249	8.249	0.000	84	247838	50.0	53.8	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	95	174929	50.0	50.9	
88 Tetrachloroethene	166	8.501	8.496	0.005	98	252314	50.0	50.4	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	86	319717	50.0	53.7	
90 2-Hexanone	43	8.800	8.805	-0.005	90	522650	250.0	255.7	
93 n-Butyl acetate	43	8.952	8.947	0.005	96	224587	50.0	50.8	
91 Chlorodibromomethane	129	8.983	8.983	0.000	96	252720	50.0	51.9	
92 Ethylene Dibromide	107	9.162	9.162	0.000	98	221468	50.0	52.1	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	520759	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	592361	50.0	50.6	
97 Ethylbenzene	106	10.016	10.016	0.000	97	307006	50.0	50.4	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	57	221701	50.0	53.8	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	95	363204	50.0	49.2	
99 o-Xylene	106	10.855	10.850	0.005	95	362279	50.0	49.9	
101 n-Butyl acrylate	73	10.871	10.871	0.000	96	155371	50.0	52.8	
100 Styrene	104	10.902	10.902	0.000	97	603940	50.0	51.8	
102 Bromoform	173	11.217	11.217	0.000	97	191559	50.0	49.2	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	92	247421	50.0	52.0	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	870354	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	230818	50.0	49.9	
106 Bromobenzene	156	11.877	11.878	-0.001	87	265389	50.0	50.1	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	242766	50.0	49.8	
110 N-Propylbenzene	91	11.998	11.993	0.005	99	1023391	50.0	50.7	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	78312	50.0	51.6	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	94	59853	50.0	52.0	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	669702	50.0	50.2	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	855802	50.0	50.5	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	682653	50.0	51.0	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	669890	50.0	50.5	
115 Butyl Methacrylate	87	12.391	12.391	0.000	80	253134	50.0	53.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	575376	50.0	49.9	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	97	716543	50.0	51.9	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	820403	50.0	50.3	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	447479	50.0	50.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	94	703708	50.0	50.8	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	289912	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	97	449627	50.0	49.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	714402	50.0	50.8	
124 Benzyl chloride	91	13.262	13.262	0.000	99	441678	50.0	50.4	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	90	742436	50.0	50.8	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	94	421623	50.0	50.5	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	328124	50.0	50.6	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	407229	50.0	51.0	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	-0.001	97	590445	50.0	50.8	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	89	65129	50.0	50.5	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	270409	50.0	50.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	238187	50.0	50.8	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	81	104068	50.0	47.1	
134 Naphthalene	128	15.092	15.092	0.000	99	617832	50.0	50.9	

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	15.280	15.280	0.000	94	204241	50.0	50.5	
S 136 1,2-Dichloroethene, Total	100				0		100.0	99.1	
S 137 Xylenes, Total	100				0		100.0	99.1	
S 140 Total BTEX	1				0		250.0	248.3	
S 139 1,3-Dichloropropene, Total	1				0		100.0	103.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

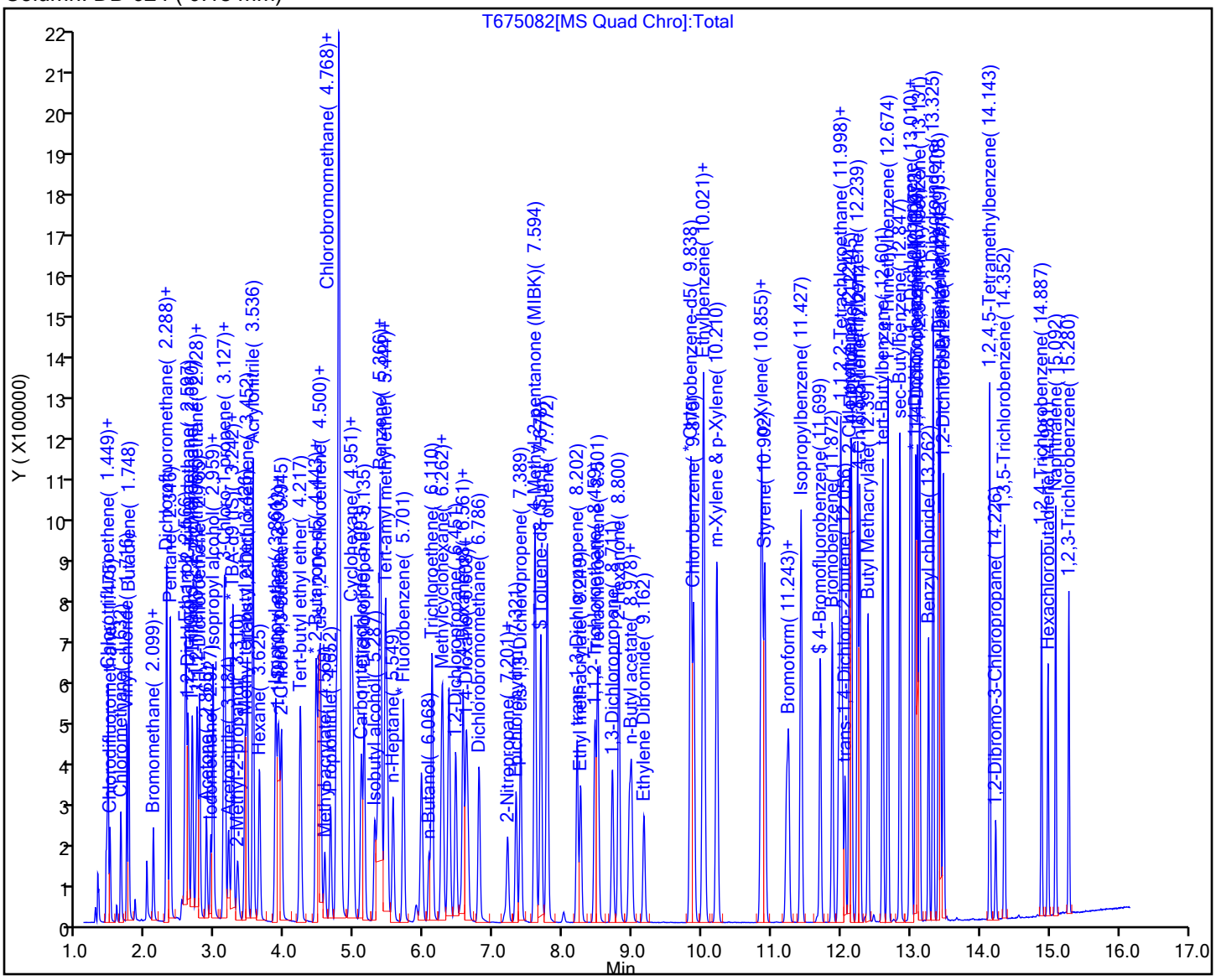
Reagents:

524FREONS_00014	Amount Added: 50.00	Units: uL	
GASES Li_00571	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00183	Amount Added: 50.00	Units: uL	
ACROLEIN W_00165	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00069	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:09 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675082.D
Injection Date: 13-Feb-2024 01:34:41 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

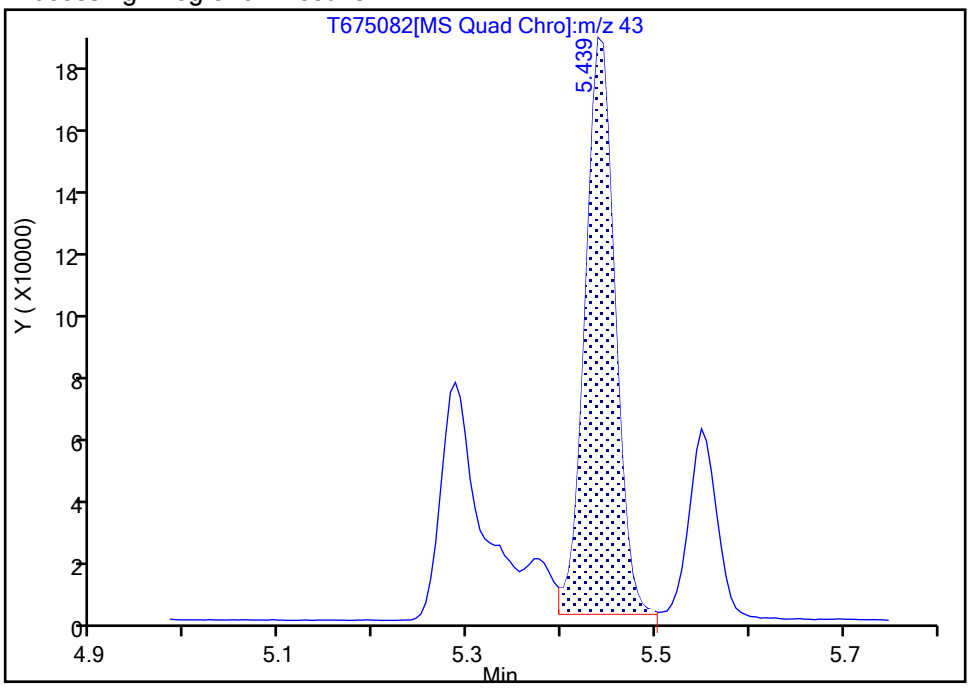
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Injection Date: 13-Feb-2024 01:34:41 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

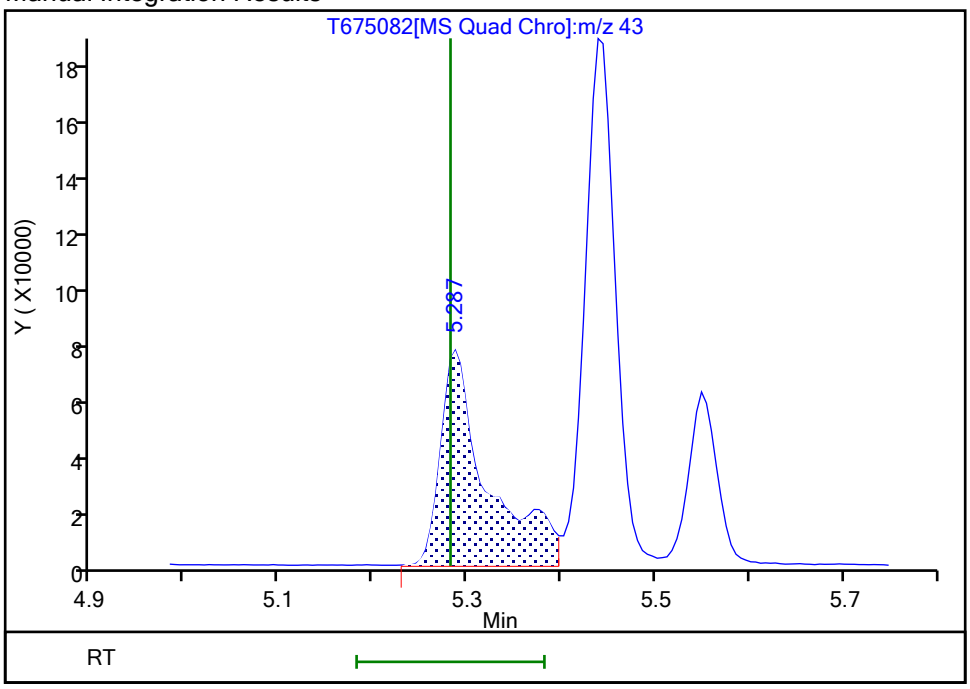
Processing Integration Results

RT: 5.44
Area: 403979
Amount: 1250.6812
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 258211
Amount: 1316.8219
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:36:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

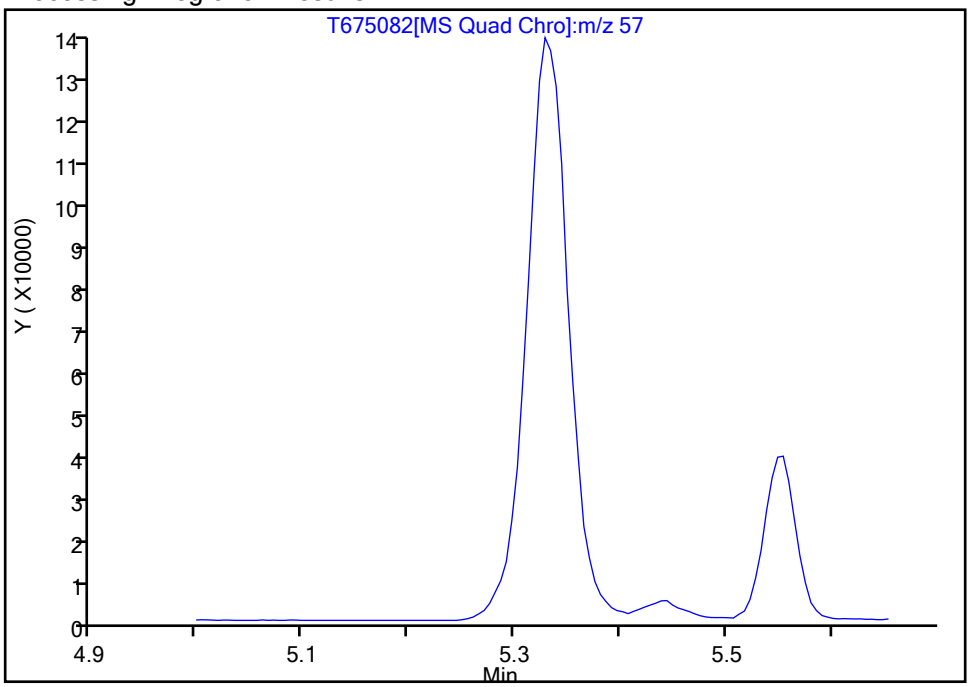
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Injection Date: 13-Feb-2024 01:34:41 Instrument ID: CVOAMS15
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

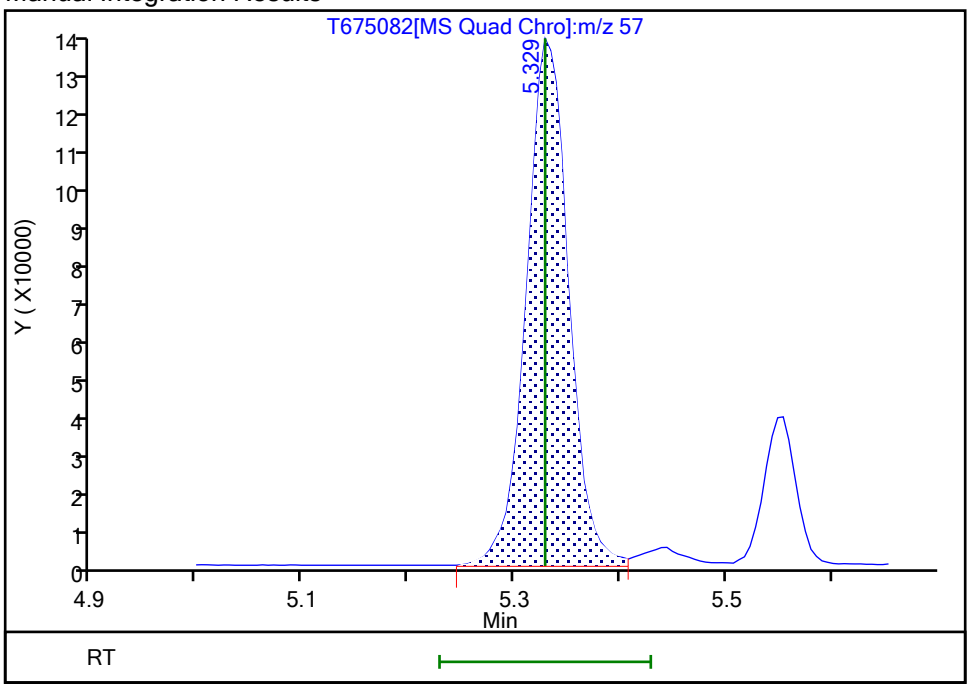
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 373900
Amount: 53.014119
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:36:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675083.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Feb-2024 01:57:32 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0172222-009
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:18 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: K0HS Date: 14-Feb-2024 13:18:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	93	29237	200.0	144.6	
3 Chlorotrifluoroethene	116	1.417	1.418	-0.001	88	142098	200.0	175.8	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	326878	200.0	173.1	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	947284	200.0	177.2	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	124012	200.0	178.9	
6 Chloromethane	50	1.632	1.633	0.000	99	983559	200.0	199.5	
7 Vinyl chloride	62	1.716	1.716	0.000	98	1165988	200.0	190.2	
8 Butadiene	54	1.742	1.743	-0.001	88	924979	200.0	183.4	
9 Bromomethane	94	2.010	2.010	0.000	99	503928	200.0	200.0	
10 Chloroethane	64	2.099	2.104	-0.005	96	628092	200.0	197.0	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	98	1668920	200.0	200.6	
12 Trichlorofluoromethane	101	2.293	2.298	-0.005	81	1271876	200.0	193.5	
13 Pentane	72	2.345	2.346	-0.001	95	218801	400.0	351.9	
14 Ethanol	46	2.508	2.503	0.005	99	155514	8000.0	7599.0	
15 Ethyl ether	59	2.550	2.550	0.000	93	616112	200.0	201.6	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	91	542582	200.0	184.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	91	686510	200.0	188.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	97	1131051	200.0	191.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	98	640081	200.0	175.9	
19 Acrolein	56	2.733	2.734	-0.001	50	155313	200.0	217.1	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	94	727336	200.0	181.5	
22 Acetone	43	2.864	2.865	-0.001	91	1362294	1000.0	1165.3	
23 Iodomethane	142	2.927	2.928	-0.001	99	1046974	200.0	202.2	
25 Isopropyl alcohol	45	2.959	2.959	0.000	33	448086	2000.0	1925.5	
24 Carbon disulfide	76	2.959	2.959	0.000	98	2436387	200.0	184.6	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	84	389118	200.0	162.2	
28 Methyl acetate	43	3.127	3.127	0.000	80	999700	400.0	393.1	
29 Cyclopentene	67	3.127	3.132	-0.005	96	1469123	200.0	185.1	
26 Acetonitrile	41	3.184	3.179	0.005	100	873417	2000.0	1820.7	
* 31 TBA-d9 (IS)	66	3.237	3.232	0.005	62	68243	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	3.247	3.247	0.000	82	916412	200.0	190.0	
32 2-Methyl-2-propanol	59	3.315	3.310	0.005	98	811868	2000.0	1869.7	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	2224519	200.0	205.9	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	80	873358	200.0	194.0	
33 Acrylonitrile	53	3.536	3.536	0.000	95	3117678	2000.0	2017.8	
36 Hexane	57	3.625	3.630	-0.005	85	659228	200.0	176.0	
40 Isopropyl ether	45	3.861	3.861	0.000	95	1950595	200.0	206.6	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	1353953	200.0	192.3	
38 Vinyl acetate	86	3.918	3.913	0.005	99	228070	400.0	368.9	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	86	748670	200.0	198.1	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	90	2182813	200.0	212.9	
* 42 2-Butanone-d5	46	4.443	4.438	0.005	60	366343	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	91	287364	200.0	190.9	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	94	1003423	200.0	196.6	
45 2-Butanone (MEK)	72	4.506	4.500	0.006	99	643913	1000.0	1067.8	
47 Ethyl acetate	70	4.511	4.511	0.000	97	203753	400.0	417.1	
48 Methyl acrylate	55	4.568	4.569	-0.001	99	736431	200.0	208.7	
46 Propionitrile	54	4.652	4.647	0.005	99	1229123	2000.0	2015.2	
49 Chlorobromomethane	128	4.736	4.736	0.000	75	490788	200.0	191.5	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	84	247307	400.0	404.3	
50 Methacrylonitrile	67	4.778	4.768	0.010	77	4239319	2000.0	2241.8	
52 Chloroform	83	4.804	4.799	0.005	99	1442576	200.0	192.3	
55 Cyclohexane	84	4.941	4.941	0.000	82	969451	200.0	179.0	
54 1,1,1-Trichloroethane	97	4.956	4.957	-0.001	97	1213523	200.0	188.0	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	53	176501	50.0	49.3	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	1122821	200.0	189.4	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	94	1051769	200.0	185.2	
59 Isobutyl alcohol	43	5.287	5.282	0.005	96	900170	5000.0	4287.6	a
62 Isooctane	57	5.334	5.329	0.005	100	1336764	200.0	186.0	a
60 Benzene	78	5.360	5.360	0.000	94	3203546	200.0	186.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	45	158990	50.0	49.7	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	2376176	200.0	219.8	
63 Isopropyl acetate	61	5.444	5.444	0.000	83	430814	200.0	212.1	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	97	945099	200.0	191.2	
66 n-Heptane	43	5.549	5.549	0.000	83	418137	200.0	166.6	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	585255	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	580936	5000.0	5654.6	
67 Trichloroethene	95	6.110	6.110	0.000	96	953027	200.0	199.6	
70 Methylcyclohexane	83	6.257	6.257	0.000	83	979346	200.0	181.1	
69 Ethyl acrylate	55	6.267	6.267	0.000	97	1642364	200.0	205.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	93	796856	200.0	197.1	
* 73 1,4-Dioxane-d8	96	6.529	6.524	0.005	4	59985	1000.0	1000.0	a
75 Methyl methacrylate	100	6.561	6.561	0.000	78	533062	400.0	452.1	
74 1,4-Dioxane	88	6.592	6.587	0.005	50	231897	4000.0	3778.7	
72 Dibromomethane	93	6.603	6.603	0.000	93	608659	200.0	205.7	
76 n-Propyl acetate	43	6.629	6.629	0.000	95	985945	200.0	223.7	
77 Dichlorobromomethane	83	6.786	6.786	0.000	98	1179041	200.0	203.1	
78 2-Nitropropane	41	7.195	7.190	0.005	90	344523	400.0	403.2	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	64	64159	200.5	194.2	
80 Epichlorohydrin	57	7.326	7.321	0.005	99	1279140	4000.0	3936.2	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	86	1433348	200.0	195.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	90	3121788	1000.0	1062.6	

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	7.678	7.678	0.000	98	619026	50.0	48.3	
84 Toluene	91	7.772	7.772	0.000	92	3572254	200.0	183.2	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	92	1316697	200.0	202.2	
86 Ethyl methacrylate	69	8.254	8.249	0.005	83	1046407	200.0	211.4	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	723448	200.0	195.9	
88 Tetrachloroethene	166	8.501	8.496	0.005	98	1023970	200.0	190.5	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	86	1320312	200.0	206.5	
90 2-Hexanone	43	8.805	8.805	0.000	89	2323129	1000.0	1091.9	
93 n-Butyl acetate	43	8.952	8.947	0.005	95	965844	200.0	203.4	
91 Chlorodibromomethane	129	8.983	8.983	0.000	97	1057015	200.0	202.3	
92 Ethylene Dibromide	107	9.167	9.162	0.005	98	915102	200.0	200.6	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	62	559415	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	98	2432207	200.0	193.4	
97 Ethylbenzene	106	10.016	10.016	0.000	97	1268681	200.0	194.0	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	54	923824	200.0	208.9	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	95	1469846	200.0	185.3	
99 o-Xylene	106	10.855	10.850	0.005	95	1493095	200.0	191.5	
101 n-Butyl acrylate	73	10.871	10.871	0.000	93	667377	200.0	211.1	
100 Styrene	104	10.902	10.902	0.000	97	2465662	200.0	196.7	
102 Bromoform	173	11.217	11.217	0.000	97	824425	200.0	197.1	
103 Amyl acetate (mixed isomers)	43	11.243	11.248	-0.005	91	1018472	200.0	207.3	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	3466233	200.0	186.7	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	236472	50.0	47.6	
106 Bromobenzene	156	11.877	11.878	-0.001	86	1109687	200.0	203.0	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	98	1014880	200.0	201.8	
110 N-Propylbenzene	91	11.998	11.993	0.005	100	4024284	200.0	193.0	
108 1,2,3-Trichloropropane	110	12.024	12.019	0.005	95	323627	200.0	206.7	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.056	0.005	94	241605	200.0	203.4	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	2697664	200.0	195.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	97	3434103	200.0	196.4	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	2724492	200.0	197.0	
113 4-Chlorotoluene	91	12.276	12.271	0.005	95	2671102	200.0	195.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	80	1082468	200.0	220.6	
116 tert-Butylbenzene	119	12.601	12.601	0.000	95	2300342	200.0	193.4	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	96	2882846	200.0	202.1	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	3229496	200.0	191.9	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	1883239	200.0	206.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	97	2816938	200.0	197.0	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.073	0.005	92	299297	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	1869867	200.0	201.0	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	97	3011920	200.0	207.4	
124 Benzyl chloride	91	13.262	13.262	0.000	100	1916896	200.0	212.0	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	3118001	200.0	206.6	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	95	1764592	200.0	204.7	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	1316444	200.0	196.7	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	99	1707241	200.0	207.0	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	97	2580582	200.0	215.1	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	89	284464	200.0	213.6	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	94	1192192	200.0	217.0	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	1021739	200.0	211.1	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	428296	200.0	187.9	
134 Naphthalene	128	15.091	15.092	-0.001	99	2677899	200.0	213.8	

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	15.280	15.280	0.000	95	872766	200.0	208.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	390.6	
S 137 Xylenes, Total	100				0		400.0	376.8	
S 140 Total BTEX	1				0		1000.0	940.1	
S 139 1,3-Dichloropropene, Total	1				0		400.0	397.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

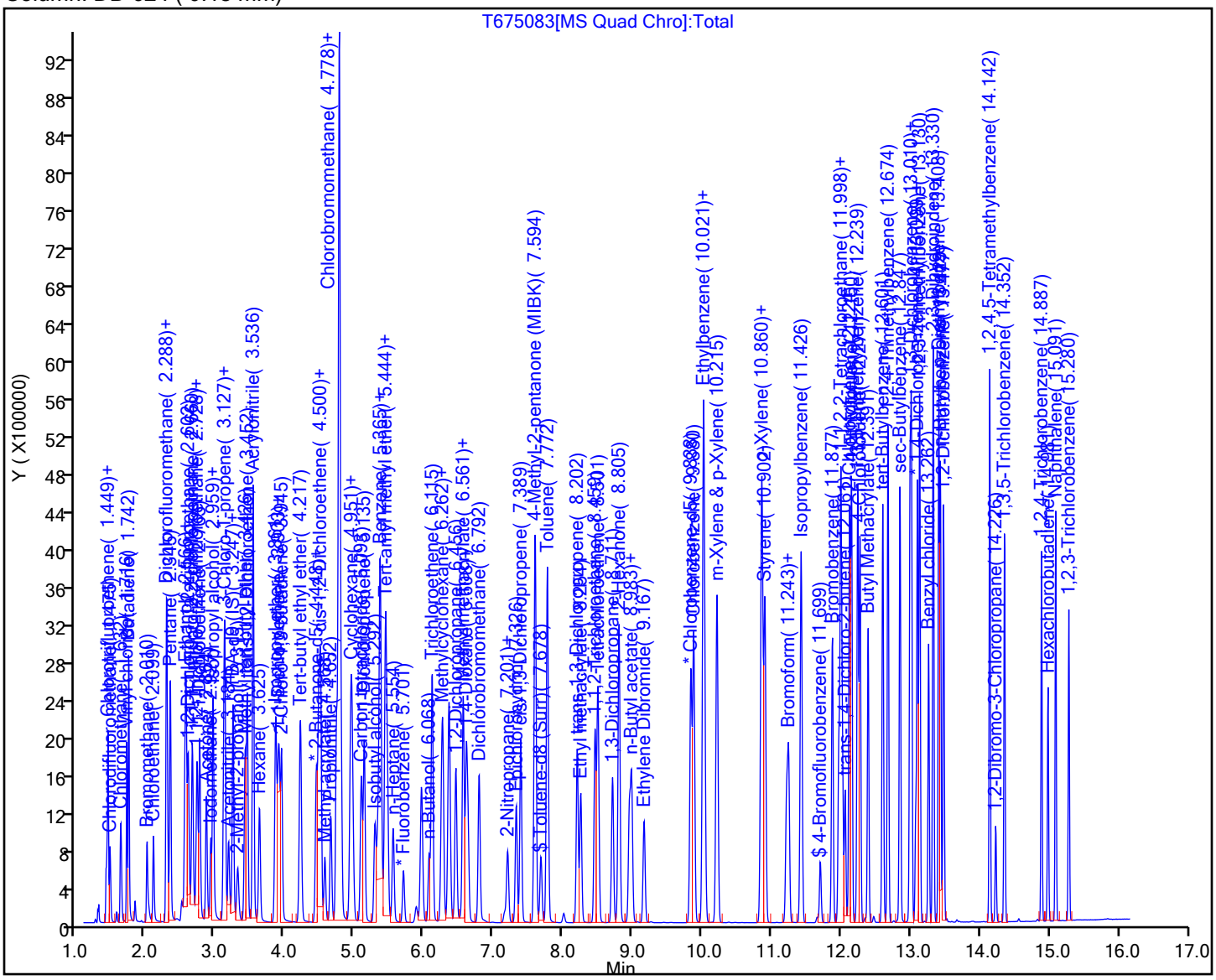
Reagents:

ACROLEIN W_00165	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00145	Amount Added:	20.00	Units: uL	
Ethanol mix_00086	Amount Added:	20.00	Units: uL	
MIX I Hi_00173	Amount Added:	20.00	Units: uL	
7 Freons Hi_00011	Amount Added:	20.00	Units: uL	
GAS Hi_00462	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:19 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675083.D
Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Eurofins Edison

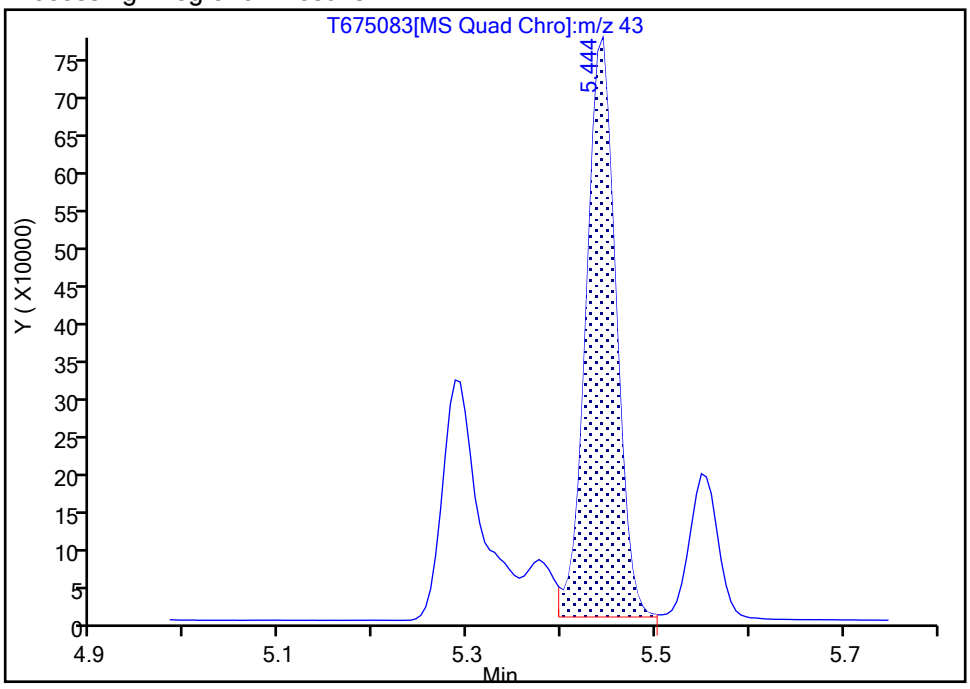
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Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

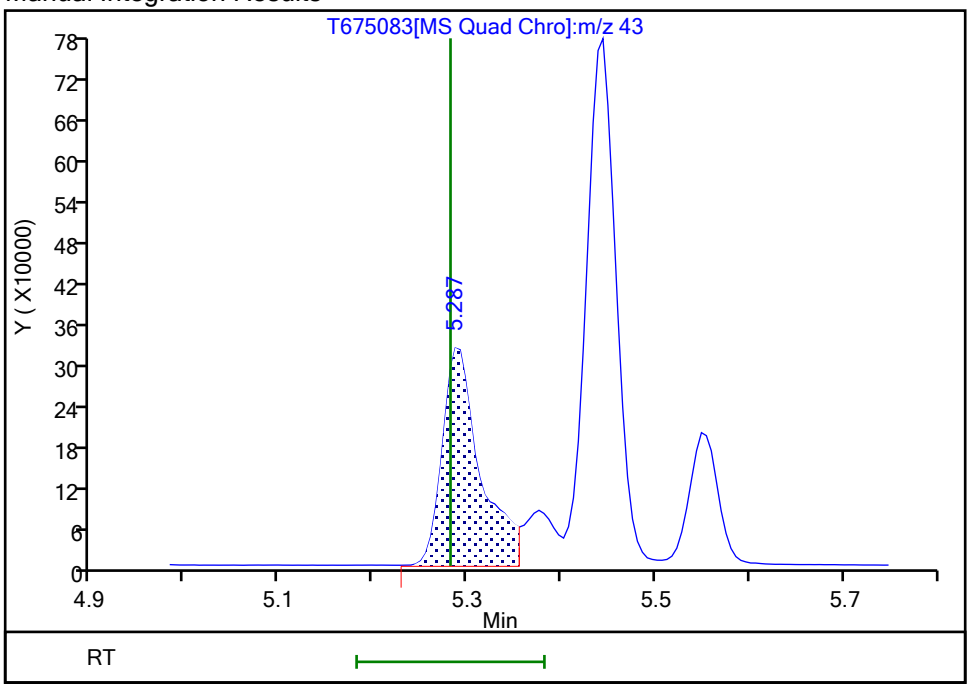
Processing Integration Results

RT: 5.44
Area: 1689836
Amount: 5000.3032
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 900170
Amount: 4287.6287
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:38:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

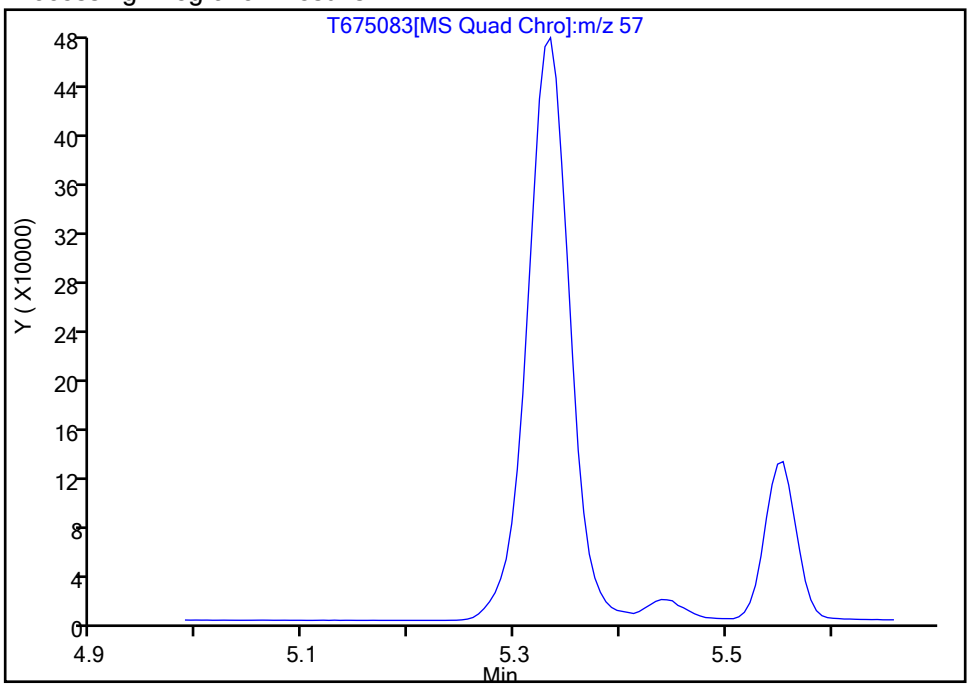
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Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

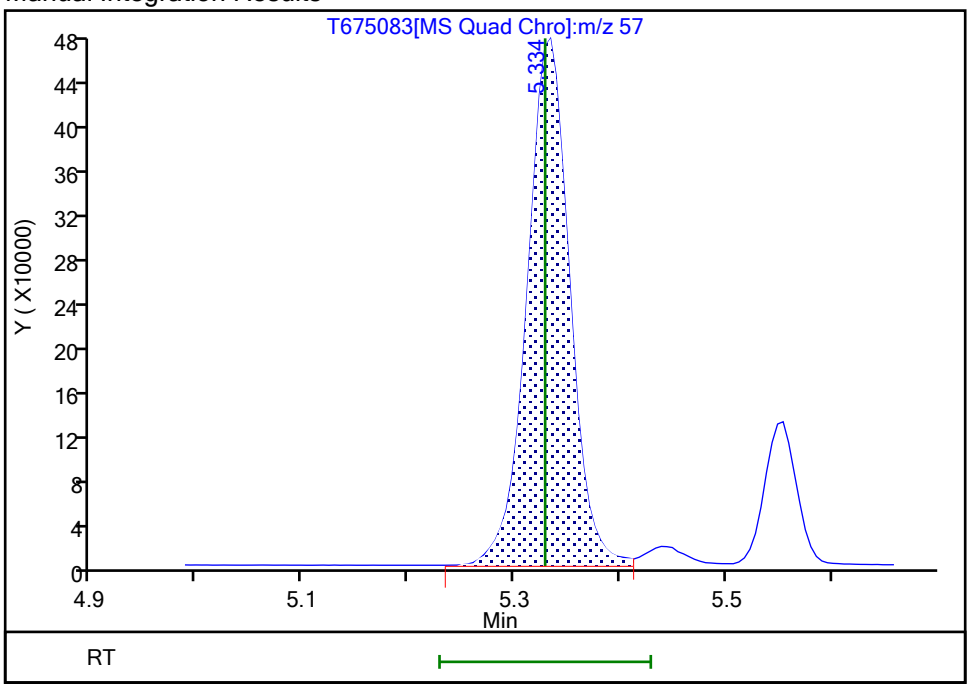
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 1336764
Amount: 185.9852
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:38:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

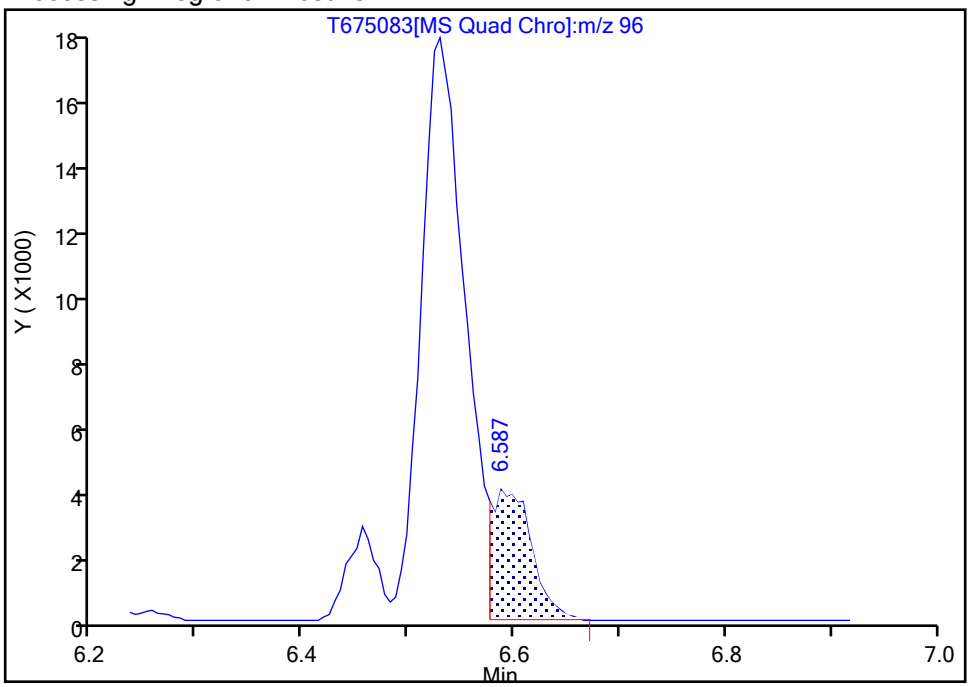
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Injection Date: 13-Feb-2024 01:57:32 Instrument ID: CVOAMS15
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

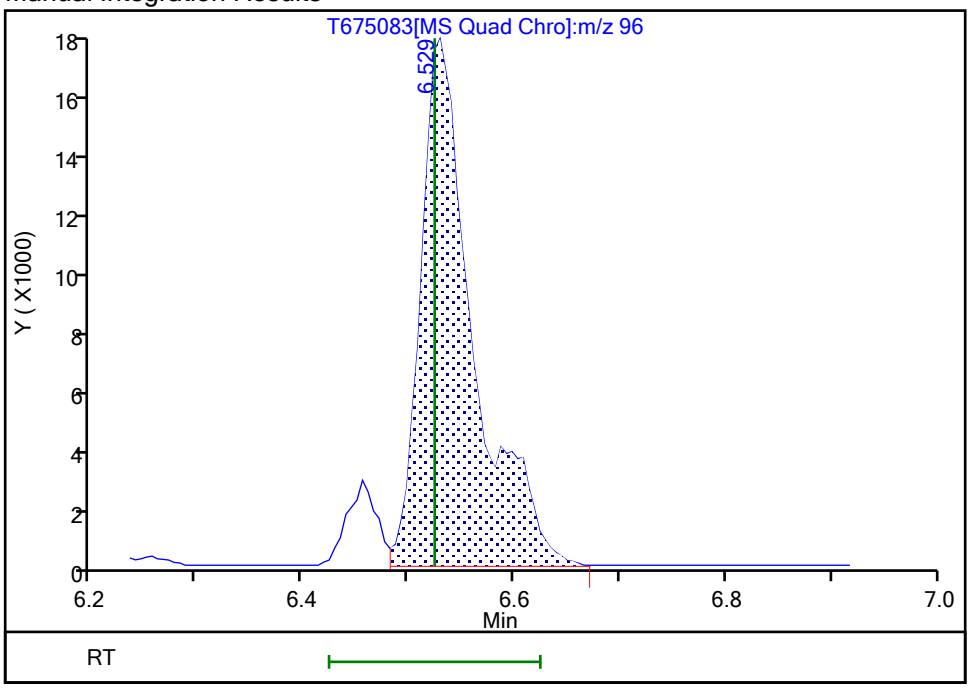
Processing Integration Results

RT: 6.59
Area: 10473
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 59985
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:54:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 13-Feb-2024 02:20:26 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0172222-010
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:17:29 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: HVW2 Date: 13-Feb-2024 02:54:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	92	89824	500.0	425.2	
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	92	477692	500.0	565.5	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	879689	500.0	445.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	99	2909867	500.0	521.1	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	325774	500.0	449.7	
6 Chloromethane	50	1.622	1.633	-0.010	99	2597803	500.0	504.4	
7 Vinyl chloride	62	1.716	1.716	0.000	98	3005161	500.0	469.2	
8 Butadiene	54	1.743	1.743	0.000	87	2462960	500.0	467.4	
9 Bromomethane	94	2.005	2.010	-0.005	98	730036	500.0	251.0	
10 Chloroethane	64	2.094	2.104	-0.010	98	1700588	500.0	560.6	
11 Dichlorofluoromethane	67	2.283	2.288	-0.005	97	4368197	500.0	502.5	
12 Trichlorofluoromethane	101	2.293	2.298	-0.005	99	3755493	500.0	547.0	
13 Pentane	72	2.340	2.346	-0.006	95	720356	1000.0	1109.1	
14 Ethanol	46	2.519	2.503	0.016	100	370036	20000	20233	a
15 Ethyl ether	59	2.550	2.550	0.000	92	1619734	500.0	507.9	
17 2-Methyl-1,3-butadiene	53	2.566	2.571	-0.005	90	1556539	500.0	506.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.602	-0.005	91	1855051	500.0	487.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	96	3007828	500.0	488.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	99	1984371	500.0	522.0	
19 Acrolein	56	2.734	2.734	0.000	44	314059	400.0	420.2	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	92	2000299	500.0	477.8	
22 Acetone	43	2.865	2.865	0.000	92	3374355	2500.0	3034.4	
23 Iodomethane	142	2.922	2.928	-0.006	99	2348954	500.0	499.6	
25 Isopropyl alcohol	45	2.964	2.959	0.005	32	1030441	5000.0	4954.7	
24 Carbon disulfide	76	2.959	2.959	0.000	98	6399031	500.0	464.1	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	82	1007806	500.0	402.1	
28 Methyl acetate	43	3.127	3.127	0.000	77	2563820	1000.0	964.9	
29 Cyclopentene	67	3.127	3.132	-0.005	96	4097030	500.0	494.0	
26 Acetonitrile	41	3.184	3.179	0.005	99	2085293	5000.0	4569.7	
* 31 TBA-d9 (IS)	66	3.247	3.232	0.015	32	60987	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	3.247	3.247	0.000	79	2405886	500.0	477.4	
32 2-Methyl-2-propanol	59	3.321	3.310	0.011	98	1725011	5000.0	4445.2	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	5684332	500.0	503.5	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	88	2333799	500.0	496.2	
33 Acrylonitrile	53	3.541	3.536	0.005	94	7730549	5000.0	4789.1	
36 Hexane	57	3.625	3.630	-0.005	85	2015575	500.0	515.0	
40 Isopropyl ether	45	3.861	3.861	0.000	94	4894174	500.0	496.1	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	99	3546249	500.0	482.1	
38 Vinyl acetate	86	3.918	3.913	0.005	99	554452	1000.0	942.9	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	2035118	500.0	515.5	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	91	5539279	500.0	517.1	
* 42 2-Butanone-d5	46	4.443	4.438	0.005	52	348488	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	91	745929	500.0	474.3	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	93	2702261	500.0	506.7	
45 2-Butanone (MEK)	72	4.506	4.500	0.006	100	1699079	2500.0	2962.0	
47 Ethyl acetate	70	4.511	4.511	0.000	97	535560	1000.0	1152.4	
48 Methyl acrylate	55	4.569	4.569	0.000	99	1804304	500.0	489.3	
46 Propionitrile	54	4.663	4.647	0.016	99	3009012	5000.0	4722.2	
49 Chlorobromomethane	128	4.742	4.736	0.006	72	1366211	500.0	510.3	
51 Tetrahydrofuran	72	4.736	4.736	0.000	76	625240	1000.0	1074.5	
50 Methacrylonitrile	67	4.789	4.768	0.021	70	10139929	5000.0	5132.6	
52 Chloroform	83	4.810	4.799	0.011	99	3760873	500.0	479.8	
55 Cyclohexane	84	4.941	4.941	0.000	80	2970392	500.0	524.9	
54 1,1,1-Trichloroethane	97	4.962	4.957	0.005	96	3314199	500.0	491.5	
$ 53 Dibromofluoromethane (Surr)	113	4.983	4.978	0.005	42	186308	50.0	49.8	
56 Carbon tetrachloride	117	5.093	5.093	0.000	98	3162804	500.0	510.7	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	93	2875702	500.0	484.6	
59 Isobutyl alcohol	43	5.297	5.282	0.015	94	2350694	12500	12529	
62 Isooctane	57	5.334	5.329	0.005	99	4098070	500.0	545.8	a
60 Benzene	78	5.366	5.360	0.006	94	8359136	500.0	449.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.381	0.006	35	160275	50.0	48.0	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	84	6049796	500.0	535.7	
63 Isopropyl acetate	61	5.444	5.444	0.000	81	1098127	500.0	517.5	
61 1,2-Dichloroethane	62	5.476	5.470	0.006	97	2271096	500.0	439.7	
66 n-Heptane	43	5.554	5.549	0.005	81	1258132	500.0	480.0	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	611432	50.0	50.0	
68 n-Butanol	56	6.079	6.068	0.011	79	1419357	12500	15459	
67 Trichloroethene	95	6.115	6.110	0.005	95	2597958	500.0	520.8	
70 Methylcyclohexane	83	6.257	6.257	0.000	88	3015159	500.0	533.7	
69 Ethyl acrylate	55	6.267	6.267	0.000	96	4364040	500.0	522.8	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	93	2080842	500.0	492.7	
* 73 1,4-Dioxane-d8	96	6.535	6.524	0.011	10	66148	1000.0	1000.0	a
75 Methyl methacrylate	100	6.561	6.561	0.000	77	1377052	1000.0	1117.9	
74 1,4-Dioxane	88	6.598	6.587	0.011	46	552592	10000	8165.5	
72 Dibromomethane	93	6.608	6.603	0.005	92	1363017	500.0	440.9	
76 n-Propyl acetate	43	6.634	6.629	0.005	94	2262830	500.0	491.4	
77 Dichlorobromomethane	83	6.792	6.786	0.006	98	3116072	500.0	513.8	
78 2-Nitropropane	41	7.201	7.190	0.011	88	850131	1000.0	952.3	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	61	157799	501.2	502.3	
80 Epichlorohydrin	57	7.326	7.321	0.005	98	2624778	10000	8490.8	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	85	3707520	500.0	468.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.599	7.594	0.005	88	7276625	2500.0	2603.6	

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	7.683	7.678	0.005	98	646189	50.0	46.7	
84 Toluene	91	7.772	7.772	0.000	94	9156918	500.0	434.5	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	92	3370766	500.0	479.1	
86 Ethyl methacrylate	69	8.255	8.249	0.006	82	2640743	500.0	493.7	
87 1,1,2-Trichloroethane	83	8.459	8.459	0.000	97	1863093	500.0	466.9	
88 Tetrachloroethene	166	8.501	8.496	0.005	98	2815798	500.0	484.7	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	85	3331682	500.0	482.1	
90 2-Hexanone	43	8.805	8.805	0.000	87	5486725	2500.0	2711.0	
93 n-Butyl acetate	43	8.952	8.947	0.005	94	2296091	500.0	447.5	
91 Chlorodibromomethane	129	8.989	8.983	0.006	97	2732967	500.0	484.0	
92 Ethylene Dibromide	107	9.167	9.162	0.005	99	2340368	500.0	474.7	
* 94 Chlorobenzene-d5	117	9.838	9.833	0.005	46	604482	50.0	50.0	a
95 Chlorobenzene	112	9.880	9.880	0.000	98	6288609	500.0	462.7	
97 Ethylbenzene	106	10.021	10.016	0.005	96	3425765	500.0	484.7	
96 1,1,1,2-Tetrachloroethane	131	10.037	10.032	0.005	58	2433000	500.0	509.0	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	95	3941919	500.0	459.8	
99 o-Xylene	106	10.860	10.850	0.010	96	4057825	500.0	481.7	
101 n-Butyl acrylate	73	10.871	10.871	0.000	77	1702238	500.0	498.2	
100 Styrene	104	10.908	10.902	0.006	96	6365235	500.0	470.0	
102 Bromoform	173	11.222	11.217	0.005	98	2182109	500.0	482.9	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	90	2426680	500.0	466.1	
104 Isopropylbenzene	105	11.427	11.427	0.000	95	9024750	500.0	450.0	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	250994	50.0	46.7	
106 Bromobenzene	156	11.878	11.878	0.000	86	2980569	500.0	514.4	
107 1,1,2,2-Tetrachloroethane	83	11.972	11.967	0.005	98	2613177	500.0	490.3	
110 N-Propylbenzene	91	12.003	11.993	0.010	99	10202780	500.0	461.6	
108 1,2,3-Trichloropropane	110	12.024	12.019	0.005	95	829860	500.0	500.2	
109 trans-1,4-Dichloro-2-butene	53	12.061	12.056	0.005	94	589885	500.0	468.6	
111 2-Chlorotoluene	91	12.124	12.124	0.000	95	7108874	500.0	487.1	
112 4-Ethyltoluene	105	12.155	12.150	0.005	96	8740020	500.0	471.7	
114 1,3,5-Trimethylbenzene	105	12.245	12.239	0.006	94	7050461	500.0	481.1	
113 4-Chlorotoluene	91	12.276	12.271	0.005	95	6892890	500.0	475.1	
115 Butyl Methacrylate	87	12.391	12.391	0.000	79	2823975	500.0	543.0	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	6135214	500.0	486.6	
117 1,2,4-Trimethylbenzene	105	12.680	12.675	0.006	96	7335109	500.0	485.2	
118 sec-Butylbenzene	105	12.853	12.848	0.005	97	8265078	500.0	463.5	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	97	4951203	500.0	512.7	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	7200014	500.0	475.1	
* 120 1,4-Dichlorobenzene-d4	152	13.078	13.073	0.005	92	317204	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.104	13.099	0.005	95	4858750	500.0	492.8	
123 1,2,3-Trimethylbenzene	105	13.136	13.131	0.005	96	7465502	500.0	485.0	
124 Benzyl chloride	91	13.262	13.262	0.000	100	4742432	500.0	494.9	
125 2,3-Dihydroindene	117	13.330	13.325	0.005	90	7636321	500.0	477.5	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	94	4592117	500.0	502.5	
128 n-Butylbenzene	92	13.435	13.430	0.005	98	3446701	500.0	486.0	
126 1,2-Dichlorobenzene	146	13.482	13.477	0.005	98	4381807	500.0	501.2	
130 1,2,4,5-Tetramethylbenzene	119	14.143	14.143	0.000	97	6508391	500.0	511.9	
129 1,2-Dibromo-3-Chloropropane	157	14.232	14.226	0.006	85	729435	500.0	516.9	
131 1,3,5-Trichlorobenzene	180	14.357	14.352	0.005	96	3110902	500.0	534.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	2711029	500.0	528.5	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	1149809	500.0	476.0	
134 Naphthalene	128	15.092	15.092	0.000	98	6589413	500.0	496.4	

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	15.280	15.280	0.000	94	2280332	500.0	514.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1002.9	
S 137 Xylenes, Total	100				0		1000.0	941.5	
S 140 Total BTEX	1				0		2500.0	2310.4	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	947.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00165	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00145	Amount Added:	50.00	Units: uL	
Ethanol mix_00086	Amount Added:	50.00	Units: uL	
MIX I Hi_00173	Amount Added:	50.00	Units: uL	
7 Freons Hi_00011	Amount Added:	50.00	Units: uL	
GAS Hi_00462	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:17:30 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15

Lims ID: STD500

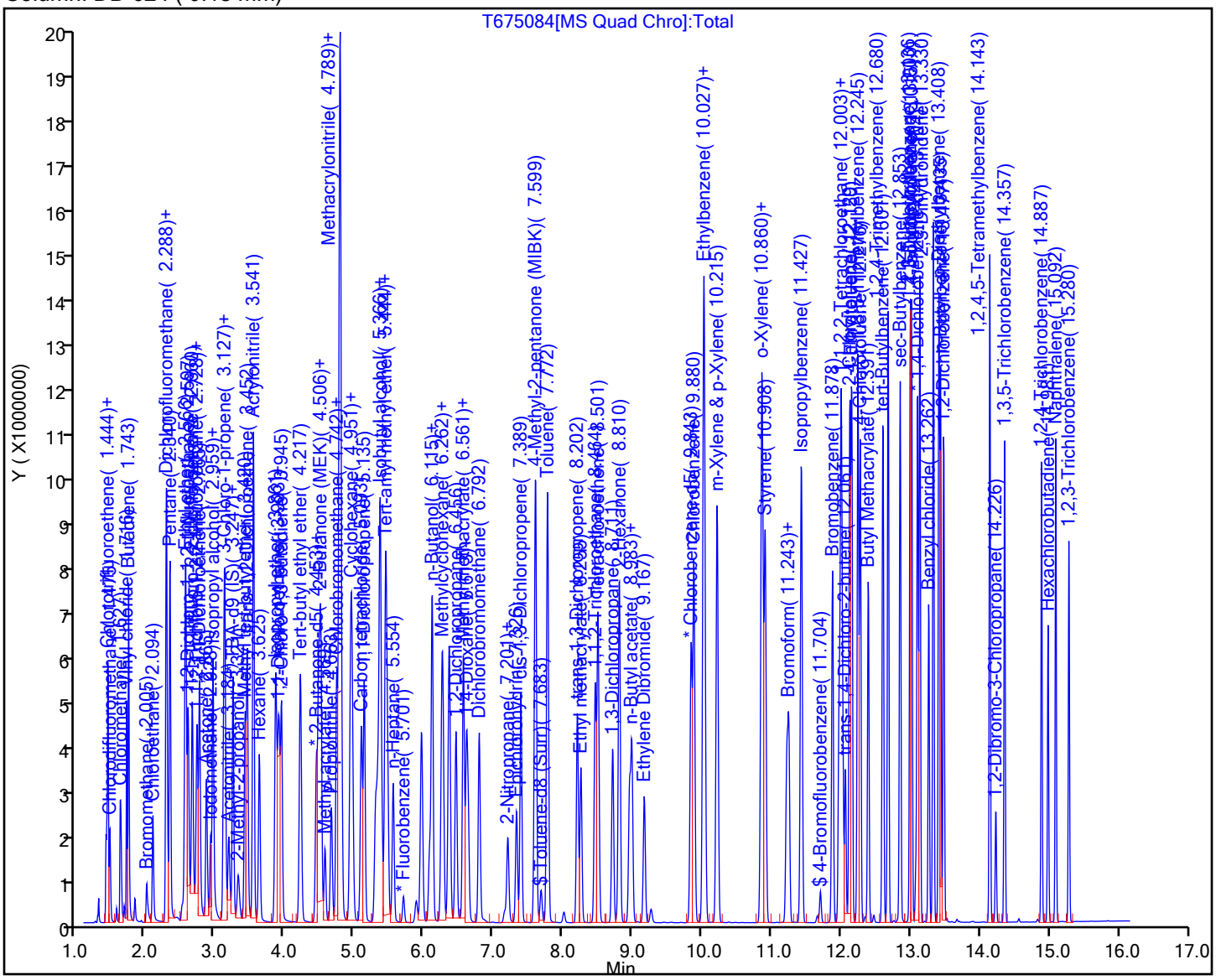
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

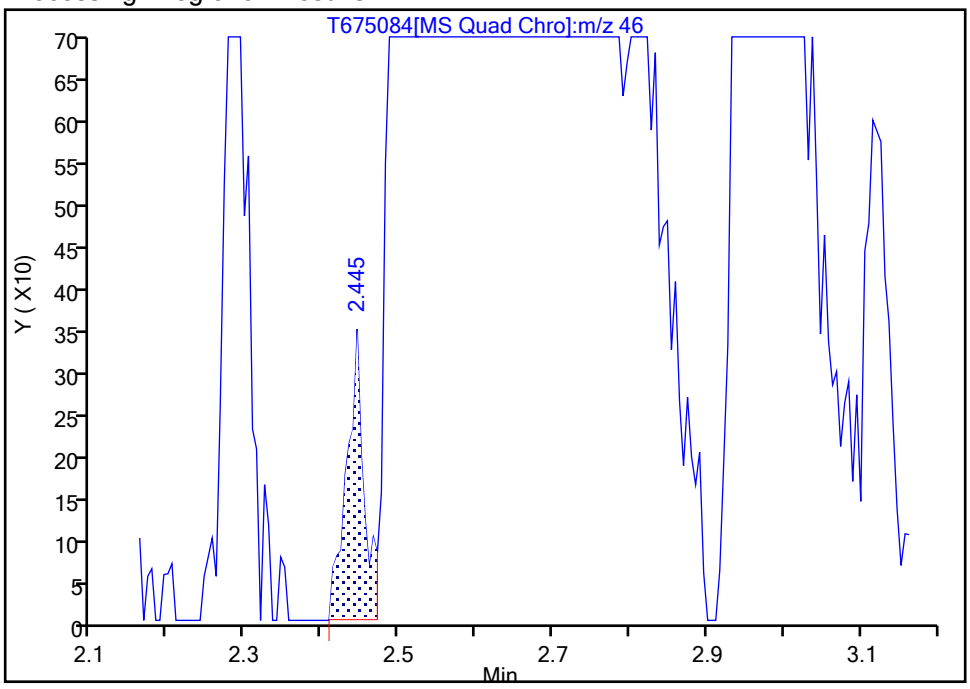
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Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

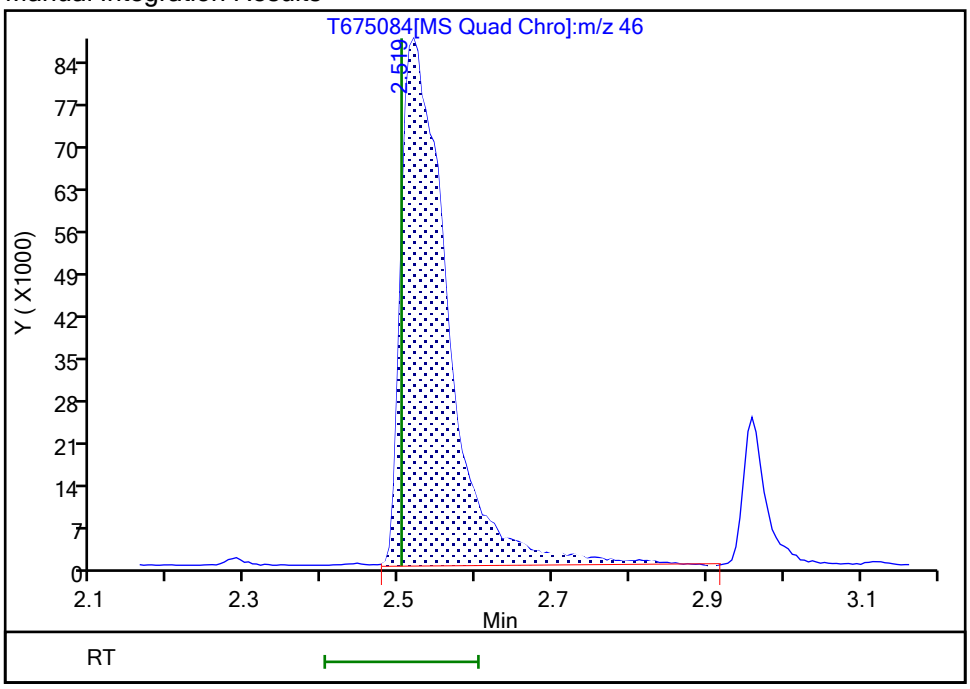
Processing Integration Results

RT: 2.45
Area: 553
Amount: 35.335699
Amount Units: ug/l



Manual Integration Results

RT: 2.52
Area: 370036
Amount: 20233
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:56:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

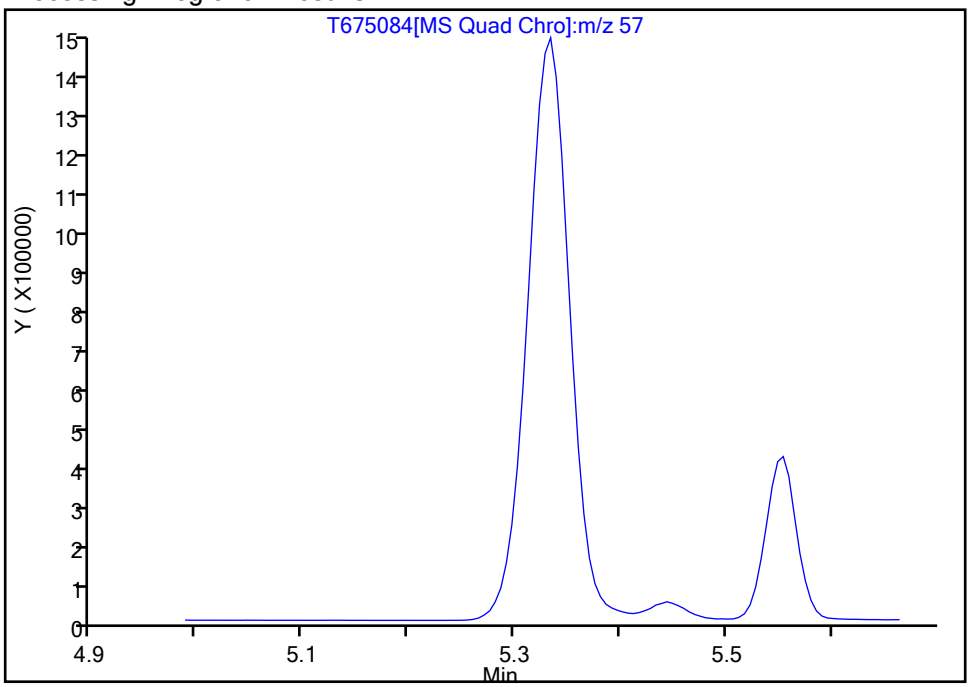
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Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

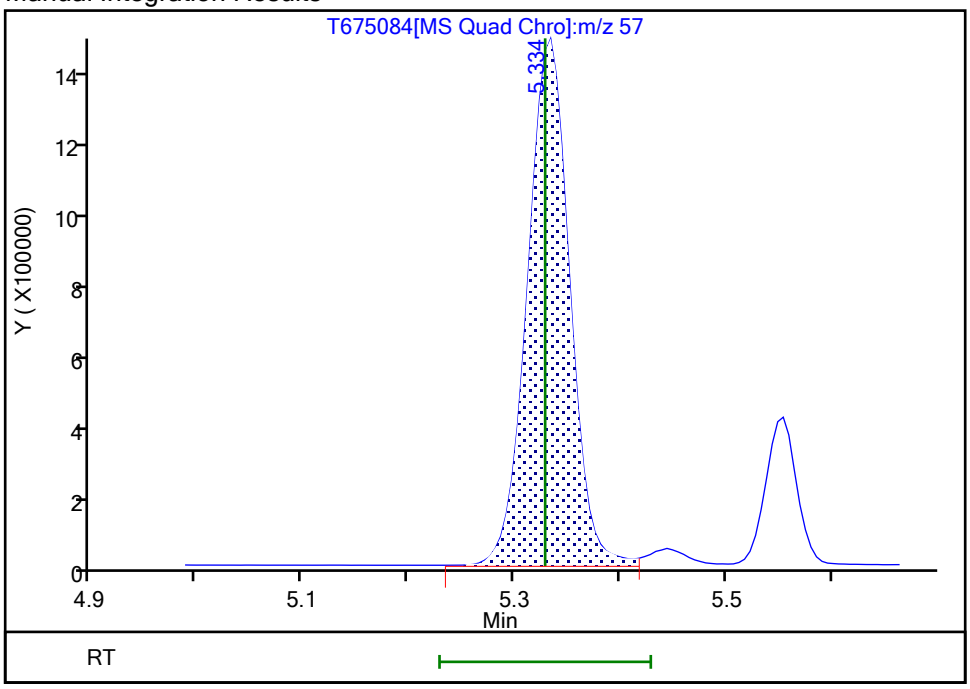
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 4098070
Amount: 545.7579
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:56:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

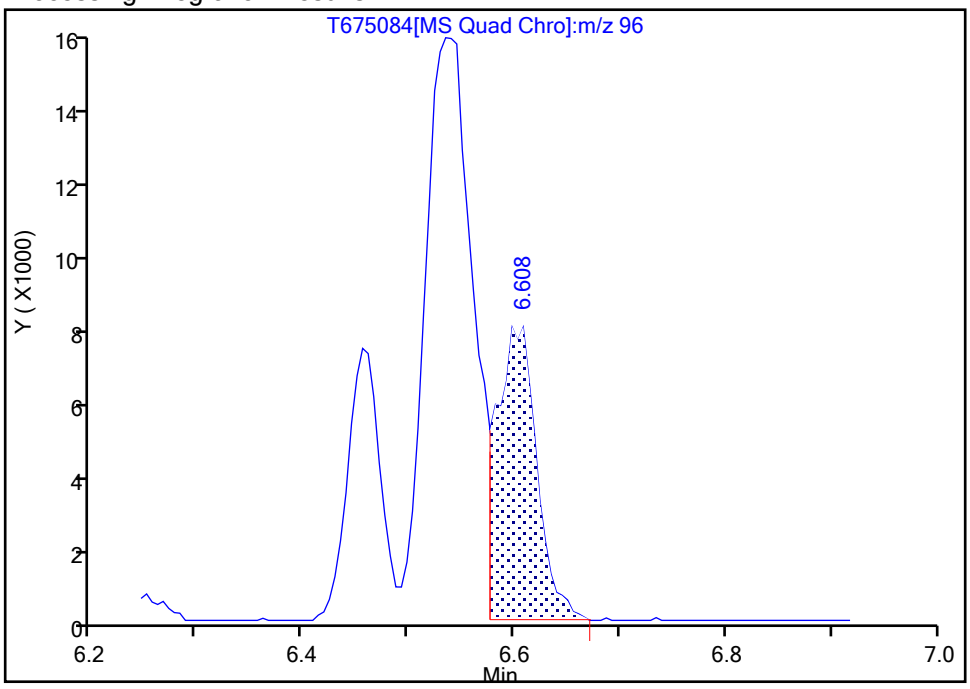
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Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

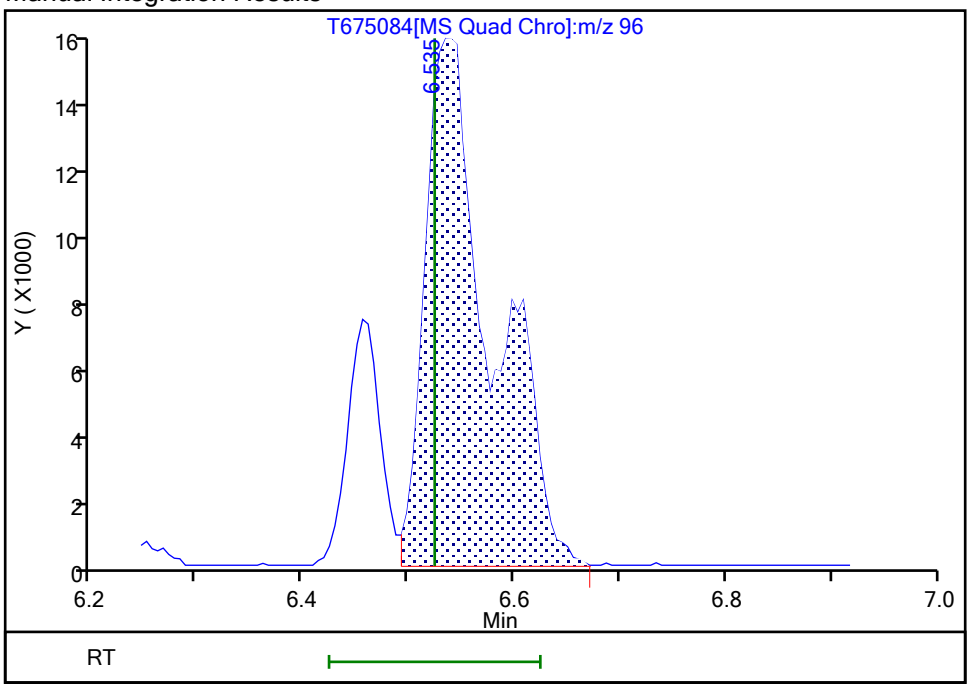
Processing Integration Results

RT: 6.61
Area: 20246
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.53
Area: 66148
Amount: 1000.0000
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:55:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

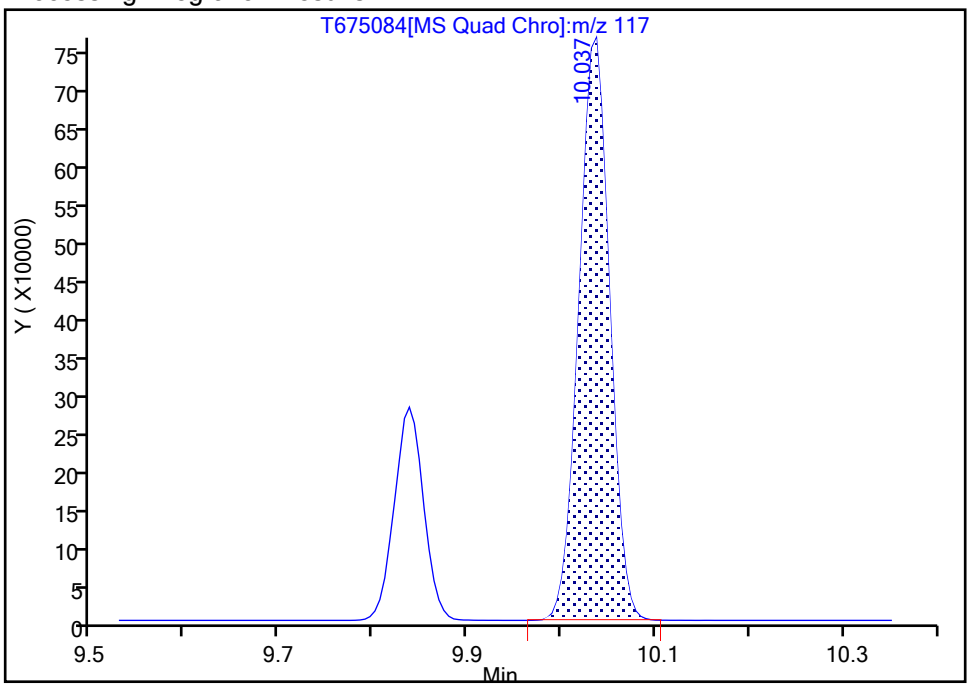
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Injection Date: 13-Feb-2024 02:20:26 Instrument ID: CVOAMS15
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

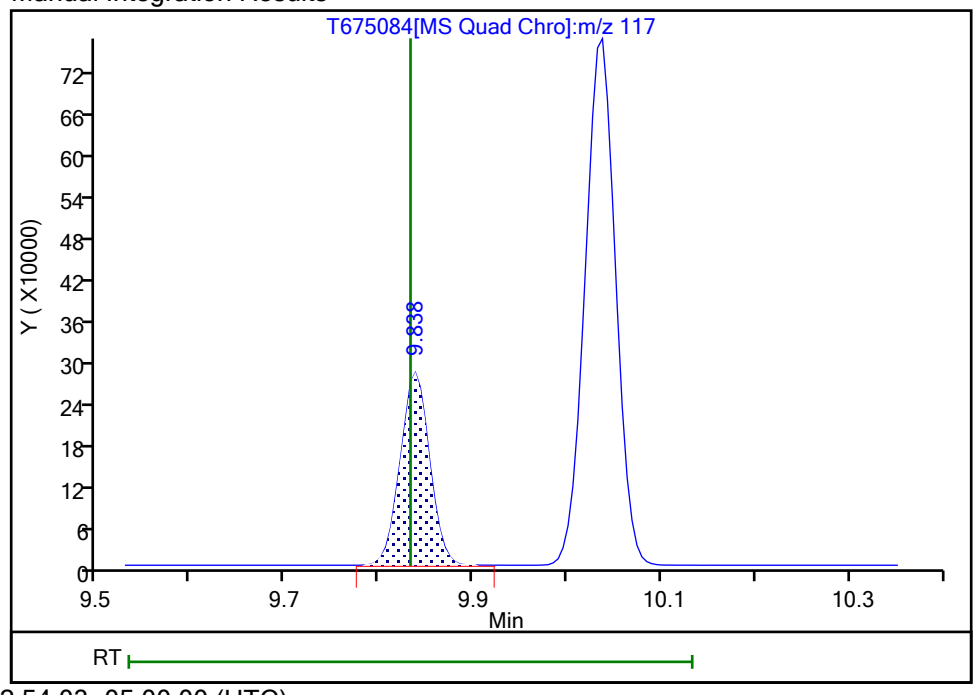
Processing Integration Results

RT: 10.04
Area: 1722638
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 9.84
Area: 604482
Amount: 50.000000
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 02:54:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

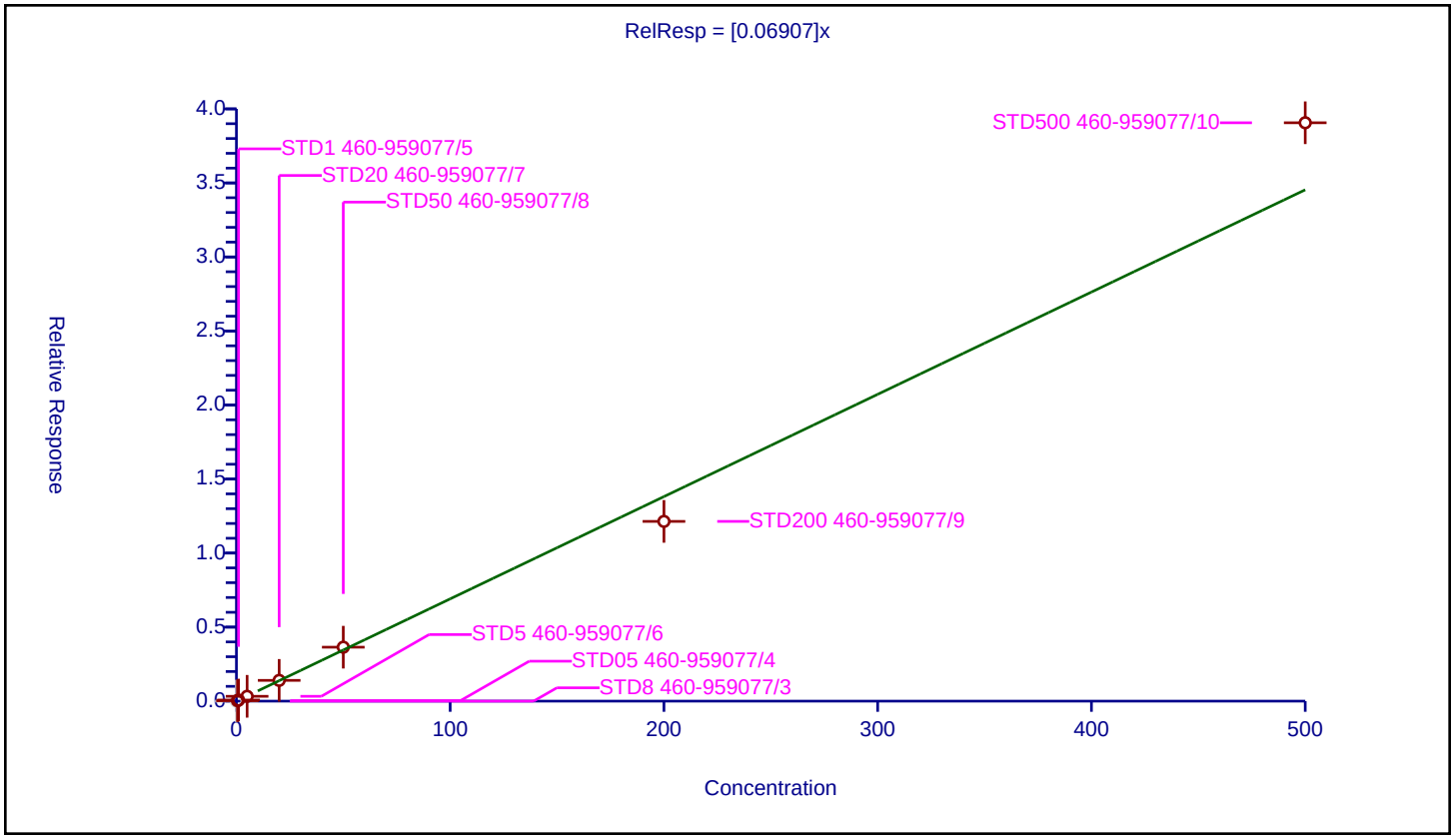
Curve Coefficients

Intercept:	0
Slope:	0.06907

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.031889	50.0	572301.0	0.063778	Y
3	STD1 460-959077/5	1.0	0.072479	50.0	554640.0	0.072479	Y
4	STD5 460-959077/6	5.0	0.327177	50.0	554592.0	0.065435	Y
5	STD20 460-959077/7	20.0	1.402396	50.0	561646.0	0.07012	Y
6	STD50 460-959077/8	50.0	3.643182	50.0	574292.0	0.072864	Y
7	STD200 460-959077/9	200.0	12.139836	50.0	585255.0	0.060699	Y
8	STD500 460-959077/10	500.0	39.063379	50.0	611432.0	0.078127	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

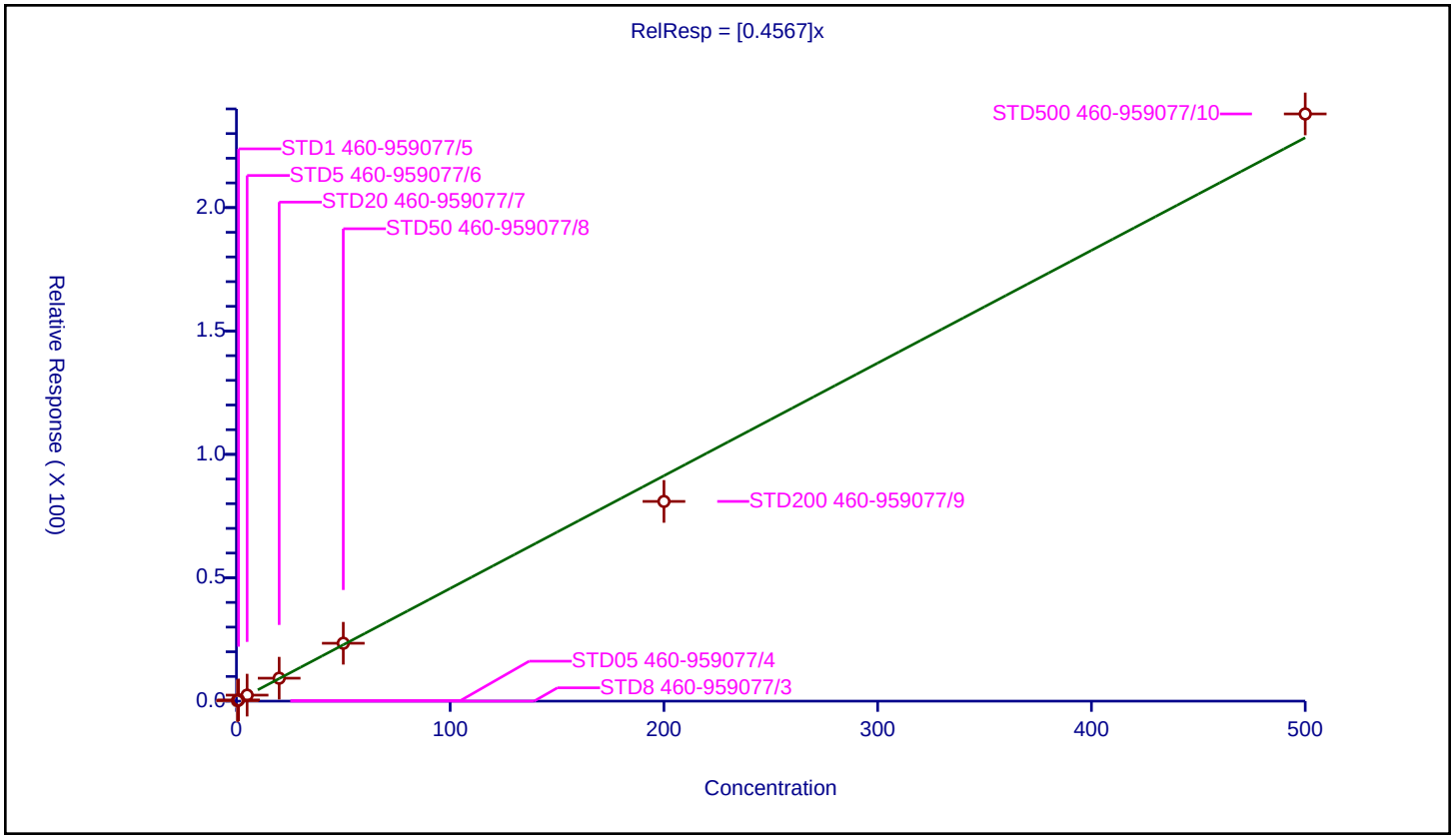
Curve Coefficients

Intercept:	0
Slope:	0.4567

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.208282	50.0	572301.0	0.416564	Y
3	STD1 460-959077/5	1.0	0.47932	50.0	554640.0	0.47932	Y
4	STD5 460-959077/6	5.0	2.431066	50.0	554592.0	0.486213	Y
5	STD20 460-959077/7	20.0	9.297048	50.0	561646.0	0.464852	Y
6	STD50 460-959077/8	50.0	23.454009	50.0	574292.0	0.46908	Y
7	STD200 460-959077/9	200.0	80.929168	50.0	585255.0	0.404646	Y
8	STD500 460-959077/10	500.0	237.955079	50.0	611432.0	0.47591	Y



2/27/2024
9:41:16 AM

Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

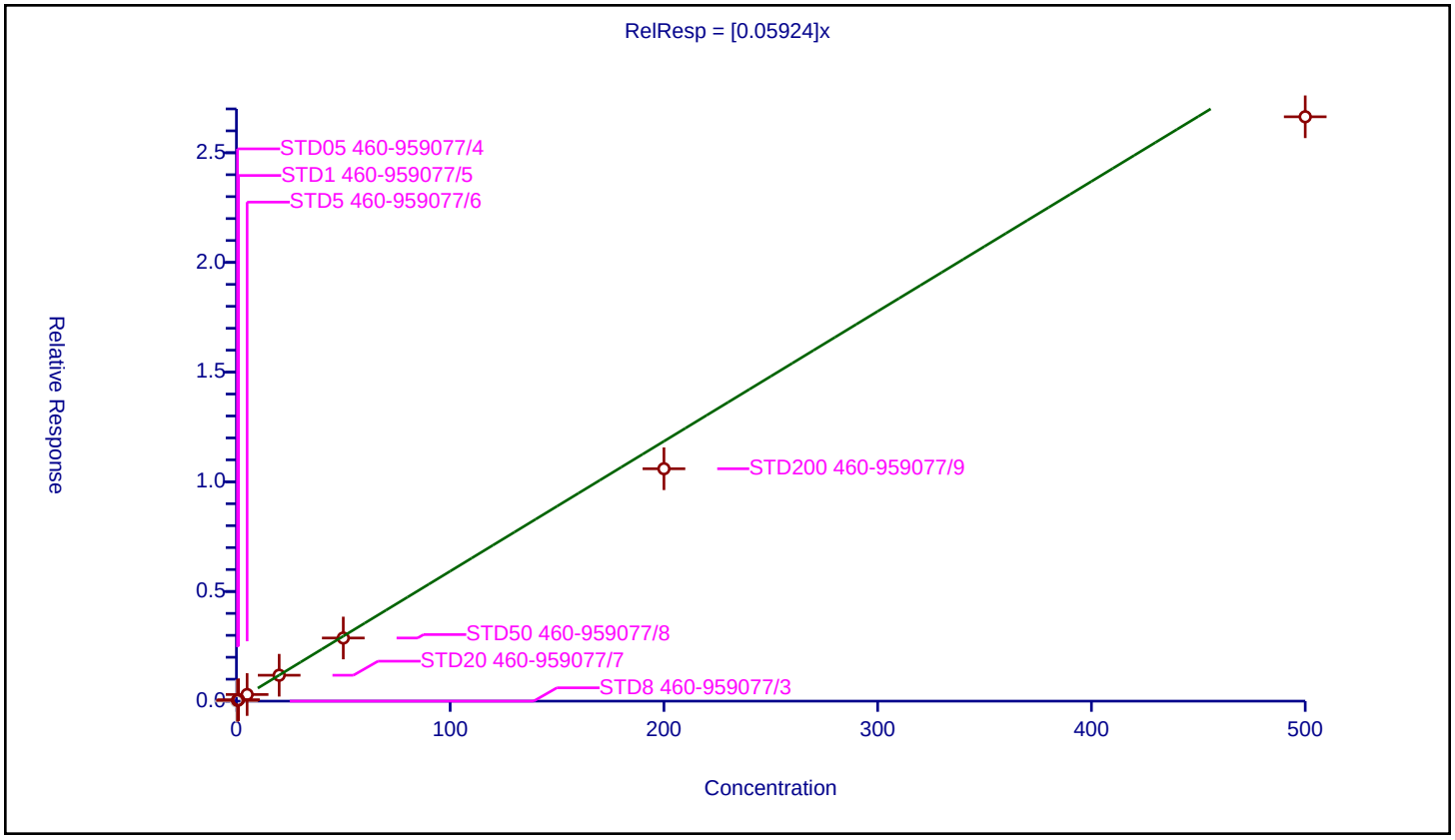
Curve Coefficients

Intercept:	0
Slope:	0.05924

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.03416	50.0	572301.0	0.068321	Y
3	STD1 460-959077/5	1.0	0.063194	50.0	554640.0	0.063194	Y
4	STD5 460-959077/6	5.0	0.301393	50.0	554592.0	0.060279	Y
5	STD20 460-959077/7	20.0	1.180904	50.0	561646.0	0.059045	Y
6	STD50 460-959077/8	50.0	2.878588	50.0	574292.0	0.057572	Y
7	STD200 460-959077/9	200.0	10.594698	50.0	585255.0	0.052973	Y
8	STD500 460-959077/10	500.0	26.640248	50.0	611432.0	0.05328	Y



2/27/2024
9:41:16 AM

Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

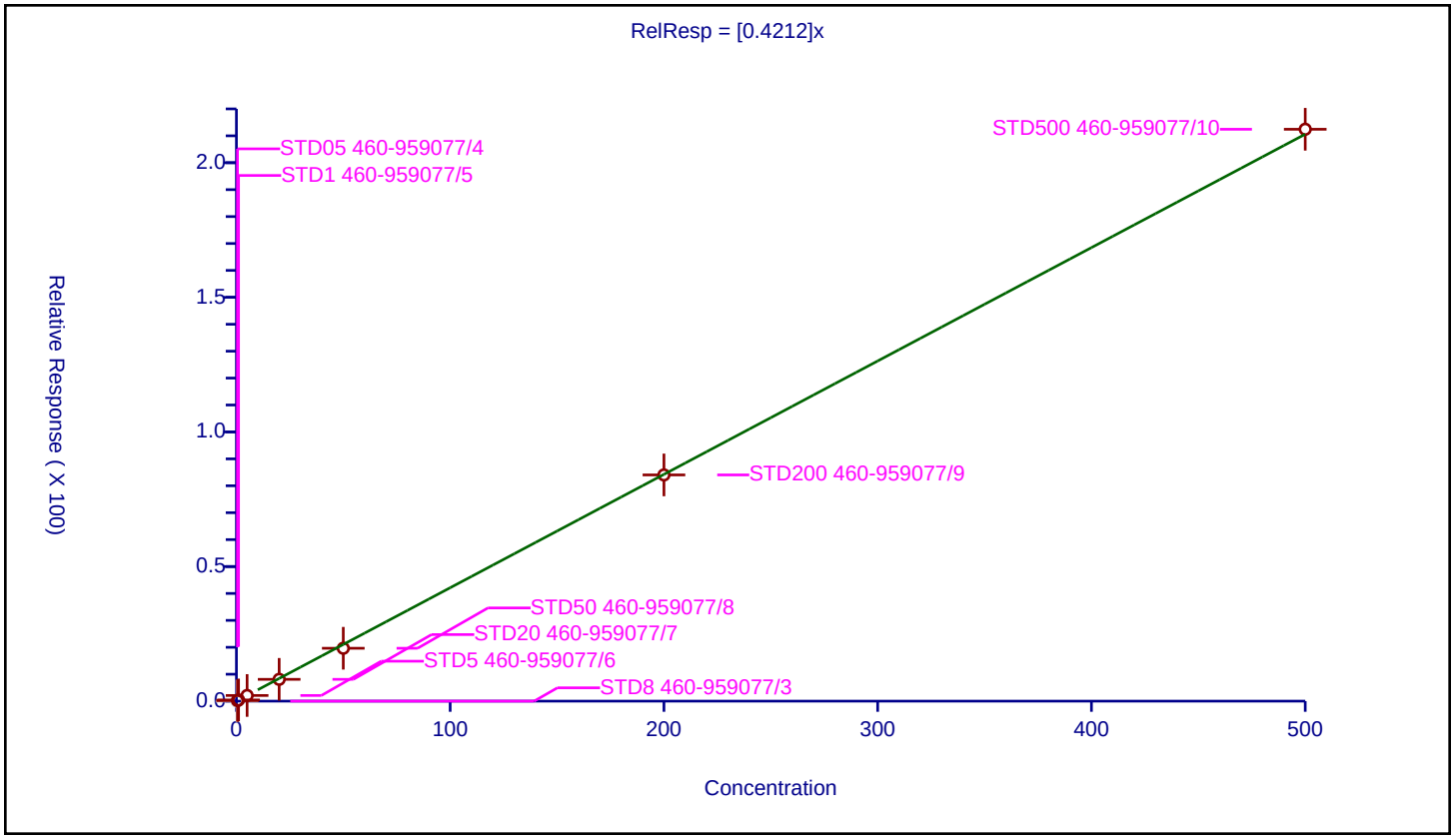
Curve Coefficients

Intercept:	0
Slope:	0.4212

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.223921	50.0	572301.0	0.447841	Y
3	STD1 460-959077/5	1.0	0.43677	50.0	554640.0	0.43677	Y
4	STD5 460-959077/6	5.0	2.105602	50.0	554592.0	0.42112	Y
5	STD20 460-959077/7	20.0	8.09558	50.0	561646.0	0.404779	Y
6	STD50 460-959077/8	50.0	19.640792	50.0	574292.0	0.392816	Y
7	STD200 460-959077/9	200.0	84.028244	50.0	585255.0	0.420141	Y
8	STD500 460-959077/10	500.0	212.43597	50.0	611432.0	0.424872	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

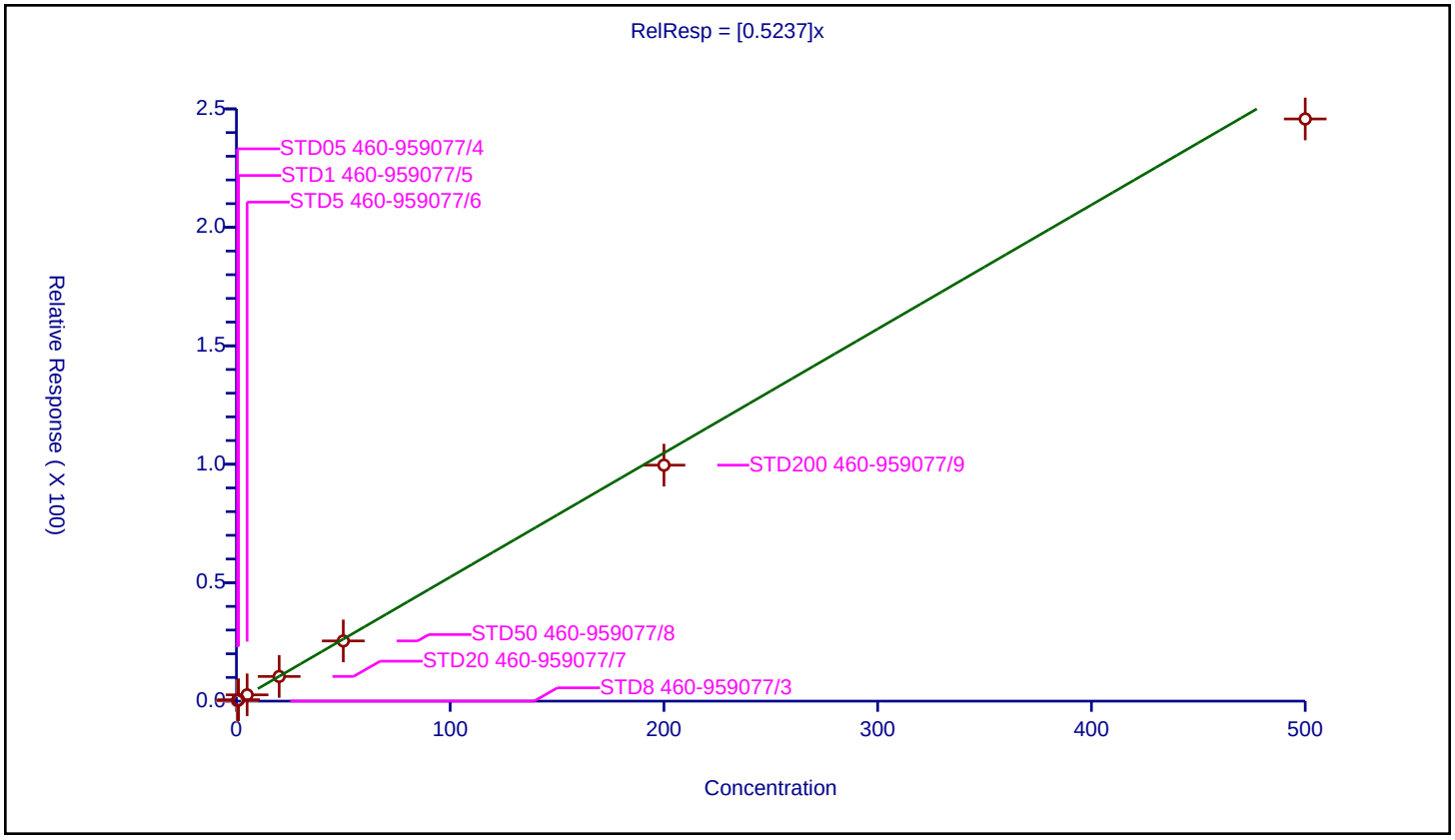
Curve Coefficients

Intercept:	0
Slope:	0.5237

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.263148	50.0	572301.0	0.526296	Y
3	STD1 460-959077/5	1.0	0.58849	50.0	554640.0	0.58849	Y
4	STD5 460-959077/6	5.0	2.663039	50.0	554592.0	0.532608	Y
5	STD20 460-959077/7	20.0	10.415724	50.0	561646.0	0.520786	Y
6	STD50 460-959077/8	50.0	25.41303	50.0	574292.0	0.508261	Y
7	STD200 460-959077/9	200.0	99.613673	50.0	585255.0	0.498068	Y
8	STD500 460-959077/10	500.0	245.747769	50.0	611432.0	0.491496	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

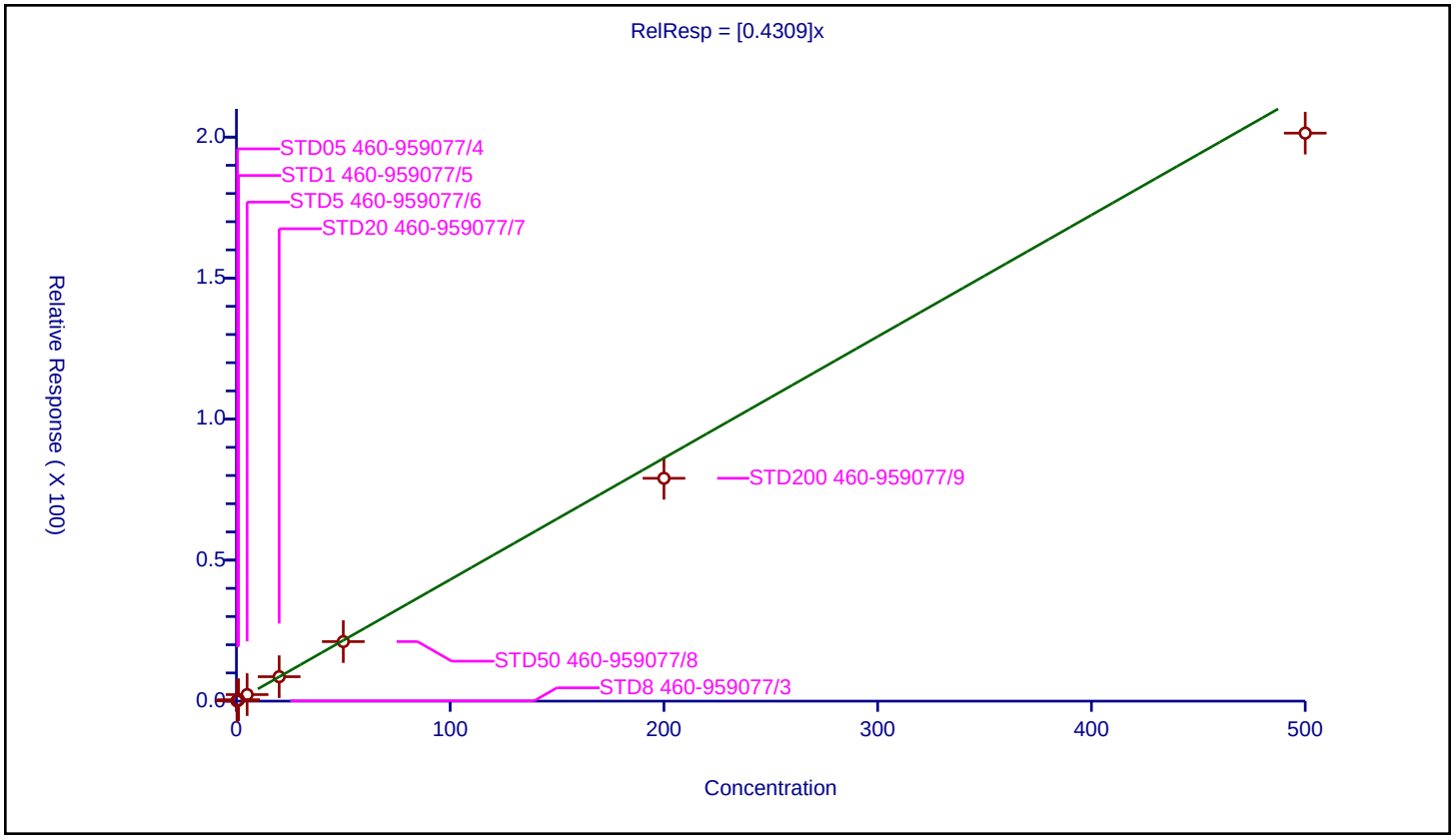
Curve Coefficients

Intercept:	0
Slope:	0.4309

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.10007	50.0	574097.0	0.400281	Y
2	STD05 460-959077/4	0.5	0.217455	50.0	572301.0	0.434911	Y
3	STD1 460-959077/5	1.0	0.494825	50.0	554640.0	0.494825	Y
4	STD5 460-959077/6	5.0	2.319813	50.0	554592.0	0.463963	Y
5	STD20 460-959077/7	20.0	8.66204	50.0	561646.0	0.433102	Y
6	STD50 460-959077/8	50.0	21.11304	50.0	574292.0	0.422261	Y
7	STD200 460-959077/9	200.0	79.023588	50.0	585255.0	0.395118	Y
8	STD500 460-959077/10	500.0	201.409151	50.0	611432.0	0.402818	Y



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Calibration / Bromomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

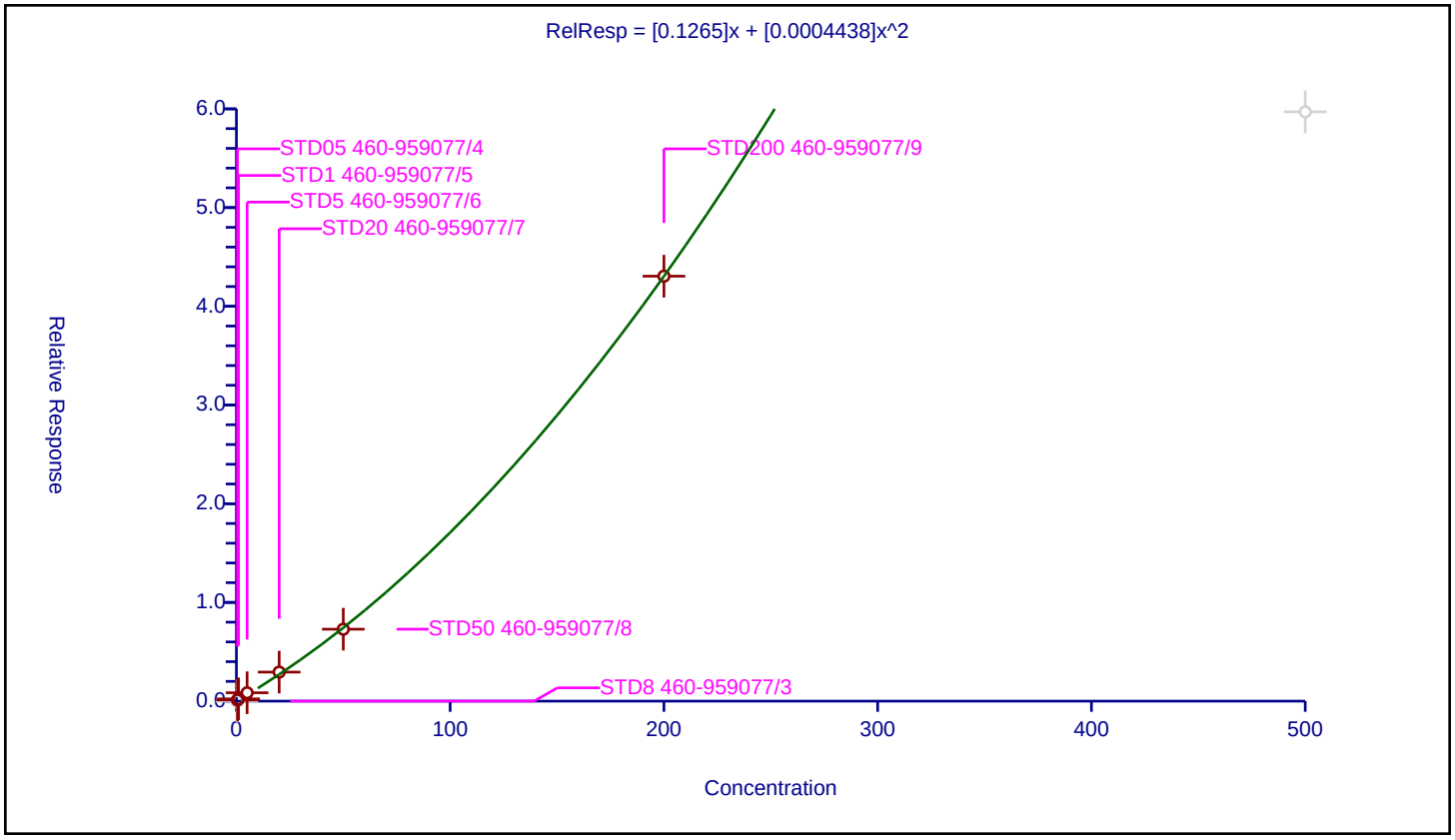
Curve Coefficients

Intercept:	0
Slope:	0.1265
Second Order:	0.0004438

Error Coefficients

Relative Standard Deviation:	64.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.123886	50.0	572301.0	0.247772	Y
3	STD1 460-959077/5	1.0	0.228166	50.0	554640.0	0.228166	Y
4	STD5 460-959077/6	5.0	0.849183	50.0	554592.0	0.169837	Y
5	STD20 460-959077/7	20.0	2.943135	50.0	561646.0	0.147157	Y
6	STD50 460-959077/8	50.0	7.289323	50.0	574292.0	0.145786	Y
7	STD200 460-959077/9	200.0	43.052003	50.0	585255.0	0.21526	Y
8	STD500 460-959077/10	500.0	59.698871	50.0	611432.0	0.119398	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

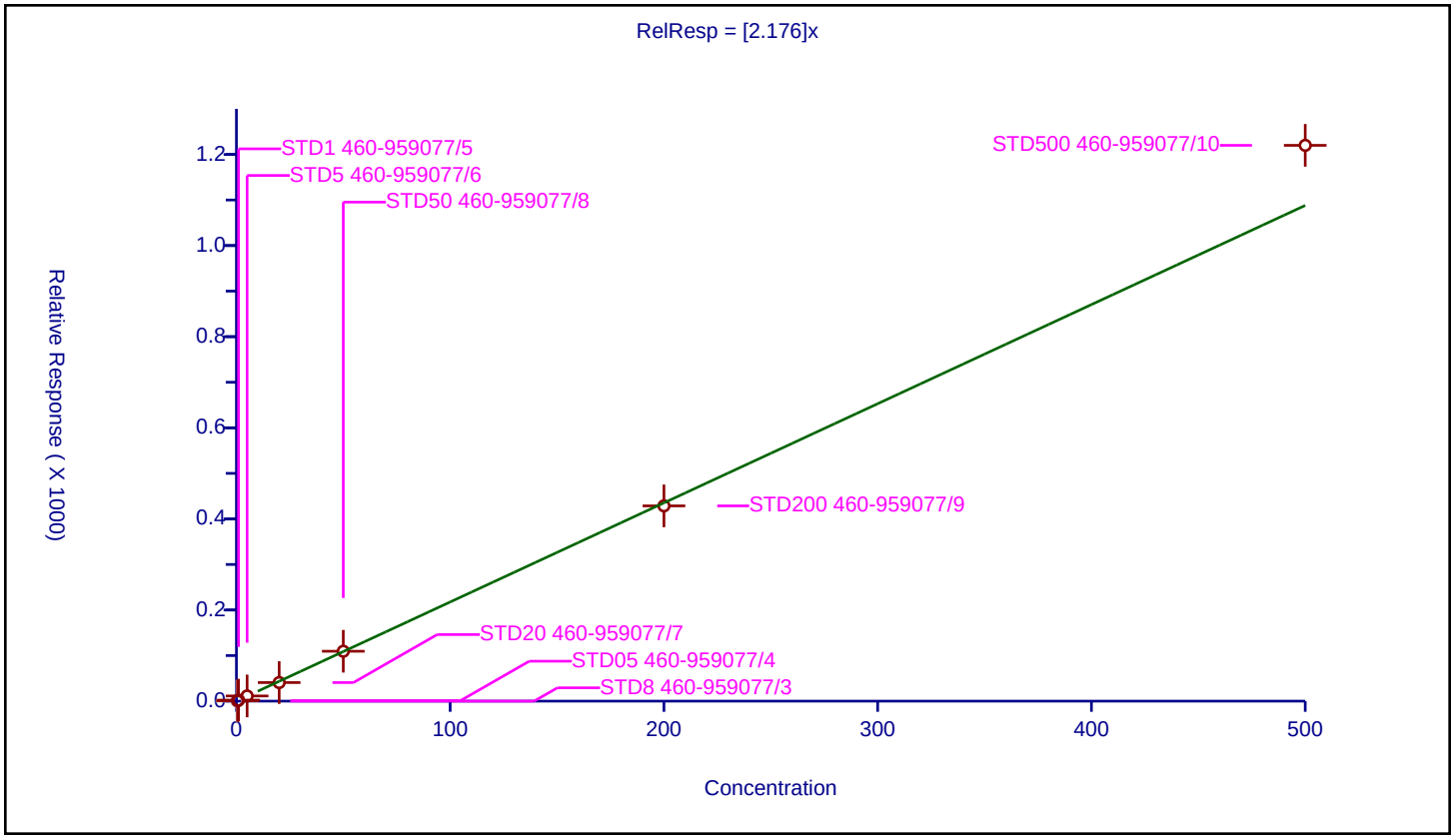
Curve Coefficients

Intercept:	0
Slope:	2.176

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	250.0	342746.0	0.0	N
2	STD05 460-959077/4	0.5	0.961958	250.0	343830.0	1.923916	Y
3	STD1 460-959077/5	1.0	2.220348	250.0	338573.0	2.220348	Y
4	STD5 460-959077/6	5.0	11.383087	250.0	335937.0	2.276617	Y
5	STD20 460-959077/7	20.0	40.770239	250.0	360784.0	2.038512	Y
6	STD50 460-959077/8	50.0	109.527266	250.0	351974.0	2.190545	Y
7	STD200 460-959077/9	200.0	428.622903	250.0	366343.0	2.143115	Y
8	STD500 460-959077/10	500.0	1219.976011	250.0	348488.0	2.439952	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

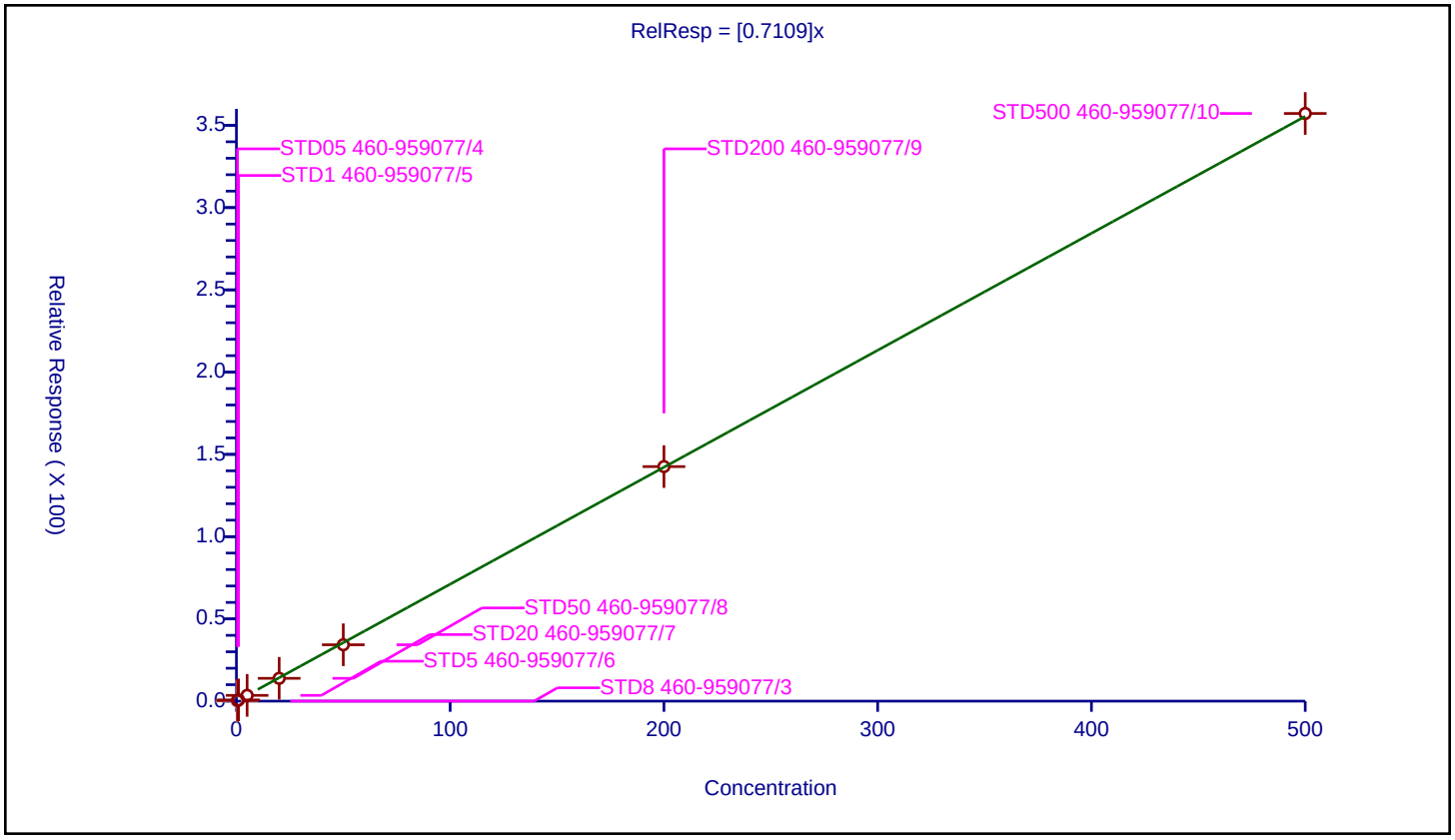
Curve Coefficients

Intercept:	0
Slope:	0.7109

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.366416	50.0	572301.0	0.732831	Y
3	STD1 460-959077/5	1.0	0.735342	50.0	554640.0	0.735342	Y
4	STD5 460-959077/6	5.0	3.511591	50.0	554592.0	0.702318	Y
5	STD20 460-959077/7	20.0	13.867988	50.0	561646.0	0.693399	Y
6	STD50 460-959077/8	50.0	34.263493	50.0	574292.0	0.68527	Y
7	STD200 460-959077/9	200.0	142.580585	50.0	585255.0	0.712903	Y
8	STD500 460-959077/10	500.0	357.210368	50.0	611432.0	0.714421	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

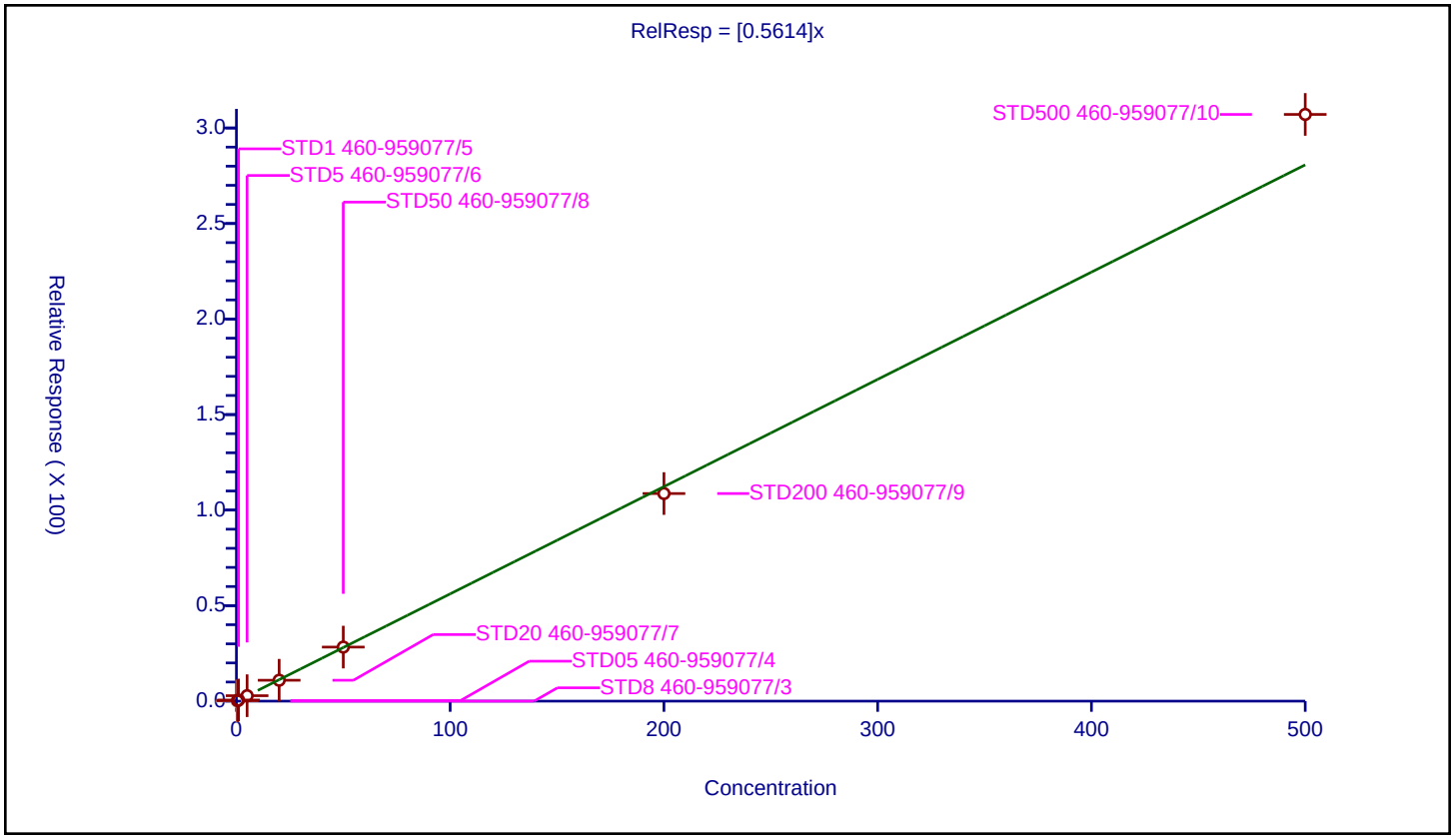
Curve Coefficients

Intercept:	0
Slope:	0.5614

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.25	0.0	50.0	574097.0	0.0	N
2	STD05 460-959077/4	0.5	0.255023	50.0	572301.0	0.510046	Y
3	STD1 460-959077/5	1.0	0.579114	50.0	554640.0	0.579114	Y
4	STD5 460-959077/6	5.0	2.851015	50.0	554592.0	0.570203	Y
5	STD20 460-959077/7	20.0	10.940254	50.0	561646.0	0.547013	Y
6	STD50 460-959077/8	50.0	28.299541	50.0	574292.0	0.565991	Y
7	STD200 460-959077/9	200.0	108.659986	50.0	585255.0	0.5433	Y
8	STD500 460-959077/10	500.0	307.10635	50.0	611432.0	0.614213	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

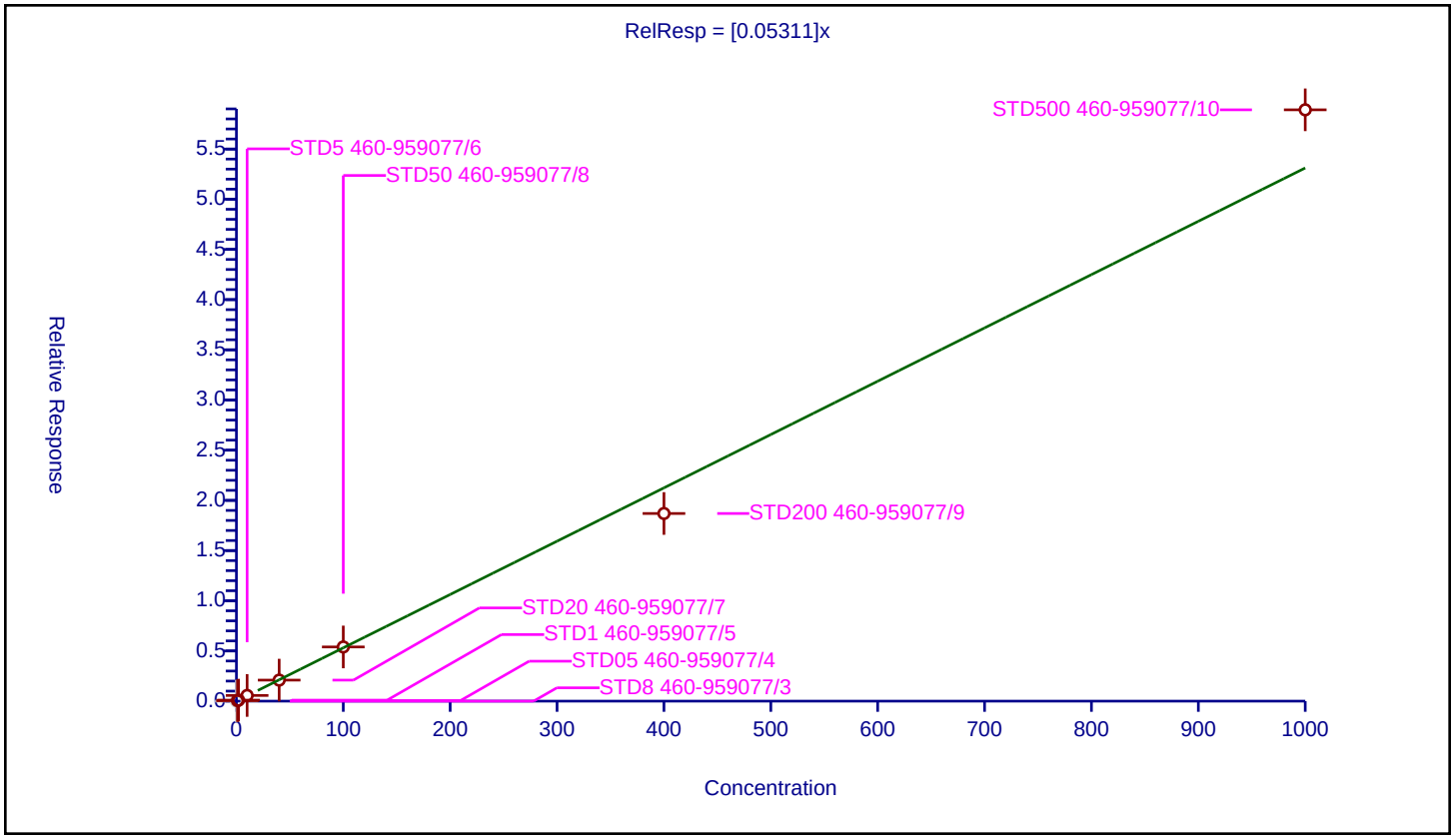
Curve Coefficients

Intercept:	0
Slope:	0.05311

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.052769	50.0	572301.0	0.052769	Y
3	STD1 460-959077/5	2.0	0.100696	50.0	554640.0	0.050348	Y
4	STD5 460-959077/6	10.0	0.566993	50.0	554592.0	0.056699	Y
5	STD20 460-959077/7	40.0	2.094914	50.0	561646.0	0.052373	Y
6	STD50 460-959077/8	100.0	5.397167	50.0	574292.0	0.053972	Y
7	STD200 460-959077/9	400.0	18.692792	50.0	585255.0	0.046732	Y
8	STD500 460-959077/10	1000.0	58.907287	50.0	611432.0	0.058907	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

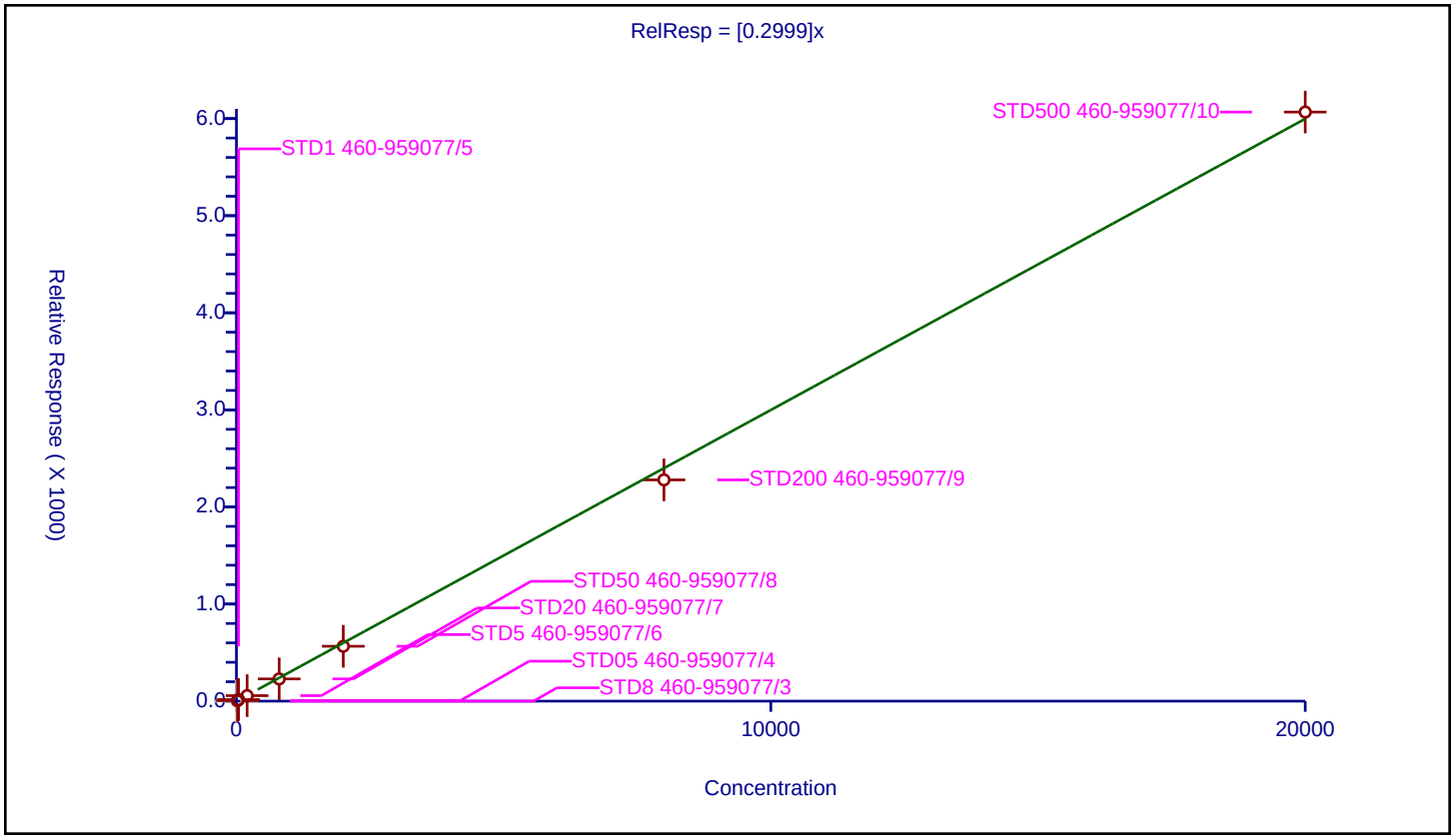
Curve Coefficients

Intercept:	0
Slope:	0.2999

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	20.0	5.279213	1000.0	63267.0	0.263961	Y
3	STD1 460-959077/5	40.0	15.805294	1000.0	61878.0	0.395132	Y
4	STD5 460-959077/6	200.0	56.630494	1000.0	60727.0	0.283152	Y
5	STD20 460-959077/7	800.0	228.862996	1000.0	66341.0	0.286079	Y
6	STD50 460-959077/8	2000.0	565.282877	1000.0	63738.0	0.282641	Y
7	STD200 460-959077/9	8000.0	2278.827132	1000.0	68243.0	0.284853	Y
8	STD500 460-959077/10	20000.0	6067.456999	1000.0	60987.0	0.303373	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

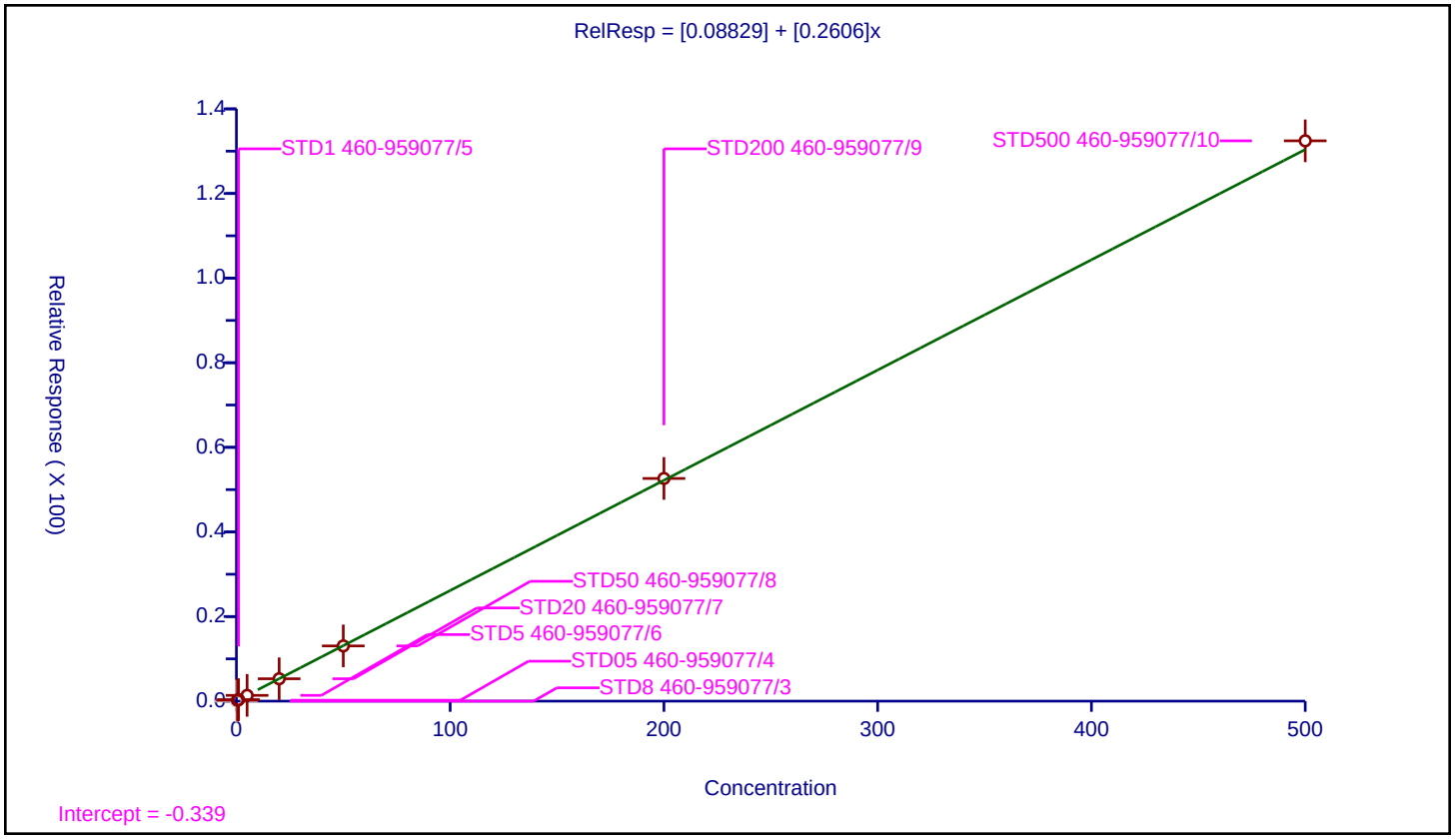
Curve Coefficients

Intercept:	0.08829
Slope:	0.2606

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.218417	50.0	572301.0	0.436833	Y
3	STD1 460-959077/5	1.0	0.350858	50.0	554640.0	0.350858	Y
4	STD5 460-959077/6	5.0	1.360189	50.0	554592.0	0.272038	Y
5	STD20 460-959077/7	20.0	5.291589	50.0	561646.0	0.264579	Y
6	STD50 460-959077/8	50.0	13.055902	50.0	574292.0	0.261118	Y
7	STD200 460-959077/9	200.0	52.636201	50.0	585255.0	0.263181	Y
8	STD500 460-959077/10	500.0	132.45414	50.0	611432.0	0.264908	Y



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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

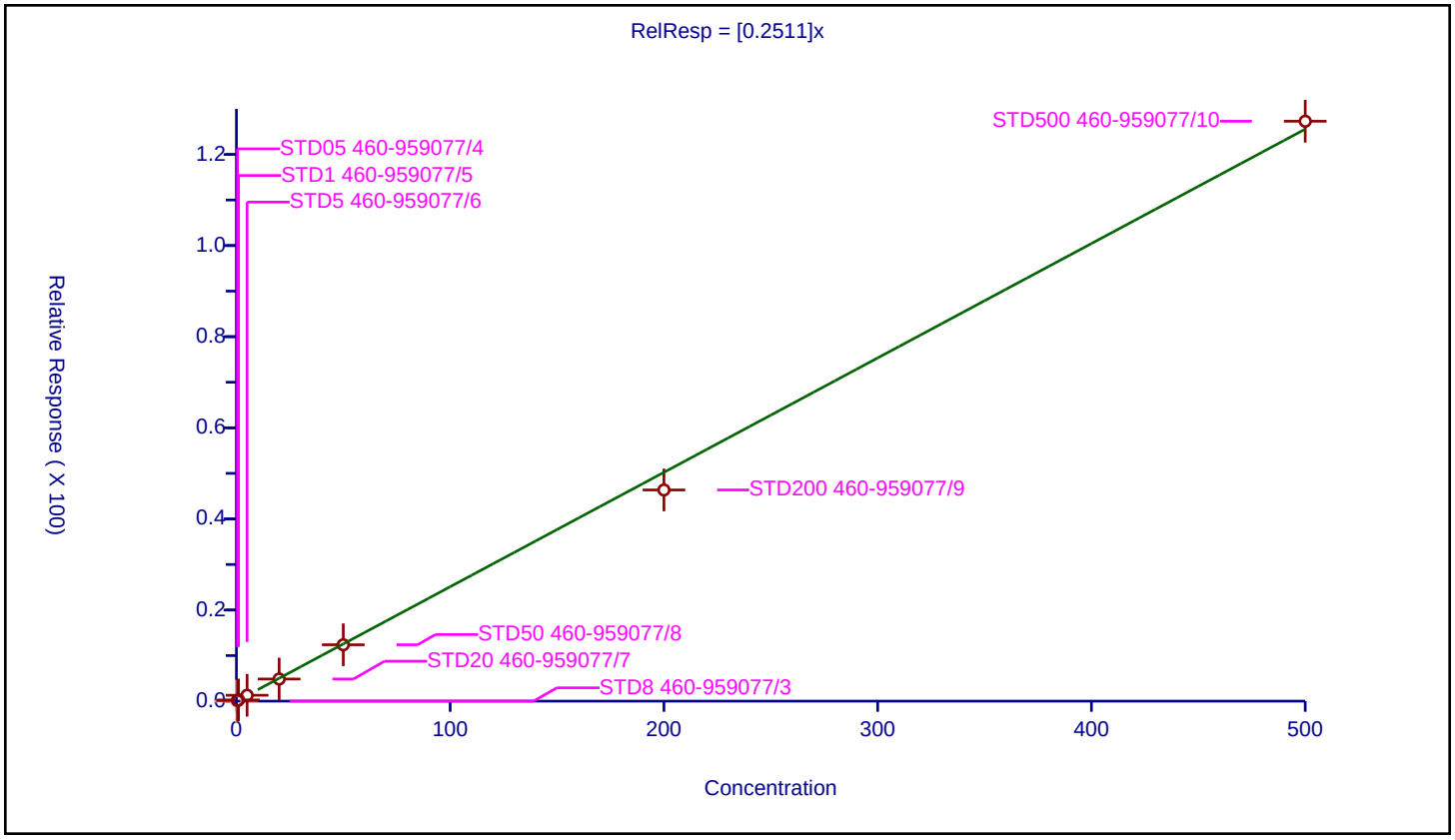
Curve Coefficients

Intercept:	0
Slope:	0.2511

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.132797	50.0	572301.0	0.265595	Y
3	STD1 460-959077/5	1.0	0.257374	50.0	554640.0	0.257374	Y
4	STD5 460-959077/6	5.0	1.29131	50.0	554592.0	0.258262	Y
5	STD20 460-959077/7	20.0	4.855728	50.0	561646.0	0.242786	Y
6	STD50 460-959077/8	50.0	12.371755	50.0	574292.0	0.247435	Y
7	STD200 460-959077/9	200.0	46.354324	50.0	585255.0	0.231772	Y
8	STD500 460-959077/10	500.0	127.286354	50.0	611432.0	0.254573	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

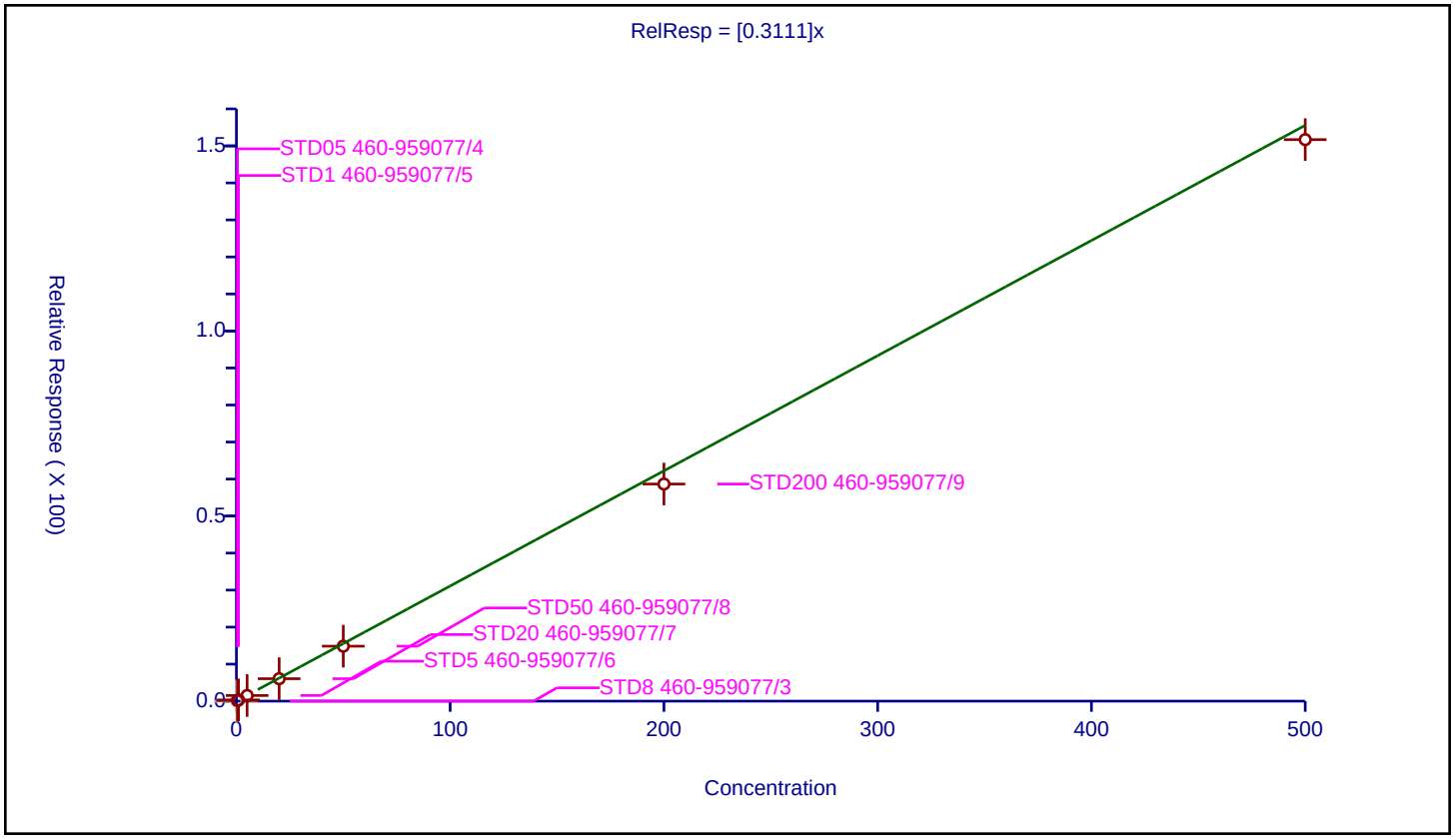
Curve Coefficients

Intercept:	0
Slope:	0.3111

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.172899	50.0	572301.0	0.345797	Y
3	STD1 460-959077/5	1.0	0.330845	50.0	554640.0	0.330845	Y
4	STD5 460-959077/6	5.0	1.52238	50.0	554592.0	0.304476	Y
5	STD20 460-959077/7	20.0	6.062894	50.0	561646.0	0.303145	Y
6	STD50 460-959077/8	50.0	14.844626	50.0	574292.0	0.296893	Y
7	STD200 460-959077/9	200.0	58.650503	50.0	585255.0	0.293253	Y
8	STD500 460-959077/10	500.0	151.697245	50.0	611432.0	0.303394	Y



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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

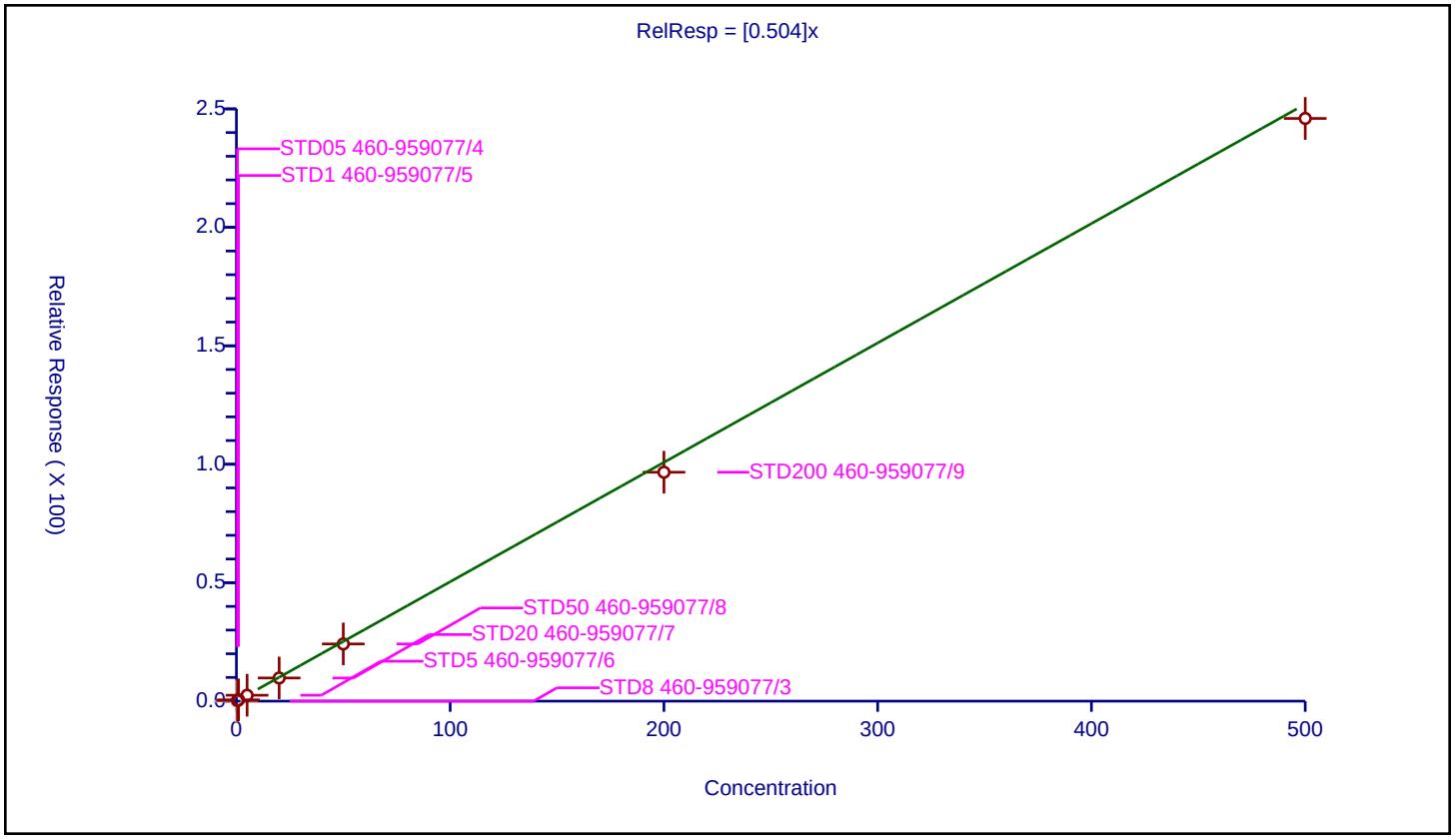
Curve Coefficients

Intercept:	0
Slope:	0.504

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.269788	50.0	572301.0	0.539576	Y
3	STD1 460-959077/5	1.0	0.543325	50.0	554640.0	0.543325	Y
4	STD5 460-959077/6	5.0	2.491111	50.0	554592.0	0.498222	Y
5	STD20 460-959077/7	20.0	9.774929	50.0	561646.0	0.488746	Y
6	STD50 460-959077/8	50.0	24.147298	50.0	574292.0	0.482946	Y
7	STD200 460-959077/9	200.0	96.628905	50.0	585255.0	0.483145	Y
8	STD500 460-959077/10	500.0	245.965864	50.0	611432.0	0.491932	Y



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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

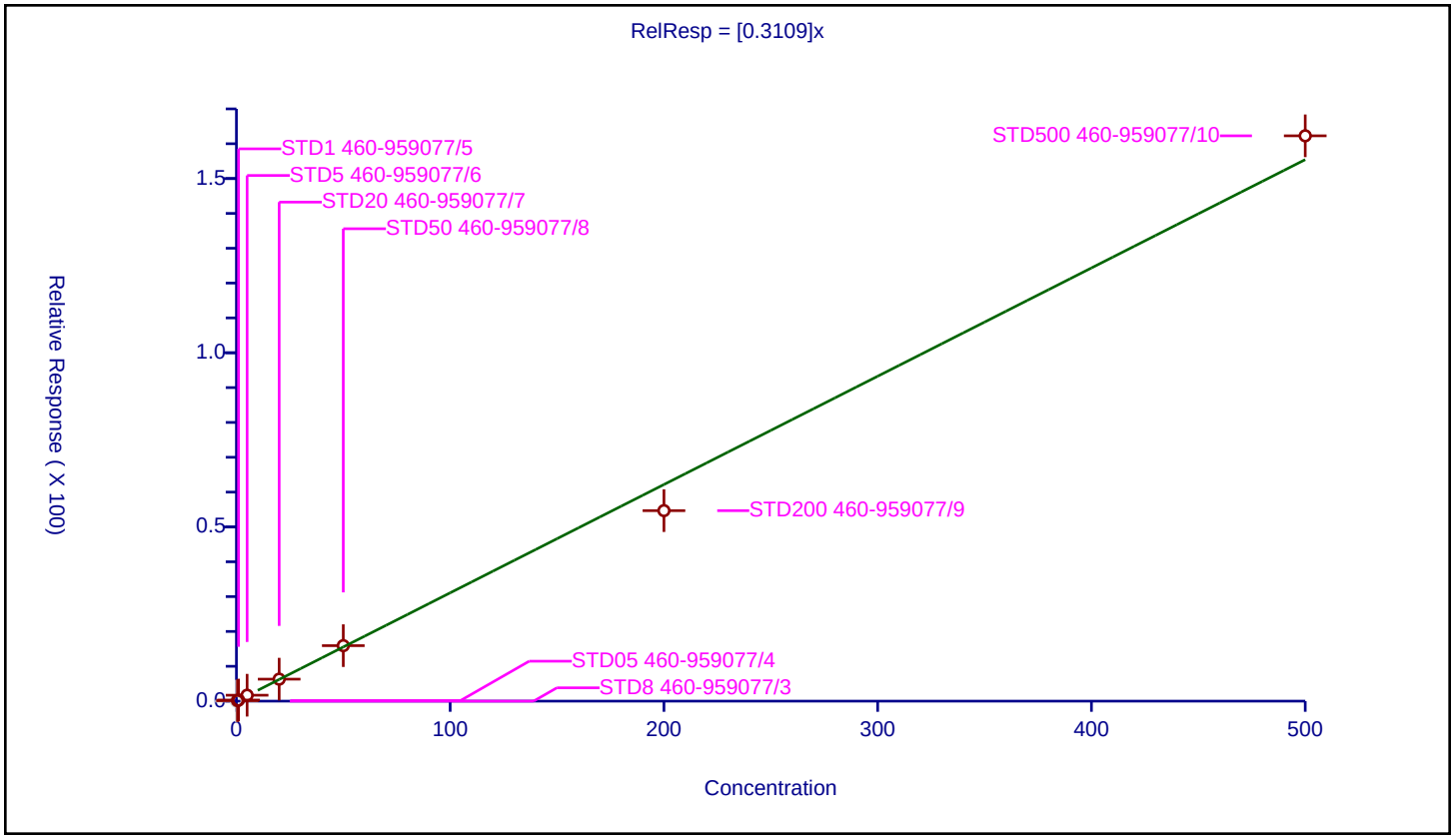
Curve Coefficients

Intercept:	0
Slope:	0.3109

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.14564	50.0	572301.0	0.29128	Y
3	STD1 460-959077/5	1.0	0.312816	50.0	554640.0	0.312816	Y
4	STD5 460-959077/6	5.0	1.698907	50.0	554592.0	0.339781	Y
5	STD20 460-959077/7	20.0	6.313852	50.0	561646.0	0.315693	Y
6	STD50 460-959077/8	50.0	15.926828	50.0	574292.0	0.318537	Y
7	STD200 460-959077/9	200.0	54.683941	50.0	585255.0	0.27342	Y
8	STD500 460-959077/10	500.0	162.27242	50.0	611432.0	0.324545	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

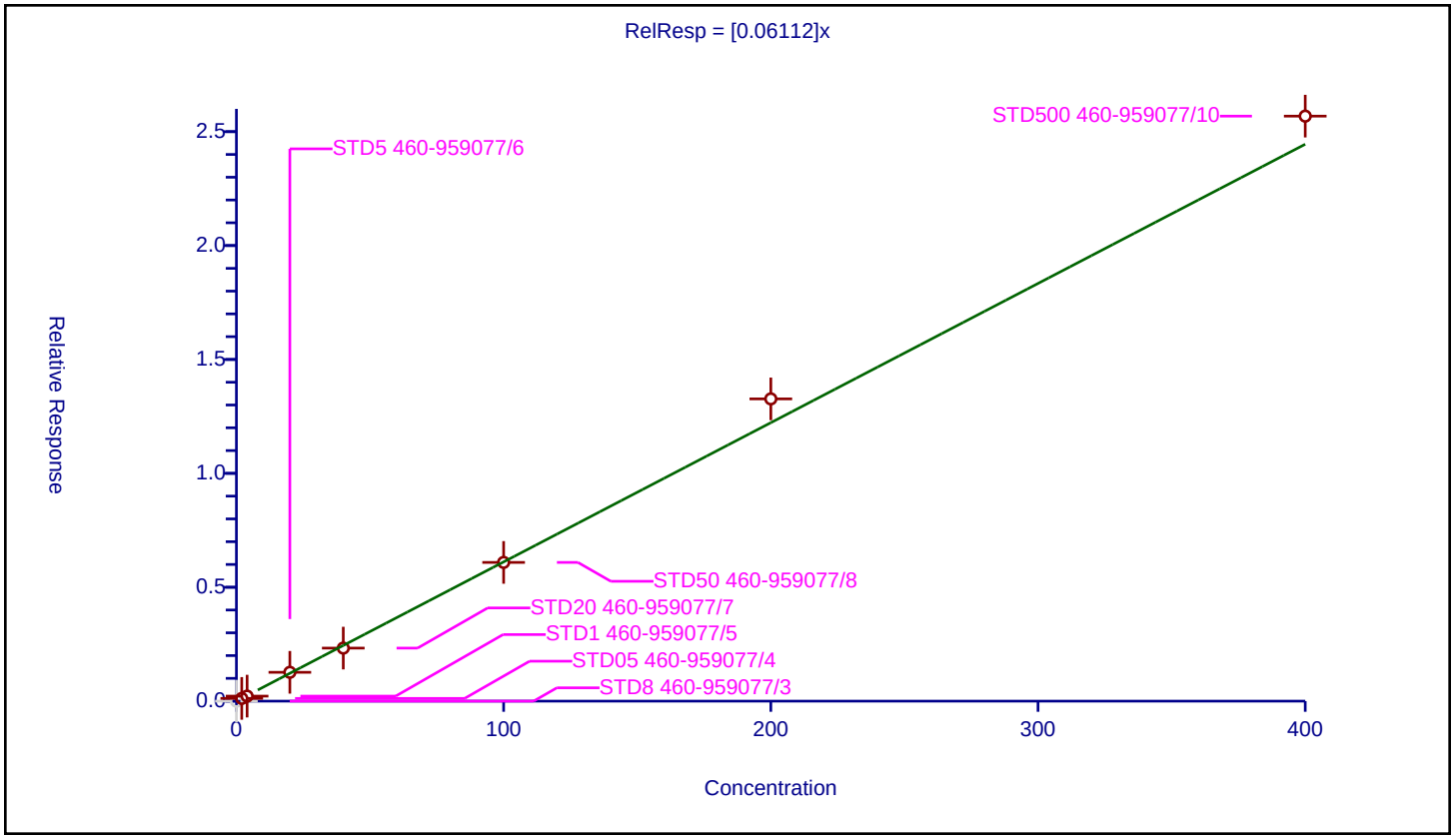
Curve Coefficients

Intercept:	0
Slope:	0.06112

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	2.0	0.11978	50.0	572301.0	0.05989	Y
3	STD1 460-959077/5	4.0	0.220053	50.0	554640.0	0.055013	Y
4	STD5 460-959077/6	20.0	1.265615	50.0	554592.0	0.063281	Y
5	STD20 460-959077/7	40.0	2.328335	50.0	561646.0	0.058208	Y
6	STD50 460-959077/8	100.0	6.090107	50.0	574292.0	0.060901	Y
7	STD200 460-959077/9	200.0	13.268832	50.0	585255.0	0.066344	Y
8	STD500 460-959077/10	400.0	25.682251	50.0	611432.0	0.064206	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

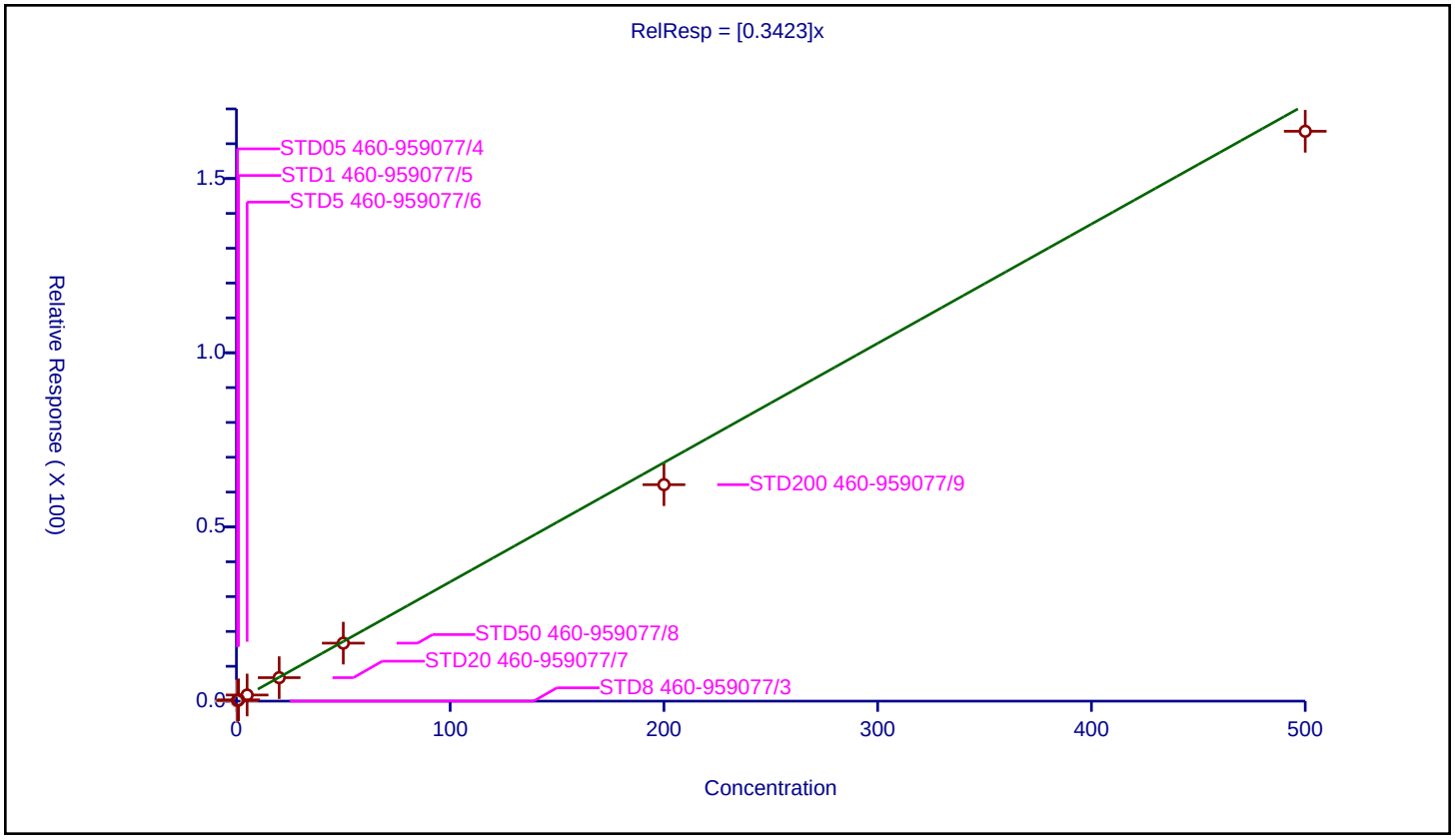
Curve Coefficients

Intercept:	0
Slope:	0.3423

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.183033	50.0	572301.0	0.366066	Y
3	STD1 460-959077/5	1.0	0.37015	50.0	554640.0	0.37015	Y
4	STD5 460-959077/6	5.0	1.763368	50.0	554592.0	0.352674	Y
5	STD20 460-959077/7	20.0	6.736717	50.0	561646.0	0.336836	Y
6	STD50 460-959077/8	50.0	16.643885	50.0	574292.0	0.332878	Y
7	STD200 460-959077/9	200.0	62.138384	50.0	585255.0	0.310692	Y
8	STD500 460-959077/10	500.0	163.574936	50.0	611432.0	0.32715	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

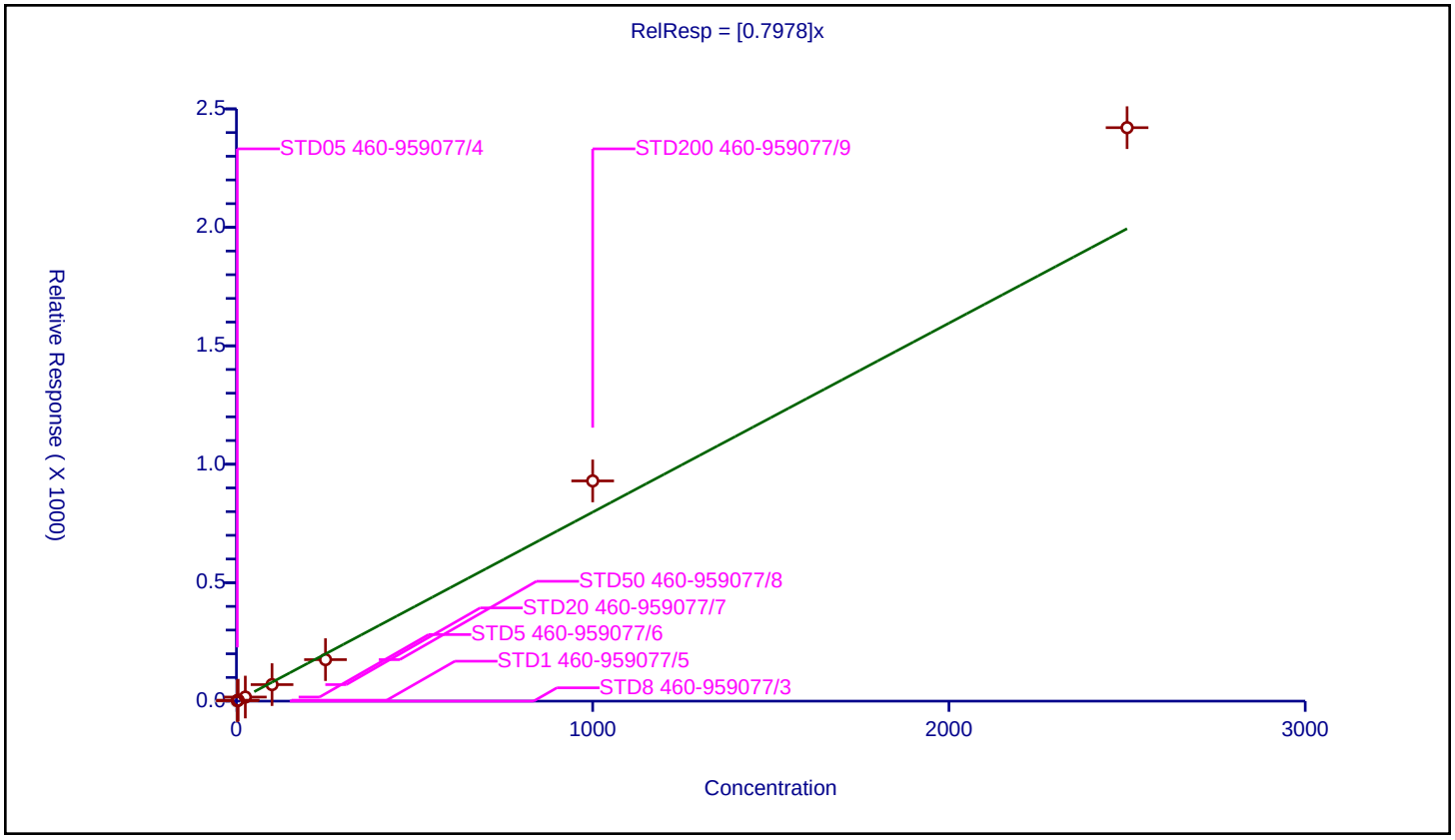
Curve Coefficients

Intercept:	0
Slope:	0.7978

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	2.000262	250.0	343830.0	0.800105	Y
3	STD1 460-959077/5	5.0	3.981416	250.0	338573.0	0.796283	Y
4	STD5 460-959077/6	25.0	17.297142	250.0	335937.0	0.691886	Y
5	STD20 460-959077/7	100.0	69.715536	250.0	360784.0	0.697155	Y
6	STD50 460-959077/8	250.0	175.22246	250.0	351974.0	0.70089	Y
7	STD200 460-959077/9	1000.0	929.657452	250.0	366343.0	0.929657	Y
8	STD500 460-959077/10	2500.0	2420.711043	250.0	348488.0	0.968284	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

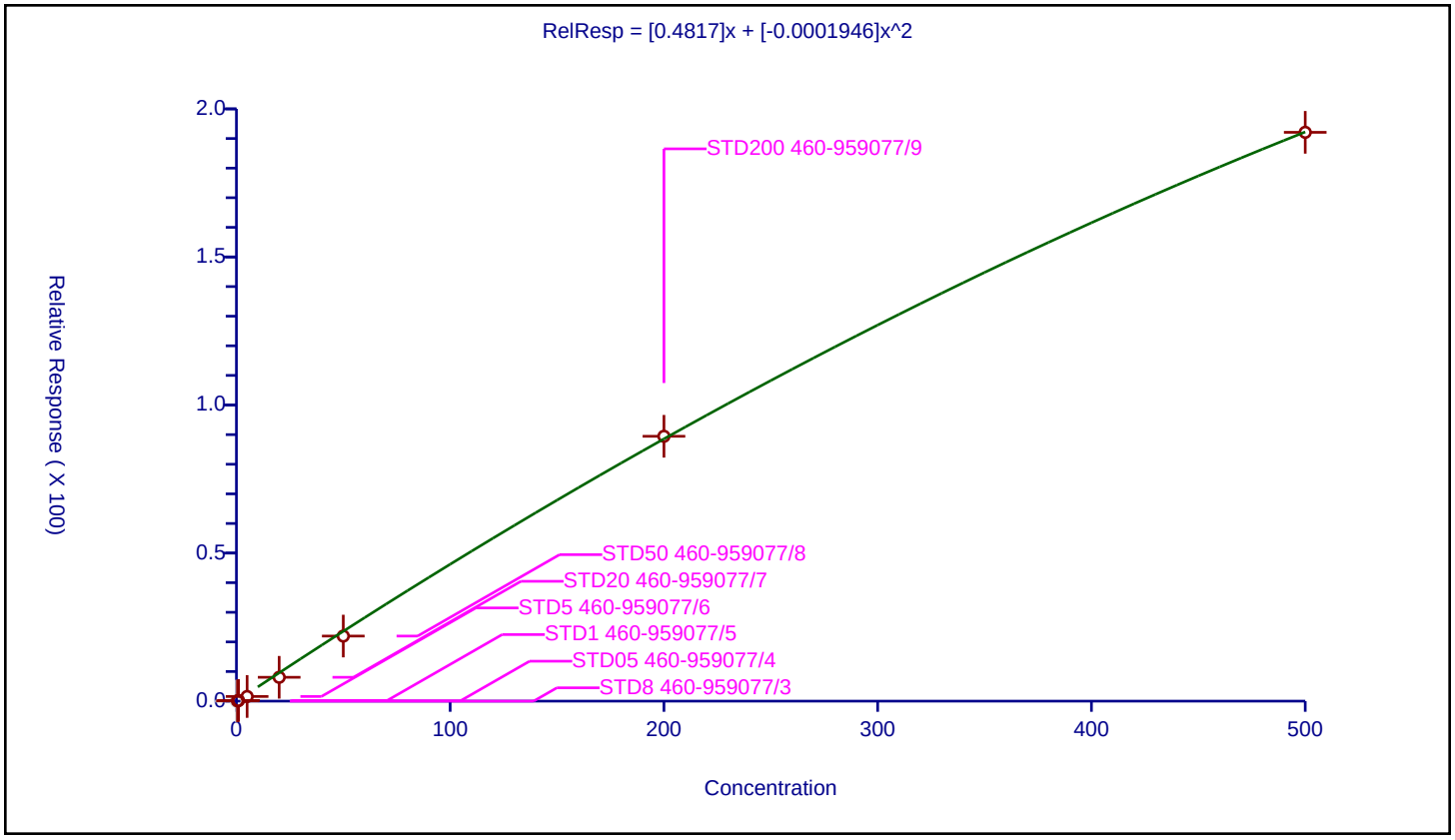
Curve Coefficients

Intercept:	0
Slope:	0.4817
Second Order:	-0.0001946

Error Coefficients

Relative Standard Deviation:	41.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.090599	50.0	572301.0	0.181198	Y
3	STD1 460-959077/5	1.0	0.213472	50.0	554640.0	0.213472	Y
4	STD5 460-959077/6	5.0	1.565746	50.0	554592.0	0.313149	Y
5	STD20 460-959077/7	20.0	8.050979	50.0	561646.0	0.402549	Y
6	STD50 460-959077/8	50.0	21.975493	50.0	574292.0	0.43951	Y
7	STD200 460-959077/9	200.0	89.445968	50.0	585255.0	0.44723	Y
8	STD500 460-959077/10	500.0	192.086283	50.0	611432.0	0.384173	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

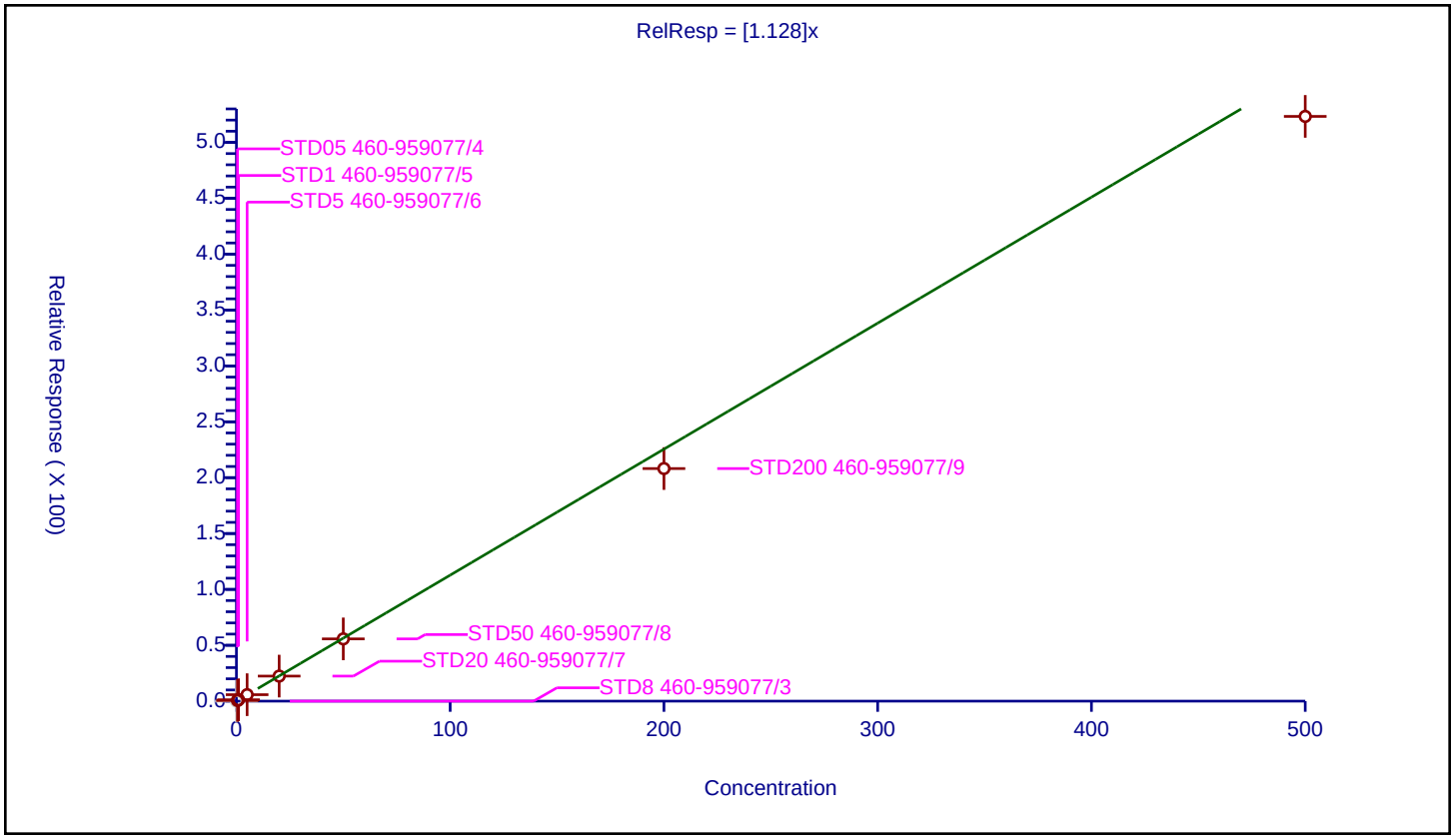
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.588676	50.0	572301.0	1.177352	Y
3	STD1 460-959077/5	1.0	1.235306	50.0	554640.0	1.235306	Y
4	STD5 460-959077/6	5.0	5.787588	50.0	554592.0	1.157518	Y
5	STD20 460-959077/7	20.0	22.416789	50.0	561646.0	1.120839	Y
6	STD50 460-959077/8	50.0	55.717475	50.0	574292.0	1.114349	Y
7	STD200 460-959077/9	200.0	208.147474	50.0	585255.0	1.040737	Y
8	STD500 460-959077/10	500.0	523.282311	50.0	611432.0	1.046565	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

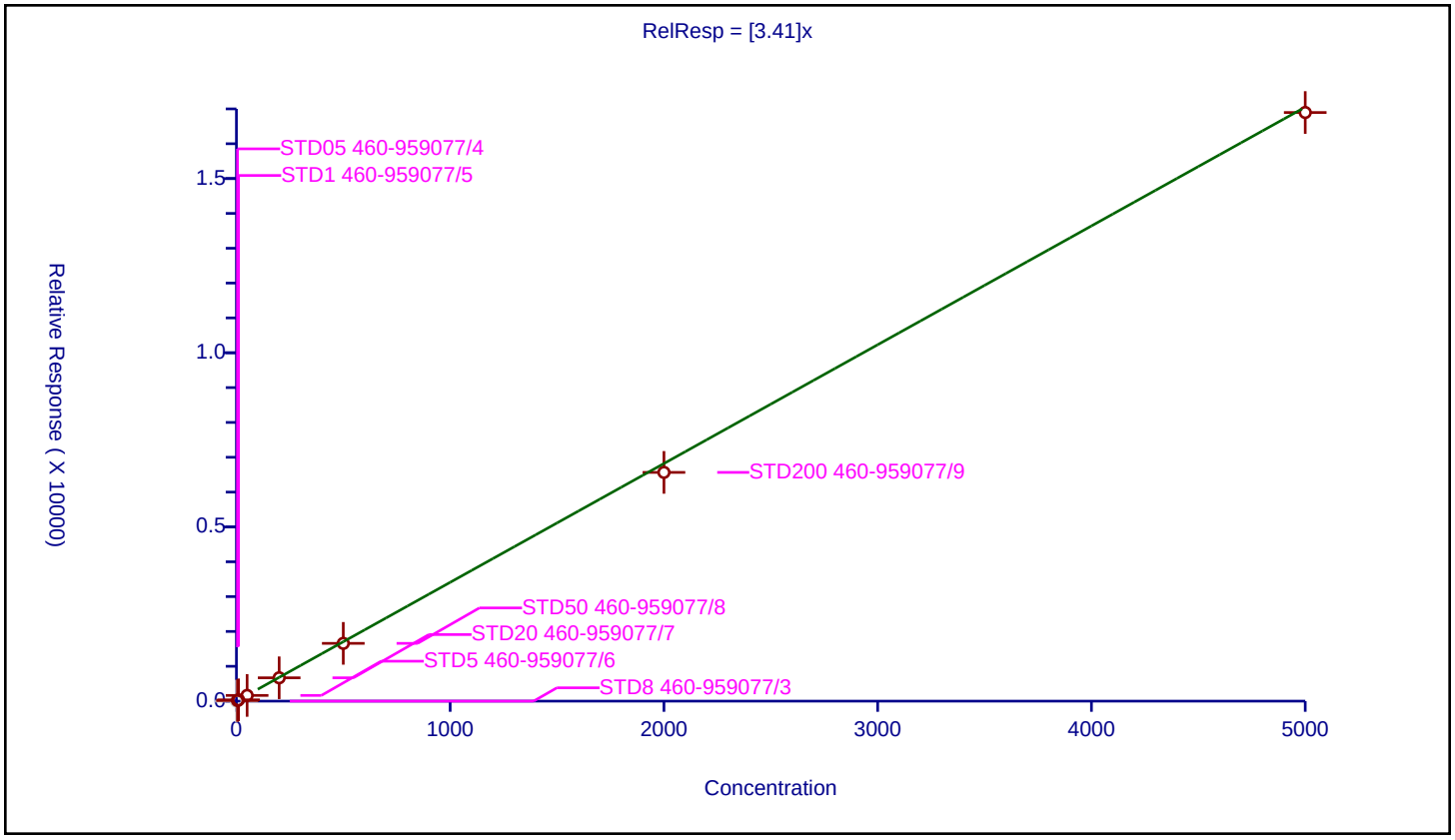
Curve Coefficients

Intercept:	0
Slope:	3.41

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	5.0	17.607916	1000.0	63267.0	3.521583	Y
3	STD1 460-959077/5	10.0	37.363845	1000.0	61878.0	3.736384	Y
4	STD5 460-959077/6	50.0	164.127983	1000.0	60727.0	3.28256	Y
5	STD20 460-959077/7	200.0	670.083357	1000.0	66341.0	3.350417	Y
6	STD50 460-959077/8	500.0	1658.743607	1000.0	63738.0	3.317487	Y
7	STD200 460-959077/9	2000.0	6566.036077	1000.0	68243.0	3.283018	Y
8	STD500 460-959077/10	5000.0	16896.076213	1000.0	60987.0	3.379215	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

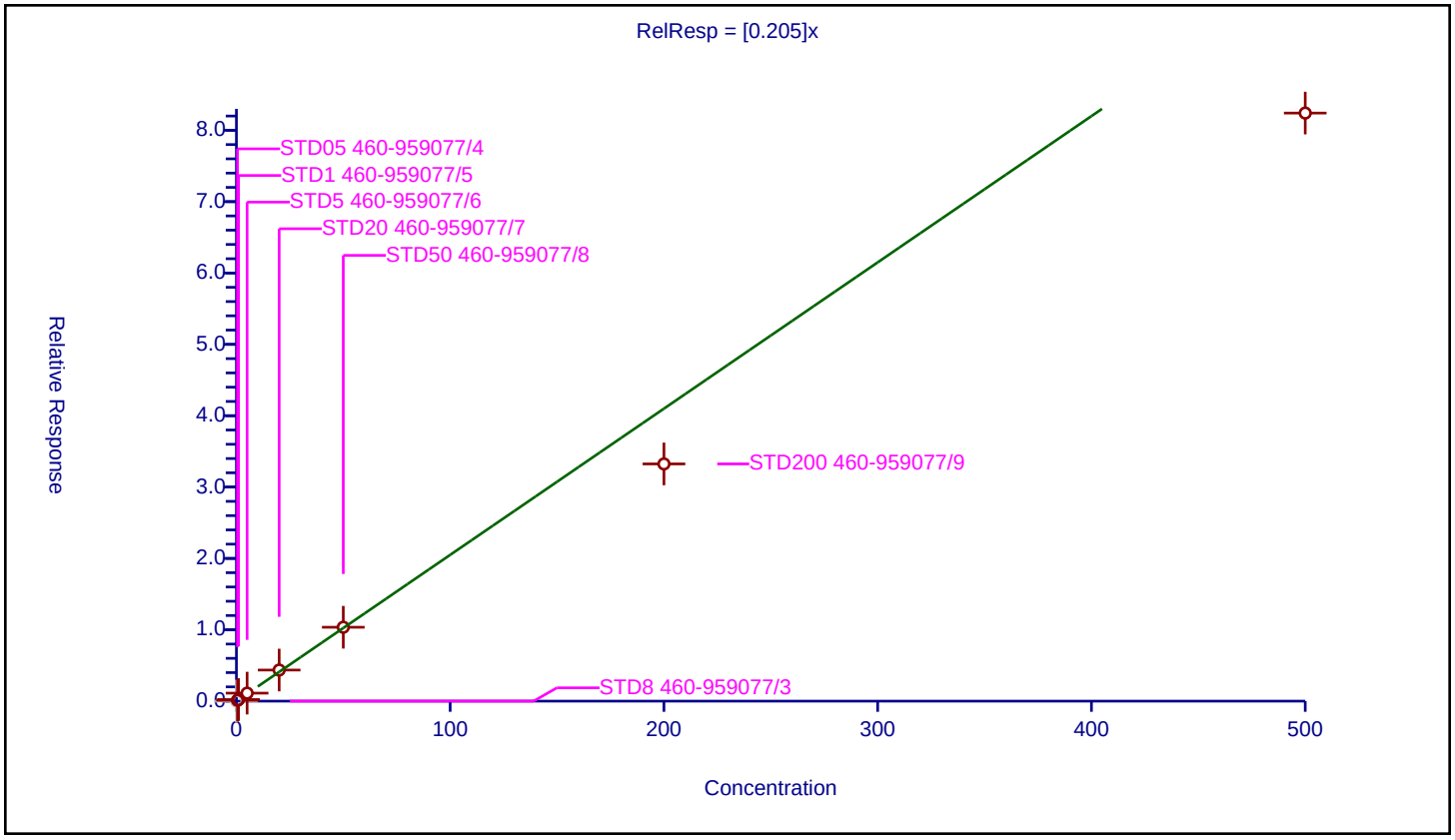
Curve Coefficients

Intercept:	0
Slope:	0.205

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.115935	50.0	572301.0	0.231871	Y
3	STD1 460-959077/5	1.0	0.222126	50.0	554640.0	0.222126	Y
4	STD5 460-959077/6	5.0	1.123168	50.0	554592.0	0.224634	Y
5	STD20 460-959077/7	20.0	4.359419	50.0	561646.0	0.217971	Y
6	STD50 460-959077/8	50.0	10.356752	50.0	574292.0	0.207135	Y
7	STD200 460-959077/9	200.0	33.243458	50.0	585255.0	0.166217	Y
8	STD500 460-959077/10	500.0	82.41358	50.0	611432.0	0.164827	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

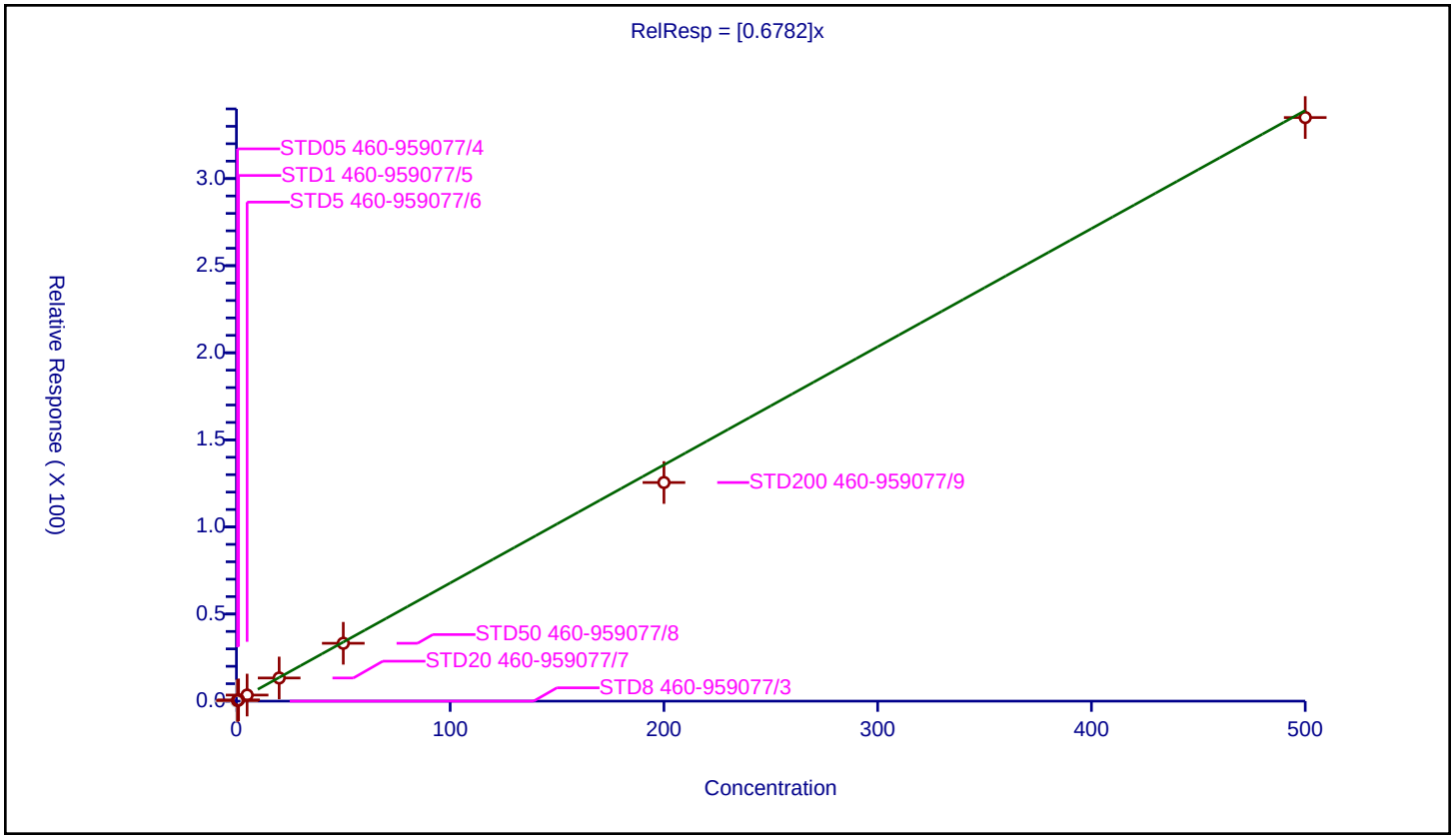
Curve Coefficients

Intercept:	0
Slope:	0.6782

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.35366	50.0	572301.0	0.70732	Y
3	STD1 460-959077/5	1.0	0.71587	50.0	554640.0	0.71587	Y
4	STD5 460-959077/6	5.0	3.487789	50.0	554592.0	0.697558	Y
5	STD20 460-959077/7	20.0	13.289065	50.0	561646.0	0.664453	Y
6	STD50 460-959077/8	50.0	33.22134	50.0	574292.0	0.664427	Y
7	STD200 460-959077/9	200.0	125.511358	50.0	585255.0	0.627557	Y
8	STD500 460-959077/10	500.0	335.035621	50.0	611432.0	0.670071	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

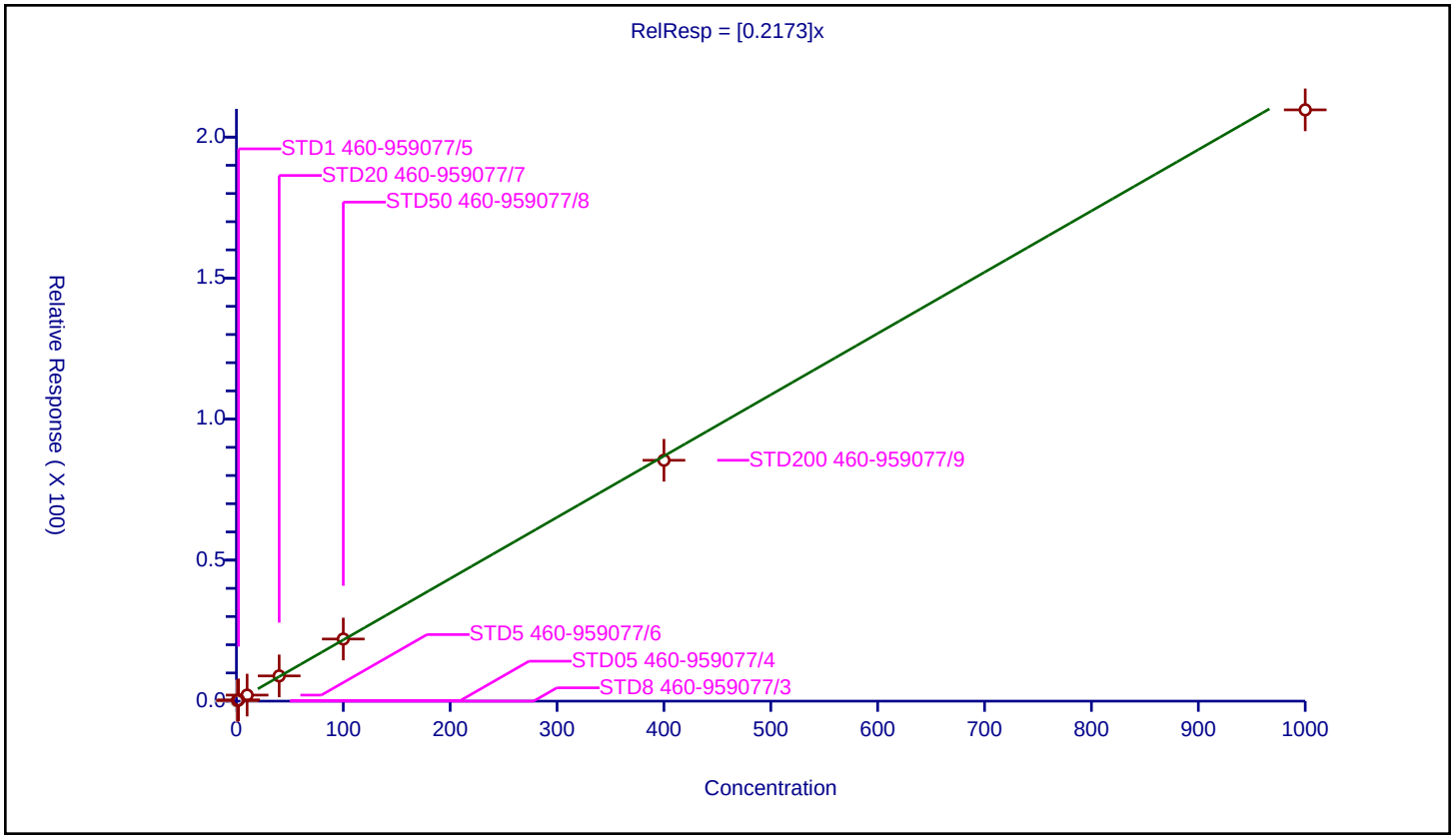
Curve Coefficients

Intercept:	0
Slope:	0.2173

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.21597	50.0	572301.0	0.21597	Y
3	STD1 460-959077/5	2.0	0.445965	50.0	554640.0	0.222982	Y
4	STD5 460-959077/6	10.0	2.146984	50.0	554592.0	0.214698	Y
5	STD20 460-959077/7	40.0	8.95119	50.0	561646.0	0.22378	Y
6	STD50 460-959077/8	100.0	22.031214	50.0	574292.0	0.220312	Y
7	STD200 460-959077/9	400.0	85.407216	50.0	585255.0	0.213518	Y
8	STD500 460-959077/10	1000.0	209.657002	50.0	611432.0	0.209657	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

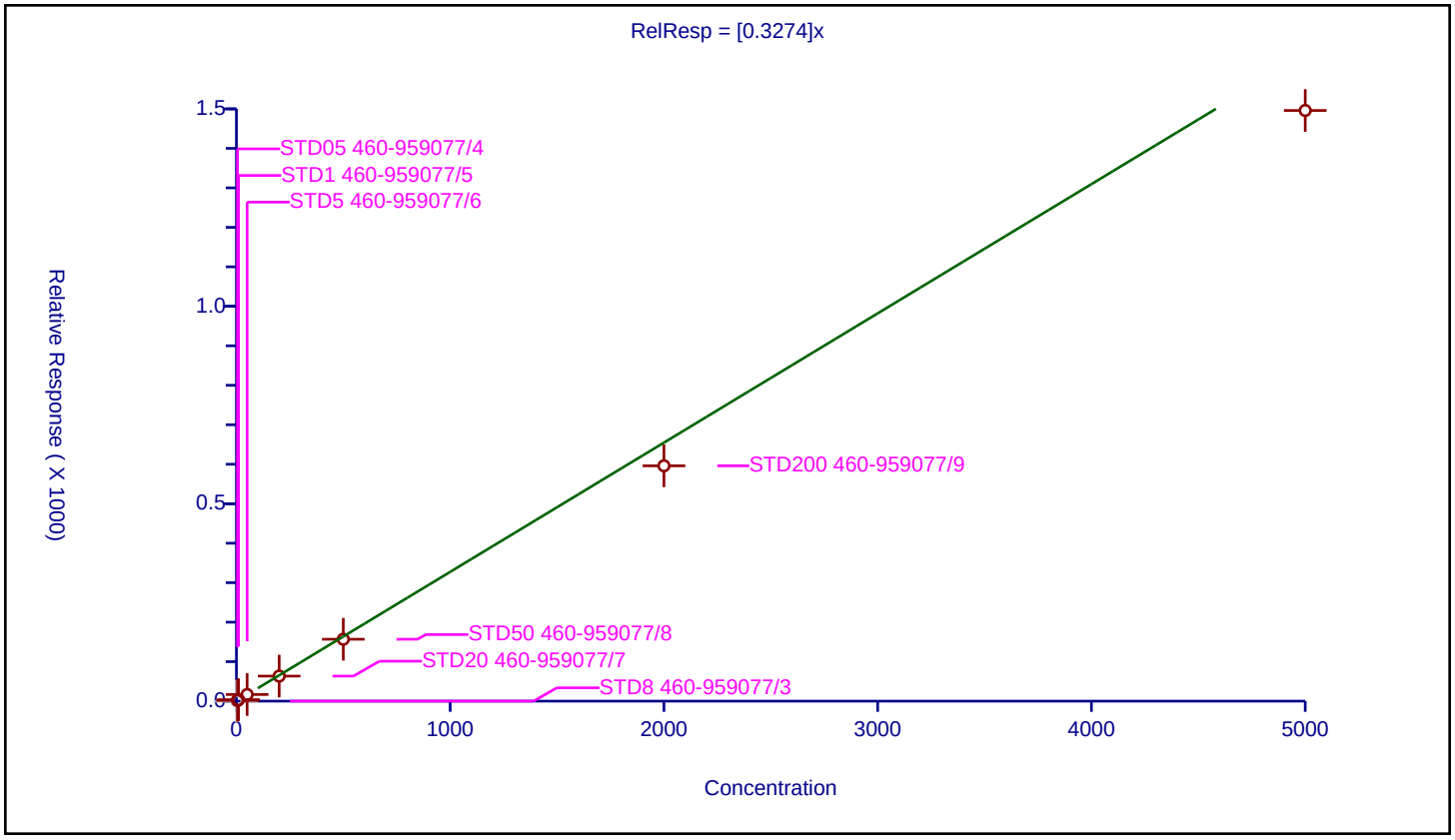
Curve Coefficients

Intercept:	0
Slope:	0.3274

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	5.0	1.798854	250.0	343830.0	0.359771	Y
3	STD1 460-959077/5	10.0	3.687536	250.0	338573.0	0.368754	Y
4	STD5 460-959077/6	50.0	16.742723	250.0	335937.0	0.334854	Y
5	STD20 460-959077/7	200.0	63.47011	250.0	360784.0	0.317351	Y
6	STD50 460-959077/8	500.0	156.811299	250.0	351974.0	0.313623	Y
7	STD200 460-959077/9	2000.0	596.03773	250.0	366343.0	0.298019	Y
8	STD500 460-959077/10	5000.0	1495.957537	250.0	348488.0	0.299192	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

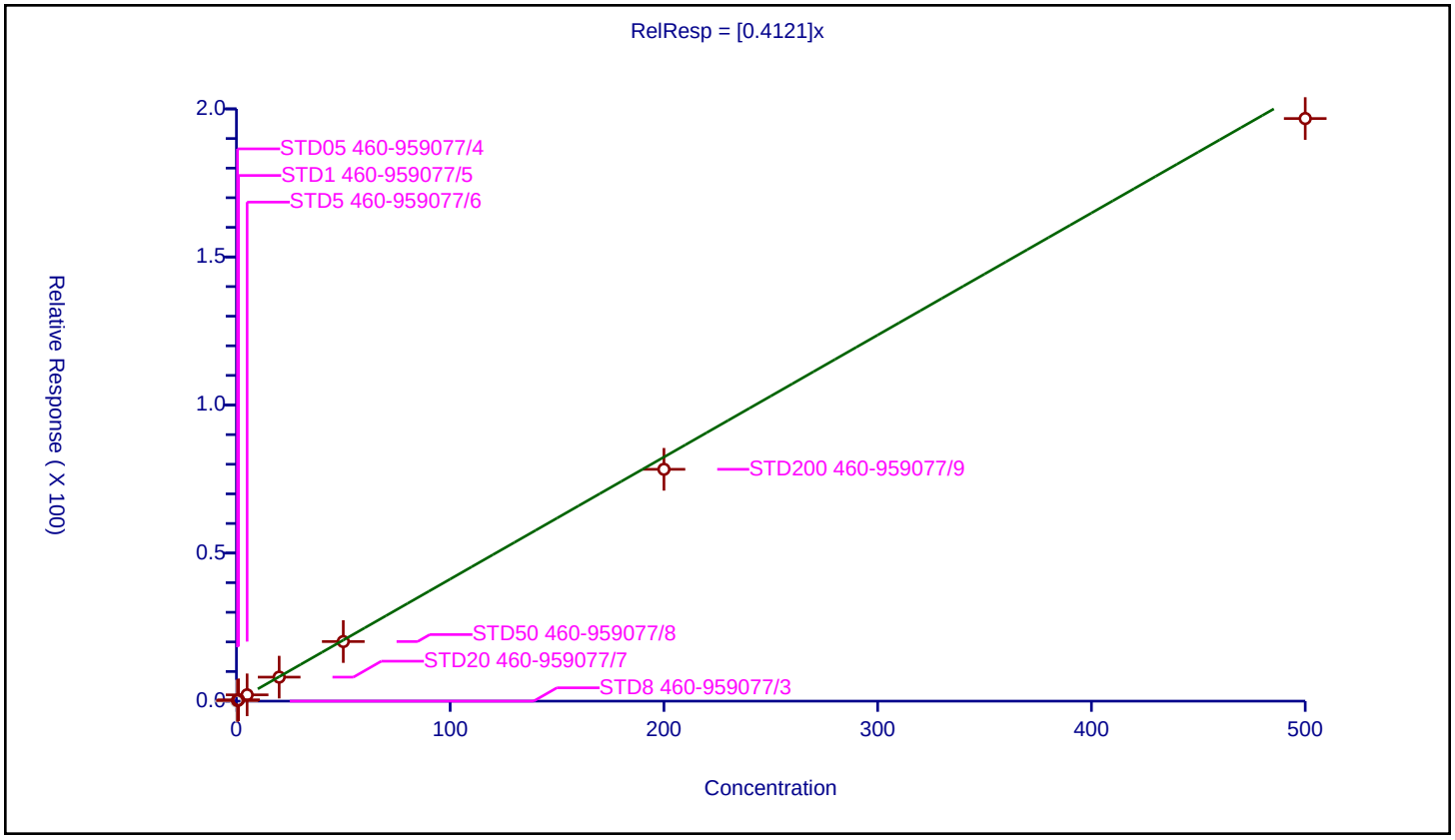
Curve Coefficients

Intercept:	0
Slope:	0.4121

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.208806	50.0	572301.0	0.417612	Y
3	STD1 460-959077/5	1.0	0.44903	50.0	554640.0	0.44903	Y
4	STD5 460-959077/6	5.0	2.126338	50.0	554592.0	0.425268	Y
5	STD20 460-959077/7	20.0	8.107776	50.0	561646.0	0.405389	Y
6	STD50 460-959077/8	50.0	20.124257	50.0	574292.0	0.402485	Y
7	STD200 460-959077/9	200.0	78.291685	50.0	585255.0	0.391458	Y
8	STD500 460-959077/10	500.0	196.741911	50.0	611432.0	0.393484	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

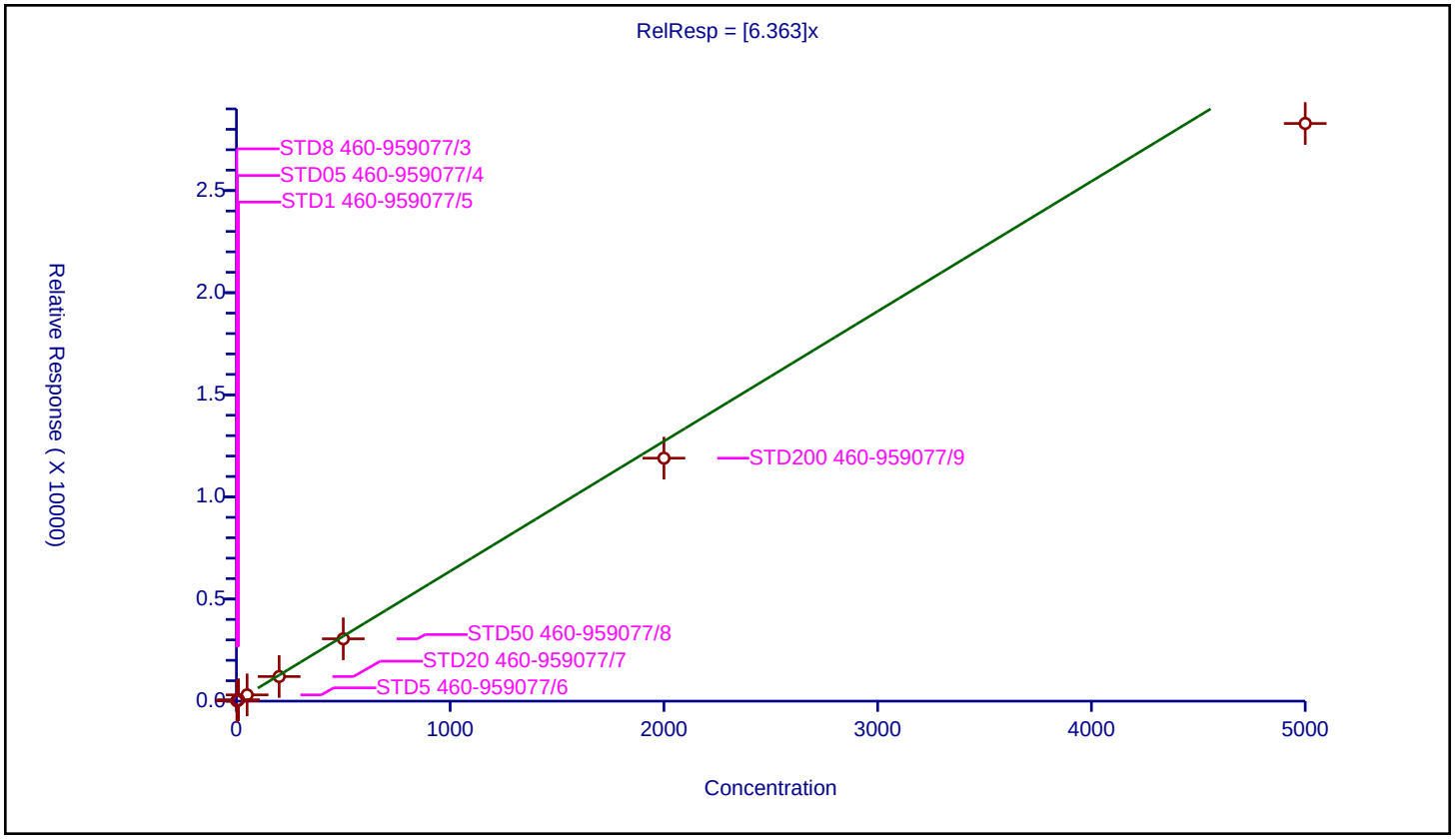
Curve Coefficients

Intercept:	0
Slope:	6.363

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	2.0	14.571348	1000.0	63618.0	7.285674	Y
2	STD05 460-959077/4	5.0	35.105189	1000.0	63267.0	7.021038	Y
3	STD1 460-959077/5	10.0	67.229064	1000.0	61878.0	6.722906	Y
4	STD5 460-959077/6	50.0	307.145092	1000.0	60727.0	6.142902	Y
5	STD20 460-959077/7	200.0	1204.368339	1000.0	66341.0	6.021842	Y
6	STD50 460-959077/8	500.0	3052.260818	1000.0	63738.0	6.104522	Y
7	STD200 460-959077/9	2000.0	11896.722008	1000.0	68243.0	5.948361	Y
8	STD500 460-959077/10	5000.0	28284.896781	1000.0	60987.0	5.656979	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

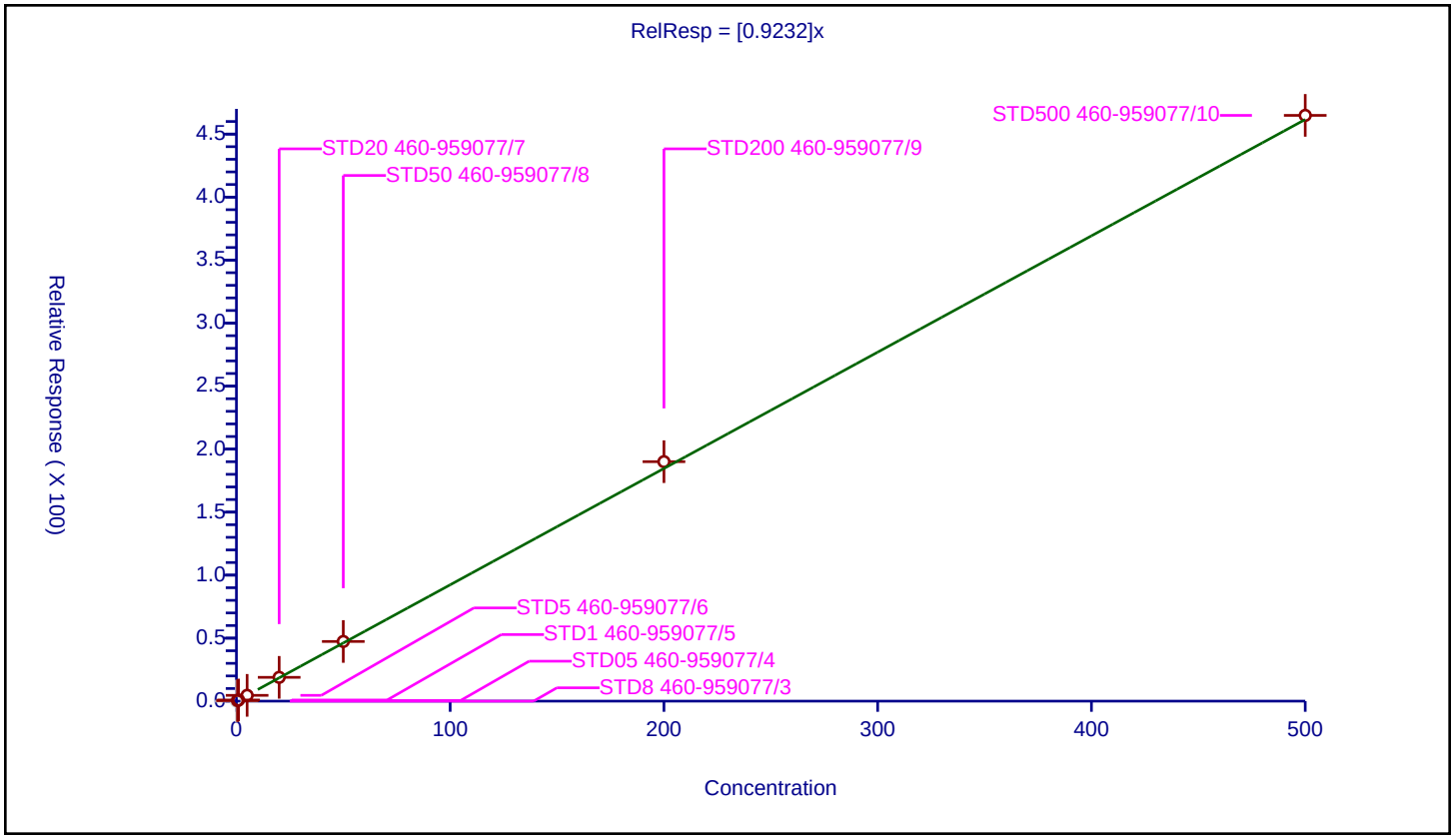
Curve Coefficients

Intercept:	0
Slope:	0.9232

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.440939	50.0	572301.0	0.881879	Y
3	STD1 460-959077/5	1.0	0.890397	50.0	554640.0	0.890397	Y
4	STD5 460-959077/6	5.0	4.591934	50.0	554592.0	0.918387	Y
5	STD20 460-959077/7	20.0	18.888766	50.0	561646.0	0.944438	Y
6	STD50 460-959077/8	50.0	47.357877	50.0	574292.0	0.947158	Y
7	STD200 460-959077/9	200.0	190.046988	50.0	585255.0	0.950235	Y
8	STD500 460-959077/10	500.0	464.837627	50.0	611432.0	0.929675	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

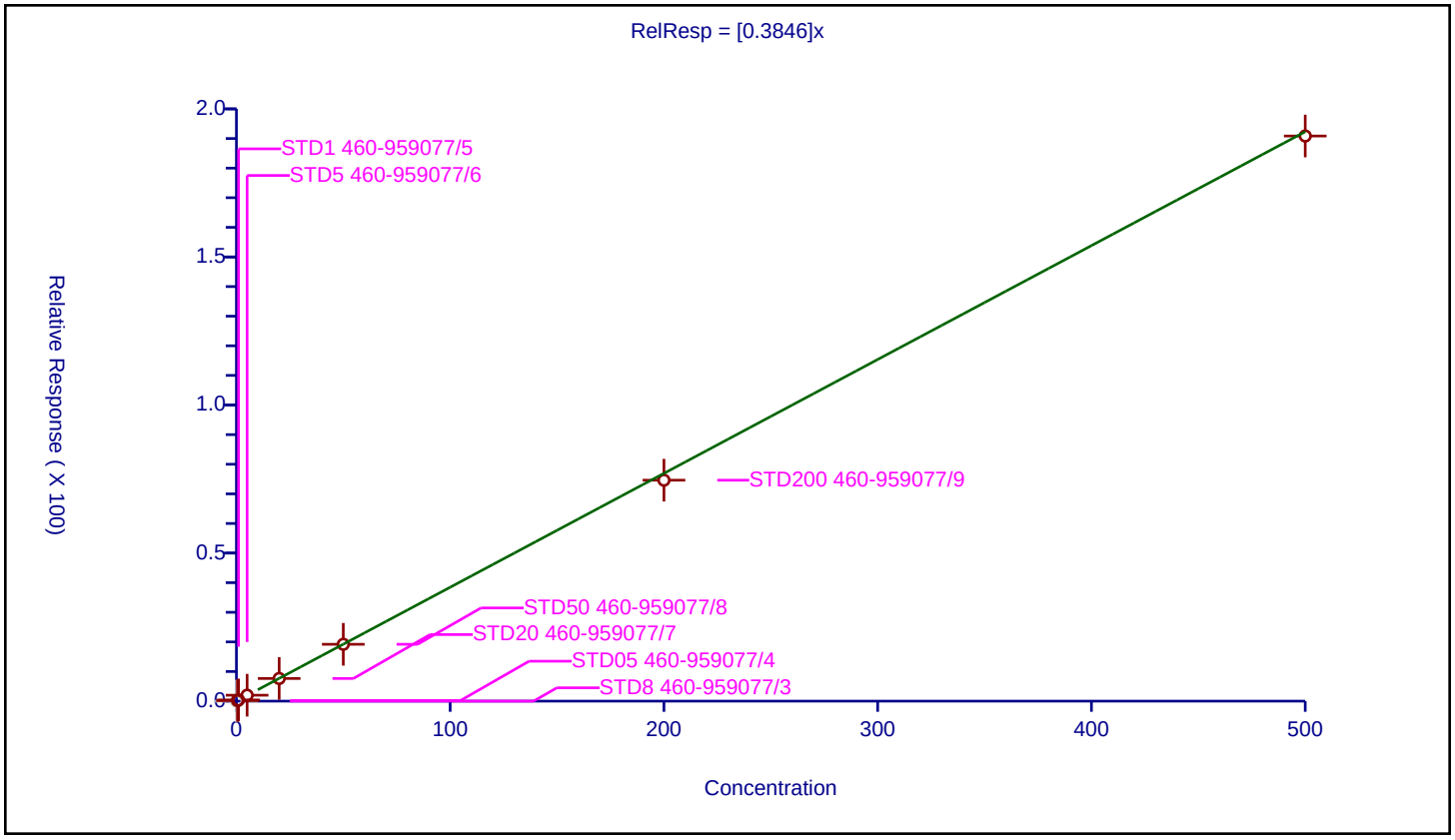
Curve Coefficients

Intercept:	0
Slope:	0.3846

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.187751	50.0	572301.0	0.375502	Y
3	STD1 460-959077/5	1.0	0.395932	50.0	554640.0	0.395932	Y
4	STD5 460-959077/6	5.0	1.997685	50.0	554592.0	0.399537	Y
5	STD20 460-959077/7	20.0	7.647878	50.0	561646.0	0.382394	Y
6	STD50 460-959077/8	50.0	19.19668	50.0	574292.0	0.383934	Y
7	STD200 460-959077/9	200.0	74.613459	50.0	585255.0	0.373067	Y
8	STD500 460-959077/10	500.0	190.846979	50.0	611432.0	0.381694	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

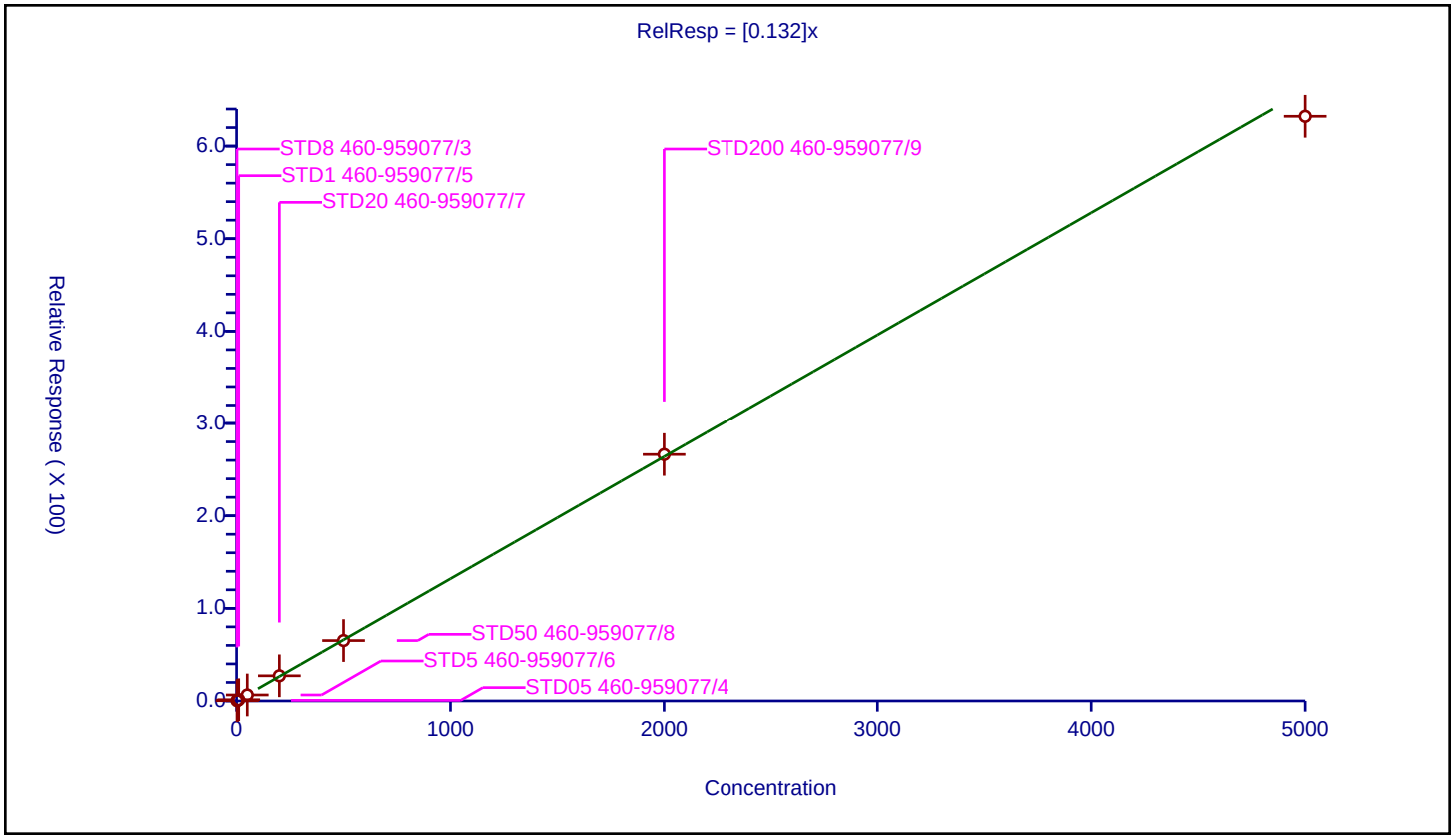
Curve Coefficients

Intercept:	0
Slope:	0.132

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	2.0	0.275041	50.0	574097.0	0.13752	Y
2	STD05 460-959077/4	5.0	0.655337	50.0	572301.0	0.131067	Y
3	STD1 460-959077/5	10.0	1.321488	50.0	554640.0	0.132149	Y
4	STD5 460-959077/6	50.0	6.471424	50.0	554592.0	0.129428	Y
5	STD20 460-959077/7	200.0	27.158121	50.0	561646.0	0.135791	Y
6	STD50 460-959077/8	500.0	65.21752	50.0	574292.0	0.130435	Y
7	STD200 460-959077/9	2000.0	266.352103	50.0	585255.0	0.133176	Y
8	STD500 460-959077/10	5000.0	632.167518	50.0	611432.0	0.126434	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

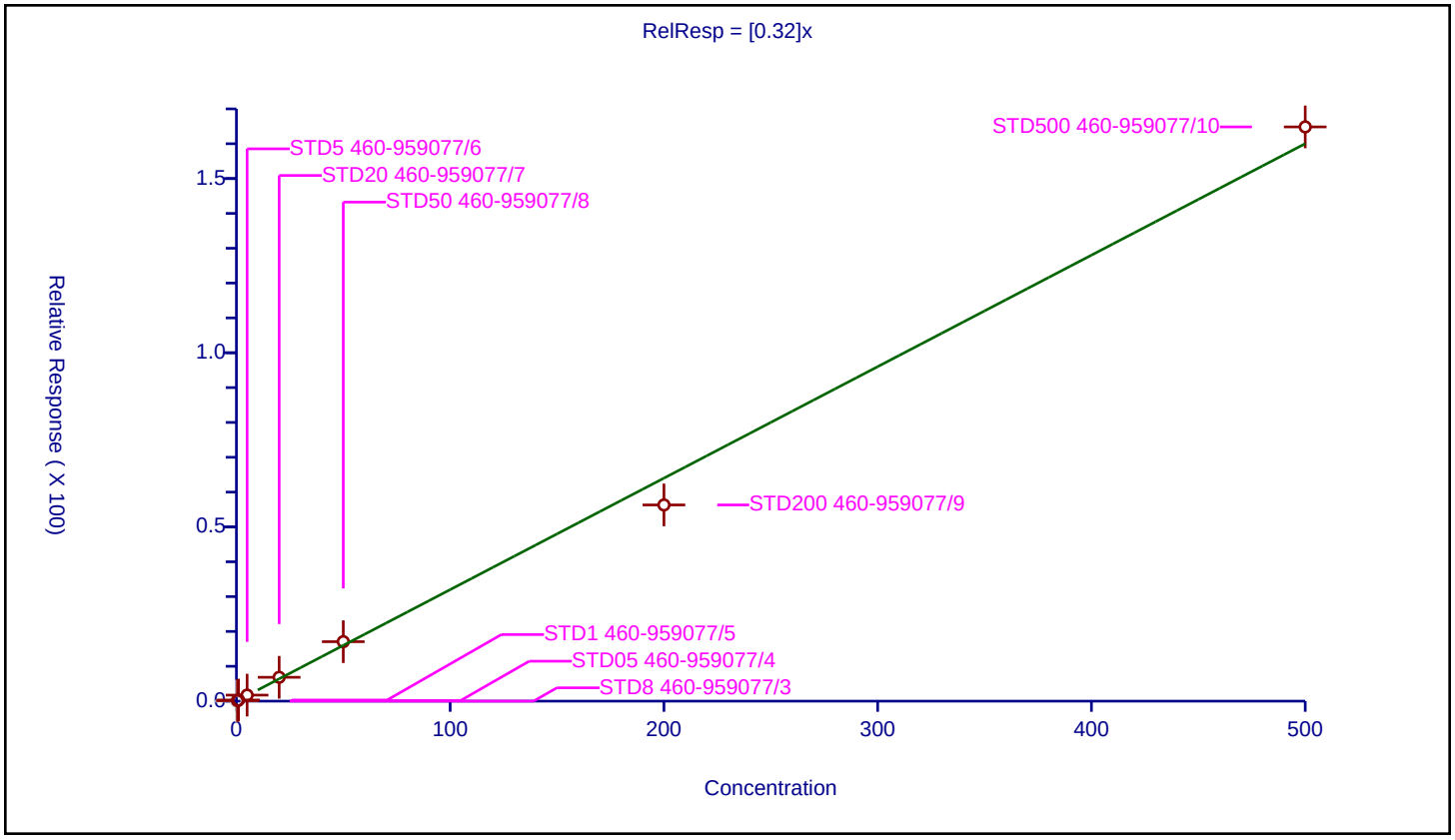
Curve Coefficients

Intercept:	0
Slope:	0.32

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.142145	50.0	572301.0	0.284291	Y
3	STD1 460-959077/5	1.0	0.314348	50.0	554640.0	0.314348	Y
4	STD5 460-959077/6	5.0	1.733527	50.0	554592.0	0.346705	Y
5	STD20 460-959077/7	20.0	6.845059	50.0	561646.0	0.342253	Y
6	STD50 460-959077/8	50.0	17.070758	50.0	574292.0	0.341415	Y
7	STD200 460-959077/9	200.0	56.319724	50.0	585255.0	0.281599	Y
8	STD500 460-959077/10	500.0	164.824134	50.0	611432.0	0.329648	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

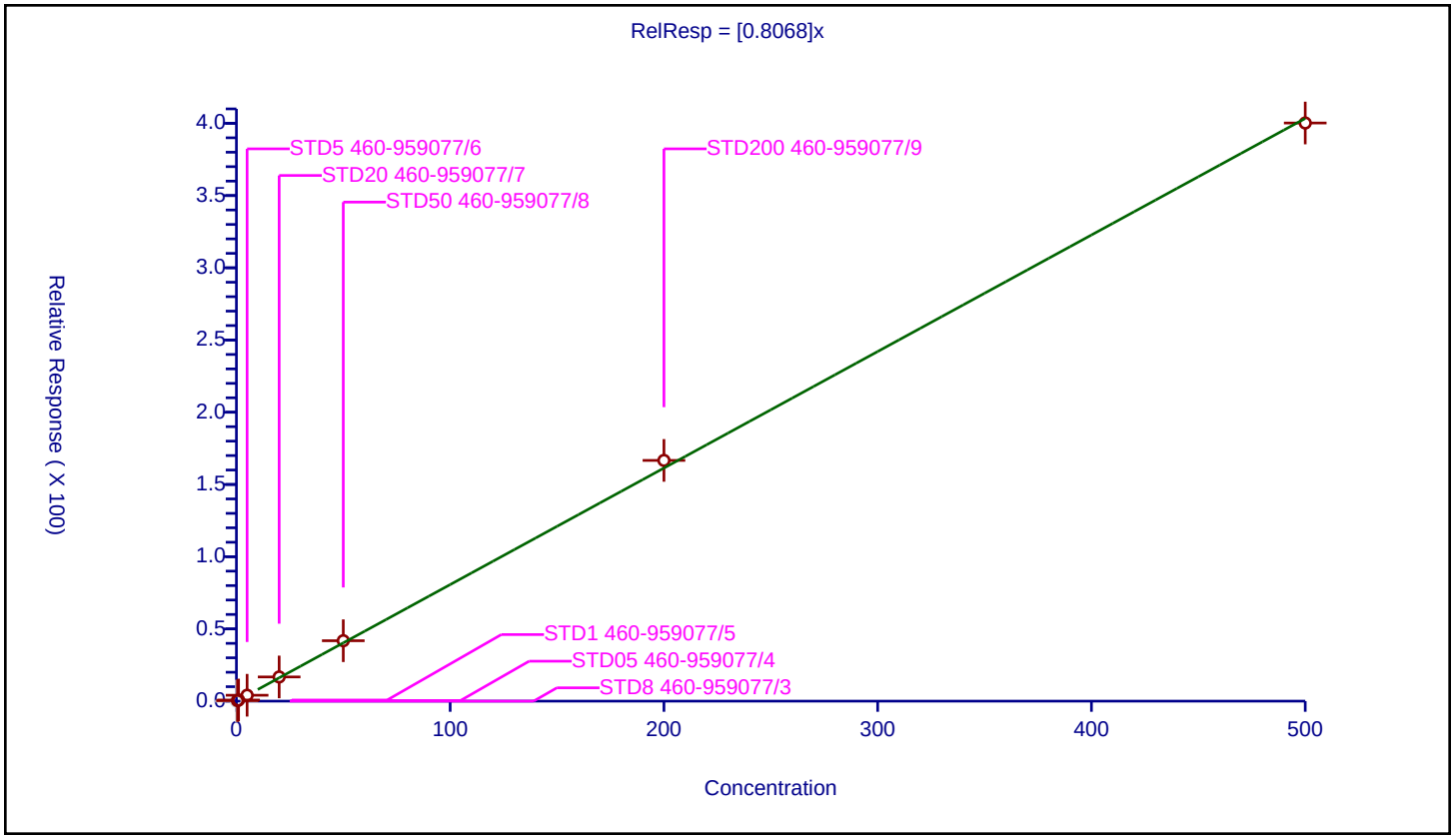
Curve Coefficients

Intercept:	0
Slope:	0.8068

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.377773	50.0	572301.0	0.755546	Y
3	STD1 460-959077/5	1.0	0.769238	50.0	554640.0	0.769238	Y
4	STD5 460-959077/6	5.0	4.075428	50.0	554592.0	0.815086	Y
5	STD20 460-959077/7	20.0	16.747026	50.0	561646.0	0.837351	Y
6	STD50 460-959077/8	50.0	41.825239	50.0	574292.0	0.836505	Y
7	STD200 460-959077/9	200.0	166.644881	50.0	585255.0	0.833224	Y
8	STD500 460-959077/10	500.0	400.222265	50.0	611432.0	0.800445	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

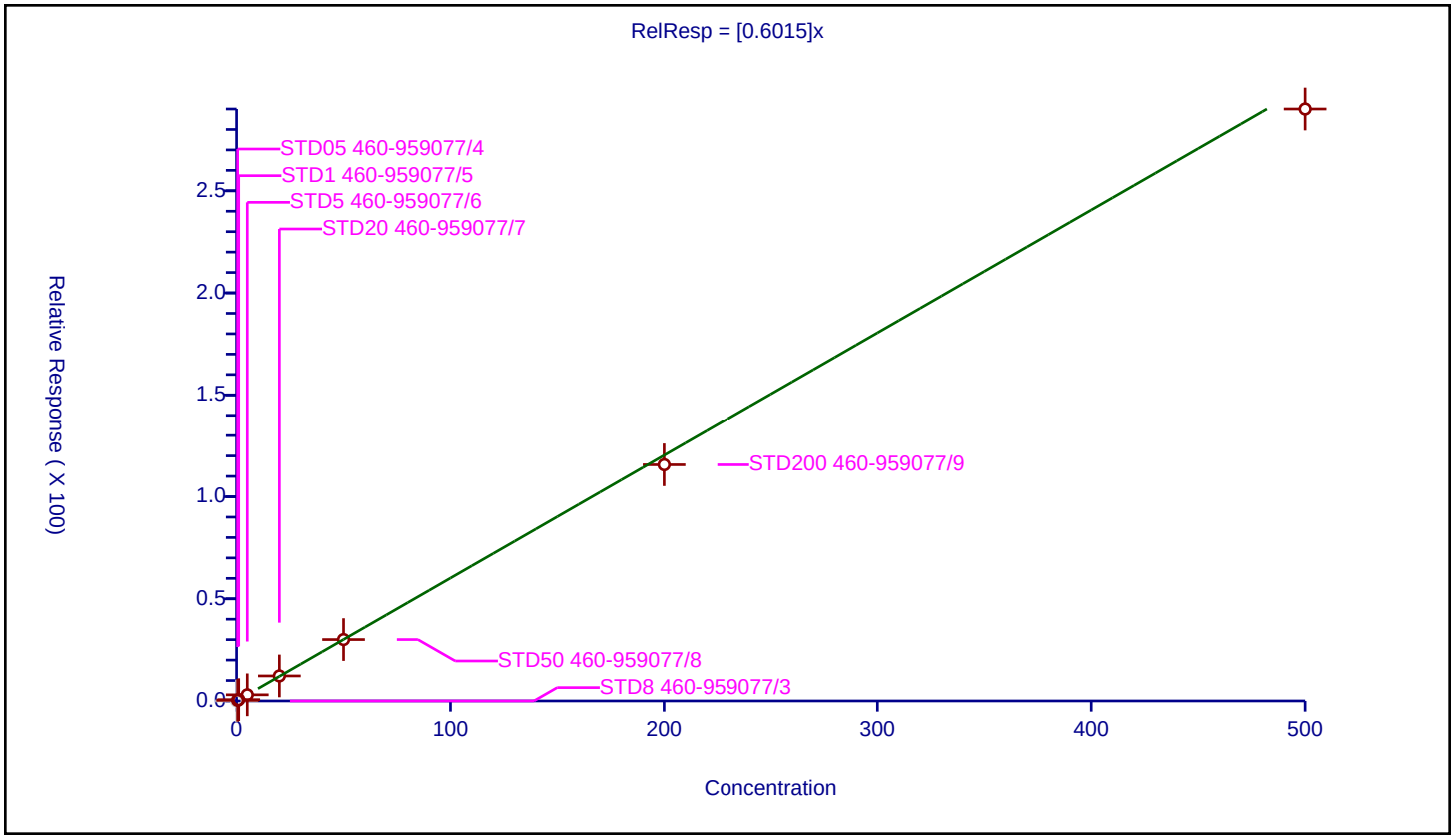
Curve Coefficients

Intercept:	0
Slope:	0.6015

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.304473	50.0	572301.0	0.608945	Y
3	STD1 460-959077/5	1.0	0.628606	50.0	554640.0	0.628606	Y
4	STD5 460-959077/6	5.0	3.009059	50.0	554592.0	0.601812	Y
5	STD20 460-959077/7	20.0	12.236266	50.0	561646.0	0.611813	Y
6	STD50 460-959077/8	50.0	30.045343	50.0	574292.0	0.600907	Y
7	STD200 460-959077/9	200.0	115.672057	50.0	585255.0	0.57836	Y
8	STD500 460-959077/10	500.0	289.995372	50.0	611432.0	0.579991	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

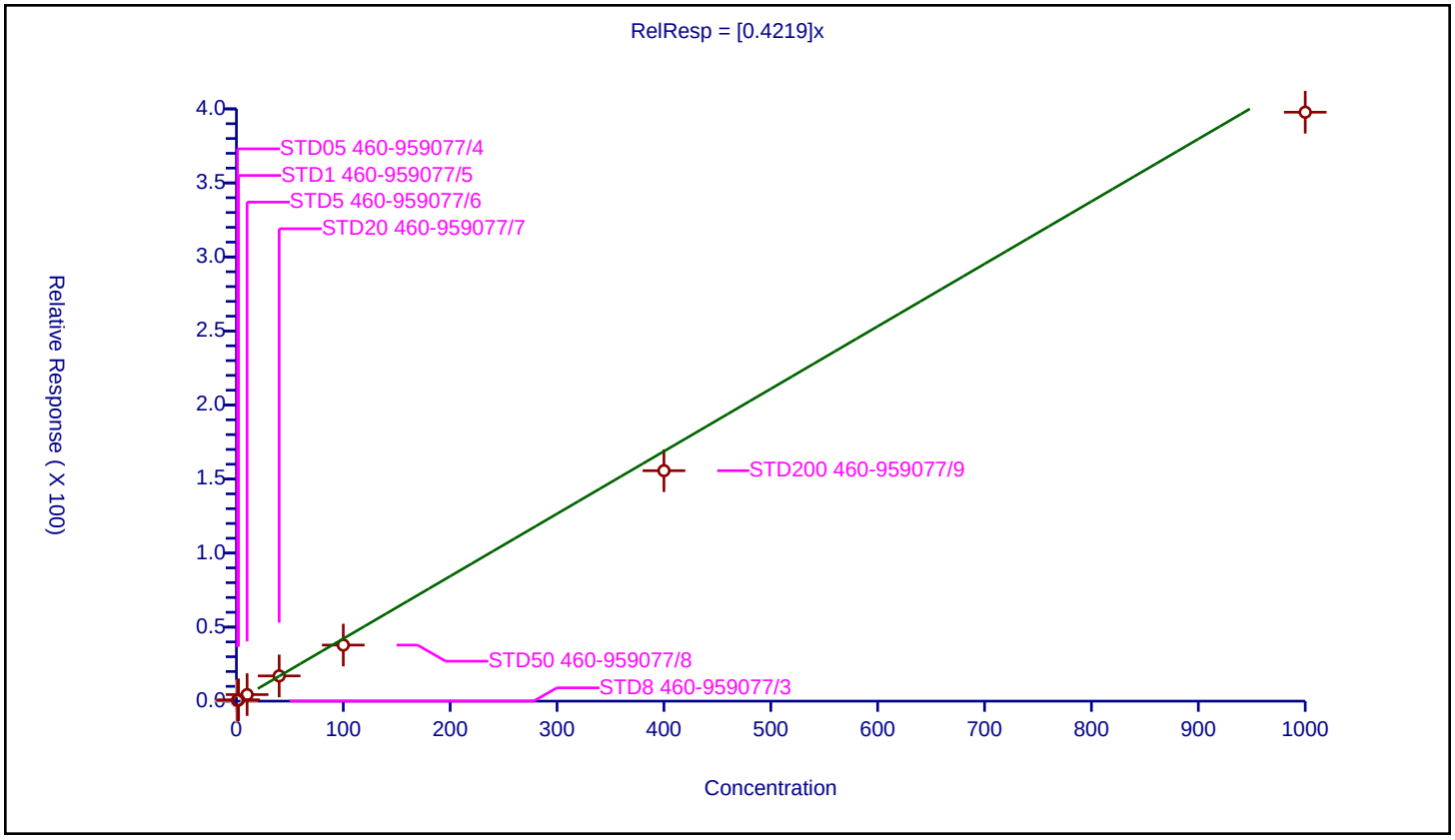
Curve Coefficients

Intercept:	0
Slope:	0.4219

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	1.0	0.47698	250.0	343830.0	0.47698	Y
3	STD1 460-959077/5	2.0	0.885333	250.0	338573.0	0.442667	Y
4	STD5 460-959077/6	10.0	4.419728	250.0	335937.0	0.441973	Y
5	STD20 460-959077/7	40.0	17.035124	250.0	360784.0	0.425878	Y
6	STD50 460-959077/8	100.0	37.868564	250.0	351974.0	0.378686	Y
7	STD200 460-959077/9	400.0	155.63966	250.0	366343.0	0.389099	Y
8	STD500 460-959077/10	1000.0	397.755446	250.0	348488.0	0.397755	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

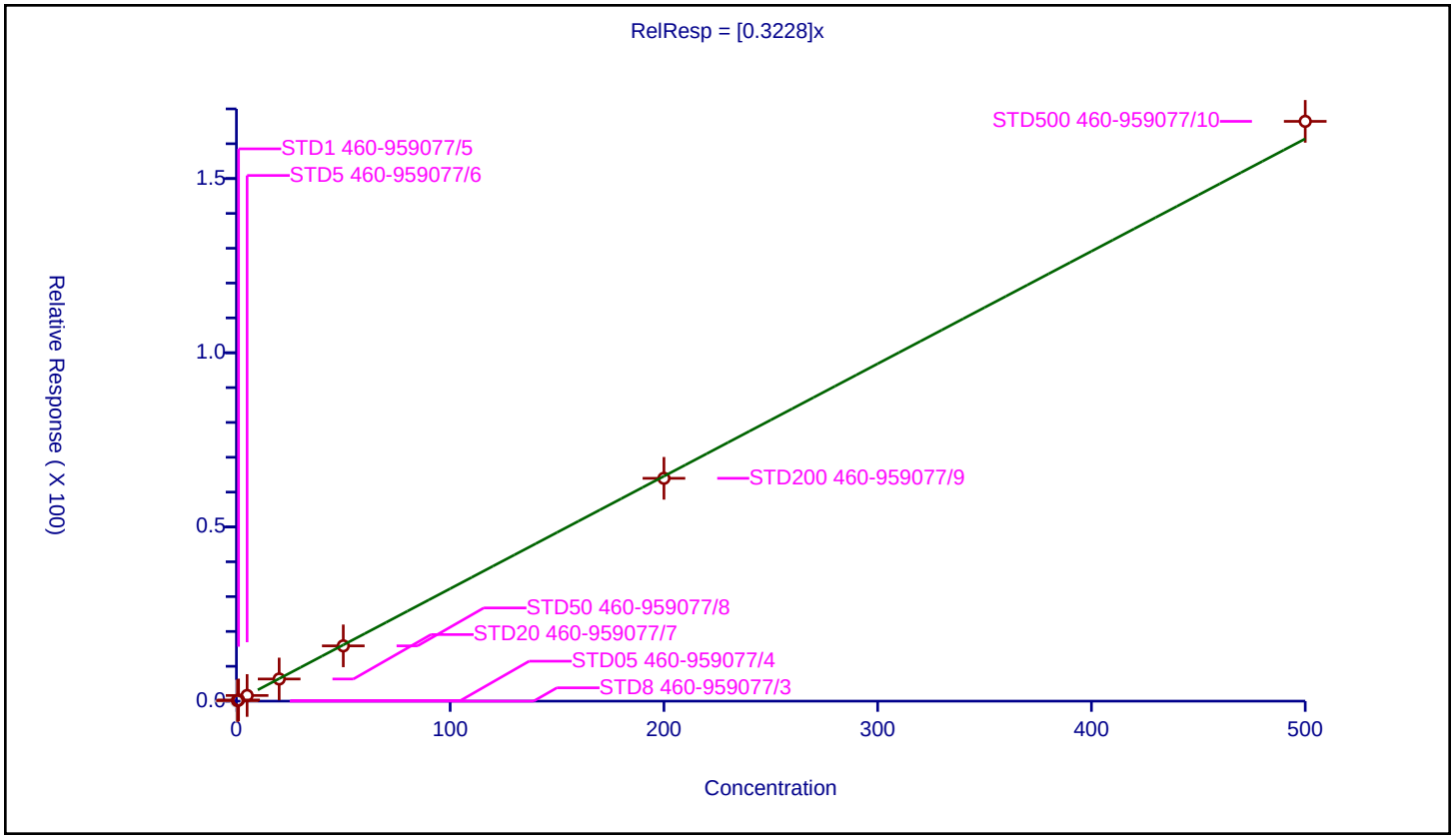
Curve Coefficients

Intercept:	0
Slope:	0.3228

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.156648	50.0	572301.0	0.313297	Y
3	STD1 460-959077/5	1.0	0.33355	50.0	554640.0	0.33355	Y
4	STD5 460-959077/6	5.0	1.625339	50.0	554592.0	0.325068	Y
5	STD20 460-959077/7	20.0	6.358721	50.0	561646.0	0.317936	Y
6	STD50 460-959077/8	50.0	15.864665	50.0	574292.0	0.317293	Y
7	STD200 460-959077/9	200.0	63.961008	50.0	585255.0	0.319805	Y
8	STD500 460-959077/10	500.0	166.422268	50.0	611432.0	0.332845	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

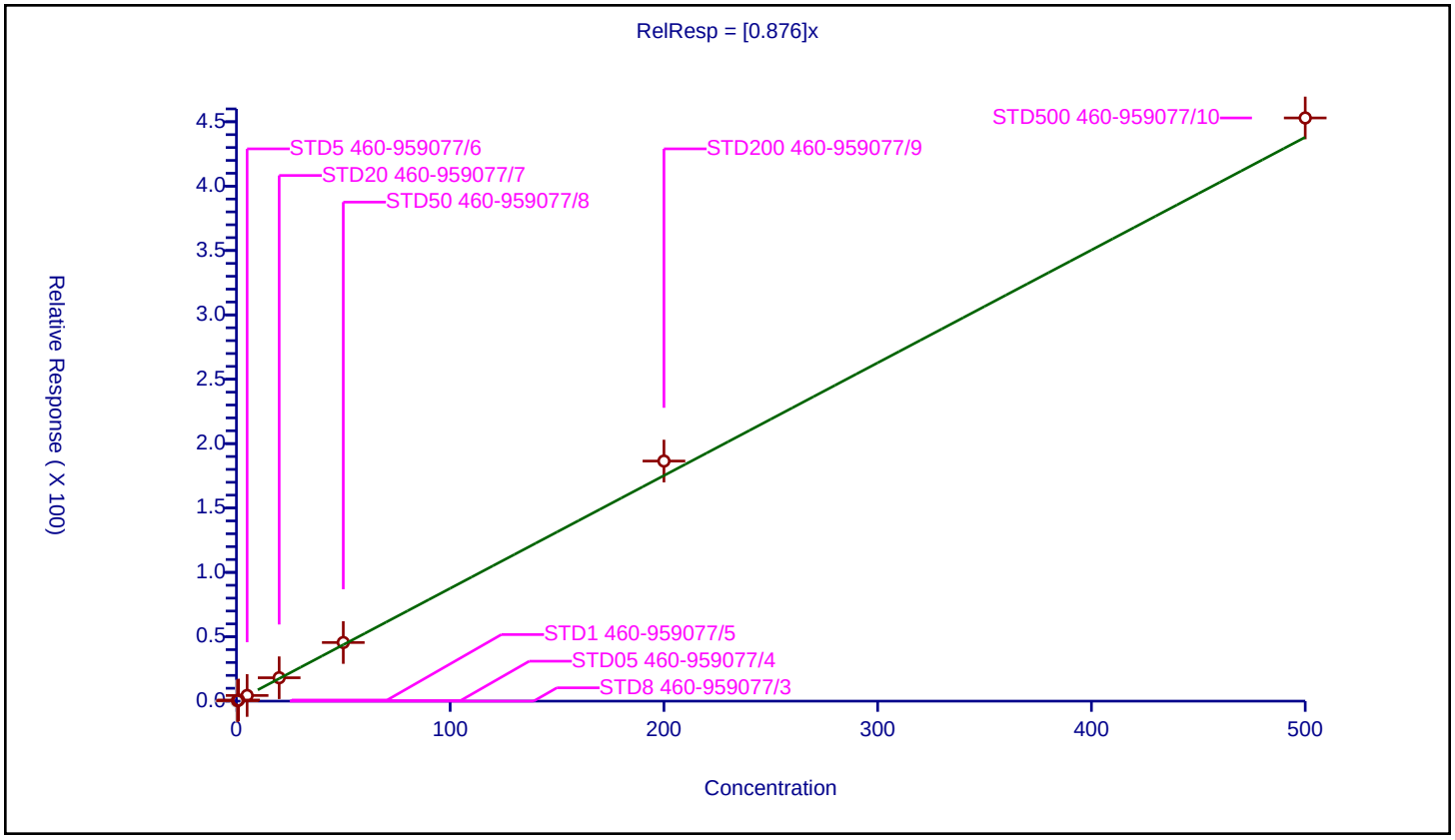
Curve Coefficients

Intercept:	0
Slope:	0.876

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.370434	50.0	572301.0	0.740869	Y
3	STD1 460-959077/5	1.0	0.853166	50.0	554640.0	0.853166	Y
4	STD5 460-959077/6	5.0	4.400532	50.0	554592.0	0.880106	Y
5	STD20 460-959077/7	20.0	18.168473	50.0	561646.0	0.908424	Y
6	STD50 460-959077/8	50.0	45.545559	50.0	574292.0	0.910911	Y
7	STD200 460-959077/9	200.0	186.483926	50.0	585255.0	0.93242	Y
8	STD500 460-959077/10	500.0	452.975883	50.0	611432.0	0.905952	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

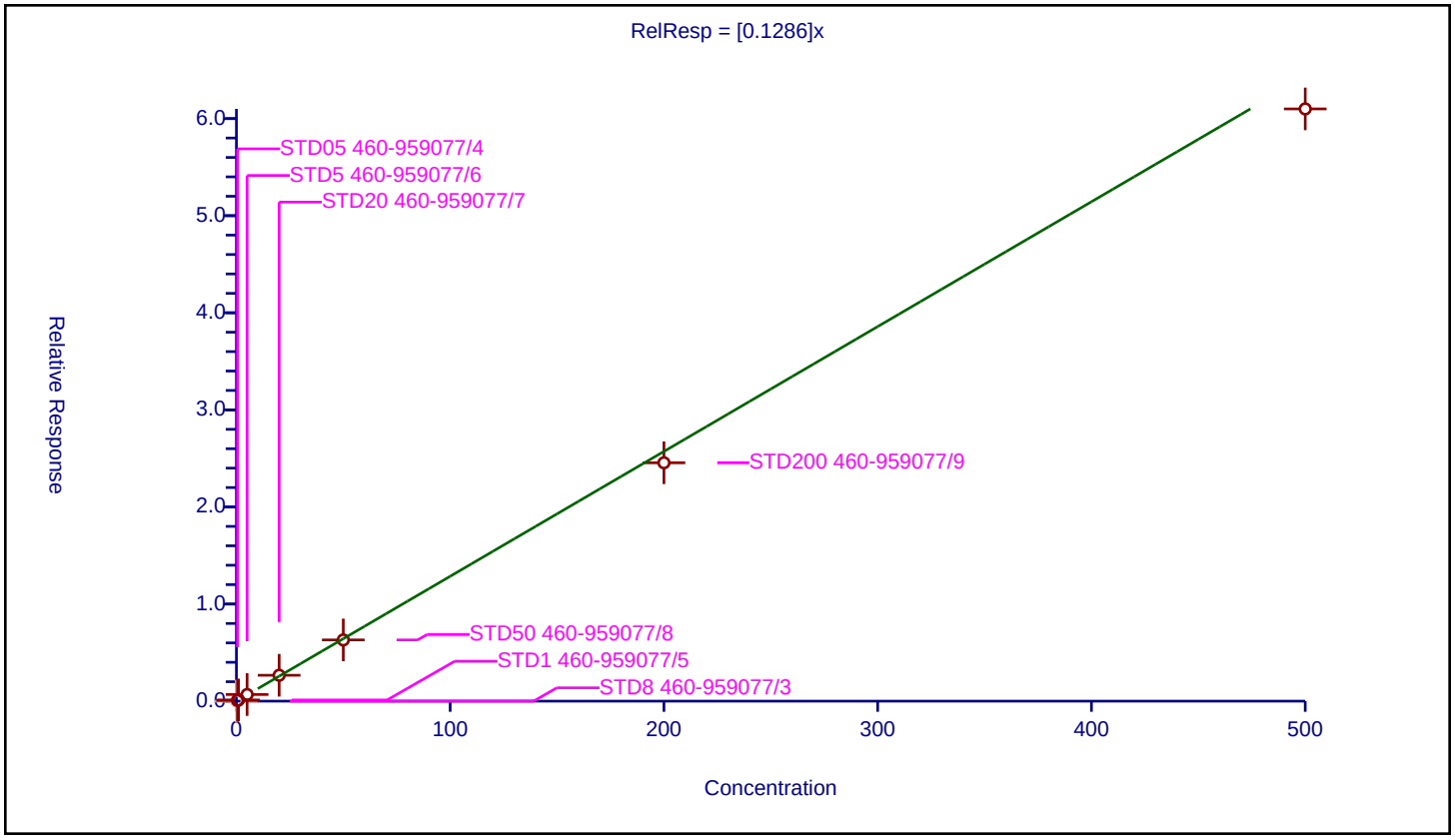
Curve Coefficients

Intercept:	0
Slope:	0.1286

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.06867	50.0	572301.0	0.13734	Y
3	STD1 460-959077/5	1.0	0.122332	50.0	554640.0	0.122332	Y
4	STD5 460-959077/6	5.0	0.682033	50.0	554592.0	0.136407	Y
5	STD20 460-959077/7	20.0	2.665113	50.0	561646.0	0.133256	Y
6	STD50 460-959077/8	50.0	6.304197	50.0	574292.0	0.126084	Y
7	STD200 460-959077/9	200.0	24.550324	50.0	585255.0	0.122752	Y
8	STD500 460-959077/10	500.0	60.998525	50.0	611432.0	0.121997	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

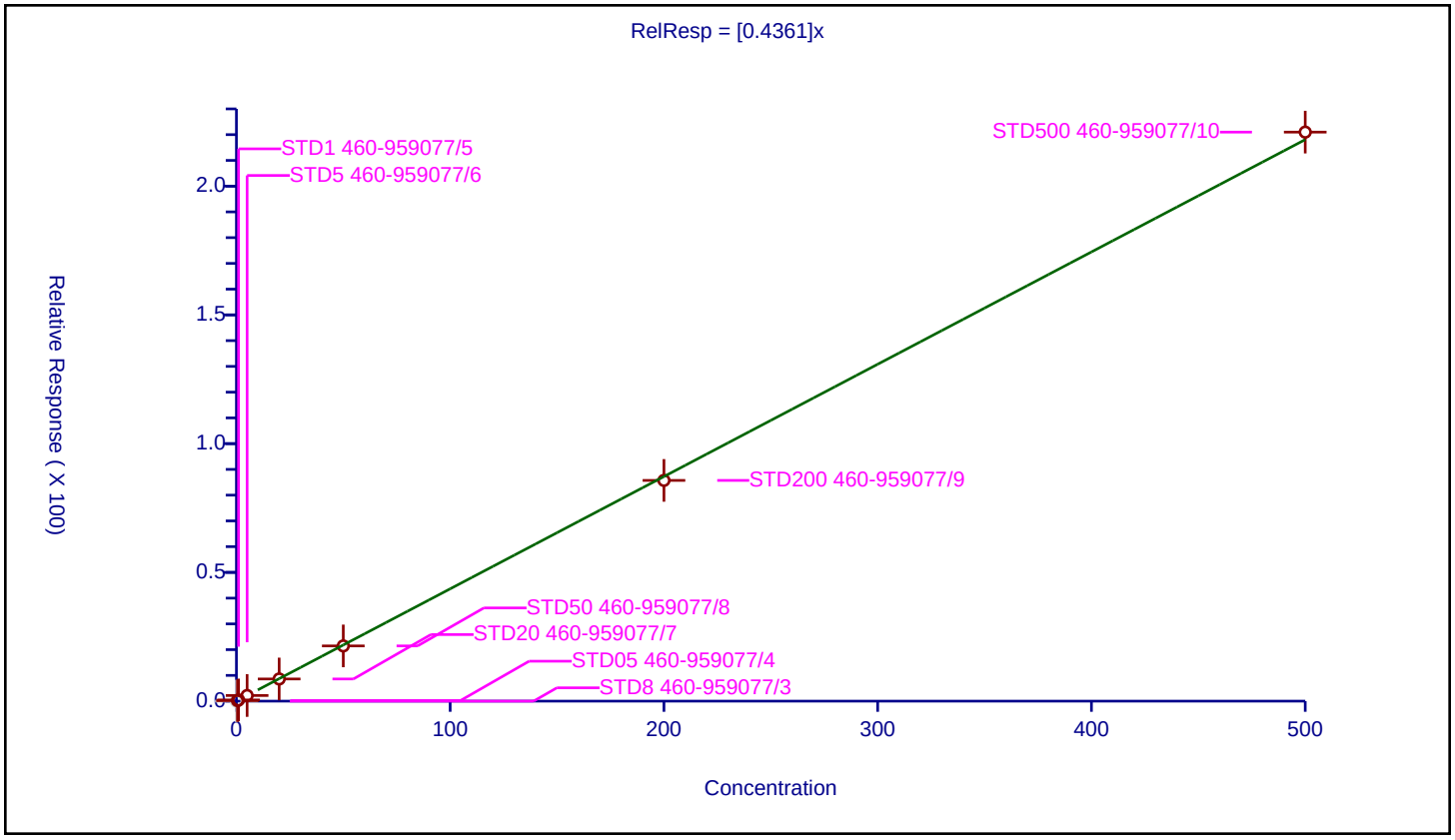
Curve Coefficients

Intercept:	0
Slope:	0.4361

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.212126	50.0	572301.0	0.424252	Y
3	STD1 460-959077/5	1.0	0.460839	50.0	554640.0	0.460839	Y
4	STD5 460-959077/6	5.0	2.187825	50.0	554592.0	0.437565	Y
5	STD20 460-959077/7	20.0	8.614946	50.0	561646.0	0.430747	Y
6	STD50 460-959077/8	50.0	21.442315	50.0	574292.0	0.428846	Y
7	STD200 460-959077/9	200.0	85.725282	50.0	585255.0	0.428626	Y
8	STD500 460-959077/10	500.0	220.978048	50.0	611432.0	0.441956	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

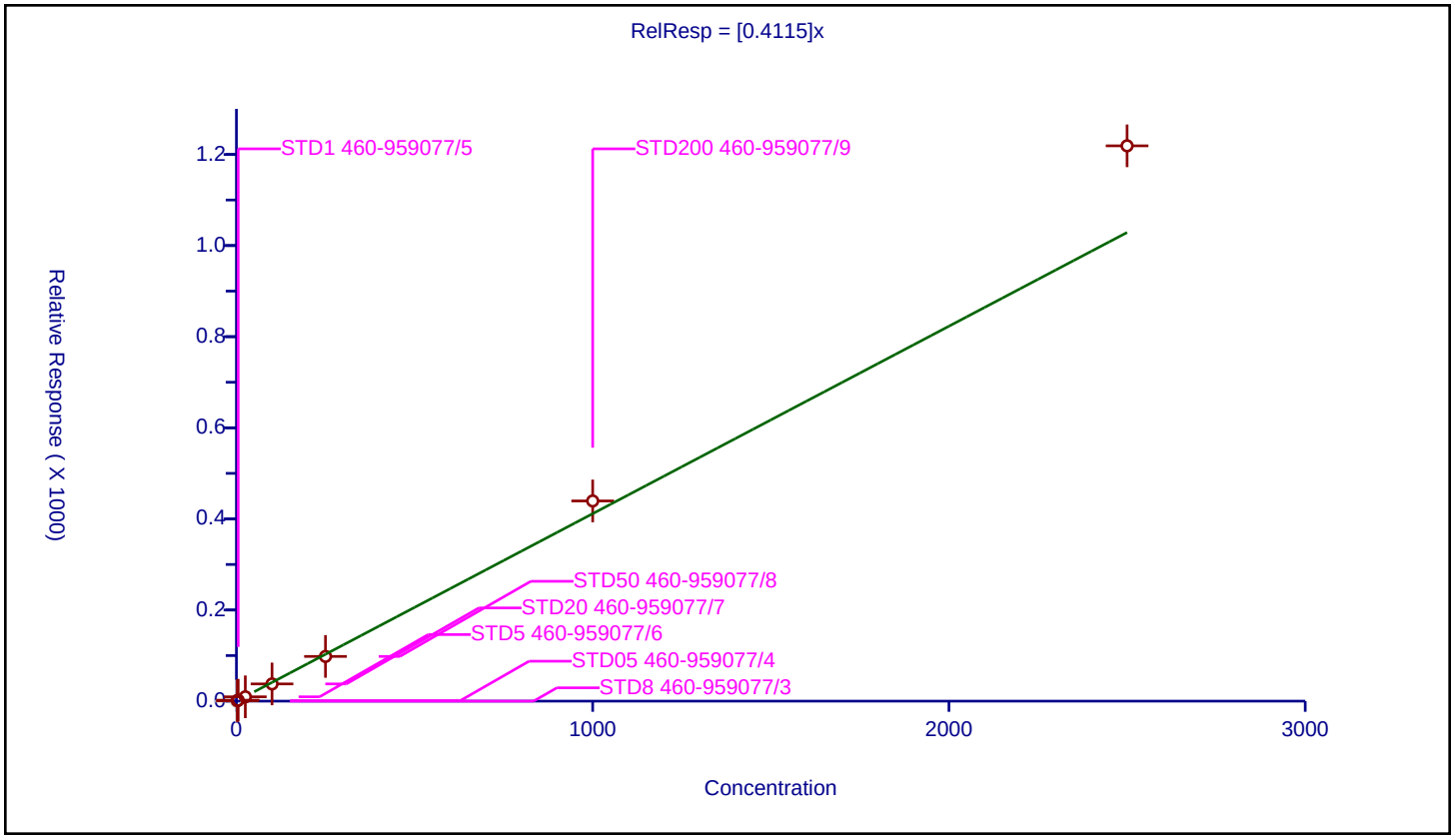
Curve Coefficients

Intercept:	0
Slope:	0.4115

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	0.970683	250.0	343830.0	0.388273	Y
3	STD1 460-959077/5	5.0	2.077838	250.0	338573.0	0.415568	Y
4	STD5 460-959077/6	25.0	9.477223	250.0	335937.0	0.379089	Y
5	STD20 460-959077/7	100.0	37.805169	250.0	360784.0	0.378052	Y
6	STD50 460-959077/8	250.0	98.141482	250.0	351974.0	0.392566	Y
7	STD200 460-959077/9	1000.0	439.419478	250.0	366343.0	0.439419	Y
8	STD500 460-959077/10	2500.0	1218.893477	250.0	348488.0	0.487557	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

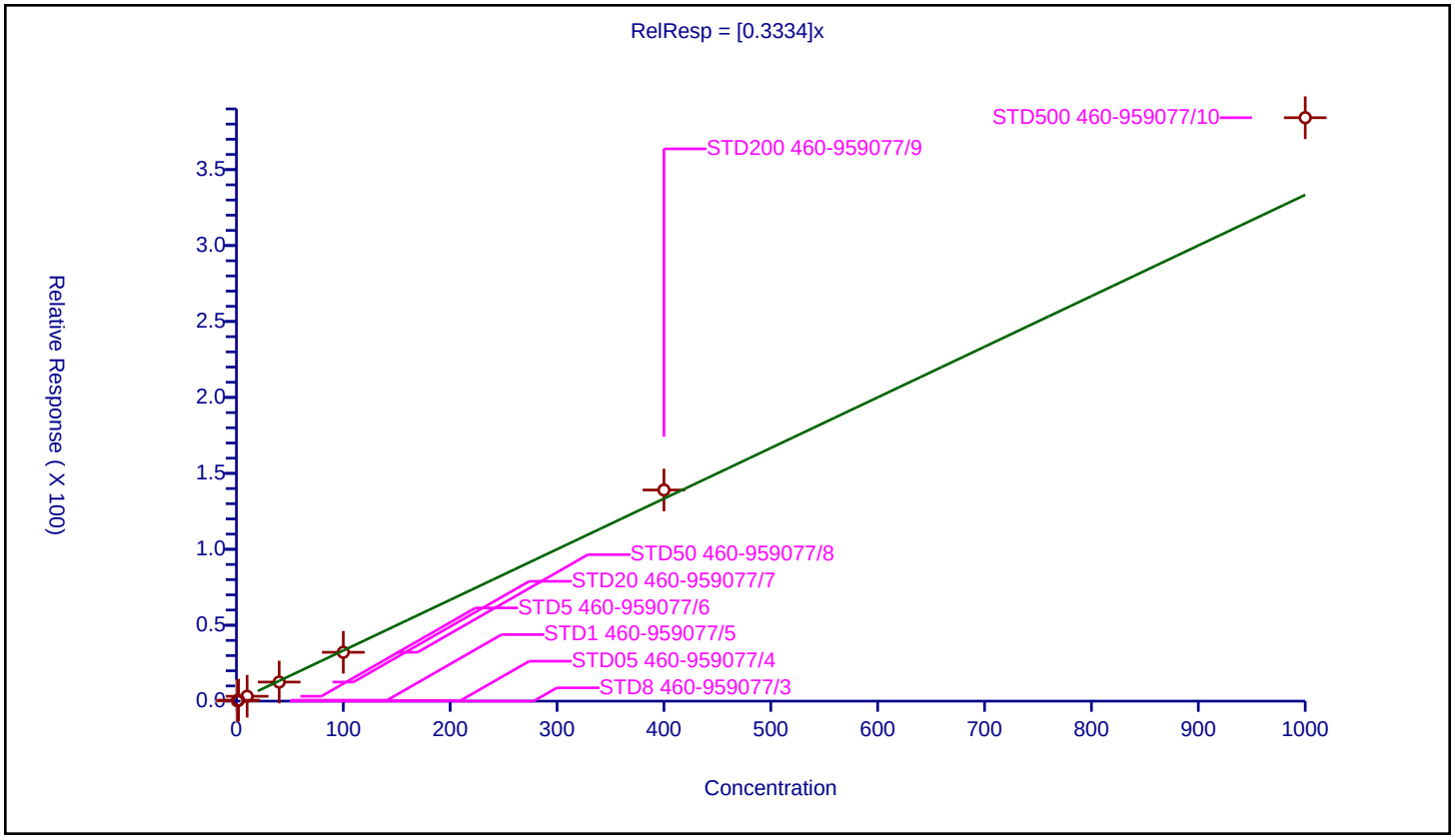
Curve Coefficients

Intercept:	0
Slope:	0.3334

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	1.0	0.325015	250.0	343830.0	0.325015	Y
3	STD1 460-959077/5	2.0	0.639449	250.0	338573.0	0.319724	Y
4	STD5 460-959077/6	10.0	3.2134	250.0	335937.0	0.32134	Y
5	STD20 460-959077/7	40.0	12.559454	250.0	360784.0	0.313986	Y
6	STD50 460-959077/8	100.0	32.177803	250.0	351974.0	0.321778	Y
7	STD200 460-959077/9	400.0	139.045239	250.0	366343.0	0.347613	Y
8	STD500 460-959077/10	1000.0	384.202612	250.0	348488.0	0.384203	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

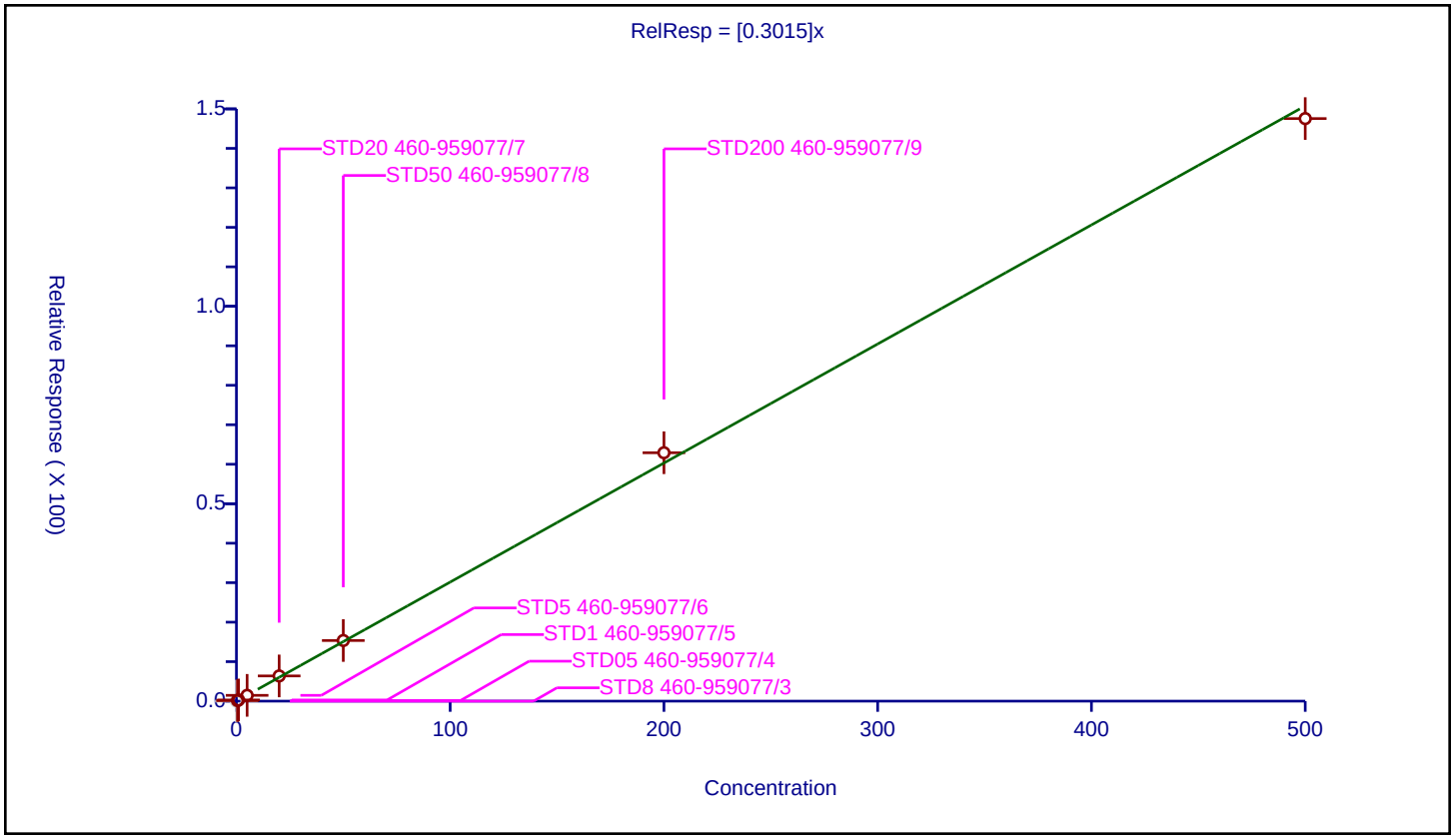
Curve Coefficients

Intercept:	0
Slope:	0.3015

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.142495	50.0	572301.0	0.28499	Y
3	STD1 460-959077/5	1.0	0.296408	50.0	554640.0	0.296408	Y
4	STD5 460-959077/6	5.0	1.465221	50.0	554592.0	0.293044	Y
5	STD20 460-959077/7	20.0	6.387742	50.0	561646.0	0.319387	Y
6	STD50 460-959077/8	50.0	15.357954	50.0	574292.0	0.307159	Y
7	STD200 460-959077/9	200.0	62.915396	50.0	585255.0	0.314577	Y
8	STD500 460-959077/10	500.0	147.547397	50.0	611432.0	0.295095	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

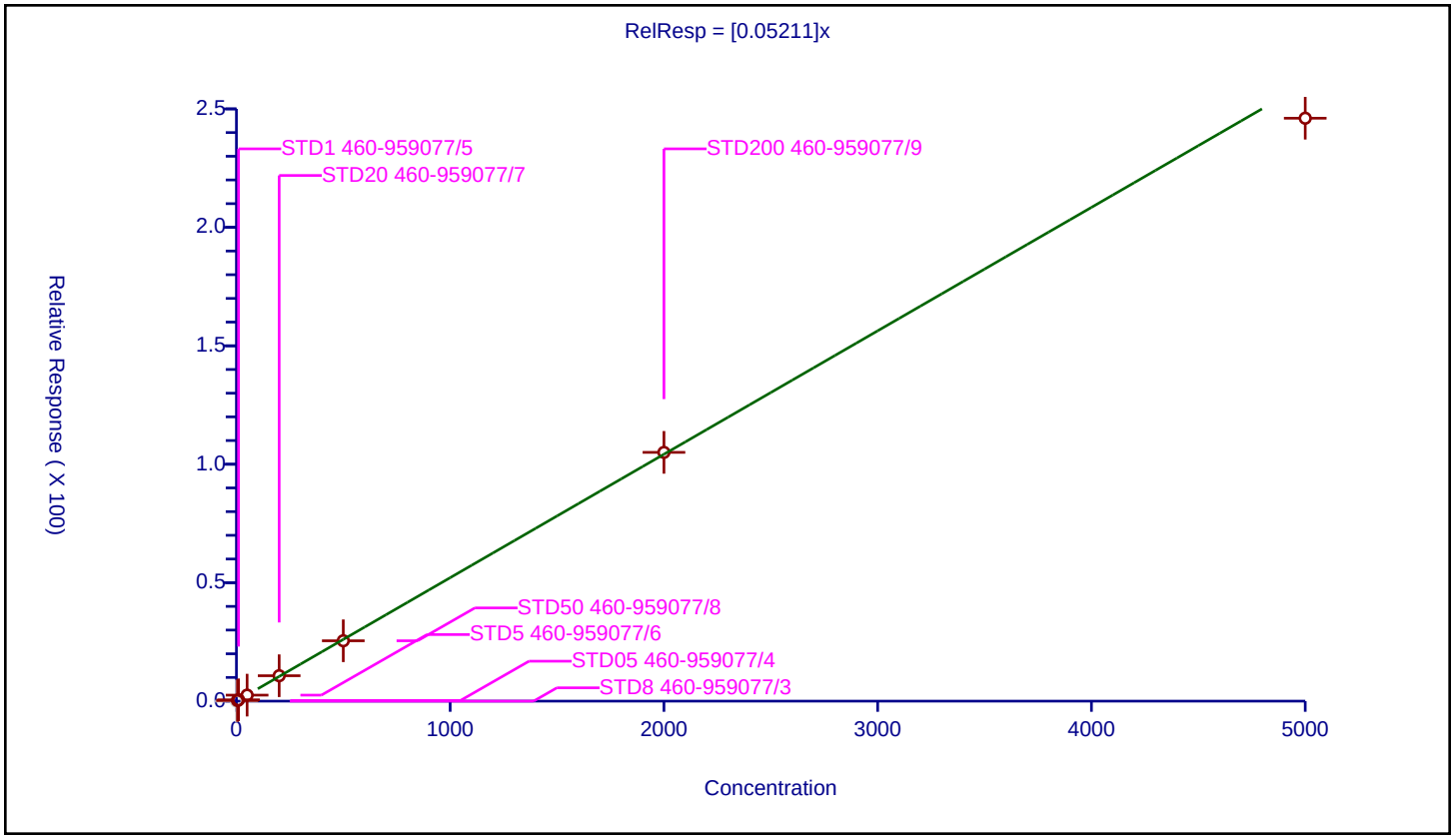
Curve Coefficients

Intercept:	0
Slope:	0.05211

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	5.0	0.260003	50.0	572301.0	0.052001	Y
3	STD1 460-959077/5	10.0	0.557929	50.0	554640.0	0.055793	Y
4	STD5 460-959077/6	50.0	2.532132	50.0	554592.0	0.050643	Y
5	STD20 460-959077/7	200.0	10.726864	50.0	561646.0	0.053634	Y
6	STD50 460-959077/8	500.0	25.482246	50.0	574292.0	0.050964	Y
7	STD200 460-959077/9	2000.0	105.007475	50.0	585255.0	0.052504	Y
8	STD500 460-959077/10	5000.0	246.062686	50.0	611432.0	0.049213	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

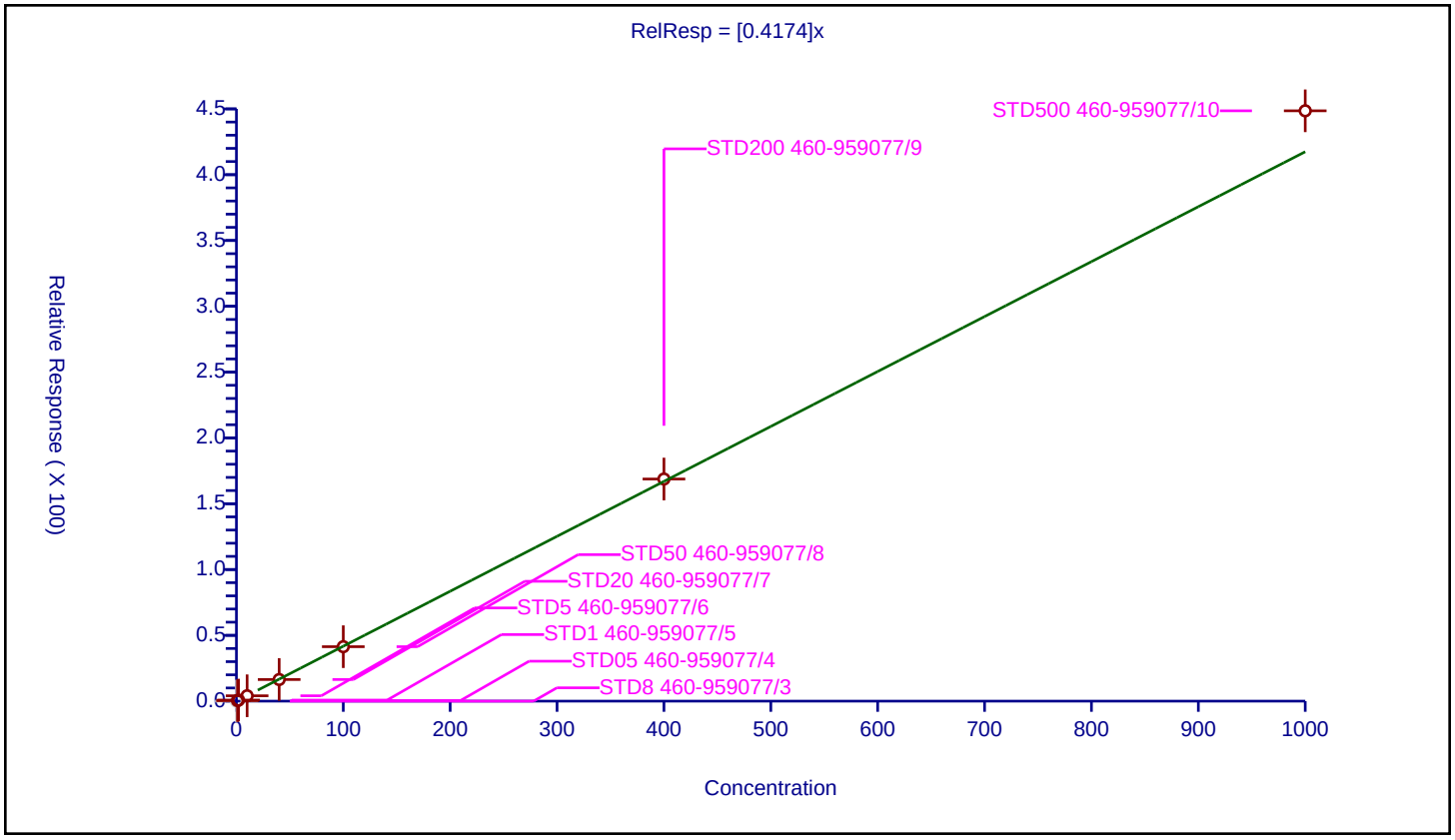
Curve Coefficients

Intercept:	0
Slope:	0.4174

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	1.0	0.41663	250.0	343830.0	0.41663	Y
3	STD1 460-959077/5	2.0	0.807064	250.0	338573.0	0.403532	Y
4	STD5 460-959077/6	10.0	4.06996	250.0	335937.0	0.406996	Y
5	STD20 460-959077/7	40.0	16.430191	250.0	360784.0	0.410755	Y
6	STD50 460-959077/8	100.0	41.365271	250.0	351974.0	0.413653	Y
7	STD200 460-959077/9	400.0	168.767385	250.0	366343.0	0.421918	Y
8	STD500 460-959077/10	1000.0	448.537683	250.0	348488.0	0.448538	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

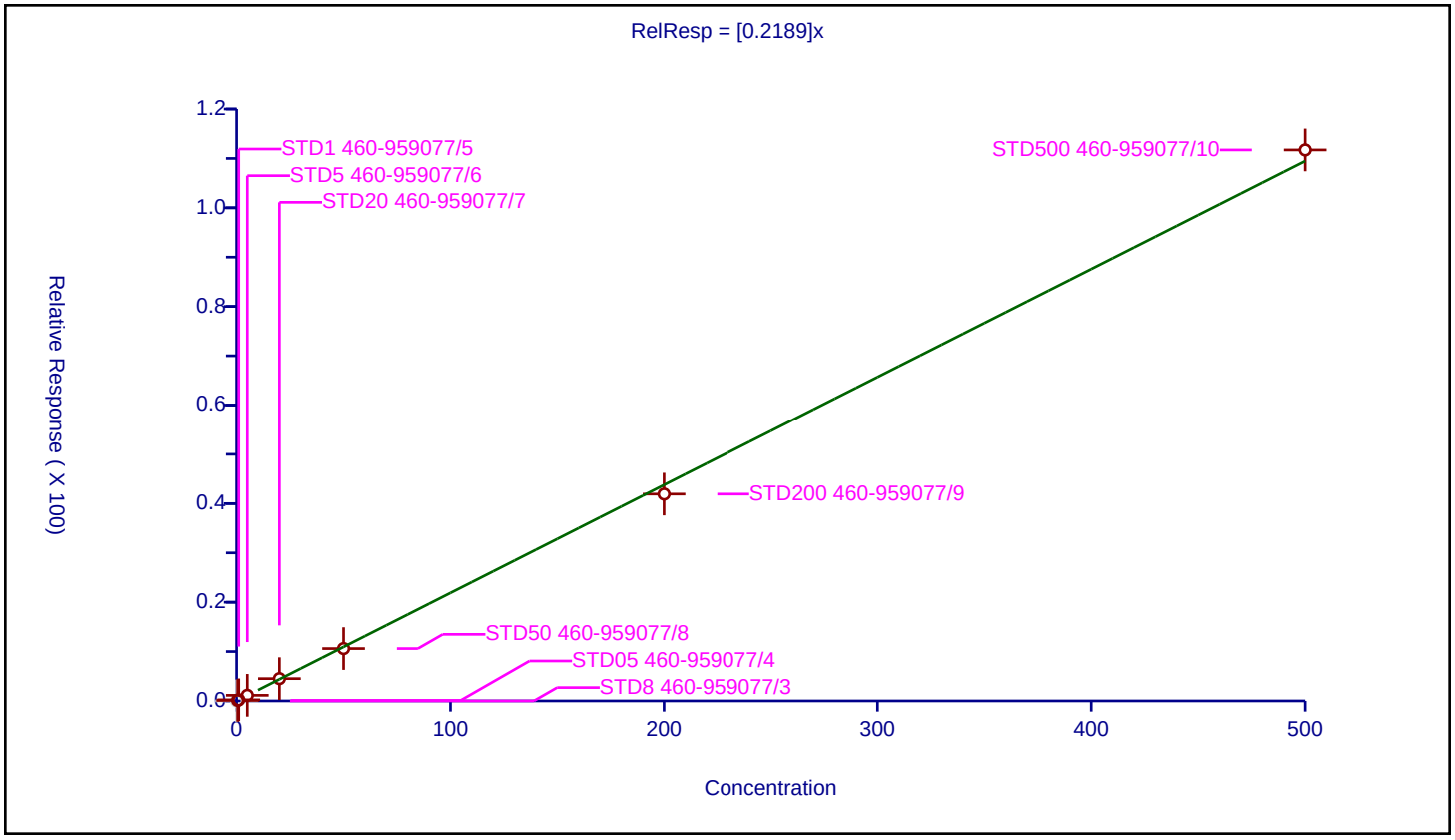
Curve Coefficients

Intercept:	0
Slope:	0.2189

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.104753	50.0	572301.0	0.209505	Y
3	STD1 460-959077/5	1.0	0.225191	50.0	554640.0	0.225191	Y
4	STD5 460-959077/6	5.0	1.135519	50.0	554592.0	0.227104	Y
5	STD20 460-959077/7	20.0	4.512273	50.0	561646.0	0.225614	Y
6	STD50 460-959077/8	50.0	10.606016	50.0	574292.0	0.21212	Y
7	STD200 460-959077/9	200.0	41.929415	50.0	585255.0	0.209647	Y
8	STD500 460-959077/10	500.0	111.722236	50.0	611432.0	0.223444	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

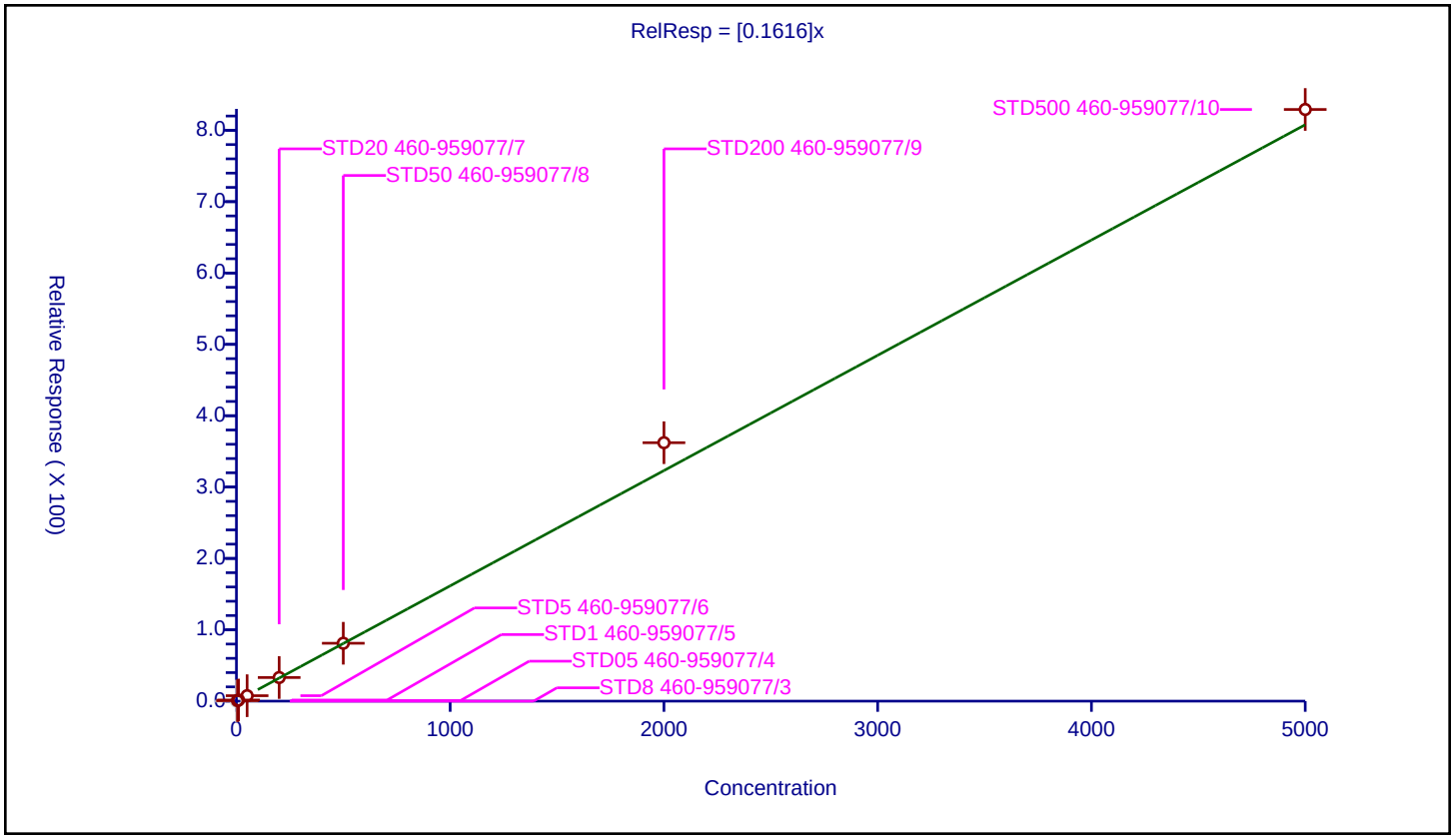
Curve Coefficients

Intercept:	0
Slope:	0.1616

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	5.0	0.744975	50.0	572301.0	0.148995	Y
3	STD1 460-959077/5	10.0	1.546499	50.0	554640.0	0.15465	Y
4	STD5 460-959077/6	50.0	7.632458	50.0	554592.0	0.152649	Y
5	STD20 460-959077/7	200.0	33.080001	50.0	561646.0	0.1654	Y
6	STD50 460-959077/8	500.0	81.135642	50.0	574292.0	0.162271	Y
7	STD200 460-959077/9	2000.0	362.177085	50.0	585255.0	0.181089	Y
8	STD500 460-959077/10	5000.0	829.195152	50.0	611432.0	0.165839	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

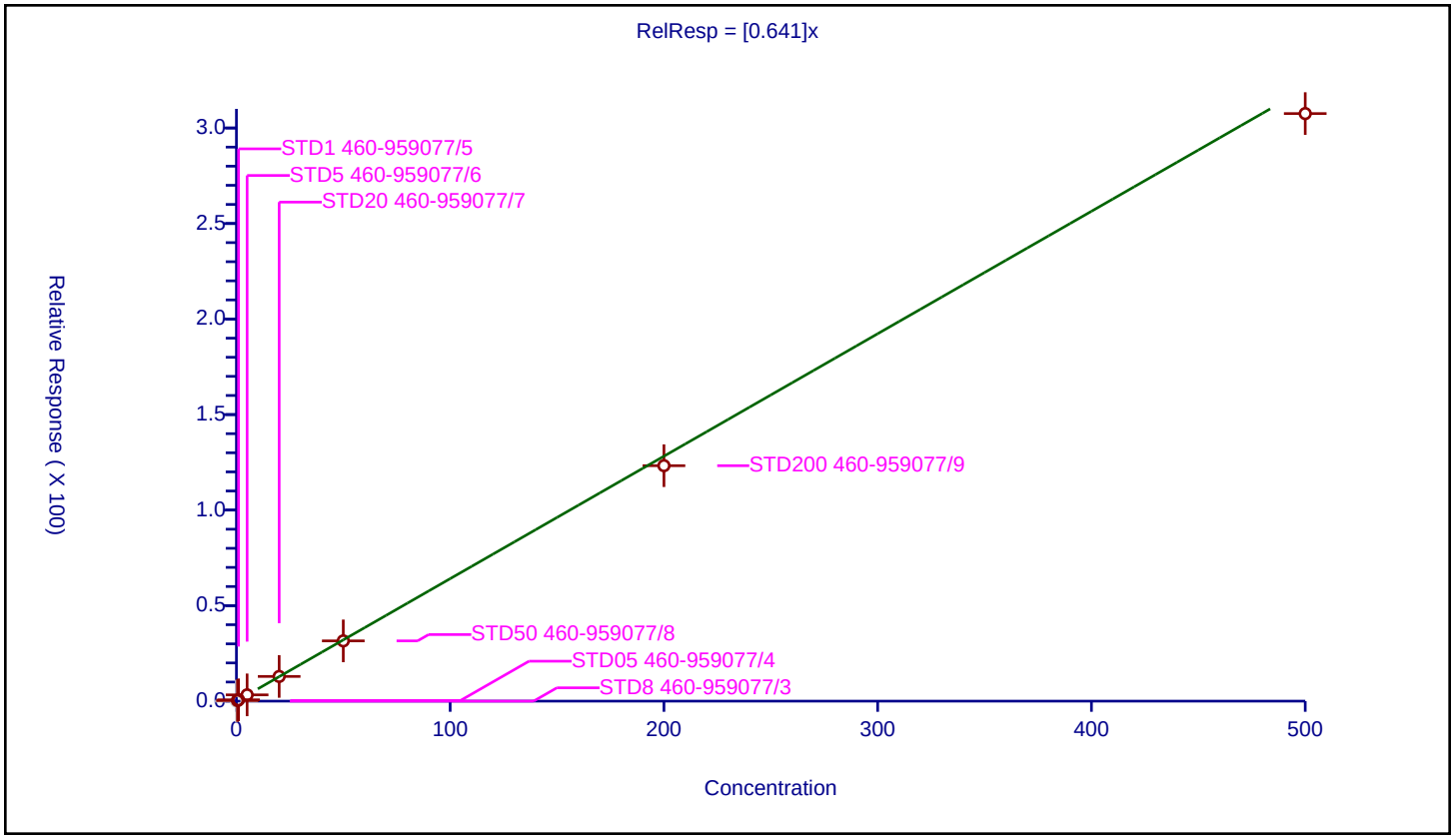
Curve Coefficients

Intercept:	0
Slope:	0.641

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.316529	50.0	572301.0	0.633058	Y
3	STD1 460-959077/5	1.0	0.690177	50.0	554640.0	0.690177	Y
4	STD5 460-959077/6	5.0	3.276823	50.0	554592.0	0.655365	Y
5	STD20 460-959077/7	20.0	12.928962	50.0	561646.0	0.646448	Y
6	STD50 460-959077/8	50.0	31.540836	50.0	574292.0	0.630817	Y
7	STD200 460-959077/9	200.0	123.243373	50.0	585255.0	0.616217	Y
8	STD500 460-959077/10	500.0	307.546301	50.0	611432.0	0.615093	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

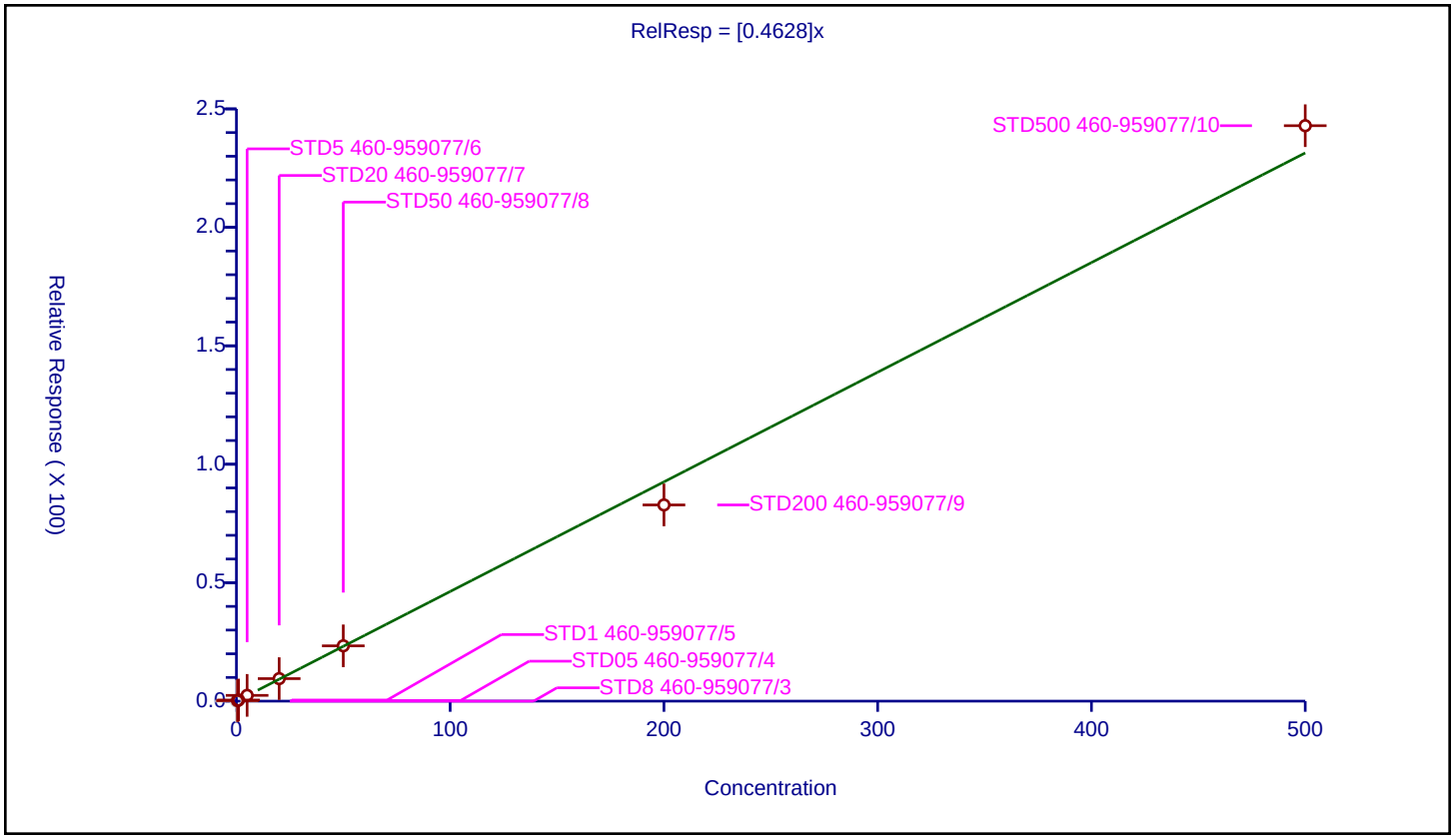
Curve Coefficients

Intercept:	0
Slope:	0.4628

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.22427	50.0	572301.0	0.44854	Y
3	STD1 460-959077/5	1.0	0.461561	50.0	554640.0	0.461561	Y
4	STD5 460-959077/6	5.0	2.436746	50.0	554592.0	0.487349	Y
5	STD20 460-959077/7	20.0	9.50581	50.0	561646.0	0.47529	Y
6	STD50 460-959077/8	50.0	23.348227	50.0	574292.0	0.466965	Y
7	STD200 460-959077/9	200.0	82.822958	50.0	585255.0	0.414115	Y
8	STD500 460-959077/10	500.0	242.904526	50.0	611432.0	0.485809	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

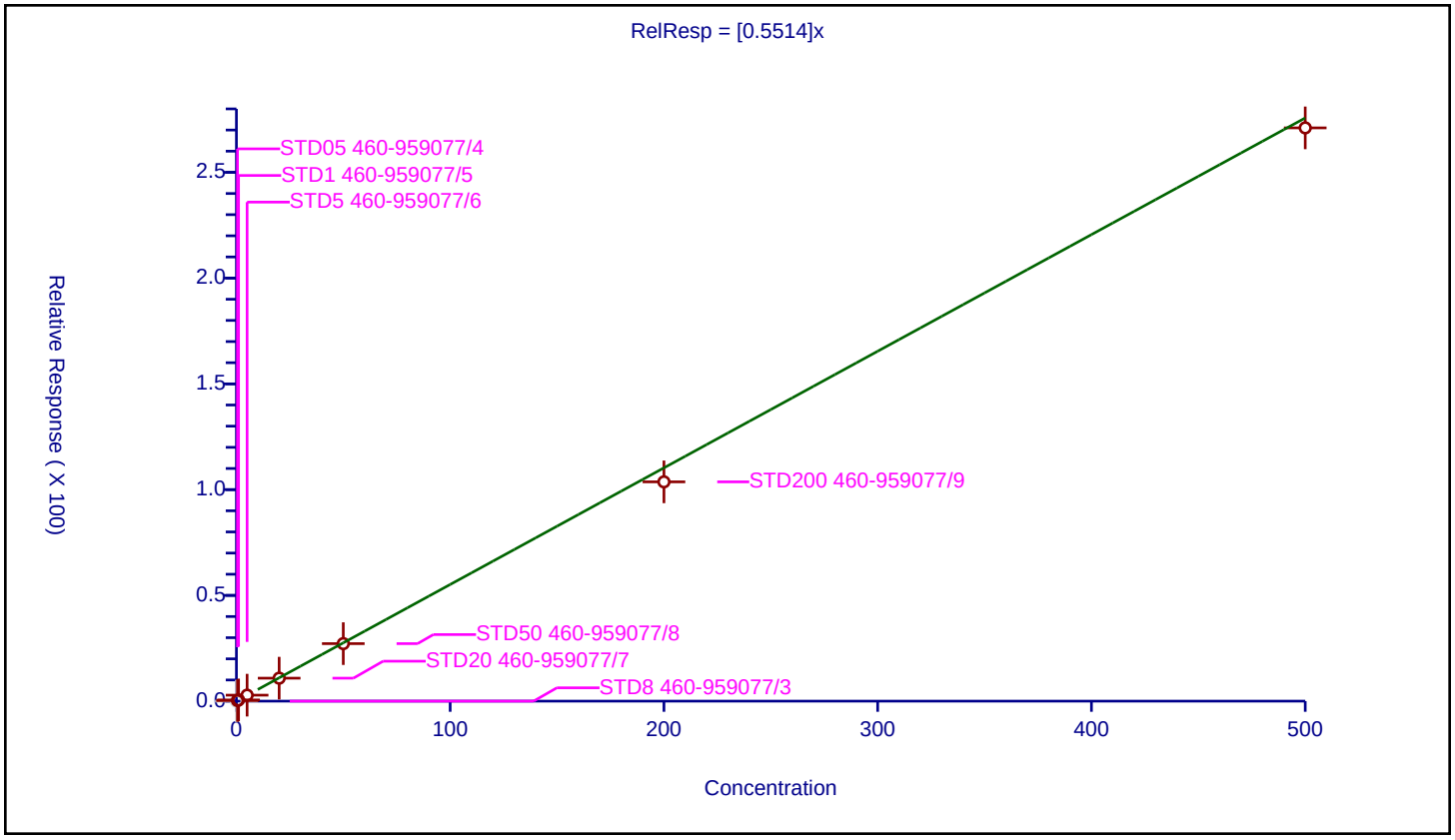
Curve Coefficients

Intercept:	0
Slope:	0.5514

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.292241	50.0	572301.0	0.584483	Y
3	STD1 460-959077/5	1.0	0.562617	50.0	554640.0	0.562617	Y
4	STD5 460-959077/6	5.0	2.827394	50.0	554592.0	0.565479	Y
5	STD20 460-959077/7	20.0	10.857818	50.0	561646.0	0.542891	Y
6	STD50 460-959077/8	50.0	27.197227	50.0	574292.0	0.543945	Y
7	STD200 460-959077/9	200.0	103.674723	50.0	585255.0	0.518374	Y
8	STD500 460-959077/10	500.0	271.019427	50.0	611432.0	0.542039	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

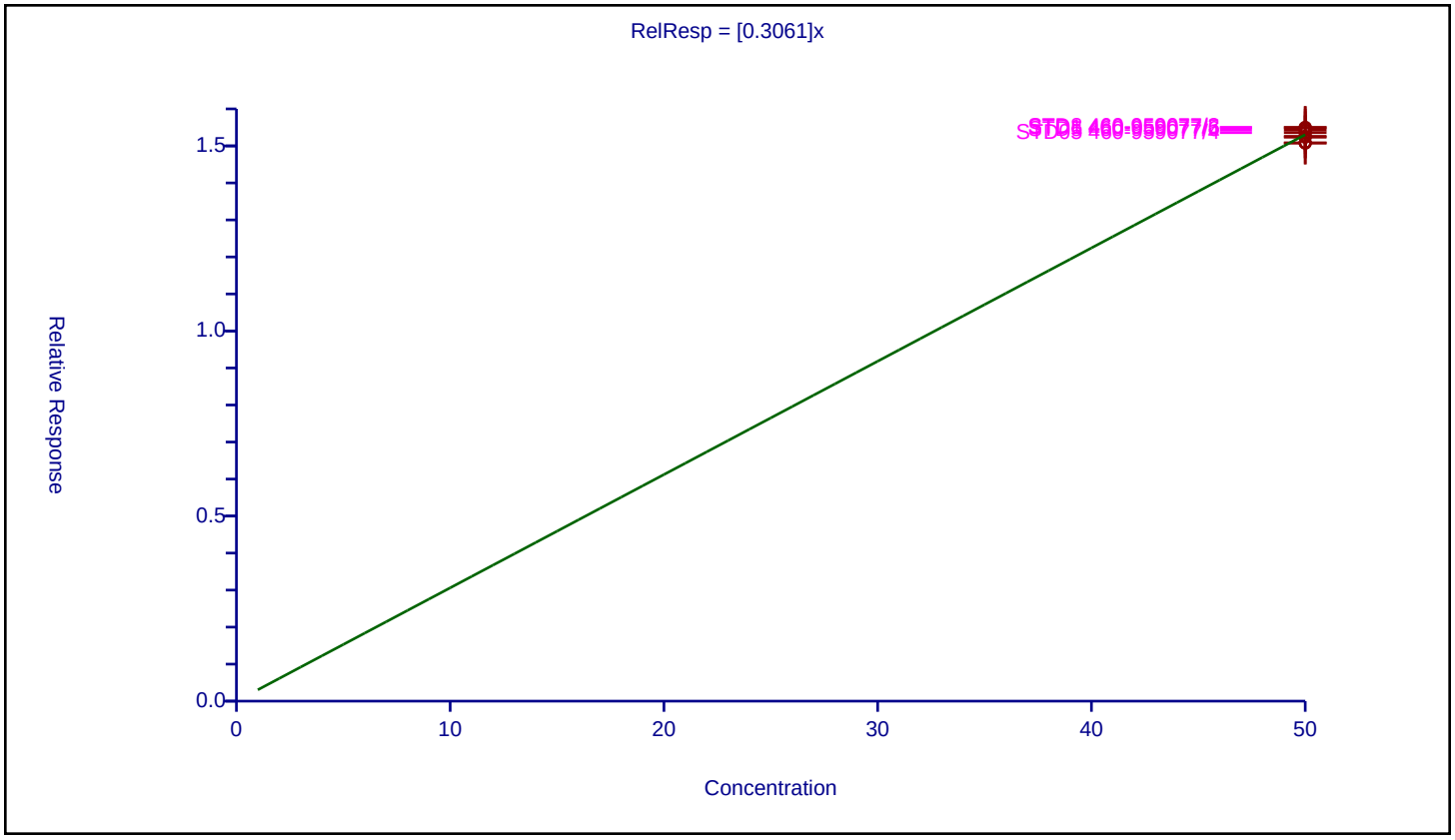
Curve Coefficients

Intercept:	0
Slope:	0.3061

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	15.49921	50.0	574097.0	0.309984	Y
2	STD05 460-959077/4	50.0	15.357827	50.0	572301.0	0.307157	Y
3	STD1 460-959077/5	50.0	15.493023	50.0	554640.0	0.30986	Y
4	STD5 460-959077/6	50.0	15.426566	50.0	554592.0	0.308531	Y
5	STD20 460-959077/7	50.0	15.258811	50.0	561646.0	0.305176	Y
6	STD50 460-959077/8	50.0	15.080743	50.0	574292.0	0.301615	Y
7	STD200 460-959077/9	50.0	15.078983	50.0	585255.0	0.30158	Y
8	STD500 460-959077/10	50.0	15.235382	50.0	611432.0	0.304708	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

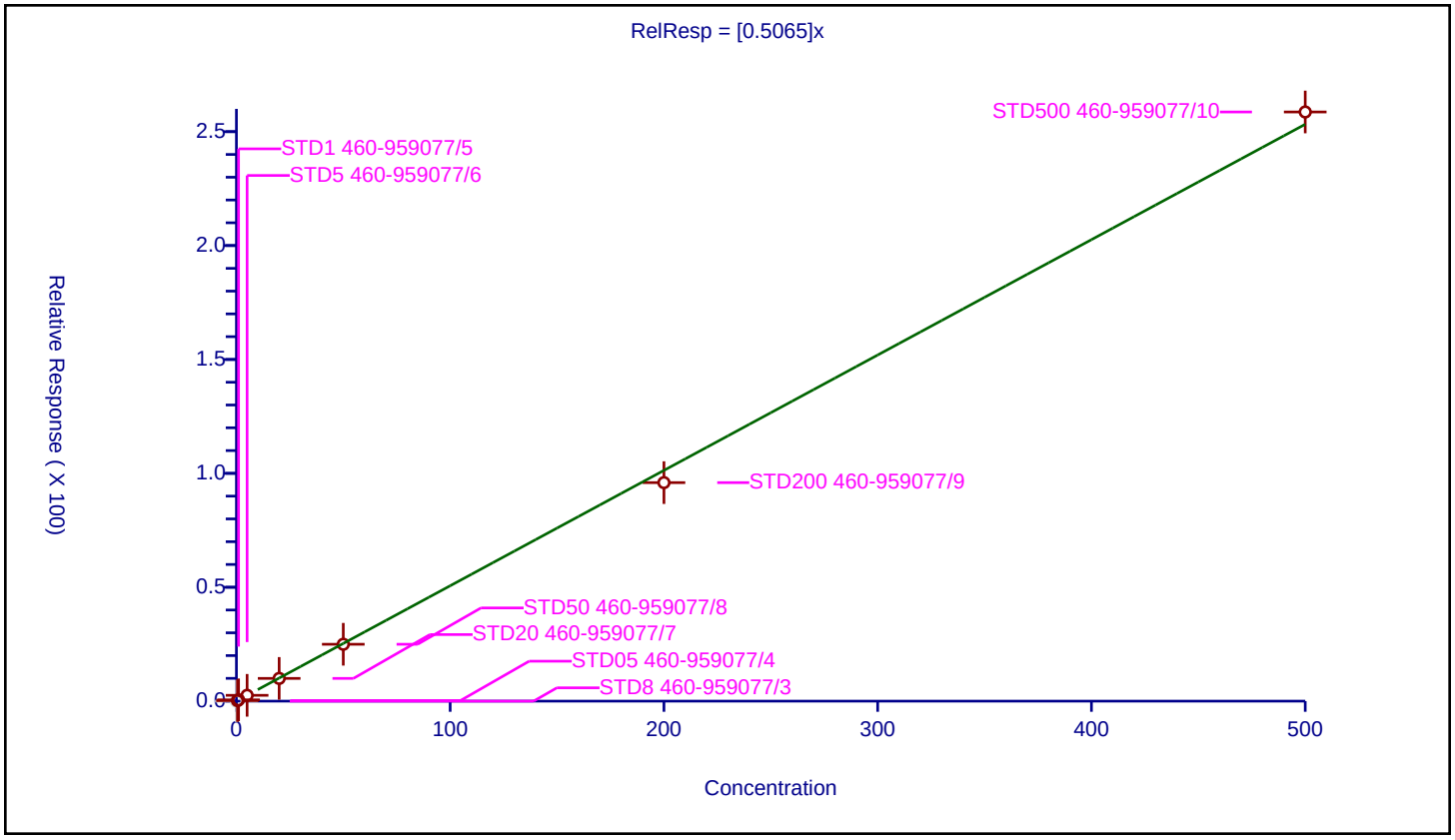
Curve Coefficients

Intercept:	0
Slope:	0.5065

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.234492	50.0	572301.0	0.468984	Y
3	STD1 460-959077/5	1.0	0.571091	50.0	554640.0	0.571091	Y
4	STD5 460-959077/6	5.0	2.551696	50.0	554592.0	0.510339	Y
5	STD20 460-959077/7	20.0	9.975679	50.0	561646.0	0.498784	Y
6	STD50 460-959077/8	50.0	24.965	50.0	574292.0	0.4993	Y
7	STD200 460-959077/9	200.0	95.925793	50.0	585255.0	0.479629	Y
8	STD500 460-959077/10	500.0	258.639064	50.0	611432.0	0.517278	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

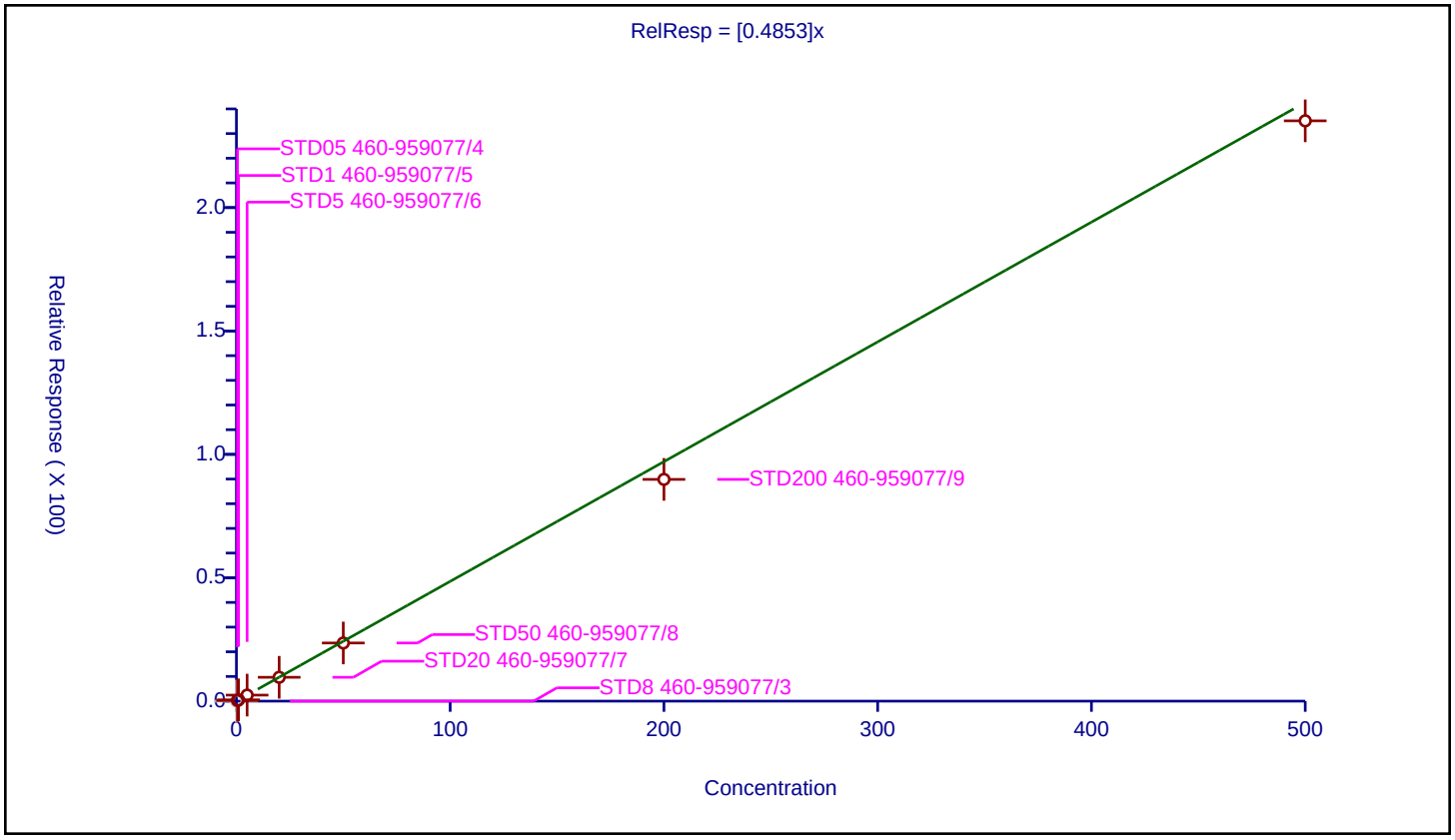
Curve Coefficients

Intercept:	0
Slope:	0.4853

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.255897	50.0	572301.0	0.511794	Y
3	STD1 460-959077/5	1.0	0.52169	50.0	554640.0	0.52169	Y
4	STD5 460-959077/6	5.0	2.445401	50.0	554592.0	0.48908	Y
5	STD20 460-959077/7	20.0	9.668813	50.0	561646.0	0.483441	Y
6	STD50 460-959077/8	50.0	23.562665	50.0	574292.0	0.471253	Y
7	STD200 460-959077/9	200.0	89.855618	50.0	585255.0	0.449278	Y
8	STD500 460-959077/10	500.0	235.161228	50.0	611432.0	0.470322	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

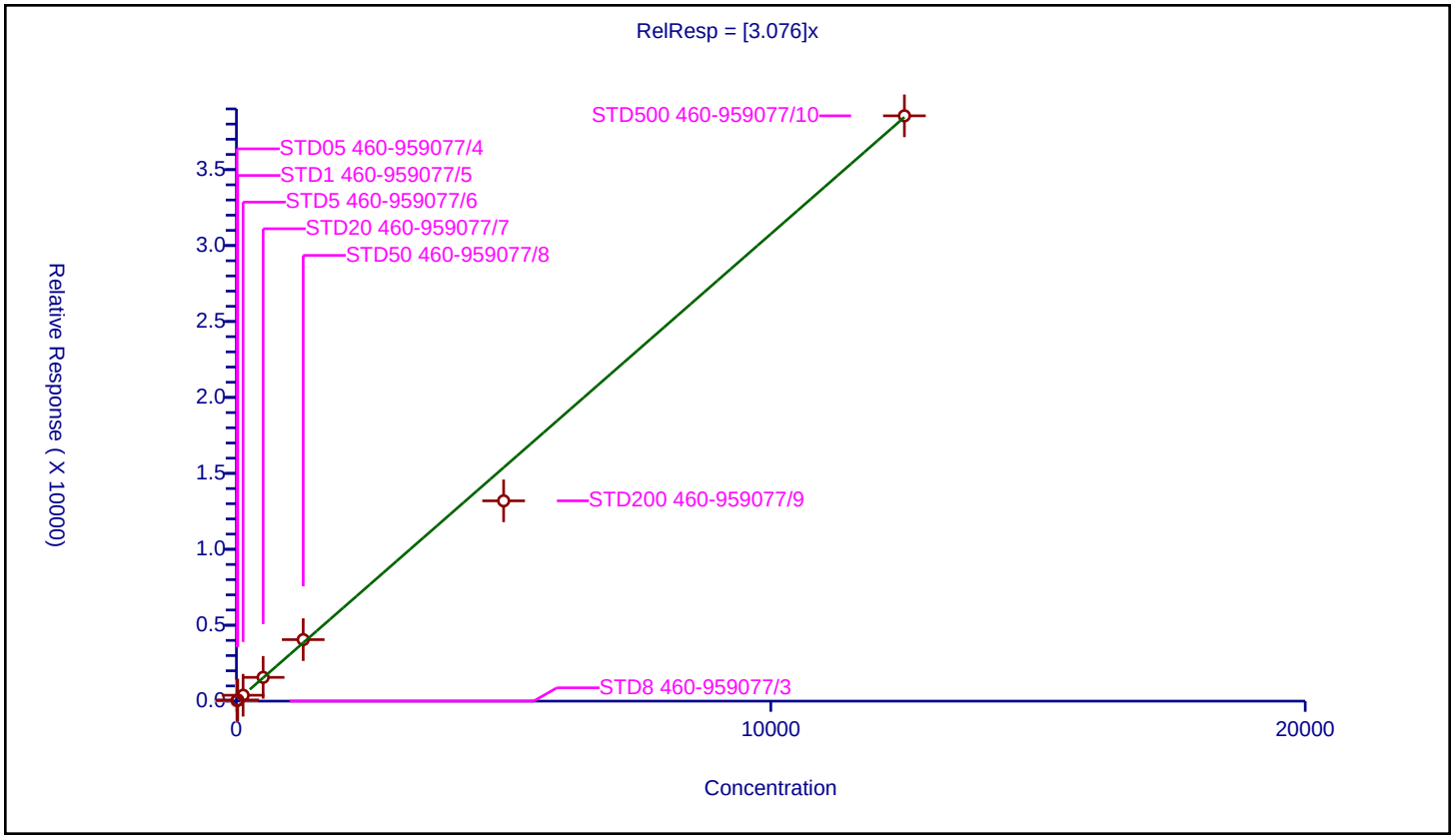
Curve Coefficients

Intercept:	0
Slope:	3.076

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	12.5	39.973446	1000.0	63267.0	3.197876	Y
3	STD1 460-959077/5	25.0	78.428521	1000.0	61878.0	3.137141	Y
4	STD5 460-959077/6	125.0	388.229288	1000.0	60727.0	3.105834	Y
5	STD20 460-959077/7	500.0	1565.849173	1000.0	66341.0	3.131698	Y
6	STD50 460-959077/8	1250.0	4051.131193	1000.0	63738.0	3.240905	Y
7	STD200 460-959077/9	5000.0	13190.656917	1000.0	68243.0	2.638131	Y
8	STD500 460-959077/10	12500.0	38544.181547	1000.0	60987.0	3.083535	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

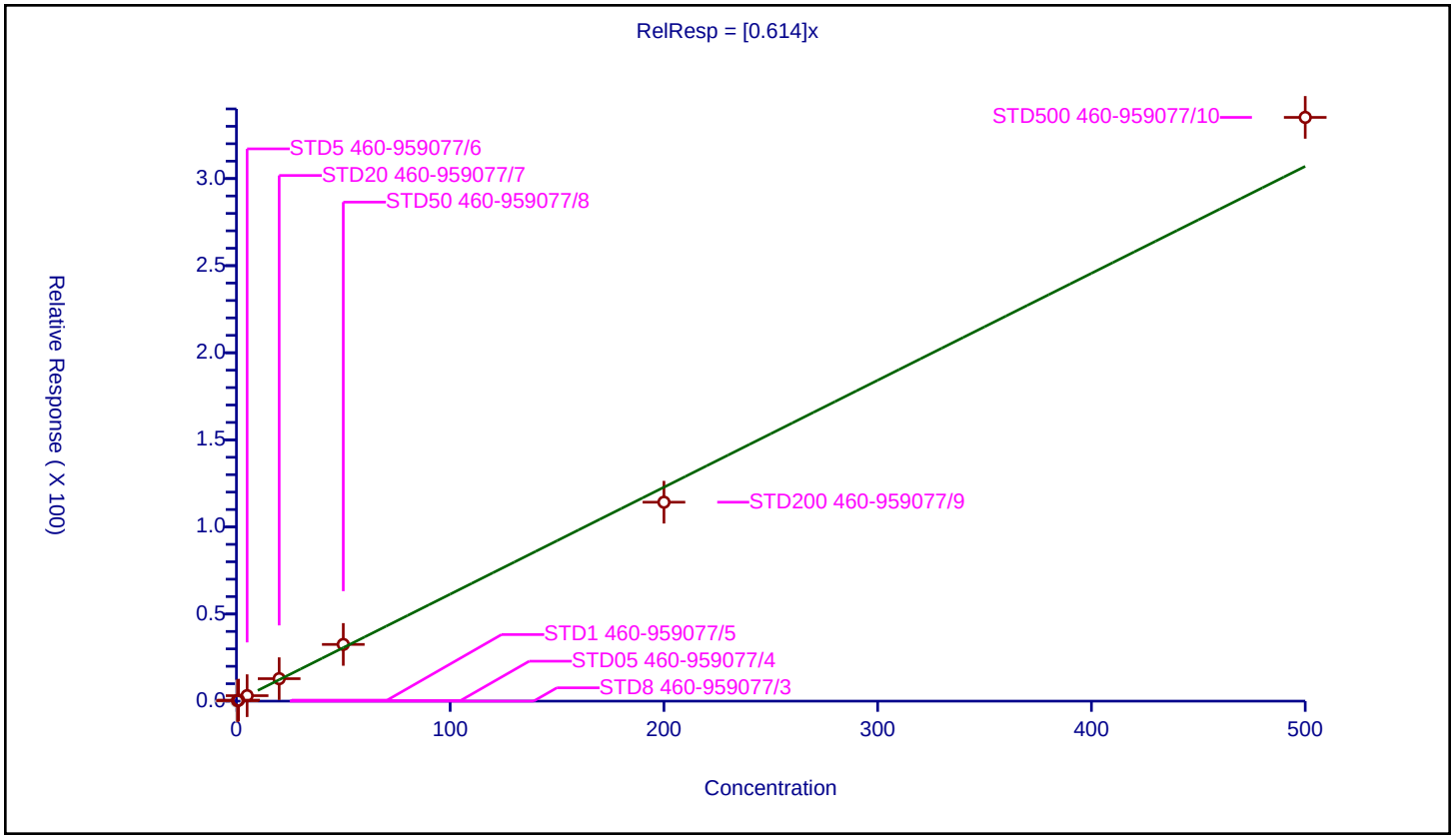
Curve Coefficients

Intercept:	0
Slope:	0.614

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.282893	50.0	572301.0	0.565786	Y
3	STD1 460-959077/5	1.0	0.565953	50.0	554640.0	0.565953	Y
4	STD5 460-959077/6	5.0	3.145556	50.0	554592.0	0.629111	Y
5	STD20 460-959077/7	20.0	12.903056	50.0	561646.0	0.645153	Y
6	STD50 460-959077/8	50.0	32.553126	50.0	574292.0	0.651063	Y
7	STD200 460-959077/9	200.0	114.203552	50.0	585255.0	0.571018	Y
8	STD500 460-959077/10	500.0	335.120668	50.0	611432.0	0.670241	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

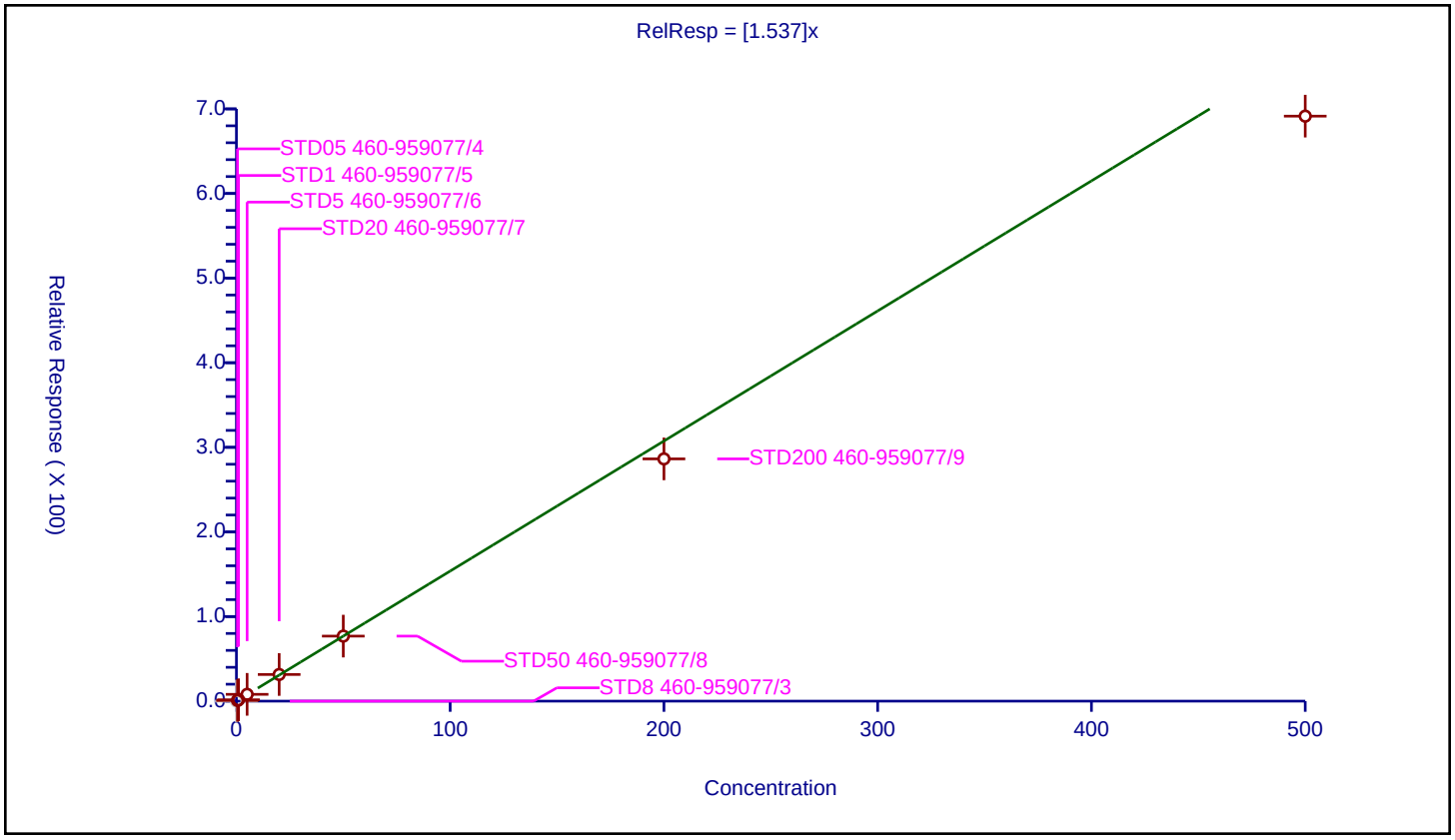
Curve Coefficients

Intercept:	0
Slope:	1.537

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.808893	50.0	498830.0	1.617786	Y
3	STD1 460-959077/5	1.0	1.605339	50.0	486159.0	1.605339	Y
4	STD5 460-959077/6	5.0	8.05594	50.0	487454.0	1.611188	Y
5	STD20 460-959077/7	20.0	31.501438	50.0	504423.0	1.575072	Y
6	STD50 460-959077/8	50.0	76.864442	50.0	520759.0	1.537289	Y
7	STD200 460-959077/9	200.0	286.330005	50.0	559415.0	1.43165	Y
8	STD500 460-959077/10	500.0	691.429687	50.0	604482.0	1.382859	Y



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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

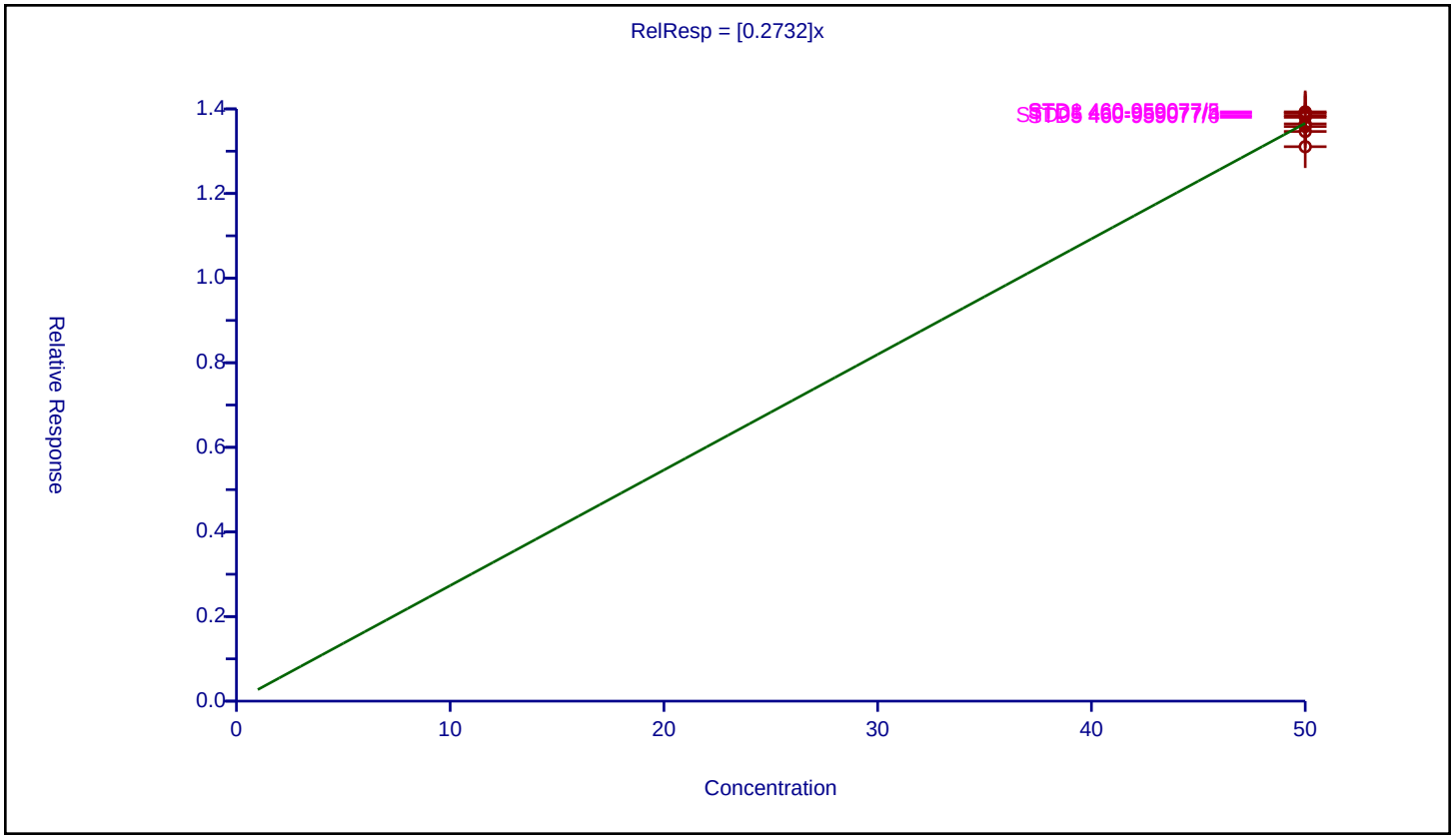
Curve Coefficients

Intercept:	0
Slope:	0.2732

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	13.900526	50.0	574097.0	0.278011	Y
2	STD05 460-959077/4	50.0	13.843415	50.0	572301.0	0.276868	Y
3	STD1 460-959077/5	50.0	13.930027	50.0	554640.0	0.278601	Y
4	STD5 460-959077/6	50.0	13.800506	50.0	554592.0	0.27601	Y
5	STD20 460-959077/7	50.0	13.645873	50.0	561646.0	0.272917	Y
6	STD50 460-959077/8	50.0	13.46632	50.0	574292.0	0.269326	Y
7	STD200 460-959077/9	50.0	13.582968	50.0	585255.0	0.271659	Y
8	STD500 460-959077/10	50.0	13.106527	50.0	611432.0	0.262131	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

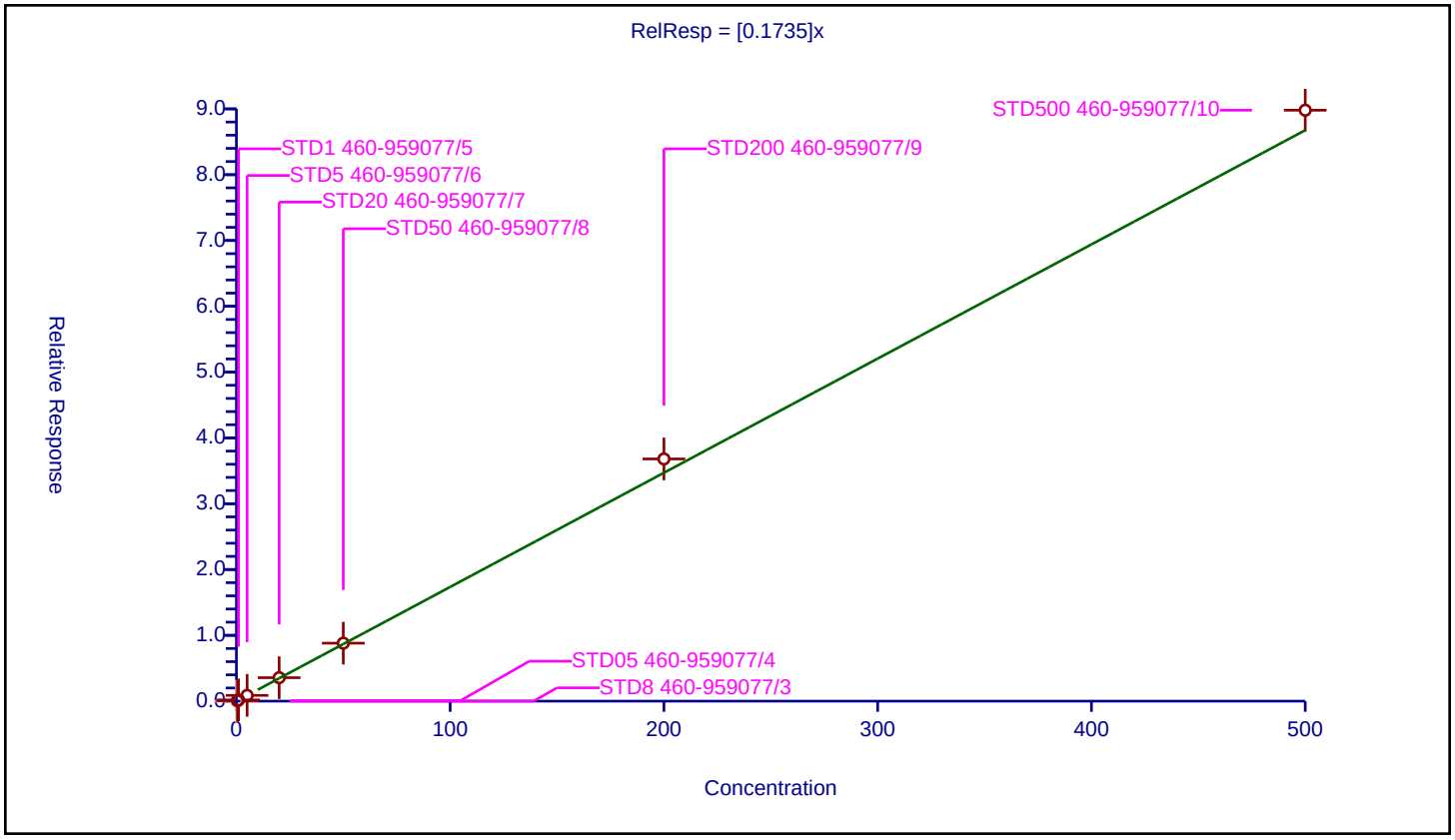
Curve Coefficients

Intercept:	0
Slope:	0.1735

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.069719	50.0	572301.0	0.139437	Y
3	STD1 460-959077/5	1.0	0.183002	50.0	554640.0	0.183002	Y
4	STD5 460-959077/6	5.0	0.87064	50.0	554592.0	0.174128	Y
5	STD20 460-959077/7	20.0	3.5639	50.0	561646.0	0.178195	Y
6	STD50 460-959077/8	50.0	8.810501	50.0	574292.0	0.17621	Y
7	STD200 460-959077/9	200.0	36.805666	50.0	585255.0	0.184028	Y
8	STD500 460-959077/10	500.0	89.799602	50.0	611432.0	0.179599	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

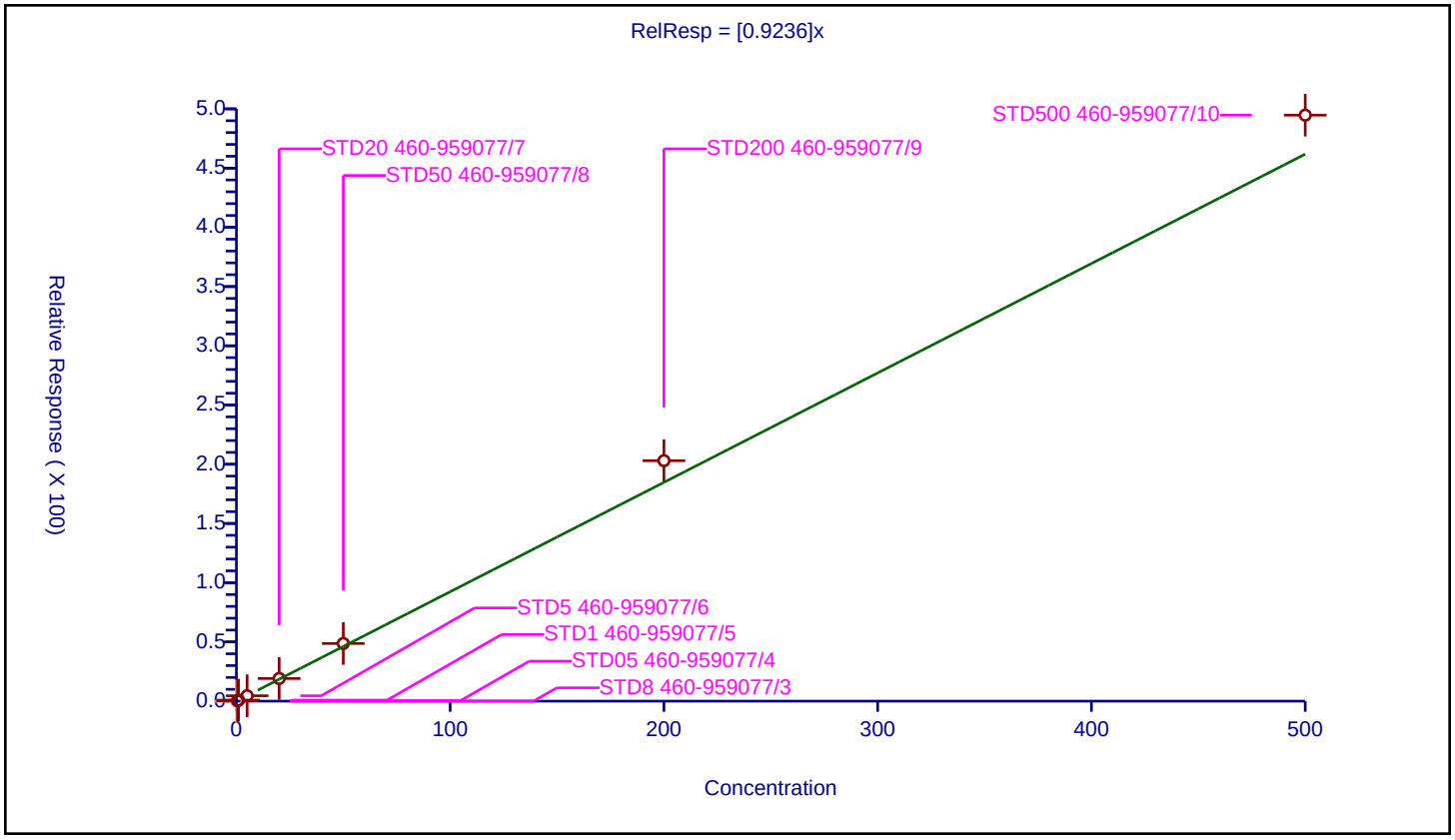
Curve Coefficients

Intercept:	0
Slope:	0.9236

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.375589	50.0	572301.0	0.751178	Y
3	STD1 460-959077/5	1.0	0.871827	50.0	554640.0	0.871827	Y
4	STD5 460-959077/6	5.0	4.548028	50.0	554592.0	0.909606	Y
5	STD20 460-959077/7	20.0	19.091296	50.0	561646.0	0.954565	Y
6	STD50 460-959077/8	50.0	48.673758	50.0	574292.0	0.973475	Y
7	STD200 460-959077/9	200.0	203.003477	50.0	585255.0	1.015017	Y
8	STD500 460-959077/10	500.0	494.723534	50.0	611432.0	0.989447	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

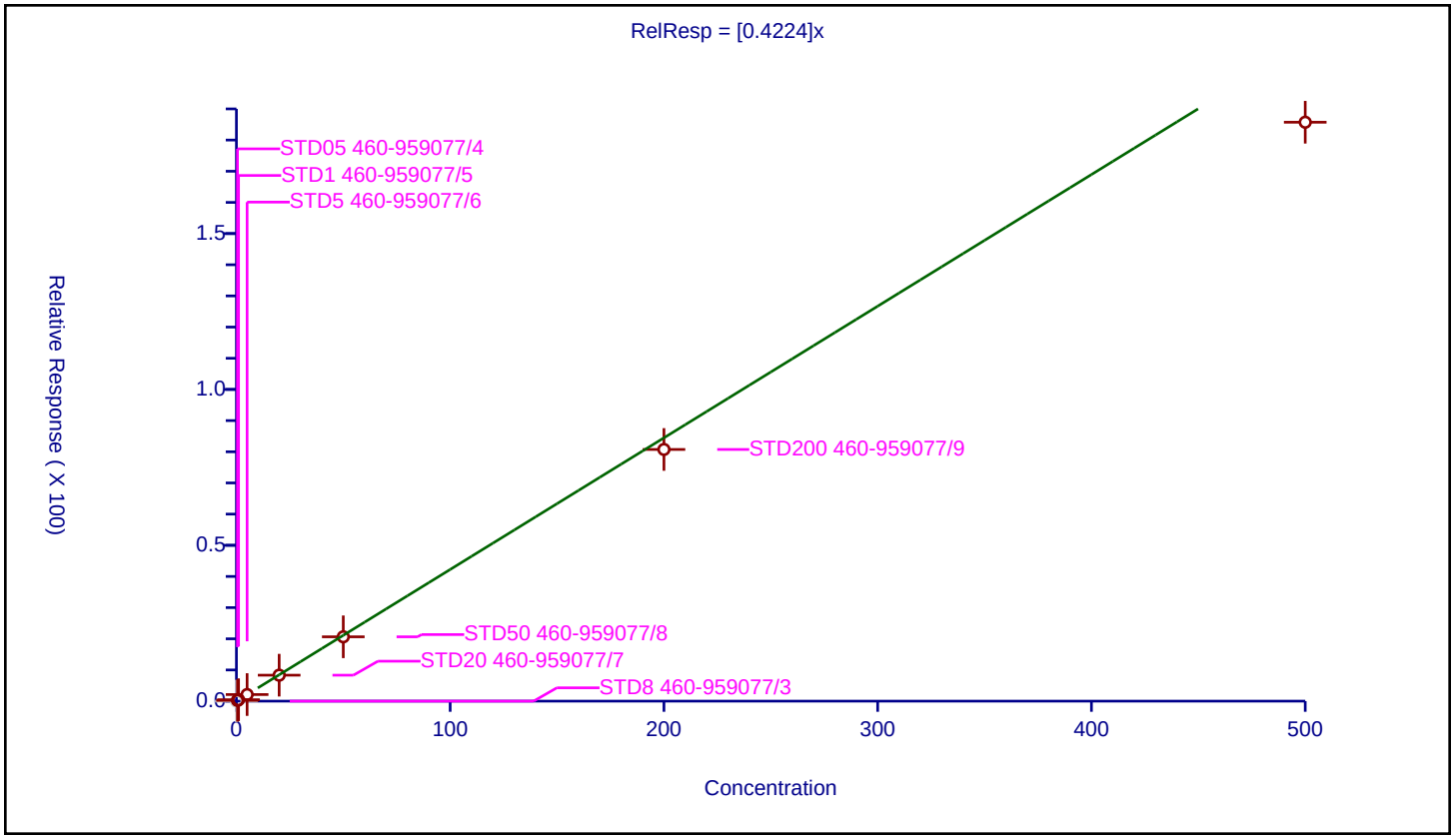
Curve Coefficients

Intercept:	0
Slope:	0.4224

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.241743	50.0	572301.0	0.483487	Y
3	STD1 460-959077/5	1.0	0.445965	50.0	554640.0	0.445965	Y
4	STD5 460-959077/6	5.0	2.114618	50.0	554592.0	0.422924	Y
5	STD20 460-959077/7	20.0	8.322858	50.0	561646.0	0.416143	Y
6	STD50 460-959077/8	50.0	20.64011	50.0	574292.0	0.412802	Y
7	STD200 460-959077/9	200.0	80.742497	50.0	585255.0	0.403712	Y
8	STD500 460-959077/10	500.0	185.719426	50.0	611432.0	0.371439	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

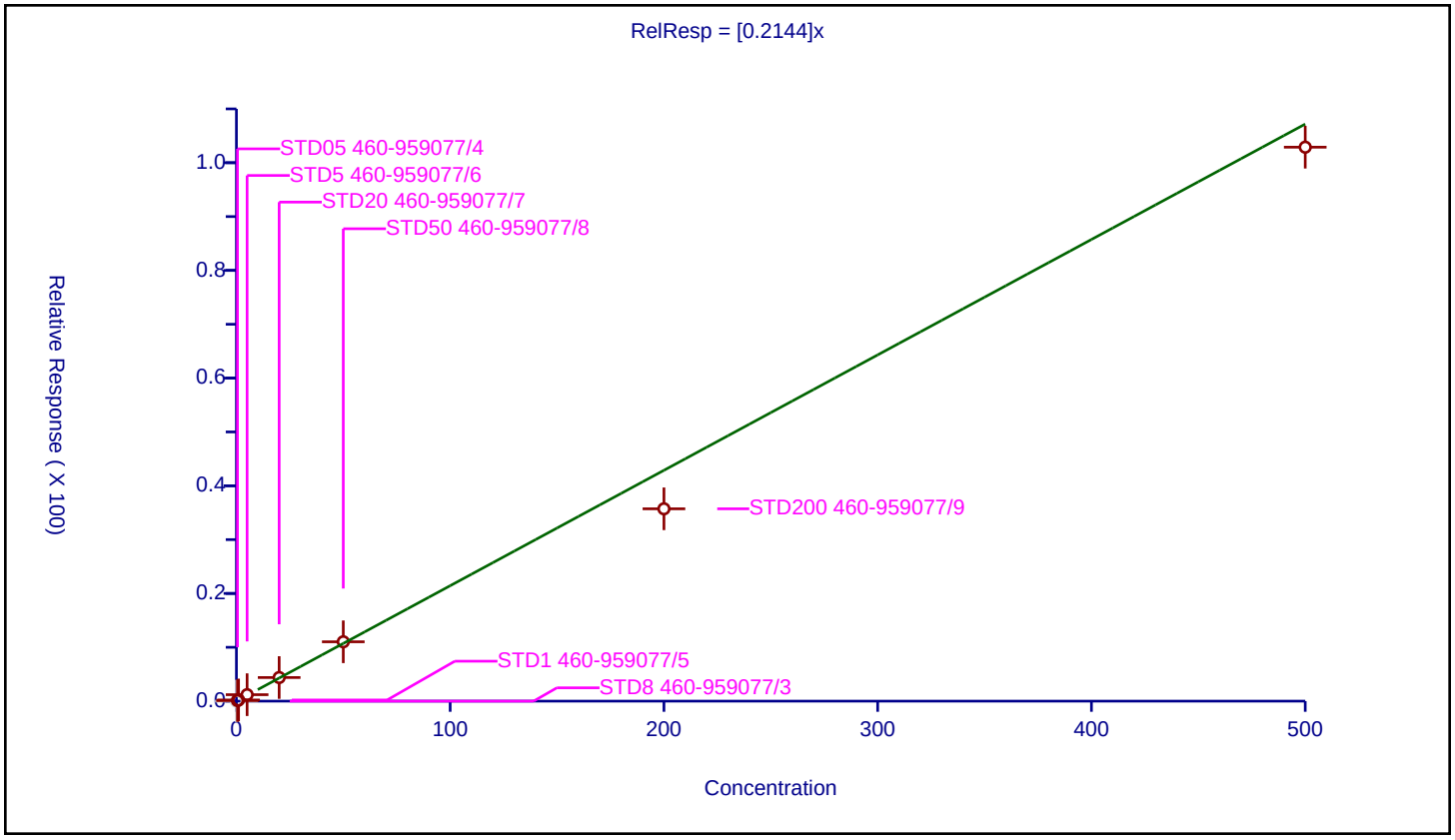
Curve Coefficients

Intercept:	0
Slope:	0.2144

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.11148	50.0	572301.0	0.22296	Y
3	STD1 460-959077/5	1.0	0.213832	50.0	554640.0	0.213832	Y
4	STD5 460-959077/6	5.0	1.198449	50.0	554592.0	0.23969	Y
5	STD20 460-959077/7	20.0	4.383811	50.0	561646.0	0.219191	Y
6	STD50 460-959077/8	50.0	11.023225	50.0	574292.0	0.220465	Y
7	STD200 460-959077/9	200.0	35.722634	50.0	585255.0	0.178613	Y
8	STD500 460-959077/10	500.0	102.884049	50.0	611432.0	0.205768	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

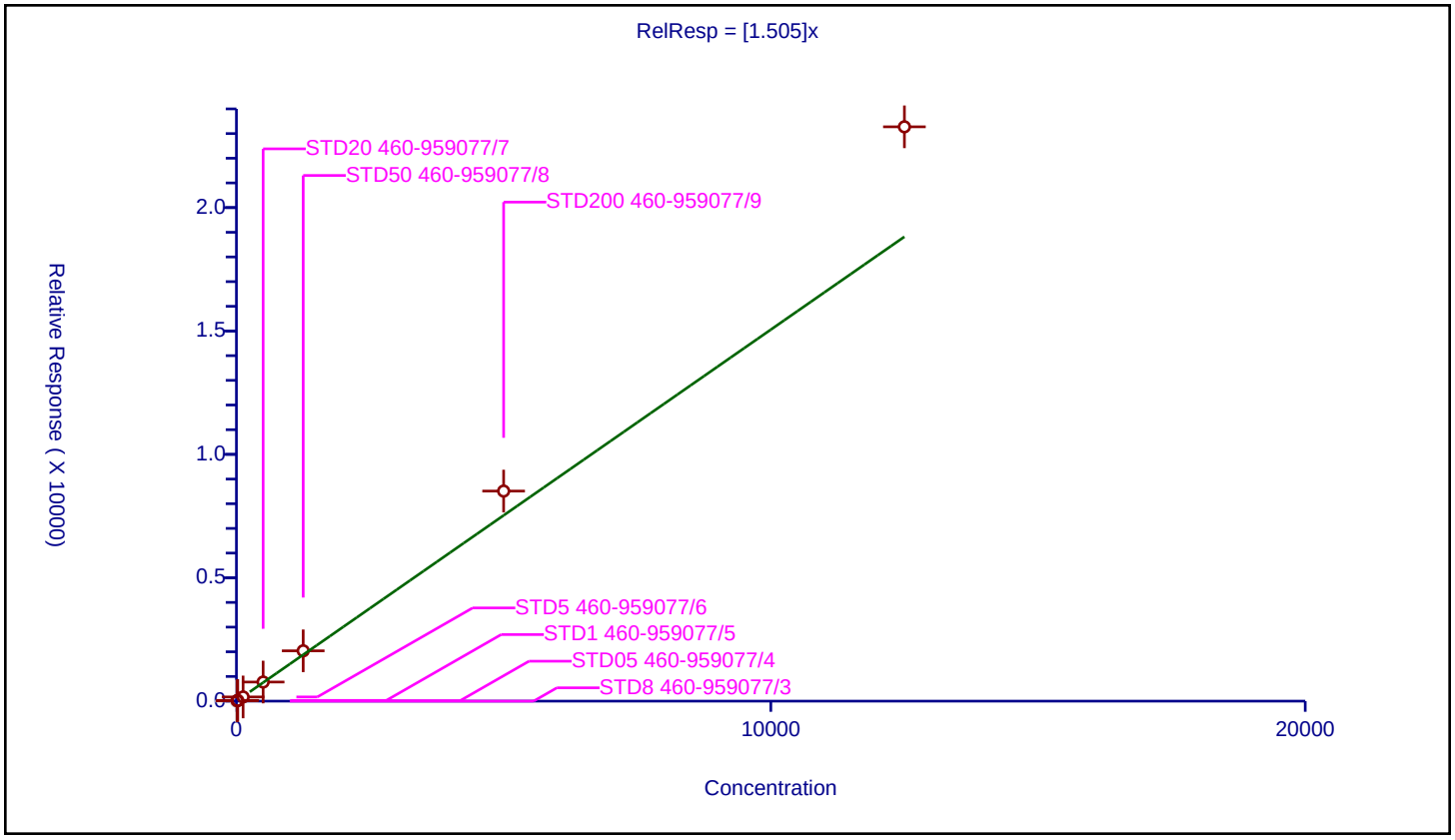
Curve Coefficients

Intercept:	0
Slope:	1.505

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	63618.0	NaN	N
2	STD05 460-959077/4	12.5	15.489908	1000.0	63267.0	1.239193	Y
3	STD1 460-959077/5	25.0	29.946023	1000.0	61878.0	1.197841	Y
4	STD5 460-959077/6	125.0	169.72681	1000.0	60727.0	1.357814	Y
5	STD20 460-959077/7	500.0	773.970848	1000.0	66341.0	1.547942	Y
6	STD50 460-959077/8	1250.0	2038.81515	1000.0	63738.0	1.631052	Y
7	STD200 460-959077/9	5000.0	8512.755887	1000.0	68243.0	1.702551	Y
8	STD500 460-959077/10	12500.0	23273.107384	1000.0	60987.0	1.861849	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

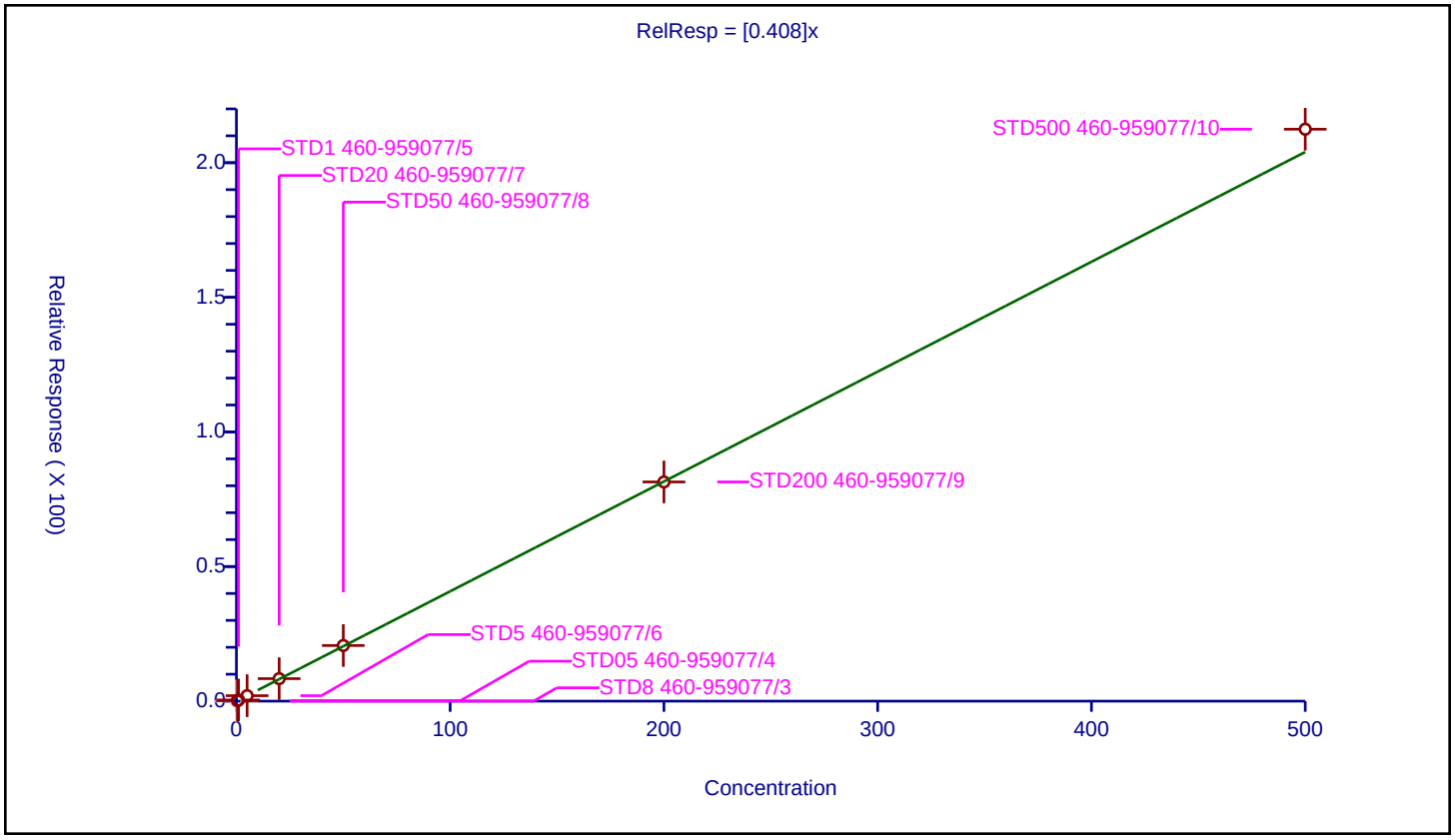
Curve Coefficients

Intercept:	0
Slope:	0.408

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.183557	50.0	572301.0	0.367115	Y
3	STD1 460-959077/5	1.0	0.421174	50.0	554640.0	0.421174	Y
4	STD5 460-959077/6	5.0	2.023019	50.0	554592.0	0.404604	Y
5	STD20 460-959077/7	20.0	8.352236	50.0	561646.0	0.417612	Y
6	STD50 460-959077/8	50.0	20.662834	50.0	574292.0	0.413257	Y
7	STD200 460-959077/9	200.0	81.419808	50.0	585255.0	0.407099	Y
8	STD500 460-959077/10	500.0	212.448645	50.0	611432.0	0.424897	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

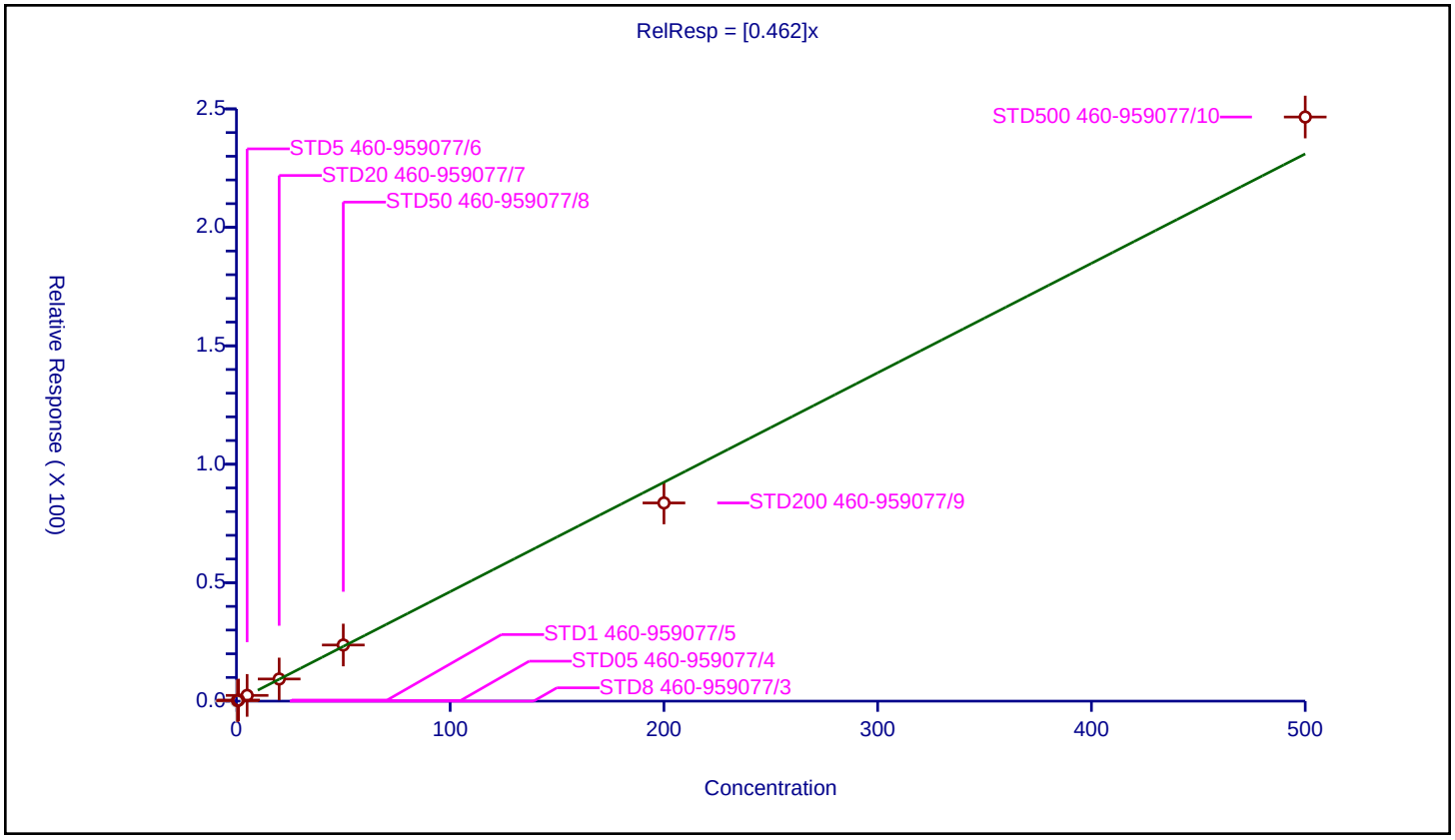
Curve Coefficients

Intercept:	0
Slope:	0.462

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.223222	50.0	572301.0	0.446443	Y
3	STD1 460-959077/5	1.0	0.451374	50.0	554640.0	0.451374	Y
4	STD5 460-959077/6	5.0	2.417723	50.0	554592.0	0.483545	Y
5	STD20 460-959077/7	20.0	9.348682	50.0	561646.0	0.467434	Y
6	STD50 460-959077/8	50.0	23.691519	50.0	574292.0	0.47383	Y
7	STD200 460-959077/9	200.0	83.668316	50.0	585255.0	0.418342	Y
8	STD500 460-959077/10	500.0	246.565358	50.0	611432.0	0.493131	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

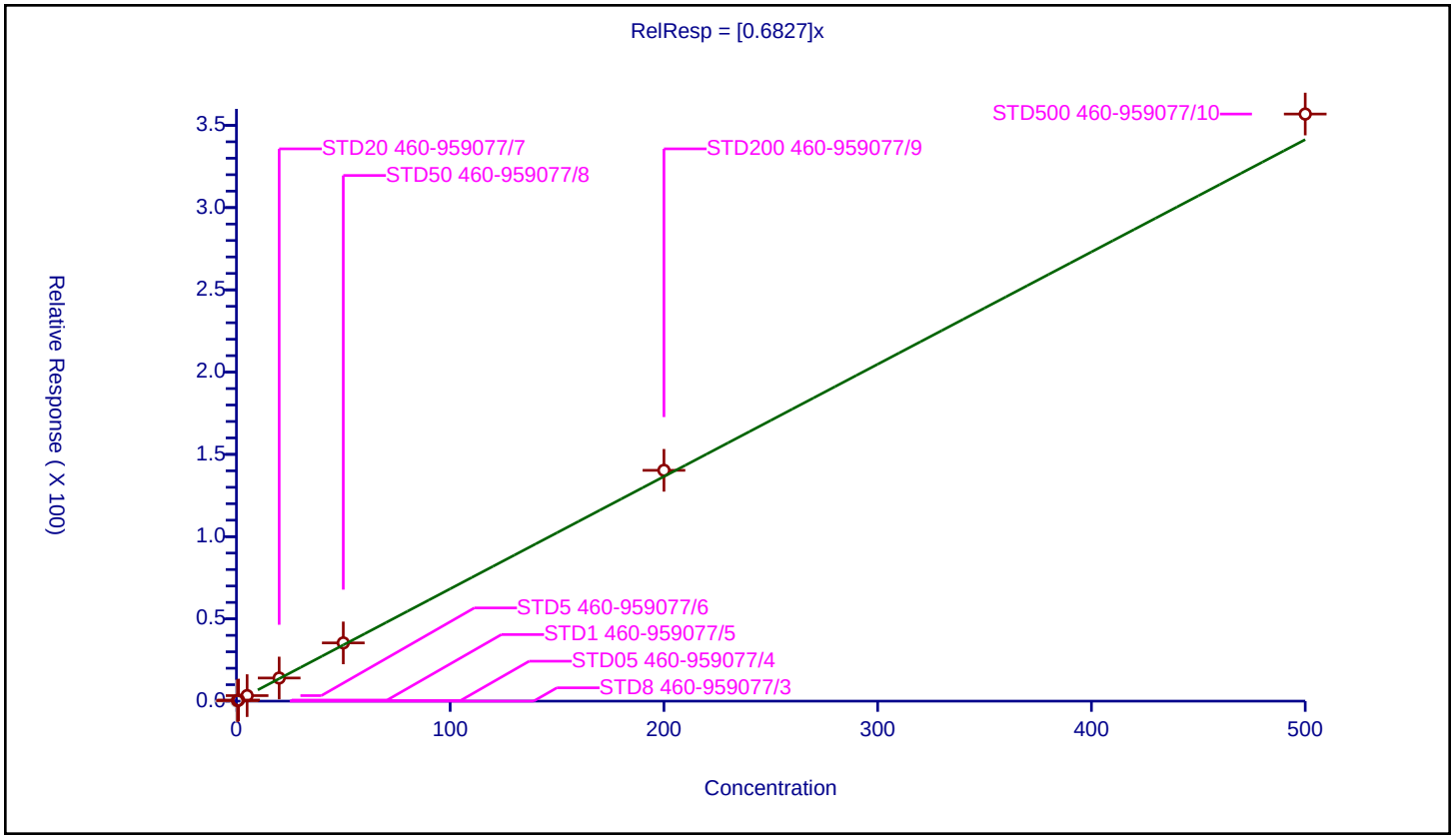
Curve Coefficients

Intercept:	0
Slope:	0.6827

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.312161	50.0	572301.0	0.624322	Y
3	STD1 460-959077/5	1.0	0.65556	50.0	554640.0	0.65556	Y
4	STD5 460-959077/6	5.0	3.360939	50.0	554592.0	0.672188	Y
5	STD20 460-959077/7	20.0	14.063129	50.0	561646.0	0.703156	Y
6	STD50 460-959077/8	50.0	35.402113	50.0	574292.0	0.708042	Y
7	STD200 460-959077/9	200.0	140.31183	50.0	585255.0	0.701559	Y
8	STD500 460-959077/10	500.0	356.870429	50.0	611432.0	0.713741	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

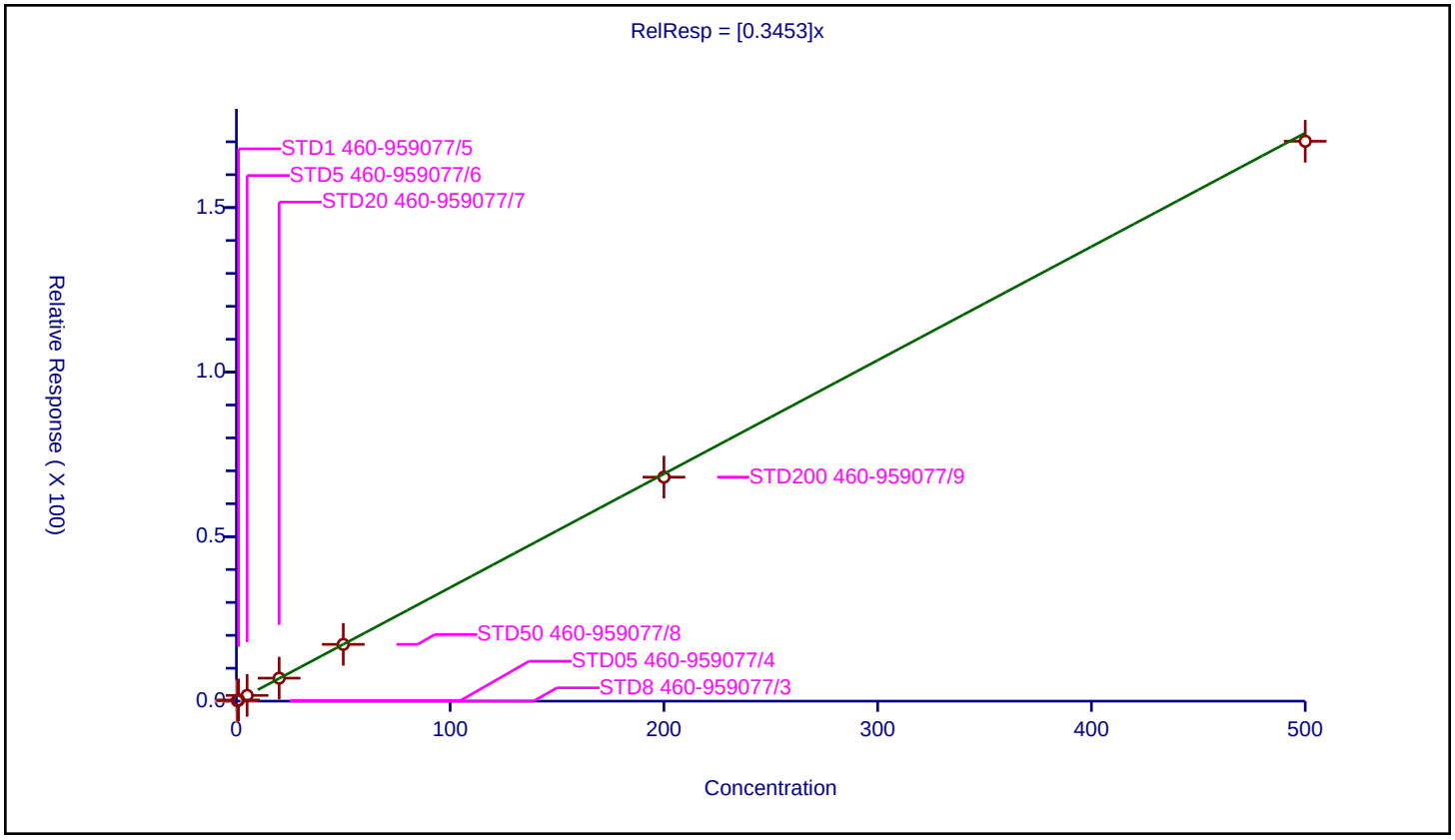
Curve Coefficients

Intercept:	0
Slope:	0.3453

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.16888	50.0	572301.0	0.337759	Y
3	STD1 460-959077/5	1.0	0.355907	50.0	554640.0	0.355907	Y
4	STD5 460-959077/6	5.0	1.741821	50.0	554592.0	0.348364	Y
5	STD20 460-959077/7	20.0	6.990524	50.0	561646.0	0.349526	Y
6	STD50 460-959077/8	50.0	17.256378	50.0	574292.0	0.345128	Y
7	STD200 460-959077/9	200.0	68.077676	50.0	585255.0	0.340388	Y
8	STD500 460-959077/10	500.0	170.161359	50.0	611432.0	0.340323	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

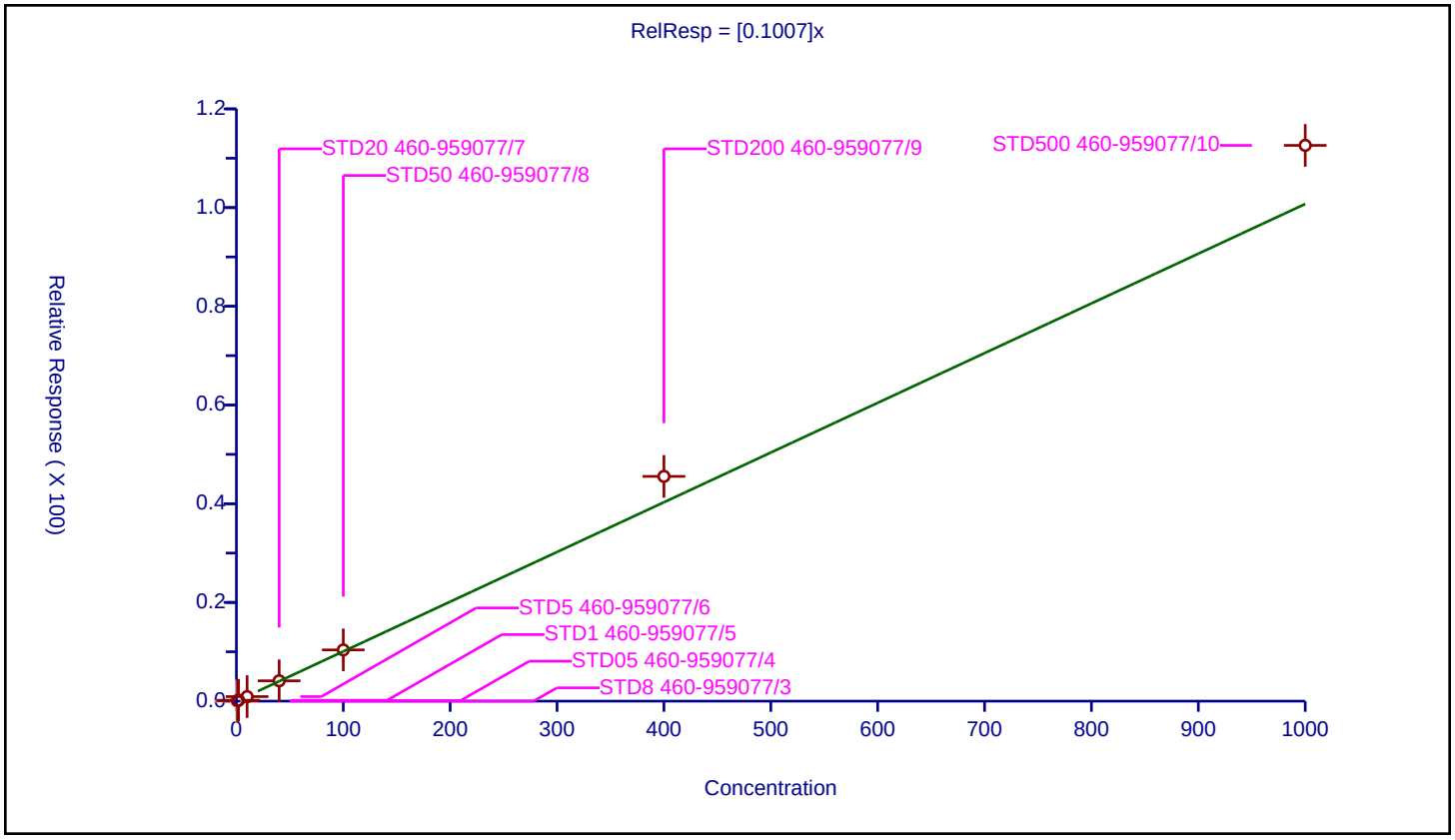
Curve Coefficients

Intercept:	0
Slope:	0.1007

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.091997	50.0	572301.0	0.091997	Y
3	STD1 460-959077/5	2.0	0.17588	50.0	554640.0	0.08794	Y
4	STD5 460-959077/6	10.0	0.918693	50.0	554592.0	0.091869	Y
5	STD20 460-959077/7	40.0	4.12208	50.0	561646.0	0.103052	Y
6	STD50 460-959077/8	100.0	10.380521	50.0	574292.0	0.103805	Y
7	STD200 460-959077/9	400.0	45.541003	50.0	585255.0	0.113853	Y
8	STD500 460-959077/10	1000.0	112.608761	50.0	611432.0	0.112609	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

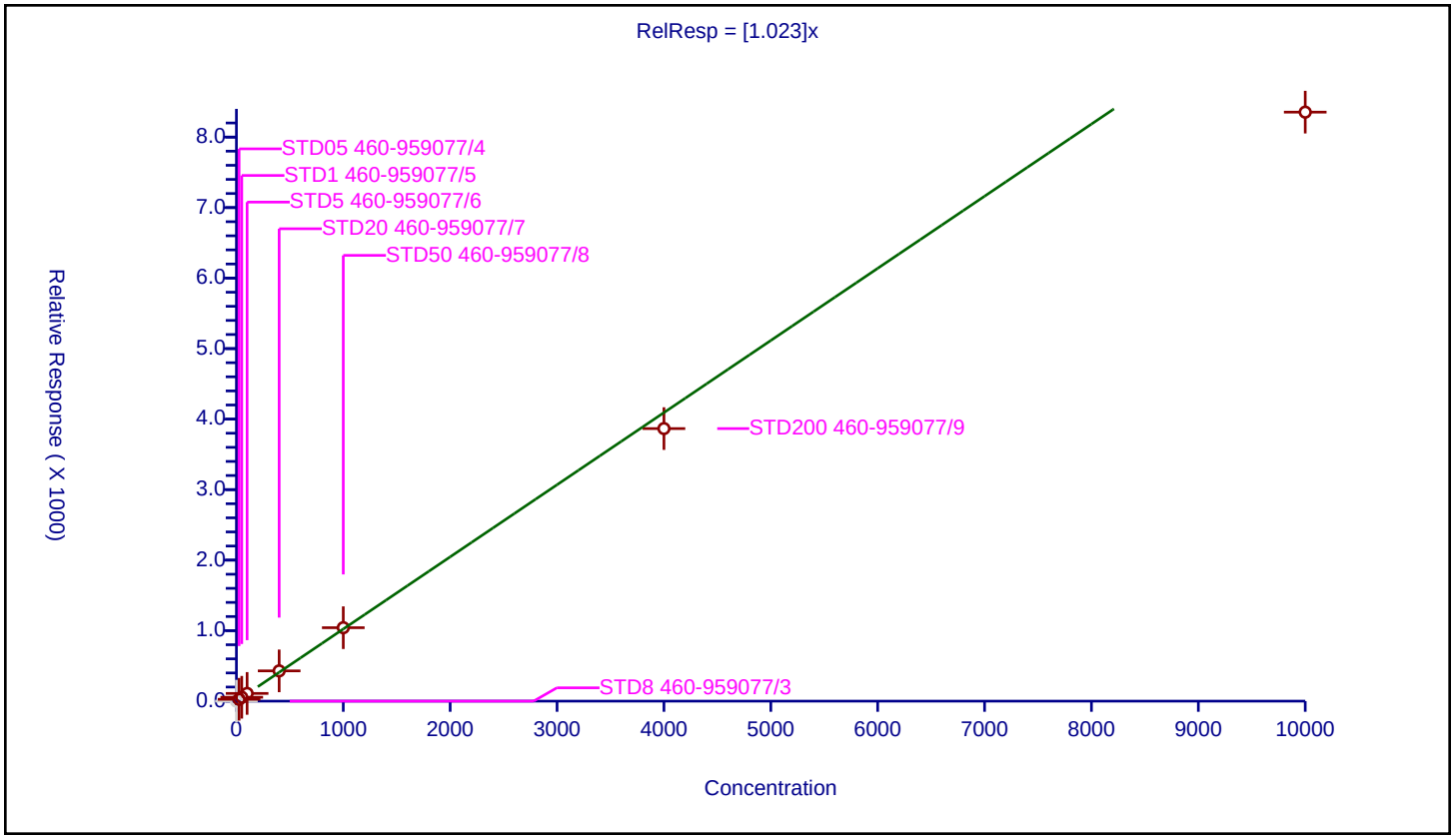
Curve Coefficients

Intercept:	0
Slope:	1.023

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	1000.0	55464.0	NaN	N
2	STD05 460-959077/4	25.000031	26.254768	1000.0	53476.0	1.050189	Y
3	STD1 460-959077/5	50.000062	55.104486	1000.0	52591.0	1.102088	Y
4	STD5 460-959077/6	100.0	109.222938	1000.0	53432.0	1.092229	Y
5	STD20 460-959077/7	400.0	429.407997	1000.0	54645.0	1.07352	Y
6	STD50 460-959077/8	1000.0	1041.592095	1000.0	53640.0	1.041592	Y
7	STD200 460-959077/9	4000.0	3865.916479	1000.0	59985.0	0.966479	Y
8	STD500 460-959077/10	10000.0	8353.873133	1000.0	66148.0	0.835387	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

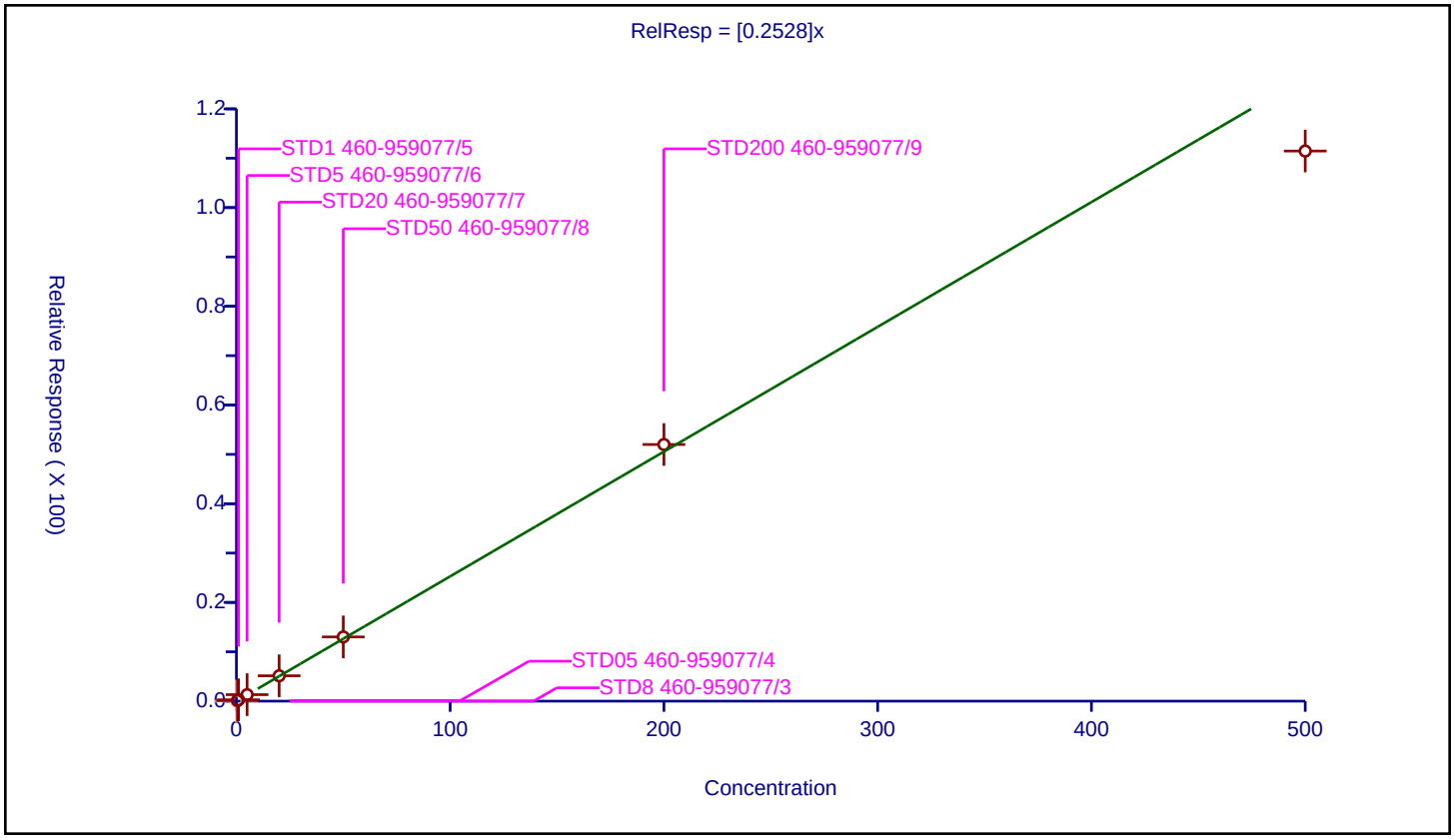
Curve Coefficients

Intercept:	0
Slope:	0.2528

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.116634	50.0	572301.0	0.233269	Y
3	STD1 460-959077/5	1.0	0.27333	50.0	554640.0	0.27333	Y
4	STD5 460-959077/6	5.0	1.313578	50.0	554592.0	0.262716	Y
5	STD20 460-959077/7	20.0	5.141228	50.0	561646.0	0.257061	Y
6	STD50 460-959077/8	50.0	13.010542	50.0	574292.0	0.260211	Y
7	STD200 460-959077/9	200.0	51.99947	50.0	585255.0	0.259997	Y
8	STD500 460-959077/10	500.0	111.461046	50.0	611432.0	0.222922	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

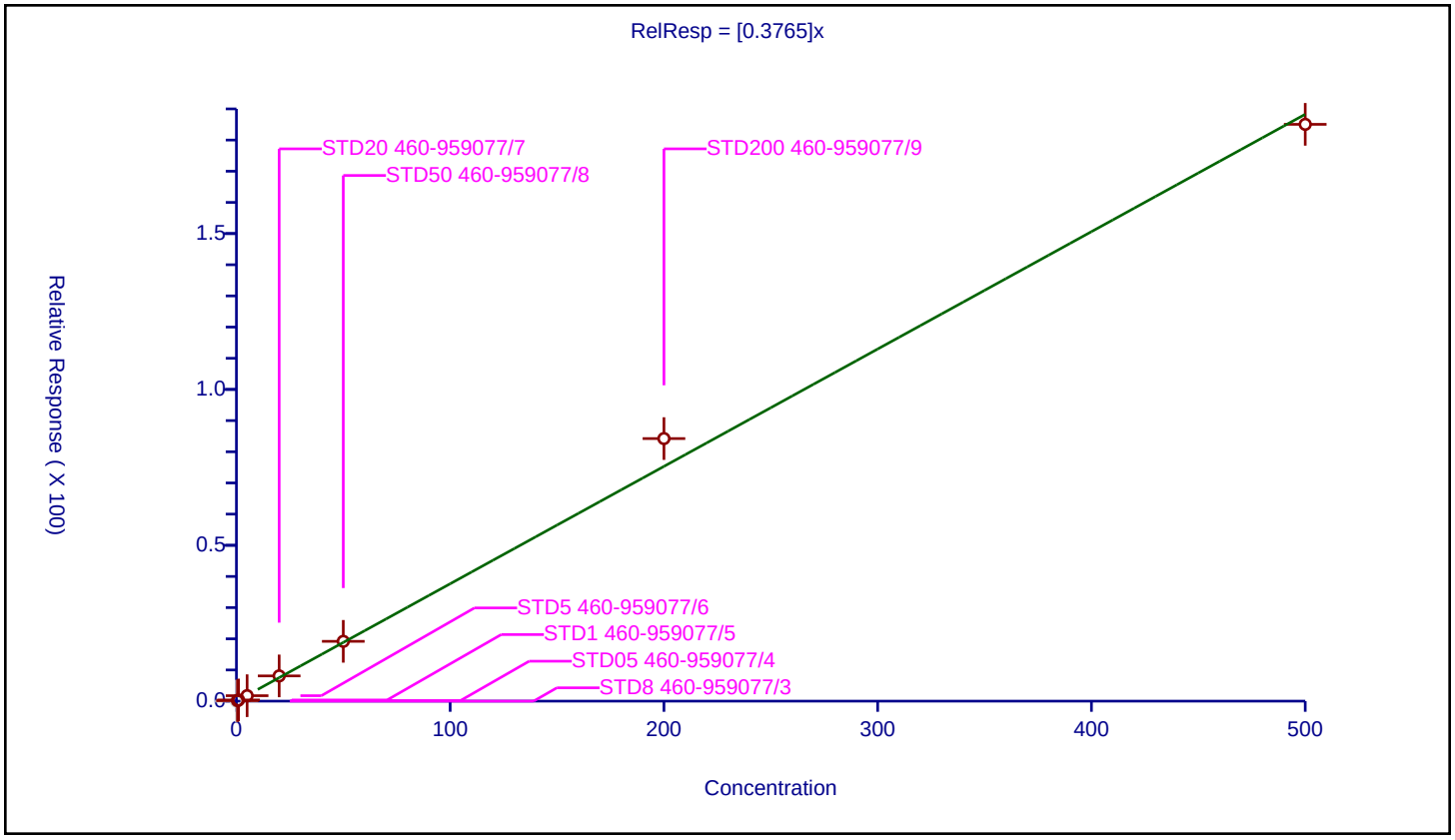
Curve Coefficients

Intercept:	0
Slope:	0.3765

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.166171	50.0	572301.0	0.332343	Y
3	STD1 460-959077/5	1.0	0.373486	50.0	554640.0	0.373486	Y
4	STD5 460-959077/6	5.0	1.750296	50.0	554592.0	0.350059	Y
5	STD20 460-959077/7	20.0	8.096737	50.0	561646.0	0.404837	Y
6	STD50 460-959077/8	50.0	19.188845	50.0	574292.0	0.383777	Y
7	STD200 460-959077/9	200.0	84.232087	50.0	585255.0	0.42116	Y
8	STD500 460-959077/10	500.0	185.043472	50.0	611432.0	0.370087	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

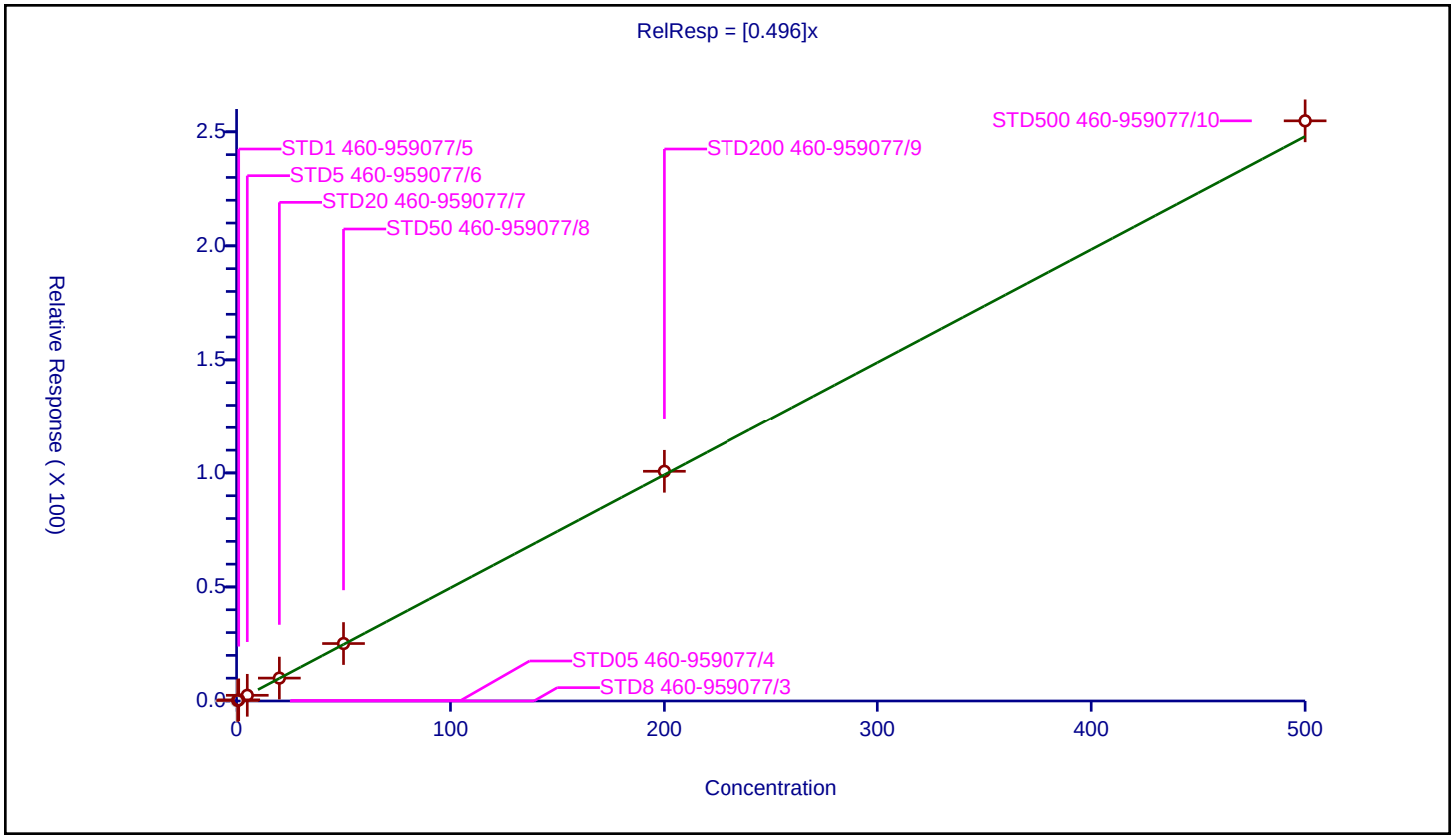
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5	0.226367	50.0	572301.0	0.452734	Y
3	STD1 460-959077/5	1.0	0.501316	50.0	554640.0	0.501316	Y
4	STD5 460-959077/6	5.0	2.493545	50.0	554592.0	0.498709	Y
5	STD20 460-959077/7	20.0	10.03755	50.0	561646.0	0.501878	Y
6	STD50 460-959077/8	50.0	25.196851	50.0	574292.0	0.503937	Y
7	STD200 460-959077/9	200.0	100.728828	50.0	585255.0	0.503644	Y
8	STD500 460-959077/10	500.0	254.817543	50.0	611432.0	0.509635	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

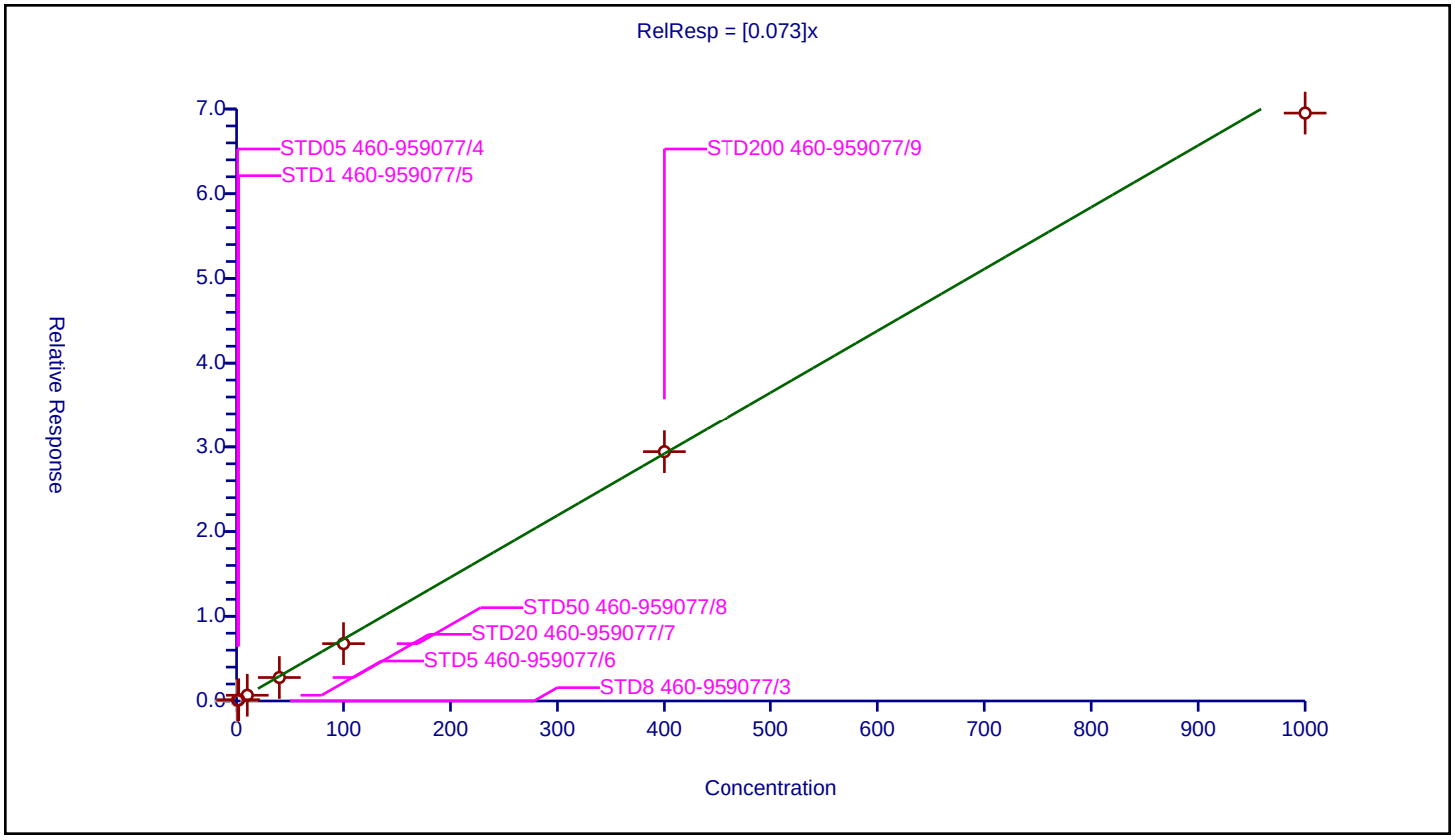
Curve Coefficients

Intercept:	0
Slope:	0.073

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	1.0	0.089638	50.0	572301.0	0.089638	Y
3	STD1 460-959077/5	2.0	0.146852	50.0	554640.0	0.073426	Y
4	STD5 460-959077/6	10.0	0.678697	50.0	554592.0	0.06787	Y
5	STD20 460-959077/7	40.0	2.77123	50.0	561646.0	0.069281	Y
6	STD50 460-959077/8	100.0	6.770423	50.0	574292.0	0.067704	Y
7	STD200 460-959077/9	400.0	29.43358	50.0	585255.0	0.073584	Y
8	STD500 460-959077/10	1000.0	69.519669	50.0	611432.0	0.06952	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

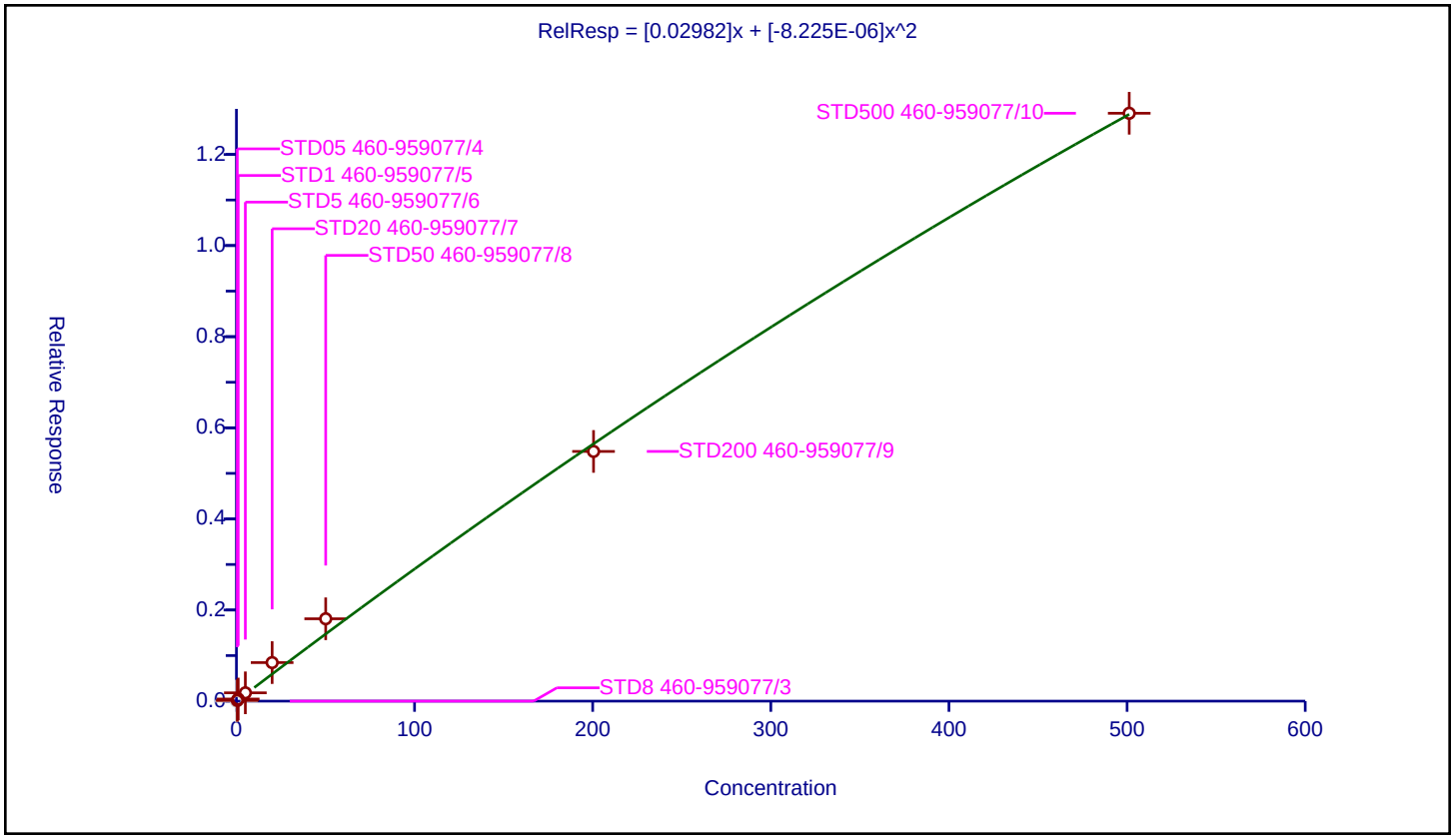
Curve Coefficients

Intercept:	0
Slope:	0.02982
Second Order:	-8.225E-06

Error Coefficients

Relative Standard Deviation:	34.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	574097.0	NaN	N
2	STD05 460-959077/4	0.5012	0.015639	50.0	572301.0	0.031202	Y
3	STD1 460-959077/5	1.0024	0.046427	50.0	554640.0	0.046315	Y
4	STD5 460-959077/6	5.012	0.182837	50.0	554592.0	0.03648	Y
5	STD20 460-959077/7	20.048	0.846441	50.0	561646.0	0.042221	Y
6	STD50 460-959077/8	50.12	1.807965	50.0	574292.0	0.036073	Y
7	STD200 460-959077/9	200.48	5.481286	50.0	585255.0	0.027341	Y
8	STD500 460-959077/10	501.2	12.904051	50.0	611432.0	0.025746	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

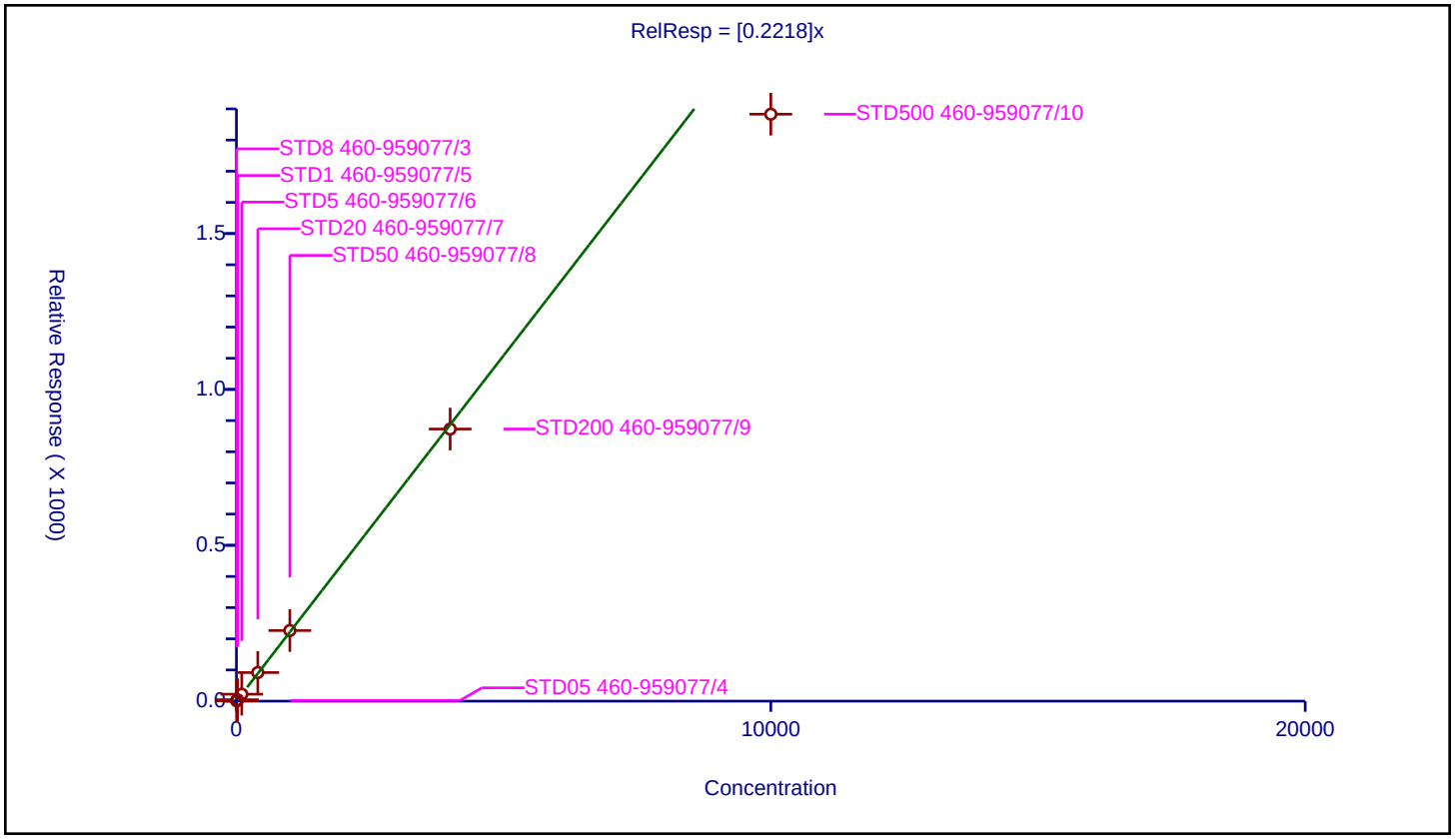
Curve Coefficients

Intercept:	0
Slope:	0.2218

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	5.000009	1.251656	250.0	342746.0	0.250331	Y
2	STD05 460-959077/4	10.000017	2.11369	250.0	343830.0	0.211369	Y
3	STD1 460-959077/5	20.000035	4.543333	250.0	338573.0	0.227166	Y
4	STD5 460-959077/6	100.000173	22.285429	250.0	335937.0	0.222854	Y
5	STD20 460-959077/7	400.000692	91.743952	250.0	360784.0	0.229359	Y
6	STD50 460-959077/8	1000.00173	226.524544	250.0	351974.0	0.226524	Y
7	STD200 460-959077/9	4000.00692	872.911452	250.0	366343.0	0.218227	Y
8	STD500 460-959077/10	10000.0173	1882.975884	250.0	348488.0	0.188297	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

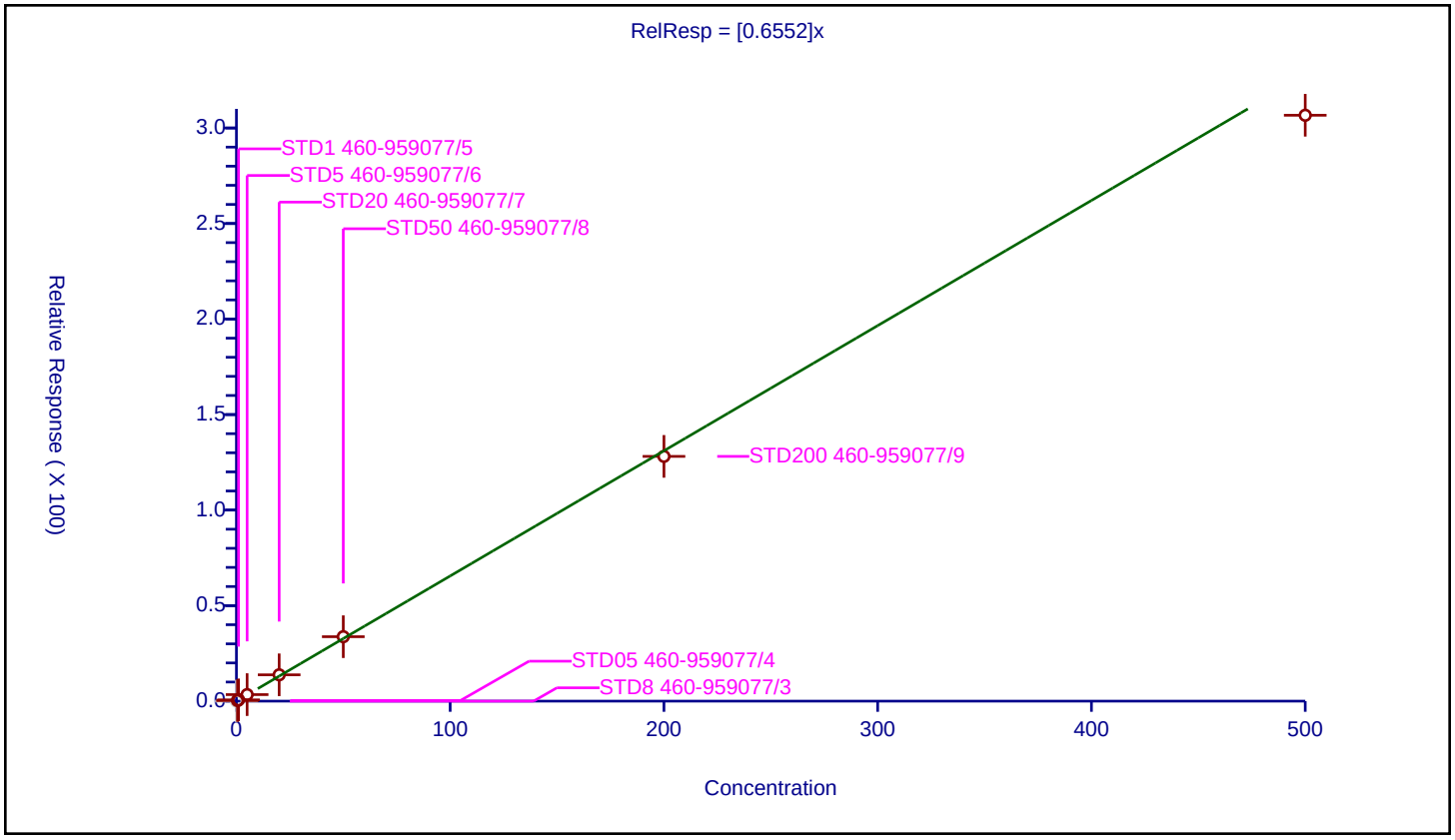
Curve Coefficients

Intercept:	0
Slope:	0.6552

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.309925	50.0	498830.0	0.61985	Y
3	STD1 460-959077/5	1.0	0.665729	50.0	486159.0	0.665729	Y
4	STD5 460-959077/6	5.0	3.415707	50.0	487454.0	0.683141	Y
5	STD20 460-959077/7	20.0	13.779209	50.0	504423.0	0.68896	Y
6	STD50 460-959077/8	50.0	33.735375	50.0	520759.0	0.674707	Y
7	STD200 460-959077/9	200.0	128.111331	50.0	559415.0	0.640557	Y
8	STD500 460-959077/10	500.0	306.669181	50.0	604482.0	0.613338	Y



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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

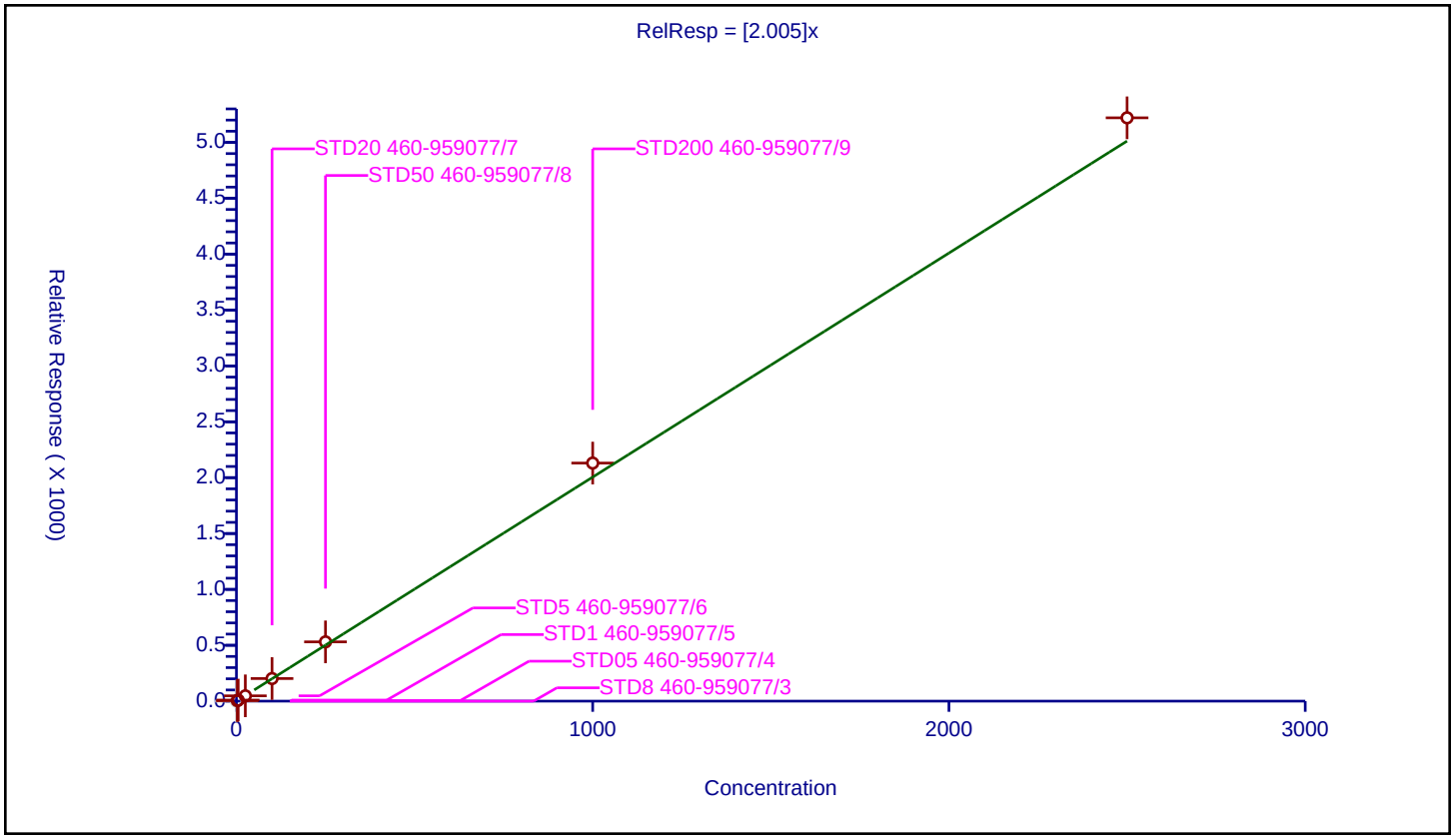
Curve Coefficients

Intercept:	0
Slope:	2.005

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	4.65419	250.0	343830.0	1.861676	Y
3	STD1 460-959077/5	5.0	9.529703	250.0	338573.0	1.905941	Y
4	STD5 460-959077/6	25.0	47.587792	250.0	335937.0	1.903512	Y
5	STD20 460-959077/7	100.0	202.346834	250.0	360784.0	2.023468	Y
6	STD50 460-959077/8	250.0	530.416309	250.0	351974.0	2.121665	Y
7	STD200 460-959077/9	1000.0	2130.372356	250.0	366343.0	2.130372	Y
8	STD500 460-959077/10	2500.0	5220.140292	250.0	348488.0	2.088056	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

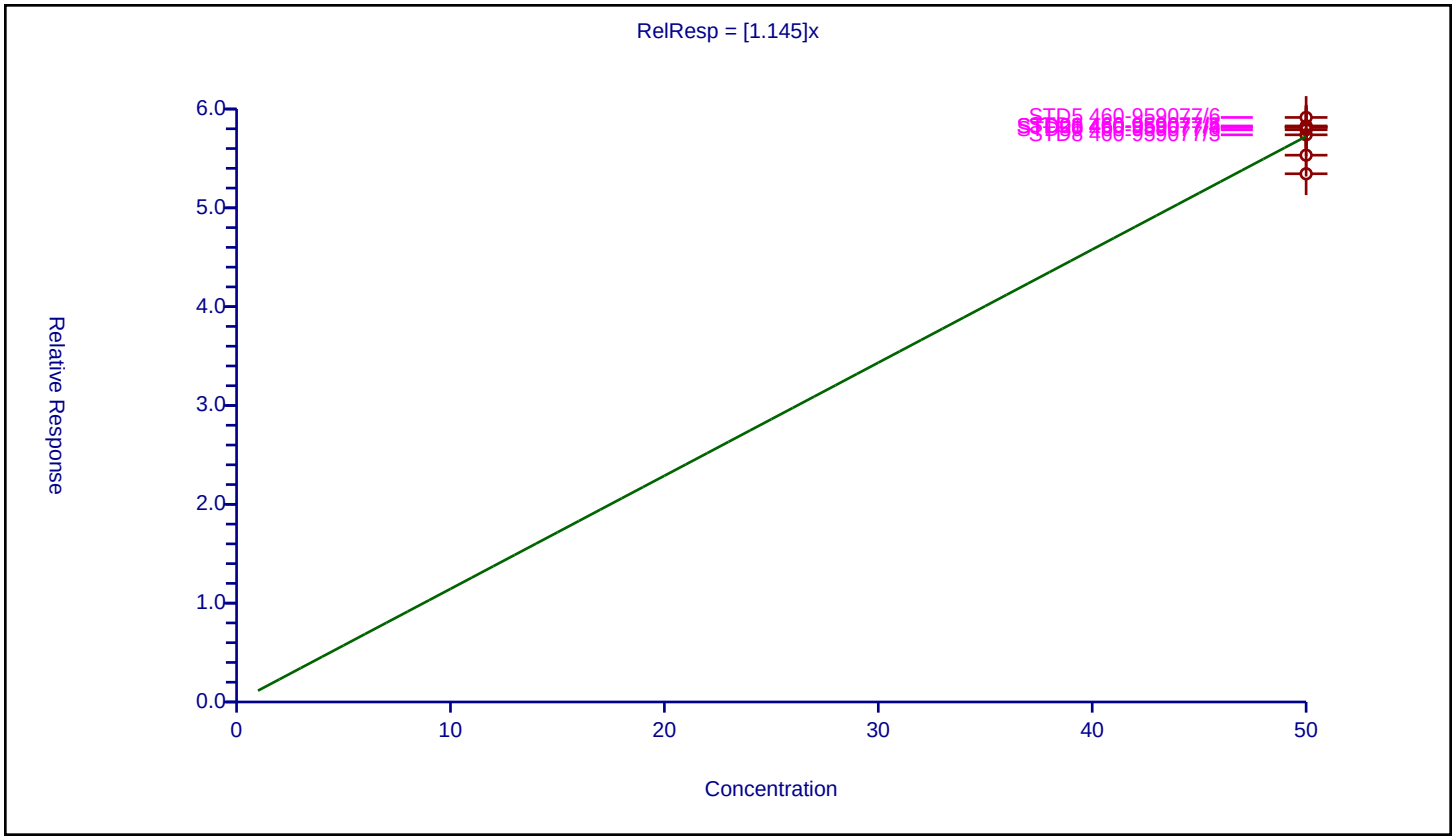
Curve Coefficients

Intercept:	0
Slope:	1.145

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	57.386948	50.0	509412.0	1.147739	Y
2	STD05 460-959077/4	50.0	58.150071	50.0	498830.0	1.163001	Y
3	STD1 460-959077/5	50.0	58.287309	50.0	486159.0	1.165746	Y
4	STD5 460-959077/6	50.0	59.148043	50.0	487454.0	1.182961	Y
5	STD20 460-959077/7	50.0	58.166459	50.0	504423.0	1.163329	Y
6	STD50 460-959077/8	50.0	57.900104	50.0	520759.0	1.158002	Y
7	STD200 460-959077/9	50.0	55.327977	50.0	559415.0	1.10656	Y
8	STD500 460-959077/10	50.0	53.449813	50.0	604482.0	1.068996	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

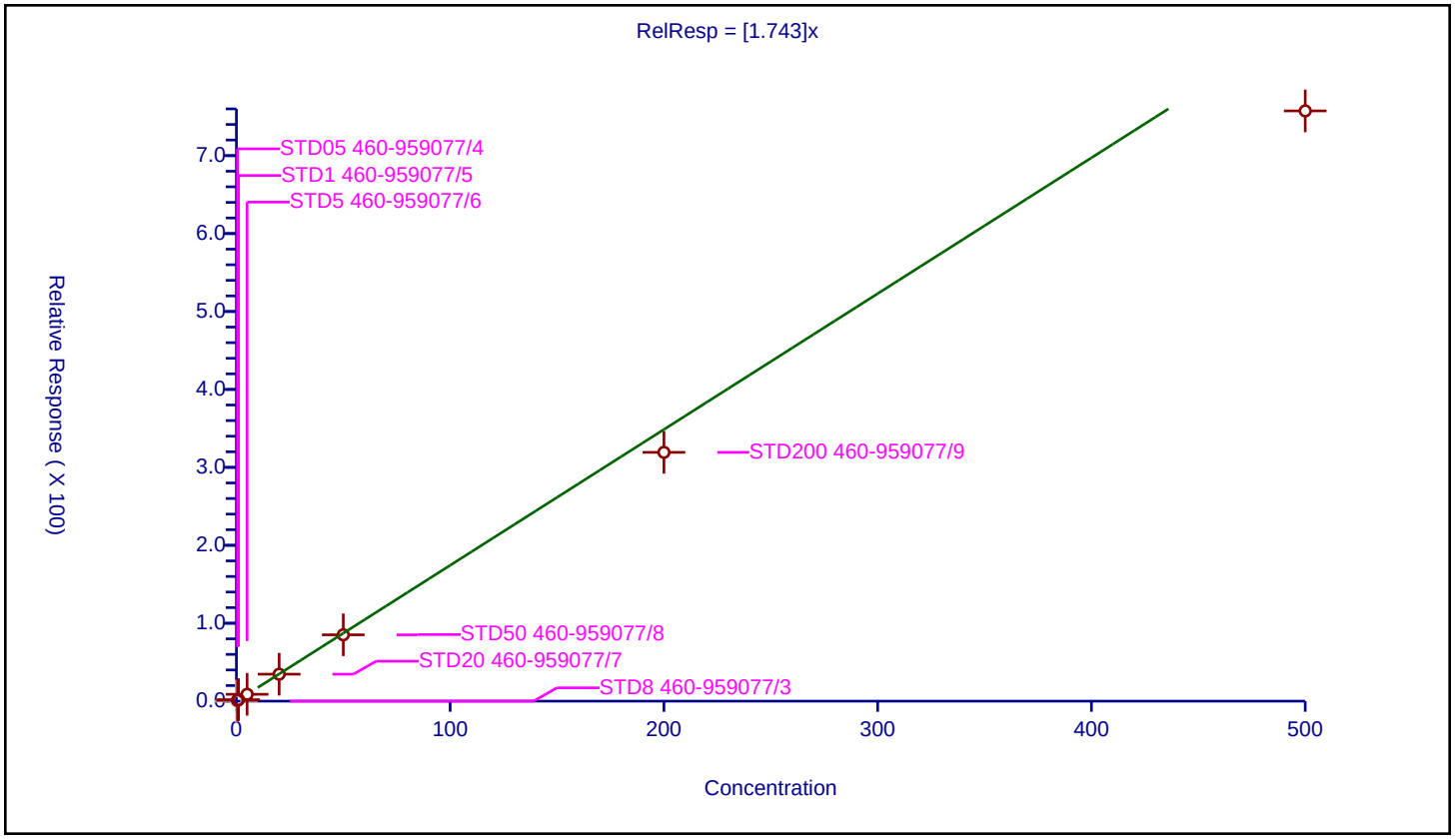
Curve Coefficients

Intercept:	0
Slope:	1.743

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.996031	50.0	498830.0	1.992061	Y
3	STD1 460-959077/5	1.0	1.905035	50.0	486159.0	1.905035	Y
4	STD5 460-959077/6	5.0	8.808626	50.0	487454.0	1.761725	Y
5	STD20 460-959077/7	20.0	34.591305	50.0	504423.0	1.729565	Y
6	STD50 460-959077/8	50.0	85.126901	50.0	520759.0	1.702538	Y
7	STD200 460-959077/9	200.0	319.284789	50.0	559415.0	1.596424	Y
8	STD500 460-959077/10	500.0	757.418583	50.0	604482.0	1.514837	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

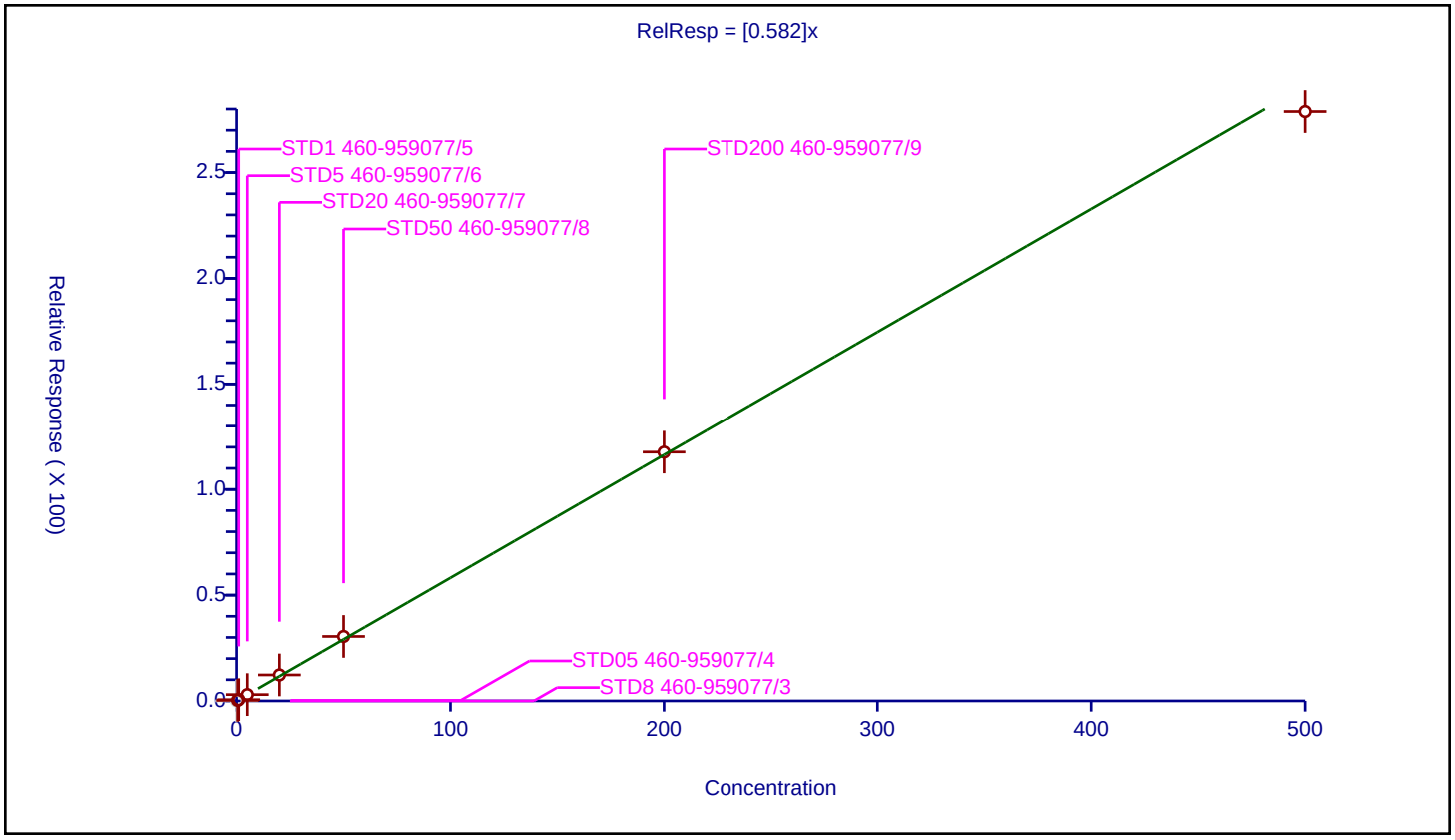
Curve Coefficients

Intercept:	0
Slope:	0.582

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.26081	50.0	498830.0	0.521621	Y
3	STD1 460-959077/5	1.0	0.587565	50.0	486159.0	0.587565	Y
4	STD5 460-959077/6	5.0	2.978948	50.0	487454.0	0.59579	Y
5	STD20 460-959077/7	20.0	12.266392	50.0	504423.0	0.61332	Y
6	STD50 460-959077/8	50.0	30.466684	50.0	520759.0	0.609334	Y
7	STD200 460-959077/9	200.0	117.685171	50.0	559415.0	0.588426	Y
8	STD500 460-959077/10	500.0	278.814423	50.0	604482.0	0.557629	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

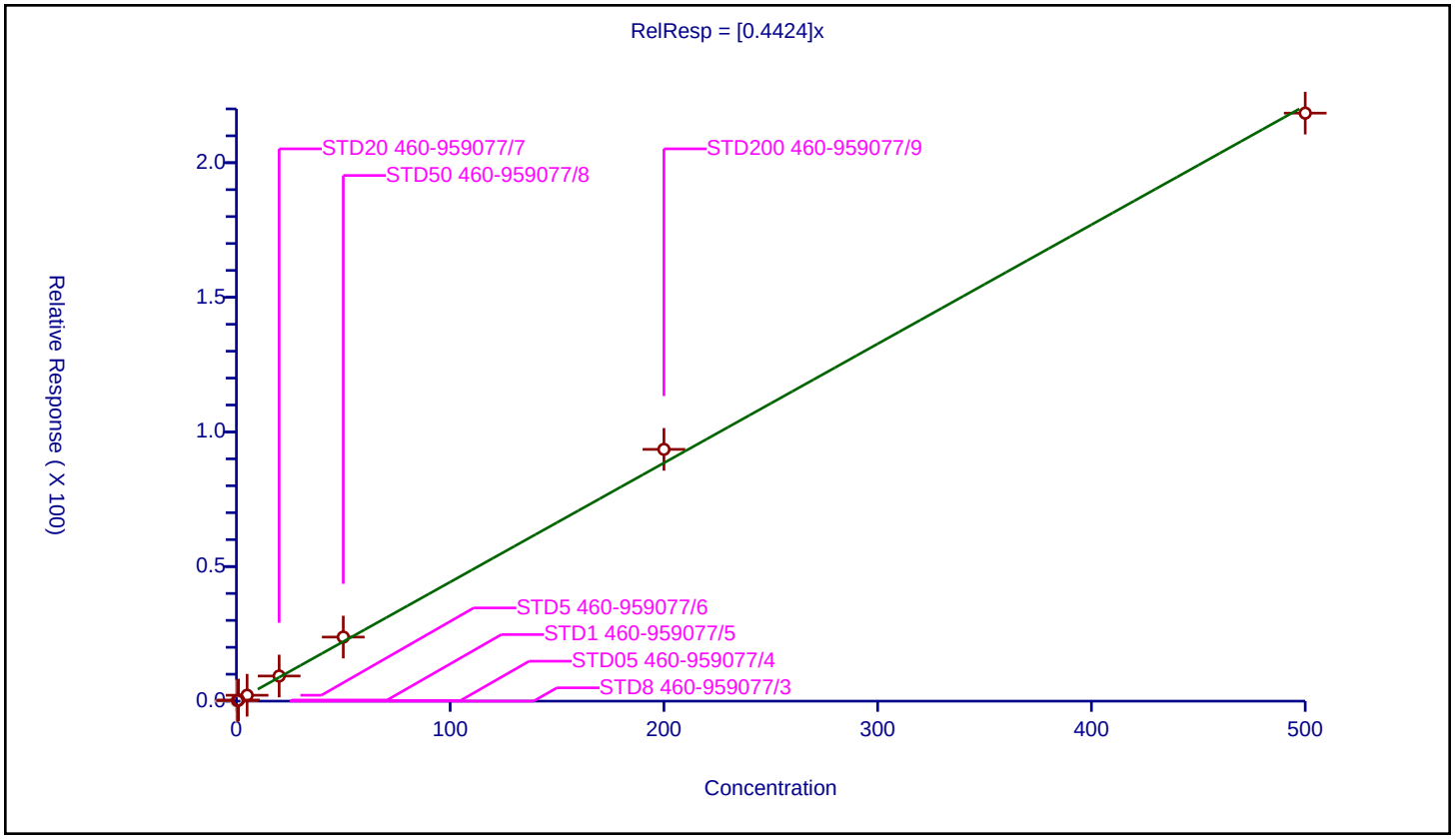
Curve Coefficients

Intercept:	0
Slope:	0.4424

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.20077	50.0	498830.0	0.40154	Y
3	STD1 460-959077/5	1.0	0.410462	50.0	486159.0	0.410462	Y
4	STD5 460-959077/6	5.0	2.18913	50.0	487454.0	0.437826	Y
5	STD20 460-959077/7	20.0	9.333932	50.0	504423.0	0.466697	Y
6	STD50 460-959077/8	50.0	23.795844	50.0	520759.0	0.475917	Y
7	STD200 460-959077/9	200.0	93.526899	50.0	559415.0	0.467634	Y
8	STD500 460-959077/10	500.0	218.430243	50.0	604482.0	0.43686	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

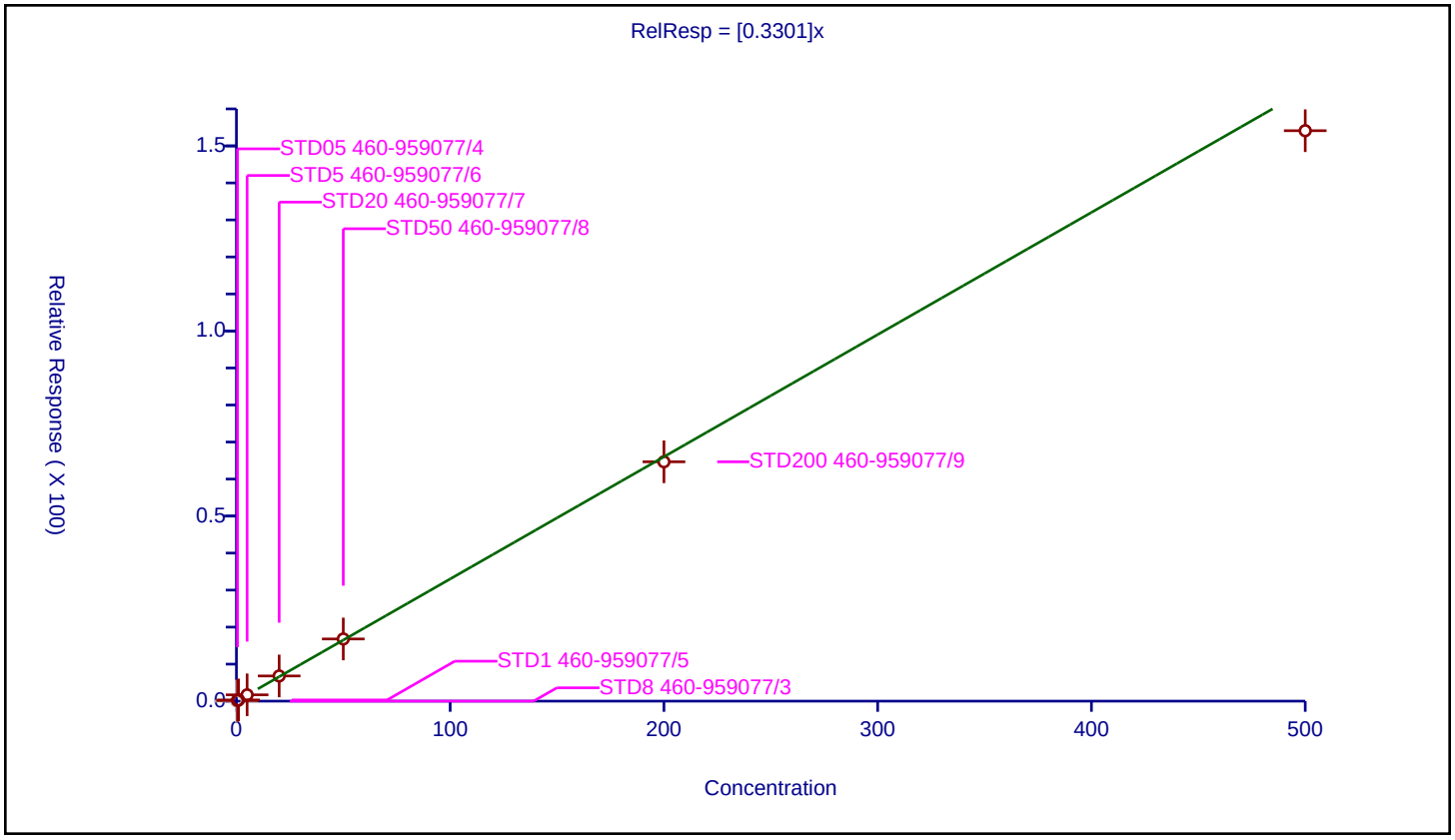
Curve Coefficients

Intercept:	0
Slope:	0.3301

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.170098	50.0	498830.0	0.340196	Y
3	STD1 460-959077/5	1.0	0.321603	50.0	486159.0	0.321603	Y
4	STD5 460-959077/6	5.0	1.705187	50.0	487454.0	0.341037	Y
5	STD20 460-959077/7	20.0	6.8053	50.0	504423.0	0.340265	Y
6	STD50 460-959077/8	50.0	16.795581	50.0	520759.0	0.335912	Y
7	STD200 460-959077/9	200.0	64.661119	50.0	559415.0	0.323306	Y
8	STD500 460-959077/10	500.0	154.106574	50.0	604482.0	0.308213	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

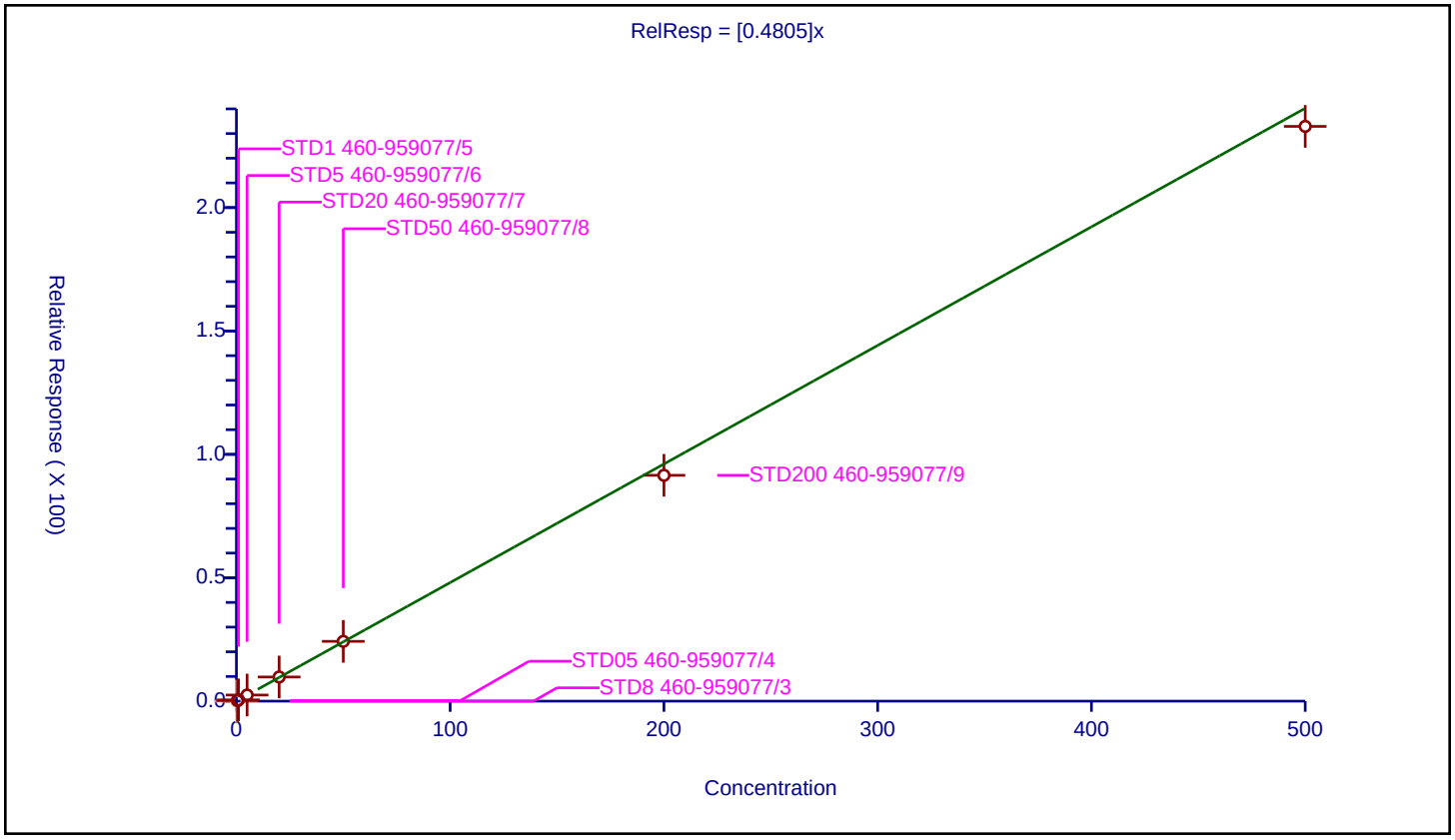
Curve Coefficients

Intercept:	0
Slope:	0.4805

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.228034	50.0	498830.0	0.456067	Y
3	STD1 460-959077/5	1.0	0.514955	50.0	486159.0	0.514955	Y
4	STD5 460-959077/6	5.0	2.4749	50.0	487454.0	0.49498	Y
5	STD20 460-959077/7	20.0	9.791584	50.0	504423.0	0.489579	Y
6	STD50 460-959077/8	50.0	24.225601	50.0	520759.0	0.484512	Y
7	STD200 460-959077/9	200.0	91.5215	50.0	559415.0	0.457608	Y
8	STD500 460-959077/10	500.0	232.909996	50.0	604482.0	0.46582	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

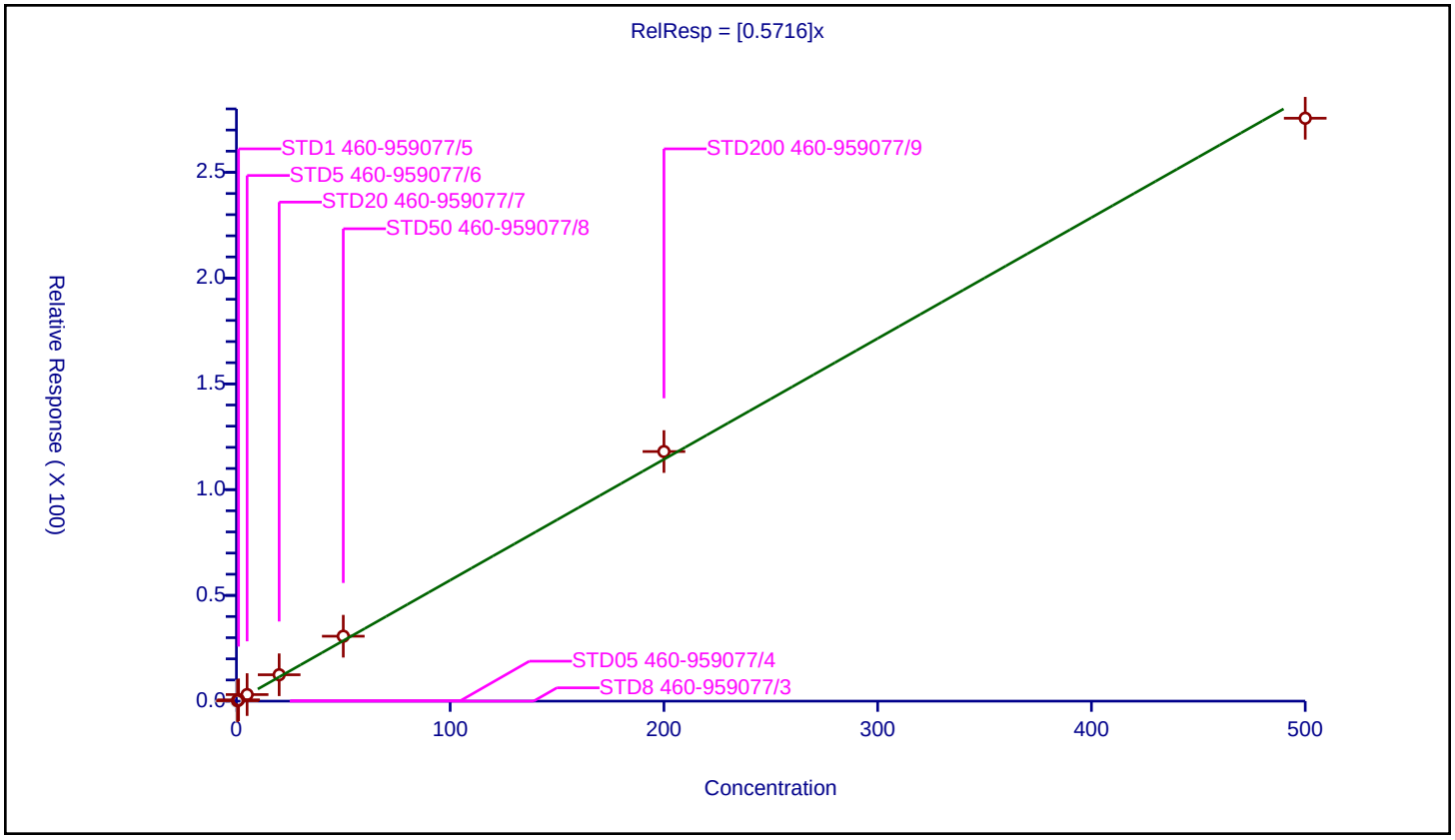
Curve Coefficients

Intercept:	0
Slope:	0.5716

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.197262	50.0	498830.0	0.394523	Y
3	STD1 460-959077/5	1.0	0.606797	50.0	486159.0	0.606797	Y
4	STD5 460-959077/6	5.0	3.105626	50.0	487454.0	0.621125	Y
5	STD20 460-959077/7	20.0	12.468107	50.0	504423.0	0.623405	Y
6	STD50 460-959077/8	50.0	30.697213	50.0	520759.0	0.613944	Y
7	STD200 460-959077/9	200.0	118.008277	50.0	559415.0	0.590041	Y
8	STD500 460-959077/10	500.0	275.581572	50.0	604482.0	0.551163	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

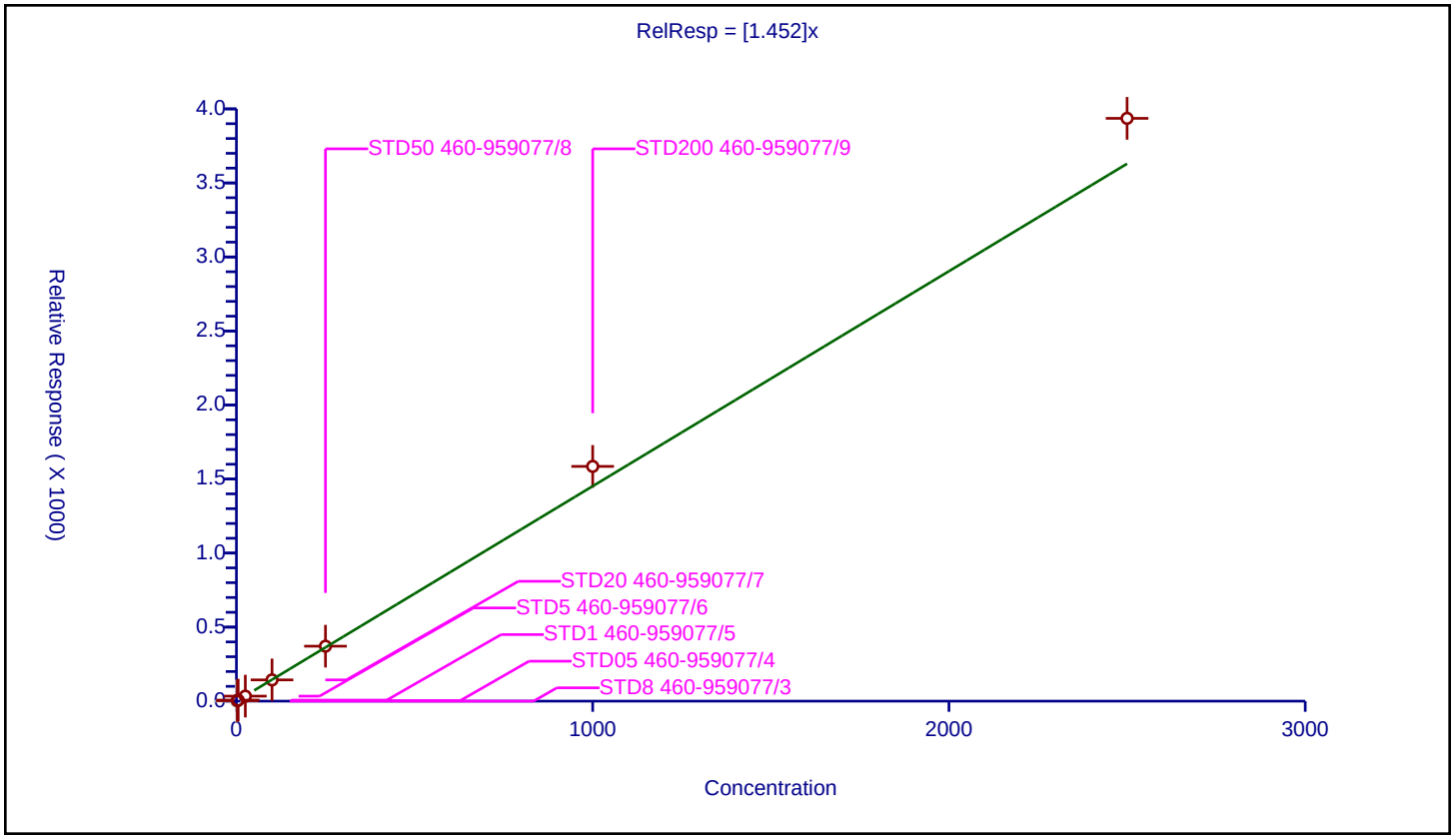
Curve Coefficients

Intercept:	0
Slope:	1.452

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	250.0	342746.0	NaN	N
2	STD05 460-959077/4	2.5	3.365035	250.0	343830.0	1.346014	Y
3	STD1 460-959077/5	5.0	6.915791	250.0	338573.0	1.383158	Y
4	STD5 460-959077/6	25.0	33.868702	250.0	335937.0	1.354748	Y
5	STD20 460-959077/7	100.0	143.454948	250.0	360784.0	1.434549	Y
6	STD50 460-959077/8	250.0	371.227704	250.0	351974.0	1.484911	Y
7	STD200 460-959077/9	1000.0	1585.351023	250.0	366343.0	1.585351	Y
8	STD500 460-959077/10	2500.0	3936.093208	250.0	348488.0	1.574437	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

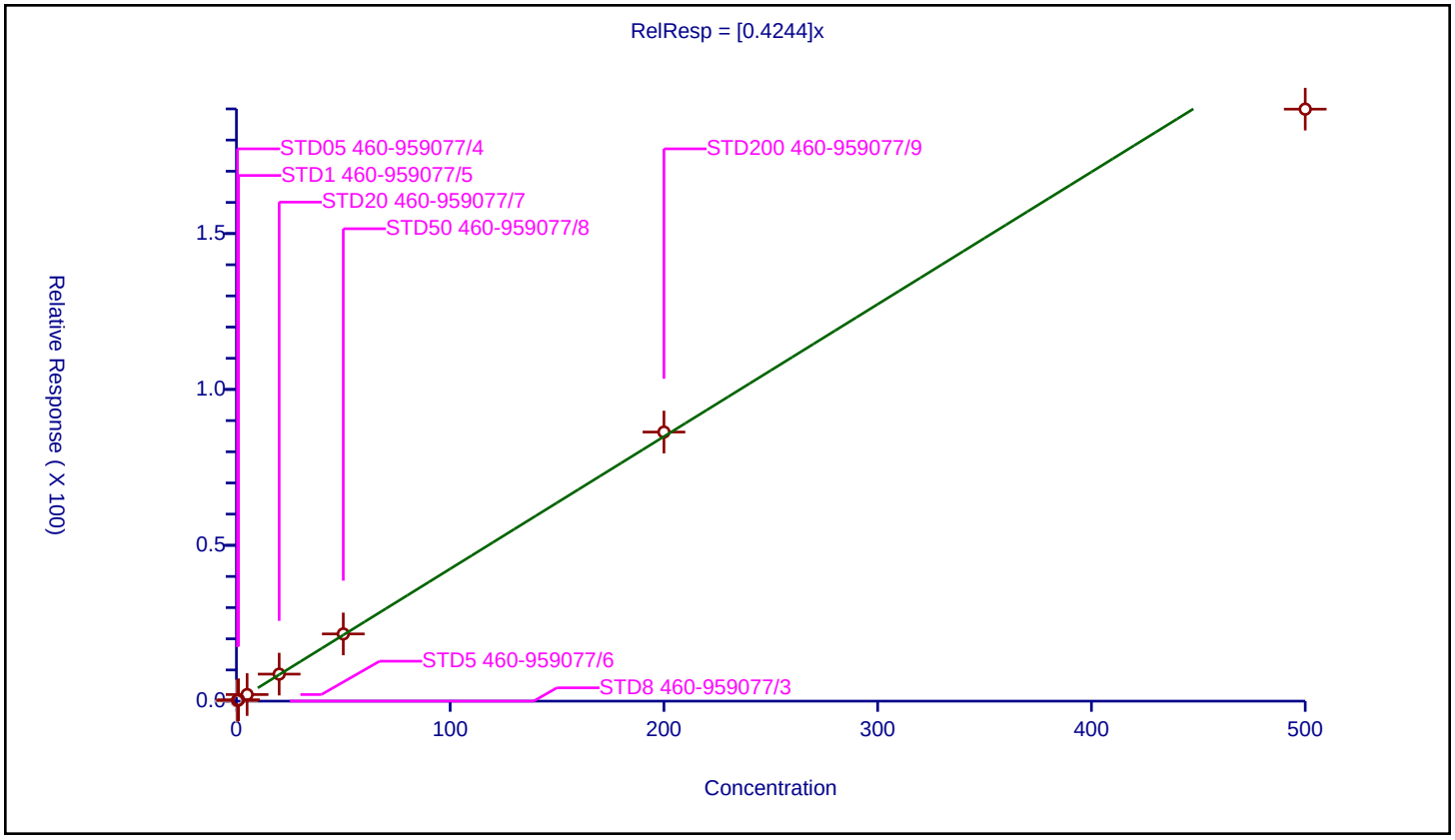
Curve Coefficients

Intercept:	0
Slope:	0.4244

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.213901	50.0	498830.0	0.427801	Y
3	STD1 460-959077/5	1.0	0.444196	50.0	486159.0	0.444196	Y
4	STD5 460-959077/6	5.0	2.113635	50.0	487454.0	0.422727	Y
5	STD20 460-959077/7	20.0	8.66941	50.0	504423.0	0.433471	Y
6	STD50 460-959077/8	50.0	21.56343	50.0	520759.0	0.431269	Y
7	STD200 460-959077/9	200.0	86.326252	50.0	559415.0	0.431631	Y
8	STD500 460-959077/10	500.0	189.922198	50.0	604482.0	0.379844	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

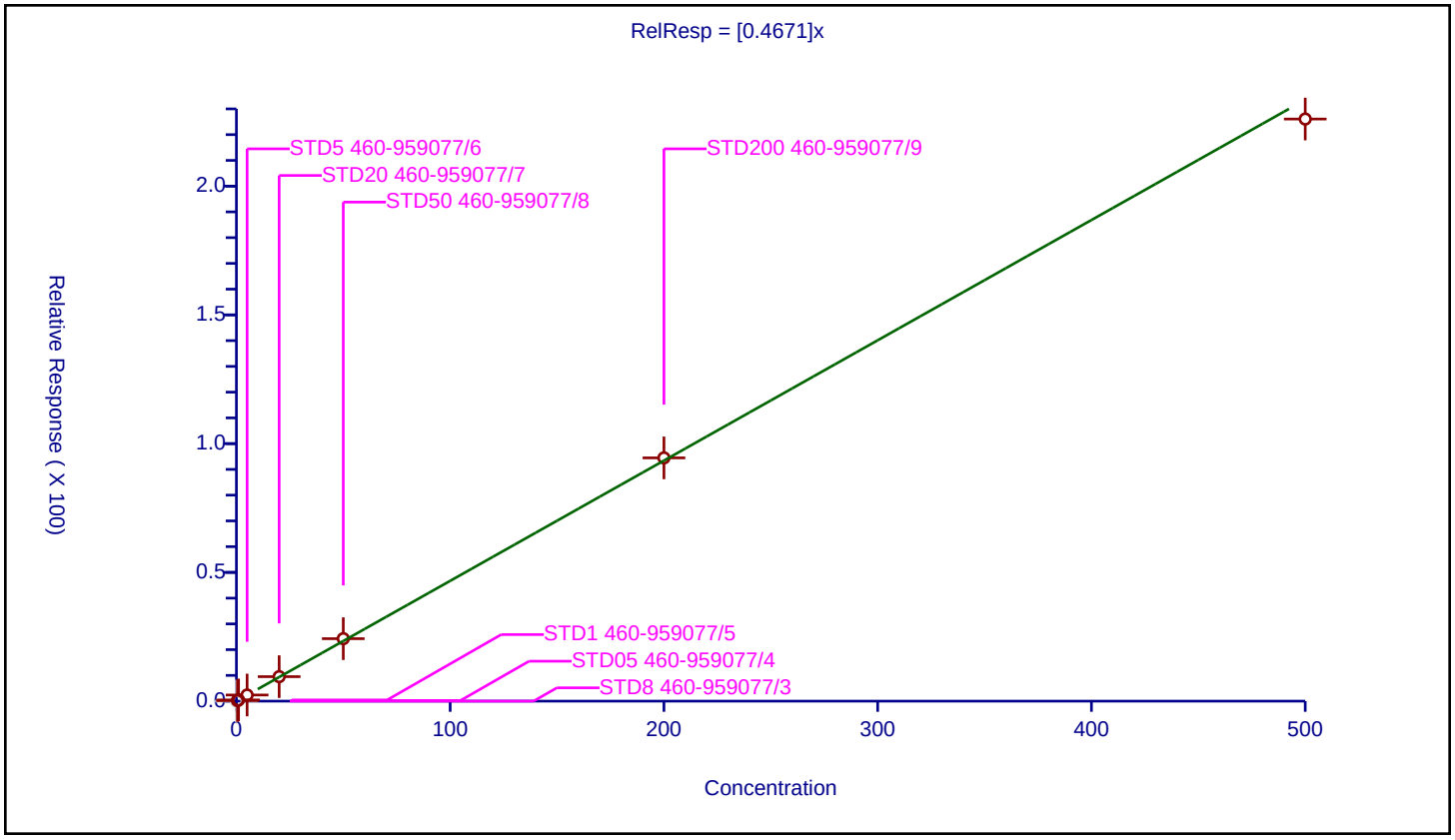
Curve Coefficients

Intercept:	0
Slope:	0.4671

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.225628	50.0	498830.0	0.451256	Y
3	STD1 460-959077/5	1.0	0.456949	50.0	486159.0	0.456949	Y
4	STD5 460-959077/6	5.0	2.382173	50.0	487454.0	0.476435	Y
5	STD20 460-959077/7	20.0	9.505613	50.0	504423.0	0.475281	Y
6	STD50 460-959077/8	50.0	24.264583	50.0	520759.0	0.485292	Y
7	STD200 460-959077/9	200.0	94.475032	50.0	559415.0	0.472375	Y
8	STD500 460-959077/10	500.0	226.058592	50.0	604482.0	0.452117	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

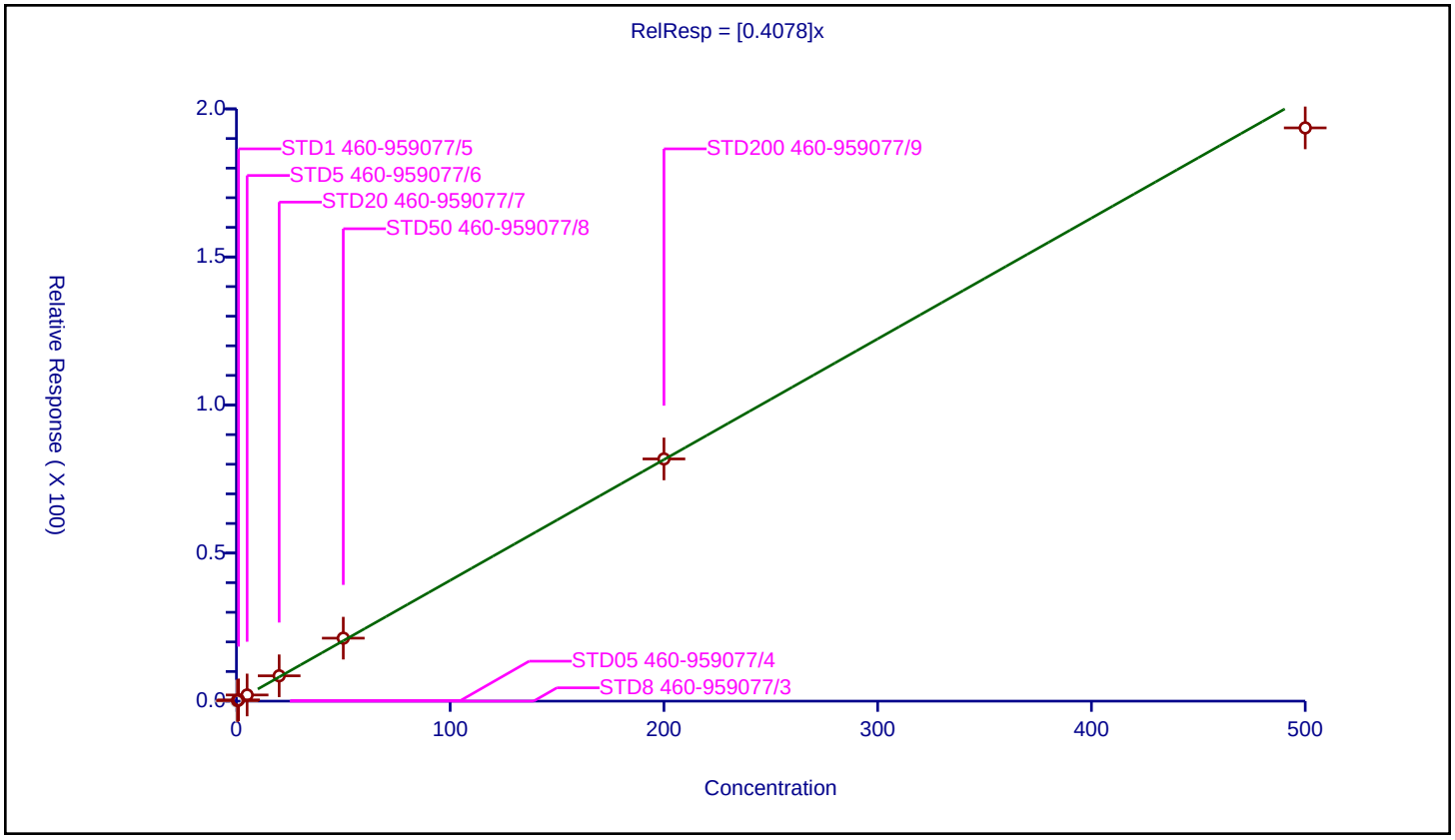
Curve Coefficients

Intercept:	0
Slope:	0.4078

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.183129	50.0	498830.0	0.366257	Y
3	STD1 460-959077/5	1.0	0.421981	50.0	486159.0	0.421981	Y
4	STD5 460-959077/6	5.0	2.084299	50.0	487454.0	0.41686	Y
5	STD20 460-959077/7	20.0	8.56097	50.0	504423.0	0.428048	Y
6	STD50 460-959077/8	50.0	21.263963	50.0	520759.0	0.425279	Y
7	STD200 460-959077/9	200.0	81.790978	50.0	559415.0	0.408955	Y
8	STD500 460-959077/10	500.0	193.58459	50.0	604482.0	0.387169	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

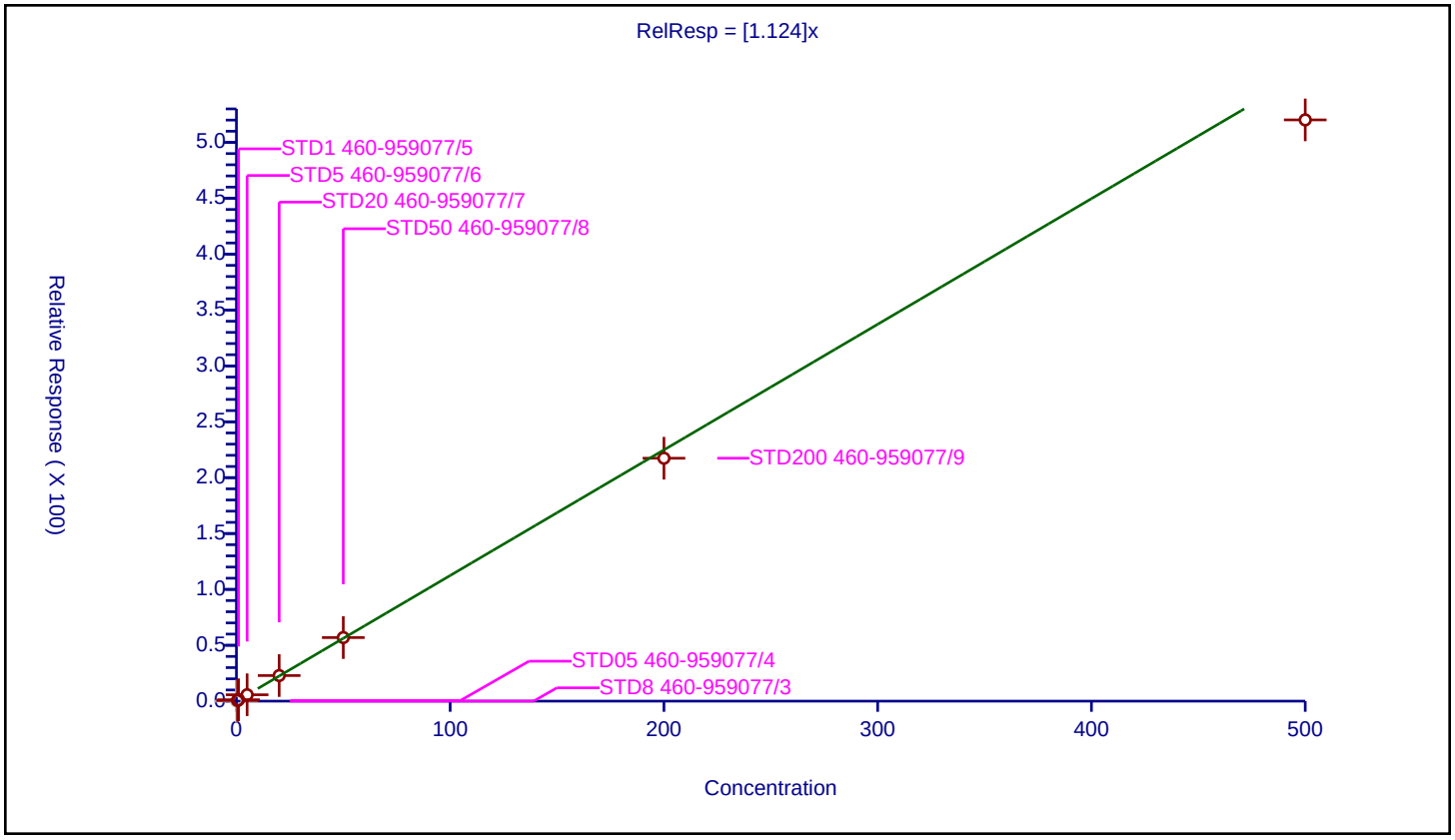
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.543271	50.0	498830.0	1.086543	Y
3	STD1 460-959077/5	1.0	1.229639	50.0	486159.0	1.229639	Y
4	STD5 460-959077/6	5.0	5.717668	50.0	487454.0	1.143534	Y
5	STD20 460-959077/7	20.0	22.89398	50.0	504423.0	1.144699	Y
6	STD50 460-959077/8	50.0	56.874773	50.0	520759.0	1.137495	Y
7	STD200 460-959077/9	200.0	217.388433	50.0	559415.0	1.086942	Y
8	STD500 460-959077/10	500.0	520.165117	50.0	604482.0	1.04033	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

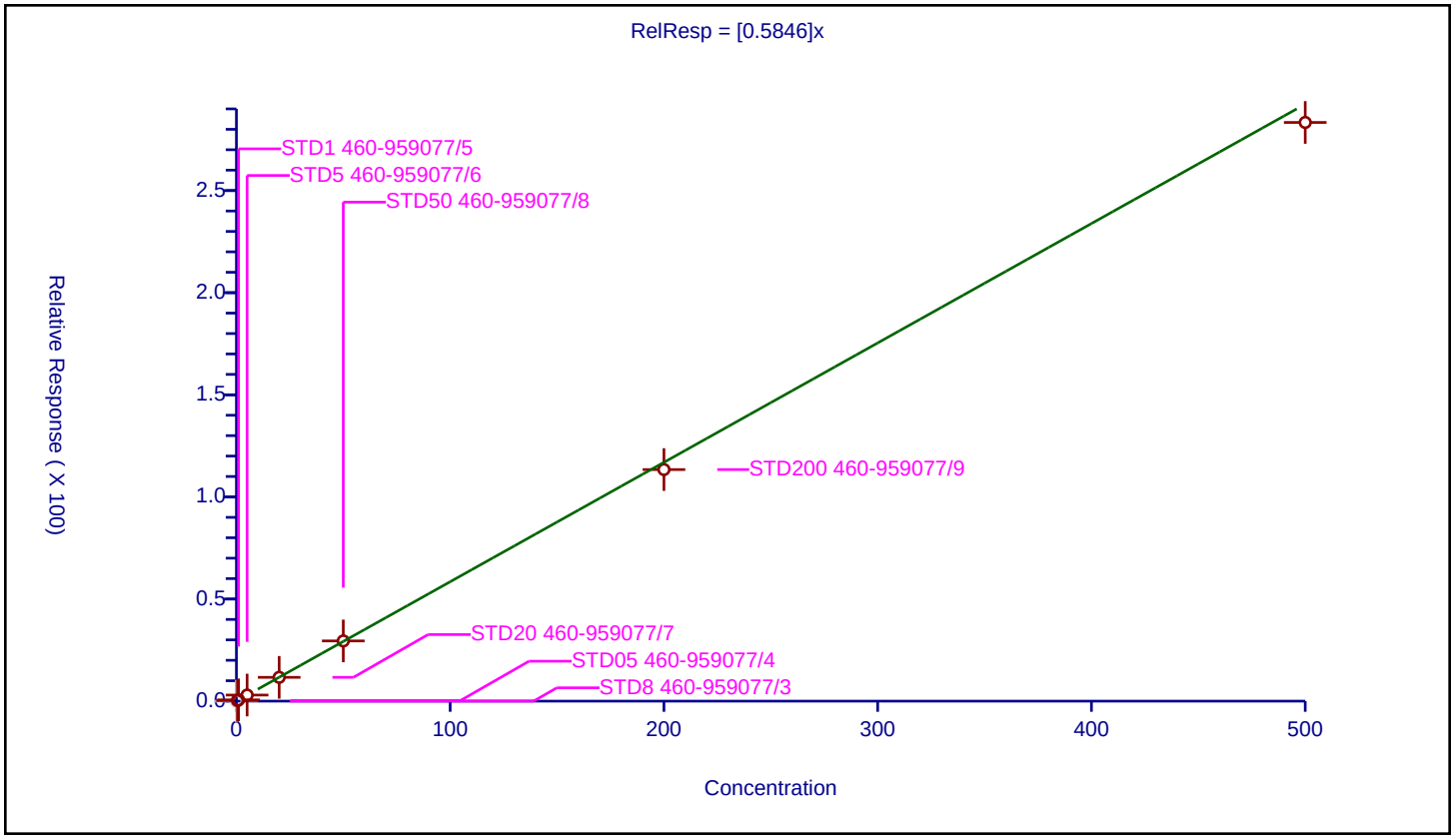
Curve Coefficients

Intercept:	0
Slope:	0.5846

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.285869	50.0	498830.0	0.571738	Y
3	STD1 460-959077/5	1.0	0.618625	50.0	486159.0	0.618625	Y
4	STD5 460-959077/6	5.0	2.982025	50.0	487454.0	0.596405	Y
5	STD20 460-959077/7	20.0	11.650638	50.0	504423.0	0.582532	Y
6	STD50 460-959077/8	50.0	29.476783	50.0	520759.0	0.589536	Y
7	STD200 460-959077/9	200.0	113.393545	50.0	559415.0	0.566968	Y
8	STD500 460-959077/10	500.0	283.36369	50.0	604482.0	0.566727	Y



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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

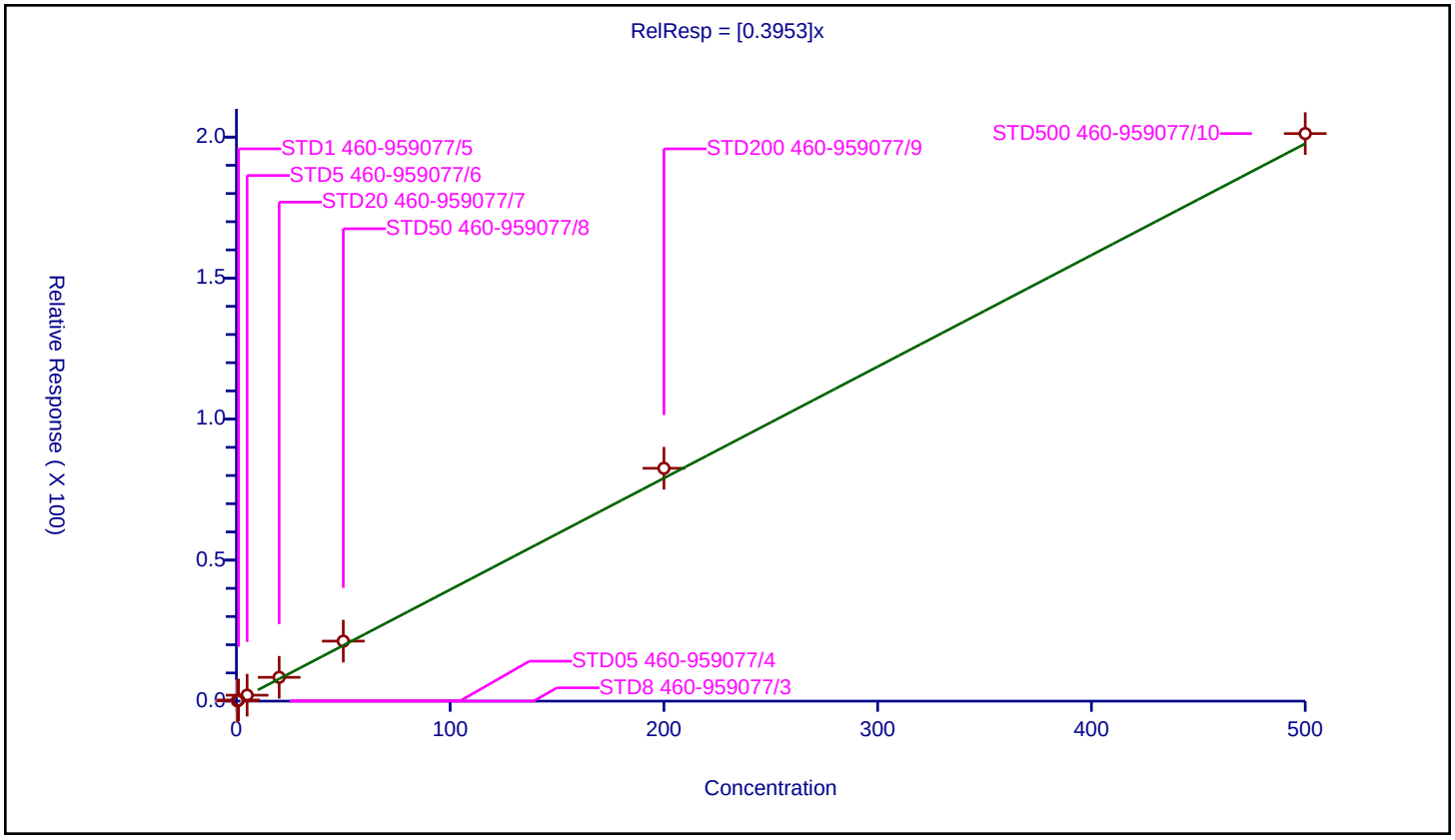
Curve Coefficients

Intercept:	0
Slope:	0.3953

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.139727	50.0	498830.0	0.279454	Y
3	STD1 460-959077/5	1.0	0.40316	50.0	486159.0	0.40316	Y
4	STD5 460-959077/6	5.0	2.107071	50.0	487454.0	0.421414	Y
5	STD20 460-959077/7	20.0	8.446582	50.0	504423.0	0.422329	Y
6	STD50 460-959077/8	50.0	21.286334	50.0	520759.0	0.425727	Y
7	STD200 460-959077/9	200.0	82.570542	50.0	559415.0	0.412853	Y
8	STD500 460-959077/10	500.0	201.246687	50.0	604482.0	0.402493	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

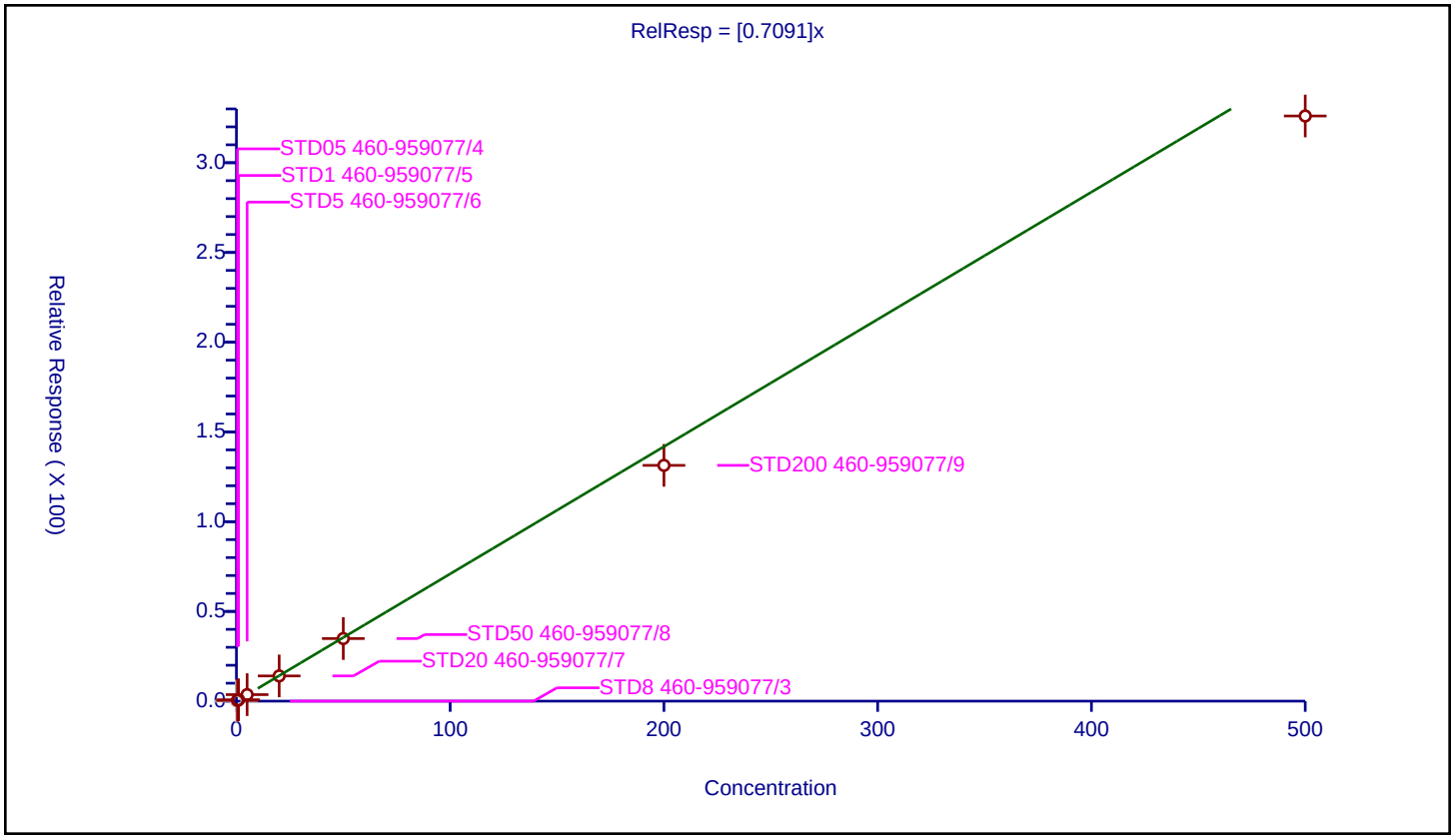
Curve Coefficients

Intercept:	0
Slope:	0.7091

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.386103	50.0	498830.0	0.772207	Y
3	STD1 460-959077/5	1.0	0.75716	50.0	486159.0	0.75716	Y
4	STD5 460-959077/6	5.0	3.628137	50.0	487454.0	0.725627	Y
5	STD20 460-959077/7	20.0	14.048229	50.0	504423.0	0.702411	Y
6	STD50 460-959077/8	50.0	34.872561	50.0	520759.0	0.697451	Y
7	STD200 460-959077/9	200.0	131.373488	50.0	559415.0	0.656867	Y
8	STD500 460-959077/10	500.0	326.0576	50.0	604482.0	0.652115	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

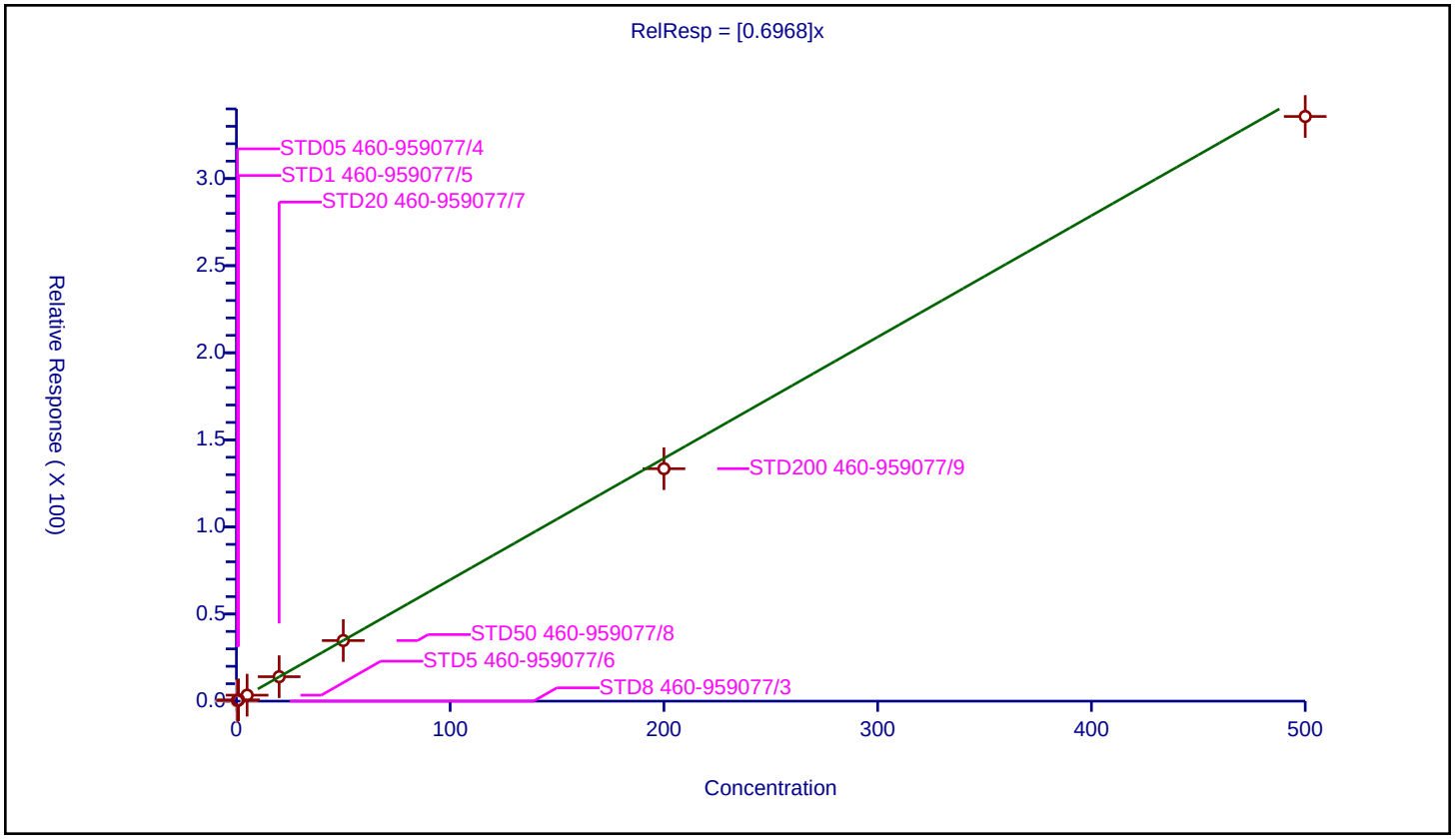
Curve Coefficients

Intercept:	0
Slope:	0.6968

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.354028	50.0	498830.0	0.708057	Y
3	STD1 460-959077/5	1.0	0.746361	50.0	486159.0	0.746361	Y
4	STD5 460-959077/6	5.0	3.438376	50.0	487454.0	0.687675	Y
5	STD20 460-959077/7	20.0	14.027711	50.0	504423.0	0.701386	Y
6	STD50 460-959077/8	50.0	34.783748	50.0	520759.0	0.695675	Y
7	STD200 460-959077/9	200.0	133.451463	50.0	559415.0	0.667257	Y
8	STD500 460-959077/10	500.0	335.644817	50.0	604482.0	0.67129	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

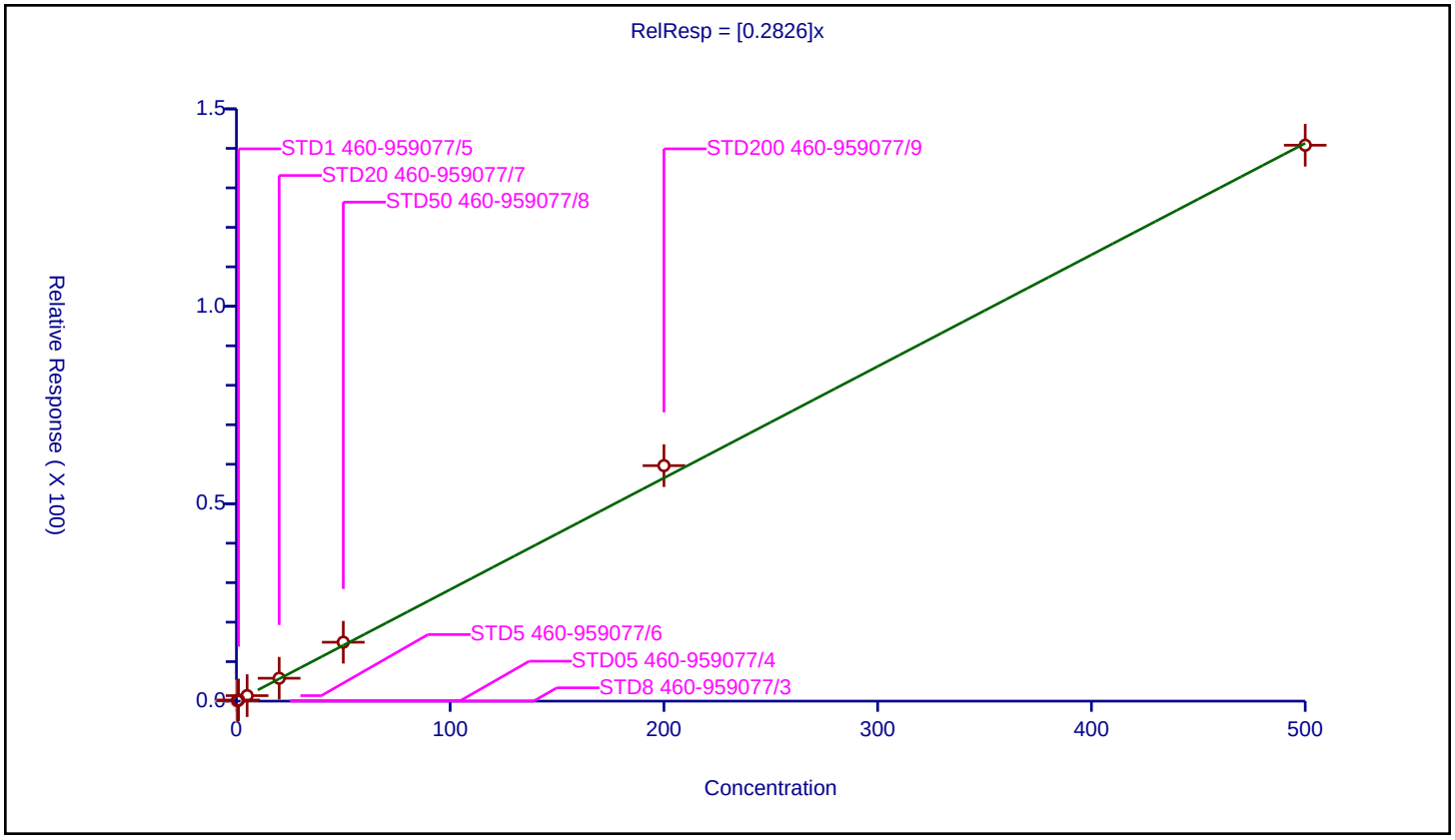
Curve Coefficients

Intercept:	0
Slope:	0.2826

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.121184	50.0	498830.0	0.242367	Y
3	STD1 460-959077/5	1.0	0.289	50.0	486159.0	0.289	Y
4	STD5 460-959077/6	5.0	1.392849	50.0	487454.0	0.27857	Y
5	STD20 460-959077/7	20.0	5.800588	50.0	504423.0	0.290029	Y
6	STD50 460-959077/8	50.0	14.917745	50.0	520759.0	0.298355	Y
7	STD200 460-959077/9	200.0	59.649545	50.0	559415.0	0.298248	Y
8	STD500 460-959077/10	500.0	140.80138	50.0	604482.0	0.281603	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

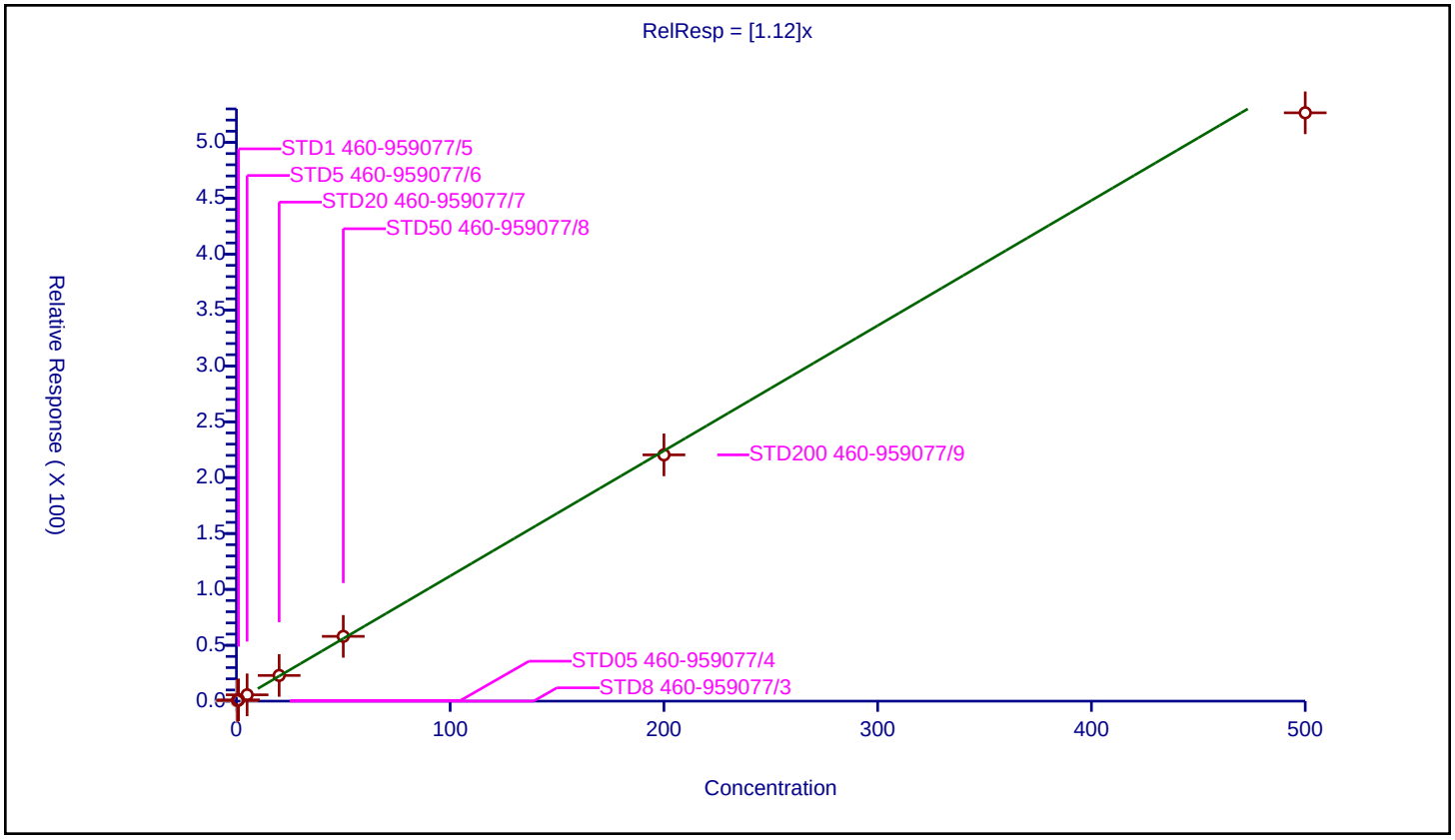
Curve Coefficients

Intercept:	0
Slope:	1.12

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.554898	50.0	498830.0	1.109797	Y
3	STD1 460-959077/5	1.0	1.136151	50.0	486159.0	1.136151	Y
4	STD5 460-959077/6	5.0	5.653662	50.0	487454.0	1.130732	Y
5	STD20 460-959077/7	20.0	22.999348	50.0	504423.0	1.149967	Y
6	STD50 460-959077/8	50.0	57.986516	50.0	520759.0	1.15973	Y
7	STD200 460-959077/9	200.0	220.37861	50.0	559415.0	1.101893	Y
8	STD500 460-959077/10	500.0	526.503271	50.0	604482.0	1.053007	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

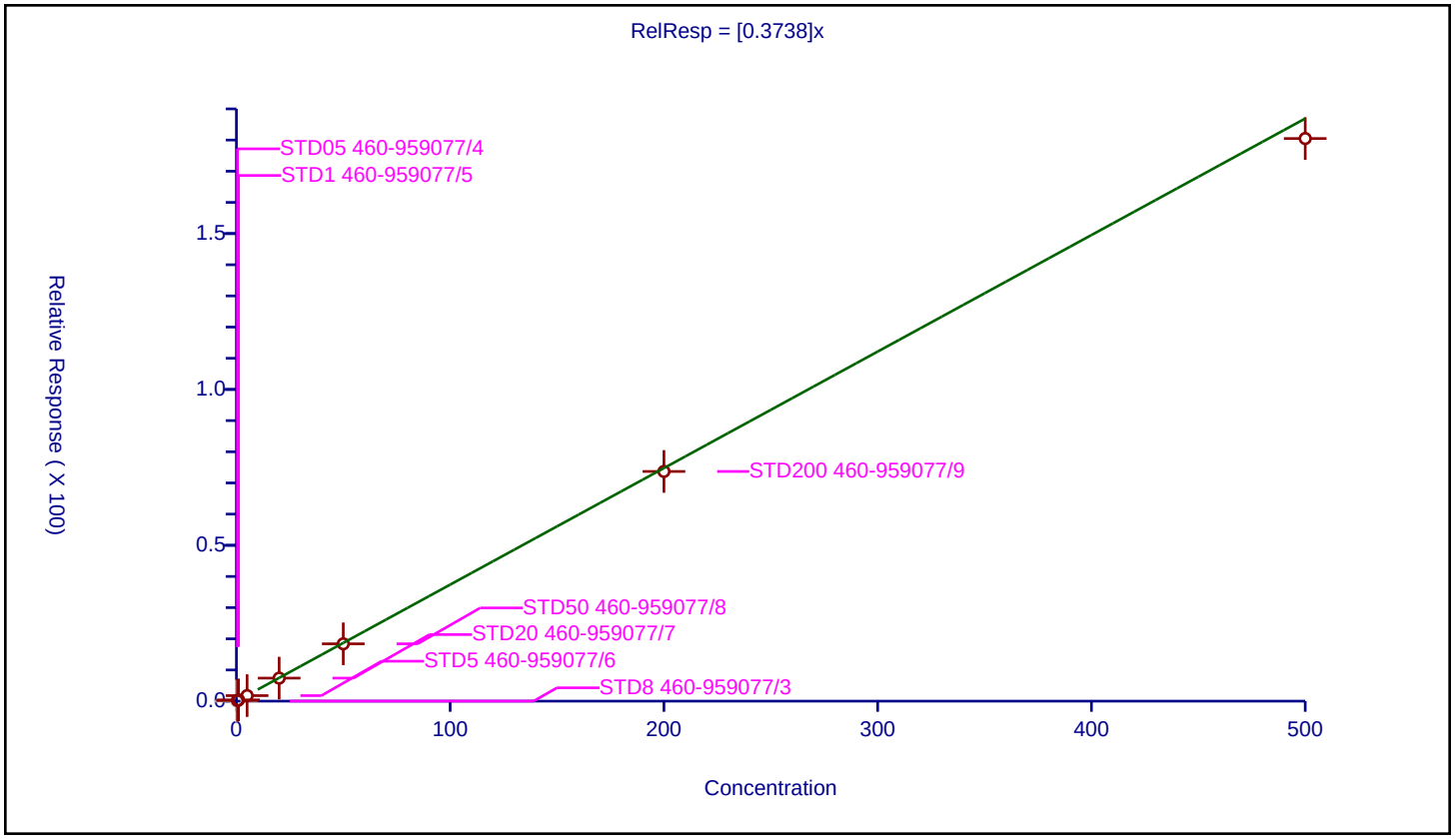
Curve Coefficients

Intercept:	0
Slope:	0.3738

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.20077	50.0	498830.0	0.40154	Y
3	STD1 460-959077/5	1.0	0.394007	50.0	486159.0	0.394007	Y
4	STD5 460-959077/6	5.0	1.77268	50.0	487454.0	0.354536	Y
5	STD20 460-959077/7	20.0	7.385567	50.0	504423.0	0.369278	Y
6	STD50 460-959077/8	50.0	18.392289	50.0	520759.0	0.367846	Y
7	STD200 460-959077/9	200.0	73.686351	50.0	559415.0	0.368432	Y
8	STD500 460-959077/10	500.0	180.494126	50.0	604482.0	0.360988	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

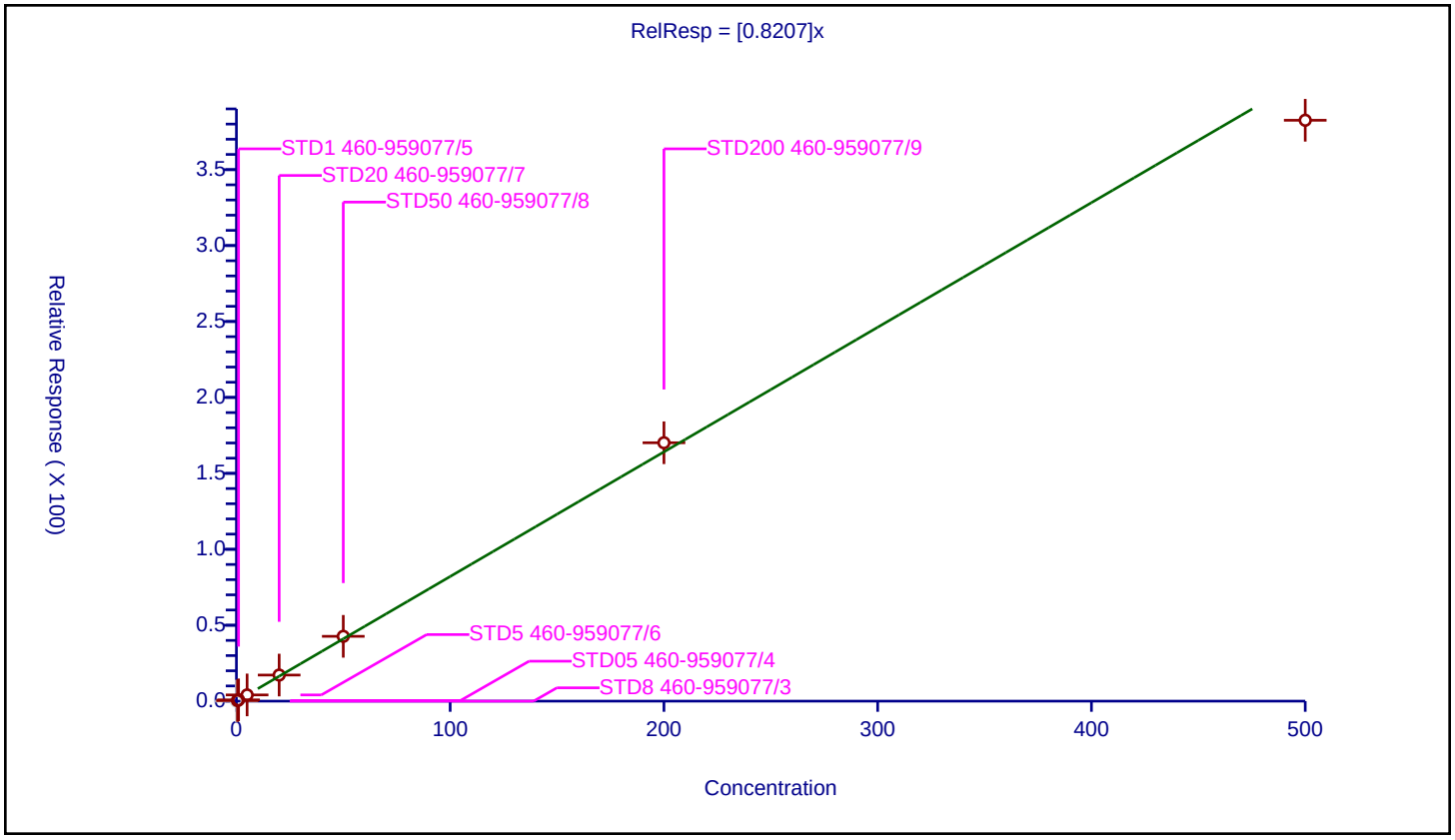
Curve Coefficients

Intercept:	0
Slope:	0.8207

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.385092	50.0	286295.0	0.770185	Y
3	STD1 460-959077/5	1.0	0.827156	50.0	279391.0	0.827156	Y
4	STD5 460-959077/6	5.0	4.093856	50.0	277831.0	0.818771	Y
5	STD20 460-959077/7	20.0	17.186094	50.0	283357.0	0.859305	Y
6	STD50 460-959077/8	50.0	42.671742	50.0	289912.0	0.853435	Y
7	STD200 460-959077/9	200.0	170.144038	50.0	299297.0	0.85072	Y
8	STD500 460-959077/10	500.0	382.510939	50.0	317204.0	0.765022	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

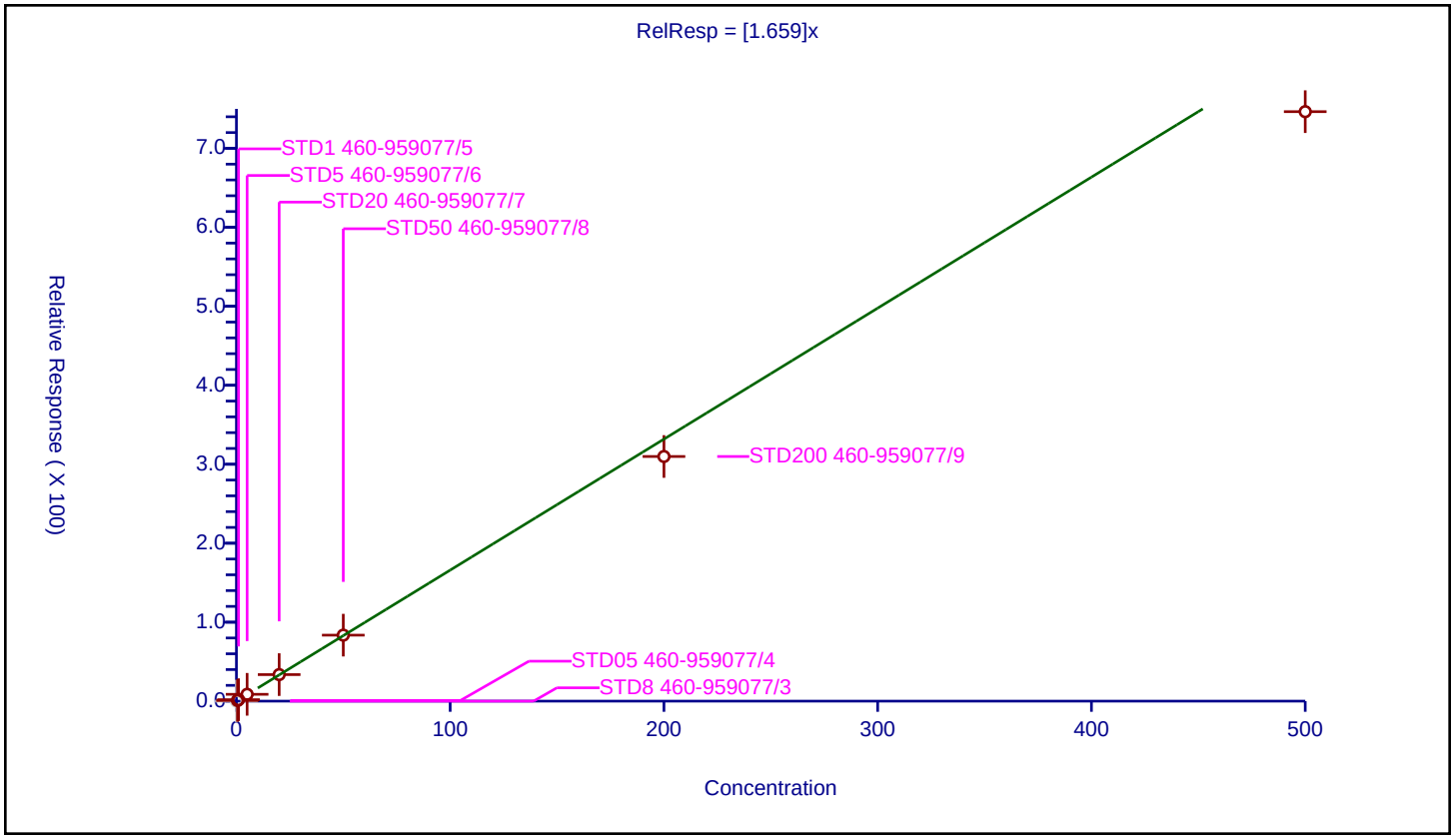
Curve Coefficients

Intercept:	0
Slope:	1.659

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	509412.0	NaN	N
2	STD05 460-959077/4	0.5	0.82914	50.0	498830.0	1.65828	Y
3	STD1 460-959077/5	1.0	1.829957	50.0	486159.0	1.829957	Y
4	STD5 460-959077/6	5.0	8.65415	50.0	487454.0	1.73083	Y
5	STD20 460-959077/7	20.0	33.605922	50.0	504423.0	1.680296	Y
6	STD50 460-959077/8	50.0	83.565911	50.0	520759.0	1.671318	Y
7	STD200 460-959077/9	200.0	309.808729	50.0	559415.0	1.549044	Y
8	STD500 460-959077/10	500.0	746.486248	50.0	604482.0	1.492972	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

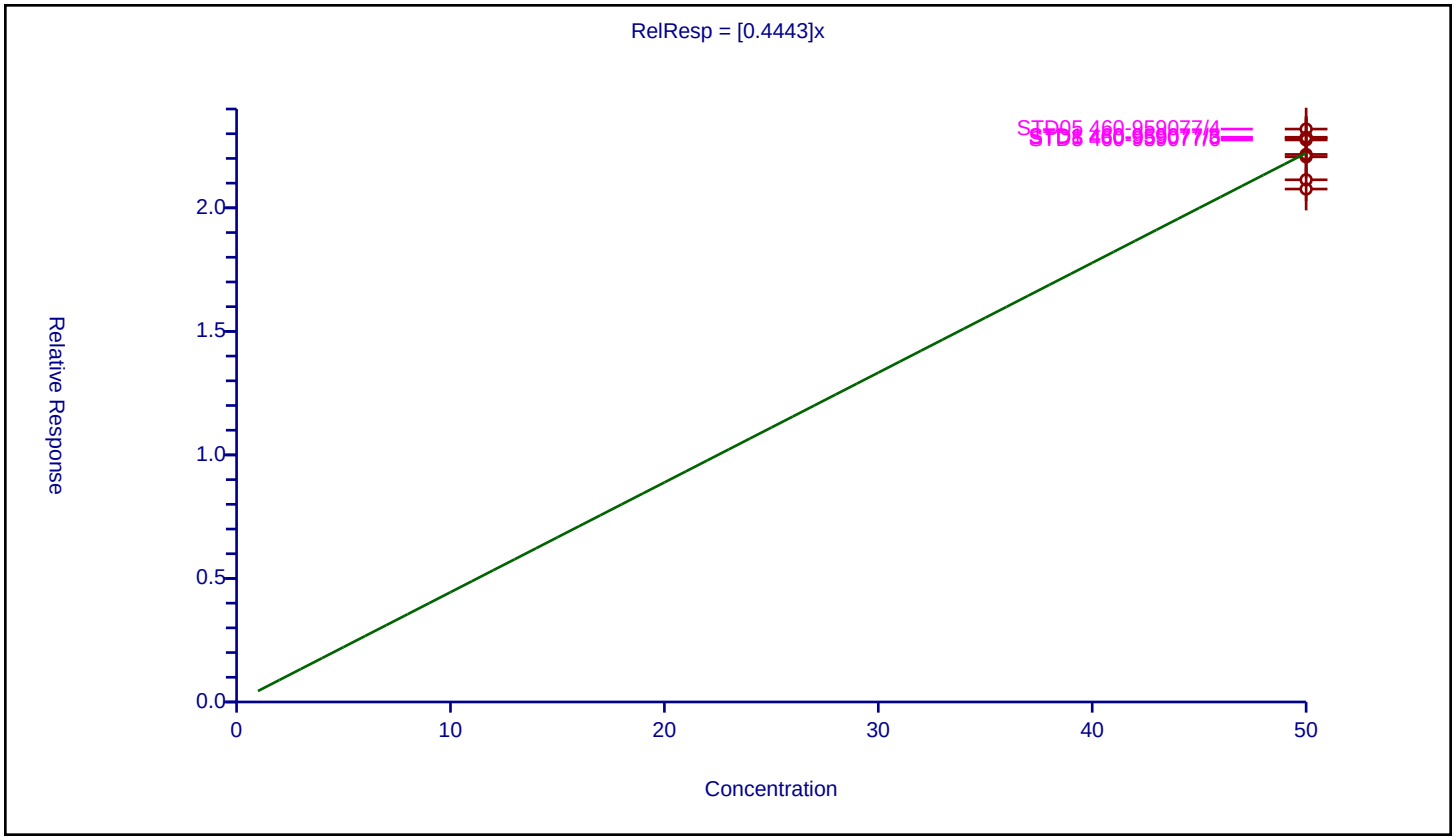
Curve Coefficients

Intercept:	0
Slope:	0.4443

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	50.0	22.819545	50.0	509412.0	0.456391	Y
2	STD05 460-959077/4	50.0	23.18796	50.0	498830.0	0.463759	Y
3	STD1 460-959077/5	50.0	22.856925	50.0	486159.0	0.457139	Y
4	STD5 460-959077/6	50.0	22.748095	50.0	487454.0	0.454962	Y
5	STD20 460-959077/7	50.0	22.064716	50.0	504423.0	0.441294	Y
6	STD50 460-959077/8	50.0	22.161691	50.0	520759.0	0.443234	Y
7	STD200 460-959077/9	50.0	21.135651	50.0	559415.0	0.422713	Y
8	STD500 460-959077/10	50.0	20.761081	50.0	604482.0	0.415222	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

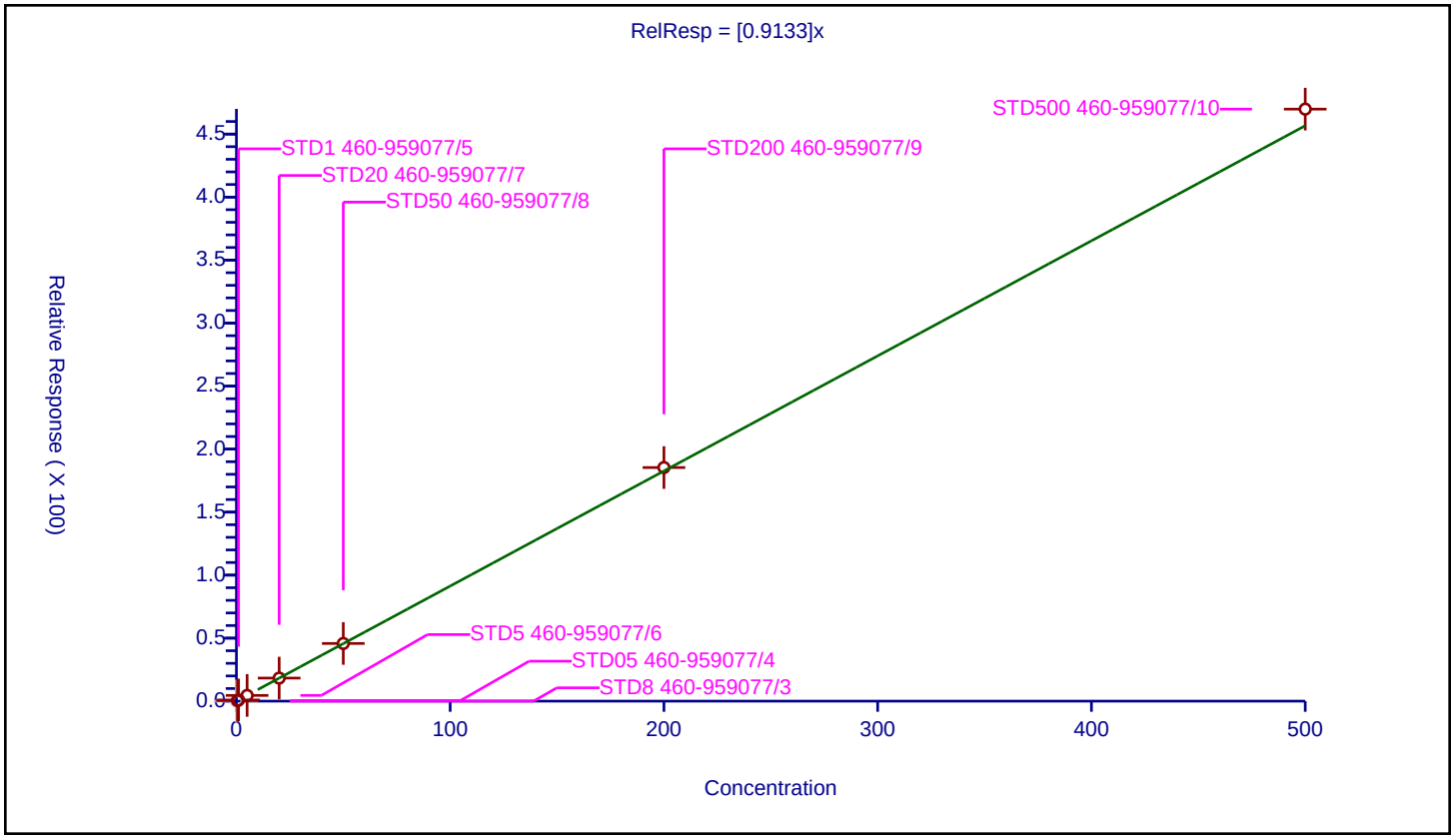
Curve Coefficients

Intercept:	0
Slope:	0.9133

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.436089	50.0	286295.0	0.872177	Y
3	STD1 460-959077/5	1.0	0.916279	50.0	279391.0	0.916279	Y
4	STD5 460-959077/6	5.0	4.53999	50.0	277831.0	0.907998	Y
5	STD20 460-959077/7	20.0	18.288943	50.0	283357.0	0.914447	Y
6	STD50 460-959077/8	50.0	45.770613	50.0	289912.0	0.915412	Y
7	STD200 460-959077/9	200.0	185.382246	50.0	299297.0	0.926911	Y
8	STD500 460-959077/10	500.0	469.818949	50.0	317204.0	0.939638	Y



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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

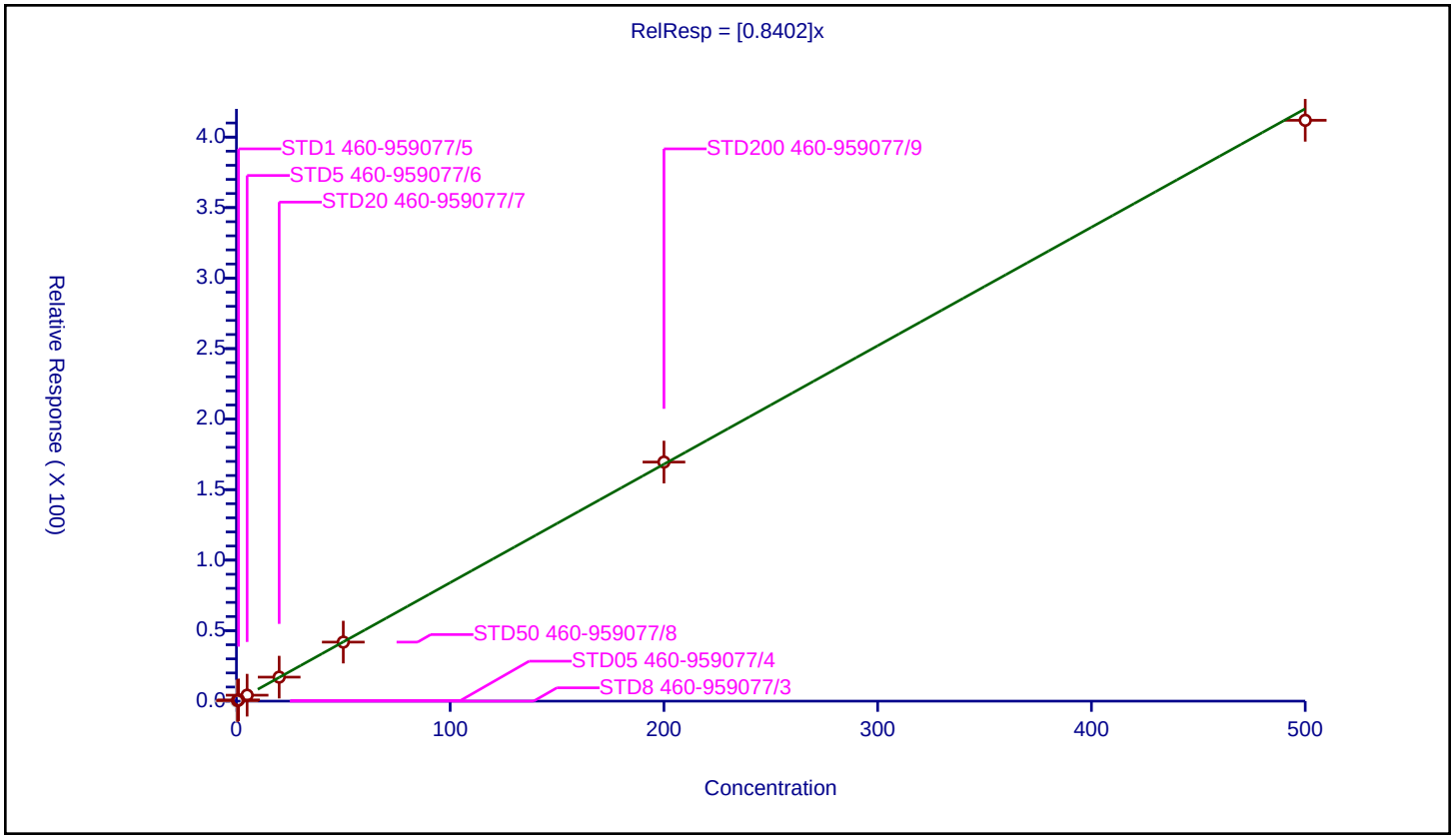
Curve Coefficients

Intercept:	0
Slope:	0.8402

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.405002	50.0	286295.0	0.810004	Y
3	STD1 460-959077/5	1.0	0.865991	50.0	279391.0	0.865991	Y
4	STD5 460-959077/6	5.0	4.22505	50.0	277831.0	0.84501	Y
5	STD20 460-959077/7	20.0	17.027813	50.0	283357.0	0.851391	Y
6	STD50 460-959077/8	50.0	41.868912	50.0	289912.0	0.837378	Y
7	STD200 460-959077/9	200.0	169.543965	50.0	299297.0	0.84772	Y
8	STD500 460-959077/10	500.0	411.907952	50.0	317204.0	0.823816	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

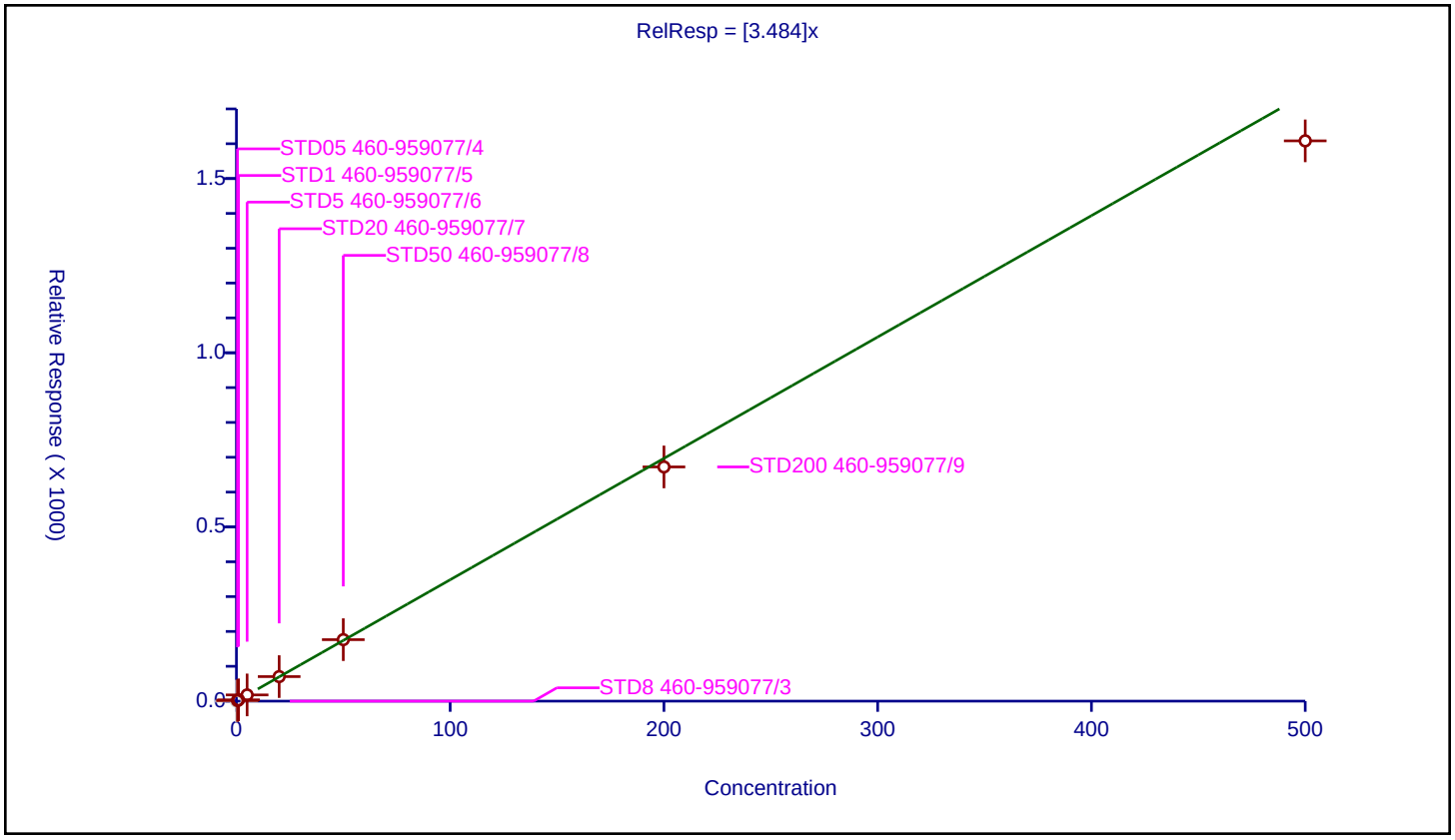
Curve Coefficients

Intercept:	0
Slope:	3.484

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.754659	50.0	286295.0	3.509317	Y
3	STD1 460-959077/5	1.0	3.67442	50.0	279391.0	3.67442	Y
4	STD5 460-959077/6	5.0	17.880474	50.0	277831.0	3.576095	Y
5	STD20 460-959077/7	20.0	70.411354	50.0	283357.0	3.520568	Y
6	STD50 460-959077/8	50.0	176.500283	50.0	289912.0	3.530006	Y
7	STD200 460-959077/9	200.0	672.289398	50.0	299297.0	3.361447	Y
8	STD500 460-959077/10	500.0	1608.23634	50.0	317204.0	3.216473	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

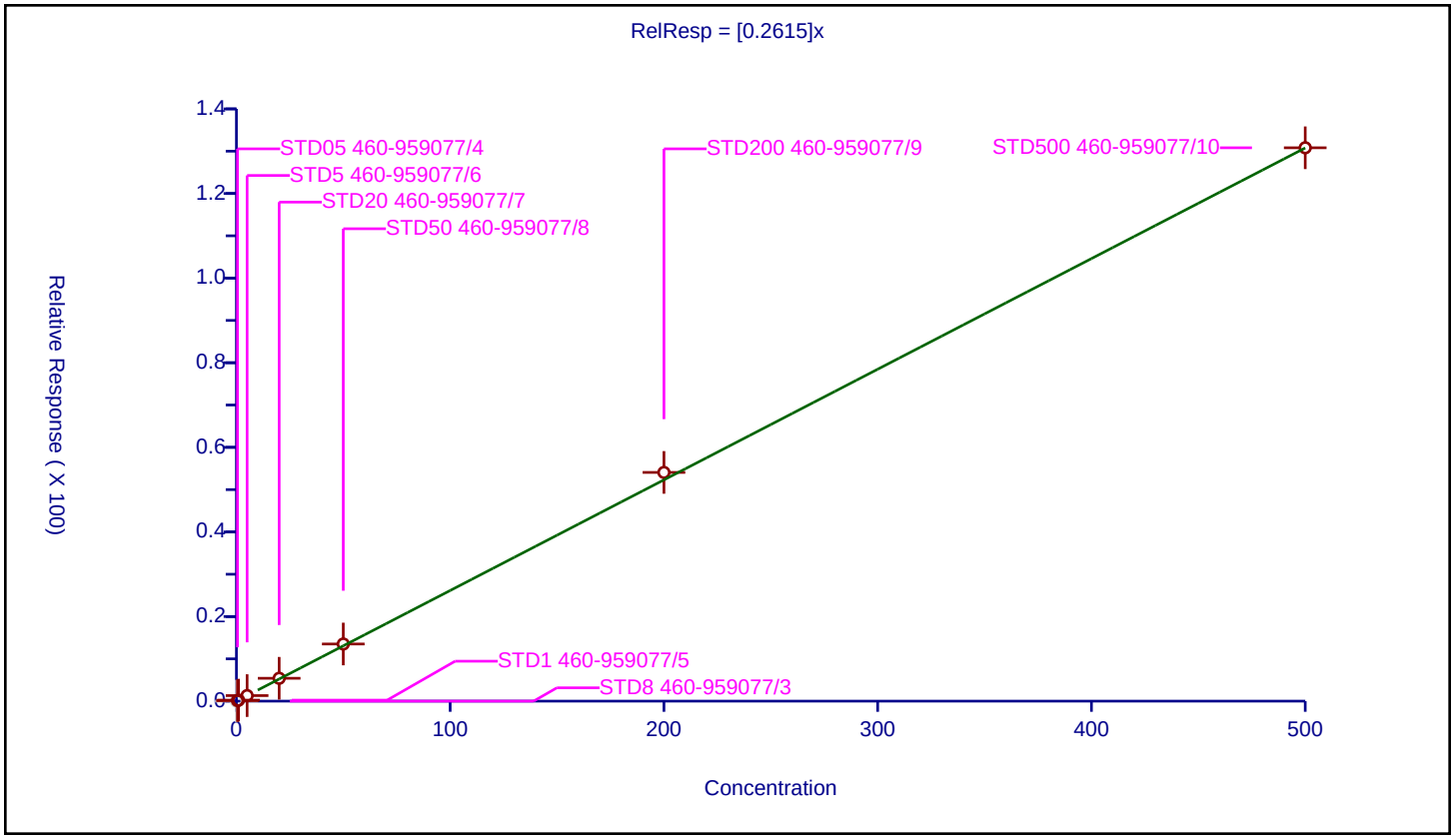
Curve Coefficients

Intercept:	0
Slope:	0.2615

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.131508	50.0	286295.0	0.263015	Y
3	STD1 460-959077/5	1.0	0.233186	50.0	279391.0	0.233186	Y
4	STD5 460-959077/6	5.0	1.311409	50.0	277831.0	0.262282	Y
5	STD20 460-959077/7	20.0	5.403078	50.0	283357.0	0.270154	Y
6	STD50 460-959077/8	50.0	13.506167	50.0	289912.0	0.270123	Y
7	STD200 460-959077/9	200.0	54.064525	50.0	299297.0	0.270323	Y
8	STD500 460-959077/10	500.0	130.808565	50.0	317204.0	0.261617	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

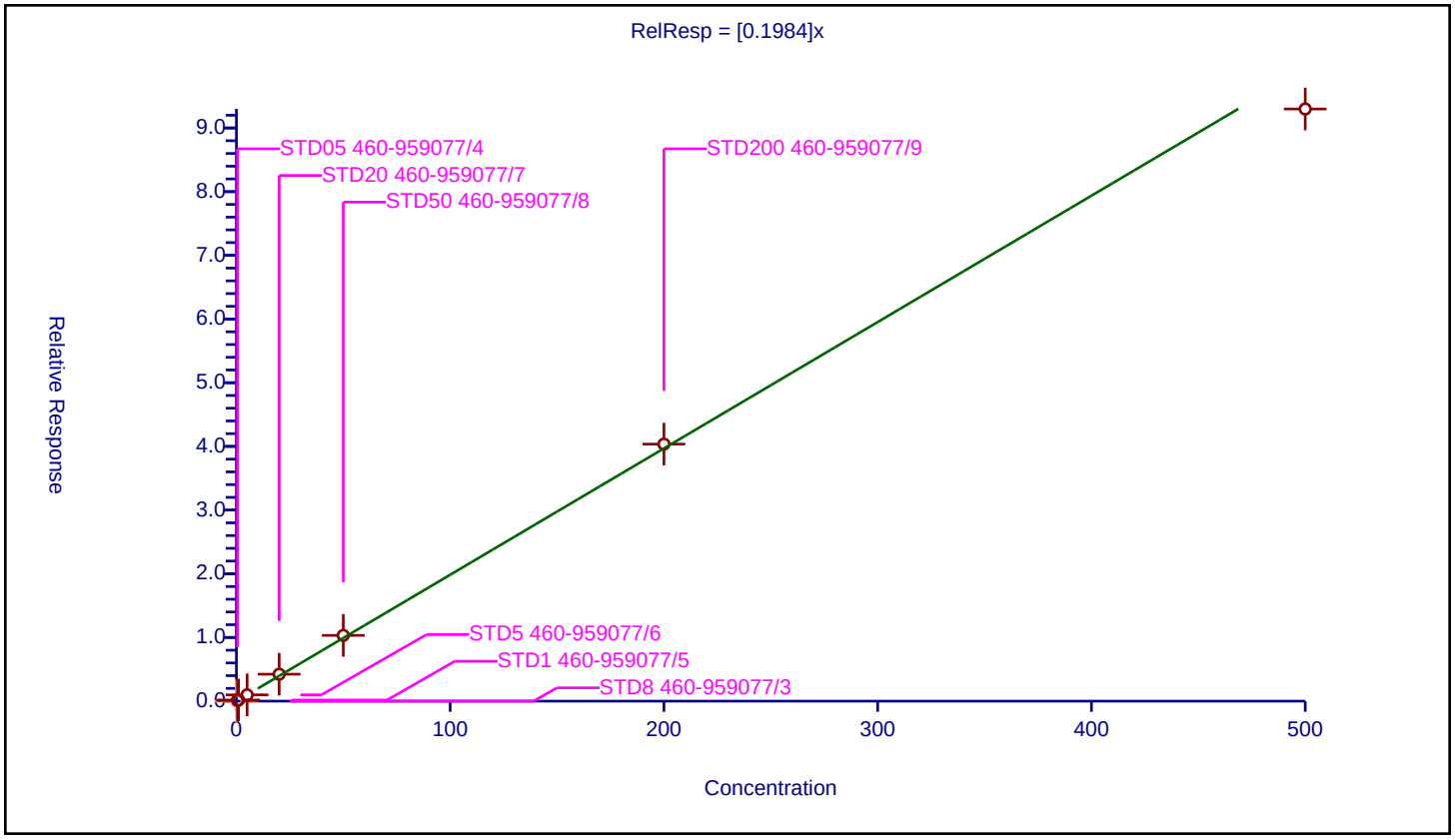
Curve Coefficients

Intercept:	0
Slope:	0.1984

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.103565	50.0	286295.0	0.207129	Y
3	STD1 460-959077/5	1.0	0.178066	50.0	279391.0	0.178066	Y
4	STD5 460-959077/6	5.0	0.98963	50.0	277831.0	0.197926	Y
5	STD20 460-959077/7	20.0	4.232117	50.0	283357.0	0.211606	Y
6	STD50 460-959077/8	50.0	10.322615	50.0	289912.0	0.206452	Y
7	STD200 460-959077/9	200.0	40.362082	50.0	299297.0	0.20181	Y
8	STD500 460-959077/10	500.0	92.981961	50.0	317204.0	0.185964	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

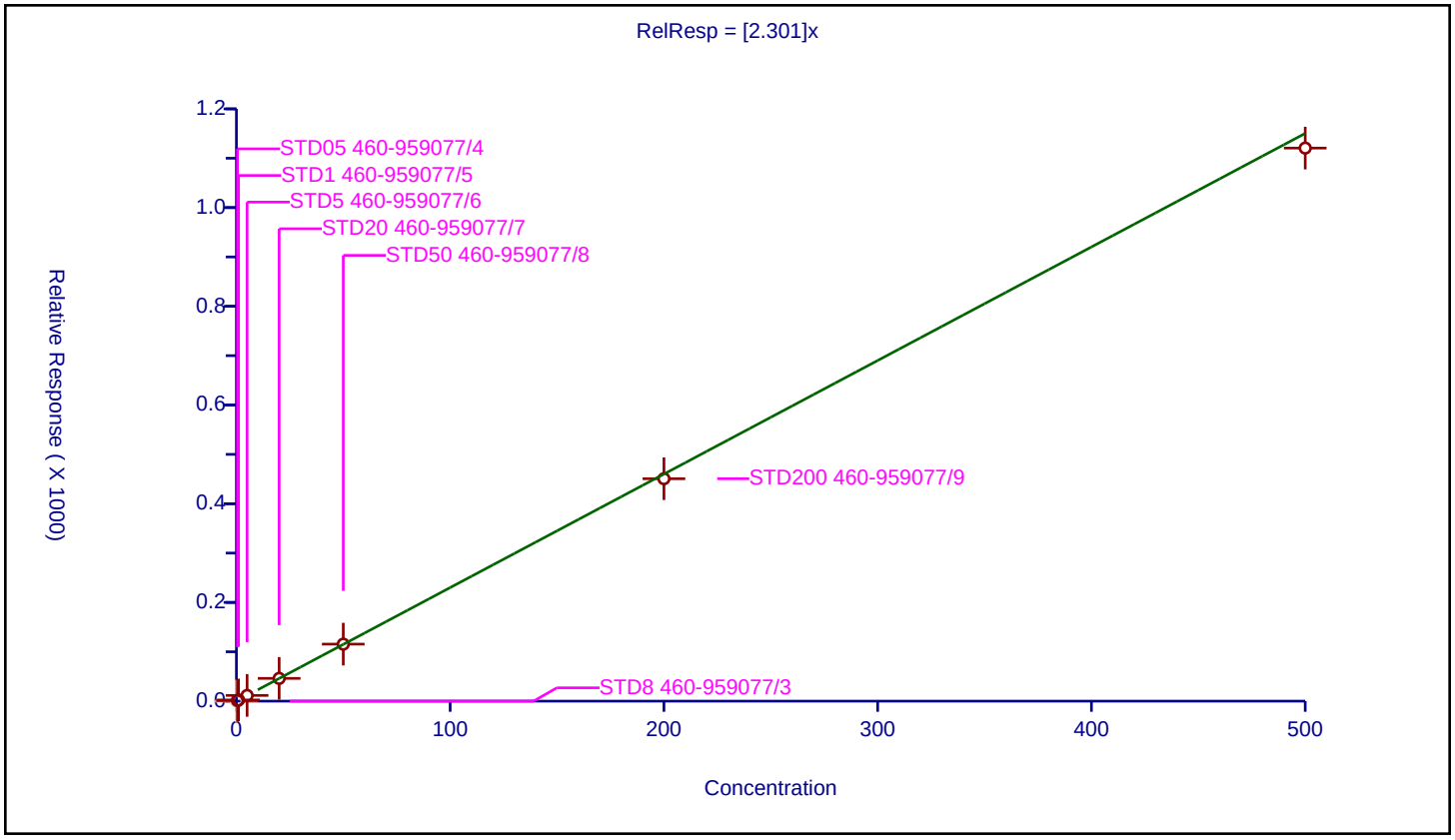
Curve Coefficients

Intercept:	0
Slope:	2.301

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.158246	50.0	286295.0	2.316492	Y
3	STD1 460-959077/5	1.0	2.368008	50.0	279391.0	2.368008	Y
4	STD5 460-959077/6	5.0	11.552886	50.0	277831.0	2.310577	Y
5	STD20 460-959077/7	20.0	46.104031	50.0	283357.0	2.305202	Y
6	STD50 460-959077/8	50.0	115.500911	50.0	289912.0	2.310018	Y
7	STD200 460-959077/9	200.0	450.666729	50.0	299297.0	2.253334	Y
8	STD500 460-959077/10	500.0	1120.552389	50.0	317204.0	2.241105	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

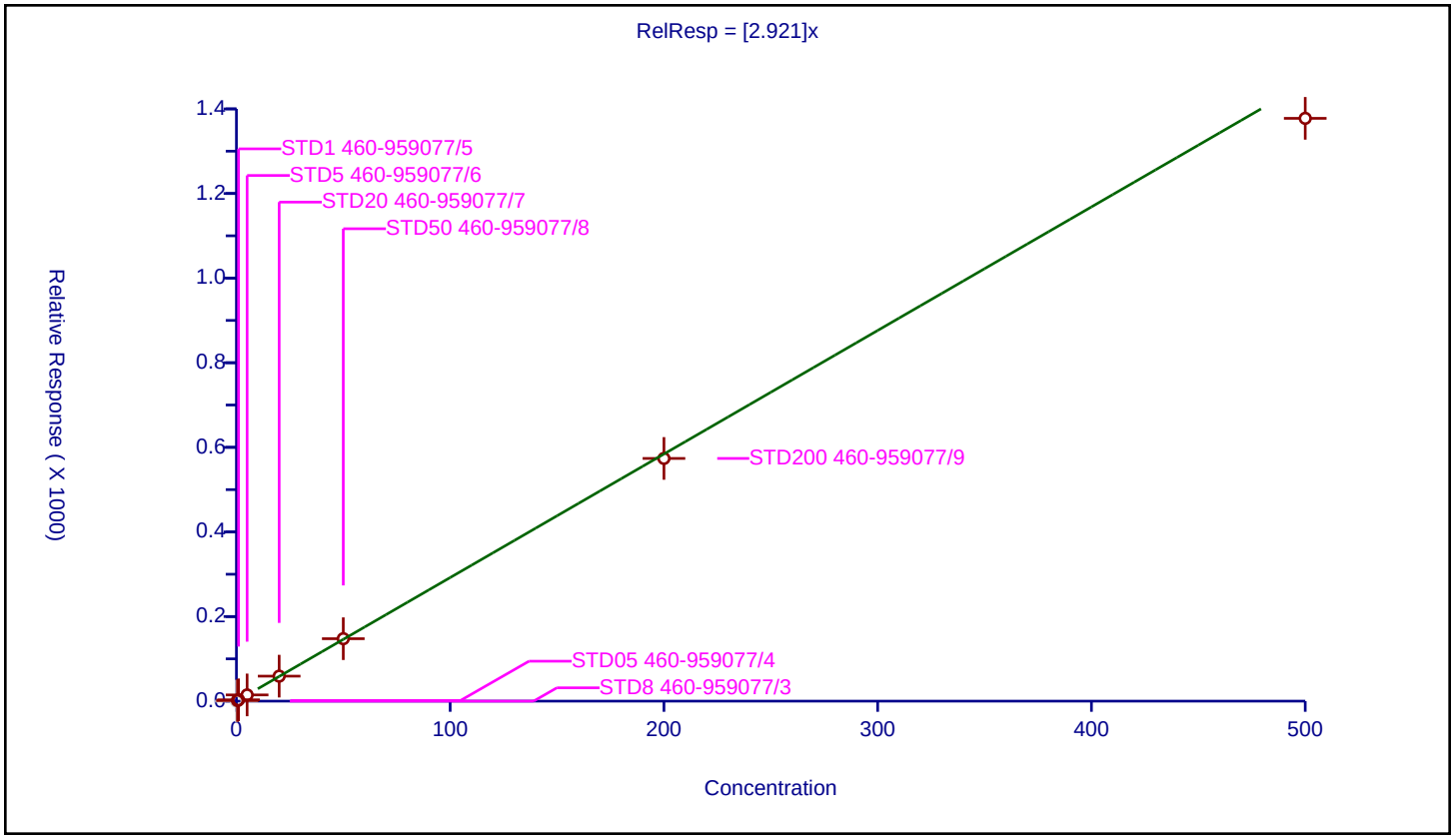
Curve Coefficients

Intercept:	0
Slope:	2.921

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.434884	50.0	286295.0	2.869767	Y
3	STD1 460-959077/5	1.0	3.108368	50.0	279391.0	3.108368	Y
4	STD5 460-959077/6	5.0	14.687346	50.0	277831.0	2.937469	Y
5	STD20 460-959077/7	20.0	59.077418	50.0	283357.0	2.953871	Y
6	STD50 460-959077/8	50.0	147.596857	50.0	289912.0	2.951937	Y
7	STD200 460-959077/9	200.0	573.694858	50.0	299297.0	2.868474	Y
8	STD500 460-959077/10	500.0	1377.665477	50.0	317204.0	2.755331	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

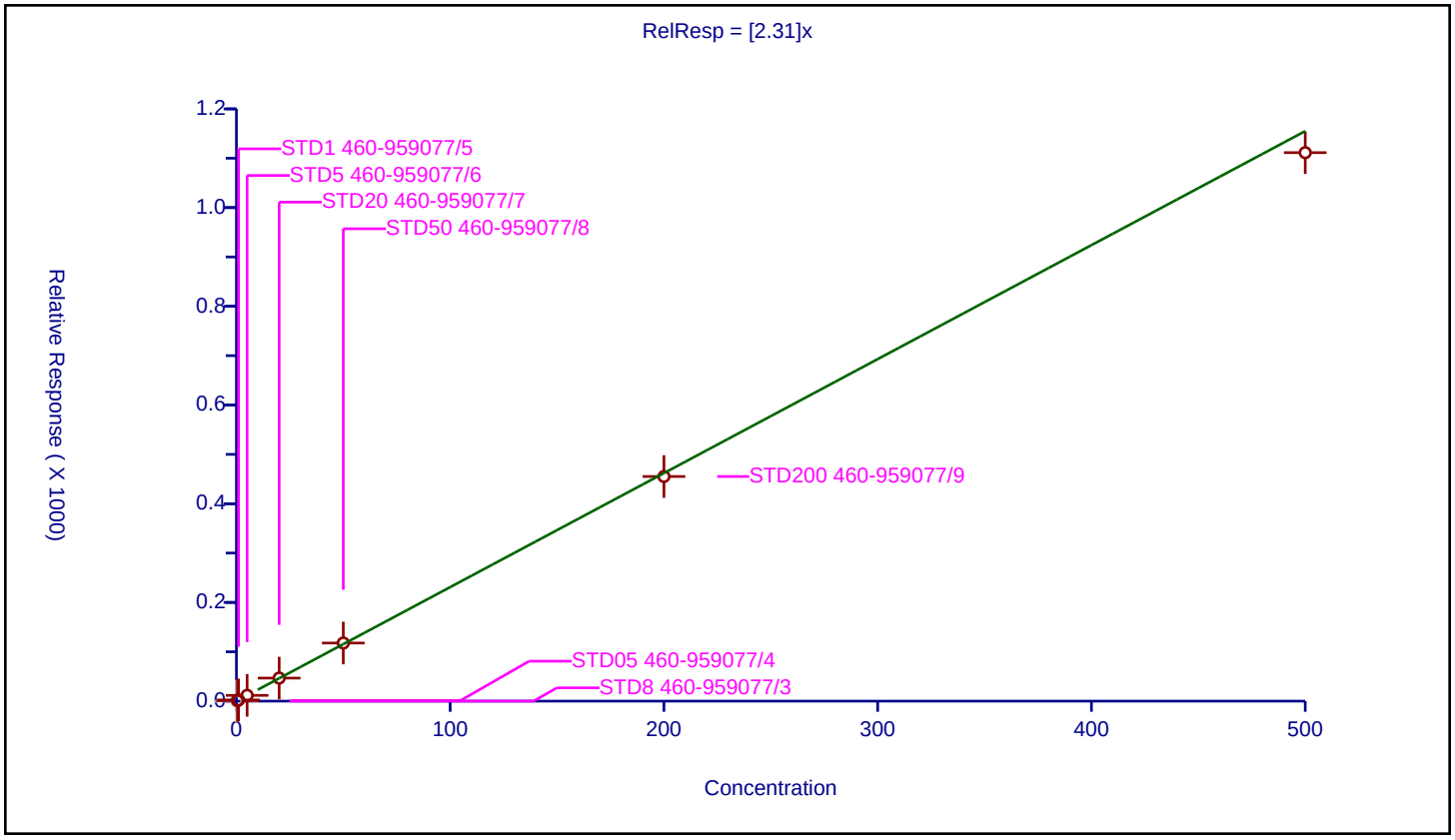
Curve Coefficients

Intercept:	0
Slope:	2.31

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.125238	50.0	286295.0	2.250476	Y
3	STD1 460-959077/5	1.0	2.388946	50.0	279391.0	2.388946	Y
4	STD5 460-959077/6	5.0	11.703338	50.0	277831.0	2.340668	Y
5	STD20 460-959077/7	20.0	46.722509	50.0	283357.0	2.336125	Y
6	STD50 460-959077/8	50.0	117.734519	50.0	289912.0	2.35469	Y
7	STD200 460-959077/9	200.0	455.148565	50.0	299297.0	2.275743	Y
8	STD500 460-959077/10	500.0	1111.344907	50.0	317204.0	2.22269	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

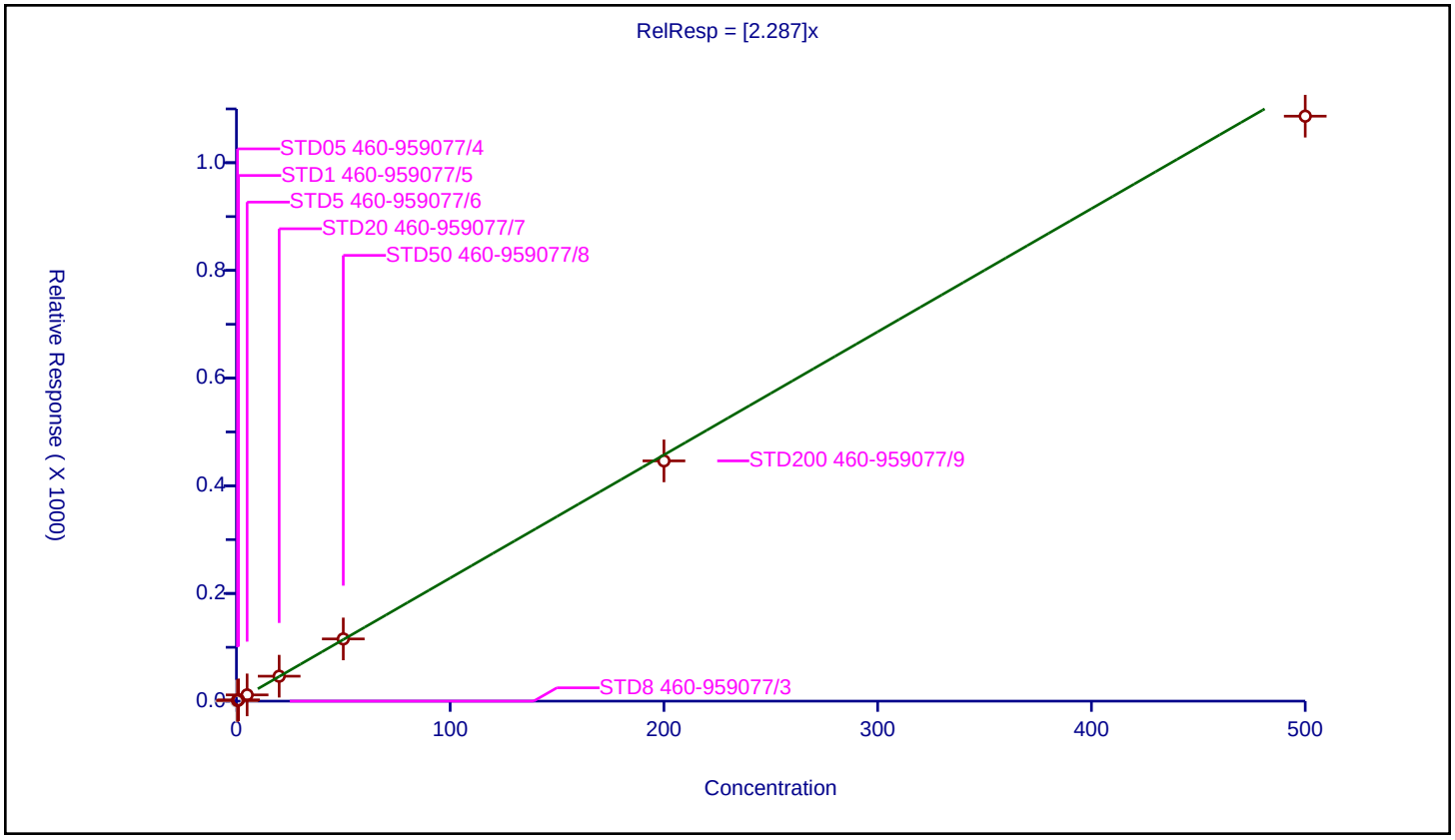
Curve Coefficients

Intercept:	0
Slope:	2.287

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.150038	50.0	286295.0	2.300075	Y
3	STD1 460-959077/5	1.0	2.352617	50.0	279391.0	2.352617	Y
4	STD5 460-959077/6	5.0	11.618574	50.0	277831.0	2.323715	Y
5	STD20 460-959077/7	20.0	46.318778	50.0	283357.0	2.315939	Y
6	STD50 460-959077/8	50.0	115.533334	50.0	289912.0	2.310667	Y
7	STD200 460-959077/9	200.0	446.229331	50.0	299297.0	2.231147	Y
8	STD500 460-959077/10	500.0	1086.507421	50.0	317204.0	2.173015	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

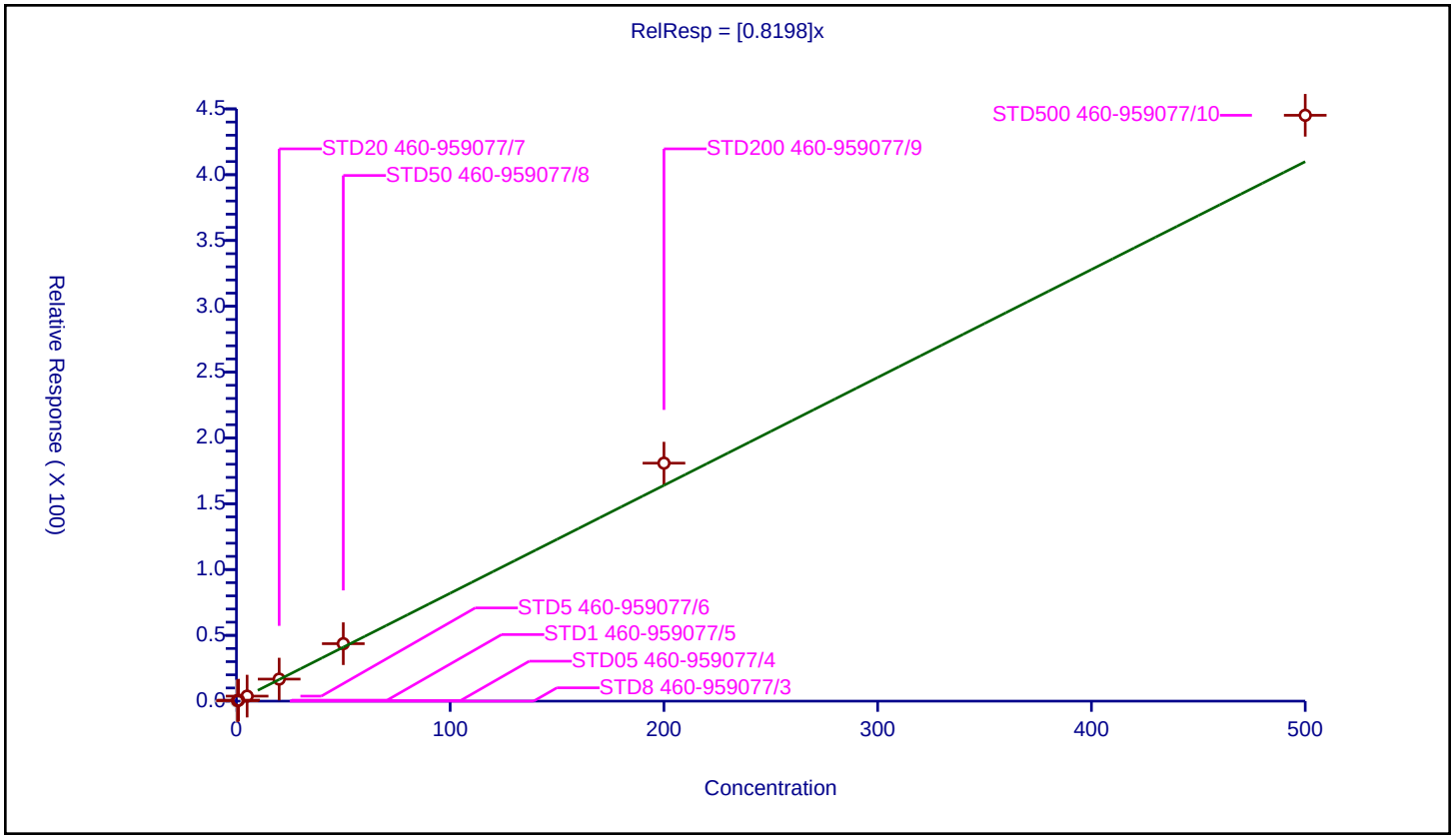
Curve Coefficients

Intercept:	0
Slope:	0.8198

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.366929	50.0	286295.0	0.733858	Y
3	STD1 460-959077/5	1.0	0.736423	50.0	279391.0	0.736423	Y
4	STD5 460-959077/6	5.0	3.819948	50.0	277831.0	0.76399	Y
5	STD20 460-959077/7	20.0	16.740543	50.0	283357.0	0.837027	Y
6	STD50 460-959077/8	50.0	43.657041	50.0	289912.0	0.873141	Y
7	STD200 460-959077/9	200.0	180.83509	50.0	299297.0	0.904175	Y
8	STD500 460-959077/10	500.0	445.135465	50.0	317204.0	0.890271	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

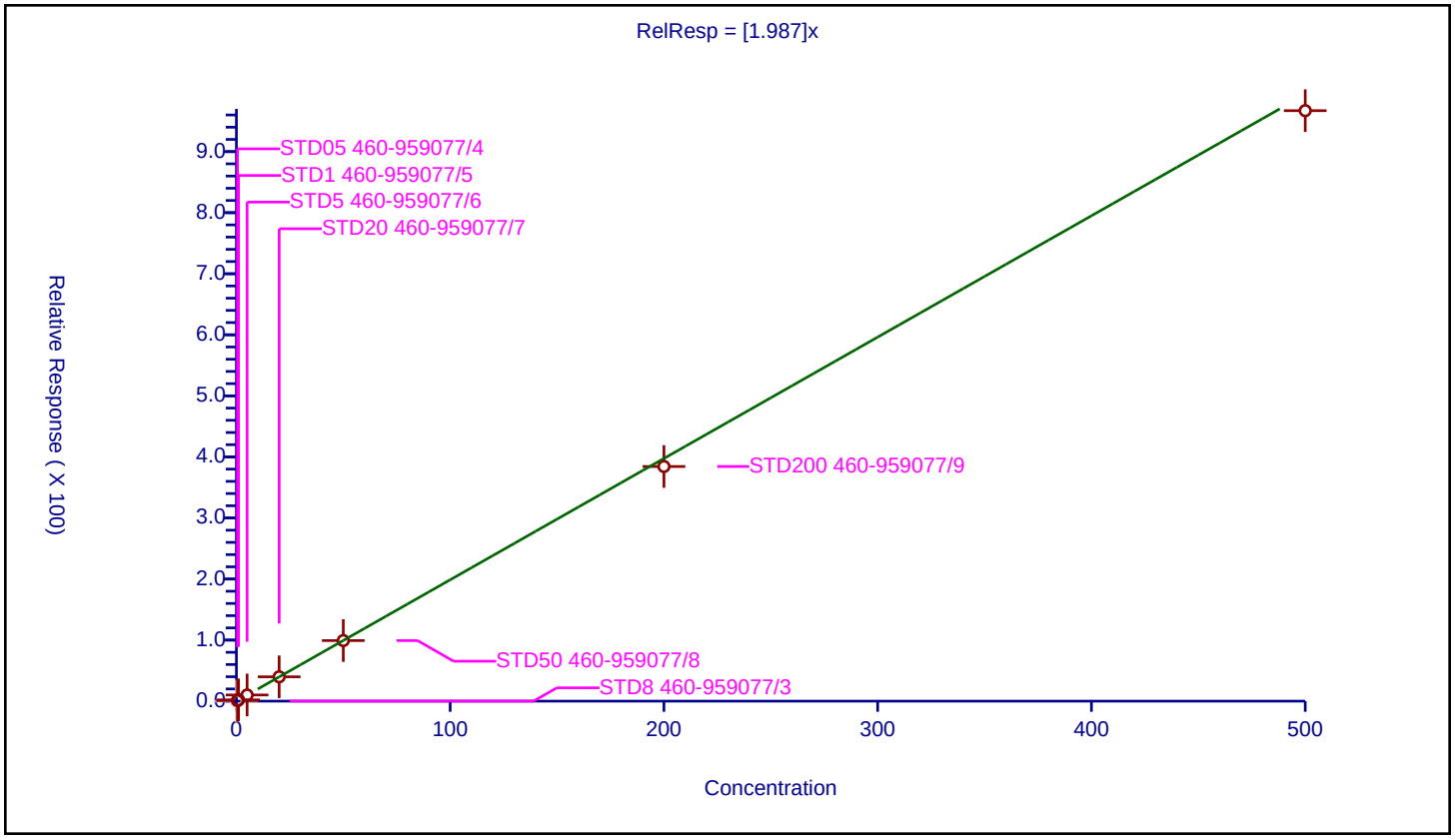
Curve Coefficients

Intercept:	0
Slope:	1.987

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.002462	50.0	286295.0	2.004925	Y
3	STD1 460-959077/5	1.0	2.054111	50.0	279391.0	2.054111	Y
4	STD5 460-959077/6	5.0	10.094446	50.0	277831.0	2.018889	Y
5	STD20 460-959077/7	20.0	39.862788	50.0	283357.0	1.993139	Y
6	STD50 460-959077/8	50.0	99.232871	50.0	289912.0	1.984657	Y
7	STD200 460-959077/9	200.0	384.290855	50.0	299297.0	1.921454	Y
8	STD500 460-959077/10	500.0	967.077023	50.0	317204.0	1.934154	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

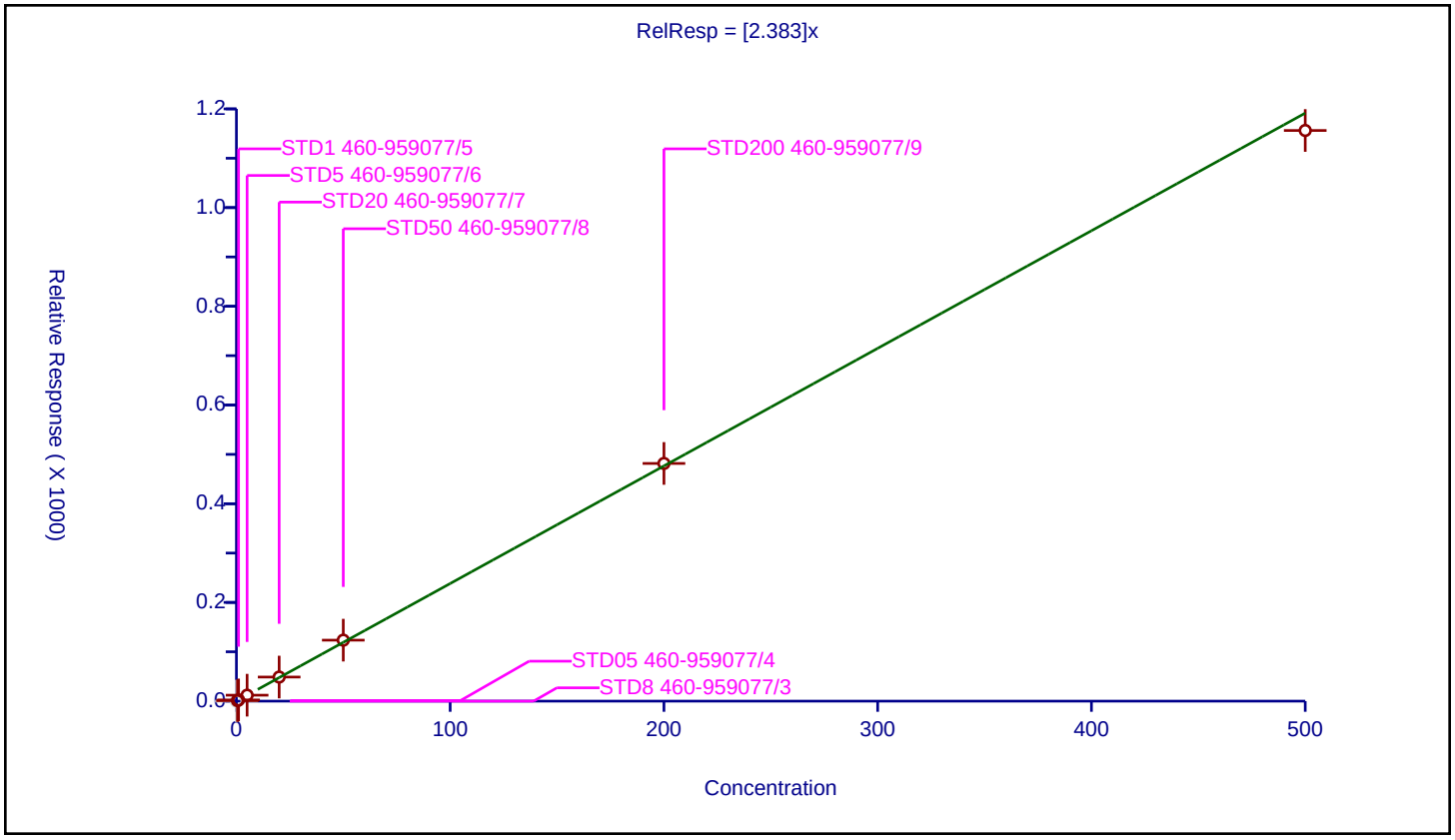
Curve Coefficients

Intercept:	0
Slope:	2.383

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.1069	50.0	286295.0	2.2138	Y
3	STD1 460-959077/5	1.0	2.423306	50.0	279391.0	2.423306	Y
4	STD5 460-959077/6	5.0	12.044372	50.0	277831.0	2.408874	Y
5	STD20 460-959077/7	20.0	48.836979	50.0	283357.0	2.441849	Y
6	STD50 460-959077/8	50.0	123.579397	50.0	289912.0	2.471588	Y
7	STD200 460-959077/9	200.0	481.602889	50.0	299297.0	2.408014	Y
8	STD500 460-959077/10	500.0	1156.213194	50.0	317204.0	2.312426	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

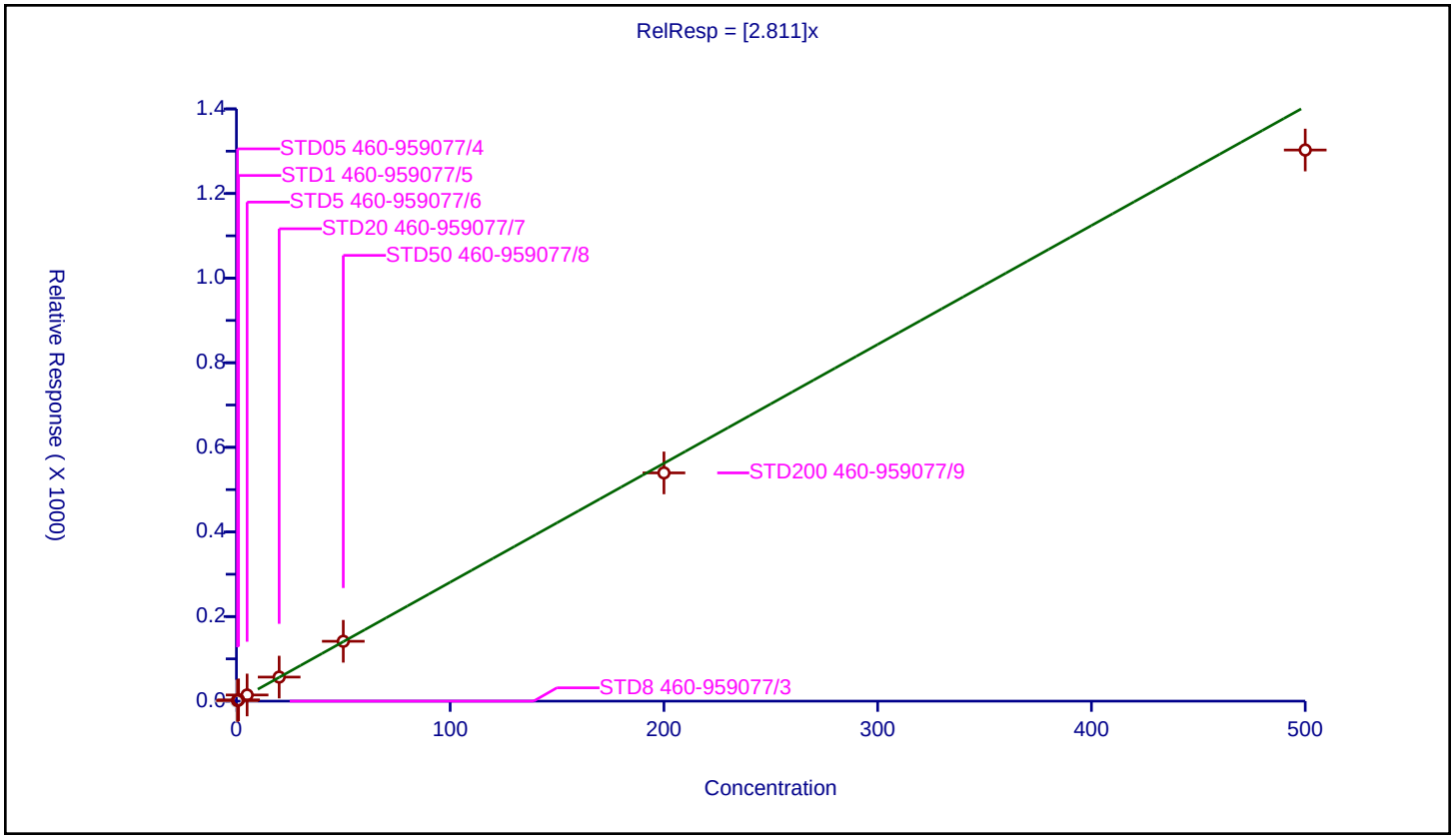
Curve Coefficients

Intercept:	0
Slope:	2.811

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.407464	50.0	286295.0	2.814929	Y
3	STD1 460-959077/5	1.0	2.971821	50.0	279391.0	2.971821	Y
4	STD5 460-959077/6	5.0	14.558491	50.0	277831.0	2.911698	Y
5	STD20 460-959077/7	20.0	56.86925	50.0	283357.0	2.843462	Y
6	STD50 460-959077/8	50.0	141.491729	50.0	289912.0	2.829835	Y
7	STD200 460-959077/9	200.0	539.513594	50.0	299297.0	2.697568	Y
8	STD500 460-959077/10	500.0	1302.801667	50.0	317204.0	2.605603	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

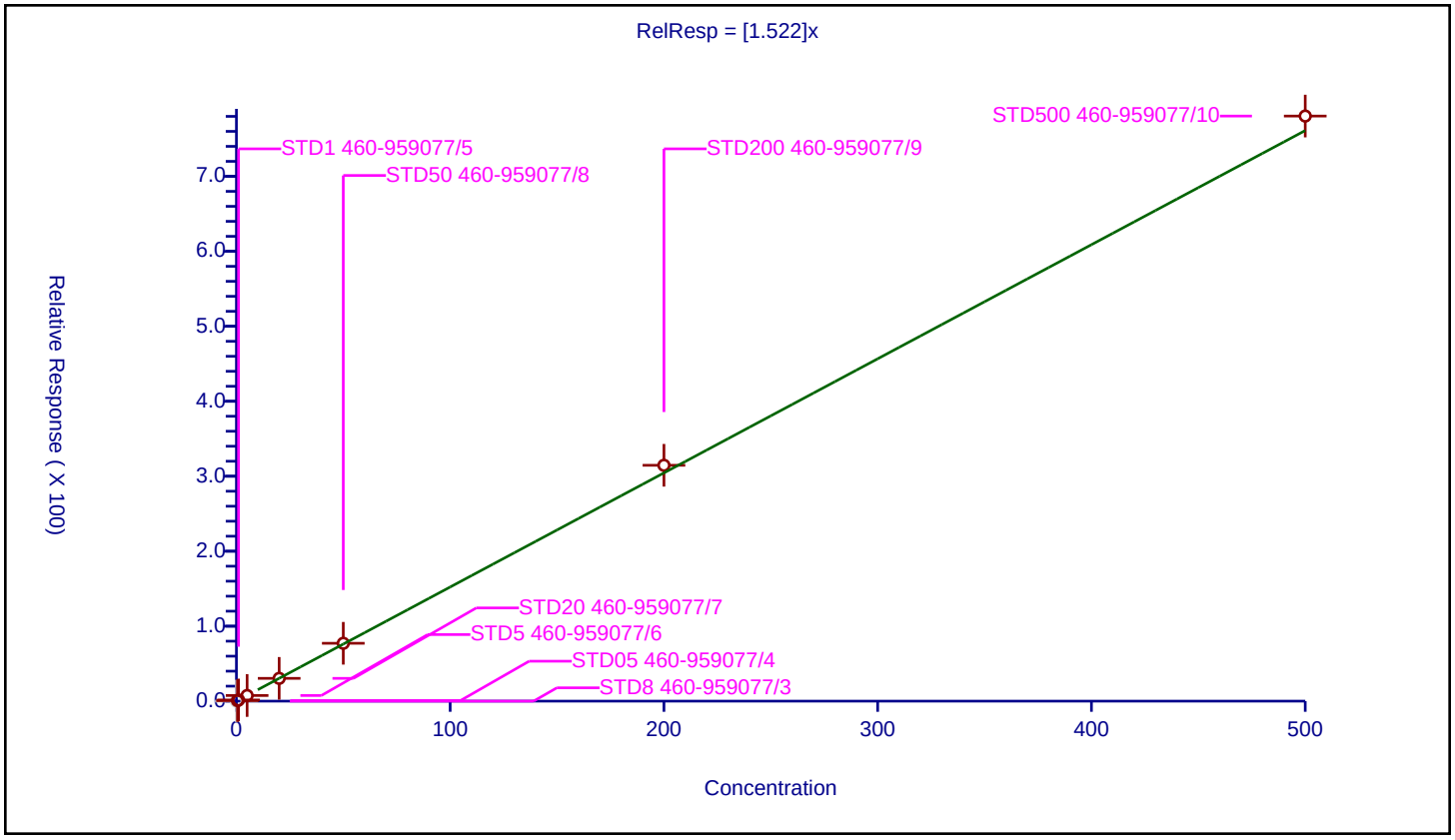
Curve Coefficients

Intercept:	0
Slope:	1.522

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.711329	50.0	286295.0	1.422658	Y
3	STD1 460-959077/5	1.0	1.535661	50.0	279391.0	1.535661	Y
4	STD5 460-959077/6	5.0	7.499703	50.0	277831.0	1.499941	Y
5	STD20 460-959077/7	20.0	30.394167	50.0	283357.0	1.519708	Y
6	STD50 460-959077/8	50.0	77.17497	50.0	289912.0	1.543499	Y
7	STD200 460-959077/9	200.0	314.610404	50.0	299297.0	1.573052	Y
8	STD500 460-959077/10	500.0	780.444603	50.0	317204.0	1.560889	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

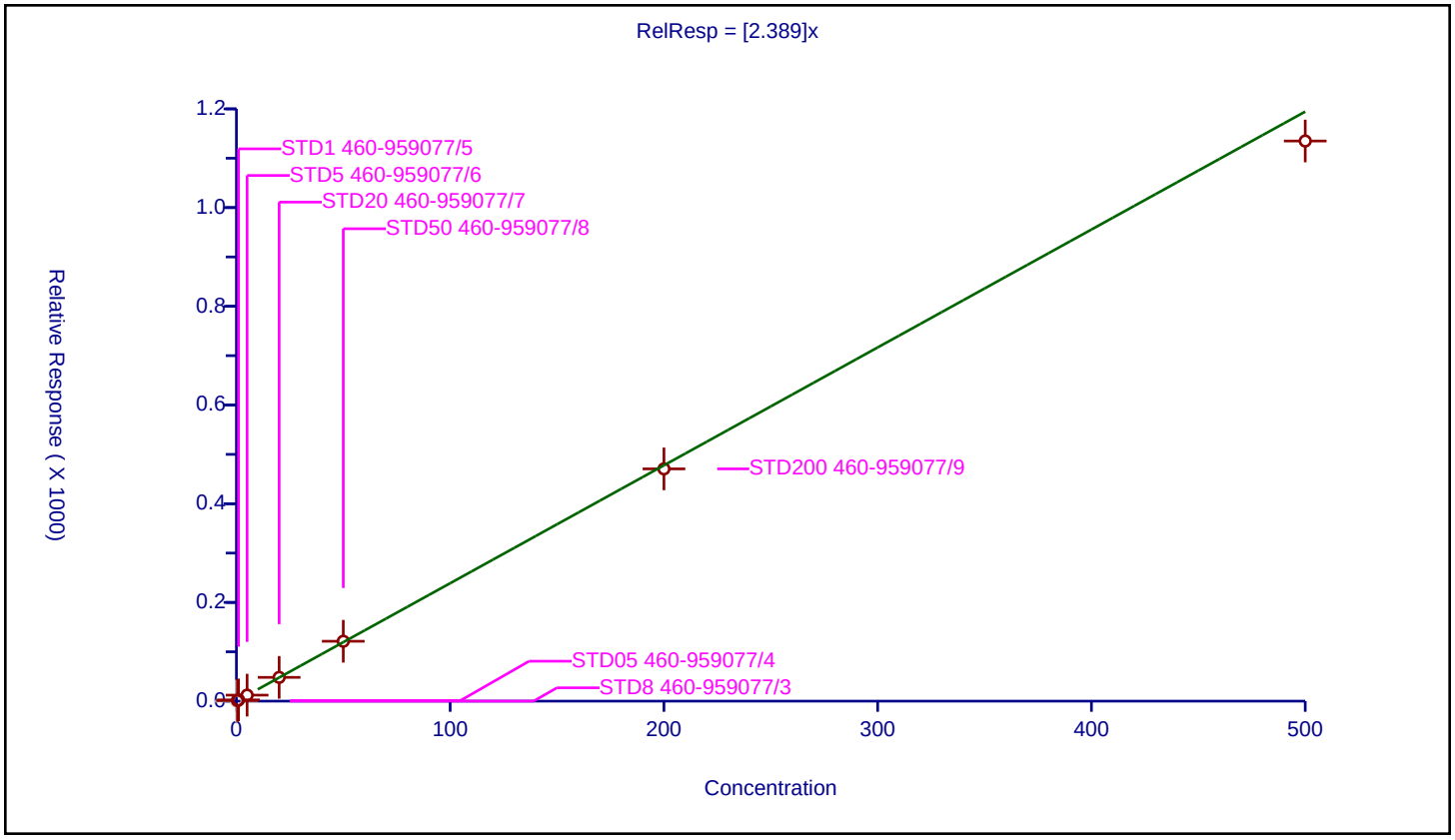
Curve Coefficients

Intercept:	0
Slope:	2.389

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.156849	50.0	286295.0	2.313697	Y
3	STD1 460-959077/5	1.0	2.522093	50.0	279391.0	2.522093	Y
4	STD5 460-959077/6	5.0	12.146593	50.0	277831.0	2.429319	Y
5	STD20 460-959077/7	20.0	48.140332	50.0	283357.0	2.407017	Y
6	STD50 460-959077/8	50.0	121.365794	50.0	289912.0	2.427316	Y
7	STD200 460-959077/9	200.0	470.592422	50.0	299297.0	2.352962	Y
8	STD500 460-959077/10	500.0	1134.918538	50.0	317204.0	2.269837	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

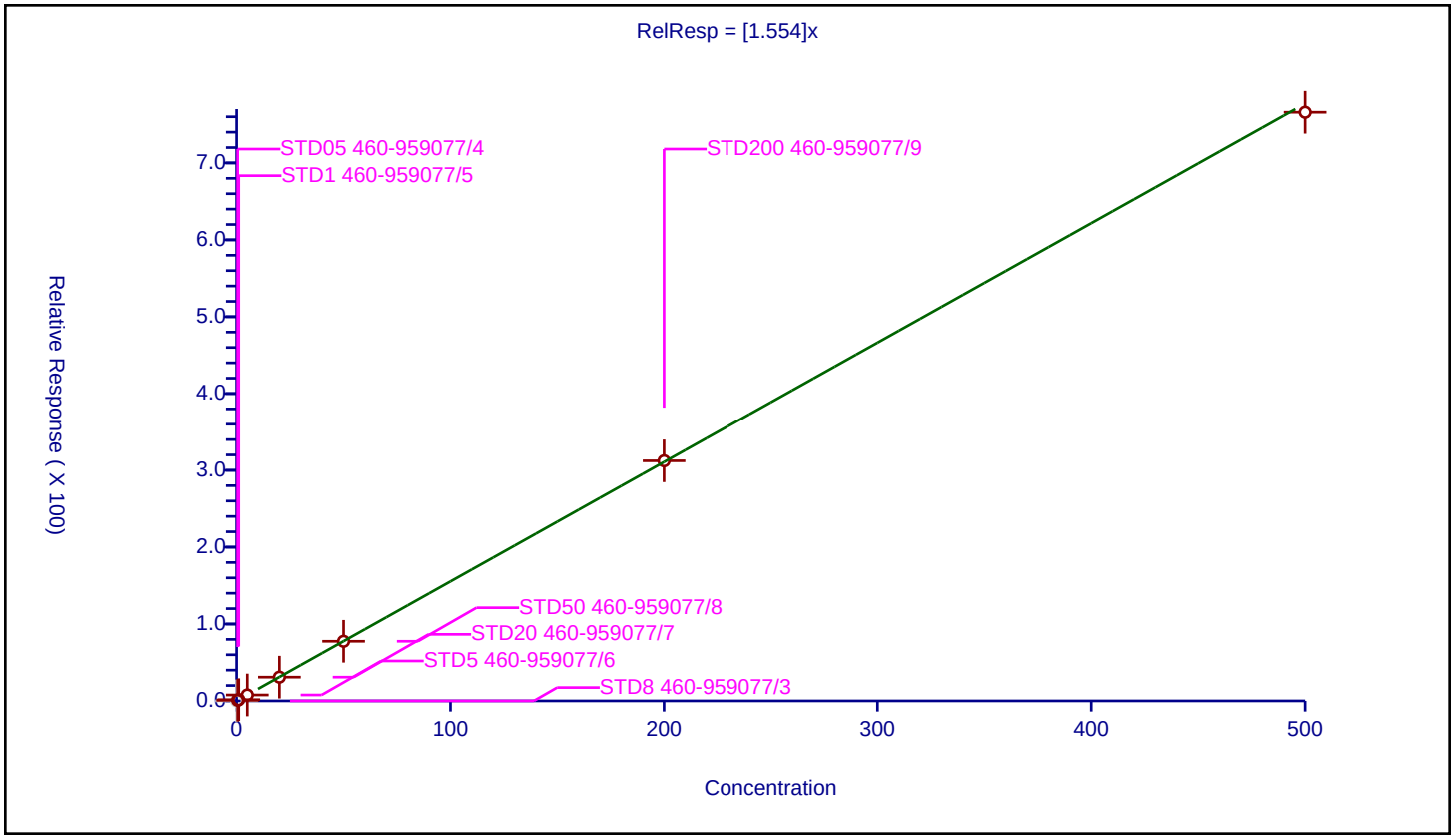
Curve Coefficients

Intercept:	0
Slope:	1.554

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.796905	50.0	286295.0	1.593811	Y
3	STD1 460-959077/5	1.0	1.559463	50.0	279391.0	1.559463	Y
4	STD5 460-959077/6	5.0	7.688487	50.0	277831.0	1.537697	Y
5	STD20 460-959077/7	20.0	30.878362	50.0	283357.0	1.543918	Y
6	STD50 460-959077/8	50.0	77.545428	50.0	289912.0	1.550909	Y
7	STD200 460-959077/9	200.0	312.376502	50.0	299297.0	1.561883	Y
8	STD500 460-959077/10	500.0	765.87149	50.0	317204.0	1.531743	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

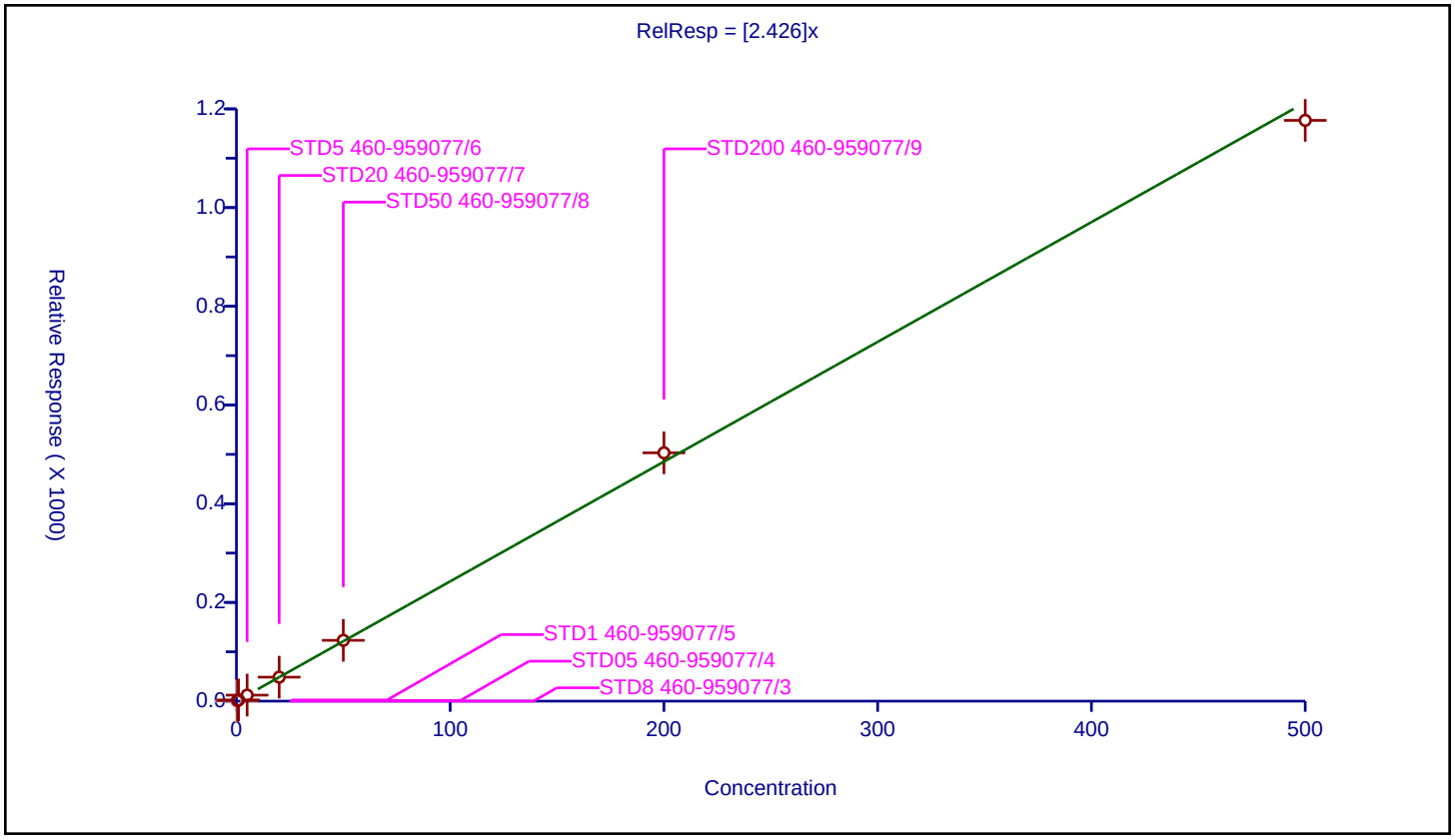
Curve Coefficients

Intercept:	0
Slope:	2.426

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.199986	50.0	286295.0	2.399972	Y
3	STD1 460-959077/5	1.0	2.388588	50.0	279391.0	2.388588	Y
4	STD5 460-959077/6	5.0	12.16027	50.0	277831.0	2.432054	Y
5	STD20 460-959077/7	20.0	48.598588	50.0	283357.0	2.429929	Y
6	STD50 460-959077/8	50.0	123.210147	50.0	289912.0	2.464203	Y
7	STD200 460-959077/9	200.0	503.165752	50.0	299297.0	2.515829	Y
8	STD500 460-959077/10	500.0	1176.766686	50.0	317204.0	2.353533	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

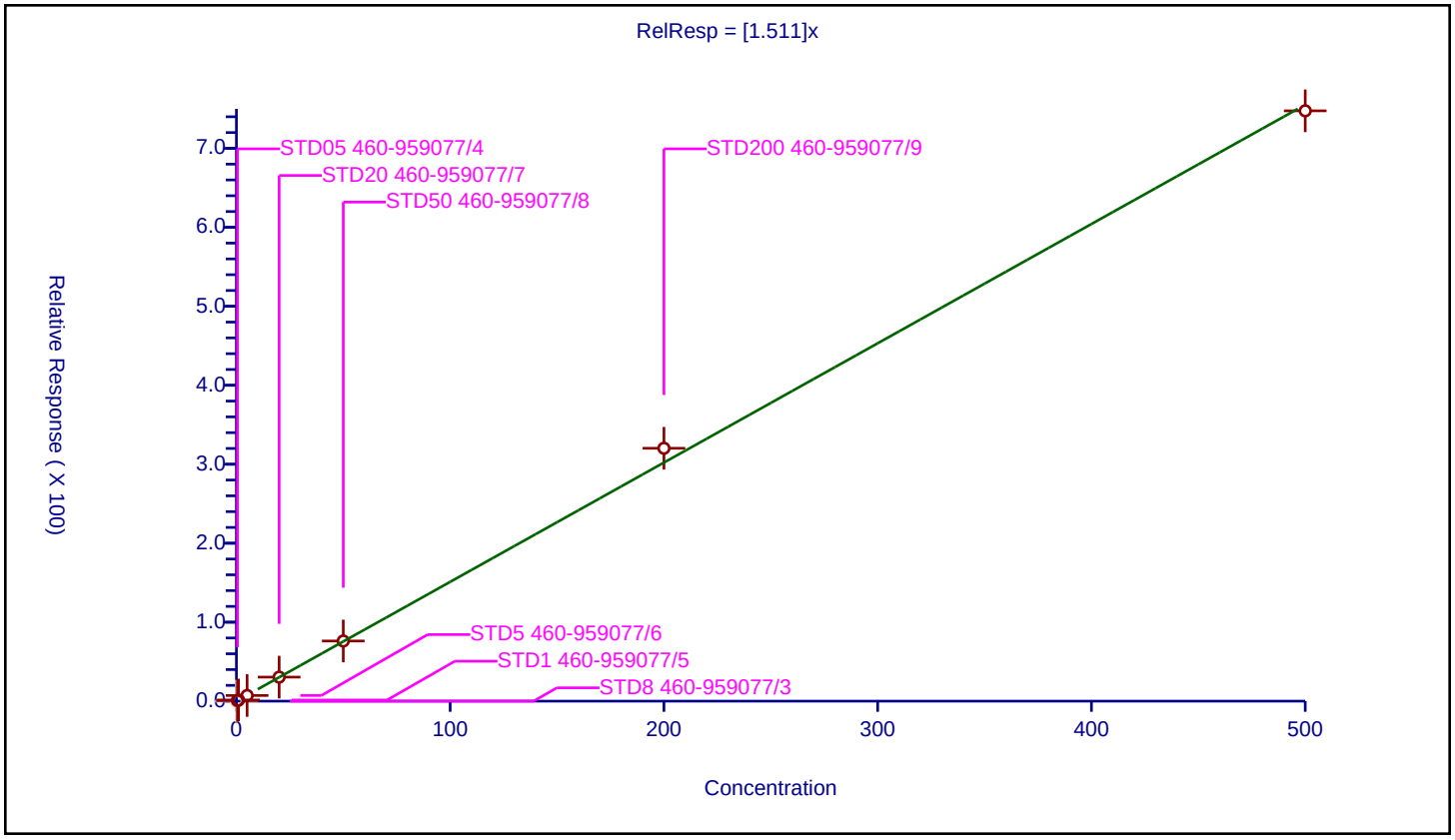
Curve Coefficients

Intercept:	0
Slope:	1.511

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.774376	50.0	286295.0	1.548752	Y
3	STD1 460-959077/5	1.0	1.449581	50.0	279391.0	1.449581	Y
4	STD5 460-959077/6	5.0	7.166587	50.0	277831.0	1.433317	Y
5	STD20 460-959077/7	20.0	30.447633	50.0	283357.0	1.522382	Y
6	STD50 460-959077/8	50.0	76.174494	50.0	289912.0	1.52349	Y
7	STD200 460-959077/9	200.0	320.23308	50.0	299297.0	1.601165	Y
8	STD500 460-959077/10	500.0	747.536601	50.0	317204.0	1.495073	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

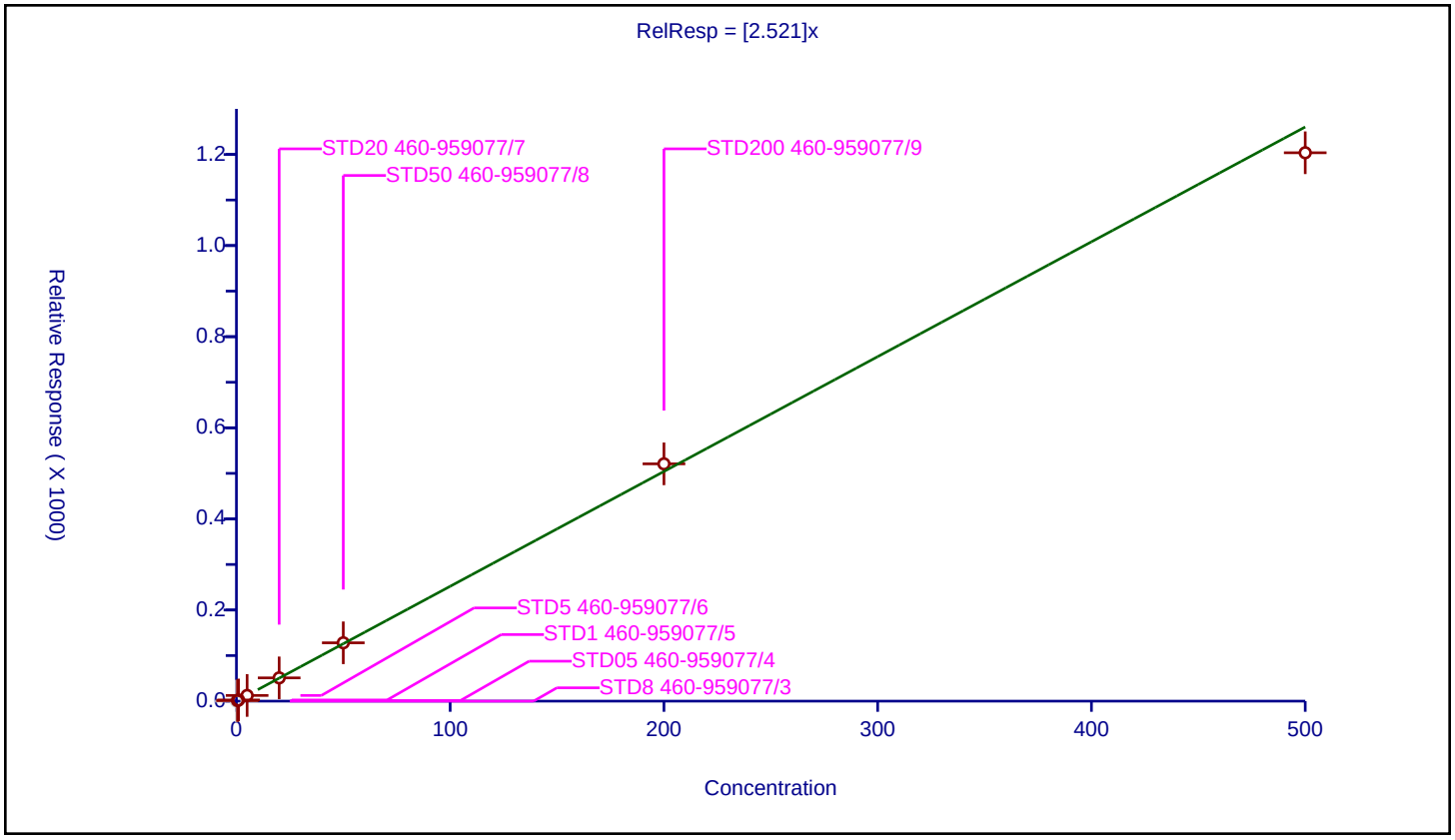
Curve Coefficients

Intercept:	0
Slope:	2.521

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.250284	50.0	286295.0	2.500568	Y
3	STD1 460-959077/5	1.0	2.519766	50.0	279391.0	2.519766	Y
4	STD5 460-959077/6	5.0	12.485468	50.0	277831.0	2.497094	Y
5	STD20 460-959077/7	20.0	51.088909	50.0	283357.0	2.554445	Y
6	STD50 460-959077/8	50.0	128.045062	50.0	289912.0	2.560901	Y
7	STD200 460-959077/9	200.0	520.887446	50.0	299297.0	2.604437	Y
8	STD500 460-959077/10	500.0	1203.692419	50.0	317204.0	2.407385	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

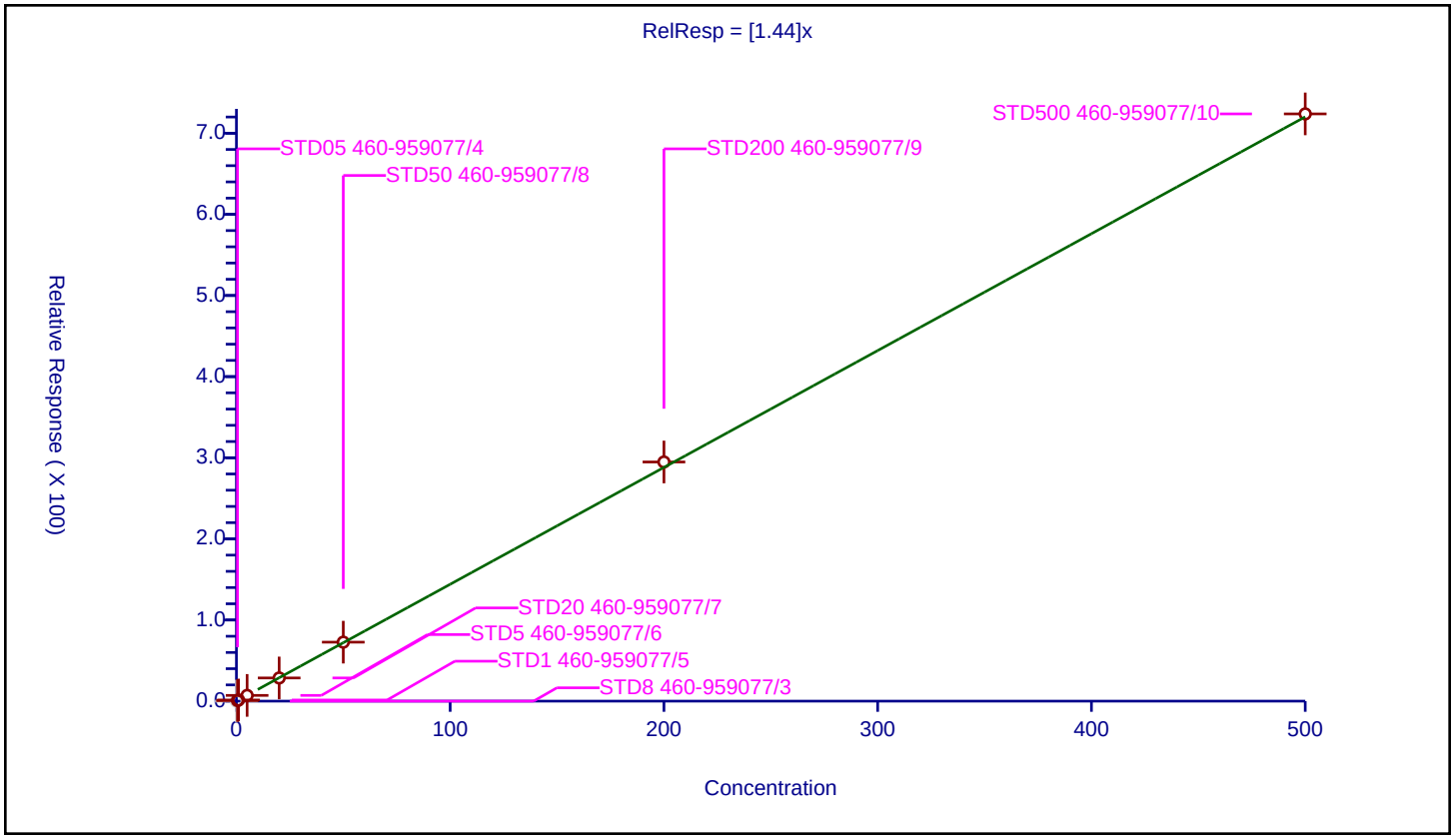
Curve Coefficients

Intercept:	0
Slope:	1.44

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.727397	50.0	286295.0	1.454793	Y
3	STD1 460-959077/5	1.0	1.410747	50.0	279391.0	1.410747	Y
4	STD5 460-959077/6	5.0	7.062387	50.0	277831.0	1.412477	Y
5	STD20 460-959077/7	20.0	28.575437	50.0	283357.0	1.428772	Y
6	STD50 460-959077/8	50.0	72.715686	50.0	289912.0	1.454314	Y
7	STD200 460-959077/9	200.0	294.789457	50.0	299297.0	1.473947	Y
8	STD500 460-959077/10	500.0	723.842858	50.0	317204.0	1.447686	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

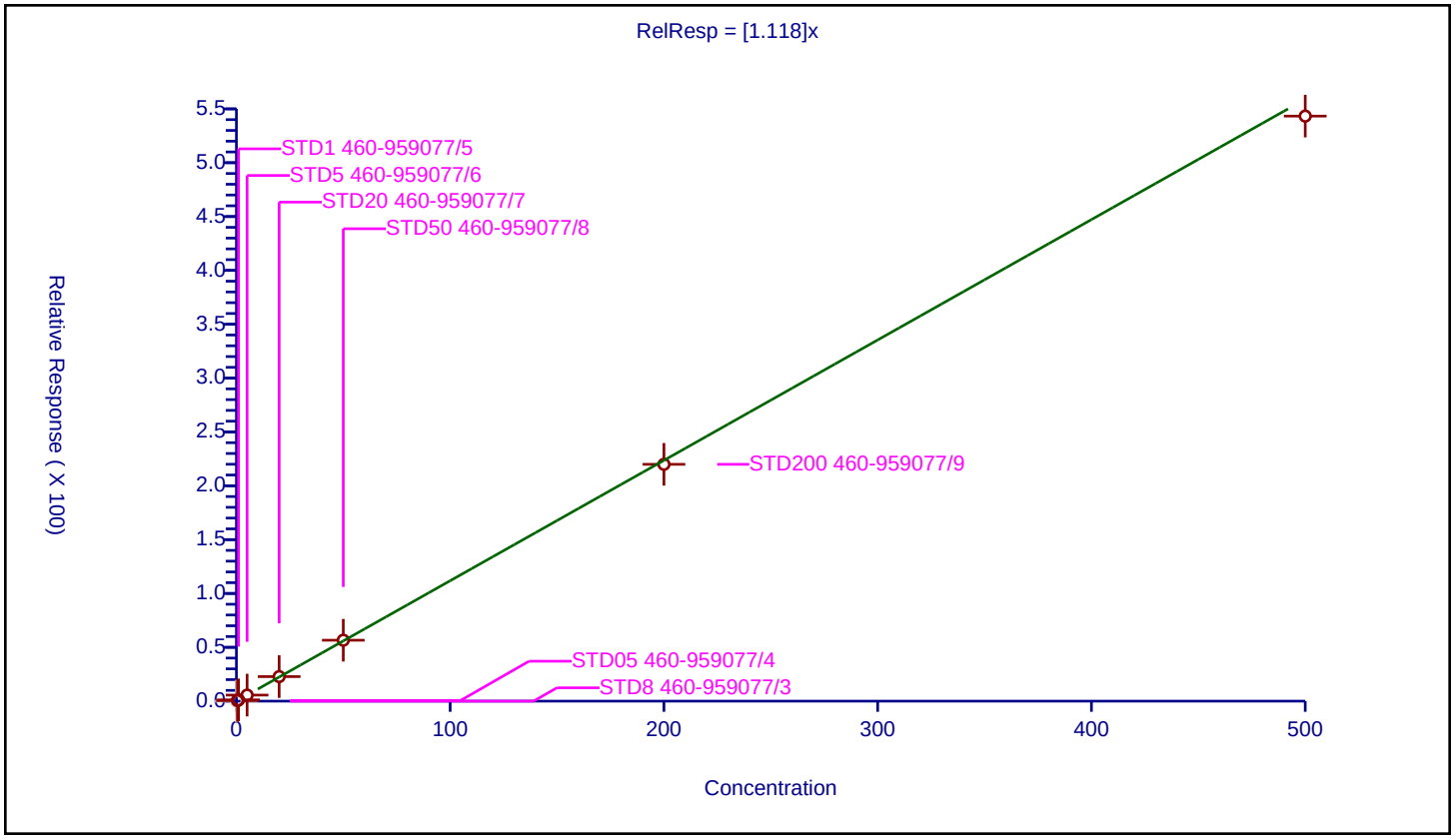
Curve Coefficients

Intercept:	0
Slope:	1.118

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.535112	50.0	286295.0	1.070225	Y
3	STD1 460-959077/5	1.0	1.171655	50.0	279391.0	1.171655	Y
4	STD5 460-959077/6	5.0	5.633281	50.0	277831.0	1.126656	Y
5	STD20 460-959077/7	20.0	22.787155	50.0	283357.0	1.139358	Y
6	STD50 460-959077/8	50.0	56.590276	50.0	289912.0	1.131806	Y
7	STD200 460-959077/9	200.0	219.922685	50.0	299297.0	1.099613	Y
8	STD500 460-959077/10	500.0	543.294063	50.0	317204.0	1.086588	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

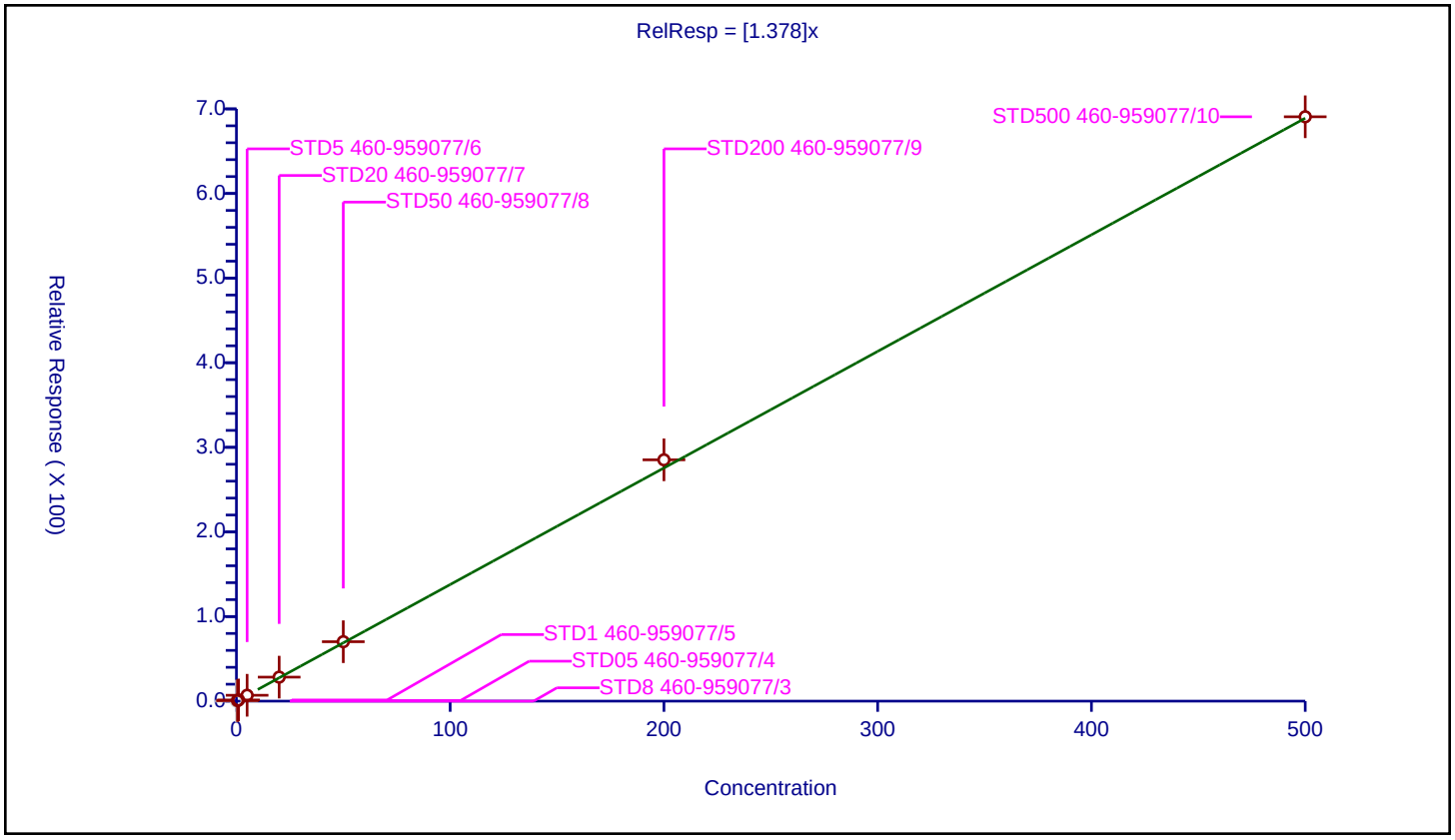
Curve Coefficients

Intercept:	0
Slope:	1.378

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.635533	50.0	286295.0	1.271067	Y
3	STD1 460-959077/5	1.0	1.355985	50.0	279391.0	1.355985	Y
4	STD5 460-959077/6	5.0	6.937491	50.0	277831.0	1.387498	Y
5	STD20 460-959077/7	20.0	28.388746	50.0	283357.0	1.419437	Y
6	STD50 460-959077/8	50.0	70.233209	50.0	289912.0	1.404664	Y
7	STD200 460-959077/9	200.0	285.208505	50.0	299297.0	1.426043	Y
8	STD500 460-959077/10	500.0	690.692267	50.0	317204.0	1.381385	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

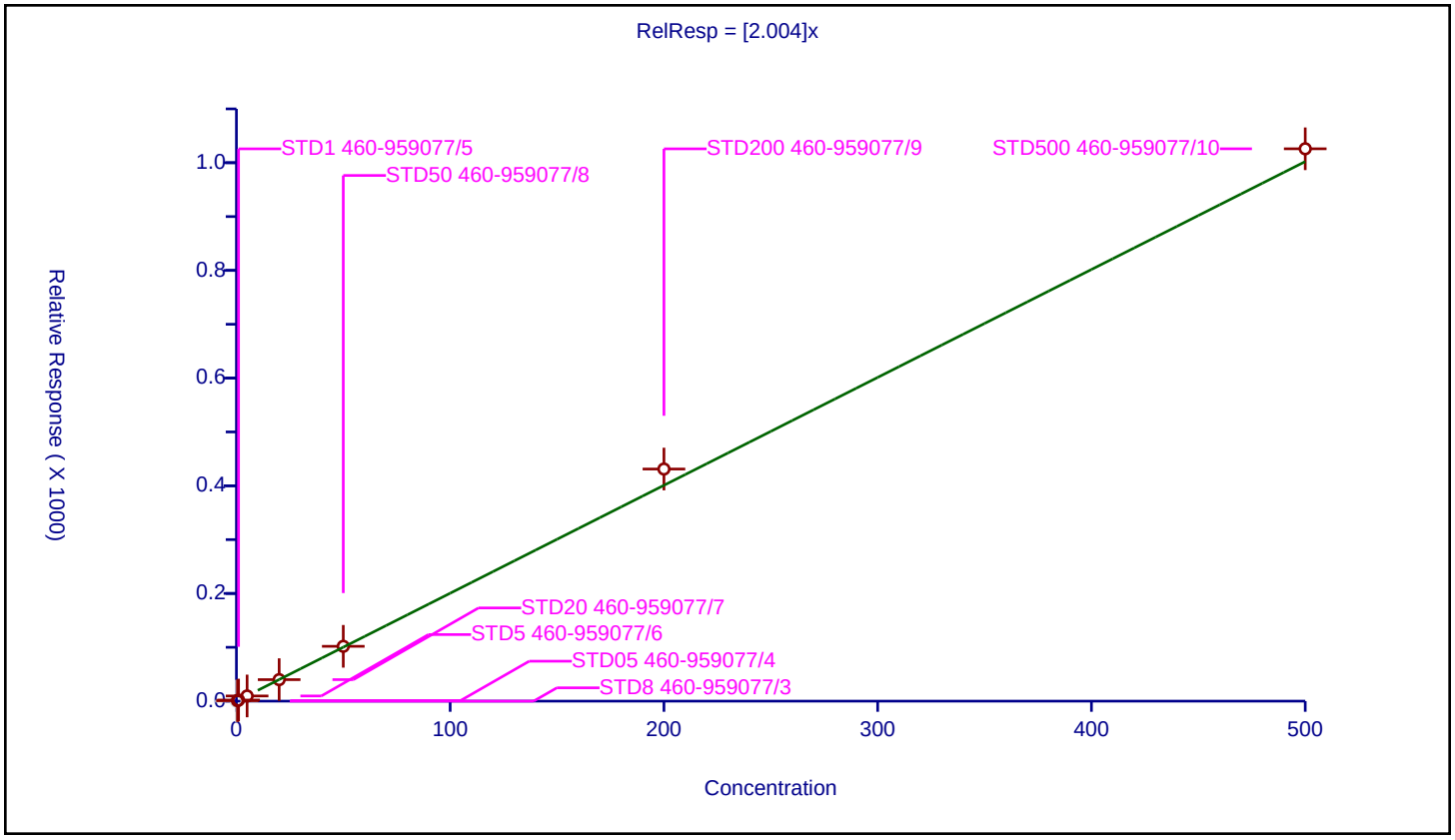
Curve Coefficients

Intercept:	0
Slope:	2.004

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.916886	50.0	286295.0	1.833773	Y
3	STD1 460-959077/5	1.0	2.026551	50.0	279391.0	2.026551	Y
4	STD5 460-959077/6	5.0	9.640573	50.0	277831.0	1.928115	Y
5	STD20 460-959077/7	20.0	39.945899	50.0	283357.0	1.997295	Y
6	STD50 460-959077/8	50.0	101.831763	50.0	289912.0	2.036635	Y
7	STD200 460-959077/9	200.0	431.107228	50.0	299297.0	2.155536	Y
8	STD500 460-959077/10	500.0	1025.899894	50.0	317204.0	2.0518	Y



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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

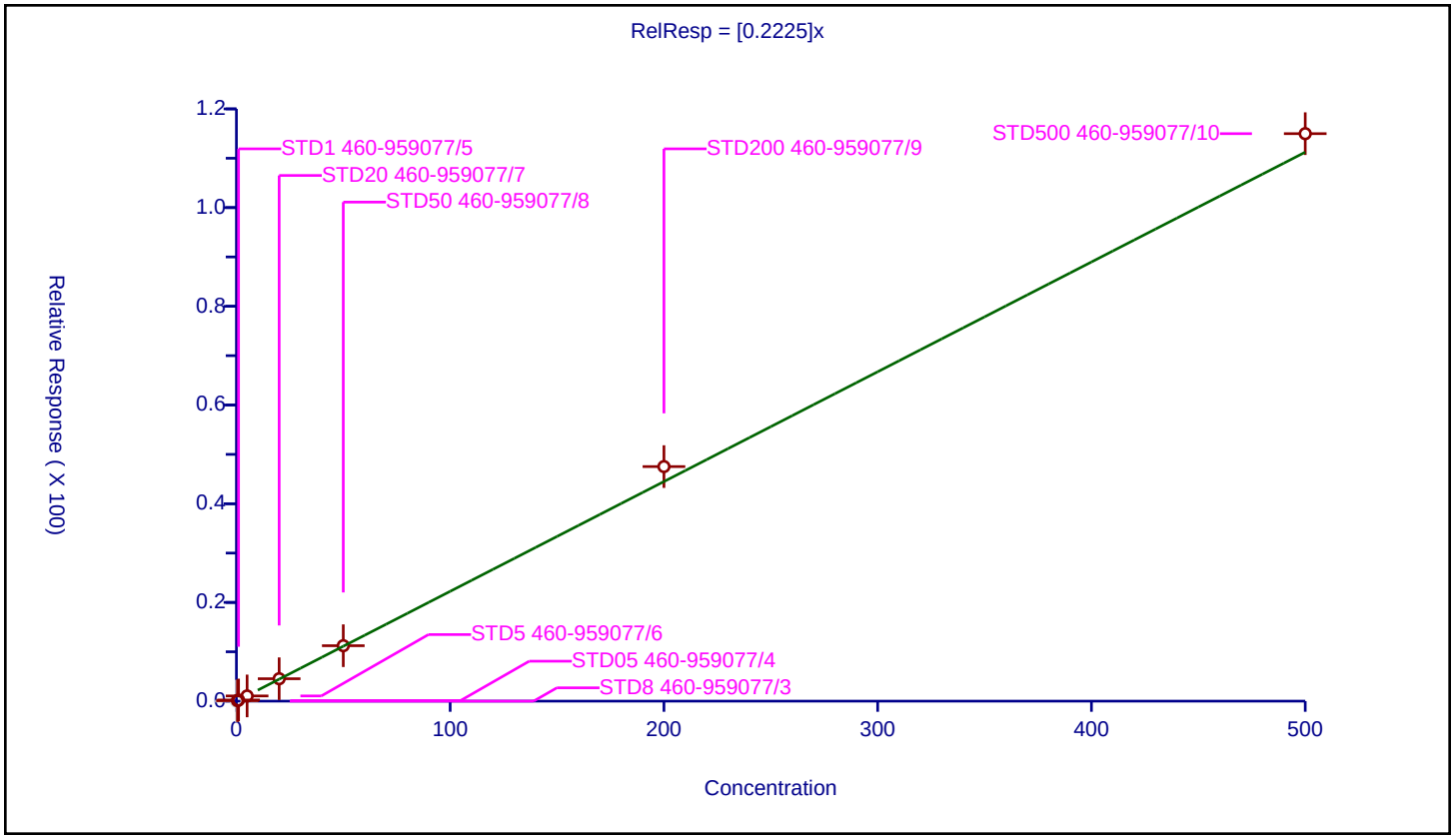
Curve Coefficients

Intercept:	0
Slope:	0.2225

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.100072	50.0	286295.0	0.200143	Y
3	STD1 460-959077/5	1.0	0.227101	50.0	279391.0	0.227101	Y
4	STD5 460-959077/6	5.0	1.053338	50.0	277831.0	0.210668	Y
5	STD20 460-959077/7	20.0	4.541444	50.0	283357.0	0.227072	Y
6	STD50 460-959077/8	50.0	11.232546	50.0	289912.0	0.224651	Y
7	STD200 460-959077/9	200.0	47.522027	50.0	299297.0	0.23761	Y
8	STD500 460-959077/10	500.0	114.978846	50.0	317204.0	0.229958	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

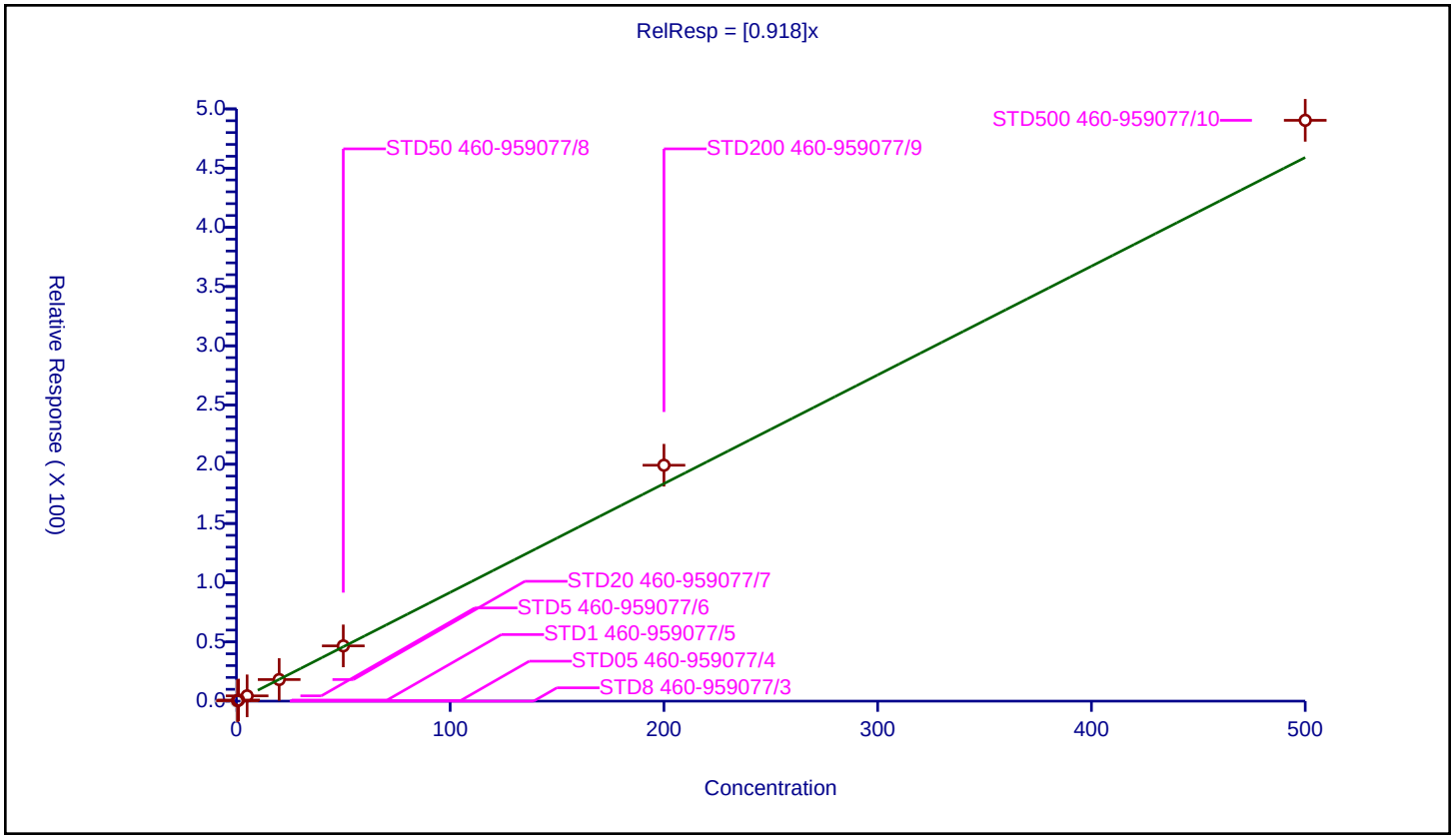
Curve Coefficients

Intercept:	0
Slope:	0.918

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.399239	50.0	286295.0	0.798477	Y
3	STD1 460-959077/5	1.0	0.916816	50.0	279391.0	0.916816	Y
4	STD5 460-959077/6	5.0	4.453427	50.0	277831.0	0.890685	Y
5	STD20 460-959077/7	20.0	18.213596	50.0	283357.0	0.91068	Y
6	STD50 460-959077/8	50.0	46.636393	50.0	289912.0	0.932728	Y
7	STD200 460-959077/9	200.0	199.165378	50.0	299297.0	0.995827	Y
8	STD500 460-959077/10	500.0	490.362984	50.0	317204.0	0.980726	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

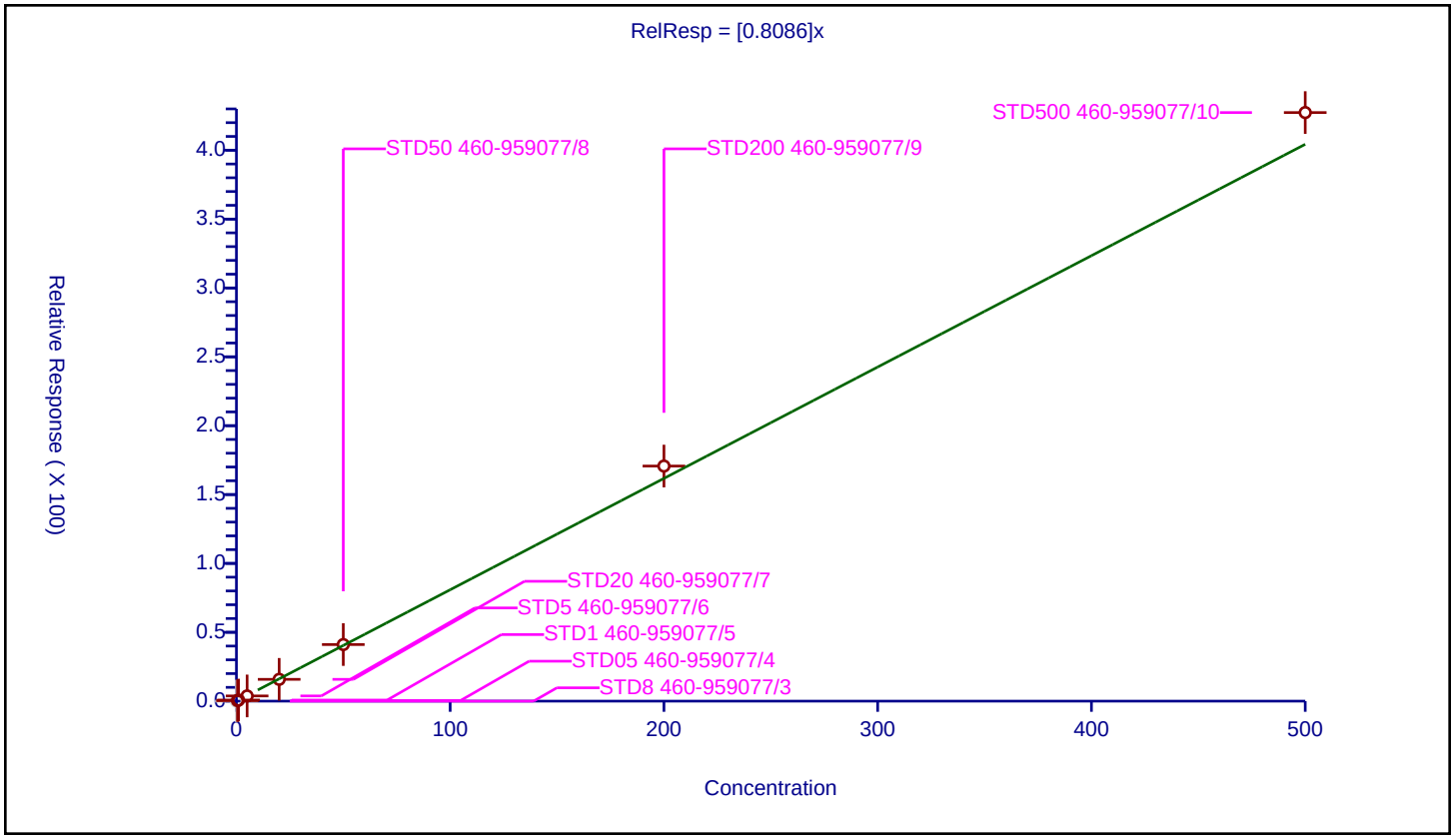
Curve Coefficients

Intercept:	0
Slope:	0.8086

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.400286	50.0	286295.0	0.800573	Y
3	STD1 460-959077/5	1.0	0.782953	50.0	279391.0	0.782953	Y
4	STD5 460-959077/6	5.0	3.779096	50.0	277831.0	0.755819	Y
5	STD20 460-959077/7	20.0	15.821561	50.0	283357.0	0.791078	Y
6	STD50 460-959077/8	50.0	41.07919	50.0	289912.0	0.821584	Y
7	STD200 460-959077/9	200.0	170.689816	50.0	299297.0	0.853449	Y
8	STD500 460-959077/10	500.0	427.332095	50.0	317204.0	0.854664	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

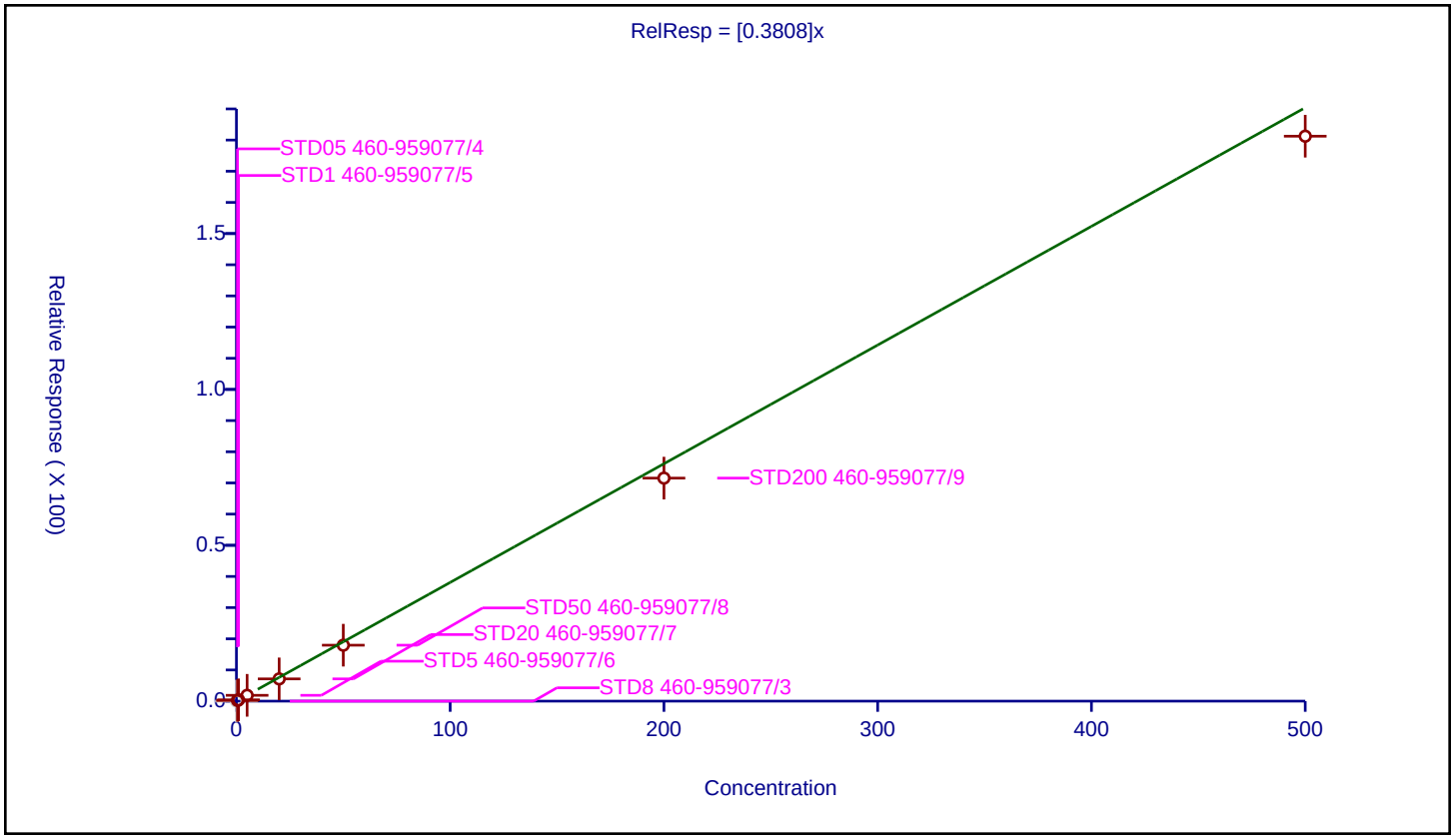
Curve Coefficients

Intercept:	0
Slope:	0.3808

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.222498	50.0	286295.0	0.444996	Y
3	STD1 460-959077/5	1.0	0.410536	50.0	279391.0	0.410536	Y
4	STD5 460-959077/6	5.0	1.869842	50.0	277831.0	0.373968	Y
5	STD20 460-959077/7	20.0	7.137463	50.0	283357.0	0.356873	Y
6	STD50 460-959077/8	50.0	17.948205	50.0	289912.0	0.358964	Y
7	STD200 460-959077/9	200.0	71.550333	50.0	299297.0	0.357752	Y
8	STD500 460-959077/10	500.0	181.241252	50.0	317204.0	0.362483	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

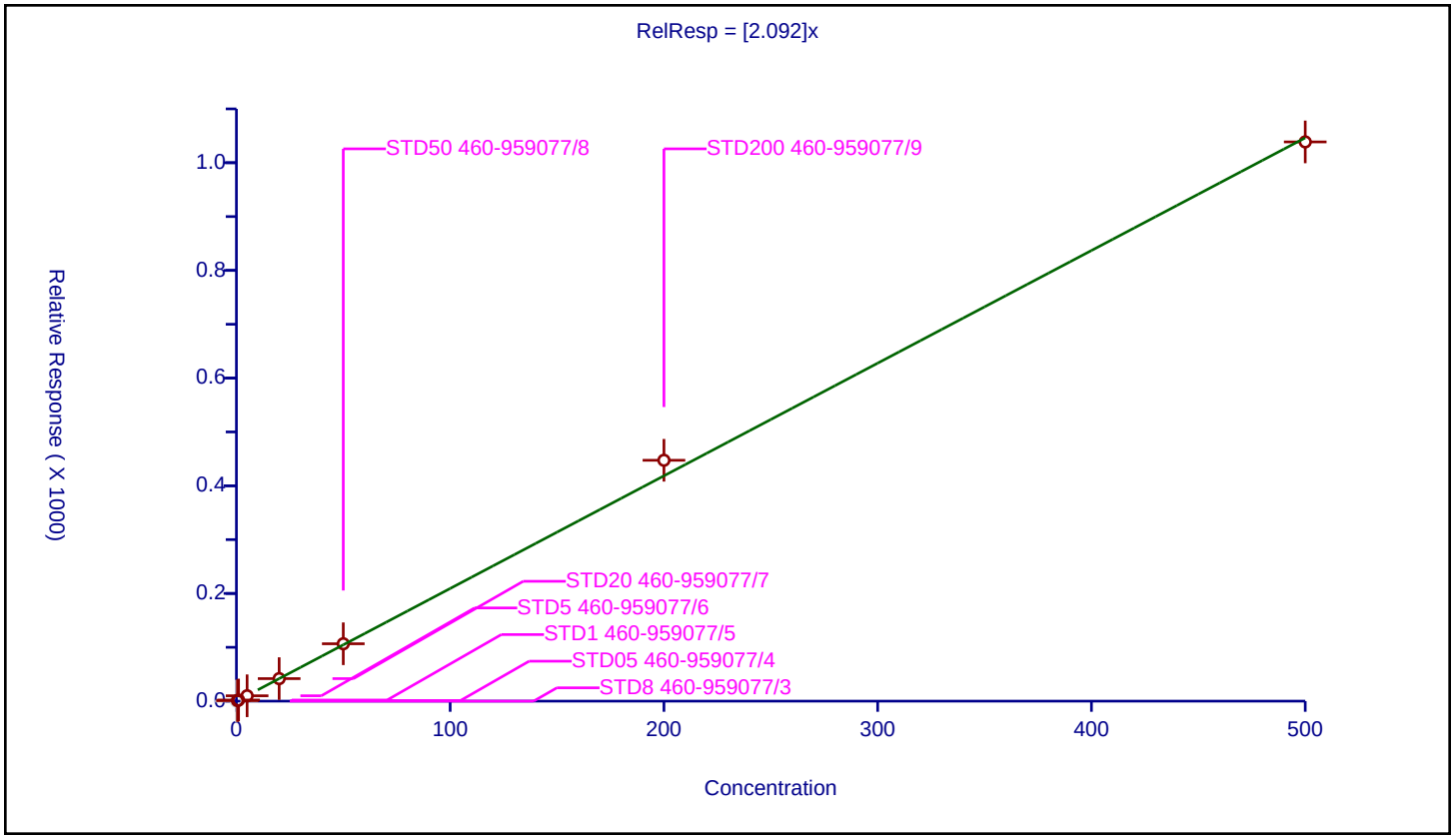
Curve Coefficients

Intercept:	0
Slope:	2.092

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	1.023769	50.0	286295.0	2.047538	Y
3	STD1 460-959077/5	1.0	2.065027	50.0	279391.0	2.065027	Y
4	STD5 460-959077/6	5.0	9.990066	50.0	277831.0	1.998013	Y
5	STD20 460-959077/7	20.0	41.823212	50.0	283357.0	2.091161	Y
6	STD50 460-959077/8	50.0	106.555093	50.0	289912.0	2.131102	Y
7	STD200 460-959077/9	200.0	447.364825	50.0	299297.0	2.236824	Y
8	STD500 460-959077/10	500.0	1038.671171	50.0	317204.0	2.077342	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

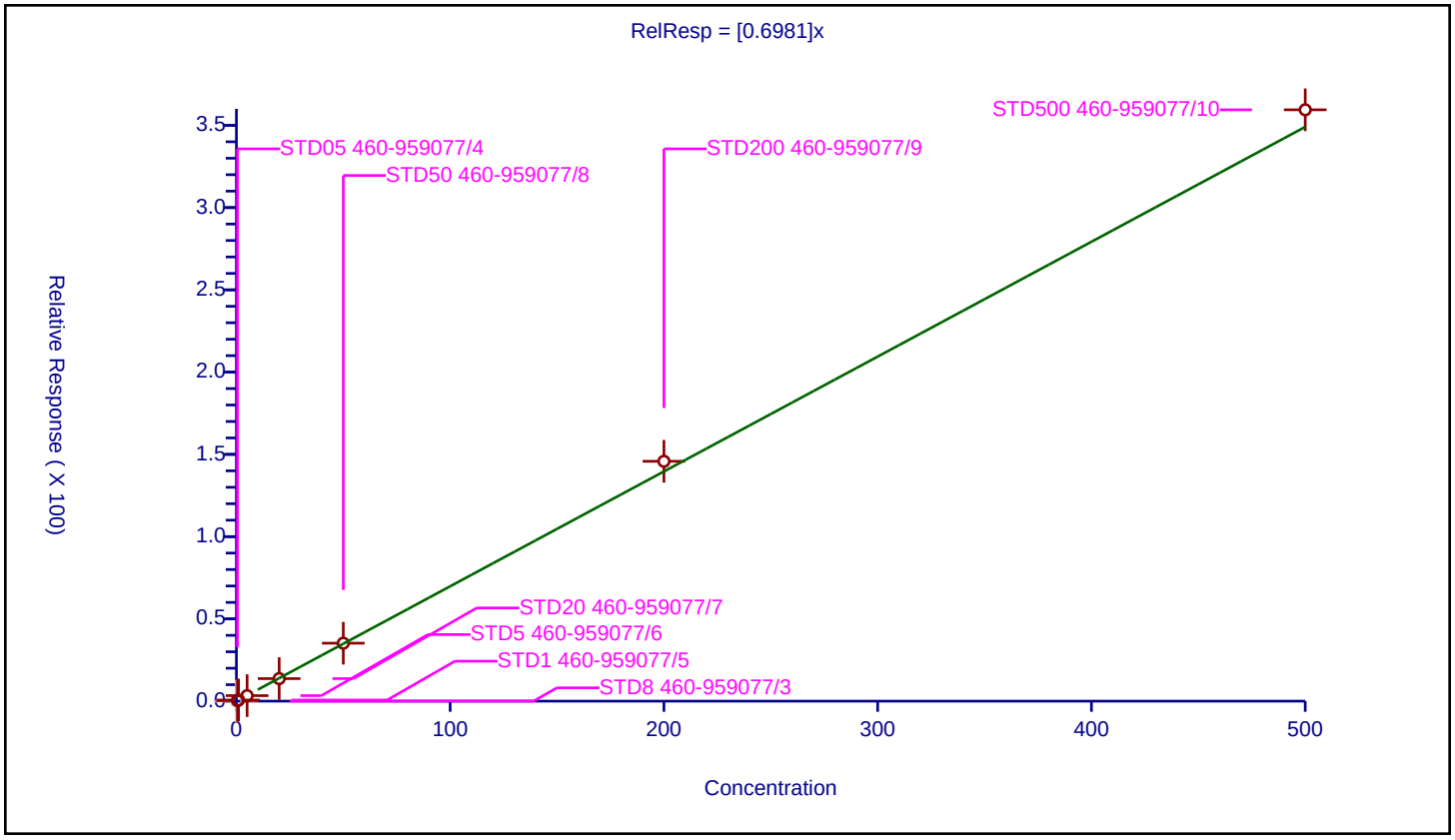
Curve Coefficients

Intercept:	0
Slope:	0.6981

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-959077/3	0.0	0.0	50.0	289722.0	NaN	N
2	STD05 460-959077/4	0.5	0.352783	50.0	286295.0	0.705566	Y
3	STD1 460-959077/5	1.0	0.675219	50.0	279391.0	0.675219	Y
4	STD5 460-959077/6	5.0	3.343399	50.0	277831.0	0.66868	Y
5	STD20 460-959077/7	20.0	13.694738	50.0	283357.0	0.684737	Y
6	STD50 460-959077/8	50.0	35.224654	50.0	289912.0	0.704493	Y
7	STD200 460-959077/9	200.0	145.802664	50.0	299297.0	0.729013	Y
8	STD500 460-959077/10	500.0	359.442504	50.0	317204.0	0.718885	Y



2/27/2024
9:41:16 AM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
Monochloropentafluoroethane	Ave	0.0173	0.0280		32.5	20.0	62.3*	30.0
Chlorotrifluoroethene	Ave	0.0691	0.1026		29.7	20.0	48.6*	30.0
1,1-Difluoroethane	Ave	0.1613	0.1687		20.9	20.0	4.6	30.0
Dichlorodifluoromethane	Ave	0.4567	0.4916	0.1000	21.5	20.0	7.7	30.0
Chlorodifluoromethane	Ave	0.0592	0.0477		16.1	20.0	-19.5	30.0
Chloromethane	Ave	0.4212	0.4001	0.1000	19.0	20.0	-5.0	30.0
Vinyl chloride	Ave	0.5237	0.5261	0.1000	20.1	20.0	0.4	30.0
Butadiene	Ave	0.4309	0.4016		18.6	20.0	-6.8	30.0
Bromomethane	QuaF		0.1649	0.1000	24.0	20.0	20.2	30.0
Chloroethane	Ave	2.176	2.257	0.1000	20.7	20.0	3.7	30.0
Dichlorofluoromethane	Ave	0.7109	0.7046		19.8	20.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.5614	0.6028	0.1000	21.5	20.0	7.4	30.0
Pentane	Ave	0.0531	0.0468		35.2	40.0	-12.0	30.0
Ethanol	Ave	0.2999	0.2762		737	800	-7.9	30.0
Ethyl ether	Lin2		0.2354		17.7	20.0	-11.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2511	0.2323		18.5	20.0	-7.5	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3111	0.3023		19.4	20.0	-2.8	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5040	0.4919		19.5	20.0	-2.4	30.0
Freon TF	Ave	0.3109	0.3066	0.1000	19.7	20.0	-1.4	30.0
Acrolein	Ave	0.0611	0.0370		23.9	39.5	-39.5*	30.0
1,1-Dichloroethene	Ave	0.3423	0.3080	0.1000	18.0	20.0	-10.0	30.0
Acetone	Ave	0.7978	0.6676	0.0500	83.7	100	-16.3	30.0
Iodomethane	QuaF		0.3472		14.5	20.0	-27.5	30.0
Isopropyl alcohol	Ave	3.410	3.231		189	200	-5.3	30.0
Carbon disulfide	Ave	1.128	0.9053	0.1000	16.1	20.0	-19.7	30.0
3-Chloro-1-propene	Ave	0.2050	0.1950		19.0	20.0	-4.9	30.0
Methyl acetate	Ave	0.2173	0.2036	0.1000	37.5	40.0	-6.3	30.0
Cyclopentene	Ave	0.6782	0.5953		17.6	20.0	-12.2	30.0
Acetonitrile	Ave	0.3274	0.3042		186	200	-7.1	30.0
Methylene Chloride	Ave	0.4121	0.3798	0.1000	18.4	20.0	-7.8	30.0
2-Methyl-2-propanol	Ave	6.363	6.016		189	200	-5.5	30.0
MTBE	Ave	0.9232	0.8942	0.1000	19.4	20.0	-3.1	30.0
trans-1,2-Dichloroethene	Ave	0.3846	0.3532	0.1000	18.4	20.0	-8.2	30.0
Acrylonitrile	Ave	0.1320	0.1221		185	200	-7.5	30.0
Hexane	Ave	0.3200	0.2926		18.3	20.0	-8.6	30.0
Isopropyl ether	Ave	0.8068	0.7807		19.4	20.0	-3.2	30.0
1,1-Dichloroethane	Ave	0.6015	0.5520	0.2000	18.4	20.0	-8.2	30.0
Vinyl acetate	Ave	0.4219	0.6143		58.2	40.0	45.6*	30.0
2-Chloro-1,3-butadiene	Ave	0.3228	0.3252		20.1	20.0	0.7	30.0
Tert-butyl ethyl ether	Ave	0.8760	0.8781		20.0	20.0	0.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
2,2-Dichloropropane	Ave	0.1286	0.1301		20.2	20.0	1.1	30.0
cis-1,2-Dichloroethene	Ave	0.4361	0.4146	0.1000	19.0	20.0	-4.9	30.0
2-Butanone	Ave	0.4115	0.3923	0.0500	95.3	100	-4.7	30.0
Ethyl acetate	Ave	0.3334	0.3295		39.5	40.0	-1.2	30.0
Methyl acrylate	Ave	0.3015	0.2957		19.6	20.0	-1.9	30.0
Propionitrile	Ave	0.0521	0.0481		185	200	-7.7	30.0
Chlorobromomethane	Ave	0.2189	0.2052		18.7	20.0	-6.3	30.0
Tetrahydrofuran	Ave	0.4174	0.4113		39.4	40.0	-1.5	30.0
Methacrylonitrile	Ave	0.1616	0.1558		193	200	-3.5	30.0
Chloroform	Ave	0.6410	0.6210	0.2000	19.4	20.0	-3.1	30.0
Cyclohexane	Ave	0.4628	0.4335	0.1000	18.7	20.0	-6.3	30.0
1,1,1-Trichloroethane	Ave	0.5514	0.5170	0.1000	18.8	20.0	-6.2	30.0
Carbon tetrachloride	Ave	0.5065	0.4786	0.1000	18.9	20.0	-5.5	30.0
1,1-Dichloropropene	Ave	0.4853	0.4333		17.9	20.0	-10.7	30.0
Isobutyl alcohol	Ave	3.076	3.094		503	500	0.6	30.0
Isooctane	Ave	0.6140	0.6515		21.2	20.0	6.1	30.0
Benzene	Ave	1.537	1.461	0.5000	19.0	20.0	-5.0	30.0
Isopropyl acetate	Ave	0.1735	0.1673		19.3	20.0	-3.6	30.0
Tert-amyl methyl ether	Ave	0.9236	0.9409		20.4	20.0	1.9	30.0
1,2-Dichloroethane	Ave	0.4224	0.3958	0.1000	18.7	20.0	-6.3	30.0
n-Heptane	Ave	0.2144	0.2070		19.3	20.0	-3.4	30.0
n-Butanol	Ave	1.505	1.465		487	500	-2.7	30.0
Trichloroethene	Ave	0.4080	0.3732	0.2000	18.3	20.0	-8.5	30.0
Methylcyclohexane	Ave	0.4620	0.4405	0.1000	19.1	20.0	-4.7	30.0
Ethyl acrylate	Ave	0.6827	0.6645		19.5	20.0	-2.7	30.0
1,2-Dichloropropane	Ave	0.3453	0.3267	0.1000	18.9	20.0	-5.4	30.0
Methyl methacrylate	Ave	0.1007	0.1008		40.0	40.0	0.0	30.0
1,4-Dioxane	Ave	1.023	0.9234		361	400	-9.7	30.0
Dibromomethane	Ave	0.2528	0.2554		20.2	20.0	1.0	30.0
n-Propyl acetate	Ave	0.3765	0.3649		19.4	20.0	-3.1	30.0
Bromodichloromethane	Ave	0.4960	0.4778	0.2000	19.3	20.0	-3.7	30.0
2-Nitropropane	Ave	0.0730	0.0664		36.4	40.0	-9.0	30.0
2-Chloroethyl vinyl ether	QuaF		0.0256		17.3	20.0	-13.7	30.0
Epichlorohydrin	Ave	0.2218	0.2166		19.5	20.0	-2.3	30.0
cis-1,3-Dichloropropene	Ave	0.6552	0.6052	0.2000	18.5	20.0	-7.6	30.0
4-Methyl-2-pentanone	Ave	2.005	2.036	0.0500	102	100	1.6	30.0
Toluene	Ave	1.743	1.593	0.4000	18.3	20.0	-8.6	30.0
trans-1,3-Dichloropropene	Ave	0.5820	0.5839	0.1000	20.1	20.0	0.3	30.0
Ethyl methacrylate	Ave	0.4424	0.4475		20.2	20.0	1.1	30.0
1,1,2-Trichloroethane	Ave	0.3301	0.3223	0.1000	19.5	20.0	-2.4	30.0
Tetrachloroethene	Ave	0.4805	0.4693	0.2000	19.5	20.0	-2.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
1,3-Dichloropropane	Ave	0.5716	0.5954		20.8	20.0	4.2	30.0
2-Hexanone	Ave	1.452	1.435	0.0500	98.8	100	-1.2	30.0
n-Butyl acetate	Ave	0.4244	0.4142		19.5	20.0	-2.4	30.0
Dibromochloromethane	Ave	0.4671	0.4716	0.1000	20.2	20.0	1.0	30.0
1,2-Dibromoethane	Ave	0.4078	0.4075	0.1000	20.0	20.0	-0.0	30.0
Chlorobenzene	Ave	1.124	1.096	0.5000	19.5	20.0	-2.5	30.0
Ethylbenzene	Ave	0.5846	0.5578	0.1000	19.1	20.0	-4.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3953	0.4187		21.2	20.0	5.9	30.0
m-Xylene & p-Xylene	Ave	0.7091	0.6705	0.1000	18.9	20.0	-5.4	30.0
o-Xylene	Ave	0.6968	0.6580	0.3000	18.9	20.0	-5.6	30.0
n-Butyl acrylate	Ave	0.2826	0.2923		20.7	20.0	3.5	30.0
Styrene	Ave	1.120	1.132	0.3000	20.2	20.0	1.0	30.0
Bromoform	Ave	0.3738	0.3579	0.1000	19.2	20.0	-4.2	30.0
Amyl acetate (mixed isomers)	Ave	0.8207	0.8279		20.2	20.0	0.9	30.0
Isopropylbenzene	Ave	1.659	1.636	0.1000	19.7	20.0	-1.4	30.0
Bromobenzene	Ave	0.9133	0.8909		19.5	20.0	-2.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8402	0.8888	0.3000	21.2	20.0	5.8	30.0
N-Propylbenzene	Ave	3.484	3.407		19.6	20.0	-2.2	30.0
1,2,3-Trichloropropane	Ave	0.2615	0.2702		20.7	20.0	3.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1984	0.2013		20.3	20.0	1.5	30.0
2-Chlorotoluene	Ave	2.301	2.258		19.6	20.0	-1.9	30.0
4-Ethyltoluene	Ave	2.921	2.935		20.1	20.0	0.5	30.0
1,3,5-Trimethylbenzene	Ave	2.310	2.279		19.7	20.0	-1.3	30.0
4-Chlorotoluene	Ave	2.287	2.273		19.9	20.0	-0.6	30.0
Butyl Methacrylate	Ave	0.8198	0.8405		20.5	20.0	2.5	30.0
tert-Butylbenzene	Ave	1.987	1.963		19.8	20.0	-1.2	30.0
1,2,4-Trimethylbenzene	Ave	2.383	2.314		19.4	20.0	-2.9	30.0
sec-Butylbenzene	Ave	2.811	2.755		19.6	20.0	-2.0	30.0
1,3-Dichlorobenzene	Ave	1.522	1.486	0.6000	19.5	20.0	-2.4	30.0
4-Isopropyltoluene	Ave	2.389	2.319		19.4	20.0	-2.9	30.0
1,4-Dichlorobenzene	Ave	1.554	1.510	0.5000	19.4	20.0	-2.8	30.0
1,2,3-Trimethylbenzene	Ave	2.426	2.386		19.7	20.0	-1.7	30.0
Benzyl chloride	Ave	1.511	1.713		22.7	20.0	13.4	30.0
Indan	Ave	2.521	2.520		20.0	20.0	-0.0	30.0
p-Diethylbenzene	Ave	1.440	1.439		20.0	20.0	-0.1	30.0
n-Butylbenzene	Ave	1.118	1.100		19.7	20.0	-1.6	30.0
1,2-Dichlorobenzene	Ave	1.378	1.362	0.4000	19.8	20.0	-1.2	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.004	2.027		20.2	20.0	1.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2225	0.2120	0.0500	19.1	20.0	-4.7	30.0
1,3,5-Trichlorobenzene	Ave	0.9180	0.9226		20.1	20.0	0.5	30.0
1,2,4-Trichlorobenzene	Ave	0.8086	0.7974	0.2000	19.7	20.0	-1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: ICV 460-959077/15 Calibration Date: 02/13/2024 04:14

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675089.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
Hexachlorobutadiene	Ave	0.3808	0.4135		21.7	20.0	8.6	30.0
Naphthalene	Ave	2.092	2.028		19.4	20.0	-3.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6981	0.6775		19.4	20.0	-2.9	30.0
Dibromofluoromethane (Surr)	Ave	0.3061	0.3113		50.8	50.0	1.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2653		48.6	50.0	-2.9	30.0
Toluene-d8 (Surr)	Ave	1.145	1.158		50.6	50.0	1.2	30.0
Bromofluorobenzene	Ave	0.4443	0.4493		50.6	50.0	1.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675089.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-Feb-2024 04:14:15 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0172222-015
Operator ID: Instrument ID: CVOAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Feb-2024 12:09:21 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: W9CM Date: 15-Feb-2024 12:09:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.312	1.313	-0.001	91	7052	20.0	32.5	
3 Chlorotrifluoroethene	116	1.417	1.418	-0.001	87	25816	20.0	29.7	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	92	42440	20.0	20.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	98	123670	20.0	21.5	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	97	12000	20.0	16.1	
6 Chloromethane	50	1.632	1.633	0.000	99	100660	20.0	19.0	
7 Vinyl chloride	62	1.716	1.716	0.000	83	132339	20.0	20.1	
8 Butadiene	54	1.742	1.743	-0.001	88	101038	20.0	18.6	
9 Bromomethane	94	2.015	2.010	0.005	98	41484	20.0	24.0	
10 Chloroethane	64	2.104	2.104	0.000	96	66643	20.0	20.7	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	97	177245	20.0	19.8	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	88	151653	20.0	21.5	
13 Pentane	72	2.345	2.346	-0.001	96	23529	40.0	35.2	
14 Ethanol	46	2.503	2.503	0.000	100	14537	800.0	736.8	
15 Ethyl ether	59	2.550	2.550	0.000	92	59219	20.0	17.7	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	92	58437	20.0	18.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	92	76049	20.0	19.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	88	123744	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	97	77121	20.0	19.7	
19 Acrolein	56	2.733	2.734	-0.001	49	18371	39.5	23.9	M
20 1,1-Dichloroethene	96	2.765	2.765	0.000	86	77479	20.0	18.0	
22 Acetone	43	2.864	2.865	-0.001	90	98570	100.0	83.7	
23 Iodomethane	142	2.927	2.928	-0.001	98	87336	20.0	14.5	
25 Isopropyl alcohol	45	2.953	2.959	-0.006	37	42510	200.0	189.5	
24 Carbon disulfide	76	2.959	2.959	0.000	98	227744	20.0	16.1	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	80	49061	20.0	19.0	
28 Methyl acetate	43	3.121	3.127	-0.006	95	102435	40.0	37.5	
29 Cyclopentene	67	3.132	3.132	0.000	93	149769	20.0	17.6	
26 Acetonitrile	41	3.179	3.179	0.000	98	89815	200.0	185.8	
* 31 TBA-d9 (IS)	66	3.231	3.232	-0.001	97	65790	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	3.247	3.247	0.000	65	95558	20.0	18.4	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	79157	200.0	189.1	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	224960	20.0	19.4	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	80	88850	20.0	18.4	
33 Acrylonitrile	53	3.535	3.536	-0.001	95	307097	200.0	185.0	
36 Hexane	57	3.625	3.630	-0.005	85	73620	20.0	18.3	
40 Isopropyl ether	45	3.861	3.861	0.000	95	196393	20.0	19.4	
37 1,1-Dichloroethane	63	3.897	3.898	-0.001	94	138867	20.0	18.4	
38 Vinyl acetate	86	3.918	3.913	0.005	99	36280	40.0	58.2	
39 2-Chloro-1,3-butadiene	88	3.944	3.945	-0.001	83	81805	20.0	20.1	
41 Tert-butyl ethyl ether	59	4.217	4.217	0.000	90	220914	20.0	20.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	91	369103	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	69	32720	20.0	20.2	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	88	104300	20.0	19.0	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	99	57914	100.0	95.3	
47 Ethyl acetate	70	4.511	4.511	0.000	97	19457	40.0	39.5	
48 Methyl acrylate	55	4.568	4.569	-0.001	99	74396	20.0	19.6	
46 Propionitrile	54	4.647	4.647	0.000	98	120950	200.0	184.5	
49 Chlorobromomethane	128	4.736	4.736	0.000	76	51620	20.0	18.7	
51 Tetrahydrofuran	72	4.736	4.736	0.000	77	24288	40.0	39.4	
50 Methacrylonitrile	67	4.768	4.768	0.000	82	392037	200.0	192.9	
52 Chloroform	83	4.799	4.799	0.000	94	156224	20.0	19.4	
55 Cyclohexane	84	4.941	4.941	0.000	82	109046	20.0	18.7	
54 1,1,1-Trichloroethane	97	4.956	4.957	-0.001	91	130073	20.0	18.8	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	97	195761	50.0	50.8	
56 Carbon tetrachloride	117	5.093	5.093	0.000	89	120405	20.0	18.9	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	108994	20.0	17.9	
59 Isobutyl alcohol	43	5.287	5.282	0.005	95	101763	500.0	502.8	
62 Isooctane	57	5.334	5.329	0.005	99	163904	20.0	21.2	a
60 Benzene	78	5.360	5.360	0.000	94	331265	20.0	19.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	166838	50.0	48.6	
64 Tert-amyl methyl ether	73	5.444	5.444	0.000	83	236708	20.0	20.4	
63 Isopropyl acetate	61	5.444	5.444	0.000	82	42091	20.0	19.3	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	91	99561	20.0	18.7	
66 n-Heptane	43	5.549	5.549	0.000	83	52081	20.0	19.3	
* 65 Fluorobenzene	96	5.701	5.701	0.000	100	628924	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	79	48188	500.0	486.5	
67 Trichloroethene	95	6.110	6.110	0.000	92	93879	20.0	18.3	
70 Methylcyclohexane	83	6.257	6.257	0.000	83	110807	20.0	19.1	
69 Ethyl acrylate	55	6.267	6.267	0.000	97	167167	20.0	19.5	
71 1,2-Dichloropropane	63	6.456	6.456	0.000	92	82195	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	57921	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	78	50694	40.0	40.0	
74 1,4-Dioxane	88	6.587	6.587	0.000	59	21393	400.0	361.0	
72 Dibromomethane	93	6.603	6.603	0.000	93	64260	20.0	20.2	
76 n-Propyl acetate	43	6.629	6.629	0.000	94	91801	20.0	19.4	
77 Dichlorobromomethane	83	6.786	6.786	0.000	94	120193	20.0	19.3	
78 2-Nitropropane	41	7.195	7.190	0.005	91	33408	40.0	36.4	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	65	6443	20.0	17.3	
80 Epichlorohydrin	57	7.321	7.321	0.000	86	6396	20.0	19.5	
81 cis-1,3-Dichloropropene	75	7.389	7.389	0.000	81	137259	20.0	18.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	91	300606	100.0	101.6	

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	7.678	7.678	0.000	98	656711	50.0	50.6	
84 Toluene	91	7.772	7.772	0.000	92	361244	20.0	18.3	
85 trans-1,3-Dichloropropene	75	8.202	8.202	0.000	92	132445	20.0	20.1	
86 Ethyl methacrylate	69	8.254	8.249	0.005	83	101495	20.0	20.2	
87 1,1,2-Trichloroethane	83	8.454	8.459	-0.005	95	73096	20.0	19.5	
88 Tetrachloroethene	166	8.501	8.496	0.005	97	106450	20.0	19.5	
89 1,3-Dichloropropane	76	8.710	8.711	-0.001	86	135041	20.0	20.8	
90 2-Hexanone	43	8.800	8.805	-0.005	90	211835	100.0	98.8	
93 n-Butyl acetate	43	8.952	8.947	0.005	96	93950	20.0	19.5	
91 Chlorodibromomethane	129	8.983	8.983	0.000	96	106953	20.0	20.2	
92 Ethylene Dibromide	107	9.167	9.162	0.005	98	92415	20.0	20.0	
* 94 Chlorobenzene-d5	117	9.832	9.833	-0.001	82	567024	50.0	50.0	
95 Chlorobenzene	112	9.880	9.880	0.000	97	248556	20.0	19.5	
97 Ethylbenzene	106	10.016	10.016	0.000	97	126511	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	54	94958	20.0	21.2	
98 m-Xylene & p-Xylene	106	10.215	10.210	0.005	96	152071	20.0	18.9	
99 o-Xylene	106	10.855	10.850	0.005	95	149245	20.0	18.9	
101 n-Butyl acrylate	73	10.871	10.871	0.000	96	66307	20.0	20.7	
100 Styrene	104	10.902	10.902	0.000	97	256708	20.0	20.2	
102 Bromoform	173	11.222	11.217	0.005	98	81186	20.0	19.2	
103 Amyl acetate (mixed isomers)	43	11.248	11.248	0.000	91	104177	20.0	20.2	
104 Isopropylbenzene	105	11.426	11.427	-0.001	95	370982	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	11.704	11.705	-0.001	96	254791	50.0	50.6	
106 Bromobenzene	156	11.877	11.878	-0.001	87	112104	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	11.966	11.967	-0.001	95	111842	20.0	21.2	
110 N-Propylbenzene	91	11.998	11.993	0.005	100	428666	20.0	19.6	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	93	34002	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	92	25337	20.0	20.3	
111 2-Chlorotoluene	91	12.124	12.124	0.000	96	284105	20.0	19.6	
112 4-Ethyltoluene	105	12.150	12.150	0.000	99	369348	20.0	20.1	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	286842	20.0	19.7	
113 4-Chlorotoluene	91	12.270	12.271	-0.001	96	286031	20.0	19.9	
115 Butyl Methacrylate	87	12.391	12.391	0.000	81	105771	20.0	20.5	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	247052	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	0.000	96	291224	20.0	19.4	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	346636	20.0	19.6	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	186998	20.0	19.5	
122 4-Isopropyltoluene	119	13.015	13.015	0.000	95	291843	20.0	19.4	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	314590	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	190021	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	-0.001	97	300206	20.0	19.7	
124 Benzyl chloride	91	13.261	13.262	-0.001	100	215610	20.0	22.7	
125 2,3-Dihydroindene	117	13.324	13.325	-0.001	90	317144	20.0	20.0	
127 p-Diethylbenzene	119	13.408	13.409	-0.001	95	181035	20.0	20.0	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	138410	20.0	19.7	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	98	171349	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.143	-0.001	96	255027	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	88	26674	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	96	116098	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	92	100347	20.0	19.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	82	52038	20.0	21.7	
134 Naphthalene	128	15.091	15.092	-0.001	99	255159	20.0	19.4	

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	15.280	15.280	0.000	92	85254	20.0	19.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.4	
S 137 Xylenes, Total	100				0		40.0	37.8	
S 140 Total BTEX	1				0		100.0	94.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00161	Amount Added:	4.00	Units: uL	
7 Freons SS_00010	Amount Added:	20.00	Units: uL	
GAS C SP_00554	Amount Added:	20.00	Units: uL	
8260 SP_00176	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00069	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 15-Feb-2024 12:09:44 Chrom Revision: 2.3 14-Feb-2024 16:13:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675089.D

Injection Date: 13-Feb-2024 04:14:15 Instrument ID: CVOAMS15

Lims ID: ICV

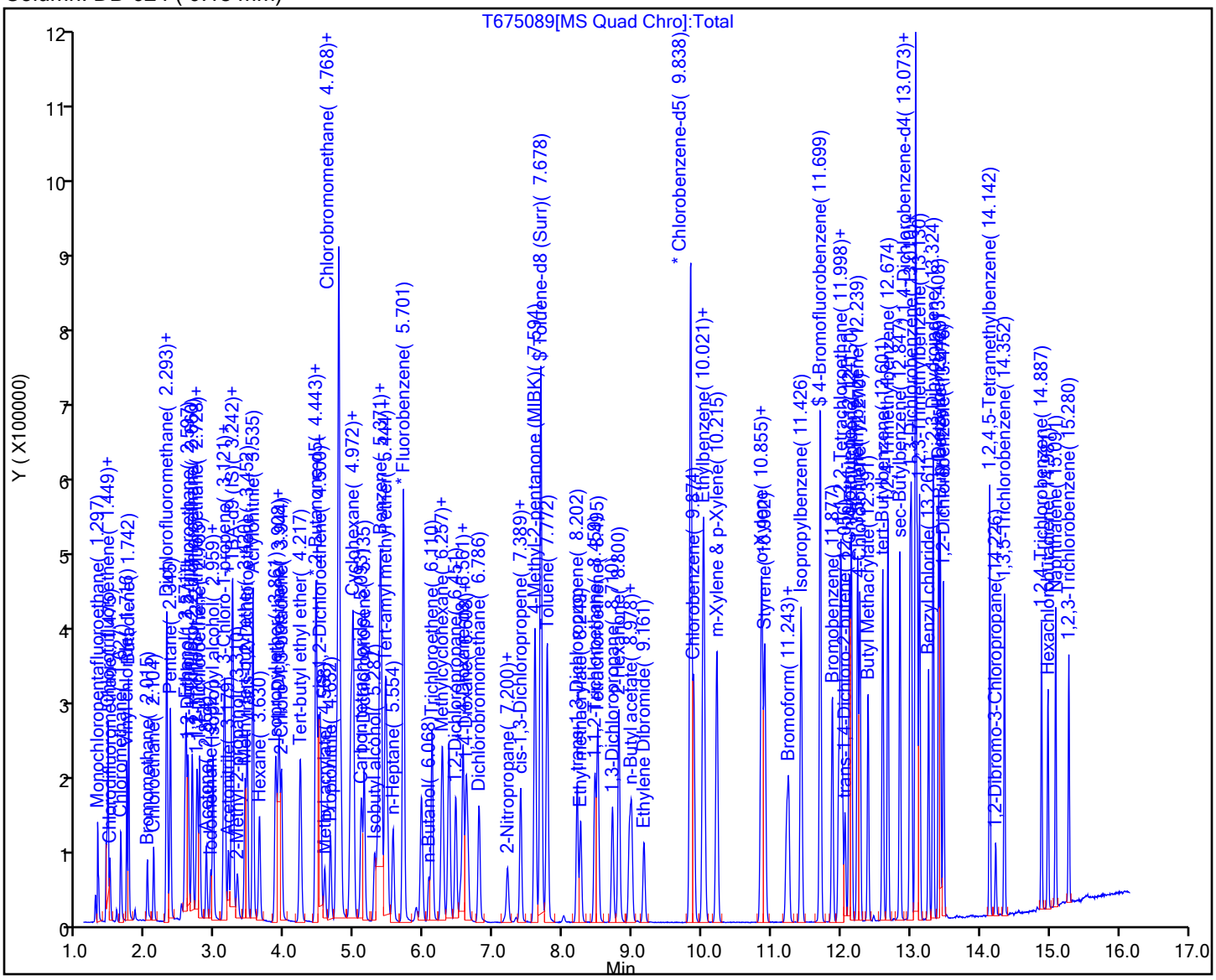
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

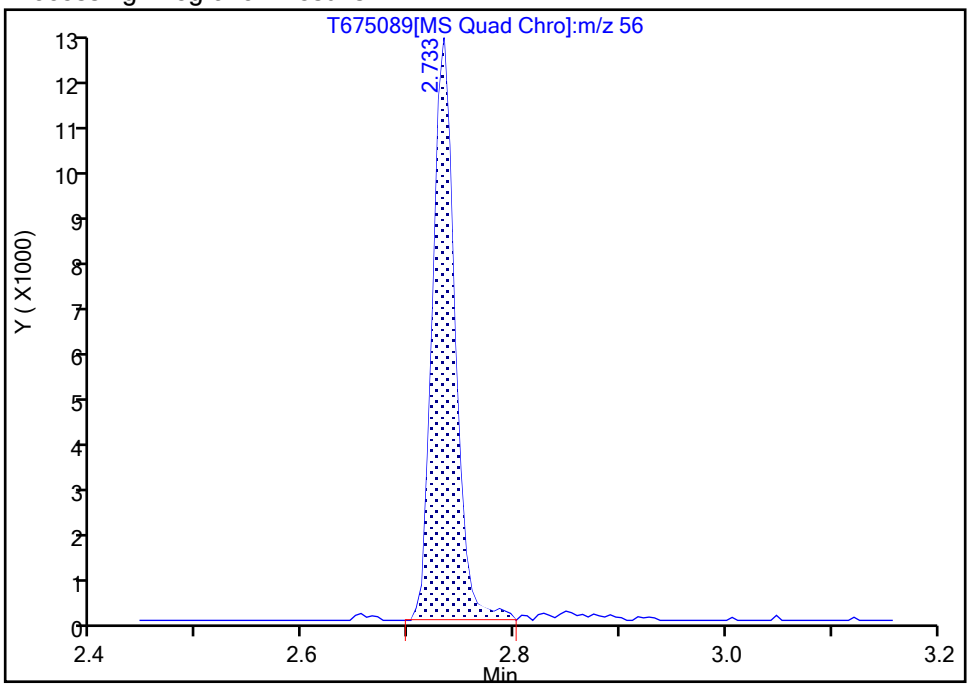
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Injection Date: 13-Feb-2024 04:14:15 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

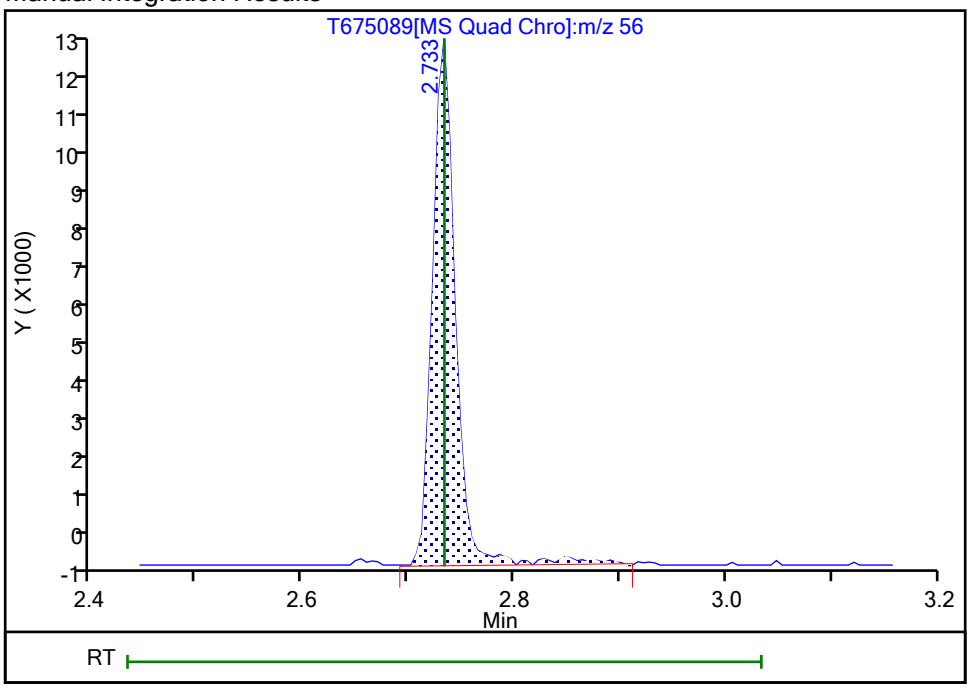
Processing Integration Results

RT: 2.73
Area: 17748
Amount: 23.085267
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 18371
Amount: 23.895619
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 04:39:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

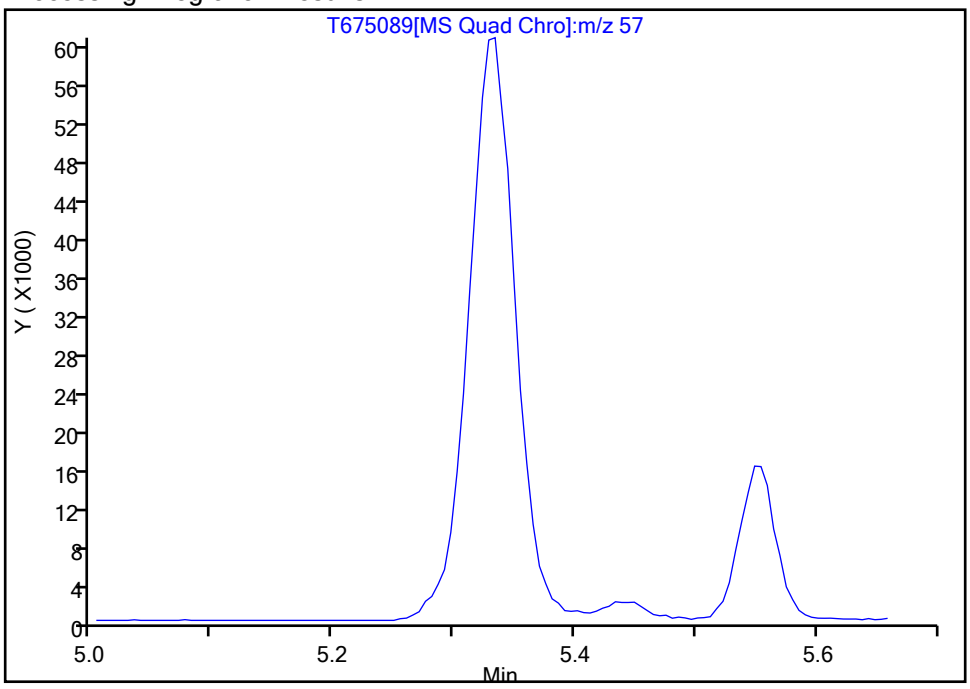
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Injection Date: 13-Feb-2024 04:14:15 Instrument ID: CVOAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

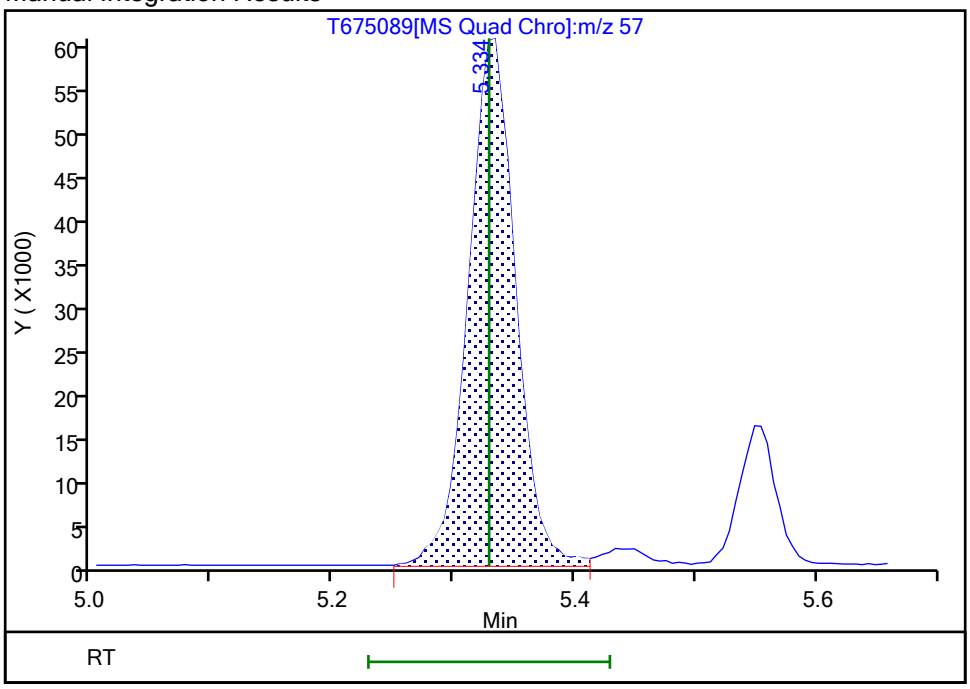
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 163904
Amount: 21.220726
Amount Units: ug/l



Reviewer: HVW2, 13-Feb-2024 04:37:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
Monochloropentafluoroethane	Ave	0.0173	0.0074		8.59	20.0	-57.1*	20.0
Chlorotrifluoroethene	Ave	0.0691	0.0327		9.47	20.0	-52.7*	20.0
1,1-Difluoroethane	Ave	0.1613	0.1272		15.8	20.0	-21.2*	20.0
Dichlorodifluoromethane	Ave	0.4567	0.3075	0.1000	13.5	20.0	-32.7*	20.0
Chlorodifluoromethane	Ave	0.0592	0.0461		15.5	20.0	-22.3*	20.0
Chloromethane	Ave	0.4212	0.3395	0.1000	16.1	20.0	-19.4	20.0
Vinyl chloride	Ave	0.5237	0.4199	0.1000	16.0	20.0	-19.8	20.0
Butadiene	Ave	0.4309	0.3600		16.7	20.0	-16.5	20.0
Bromomethane	QuaF		0.1109	0.1000	16.6	20.0	-17.2	50.0
Chloroethane	Ave	2.176	2.029	0.1000	18.6	20.0	-6.8	50.0
Dichlorofluoromethane	Ave	0.7109	0.6763		19.0	20.0	-4.9	20.0
Trichlorofluoromethane	Ave	0.5614	0.4939	0.1000	17.6	20.0	-12.0	20.0
Pentane	Ave	0.0531	0.0424		31.9	40.0	-20.3*	20.0
Ethanol	Ave	0.2999	0.3940		1050	800	31.4	50.0
Ethyl ether	Lin2		0.2643		19.9	20.0	-0.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2511	0.2409		19.2	20.0	-4.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3111	0.2408		15.5	20.0	-22.6*	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5040	0.3960		15.7	20.0	-21.4*	20.0
Freon TF	Ave	0.3109	0.2471	0.1000	15.9	20.0	-20.5*	20.0
Acrolein	Ave	0.0611	0.0703		46.0	40.0	15.1	50.0
1,1-Dichloroethene	Ave	0.3423	0.2910	0.1000	17.0	20.0	-15.0	20.0
Acetone	Ave	0.7978	0.7051	0.0500	88.4	100	-11.6	50.0
Iodomethane	QuaF		0.3260		13.6	20.0	-32.0*	20.0
Isopropyl alcohol	Ave	3.410	4.261		250	200	24.9	50.0
Carbon disulfide	Ave	1.128	0.9626	0.1000	17.1	20.0	-14.6	50.0
3-Chloro-1-propene	Ave	0.2050	0.2071		20.2	20.0	1.0	20.0
Methyl acetate	Ave	0.2173	0.2221	0.1000	40.9	40.0	2.2	20.0
Cyclopentene	Ave	0.6782	0.5985		17.6	20.0	-11.8	20.0
Acetonitrile	Ave	0.3274	0.3707		226	200	13.2	20.0
Methylene Chloride	Ave	0.4121	0.3626	0.1000	17.6	20.0	-12.0	20.0
2-Methyl-2-propanol	Ave	6.363	7.133		224	200	12.1	50.0
MTBE	Ave	0.9232	0.9004	0.1000	19.5	20.0	-2.5	20.0
trans-1,2-Dichloroethene	Ave	0.3846	0.3244	0.1000	16.9	20.0	-15.7	20.0
Acrylonitrile	Ave	0.1320	0.1373		208	200	4.0	20.0
Hexane	Ave	0.3200	0.2769		17.3	20.0	-13.5	20.0
Isopropyl ether	Ave	0.8068	0.8700		21.6	20.0	7.8	20.0
1,1-Dichloroethane	Ave	0.6015	0.5595	0.2000	18.6	20.0	-7.0	20.0
Vinyl acetate	Ave	0.4219	0.6131		58.1	40.0	45.3*	20.0
2-Chloro-1,3-butadiene	Ave	0.3228	0.2822		17.5	20.0	-12.6	20.0
Tert-butyl ethyl ether	Ave	0.8760	0.8697		19.9	20.0	-0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
2,2-Dichloropropane	Ave	0.1286	0.1201		18.7	20.0	-6.6	20.0
cis-1,2-Dichloroethene	Ave	0.4361	0.3669	0.1000	16.8	20.0	-15.9	20.0
2-Butanone	Ave	0.4115	0.3565	0.0500	86.6	100	-13.4	50.0
Ethyl acetate	Ave	0.3334	0.2883		34.6	40.0	-13.5	20.0
Methyl acrylate	Ave	0.3015	0.2950		19.6	20.0	-2.2	20.0
Propionitrile	Ave	0.0521	0.0534		205	200	2.5	20.0
Tetrahydrofuran	Ave	0.4174	0.3737		35.8	40.0	-10.5	20.0
Chlorobromomethane	Ave	0.2189	0.1804		16.5	20.0	-17.6	20.0
Methacrylonitrile	Ave	0.1616	0.1511		187	200	-6.5	20.0
Chloroform	Ave	0.6410	0.5572	0.2000	17.4	20.0	-13.1	20.0
Cyclohexane	Ave	0.4628	0.3715	0.1000	16.1	20.0	-19.7	50.0
1,1,1-Trichloroethane	Ave	0.5514	0.4705	0.1000	17.1	20.0	-14.7	20.0
Carbon tetrachloride	Ave	0.5065	0.4346	0.1000	17.2	20.0	-14.2	20.0
1,1-Dichloropropene	Ave	0.4853	0.4107		16.9	20.0	-15.4	20.0
Isobutyl alcohol	Ave	3.076	3.115		506	500	1.3	50.0
Isooctane	Ave	0.6140	0.5215		17.0	20.0	-15.1	20.0
Benzene	Ave	1.537	1.639	0.5000	21.3	20.0	6.6	20.0
Isopropyl acetate	Ave	0.1735	0.1648		19.0	20.0	-5.0	20.0
Tert-amyl methyl ether	Ave	0.9236	0.8522		18.5	20.0	-7.7	20.0
1,2-Dichloroethane	Ave	0.4224	0.3740	0.1000	17.7	20.0	-11.5	20.0
n-Heptane	Ave	0.2144	0.1960		18.3	20.0	-8.5	20.0
n-Butanol	Ave	1.505	1.848		614	500	22.8	50.0
Trichloroethene	Ave	0.4080	0.3330	0.2000	16.3	20.0	-18.4	20.0
Methylcyclohexane	Ave	0.4620	0.3801	0.1000	16.5	20.0	-17.7	50.0
Ethyl acrylate	Ave	0.6827	0.6407		18.8	20.0	-6.1	20.0
1,2-Dichloropropane	Ave	0.3453	0.3194	0.1000	18.5	20.0	-7.5	20.0
Methyl methacrylate	Ave	0.1007	0.0866		34.4	40.0	-14.1	20.0
1,4-Dioxane	Ave	1.023	1.251		489	400	22.2	50.0
Dibromomethane	Ave	0.2528	0.2154		17.0	20.0	-14.8	20.0
n-Propyl acetate	Ave	0.3765	0.3744		19.9	20.0	-0.6	20.0
Bromodichloromethane	Ave	0.4960	0.4388	0.2000	17.7	20.0	-11.5	20.0
2-Nitropropane	Ave	0.0730	0.0695		38.1	40.0	-4.8	20.0
2-Chloroethyl vinyl ether	QuaF		0.0294		19.9	20.0	-0.9	20.0
Epichlorohydrin	Ave	0.2218	0.2139		386	400	-3.6	20.0
cis-1,3-Dichloropropene	Ave	0.6552	0.7169	0.2000	21.9	20.0	9.4	50.0
4-Methyl-2-pentanone	Ave	2.005	2.017	0.0500	101	100	0.6	50.0
Toluene	Ave	1.743	1.740	0.4000	20.0	20.0	-0.2	20.0
trans-1,3-Dichloropropene	Ave	0.5820	0.6482	0.1000	22.3	20.0	11.4	50.0
Ethyl methacrylate	Ave	0.4424	0.4921		22.2	20.0	11.2	20.0
1,1,2-Trichloroethane	Ave	0.3301	0.3408	0.1000	20.7	20.0	3.3	20.0
Tetrachloroethene	Ave	0.4805	0.4575	0.2000	19.0	20.0	-4.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
1,3-Dichloropropane	Ave	0.5716	0.6458		22.6	20.0	13.0	20.0
2-Hexanone	Ave	1.452	1.405	0.0500	96.7	100	-3.3	50.0
n-Butyl acetate	Ave	0.4244	0.5155		24.3	20.0	21.5*	20.0
Dibromochloromethane	Ave	0.4671	0.4722	0.1000	20.2	20.0	1.1	50.0
1,2-Dibromoethane	Ave	0.4078	0.4092	0.1000	20.1	20.0	0.4	20.0
Chlorobenzene	Ave	1.124	1.129	0.5000	20.1	20.0	0.4	20.0
Ethylbenzene	Ave	0.5846	0.5982	0.1000	20.5	20.0	2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3953	0.4217		21.3	20.0	6.7	20.0
m-Xylene & p-Xylene	Ave	0.7091	0.7236	0.1000	20.4	20.0	2.0	20.0
o-Xylene	Ave	0.6968	0.7126	0.3000	20.5	20.0	2.3	20.0
n-Butyl acrylate	Ave	0.2826	0.3116		22.1	20.0	10.3	20.0
Styrene	Ave	1.120	1.174	0.3000	21.0	20.0	4.8	20.0
Bromoform	Ave	0.3738	0.3521	0.1000	18.8	20.0	-5.8	20.0
Amyl acetate (mixed isomers)	Ave	0.8207	1.088		26.5	20.0	32.6*	20.0
Isopropylbenzene	Ave	1.659	1.785	0.1000	21.5	20.0	7.6	20.0
Bromobenzene	Ave	0.9133	0.9504		20.8	20.0	4.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8402	0.996	0.3000	23.7	20.0	18.6	20.0
N-Propylbenzene	Ave	3.484	4.170		23.9	20.0	19.7	20.0
1,2,3-Trichloropropane	Ave	0.2615	0.2918		22.3	20.0	11.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1984	0.2398		24.2	20.0	20.8*	20.0
2-Chlorotoluene	Ave	2.301	2.675		23.3	20.0	16.3	20.0
4-Ethyltoluene	Ave	2.921	3.439		23.6	20.0	17.8	20.0
1,3,5-Trimethylbenzene	Ave	2.310	2.714		23.5	20.0	17.5	20.0
4-Chlorotoluene	Ave	2.287	2.659		23.3	20.0	16.3	20.0
Butyl Methacrylate	Ave	0.8198	0.9456		23.1	20.0	15.3	20.0
tert-Butylbenzene	Ave	1.987	2.321		23.4	20.0	16.8	20.0
1,2,4-Trimethylbenzene	Ave	2.383	2.811		23.6	20.0	18.0	20.0
sec-Butylbenzene	Ave	2.811	3.349		23.8	20.0	19.2	20.0
1,3-Dichlorobenzene	Ave	1.522	1.647	0.6000	21.6	20.0	8.2	20.0
4-Isopropyltoluene	Ave	2.389	2.832		23.7	20.0	18.5	20.0
1,4-Dichlorobenzene	Ave	1.554	1.627	0.5000	20.9	20.0	4.7	20.0
1,2,3-Trimethylbenzene	Ave	2.426	2.776		22.9	20.0	14.4	20.0
Benzyl chloride	Ave	1.511	1.864		24.7	20.0	23.4	50.0
Indan	Ave	2.521	2.768		22.0	20.0	9.8	20.0
p-Diethylbenzene	Ave	1.440	1.677		23.3	20.0	16.4	20.0
n-Butylbenzene	Ave	1.118	1.348		24.1	20.0	20.6*	20.0
1,2-Dichlorobenzene	Ave	1.378	1.474	0.4000	21.4	20.0	7.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.004	2.330		23.3	20.0	16.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2225	0.2332	0.0500	21.0	20.0	4.8	50.0
1,3,5-Trichlorobenzene	Ave	0.9180	0.9820		21.4	20.0	7.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8086	0.8381	0.2000	20.7	20.0	3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Lab Sample ID: CCVIS 460-961143/3 Calibration Date: 02/26/2024 07:00

Instrument ID: CVOAMS15 Calib Start Date: 02/12/2024 23:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/13/2024 02:20

Lab File ID: T675581.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
Hexachlorobutadiene	Ave	0.3808	0.4017		21.1	20.0	5.5	20.0
Naphthalene	Ave	2.092	2.248		21.5	20.0	7.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6981	0.7141		20.5	20.0	2.3	20.0
Dibromofluoromethane (Surr)	Ave	0.3061	0.2630		43.0	50.0	-14.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2749		50.3	50.0	0.6	20.0
Toluene-d8 (Surr)	Ave	1.145	1.278		55.8	50.0	11.7	20.0
Bromofluorobenzene	Ave	0.4443	0.4085		46.0	50.0	-8.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675581.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-Feb-2024 07:00:18 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0172710-003
Operator ID: Instrument ID: CVOAMS15
Sublist: chrom-8260W_15*sub29

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:21:59 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 07:28:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	39	2043	20.0	8.59	
3 Chlorotrifluoroethene	116	1.417	1.417	0.000	94	9004	20.0	9.47	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	35022	20.0	15.8	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	84676	20.0	13.5	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	12683	20.0	15.5	
6 Chloromethane	50	1.632	1.632	0.000	89	93491	20.0	16.1	
7 Vinyl chloride	62	1.716	1.716	0.000	84	115641	20.0	16.0	
8 Butadiene	54	1.742	1.742	0.000	91	99136	20.0	16.7	
9 Bromomethane	94	2.010	2.010	0.000	96	30527	20.0	16.6	
10 Chloroethane	64	2.104	2.104	0.000	96	70248	20.0	18.6	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	186246	20.0	19.0	
12 Trichlorofluoromethane	101	2.293	2.293	0.000	69	136014	20.0	17.6	
13 Pentane	72	2.345	2.345	0.000	97	23327	40.0	31.9	
14 Ethanol	46	2.503	2.503	0.000	99	21743	800.0	1051.0	
15 Ethyl ether	59	2.550	2.550	0.000	93	72779	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	93	66341	20.0	19.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.602	0.000	85	66323	20.0	15.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	109051	20.0	15.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	68036	20.0	15.9	
19 Acrolein	56	2.733	2.733	0.000	81	38742	40.0	46.0	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	80147	20.0	17.0	
22 Acetone	43	2.859	2.859	0.000	90	122081	100.0	88.4	
23 Iodomethane	142	2.927	2.927	0.000	99	89775	20.0	13.6	
25 Isopropyl alcohol	45	2.954	2.954	0.000	39	58788	200.0	249.9	
24 Carbon disulfide	76	2.959	2.959	0.000	98	265077	20.0	17.1	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	86	57035	20.0	20.2	
28 Methyl acetate	43	3.121	3.121	0.000	95	122309	40.0	40.9	
29 Cyclopentene	67	3.132	3.132	0.000	94	164818	20.0	17.6	
26 Acetonitrile	41	3.179	3.179	0.000	99	128384	200.0	226.5	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	97	68989	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	3.247	3.247	0.000	69	99863	20.0	17.6	
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	98416	200.0	224.2	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	247962	20.0	19.5	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	83	89327	20.0	16.9	
33 Acrylonitrile	53	3.530	3.530	0.000	95	378197	200.0	208.1	
36 Hexane	57	3.625	3.625	0.000	88	76246	20.0	17.3	
40 Isopropyl ether	45	3.861	3.861	0.000	96	239576	20.0	21.6	
37 1,1-Dichloroethane	63	3.892	3.892	0.000	94	154075	20.0	18.6	
38 Vinyl acetate	86	3.913	3.913	0.000	99	42462	40.0	58.1	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	77709	20.0	17.5	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	90	239506	20.0	19.9	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	87	432865	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	69	33085	20.0	18.7	
43 cis-1,2-Dichloroethene	96	4.479	4.479	0.000	93	101035	20.0	16.8	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	98	61728	100.0	86.6	
47 Ethyl acetate	70	4.506	4.506	0.000	96	19970	40.0	34.6	
48 Methyl acrylate	55	4.563	4.563	0.000	100	81236	20.0	19.6	
46 Propionitrile	54	4.647	4.647	0.000	99	147080	200.0	205.0	
51 Tetrahydrofuran	72	4.731	4.731	0.000	87	25884	40.0	35.8	
49 Chlorobromomethane	128	4.736	4.736	0.000	78	49690	20.0	16.5	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	416172	200.0	187.1	
52 Chloroform	83	4.799	4.799	0.000	94	153435	20.0	17.4	
55 Cyclohexane	84	4.936	4.936	0.000	86	102298	20.0	16.1	
54 1,1,1-Trichloroethane	97	4.956	4.956	0.000	91	129575	20.0	17.1	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.977	0.000	95	181038	50.0	43.0	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	119674	20.0	17.2	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	113098	20.0	16.9	
59 Isobutyl alcohol	43	5.282	5.282	0.000	96	107457	500.0	506.3	
62 Isooctane	57	5.329	5.329	0.000	99	143603	20.0	17.0	a
60 Benzene	78	5.360	5.360	0.000	96	348433	20.0	21.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	189240	50.0	50.3	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	82	234689	20.0	18.5	
63 Isopropyl acetate	61	5.439	5.439	0.000	87	45395	20.0	19.0	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	91	102992	20.0	17.7	
66 n-Heptane	43	5.549	5.549	0.000	87	53989	20.0	18.3	
* 65 Fluorobenzene	96	5.696	5.696	0.000	99	688475	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	80	63745	500.0	613.8	
67 Trichloroethene	95	6.110	6.110	0.000	95	91694	20.0	16.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	86	104682	20.0	16.5	a
69 Ethyl acrylate	55	6.267	6.267	0.000	97	176445	20.0	18.8	
71 1,2-Dichloropropane	63	6.451	6.451	0.000	93	87960	20.0	18.5	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	52949	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	81	47675	40.0	34.4	
74 1,4-Dioxane	88	6.587	6.587	0.000	64	26488	400.0	489.0	
72 Dibromomethane	93	6.603	6.603	0.000	94	59314	20.0	17.0	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	103115	20.0	19.9	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	120848	20.0	17.7	
78 2-Nitropropane	41	7.190	7.190	0.000	91	38278	40.0	38.1	
79 2-Chloroethyl vinyl ether	106	7.201	7.201	0.000	66	8113	20.0	19.9	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	148128	400.0	385.8	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	152428	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	93	349270	100.0	100.6	

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	7.678	7.678	0.000	98	679447	50.0	55.8	
84 Toluene	91	7.767	7.767	0.000	92	370046	20.0	20.0	
85 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	90	137808	20.0	22.3	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	104623	20.0	22.2	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	94	72465	20.0	20.7	
88 Tetrachloroethene	166	8.496	8.496	0.000	93	97264	20.0	19.0	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	85	137295	20.0	22.6	
90 2-Hexanone	43	8.800	8.800	0.000	93	243201	100.0	96.7	
93 n-Butyl acetate	43	8.952	8.952	0.000	97	109607	20.0	24.3	
91 Chlorodibromomethane	129	8.978	8.978	0.000	97	100389	20.0	20.2	
92 Ethylene Dibromide	107	9.161	9.161	0.000	95	87010	20.0	20.1	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	531526	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	96	240023	20.0	20.1	
97 Ethylbenzene	106	10.016	10.016	0.000	98	127184	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	10.027	10.027	0.000	48	89649	20.0	21.3	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	153837	20.0	20.4	
99 o-Xylene	106	10.850	10.850	0.000	94	151503	20.0	20.5	
101 n-Butyl acrylate	73	10.865	10.865	0.000	85	66252	20.0	22.1	
100 Styrene	104	10.902	10.902	0.000	96	249566	20.0	21.0	
102 Bromoform	173	11.212	11.212	0.000	96	74861	20.0	18.8	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	91	118812	20.0	26.5	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	379546	20.0	21.5	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	217133	50.0	46.0	
106 Bromobenzene	156	11.872	11.872	0.000	92	103772	20.0	20.8	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	94	108789	20.0	23.7	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	455320	20.0	23.9	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	31856	20.0	22.3	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	93	26177	20.0	24.2	
111 2-Chlorotoluene	91	12.119	12.119	0.000	97	292058	20.0	23.3	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	375533	20.0	23.6	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	93	296329	20.0	23.5	
113 4-Chlorotoluene	91	12.271	12.271	0.000	96	290323	20.0	23.3	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	103243	20.0	23.1	
116 tert-Butylbenzene	119	12.601	12.601	0.000	91	253410	20.0	23.4	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	306873	20.0	23.6	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	365656	20.0	23.8	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	179781	20.0	21.6	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	95	309192	20.0	23.7	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	272959	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	177589	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	303056	20.0	22.9	
124 Benzyl chloride	91	13.256	13.256	0.000	99	203556	20.0	24.7	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	302197	20.0	22.0	
127 p-Diethylbenzene	119	13.403	13.403	0.000	93	183057	20.0	23.3	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	147205	20.0	24.1	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	160953	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	97	254411	20.0	23.3	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	25459	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	107216	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	91502	20.0	20.7	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	80	43862	20.0	21.1	
134 Naphthalene	128	15.086	15.086	0.000	99	245477	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
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	92	77966	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.7	
S 137 Xylenes, Total	100				0		40.0	40.9	
S 140 Total BTEX	1				0		100.0	102.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

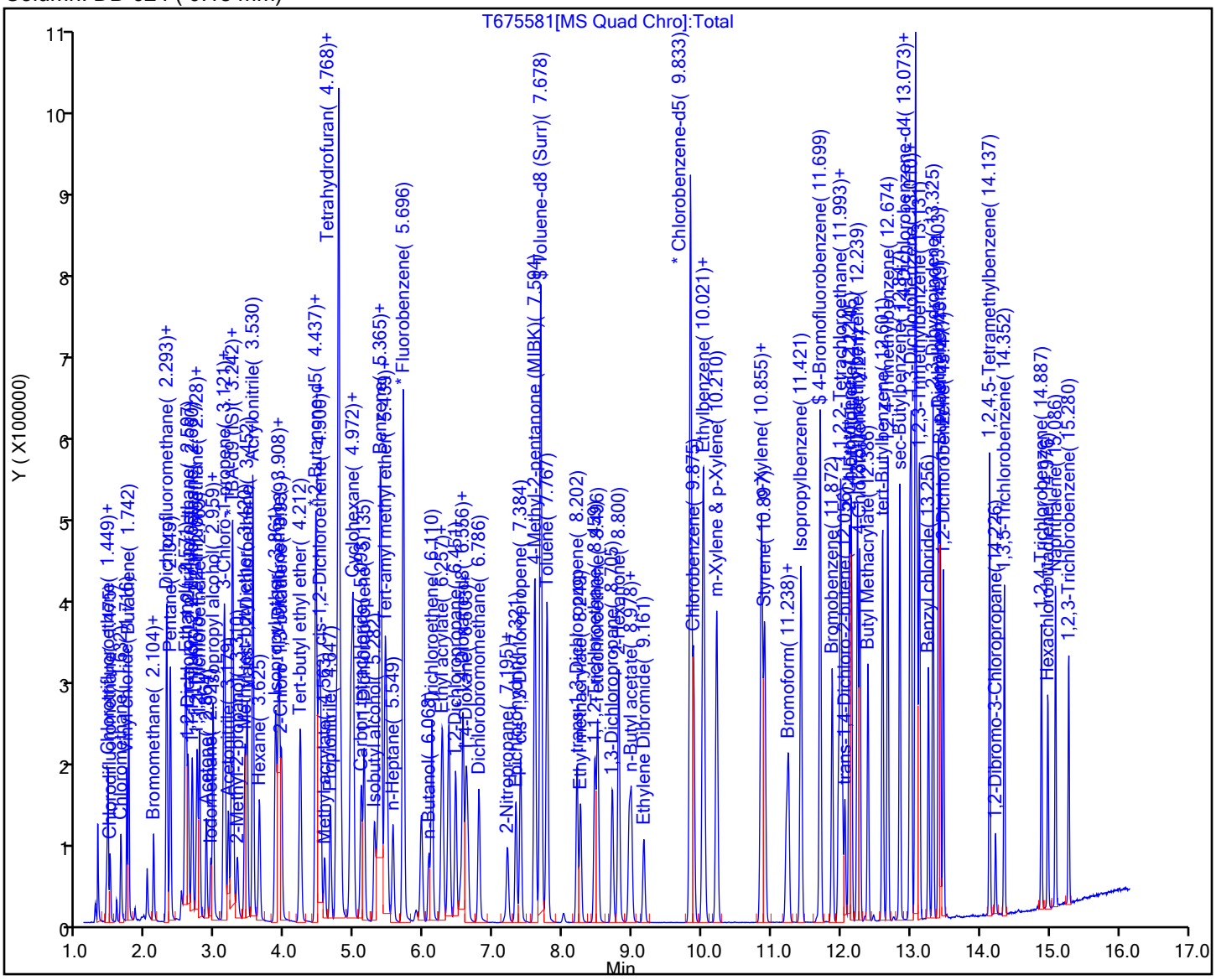
Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 14:22:01 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675581.D
Injection Date: 26-Feb-2024 07:00:18 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

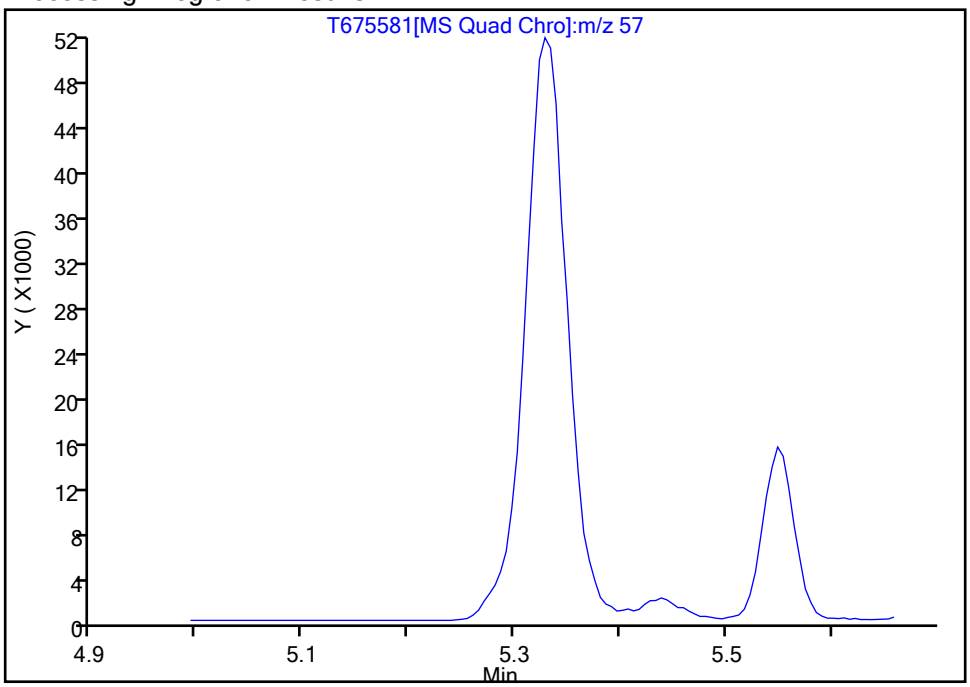
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675581.D
Injection Date: 26-Feb-2024 07:00:18 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

62 Isooctane, CAS: 540-84-1

Signal: 1

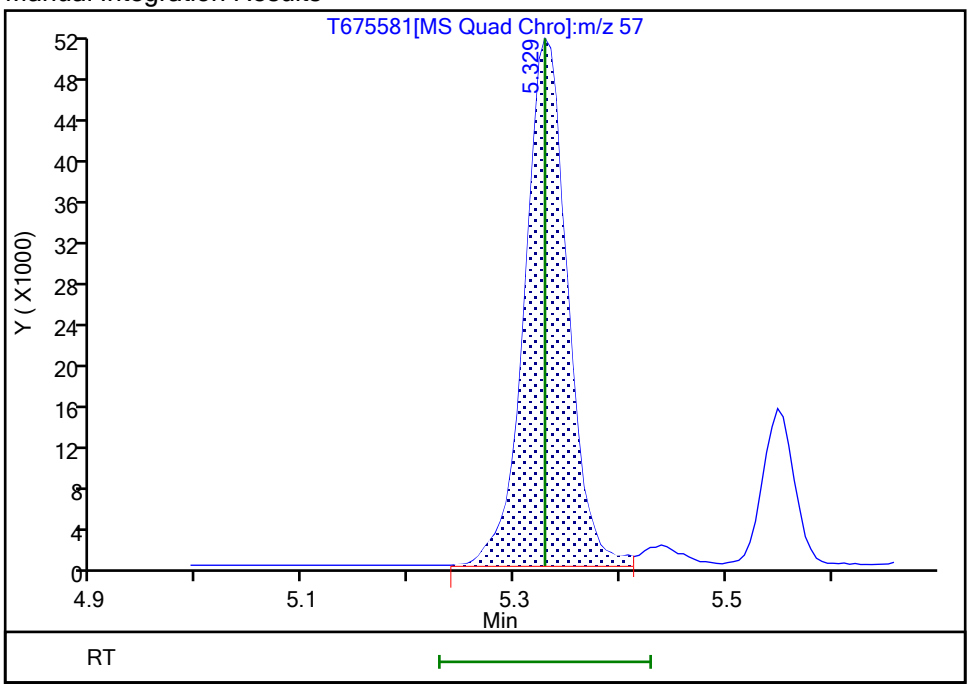
Not Detected
Expected RT: 5.33

Processing Integration Results



Manual Integration Results

RT: 5.33
Area: 143603
Amount: 16.984165
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:46:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

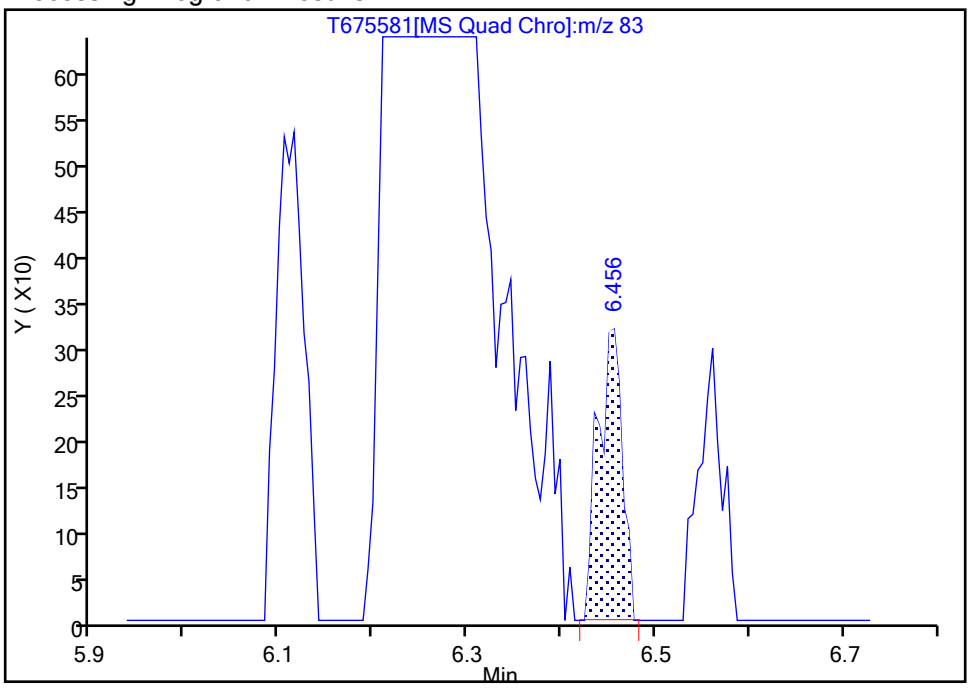
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675581.D
Injection Date: 26-Feb-2024 07:00:18 Instrument ID: CVOAMS15
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

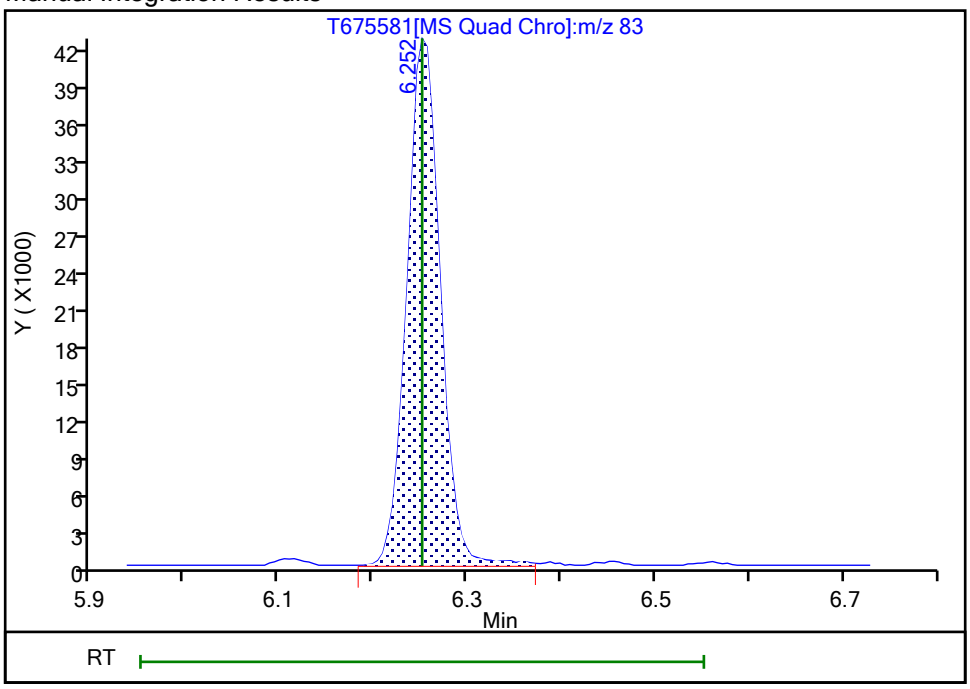
Processing Integration Results

RT: 6.46
Area: 566
Amount: 0.088970
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 104682
Amount: 16.455027
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:47:15 -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\CVOAMS15\20240212-172222.b\T675075a.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	12-Feb-2024 21:52:47	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0172222-001				
Operator ID:		Instrument ID:	CVOAMS15		
Method:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\8260W_15.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Feb-2024 15:06:56	Calib Date:	13-Feb-2024 02:20:26		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1654				
First Level Reviewer: HVW2		Date:	12-Feb-2024 22:17:50		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

Reagents:

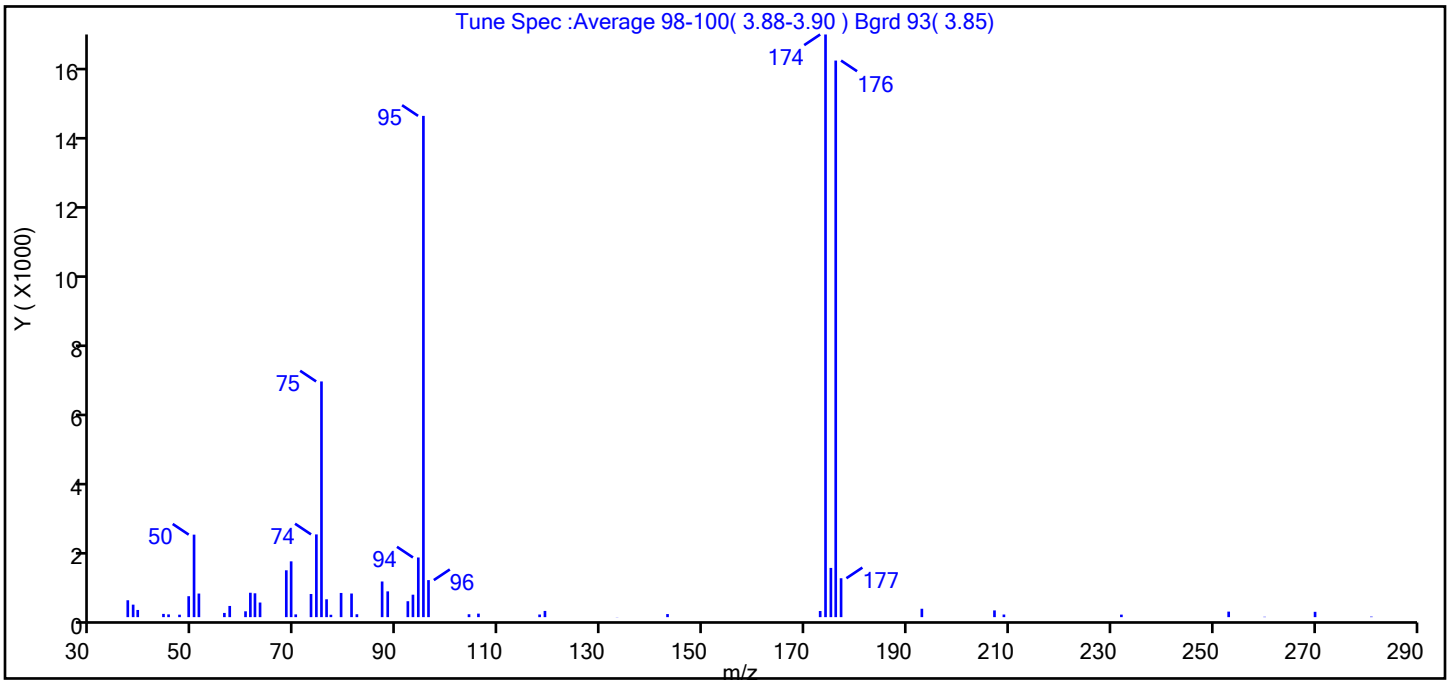
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675075a.D
Injection Date: 12-Feb-2024 21:52:47 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 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 (86.0)
96	5 to 9% of m/z 95	7.4
173	<2% of m/z 174	1.2 (1.0)
174	50 to 200% of m/z 95	116.2
175	5 to 9% of m/z 174	9.8 (8.4)
176	95 to 105% of m/z 174	111.0 (95.5)
177	5 to 10% of m/z 176	7.8 (7.0)

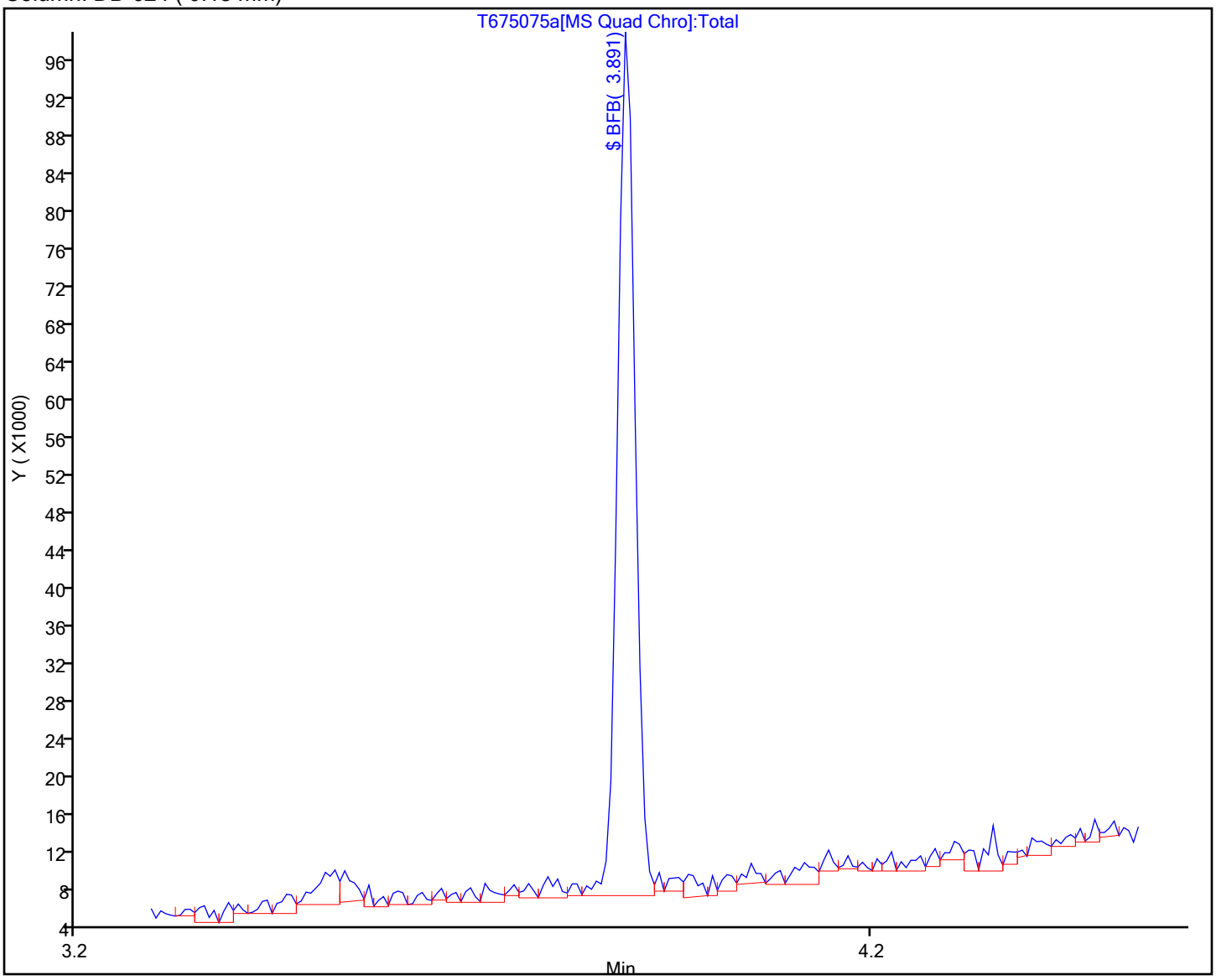
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675075a.D\8260W_15.rslt\spectra.d
Injection Date: 12-Feb-2024 21:52:47
Spectrum: Tune Spec :Average 98-100(3.88-3.90) Bgrd 93(3.85)
Base Peak: 173.95
Minimum % Base Peak: 0
Number of Points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	489	62.00	690	87.00	1032	173.00	177
38.00	362	63.00	423	88.00	746	174.00	16864
39.00	208	68.00	1356	92.00	461	175.00	1425
44.00	94	69.00	1615	93.00	650	176.00	16109
45.00	80	70.00	80	94.00	1727	177.00	1126
47.00	71	73.00	670	95.00	14508	193.00	243
49.00	606	74.00	2395	96.00	1072	207.00	195
50.00	2388	75.00	6822	104.00	84	209.00	76
51.00	683	76.00	517	106.00	102	232.00	73
56.00	122	77.00	69	118.00	76	253.00	160
57.00	324	79.00	700	119.00	180	260.00	10
60.00	169	81.00	684	133.00	4	270.00	154
61.00	706	82.00	84	143.00	89	281.00	15

Report Date: 14-Feb-2024 15:06:56 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675075a.D
Injection Date: 12-Feb-2024 21:52:47 Instrument ID: CVOAMS15
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-961143/8

Matrix: Water | Lab File ID: T675586.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 08:57

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.: 961143 | Units: ug/L

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
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
76-13-1	Freon TF	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-961143/8

Matrix: Water | Lab File ID: T675586.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 08:57

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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)	107		70-128
460-00-4	Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	113		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675586.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-Feb-2024 08:57:00 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172710-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:40

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	3.232	3.232	0.000	95	63779	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	47	425879	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	192609	50.0	44.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	91	204750	50.0	53.4	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	701303	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	49862	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	680185	50.0	56.5	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	525621	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	219739	50.0	47.0	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	276542	50.0	50.0	

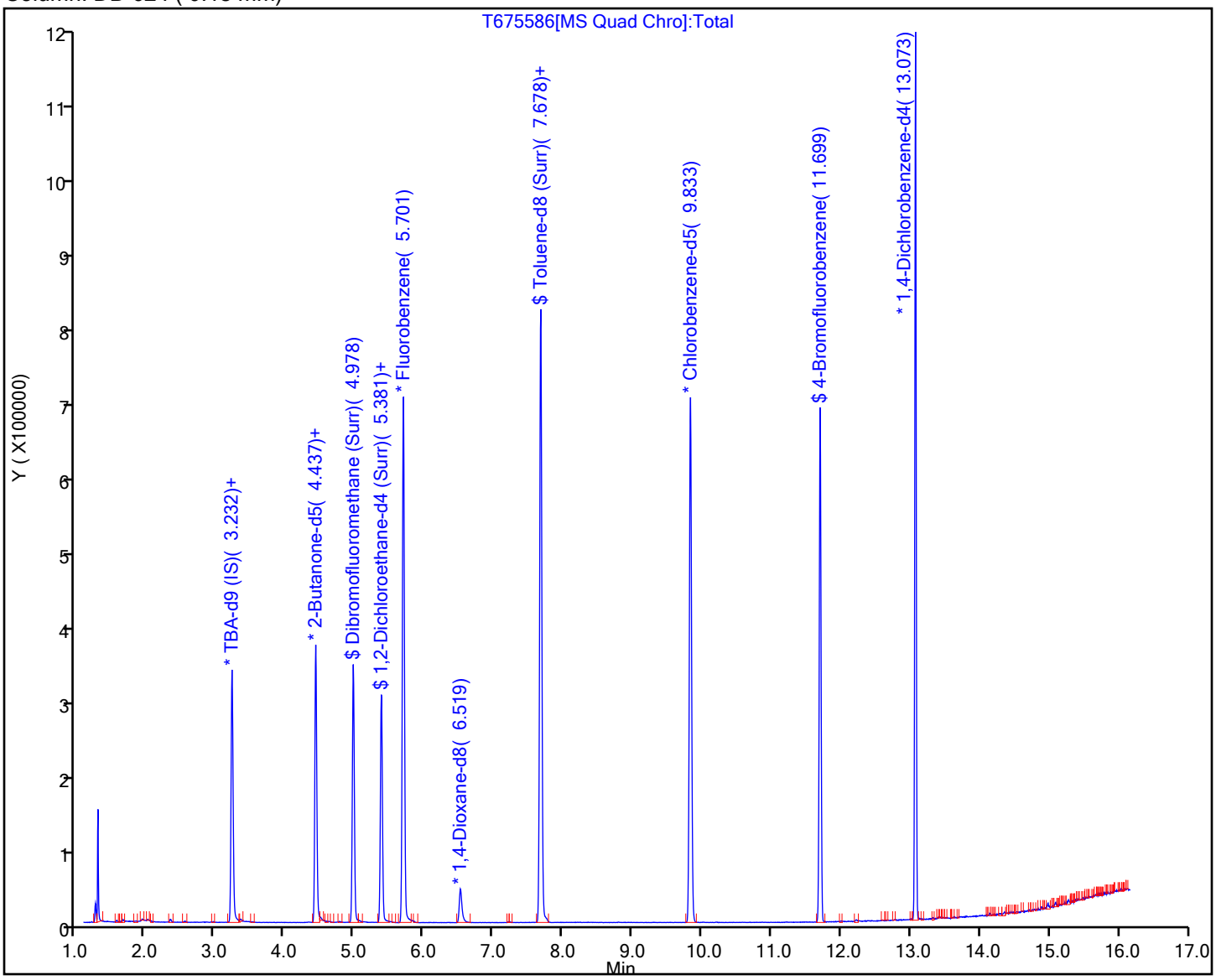
QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00070 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 26-Feb-2024 09:54:34 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675586.D
Injection Date: 26-Feb-2024 08:57:00 Instrument ID: CVOAMS15
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675586.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-Feb-2024 08:57:00 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172710-008
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 09:54:12 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.9	89.73
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.87
$ 83 Toluene-d8 (Surr)	50.0	56.5	113.06
$ 105 4-Bromofluorobenzene	50.0	47.0	94.08

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-961143/4

Matrix: Water | Lab File ID: T675582.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:25

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.8		1.0	0.20
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.0		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	21.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		1.0	0.38
106-93-4	1,2-Dibromoethane	21.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.4		1.0	0.21
107-06-2	1,2-Dichloroethane	18.8		1.0	0.43
78-87-5	1,2-Dichloropropane	19.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	22.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.2		1.0	0.33
78-93-3	2-Butanone	89.8		5.0	1.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone	105		5.0	1.3
67-64-1	Acetone	94.6		5.0	4.4
71-43-2	Benzene	22.6		1.0	0.20
75-27-4	Bromodichloromethane	18.8		1.0	0.34
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	18.3		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	21.4		1.0	0.38
75-00-3	Chloroethane	19.7		1.0	0.32
67-66-3	Chloroform	18.5		1.0	0.33
74-87-3	Chloromethane	17.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	23.6		1.0	0.22
110-82-7	Cyclohexane	17.3		1.0	0.32
124-48-1	Dibromochloromethane	21.7		1.0	0.28
75-71-8	Dichlorodifluoromethane	14.0		1.0	0.31
100-41-4	Ethylbenzene	21.5		1.0	0.30
76-13-1	Freon TF	16.6		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-961143/4

Matrix: Water | Lab File ID: T675582.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:25

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	22.5		1.0	0.34
108-87-2	Methylcyclohexane	16.9		1.0	0.71
75-09-2	Methylene Chloride	18.8		1.0	0.32
1634-04-4	MTBE	20.8		1.0	0.22
100-42-5	Styrene	22.2		1.0	0.42
127-18-4	Tetrachloroethene	19.6		1.0	0.25
108-88-3	Toluene	20.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	23.4		1.0	0.22
79-01-6	Trichloroethene	17.3		1.0	0.31
75-69-4	Trichlorofluoromethane	18.6		1.0	0.32
75-01-4	Vinyl chloride	17.4		1.0	0.17
1330-20-7	Xylenes, Total	43.2		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	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-Feb-2024 07:25:55 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172710-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:21:59 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:48:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.312	1.313	-0.001	36	1876	20.0	8.22	
3 Chlorotrifluoroethene	116	1.417	1.417	0.000	87	10127	20.0	11.1	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	36023	20.0	16.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	84193	20.0	14.0	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	13241	20.0	16.9	
6 Chloromethane	50	1.632	1.632	0.000	88	97131	20.0	17.5	
7 Vinyl chloride	62	1.716	1.716	0.000	83	120439	20.0	17.4	
8 Butadiene	54	1.742	1.742	0.000	91	101267	20.0	17.8	
9 Bromomethane	94	2.010	2.010	0.000	97	34773	20.0	19.5	
10 Chloroethane	64	2.104	2.104	0.000	97	70146	20.0	19.7	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	191213	20.0	20.4	
12 Trichlorofluoromethane	101	2.298	2.293	0.005	86	138053	20.0	18.6	
13 Pentane	72	2.345	2.345	0.000	97	23359	40.0	33.3	
14 Ethanol	46	2.502	2.503	-0.001	100	21146	800.0	1087.8	
15 Ethyl ether	59	2.550	2.550	0.000	93	75061	20.0	21.5	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	93	68625	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.602	-0.005	87	74233	20.0	18.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	115051	20.0	17.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	68042	20.0	16.6	
19 Acrolein	56	2.733	2.733	0.000	81	37160	40.0	46.0	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	81502	20.0	18.0	
22 Acetone	43	2.859	2.859	0.000	89	123811	100.0	94.6	
23 Iodomethane	142	2.927	2.927	0.000	99	89991	20.0	14.2	
25 Isopropyl alcohol	45	2.953	2.954	-0.001	39	58171	200.0	263.2	
24 Carbon disulfide	76	2.959	2.959	0.000	99	272036	20.0	18.3	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	87	57458	20.0	21.2	
28 Methyl acetate	43	3.121	3.121	0.000	95	124934	40.0	43.5	
29 Cyclopentene	67	3.132	3.132	0.000	94	171444	20.0	19.1	
26 Acetonitrile	41	3.179	3.179	0.000	100	127814	200.0	238.0	
* 31 TBA-d9 (IS)	66	3.231	3.232	-0.001	97	64822	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	71	102170	20.0	18.8	

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	3.310	3.310	0.000	98	93881	200.0	227.6	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	254086	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.451	3.452	-0.001	84	90936	20.0	17.9	
33 Acrylonitrile	53	3.535	3.530	0.005	95	377505	200.0	216.5	
36 Hexane	57	3.624	3.625	-0.001	87	75050	20.0	17.8	
40 Isopropyl ether	45	3.860	3.861	-0.001	96	241394	20.0	22.7	
37 1,1-Dichloroethane	63	3.892	3.892	0.000	94	161568	20.0	20.3	
38 Vinyl acetate	86	3.913	3.913	0.000	99	43330	40.0	62.6	
39 2-Chloro-1,3-butadiene	88	3.944	3.945	-0.001	86	79424	20.0	18.6	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	89	242849	20.0	21.0	
* 42 2-Butanone-d5	46	4.437	4.437	0.000	88	410065	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.448	0.000	69	34231	20.0	20.2	
43 cis-1,2-Dichloroethene	96	4.479	4.479	0.000	91	104853	20.0	18.2	
45 2-Butanone (MEK)	72	4.500	4.500	0.000	98	60617	100.0	89.8	
47 Ethyl acetate	70	4.505	4.506	-0.001	96	20571	40.0	37.6	
48 Methyl acrylate	55	4.563	4.563	0.000	99	80872	20.0	20.3	
46 Propionitrile	54	4.647	4.647	0.000	98	143259	200.0	208.1	
51 Tetrahydrofuran	72	4.731	4.731	0.000	83	26225	40.0	38.3	
49 Chlorobromomethane	128	4.736	4.736	0.000	78	49531	20.0	17.1	
50 Methacrylonitrile	67	4.767	4.768	-0.001	85	414721	200.0	194.3	
52 Chloroform	83	4.799	4.799	0.000	94	156906	20.0	18.5	
55 Cyclohexane	84	4.941	4.936	0.005	87	105598	20.0	17.3	
54 1,1,1-Trichloroethane	97	4.956	4.956	0.000	92	134820	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.977	0.000	96	180684	50.0	44.7	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	122734	20.0	18.3	
57 1,1-Dichloropropene	75	5.135	5.135	-0.001	96	116949	20.0	18.2	
59 Isobutyl alcohol	43	5.281	5.282	-0.001	96	104496	500.0	524.0	
62 Isooctane	57	5.329	5.329	-0.001	99	140051	20.0	17.3	a
60 Benzene	78	5.360	5.360	0.000	96	354621	20.0	22.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	187199	50.0	51.9	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	81	239309	20.0	19.6	
63 Isopropyl acetate	61	5.444	5.439	0.005	87	45381	20.0	19.8	
61 1,2-Dichloroethane	62	5.470	5.470	0.000	91	104953	20.0	18.8	
66 n-Heptane	43	5.554	5.549	0.005	86	52543	20.0	18.6	
* 65 Fluorobenzene	96	5.701	5.696	0.005	99	660487	50.0	50.0	
68 n-Butanol	56	6.068	6.068	0.000	81	64035	500.0	656.2	
67 Trichloroethene	95	6.110	6.110	0.000	95	93422	20.0	17.3	
70 Methylcyclohexane	83	6.251	6.252	-0.001	87	103211	20.0	16.9	a
69 Ethyl acrylate	55	6.267	6.267	0.000	97	177598	20.0	19.7	
71 1,2-Dichloropropane	63	6.451	6.451	0.000	93	90861	20.0	19.9	
* 73 1,4-Dioxane-d8	96	6.519	6.524	-0.005	1	49775	1000.0	1000.0	
75 Methyl methacrylate	100	6.555	6.561	-0.006	80	47818	40.0	35.9	
74 1,4-Dioxane	88	6.587	6.587	0.000	62	24970	400.0	490.3	
72 Dibromomethane	93	6.603	6.603	0.000	95	60815	20.0	18.2	
76 n-Propyl acetate	43	6.624	6.629	-0.005	97	110569	20.0	22.2	
77 Dichlorobromomethane	83	6.786	6.786	0.000	95	123367	20.0	18.8	
78 2-Nitropropane	41	7.190	7.190	0.000	92	37315	40.0	38.7	
79 2-Chloroethyl vinyl ether	106	7.206	7.201	0.005	74	8212	20.0	21.0	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	146945	400.0	404.0	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	84	157749	20.0	23.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.588	7.594	-0.006	94	345695	100.0	105.1	
$ 83 Toluene-d8 (Surr)	98	7.677	7.678	-0.001	98	654081	50.0	55.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.767	7.767	0.000	92	371857	20.0	20.9	
85 trans-1,3-Dichloropropene	75	8.196	8.197	-0.001	91	139446	20.0	23.4	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	108550	20.0	24.0	
87 1,1,2-Trichloroethane	83	8.453	8.454	-0.001	95	73696	20.0	21.8	
88 Tetrachloroethene	166	8.495	8.496	-0.001	93	96524	20.0	19.6	
89 1,3-Dichloropropane	76	8.710	8.711	-0.001	88	139580	20.0	23.9	
90 2-Hexanone	43	8.799	8.800	-0.001	93	245519	100.0	103.1	
93 n-Butyl acetate	43	8.946	8.952	-0.006	98	110129	20.0	25.4	
91 Chlorodibromomethane	129	8.983	8.978	0.005	96	103780	20.0	21.7	
92 Ethylene Dibromide	107	9.166	9.161	0.005	97	88368	20.0	21.2	
* 94 Chlorobenzene-d5	117	9.832	9.833	-0.001	83	511152	50.0	50.0	
95 Chlorobenzene	112	9.880	9.875	0.005	97	245375	20.0	21.4	
97 Ethylbenzene	106	10.016	10.016	0.000	98	128365	20.0	21.5	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.027	0.005	55	91522	20.0	22.6	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	155277	20.0	21.4	
99 o-Xylene	106	10.850	10.850	0.000	94	154905	20.0	21.7	
101 n-Butyl acrylate	73	10.870	10.865	0.005	97	68864	20.0	23.8	
100 Styrene	104	10.902	10.902	0.000	95	254057	20.0	22.2	
102 Bromoform	173	11.217	11.212	0.005	97	76072	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	91	122093	20.0	27.9	
104 Isopropylbenzene	105	11.426	11.421	0.005	95	382405	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	95	212226	50.0	46.7	
106 Bromobenzene	156	11.877	11.872	0.005	89	105791	20.0	21.7	
107 1,1,2,2-Tetrachloroethane	83	11.966	11.967	-0.001	96	111014	20.0	24.8	
110 N-Propylbenzene	91	11.993	11.993	-0.001	99	464243	20.0	25.0	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	32380	20.0	23.2	
109 trans-1,4-Dichloro-2-butene	53	12.055	12.056	-0.001	93	26715	20.0	25.2	
111 2-Chlorotoluene	91	12.118	12.119	-0.001	96	298075	20.0	24.3	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	377789	20.0	24.2	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	304420	20.0	24.7	
113 4-Chlorotoluene	91	12.270	12.271	-0.001	97	296497	20.0	24.3	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	106516	20.0	24.3	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	255848	20.0	24.1	
117 1,2,4-Trimethylbenzene	105	12.674	12.674	0.000	97	314700	20.0	24.7	
118 sec-Butylbenzene	105	12.847	12.847	0.000	99	374410	20.0	25.0	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	98	182314	20.0	22.4	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	95	314880	20.0	24.7	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	266836	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	184453	20.0	22.2	
123 1,2,3-Trimethylbenzene	105	13.130	13.131	0.000	98	312701	20.0	24.1	
124 Benzyl chloride	91	13.256	13.256	0.000	99	206853	20.0	25.7	
125 2,3-Dihydroindene	117	13.324	13.325	0.000	89	309063	20.0	23.0	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	186718	20.0	24.3	
128 n-Butylbenzene	92	13.429	13.429	0.000	97	151852	20.0	25.5	
126 1,2-Dichlorobenzene	146	13.476	13.477	-0.001	98	164449	20.0	22.4	
130 1,2,4,5-Tetramethylbenzene	119	14.142	14.137	0.005	97	260142	20.0	24.3	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.226	0.000	90	25333	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	111492	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	90	94440	20.0	21.9	
133 Hexachlorobutadiene	225	14.981	14.981	0.000	79	44474	20.0	21.9	
134 Naphthalene	128	15.091	15.086	0.005	99	250444	20.0	22.4	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	79885	20.0	21.4	

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	36.1	
S 137 Xylenes, Total	100				0		40.0	43.2	
S 140 Total BTEX	1				0		100.0	108.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	47.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

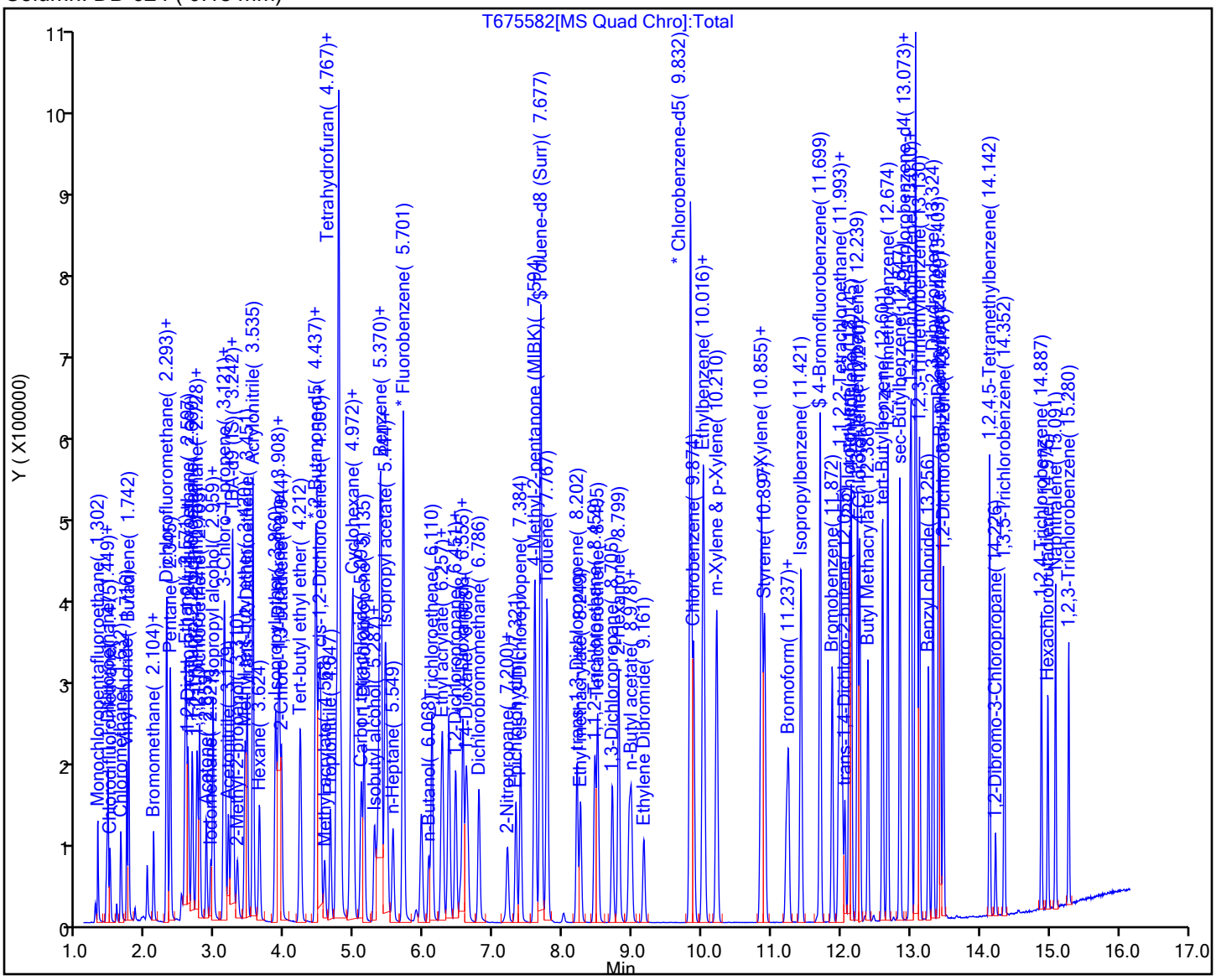
Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 14:24:14 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Injection Date: 26-Feb-2024 07:25:55 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



2/27/2024
9:41:16 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-Feb-2024 07:25:55 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172710-004
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:21:59 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:48:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.7	89.38
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.75
$ 83 Toluene-d8 (Surr)	50.0	55.9	111.80
$ 105 4-Bromofluorobenzene	50.0	46.7	93.44

Eurofins Edison

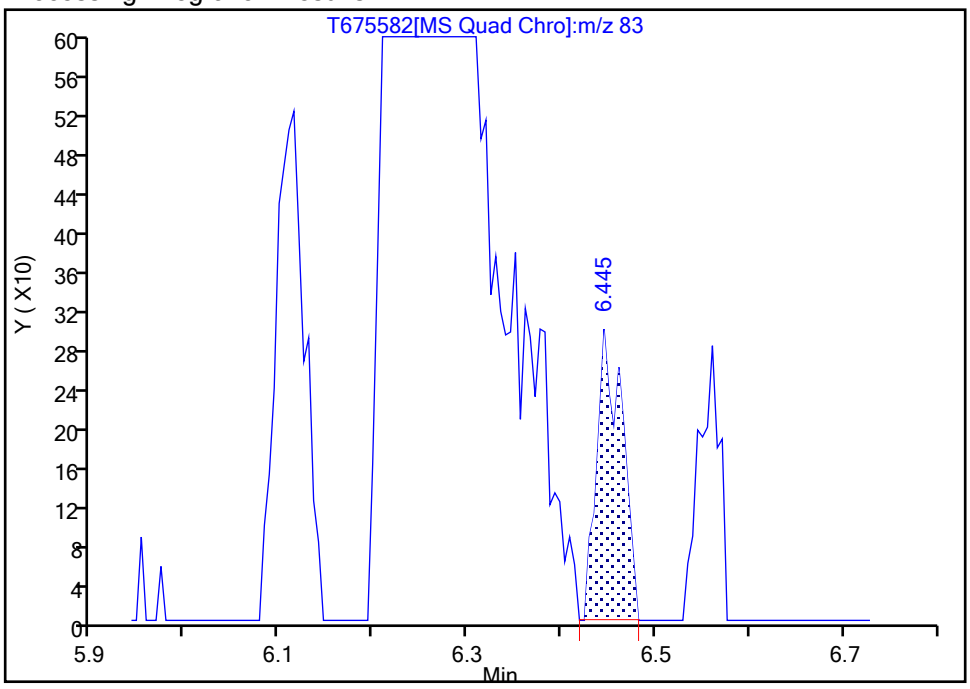
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675582.D
Injection Date: 26-Feb-2024 07:25:55 Instrument ID: CVOAMS15
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

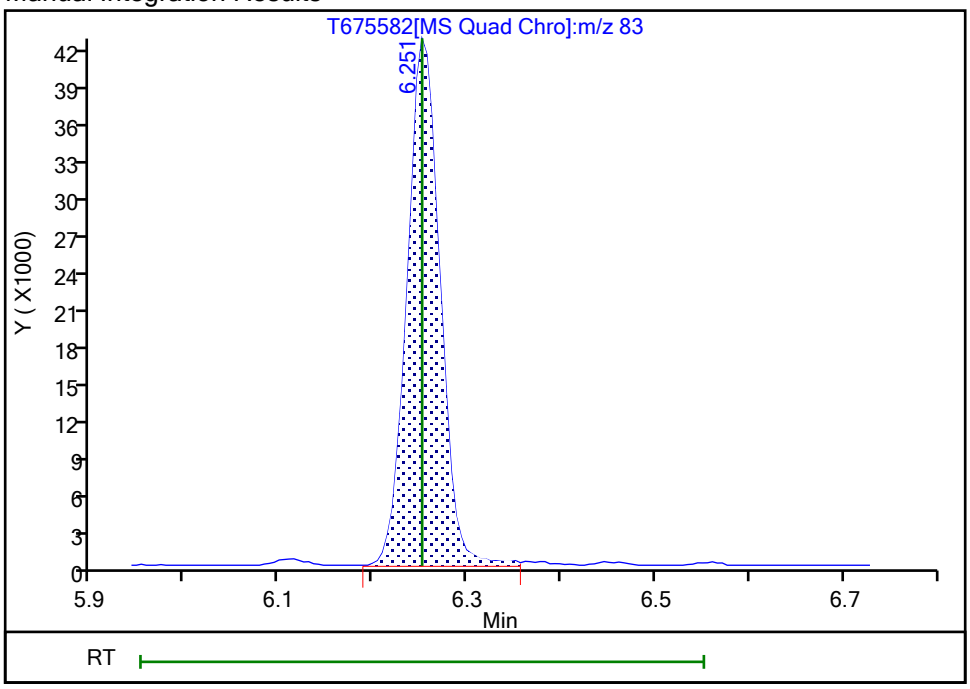
Processing Integration Results

RT: 6.45
Area: 555
Amount: 0.090938
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 103211
Amount: 16.911280
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:48:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-961143/5

Matrix: Water | Lab File ID: T675583.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:48

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.20
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	16.1		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		1.0	0.38
106-93-4	1,2-Dibromoethane	20.4		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.21
107-06-2	1,2-Dichloroethane	17.5		1.0	0.43
78-87-5	1,2-Dichloropropane	18.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.33
78-93-3	2-Butanone	85.8		5.0	1.9
591-78-6	2-Hexanone	97.9		5.0	1.1
108-10-1	4-Methyl-2-pentanone	100		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	21.0		1.0	0.20
75-27-4	Bromodichloromethane	17.8		1.0	0.34
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	16.8		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.32
67-66-3	Chloroform	17.2		1.0	0.33
74-87-3	Chloromethane	15.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	16.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.22
110-82-7	Cyclohexane	15.5		1.0	0.32
124-48-1	Dibromochloromethane	20.7		1.0	0.28
75-71-8	Dichlorodifluoromethane	12.8		1.0	0.31
100-41-4	Ethylbenzene	20.1		1.0	0.30
76-13-1	Freon TF	15.2		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-961143/5

Matrix: Water | Lab File ID: T675583.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 07:48

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	21.2		1.0	0.34
108-87-2	Methylcyclohexane	15.8		1.0	0.71
75-09-2	Methylene Chloride	17.5		1.0	0.32
1634-04-4	MTBE	19.8		1.0	0.22
100-42-5	Styrene	20.8		1.0	0.42
127-18-4	Tetrachloroethene	18.7		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.4		1.0	0.22
79-01-6	Trichloroethene	16.3		1.0	0.31
75-69-4	Trichlorofluoromethane	16.9		1.0	0.32
75-01-4	Vinyl chloride	15.7		1.0	0.17
1330-20-7	Xylenes, Total	40.5		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	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-Feb-2024 07:48:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172710-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	39	2092	20.0	8.86	a
3 Chlorotrifluoroethene	116	1.418	1.418	0.000	88	9403	20.0	9.96	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	93	32963	20.0	15.0	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	79777	20.0	12.8	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	12067	20.0	14.9	
6 Chloromethane	50	1.633	1.633	0.000	88	90521	20.0	15.7	
7 Vinyl chloride	62	1.716	1.716	0.000	84	112097	20.0	15.7	
8 Butadiene	54	1.743	1.743	0.000	91	92276	20.0	15.7	
9 Bromomethane	94	2.010	2.010	0.000	98	35990	20.0	19.5	
10 Chloroethane	64	2.104	2.104	0.000	97	66169	20.0	17.2	
11 Dichlorofluoromethane	67	2.288	2.288	0.000	90	181813	20.0	18.7	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	87	129586	20.0	16.9	
13 Pentane	72	2.346	2.346	0.000	96	22412	40.0	30.9	
14 Ethanol	46	2.503	2.503	0.000	100	21985	800.0	1035.2	
15 Ethyl ether	59	2.550	2.550	0.000	92	73603	20.0	20.3	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	94	63349	20.0	18.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.597	2.597	0.000	87	69969	20.0	16.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	90	107408	20.0	15.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	64479	20.0	15.2	
19 Acrolein	56	2.734	2.734	0.000	84	37622	40.0	45.0	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	88	75487	20.0	16.1	
22 Acetone	43	2.859	2.859	0.000	90	122648	100.0	87.0	
23 Iodomethane	142	2.928	2.928	0.000	99	84802	20.0	12.9	
25 Isopropyl alcohol	45	2.954	2.954	0.000	39	58493	200.0	242.2	
24 Carbon disulfide	76	2.959	2.959	0.000	98	252966	20.0	16.4	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	86	55233	20.0	19.7	
28 Methyl acetate	43	3.122	3.122	0.000	96	125261	40.0	42.2	
29 Cyclopentene	67	3.127	3.127	0.000	91	157529	20.0	17.0	
26 Acetonitrile	41	3.179	3.179	0.000	100	125849	200.0	217.6	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	97	70820	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	67	98809	20.0	17.5	

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	3.310	3.310	0.000	98	98741	200.0	219.1	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	96	249600	20.0	19.8	
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	83	88468	20.0	16.8	
33 Acrylonitrile	53	3.531	3.531	0.000	95	379858	200.0	210.6	
36 Hexane	57	3.625	3.625	0.000	88	72171	20.0	16.5	
40 Isopropyl ether	45	3.861	3.861	0.000	96	236521	20.0	21.5	
37 1,1-Dichloroethane	63	3.892	3.892	0.000	94	151788	20.0	18.5	
38 Vinyl acetate	86	3.913	3.913	0.000	99	42982	40.0	57.7	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	85	75554	20.0	17.1	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	89	238943	20.0	20.0	
* 42 2-Butanone-d5	46	4.438	4.438	0.000	87	441649	250.0	250.0	
44 2,2-Dichloropropane	97	4.453	4.453	0.000	75	32410	20.0	18.4	
43 cis-1,2-Dichloroethene	96	4.480	4.480	0.000	91	100824	20.0	16.9	
45 2-Butanone (MEK)	72	4.501	4.501	0.000	98	62361	100.0	85.8	
47 Ethyl acetate	70	4.511	4.511	0.000	97	20787	40.0	35.3	
48 Methyl acrylate	55	4.563	4.563	0.000	100	82678	20.0	20.1	
46 Propionitrile	54	4.647	4.647	0.000	98	145625	200.0	204.5	
51 Tetrahydrofuran	72	4.736	4.736	0.000	79	26130	40.0	35.4	
49 Chlorobromomethane	128	4.736	4.736	0.000	77	48243	20.0	16.1	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	416065	200.0	188.5	
52 Chloroform	83	4.799	4.799	0.000	94	150912	20.0	17.2	
55 Cyclohexane	84	4.936	4.936	0.000	87	97871	20.0	15.5	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	92	128921	20.0	17.1	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	184249	50.0	44.0	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	115970	20.0	16.8	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	96	109738	20.0	16.5	
59 Isobutyl alcohol	43	5.282	5.282	0.000	96	107080	500.0	491.5	
62 Isooctane	57	5.329	5.329	0.000	99	134821	20.0	16.1	a
60 Benzene	78	5.360	5.360	0.000	96	339893	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	89	190598	50.0	51.1	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	80	236911	20.0	18.8	
63 Isopropyl acetate	61	5.439	5.439	0.000	88	44231	20.0	18.7	
61 1,2-Dichloroethane	62	5.471	5.471	0.000	90	100878	20.0	17.5	
66 n-Heptane	43	5.549	5.549	0.000	86	48412	20.0	16.5	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	683287	50.0	50.0	
68 n-Butanol	56	6.063	6.063	0.000	80	65050	500.0	610.1	
67 Trichloroethene	95	6.110	6.110	0.000	95	90764	20.0	16.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	86	99687	20.0	15.8	a
69 Ethyl acrylate	55	6.267	6.267	0.000	97	174673	20.0	18.7	
71 1,2-Dichloropropane	63	6.451	6.451	0.000	92	87091	20.0	18.5	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	53552	1000.0	1000.0	
75 Methyl methacrylate	100	6.561	6.561	0.000	81	47913	40.0	34.8	
74 1,4-Dioxane	88	6.587	6.587	0.000	65	25881	400.0	472.4	
72 Dibromomethane	93	6.603	6.603	0.000	93	58766	20.0	17.0	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	111645	20.0	21.7	
77 Dichlorobromomethane	83	6.787	6.787	0.000	95	120440	20.0	17.8	
78 2-Nitropropane	41	7.190	7.190	0.000	90	39472	40.0	39.6	
79 2-Chloroethyl vinyl ether	106	7.206	7.206	0.000	74	9459	20.0	23.4	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	151724	400.0	387.3	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	151216	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	93	355322	100.0	100.3	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	678094	50.0	56.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.767	7.767	0.000	92	363372	20.0	19.8	
85 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	91	137503	20.0	22.4	
86 Ethyl methacrylate	69	8.249	8.249	0.000	84	106010	20.0	22.7	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	95	72489	20.0	20.8	
88 Tetrachloroethene	166	8.496	8.496	0.000	92	94617	20.0	18.7	
89 1,3-Dichloropropane	76	8.711	8.711	0.000	87	137178	20.0	22.8	
90 2-Hexanone	43	8.800	8.800	0.000	93	250989	100.0	97.9	
93 n-Butyl acetate	43	8.952	8.952	0.000	97	111943	20.0	25.0	
91 Chlorodibromomethane	129	8.978	8.978	0.000	96	101875	20.0	20.7	
92 Ethylene Dibromide	107	9.162	9.162	0.000	98	87432	20.0	20.4	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	526665	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	97	240177	20.0	20.3	
97 Ethylbenzene	106	10.016	10.016	0.000	98	123860	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	57	86824	20.0	20.8	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	150553	20.0	20.2	
99 o-Xylene	106	10.850	10.850	0.000	94	149274	20.0	20.3	
101 n-Butyl acrylate	73	10.866	10.866	0.000	87	67371	20.0	22.6	
100 Styrene	104	10.902	10.902	0.000	96	244882	20.0	20.8	
102 Bromoform	173	11.212	11.212	0.000	96	74548	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	92	121922	20.0	27.1	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	369955	20.0	21.2	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	219414	50.0	46.9	
106 Bromobenzene	156	11.872	11.872	0.000	91	103577	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	112278	20.0	24.4	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	448777	20.0	23.5	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	32343	20.0	22.6	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	92	26641	20.0	24.5	
111 2-Chlorotoluene	91	12.119	12.119	0.000	97	288833	20.0	22.9	
112 4-Ethyltoluene	105	12.150	12.150	0.000	98	365276	20.0	22.8	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	292747	20.0	23.1	
113 4-Chlorotoluene	91	12.271	12.271	0.000	97	288038	20.0	23.0	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	105007	20.0	23.4	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	248106	20.0	22.8	
117 1,2,4-Trimethylbenzene	105	12.675	12.675	0.000	97	306398	20.0	23.5	
118 sec-Butylbenzene	105	12.848	12.848	0.000	99	360516	20.0	23.4	
119 1,3-Dichlorobenzene	146	12.994	12.994	0.000	97	176771	20.0	21.2	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	94	304105	20.0	23.2	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	94	273802	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	177553	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	302954	20.0	22.8	
124 Benzyl chloride	91	13.257	13.257	0.000	99	201252	20.0	24.3	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	90	299813	20.0	21.7	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	179450	20.0	22.8	
128 n-Butylbenzene	92	13.430	13.430	0.000	97	146285	20.0	23.9	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	97	158249	20.0	21.0	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	96	253598	20.0	23.1	
129 1,2-Dibromo-3-Chloropropane	157	14.227	14.227	0.000	88	25985	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	106154	20.0	21.1	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	93	91699	20.0	20.7	
133 Hexachlorobutadiene	225	14.982	14.982	0.000	79	42453	20.0	20.4	
134 Naphthalene	128	15.092	15.092	0.000	99	250361	20.0	21.8	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	93	79940	20.0	20.9	

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	33.8	
S 137 Xylenes, Total	100				0		40.0	40.5	
S 140 Total BTEX	1				0		100.0	101.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 14:26:24 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D

Injection Date: 26-Feb-2024 07:48:40 Instrument ID: CVOAMS15

Lims ID: LCSD

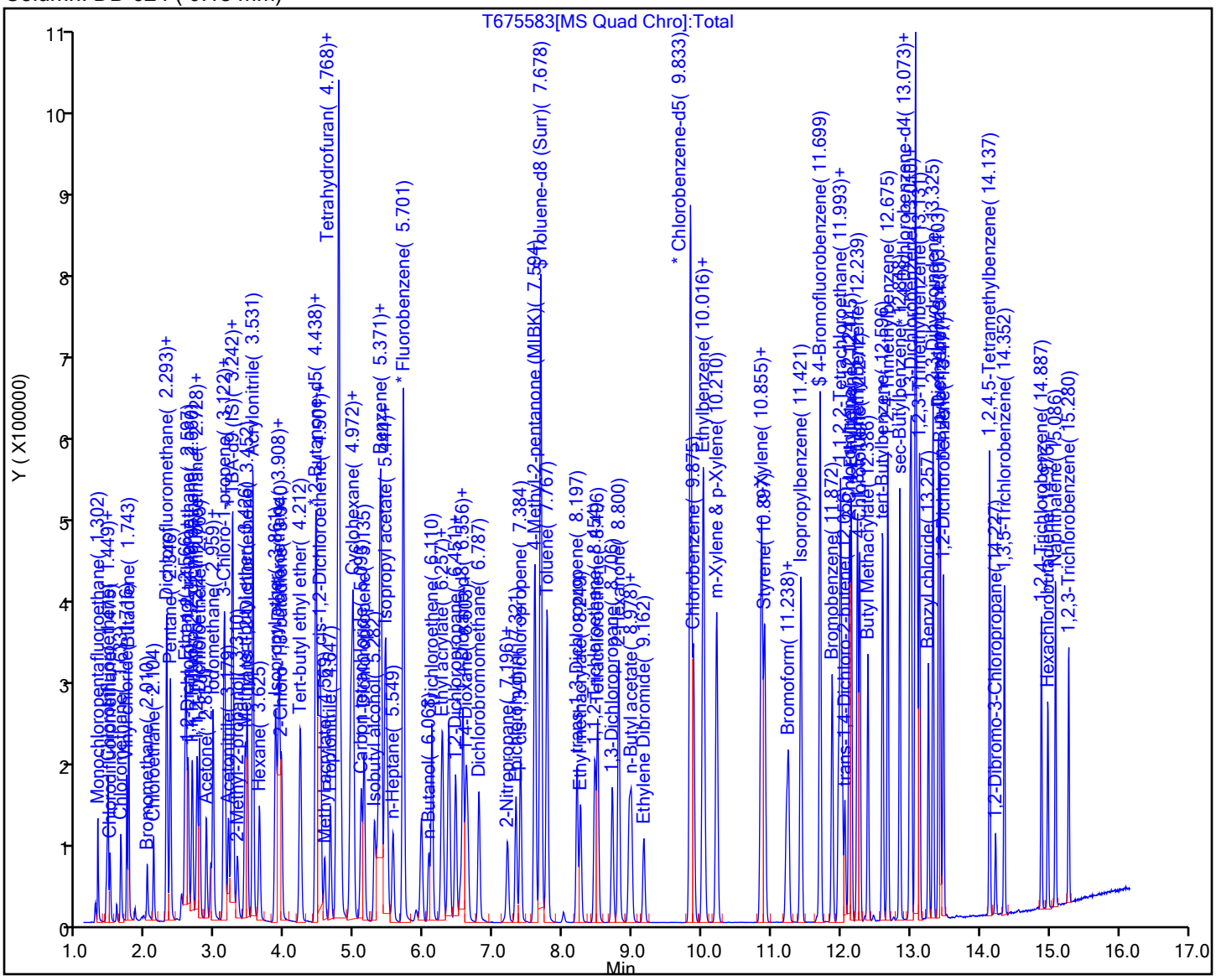
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-Feb-2024 07:48:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172710-005
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 14:26:22 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1641

First Level Reviewer: FK2C Date: 26-Feb-2024 09:52:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	44.0	88.10
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.11
$ 83 Toluene-d8 (Surr)	50.0	56.2	112.49
$ 105 4-Bromofluorobenzene	50.0	46.9	93.76

Manual Integration/User Assign Peak Report

Eurofins Edison

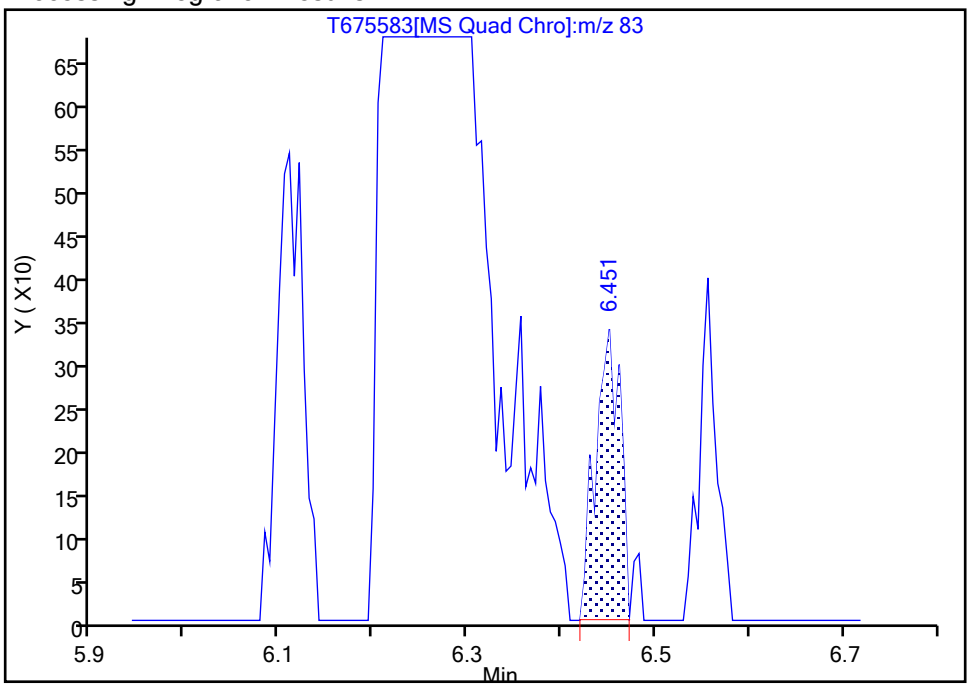
Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675583.D
Injection Date: 26-Feb-2024 07:48:40 Instrument ID: CVOAMS15
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

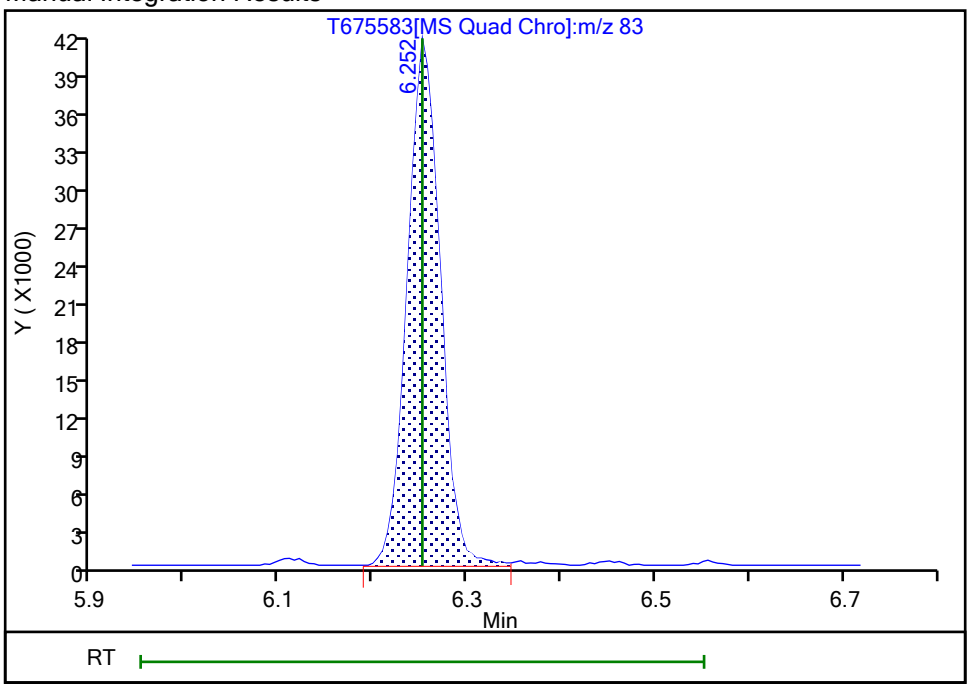
Processing Integration Results

RT: 6.45
Area: 605
Amount: 0.095822
Amount Units: ug/l



Manual Integration Results

RT: 6.25
Area: 99687
Amount: 15.788837
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 09:51:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MS | Lab Sample ID: 460-298659-3 MS

Matrix: Water | Lab File ID: T675594.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:58

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		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	20.6		1.0	0.20
75-34-3	1,1-Dichloroethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	18.2		1.0	0.26
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.38
106-93-4	1,2-Dibromoethane	19.3		1.0	0.50
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.21
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.33
78-93-3	2-Butanone	86.1		5.0	1.9
591-78-6	2-Hexanone	98.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone	106		5.0	1.3
67-64-1	Acetone	90.3		5.0	4.4
71-43-2	Benzene	27.6		1.0	0.20
75-27-4	Bromodichloromethane	17.9		1.0	0.34
75-25-2	Bromoform	17.7		1.0	0.54
74-83-9	Bromomethane	11.8		1.0	0.55
75-15-0	Carbon disulfide	18.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.2		1.0	0.21
108-90-7	Chlorobenzene	20.5		1.0	0.38
75-00-3	Chloroethane	22.0		1.0	0.32
67-66-3	Chloroform	19.2		1.0	0.33
74-87-3	Chloromethane	17.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.2		1.0	0.22
110-82-7	Cyclohexane	40.5		1.0	0.32
124-48-1	Dibromochloromethane	19.9		1.0	0.28
75-71-8	Dichlorodifluoromethane	15.2		1.0	0.31
100-41-4	Ethylbenzene	22.9		1.0	0.30
76-13-1	Freon TF	18.1		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MS | Lab Sample ID: 460-298659-3 MS

Matrix: Water | Lab File ID: T675594.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 11:58

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	34.1		1.0	0.34
108-87-2	Methylcyclohexane	29.9		1.0	0.71
75-09-2	Methylene Chloride	19.9		1.0	0.32
1634-04-4	MTBE	20.2		1.0	0.22
100-42-5	Styrene	21.3		1.0	0.42
127-18-4	Tetrachloroethene	19.8		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.1		1.0	0.22
79-01-6	Trichloroethene	97.9		1.0	0.31
75-69-4	Trichlorofluoromethane	18.9		1.0	0.32
75-01-4	Vinyl chloride	17.0		1.0	0.17
1330-20-7	Xylenes, Total	42.5		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	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D
Lims ID: 460-298659-A-3 MS
Client ID: NL-MW-3_20240220
Sample Type: MS
Inject. Date: 26-Feb-2024 11:58:15 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MS
Misc. Info.: 460-0172710-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 12:58:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.318	1.313	0.005	28	3024	20.0	13.3	
3 Chlorotrifluoroethene	116	1.423	1.418	0.005	89	10487	20.0	11.5	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	41689	20.0	19.6	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	91499	20.0	15.2	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	14796	20.0	19.0	
6 Chloromethane	50	1.632	1.633	-0.001	88	97403	20.0	17.6	
7 Vinyl chloride	62	1.722	1.716	0.006	83	116935	20.0	17.0	
8 Butadiene	54	1.748	1.743	0.005	91	100479	20.0	17.7	
9 Bromomethane	94	2.015	2.010	0.005	96	20443	20.0	11.8	
10 Chloroethane	64	2.110	2.104	0.006	96	69859	20.0	22.0	
11 Dichlorofluoromethane	67	2.293	2.288	0.005	89	186600	20.0	19.9	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	79	139350	20.0	18.9	
13 Pentane	72	2.351	2.346	0.005	96	28778	40.0	41.2	
14 Ethanol	46	2.508	2.503	0.005	99	16871	800.0	1068.7	
15 Ethyl ether	59	2.555	2.550	0.005	93	71177	20.0	20.4	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	93	69797	20.0	21.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.597	0.005	88	72575	20.0	17.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	90	120299	20.0	18.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	95	74038	20.0	18.1	
19 Acrolein	56	2.733	2.734	-0.001	81	48555	40.0	60.4	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	81900	20.0	18.2	
22 Acetone	43	2.865	2.859	0.006	89	105063	100.0	90.3	
23 Iodomethane	142	2.927	2.928	-0.001	99	78831	20.0	12.5	
25 Isopropyl alcohol	45	2.954	2.954	0.000	38	44690	200.0	249.0	
24 Carbon disulfide	76	2.964	2.959	0.005	98	272757	20.0	18.4	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	90	58642	20.0	21.7	
28 Methyl acetate	43	3.121	3.122	-0.001	91	274454	40.0	96.0	
29 Cyclopentene	67	3.132	3.127	0.005	89	180438	20.0	20.2	
26 Acetonitrile	41	3.179	3.179	0.000	99	160732	200.0	336.6	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	95	52640	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	84	107827	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
32 2-Methyl-2-propanol	59	3.310	3.310	0.000	98	73560	200.0	219.6	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	97	245519	20.0	20.2	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	85	95093	20.0	18.8	
33 Acrylonitrile	53	3.536	3.531	0.005	96	335542	200.0	193.2	
36 Hexane	57	3.630	3.625	0.005	89	87041	20.0	20.7	
40 Isopropyl ether	45	3.861	3.861	0.000	95	238150	20.0	22.4	
37 1,1-Dichloroethane	63	3.897	3.892	0.005	94	157357	20.0	19.9	
38 Vinyl acetate	86	3.918	3.913	0.005	99	39457	40.0	64.1	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	86	77883	20.0	18.3	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	89	234888	20.0	20.4	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	88	364667	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.453	-0.005	71	32917	20.0	19.5	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	93	113732	20.0	19.8	
45 2-Butanone (MEK)	72	4.500	4.501	-0.001	98	51692	100.0	86.1	
47 Ethyl acetate	70	4.511	4.511	0.000	97	19226	40.0	39.5	
48 Methyl acrylate	55	4.569	4.563	0.006	99	70493	20.0	17.8	
46 Propionitrile	54	4.647	4.647	0.000	98	122620	200.0	178.8	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	79	20640	40.0	33.9	
49 Chlorobromomethane	128	4.736	4.736	0.000	80	47921	20.0	16.6	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	379747	200.0	178.6	
52 Chloroform	83	4.799	4.799	0.000	94	161939	20.0	19.2	
55 Cyclohexane	84	4.941	4.936	0.005	89	246836	20.0	40.5	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	84	134186	20.0	18.5	
$ 53 Dibromofluoromethane (Surr)	113	4.977	4.978	-0.001	95	175464	50.0	43.6	
56 Carbon tetrachloride	117	5.093	5.093	0.000	90	121180	20.0	18.2	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	93	115128	20.0	18.0	
59 Isobutyl alcohol	43	5.282	5.282	0.000	95	104875	500.0	647.6	
62 Isooctane	57	5.329	5.329	0.000	88	172324	20.0	21.3	
60 Benzene	78	5.360	5.360	0.000	96	429039	20.0	27.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	86	184107	50.0	51.2	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	81	223962	20.0	18.4	
63 Isopropyl acetate	61	5.444	5.439	0.005	83	41328	20.0	18.1	
61 1,2-Dichloroethane	62	5.470	5.471	-0.001	89	101084	20.0	18.2	
66 n-Heptane	43	5.549	5.549	0.000	86	54197	20.0	19.2	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	657988	50.0	50.0	
68 n-Butanol	56	6.068	6.063	0.005	83	42457	500.0	535.8	
67 Trichloroethene	95	6.110	6.110	0.000	95	525344	20.0	97.9	
70 Methylcyclohexane	83	6.252	6.252	0.000	91	181598	20.0	29.9	
69 Ethyl acrylate	55	6.262	6.267	-0.005	95	232509	20.0	25.9	
71 1,2-Dichloropropane	63	6.456	6.451	0.005	94	86205	20.0	19.0	
* 73 1,4-Dioxane-d8	96	6.524	6.524	0.000	1	39068	1000.0	1000.0	
75 Methyl methacrylate	100	6.556	6.561	-0.005	81	43025	40.0	32.5	
74 1,4-Dioxane	88	6.587	6.587	0.000	56	18006	400.0	450.5	
72 Dibromomethane	93	6.603	6.603	0.000	94	56245	20.0	16.9	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	91390	20.0	18.4	
77 Dichlorobromomethane	83	6.786	6.787	-0.001	95	117116	20.0	17.9	
78 2-Nitropropane	41	7.190	7.190	0.000	98	38135	40.0	39.7	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	98137	400.0	303.4	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	147318	20.0	22.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.594	7.594	0.000	94	308648	100.0	105.5	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	651518	50.0	56.2	
84 Toluene	91	7.767	7.767	0.000	93	370100	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 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	91	130263	20.0	22.1	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	99779	20.0	22.3	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	95	68846	20.0	20.6	
88 Tetrachloroethene	166	8.496	8.496	0.000	93	96509	20.0	19.8	
89 1,3-Dichloropropane	76	8.705	8.711	-0.006	88	130000	20.0	22.5	
90 2-Hexanone	43	8.800	8.800	0.000	93	208664	100.0	98.5	
93 n-Butyl acetate	43	8.947	8.952	-0.005	96	96868	20.0	22.5	
91 Chlorodibromomethane	129	8.978	8.978	0.000	97	94227	20.0	19.9	
92 Ethylene Dibromide	107	9.162	9.162	0.000	99	79879	20.0	19.3	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	506154	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	97	233294	20.0	20.5	
97 Ethylbenzene	106	10.011	10.016	-0.005	98	135311	20.0	22.9	
96 1,1,1,2-Tetrachloroethane	131	10.032	10.032	0.000	55	84245	20.0	21.1	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	155141	20.0	21.6	
99 o-Xylene	106	10.850	10.850	0.000	94	147036	20.0	20.8	
101 n-Butyl acrylate	73	10.866	10.866	0.000	85	61641	20.0	21.5	
100 Styrene	104	10.902	10.902	0.000	96	240982	20.0	21.3	
102 Bromoform	173	11.212	11.212	0.000	95	67160	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	92	107542	20.0	25.3	
104 Isopropylbenzene	105	11.421	11.421	0.000	96	572161	20.0	34.1	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	96	208747	50.0	46.4	
106 Bromobenzene	156	11.872	11.872	0.000	91	98687	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	95451	20.0	21.9	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	554690	20.0	30.7	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	96	28061	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	92	22672	20.0	22.1	
111 2-Chlorotoluene	91	12.119	12.119	0.000	97	275494	20.0	23.1	
112 4-Ethyltoluene	105	12.145	12.150	-0.005	98	361319	20.0	23.9	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	283155	20.0	23.7	
113 4-Chlorotoluene	91	12.271	12.271	0.000	97	270974	20.0	22.9	
115 Butyl Methacrylate	87	12.386	12.386	0.000	83	98635	20.0	23.2	
116 tert-Butylbenzene	119	12.596	12.601	-0.005	91	254435	20.0	24.7	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	-0.001	97	294992	20.0	23.9	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	407679	20.0	28.0	
119 1,3-Dichlorobenzene	146	12.989	12.994	-0.005	97	164812	20.0	20.9	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	96	288062	20.0	23.3	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	259016	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	95	165693	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	302038	20.0	24.0	
124 Benzyl chloride	91	13.256	13.257	-0.001	99	171807	20.0	22.0	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	318795	20.0	24.4	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	177415	20.0	23.8	
128 n-Butylbenzene	92	13.429	13.430	-0.001	98	139126	20.0	24.0	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	98	147286	20.0	20.6	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	97	236490	20.0	22.8	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.227	-0.001	89	20893	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	97	95992	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	91	81152	20.0	19.4	
133 Hexachlorobutadiene	225	14.976	14.982	-0.006	78	40331	20.0	20.4	
134 Naphthalene	128	15.086	15.092	-0.006	99	193847	20.0	17.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	94	65492	20.0	18.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.6	

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	42.5	
S 140 Total BTEX	1				0		100.0	113.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 13:05:26 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D

Injection Date: 26-Feb-2024 11:58:15 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-3 MS

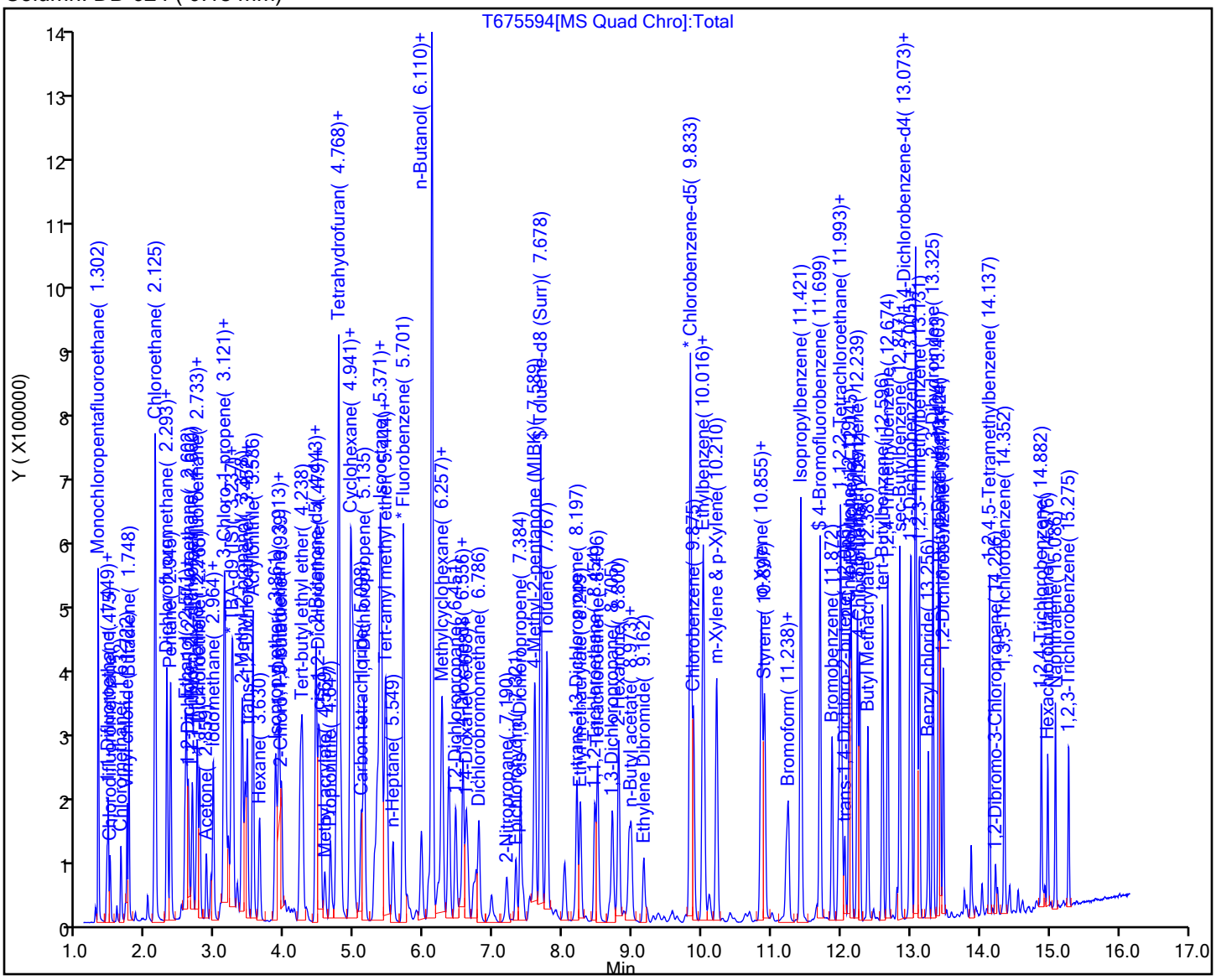
Client ID: NL-MW-3_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D
Lims ID: 460-298659-A-3 MS
Client ID: NL-MW-3_20240220
Sample Type: MS
Inject. Date: 26-Feb-2024 11:58:15 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MS
Misc. Info.: 460-0172710-016
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 12:58:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.6	87.12
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.42
$ 83 Toluene-d8 (Surr)	50.0	56.2	112.46
$ 105 4-Bromofluorobenzene	50.0	46.4	92.82

Manual Integration/User Assign Peak Report

Eurofins Edison

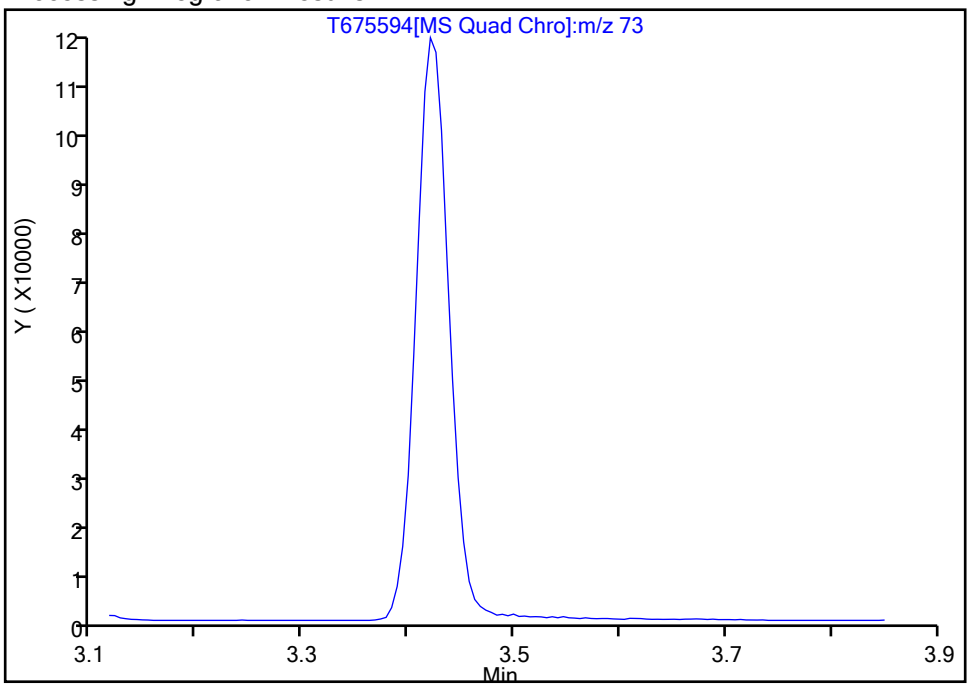
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675594.D				
Injection Date:	26-Feb-2024 11:58:15	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3 MS				
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

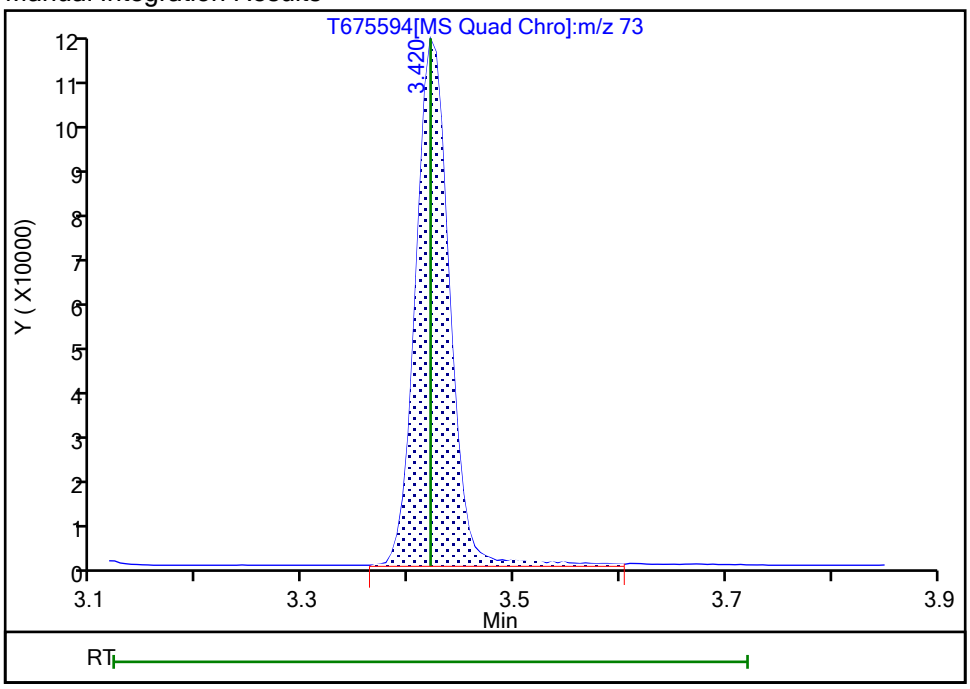
Not Detected
Expected RT: 3.42

Processing Integration Results



Manual Integration Results

RT: 3.42
Area: 245519
Amount: 20.209561
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 12:58:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MSD | Lab Sample ID: 460-298659-3 MSD

Matrix: Water | Lab File ID: T675595.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 12:20

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.2		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	20.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.38
106-93-4	1,2-Dibromoethane	20.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.7		1.0	0.21
107-06-2	1,2-Dichloroethane	18.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.4		1.0	0.33
78-93-3	2-Butanone	90.2		5.0	1.9
591-78-6	2-Hexanone	102		5.0	1.1
108-10-1	4-Methyl-2-pentanone	109		5.0	1.3
67-64-1	Acetone	92.5		5.0	4.4
71-43-2	Benzene	28.1		1.0	0.20
75-27-4	Bromodichloromethane	19.0		1.0	0.34
75-25-2	Bromoform	18.2		1.0	0.54
74-83-9	Bromomethane	17.4		1.0	0.55
75-15-0	Carbon disulfide	18.9		1.0	0.82
56-23-5	Carbon tetrachloride	18.8		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
75-00-3	Chloroethane	22.8		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	18.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.8		1.0	0.22
110-82-7	Cyclohexane	41.0		1.0	0.32
124-48-1	Dibromochloromethane	20.5		1.0	0.28
75-71-8	Dichlorodifluoromethane	15.3		1.0	0.31
100-41-4	Ethylbenzene	23.8		1.0	0.30
76-13-1	Freon TF	18.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-298659-1

SDG No.:

Client Sample ID: NL-MW-3_20240220 MSD | Lab Sample ID: 460-298659-3 MSD

Matrix: Water | Lab File ID: T675595.D

Analysis Method: 8260D | Date Collected: 02/20/2024 11:06

Sample wt/vol: 5(mL) | Date Analyzed: 02/26/2024 12:20

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.: 961143 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	35.2		1.0	0.34
108-87-2	Methylcyclohexane	29.8		1.0	0.71
75-09-2	Methylene Chloride	20.3		1.0	0.32
1634-04-4	MTBE	20.4		1.0	0.22
100-42-5	Styrene	22.0		1.0	0.42
127-18-4	Tetrachloroethene	20.5		1.0	0.25
108-88-3	Toluene	21.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.8		1.0	0.22
79-01-6	Trichloroethene	99.3		1.0	0.31
75-69-4	Trichlorofluoromethane	19.7		1.0	0.32
75-01-4	Vinyl chloride	17.1		1.0	0.17
1330-20-7	Xylenes, Total	44.3		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	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D
Lims ID: 460-298659-A-3 MSD
Client ID: NL-MW-3_20240220
Sample Type: MSD
Inject. Date: 26-Feb-2024 12:20:52 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MSD
Misc. Info.: 460-0172710-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 13:05:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.313	1.313	0.000	26	2889	20.0	12.9	
3 Chlorotrifluoroethene	116	1.423	1.418	0.005	88	11917	20.0	13.3	
2 1,1-Difluoroethane	65	1.433	1.433	0.000	94	41847	20.0	19.9	
4 Dichlorodifluoromethane	85	1.449	1.449	0.000	88	90743	20.0	15.3	
5 Chlorodifluoromethane	67	1.475	1.475	0.000	79	15344	20.0	19.9	
6 Chloromethane	50	1.632	1.633	-0.001	88	99484	20.0	18.2	
7 Vinyl chloride	62	1.722	1.716	0.006	83	116746	20.0	17.1	
8 Butadiene	54	1.748	1.743	0.005	91	102336	20.0	18.3	
9 Bromomethane	94	2.015	2.010	0.005	97	30393	20.0	17.4	
10 Chloroethane	64	2.110	2.104	0.006	96	71601	20.0	22.8	
11 Dichlorofluoromethane	67	2.293	2.288	0.005	89	190446	20.0	20.6	
12 Trichlorofluoromethane	101	2.298	2.298	0.000	82	143649	20.0	19.7	
13 Pentane	72	2.351	2.346	0.005	96	28731	40.0	41.6	
14 Ethanol	46	2.503	2.503	0.000	99	18358	800.0	1129.9	
15 Ethyl ether	59	2.555	2.550	0.005	93	70833	20.0	20.6	
17 2-Methyl-1,3-butadiene	53	2.571	2.571	0.000	94	70748	20.0	21.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.602	2.597	0.005	86	79971	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.660	2.660	0.000	89	121548	20.0	18.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.728	2.728	0.000	96	75603	20.0	18.7	
19 Acrolein	56	2.733	2.734	-0.001	81	51470	40.0	64.8	
20 1,1-Dichloroethene	96	2.765	2.765	0.000	89	82143	20.0	18.5	
22 Acetone	43	2.865	2.859	0.006	89	106701	100.0	92.5	
23 Iodomethane	142	2.927	2.928	-0.001	99	88214	20.0	14.2	
25 Isopropyl alcohol	45	2.954	2.954	0.000	37	47574	200.0	257.5	
24 Carbon disulfide	76	2.964	2.959	0.005	98	276973	20.0	18.9	
27 3-Chloro-1-propene	76	3.111	3.111	0.000	90	58188	20.0	21.8	
28 Methyl acetate	43	3.121	3.122	-0.001	92	266215	40.0	94.2	
29 Cyclopentene	67	3.132	3.127	0.005	90	184126	20.0	20.9	
26 Acetonitrile	41	3.179	3.179	0.000	100	161162	200.0	340.4	
* 31 TBA-d9 (IS)	66	3.232	3.232	0.000	95	54180	1000.0	1000.0	
30 Methylene Chloride	84	3.247	3.247	0.000	84	108869	20.0	20.3	

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	3.310	3.310	0.000	99	77988	200.0	226.2	
35 Methyl tert-butyl ether	73	3.420	3.420	0.000	97	244783	20.0	20.4	a
34 trans-1,2-Dichloroethene	96	3.452	3.452	0.000	84	94984	20.0	19.0	
33 Acrylonitrile	53	3.536	3.531	0.005	94	339826	200.0	198.0	
36 Hexane	57	3.630	3.625	0.005	88	83766	20.0	20.1	
40 Isopropyl ether	45	3.861	3.861	0.000	95	240820	20.0	23.0	
37 1,1-Dichloroethane	63	3.897	3.892	0.005	94	161739	20.0	20.7	
38 Vinyl acetate	86	3.913	3.913	0.000	99	39043	40.0	64.0	
39 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	86	80267	20.0	19.1	
41 Tert-butyl ethyl ether	59	4.212	4.212	0.000	91	236490	20.0	20.8	
* 42 2-Butanone-d5	46	4.437	4.438	-0.001	89	361531	250.0	250.0	
44 2,2-Dichloropropane	97	4.448	4.453	-0.005	71	33819	20.0	20.2	
43 cis-1,2-Dichloroethene	96	4.479	4.480	-0.001	92	118350	20.0	20.9	
45 2-Butanone (MEK)	72	4.500	4.501	-0.001	98	53685	100.0	90.2	
47 Ethyl acetate	70	4.506	4.511	-0.005	96	18195	40.0	37.7	
48 Methyl acrylate	55	4.569	4.563	0.006	100	74539	20.0	19.0	
46 Propionitrile	54	4.652	4.647	0.005	99	128015	200.0	189.0	
51 Tetrahydrofuran	72	4.731	4.736	-0.005	80	22839	40.0	37.8	
49 Chlorobromomethane	128	4.736	4.736	0.000	77	48515	20.0	17.0	
50 Methacrylonitrile	67	4.768	4.768	0.000	85	386739	200.0	184.1	
52 Chloroform	83	4.799	4.799	0.000	94	163845	20.0	19.7	
55 Cyclohexane	84	4.941	4.936	0.005	89	246681	20.0	41.0	
54 1,1,1-Trichloroethane	97	4.957	4.957	0.000	88	136842	20.0	19.1	
$ 53 Dibromofluoromethane (Surr)	113	4.978	4.978	0.000	95	174710	50.0	43.9	
56 Carbon tetrachloride	117	5.093	5.093	0.000	91	124041	20.0	18.8	
57 1,1-Dichloropropene	75	5.135	5.135	0.000	95	118418	20.0	18.8	
59 Isobutyl alcohol	43	5.287	5.282	0.005	94	104550	500.0	627.2	
62 Isooctane	57	5.329	5.329	0.000	87	167027	20.0	20.9	
60 Benzene	78	5.360	5.360	0.000	95	435340	20.0	28.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.381	5.381	0.000	87	181691	50.0	51.2	
64 Tert-amyl methyl ether	73	5.439	5.439	0.000	82	234247	20.0	19.5	
63 Isopropyl acetate	61	5.439	5.439	0.000	85	42701	20.0	18.9	
61 1,2-Dichloroethane	62	5.470	5.471	-0.001	90	101651	20.0	18.5	
66 n-Heptane	43	5.549	5.549	0.000	87	55180	20.0	19.8	
* 65 Fluorobenzene	96	5.701	5.701	0.000	99	650058	50.0	50.0	
68 n-Butanol	56	6.068	6.063	0.005	82	48248	500.0	591.5	
67 Trichloroethene	95	6.110	6.110	0.000	95	526600	20.0	99.3	
70 Methylcyclohexane	83	6.252	6.252	0.000	91	178864	20.0	29.8	
69 Ethyl acrylate	55	6.262	6.267	-0.005	95	235033	20.0	26.5	
71 1,2-Dichloropropane	63	6.456	6.451	0.005	94	88249	20.0	19.7	
* 73 1,4-Dioxane-d8	96	6.529	6.524	0.005	1	42208	1000.0	1000.0	
75 Methyl methacrylate	100	6.556	6.561	-0.005	80	44357	40.0	33.9	
74 1,4-Dioxane	88	6.587	6.587	0.000	56	20581	400.0	476.6	
72 Dibromomethane	93	6.598	6.603	-0.005	97	58353	20.0	17.8	
76 n-Propyl acetate	43	6.629	6.629	0.000	96	95302	20.0	19.5	
77 Dichlorobromomethane	83	6.786	6.787	-0.001	95	122330	20.0	19.0	
78 2-Nitropropane	41	7.190	7.190	0.000	98	38156	40.0	40.2	
80 Epichlorohydrin	57	7.321	7.321	0.000	98	100097	400.0	312.1	
81 cis-1,3-Dichloropropene	75	7.384	7.384	0.000	83	150563	20.0	22.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.589	7.594	-0.005	94	315646	100.0	108.9	
$ 83 Toluene-d8 (Surr)	98	7.678	7.678	0.000	98	645398	50.0	55.9	
84 Toluene	91	7.767	7.767	0.000	92	379027	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
85 trans-1,3-Dichloropropene	75	8.197	8.197	0.000	91	134121	20.0	22.8	
86 Ethyl methacrylate	69	8.249	8.249	0.000	85	102221	20.0	22.9	
87 1,1,2-Trichloroethane	83	8.454	8.454	0.000	95	70649	20.0	21.2	
88 Tetrachloroethene	166	8.496	8.496	0.000	93	99426	20.0	20.5	
89 1,3-Dichloropropane	76	8.705	8.711	-0.006	88	132016	20.0	22.9	
90 2-Hexanone	43	8.800	8.800	0.000	92	214122	100.0	102.0	
93 n-Butyl acetate	43	8.947	8.952	-0.005	96	100526	20.0	23.5	
91 Chlorodibromomethane	129	8.978	8.978	0.000	96	96817	20.0	20.5	
92 Ethylene Dibromide	107	9.162	9.162	0.000	97	83174	20.0	20.2	
* 94 Chlorobenzene-d5	117	9.833	9.833	0.000	83	504715	50.0	50.0	
95 Chlorobenzene	112	9.875	9.875	0.000	96	243682	20.0	21.5	
97 Ethylbenzene	106	10.011	10.016	-0.005	98	140492	20.0	23.8	
96 1,1,1,2-Tetrachloroethane	131	10.027	10.032	-0.005	46	89004	20.0	22.3	
98 m-Xylene & p-Xylene	106	10.210	10.210	0.000	96	160599	20.0	22.4	
99 o-Xylene	106	10.850	10.850	0.000	94	153665	20.0	21.8	
101 n-Butyl acrylate	73	10.866	10.866	0.000	85	63624	20.0	22.3	
100 Styrene	104	10.897	10.902	-0.005	96	249114	20.0	22.0	
102 Bromoform	173	11.212	11.212	0.000	96	68669	20.0	18.2	
103 Amyl acetate (mixed isomers)	43	11.243	11.243	0.000	91	111544	20.0	26.6	
104 Isopropylbenzene	105	11.421	11.421	0.000	95	588834	20.0	35.2	
$ 105 4-Bromofluorobenzene	174	11.699	11.699	0.000	97	208032	50.0	46.4	
106 Bromobenzene	156	11.872	11.872	0.000	91	102260	20.0	21.9	
107 1,1,2,2-Tetrachloroethane	83	11.967	11.967	0.000	95	98272	20.0	22.9	
110 N-Propylbenzene	91	11.993	11.993	0.000	99	571292	20.0	32.1	
108 1,2,3-Trichloropropane	110	12.019	12.019	0.000	95	29342	20.0	21.9	
109 trans-1,4-Dichloro-2-butene	53	12.056	12.056	0.000	93	23260	20.0	22.9	
111 2-Chlorotoluene	91	12.119	12.119	0.000	95	287088	20.0	24.4	
112 4-Ethyltoluene	105	12.145	12.150	-0.005	99	374279	20.0	25.0	
114 1,3,5-Trimethylbenzene	105	12.239	12.239	0.000	92	293807	20.0	24.9	
113 4-Chlorotoluene	91	12.271	12.271	0.000	97	284746	20.0	24.3	
115 Butyl Methacrylate	87	12.386	12.386	0.000	84	100506	20.0	24.0	
116 tert-Butylbenzene	119	12.601	12.601	0.000	92	266282	20.0	26.2	
117 1,2,4-Trimethylbenzene	105	12.674	12.675	-0.001	97	302626	20.0	24.8	
118 sec-Butylbenzene	105	12.847	12.848	-0.001	99	426696	20.0	29.7	
119 1,3-Dichlorobenzene	146	12.989	12.994	-0.005	96	169616	20.0	21.8	
122 4-Isopropyltoluene	119	13.010	13.010	0.000	97	300538	20.0	24.6	
* 120 1,4-Dichlorobenzene-d4	152	13.073	13.073	0.000	93	255789	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.099	13.099	0.000	96	169806	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	13.131	13.131	0.000	98	312503	20.0	25.2	
124 Benzyl chloride	91	13.256	13.257	-0.001	99	176571	20.0	22.8	
125 2,3-Dihydroindene	117	13.325	13.325	0.000	89	328739	20.0	25.5	
127 p-Diethylbenzene	119	13.403	13.403	0.000	94	186985	20.0	25.4	
128 n-Butylbenzene	92	13.429	13.430	-0.001	97	144602	20.0	25.3	
126 1,2-Dichlorobenzene	146	13.477	13.477	0.000	97	152677	20.0	21.7	
130 1,2,4,5-Tetramethylbenzene	119	14.137	14.137	0.000	97	247420	20.0	24.1	
129 1,2-Dibromo-3-Chloropropane	157	14.226	14.227	-0.001	89	20992	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	14.352	14.352	0.000	94	102698	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	14.887	14.887	0.000	94	86290	20.0	20.9	
133 Hexachlorobutadiene	225	14.981	14.982	-0.001	80	43050	20.0	22.1	
134 Naphthalene	128	15.086	15.092	-0.006	99	212831	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	15.280	15.280	0.000	93	70583	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	

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	44.3	
S 140 Total BTEX	1				0		100.0	117.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	45.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00015	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00183	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
GASES Li_00573	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00070	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 26-Feb-2024 13:05:33 Chrom Revision: 2.3 23-Feb-2024 16:51:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D

Injection Date: 26-Feb-2024 12:20:52 Instrument ID: CVOAMS15

Lims ID: 460-298659-A-3 MSD

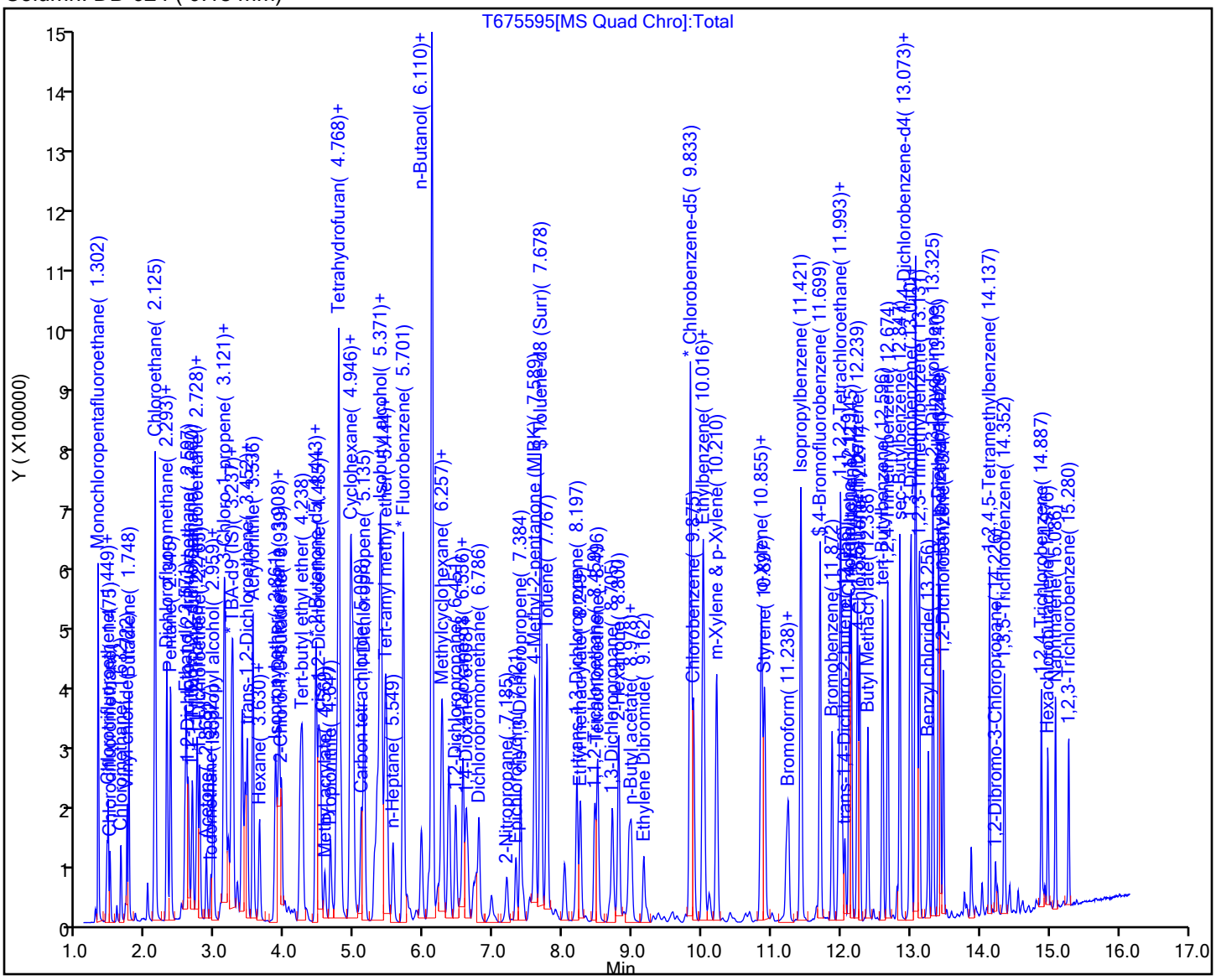
Client ID: NL-MW-3_20240220

Operator ID: ALS Bottle#: 0 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_15 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D
Lims ID: 460-298659-A-3 MSD
Client ID: NL-MW-3_20240220
Sample Type: MSD
Inject. Date: 26-Feb-2024 12:20:52 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-298659-A-3 MSD
Misc. Info.: 460-0172710-017
Operator ID: Instrument ID: CVOAMS15

Method: \\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Feb-2024 13:05:15 Calib Date: 13-Feb-2024 02:20:26
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20240212-172222.b\T675084.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: FK2C Date: 26-Feb-2024 13:05:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 53 Dibromofluoromethane (Surr)	50.0	43.9	87.81
$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.31
$ 83 Toluene-d8 (Surr)	50.0	55.9	111.72
$ 105 4-Bromofluorobenzene	50.0	46.4	92.76

Manual Integration/User Assign Peak Report

Eurofins Edison

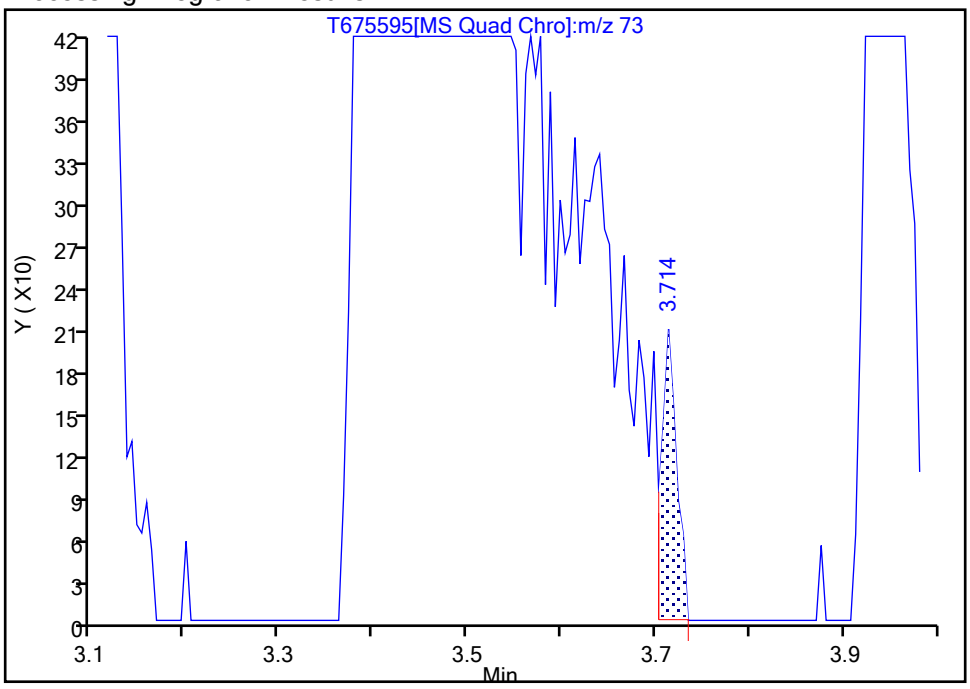
Data File:	\\chromfs\Edison\ChromData\CVOAMS15\20240226-172710.b\T675595.D				
Injection Date:	26-Feb-2024 12:20:52	Instrument ID:	CVOAMS15		
Lims ID:	460-298659-A-3 MSD				
Client ID:	NL-MW-3_20240220				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_15	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS Quad		

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

Signal: 1

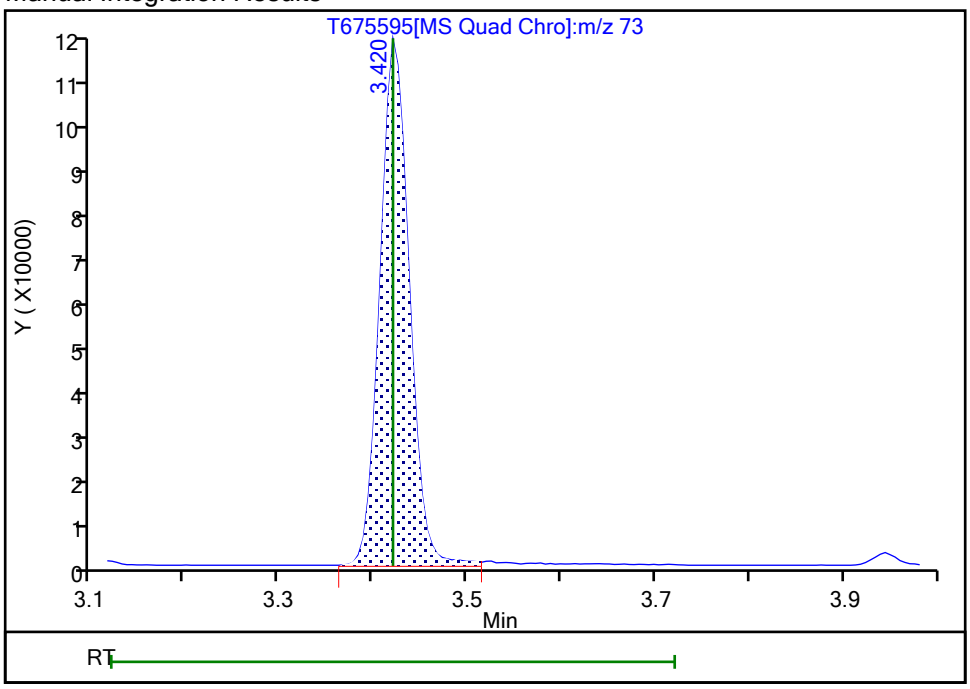
Processing Integration Results

RT: 3.71
Area: 237
Amount: 0.019746
Amount Units: ug/l



Manual Integration Results

RT: 3.42
Area: 244783
Amount: 20.394774
Amount Units: ug/l



Reviewer: FK2C, 26-Feb-2024 13:01:19 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 02/12/2024 21:52

Analysis Batch Number: 959077 End Date: 02/13/2024 13:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-959077/1		02/12/2024 21:52	1	T675075a.D	DB-624 0.18(mm)
STD8 460-959077/3 IC		02/12/2024 23:40	1	T675077.D	DB-624 0.18(mm)
STD05 460-959077/4 IC		02/13/2024 00:03	1	T675078.D	DB-624 0.18(mm)
STD1 460-959077/5 IC		02/13/2024 00:26	1	T675079.D	DB-624 0.18(mm)
STD5 460-959077/6 IC		02/13/2024 00:49	1	T675080.D	DB-624 0.18(mm)
STD20 460-959077/7 ICIS		02/13/2024 01:11	1	T675081.D	DB-624 0.18(mm)
STD50 460-959077/8 IC		02/13/2024 01:34	1	T675082.D	DB-624 0.18(mm)
STD200 460-959077/9 IC		02/13/2024 01:57	1	T675083.D	DB-624 0.18(mm)
STD500 460-959077/10 IC		02/13/2024 02:20	1	T675084.D	DB-624 0.18(mm)
ICV 460-959077/15		02/13/2024 04:14	1	T675089.D	DB-624 0.18(mm)
ZZZZZ		02/13/2024 04:37	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 04:59	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 06:08	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 06:31	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 06:54	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 07:16	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 07:39	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 08:02	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 08:25	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 08:48	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 09:10	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 09:33	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 09:56	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 10:19	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 10:42	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 12:13	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 12:36	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 12:59	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 13:22	1		DB-624 0.18(mm)
ZZZZZ		02/13/2024 13:45	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Instrument ID: CVOAMS15 Start Date: 02/26/2024 07:00

Analysis Batch Number: 961143 End Date: 02/26/2024 17:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-961143/3		02/26/2024 07:00	1	T675581.D	DB-624 0.18(mm)
LCS 460-961143/4		02/26/2024 07:25	1	T675582.D	DB-624 0.18(mm)
LCSD 460-961143/5		02/26/2024 07:48	1	T675583.D	DB-624 0.18(mm)
MB 460-961143/8		02/26/2024 08:57	1	T675586.D	DB-624 0.18(mm)
460-298659-5	NL-MW-TB-01_20240220	02/26/2024 09:19	1	T675587.D	DB-624 0.18(mm)
460-298659-6	NL-MW-FB-01_20240220	02/26/2024 09:42	1	T675588.D	DB-624 0.18(mm)
460-298659-1	NL-MW-1E_20240220	02/26/2024 10:05	1	T675589.D	DB-624 0.18(mm)
460-298659-2	NL-MW-2E_20240220	02/26/2024 10:27	1	T675590.D	DB-624 0.18(mm)
460-298659-4	NL-MW-Dup_20240220	02/26/2024 10:50	1	T675591.D	DB-624 0.18(mm)
460-298659-3	NL-MW-3_20240220	02/26/2024 11:13	1	T675592.D	DB-624 0.18(mm)
ZZZZZ		02/26/2024 11:35	10		DB-624 0.18(mm)
460-298659-3 MS	NL-MW-3_20240220 MS	02/26/2024 11:58	1	T675594.D	DB-624 0.18(mm)
460-298659-3 MSD	NL-MW-3_20240220 MSD	02/26/2024 12:20	1	T675595.D	DB-624 0.18(mm)
ZZZZZ		02/26/2024 13:06	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 13:28	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 13:51	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 14:14	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 14:36	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 14:59	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 15:22	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 15:44	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 16:07	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 17:15	1		DB-624 0.18(mm)
ZZZZZ		02/26/2024 17:38	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-298659-1

SDG No.:

Batch Number: 959077 Batch Start Date: 02/12/24 21:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00165	524FREONS 00014	7 Freons Hi 00011	7 Freons SS 00010
BFB 460-959077/1		8260D		5 mL	5 mL				
STD8 460-959077/3 IC		8260D		5 mL	5 mL				
STD05 460-959077/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		
STD1 460-959077/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-959077/6 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-959077/7 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-959077/8 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-959077/9 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-959077/10 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-959077/15		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00176	8260MIX1COMB 00183	ACROLEIN SP 00161	ACROLEIN W 00165	ACRY/EPIH MIX 00121	BFB 00035
BFB 460-959077/1		8260D							1 uL
STD8 460-959077/3 IC		8260D						20 uL	
STD05 460-959077/4 IC		8260D			5 uL		2 uL		
STD1 460-959077/5 IC		8260D			10 uL		4 uL		
STD5 460-959077/6 IC		8260D			10 uL		4 uL		
STD20 460-959077/7 ICIS		8260D			20 uL		4 uL		
STD50 460-959077/8 IC		8260D			50 uL		10 uL		
STD200 460-959077/9 IC		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.: 460-298659-1

SDG No.:

Batch Number: 959077 Batch Start Date: 02/12/24 21:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00176	8260MIX1COMB 00183	ACROLEIN SP 00161	ACROLEIN W 00165	ACRY/EPIH MIX 00121	BFB 00035
STD500 460-959077/10 IC		8260D					40 uL		
ICV 460-959077/15		8260D		20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00086	GAS C SP 00554	GAS Hi 00462	GASES Li 00571	MIX 2 Hi 00145	MIX I Hi 00173
BFB 460-959077/1		8260D							
STD8 460-959077/3 IC		8260D					2.5 uL		
STD05 460-959077/4 IC		8260D					5 uL		
STD1 460-959077/5 IC		8260D					10 uL		
STD5 460-959077/6 IC		8260D					10 uL		
STD20 460-959077/7 ICIS		8260D					20 uL		
STD50 460-959077/8 IC		8260D					50 uL		
STD200 460-959077/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-959077/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-959077/15		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMTBA500 00045	VOA6IS/SURR 00069				
BFB 460-959077/1		8260D							
STD8 460-959077/3 IC		8260D		2 uL	5 uL				
STD05 460-959077/4 IC		8260D			5 uL				
STD1 460-959077/5 IC		8260D			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.: 460-298659-1

SDG No.:

Batch Number: 959077 Batch Start Date: 02/12/24 21:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMTBA500 00045	VOA6IS/SURR 00069				
STD5 460-959077/6 IC		8260D			5 uL				
STD20 460-959077/7 ICIS		8260D			5 uL				
STD50 460-959077/8 IC		8260D			5 uL				
STD200 460-959077/9 IC		8260D			5 uL				
STD500 460-959077/10 IC		8260D			5 uL				
ICV 460-959077/15		8260D			5 uL				

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.: 460-298659-1

SDG No.:

Batch Number: 961143 Batch Start Date: 02/26/24 07:00 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00015	8260MIX1COMB 00183	ACROLEIN W 00165
CCVIS 460-961143/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-961143/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-961143/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-961143/8		8260D		5 mL	5 mL				
460-298659-A-5	NL-MW-TB-01_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-6	NL-MW-FB-01_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-1	NL-MW-1E_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-2	NL-MW-2E_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-4	NL-MW-Dup_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-3	NL-MW-3_20240220	8260D	T	5 mL	5 mL	<2 PH Units			
460-298659-A-3 MS	NL-MW-3_20240220	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-298659-A-3 MSD	NL-MW-3_20240220	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00573	VOA6IS/SURR 00070				
CCVIS 460-961143/3		8260D		20 uL	5 uL				
LCS 460-961143/4		8260D		20 uL	5 uL				
LCSD 460-961143/5		8260D		20 uL	5 uL				
MB 460-961143/8		8260D			5 uL				
460-298659-A-5	NL-MW-TB-01_20240220	8260D	T		5 uL				
460-298659-A-6	NL-MW-FB-01_20240220	8260D	T		5 uL				
460-298659-A-1	NL-MW-1E_20240220	8260D	T		5 uL				
460-298659-A-2	NL-MW-2E_20240220	8260D	T		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.: 460-298659-1

SDG No.:

Batch Number: 961143 Batch Start Date: 02/26/24 07:00 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00573	VOA6IS/SURR 00070				
460-298659-A-4	NL-MW-Dup_20240220	8260D	T		5 uL				
460-298659-A-3	NL-MW-3_20240220	8260D	T		5 uL				
460-298659-A-3 MS	NL-MW-3_20240220	8260D	T	20 uL	5 uL				
460-298659-A-3 MSD	NL-MW-3_20240220	8260D	T	20 uL	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

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information	Sampler: C. Bearden	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No:
Client Contact: Dustin Kapson/Mark Jepson	Phone: 336-266-9330	E-Mail: melissa.haas@testamericainc.com		Page: Page 1 of 1
Company: AKRF Inc				Job #: 11455

Address: 440 Park Avenue South 7th Floor	Due Date Requested:	Analysis Requested
City: New York	TAT Requested (days): Standard TAT	
State, Zip: NY 10016		
Phone:	PO #:	
Email: dkapson@akrf.com	WO #:	
Project Name: 3200 Jerome	Project #: 11455	
Site: 3200 Jerome Ave Bronx, NY	SSOW#:	

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

460-298659 Chain of Custody

TCL VOC 8260

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Preservation Code:	Total Number of Containers	Special Instructions/Note:
							N N N N N N N N N		298659
NL-MW-1E_20240220	2/20/24	0910	G	GW			X	3	-1
NL-MW-2E_20240220		1012					X	3	-2
NL-MW-3_20240220		1106				X	X	3	-3
NL-MW-Dup_20240220		1200					X	3	-4
~~NL-MW-FB-20240220~~ (MS) 2/21/24									-
NL-MW-TB-01_20240220				TB			X	2	NL-MW-TB-01_20240220 -5
NL-MW-FB-01_20240220		1110		FB			X	3	-6

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify): NY Cat B + Equis

Special Instructions/QC Requirements:
lab to report project specific compound list

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Marcela Sanchez	2/20/24	AKRF	ETA	2-20-24 1300	ETA
Relinquished by:	Date/Time: 2-20 24 1700	Company ETA	Received by:	Date/Time: 2/20/24 1800	Company
Relinquished by:	Date/Time: 2/20/24 2000	Company	Received by:	Date/Time: 2/20/24 2000	Company ETA

Custody Seals Intact: △ Yes △ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

1.1/1.5 +1.0

Ver 01/16/2019

2/27/2024 9:41:16 AM

2112

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 298659

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	11 °C	15 °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. [signature] Date 2/20/24

2/27/2024
9:41:16 AM

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-298659-1

Login Number: 298659
List Number: 1
Creator: Lysy, Susan

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 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):	C. Bearden & M. Sanchez	**Date:**	11/7/2023
Time IN:	11:17 AM	**Time OUT:**	1:10 PM

General

Weather:	Temperature (°F):	Barometric Pressure:	Ambient Air PID (ppm):
Sunny	61	29.58 in. Hg	background = ND, basment = ND, 1st Floor = ND

When was the last rain event? **Tuesday November 7, 2023 (4:00 AM)**

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): **66°F**	T-102; Post-Blower Temperature(°F): **78°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): **17.535"**	Vaccum Loss Across Blower (inches H_2O): **0.465"** Notable Change since last inspection?: **No (0.035")**	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]	-1.250	0.030	40	0.0	2
SSDS-6	Basement Manifold [1]	-1.907	0.075	63	0.0	2
SSDS-5	Basement Manifold [1]	-1.470	0.170	95	0.0	2
SSDS-4	Basement Manifold [1]	-1.745	0.030	40	0.0	2-3
SSDS-3	Basement Manifold [1]	-2.105	0.055	54	0.0	2-3
SSDS-2	Basement Manifold [1]	-1.981	0.030	40	0.0	2
SSDS-1	Basement Manifold [1]	-1.674	0.040	46	0.0	2
SVE-1	Basement Manifold [1]	-18.000	0.005	16	1.8	8
SSDS-7	Basement Manifold [1]	-2.594	0.005	16	0.0	2
Ambient Air in Basement	Basement	NA	NA	NA	0.0	NA
Pre-Blower (Combined)	Basement	-18.00	NA	NA	0.0	NA
Post-Blower (Stack) (Combined)	Basement	0.104	NA	NA	0.0	NA
MP-1	First Floor [2]	-1.218	NA	NA	0.0	NA
MP-2	First Floor [2]	-0.198	NA	NA	0.0	NA
MP-3	First Floor [2]	-0.034	NA	NA	0.0	NA
MP-4	First Floor [2]	-0.047	NA	NA	0.0	NA

Comments: Vacuum ranges recorded during this inspection were slightly above the anticipated range.

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 11/07/2023 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)

DETAILED SYSTEM MONITORING INSPECTION FORM
FORMER NESSEN LAMPS SITE
3200 Jerome Avenue, Bronx, New York

Inspector Name(s):	C. Bearden & M. Sanchez	**Date:**	2/20/2024
Time IN:	12:30 AM	**Time OUT:**	15:00:00 PM

General

Weather:	Temperature (°F):	Barometric Pressure:	Ambient Air PID (ppm):
Sunny	37	30.50 in. Hg	background = ND, basment = 0.2 ppm, 1st Floor = ND

When was the last rain event? Saturday **February 17, 2024 (10:00 AM)**

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): **60°F**	T-102; Post-Blower Temperature(°F): **76°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): **17.54"**	Vaccum Loss Across Blower (inches H_2O): **0.460"** Notable Change since last inspection?: **No (0.005")**	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]	-1.045	0.025	37	1.1	2
SSDS-6	Basement Manifold [1]	-1.730	0.080	66	0.9	2
SSDS-5	Basement Manifold [1]	-1.096	0.105	75	1.1	2
SSDS-4	Basement Manifold [1]	-1.539	0.030	40	0.9	2-3
SSDS-3	Basement Manifold [1]	-1.621	0.055	54	1.0	2-3
SSDS-2	Basement Manifold [1]	-1.795	0.030	40	0.8	2
SSDS-1	Basement Manifold [1]	-1.476	0.040	46	0.7	2
SVE-1	Basement Manifold [1]	-18.000	0.005	16	1.3	8
SSDS-7	Basement Manifold [1]	-2.439	0.005	16	1.2	2
Ambient Air in Basement	Basement	NA	NA	NA	0.2	NA
Pre-Blower (Combined)	Basement	-18.00	NA	NA	0.0	NA
Post-Blower (Stack) (Combined)	Basement	0.104	NA	NA	0.0	NA
MP-1	First Floor [2]	-7.764	NA	NA	0.0	NA
MP-2	First Floor [2]	-0.111	NA	NA	0.0	NA
MP-3	First Floor [2]	-0.030	NA	NA	0.0	NA
MP-4	First Floor [2]	-0.016	NA	NA	0.0	NA

Comments: Vacuum ranges recorded during this inspection were slightly above the anticipated range.
MP-1 reading was also recorded above anticipated range after several attempts to retake reading.

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_20240220	2/20/2024	13:58	14:00	
SSDS-7	NL-IV-7_20240220	2/20/2024	13:33	13:43	
Total Influent	NL-IV-Total_20240220	2/20/2024	14:00	14:10	
Duplicate	NL-IV-Dup_20240220	2/20/2024	13:43	13:53	Duplicate of SSDS-7
Total Effluent (Stack)	NL-EV-Post_20240220	2/20/2024	14:10	14:20	

Notes: SVE-1, SSDS-7, total influent, and total effluent were sampled on 2/20/2024.

Emergency Contact Information		
Name	**Title**	**Contact Number**
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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 20, 2024
From 3200 Jerome Avenue
Bronx, New York
by AKRF, Inc.
Project No: 11455

SAMPLE DELIVERY GROUP NUMBER:
L2409115
Alpha Analytical (ELAP #11148)

SUBMITTED TO:

Ms. Marcela Sanchez/AKRF, Inc
440 Park Avenue South, 7th Floor
New York, NY 10016

Cc: Mr. Dustin A. Kapson/AKRF, Inc.
Mr. Mark Jepsen/AKRF, Inc.
Ms. Claire Bearden/AKRF, Inc.

March 09, 2024

PREPARED BY:

Lori A. Beyer/President
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Lori A. Beyer

Phone (516) 523-7891 email LABValidation@aol.com

3200 Jerome Avenue; Bronx, New York; February 2024
Data Validation Report: Volatile Organics by EPA Method TO15

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Introduction:

A validation was performed on soil vapor air samples for Volatile Organic analysis collected by AKRF, Inc. and submitted to Alpha 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 20, 2024.

The samples were analyzed by Alpha Analytical utilizing 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 field air samples:

Sample Identification	Laboratory Identification	Sample Matrix (Air Type)	Collection Date
NL-IV-TOTAL_20240220	L2409115-01	Soil Vapor	02/20/2024
NL-IV-SVE-1_20240220	L2409115-02	Soil Vapor	02/20/2024
NL-IV-7_20240220	L2409115-03	Soil Vapor	02/20/2024
NL-EV-POST_20240220	L2409115-04	Soil Vapor	02/20/2024
NL-IV-DUP_20240220 [Field Duplicate of NL-IV-7_20240220]	L2409115-05	Soil Vapor	02/20/2024

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 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 20, 2024. 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 summarize 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 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.

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:

Field Duplicate analysis was performed on NL-IV-7_20240220 as NL-IV-DUP_20240220. 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_20240220	NL-IV_DUP_20240220
Dichlorodifluoromethane	2.40 ug/m3	2.72 ug/m3
Ethanol	*448 ug/m3*	*268 ug/m3*
Acetone	*41.3 ug/m3*	*25.9 ug/m3*
Isopropanol	236 ug/m3	227 ug/m3
n-Hexane	4.51 ug/m3	3.37 ug/m3
Benzene	7.19 ug/m3	6.45 ug/m3
Cyclohexane	1.41 ug/m3	1.39 U (ug/m3)
Trichloroethene	3.46 ug/m3	2.18 U (ug/m3)
2,2,4-Trimethylpentante	2.37 ug/m3	1.89 U (ug/m3)
Heptane	2.66 ug/m3	2.39 U (ug/m3)
Toluene	6.10 ug/m3	5.62 ug/m3
m+p-Xylene	4.34 ug/m3	4.11 ug/m3
1,2,4-Trimethylbenzene	2.22 ug/m3	2.00 U (ug/m3)

Ethanol and Acetone concentrations were higher (>25%) in the parent sample . Both the parent and field duplicate concentrations must be considered estimated, "J." It is recommended that the end user make decisions based on the higher parent 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 was determined to be >70%-<130% for all 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. 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 from all the associated blanks is required to be utilized. 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:
The table below is utilized to qualify samples with target compound results also present in certification blanks:

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 and Methylene Chloride are common laboratory contaminants. The end user should proceed with caution when making decisions based on these detections since these are common solvents utilized in the organic extraction laboratory and could not be negated due to lack of presence in the corresponding blanks.

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
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 document 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. %D was <30% for all target compounds.

Initial Calibrations: The initial calibrations provided and the %RSD was within acceptable limits (30%) and (40%) for poor responders for target compounds. Initial calibration verification (ICV); second source standard also met QC requirements.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (30%) 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 (-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.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis are 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 Valerie A. Butler **Date** 03/09/2024

Appendix A
Chain of Custody Document
And Sample Receipt Checklist

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 1 OF 1

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/21/24

ALPHA Job #: L2409115

Client Information

Client: AKRF, Inc.
Address: 440 Ninth Ave 5 Floor 7 NY, NY 10018
Phone: 646-560-5525
Fax:
Email: [illegible]@akrf.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3200 Jerome
Project Location: 3200 Jerome Ave Bronx NY
Project #: 11455
Project Manager: Mark Jeffery
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: NJ Red Bank
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: Use 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 (in Hg)	Final Vacuum (in Hg)	Sample Matrix*	Sampler's Initials	Can Size	Flow Controller ID	Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
09115.01	NL-IV-Total_20240220	2/20/24	1400	1410			SV	LB MS	1L			X					
.02	NL-SVE-1_20240220	2/20/24	1350	1400								X					
.03	NL-IV-7_20240220	2/20/24	1335	1343								X					
.04	NL-EV-Post_20240220	2/20/24	1410	1420								X					
.05	NL-IV-Dup_20240220	↓	1343	1353								X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 1L (Tedlar)

Relinquished By:	Date/Time	Received By:	Date/Time
M Schwartz AKRF	2/21/24	Tyler McGinnis	2/20/24 1451
Anthony Green	2/20/24 1515	Anthony Green	FEB 20 2024 2019
	2/20/24 2345		2/20/24 2345
	2/21/24 0900		2/21/24 0900

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.

Form No: 101-02 Rev: (25-Sep-19)

Sample Delivery Group Summary

Alpha Job Number : L2409115

Account Name : AKRF, Inc.
Project Number : 11455
Project Name : 3200 JEROME

Received : 20-FEB-2024
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Alpha 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

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 Alpha 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, Alpha'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 Alpha 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.

Case Narrative (continued)

Volatile Organics in Air

L2409115-01D through -05D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

L2409115-01D through -05D: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

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: 02/29/24

Title: Technical Director/Representative

Appendix C
Data Summary Form I's
With Qualifications

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-01D	Date Collected	: 02/20/24 14:10
Client ID	: NL-IV-TOTAL_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 01:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.041
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222721	Instrument ID	: AIRLAB22
Sample Amount	: 122 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.778	0.408	--	3.85	2.02	--	
74-87-3	Chloromethane	ND	0.408	--	ND	0.843	--	U
76-14-2	Freon-114	0.537	0.408	--	3.75	2.85	--	
75-01-4	Vinyl chloride	ND	0.408	--	ND	1.04	--	U
106-99-0	1,3-Butadiene	ND	0.408	--	ND	0.903	--	U
74-83-9	Bromomethane	ND	0.408	--	ND	1.58	--	U
75-00-3	Chloroethane	ND	0.408	--	ND	1.08	--	U
64-17-5	Ethanol	107	10.2	--	202	19.2	--	
593-60-2	Vinyl bromide	ND	0.408	--	ND	1.78	--	U
67-64-1	Acetone	8.75	2.04	--	20.8	4.85	--	
75-69-4	Trichlorofluoromethane	ND	0.408	--	ND	2.29	--	U
67-63-0	Isopropanol	57.4	1.02	--	141	2.51	--	
75-35-4	1,1-Dichloroethene	ND	0.408	--	ND	1.62	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.02	--	ND	3.09	--	U
75-09-2	Methylene chloride	ND	1.02	--	ND	3.54	--	U
107-05-1	3-Chloropropene	ND	0.408	--	ND	1.28	--	U
75-15-0	Carbon disulfide	ND	0.408	--	ND	1.27	--	U
76-13-1	Freon-113	ND	0.408	--	ND	3.13	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--	U
75-34-3	1,1-Dichloroethane	ND	0.408	--	ND	1.65	--	U
1634-04-4	Methyl tert butyl ether	ND	0.408	--	ND	1.47	--	U
78-93-3	2-Butanone	ND	1.02	--	ND	3.01	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--	U
141-78-6	Ethyl Acetate	ND	1.02	--	ND	3.68	--	U
67-66-3	Chloroform	1.01	0.408	--	4.93	1.99	--	
109-99-9	Tetrahydrofuran	ND	1.02	--	ND	3.01	--	U

Sep 3/4/2024

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-01D	Date Collected	: 02/20/24 14:10
Client ID	: NL-IV-TOTAL_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 01:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.041
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222721	Instrument ID	: AIRLAB22
Sample Amount	: 122 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	0.408	--	ND	1.65	--	U
110-54-3	n-Hexane	1.05	0.408	--	3.70	1.44	--	
71-55-6	1,1,1-Trichloroethane	ND	0.408	--	ND	2.23	--	U
71-43-2	Benzene	1.55	0.408	--	4.95	1.30	--	
56-23-5	Carbon tetrachloride	ND	0.408	--	ND	2.57	--	U
110-82-7	Cyclohexane	ND	0.408	--	ND	1.40	--	U
78-87-5	1,2-Dichloropropane	ND	0.408	--	ND	1.89	--	U
75-27-4	Bromodichloromethane	ND	0.408	--	ND	2.73	--	U
123-91-1	1,4-Dioxane	ND	0.408	--	ND	1.47	--	U
79-01-6	Trichloroethene	34.0	0.408	--	183	2.19	--	
540-84-1	2,2,4-Trimethylpentane	0.420	0.408	--	1.96	1.91	--	
142-82-5	Heptane	0.504	0.408	--	2.07	1.67	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.02	--	ND	4.18	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.408	--	ND	2.23	--	U
108-88-3	Toluene	1.31	0.408	--	4.94	1.54	--	
591-78-6	2-Hexanone	ND	0.408	--	ND	1.67	--	U
124-48-1	Dibromochloromethane	ND	0.408	--	ND	3.48	--	U
106-93-4	1,2-Dibromoethane	ND	0.408	--	ND	3.14	--	U
127-18-4	Tetrachloroethene	ND	0.408	--	ND	2.77	--	U
108-90-7	Chlorobenzene	ND	0.408	--	ND	1.88	--	U
100-41-4	Ethylbenzene	ND	0.408	--	ND	1.77	--	U
179601-23-1	p/m-Xylene	0.959	0.816	--	4.17	3.54	--	
75-25-2	Bromoform	ND	0.408	--	ND	4.22	--	U
100-42-5	Styrene	ND	0.408	--	ND	1.74	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-01D	Date Collected	: 02/20/24 14:10
Client ID	: NL-IV-TOTAL_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 01:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.041
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222721	Instrument ID	: AIRLAB22
Sample Amount	: 122 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	0.408	--	ND	2.80	--	U
95-47-6	o-Xylene	ND	0.408	--	ND	1.77	--	U
622-96-8	4-Ethyltoluene	ND	0.408	--	ND	2.01	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.408	--	ND	2.01	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.408	--	ND	2.01	--	U
100-44-7	Benzyl chloride	ND	0.408	--	ND	2.11	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.408	--	ND	2.45	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.408	--	ND	2.45	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.408	--	ND	2.45	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.408	--	ND	3.03	--	U
87-68-3	Hexachlorobutadiene	ND	0.408	--	ND	4.35	--	U

for 3/6/2024

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-02D	Date Collected	: 02/20/24 14:00
Client ID	: NL-SVE-1_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.973
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222722	Instrument ID	: AIRLAB22
Sample Amount	: 127 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.521	0.395	--	2.58	1.95	--	
74-87-3	Chloromethane	ND	0.395	--	ND	0.816	--	U
76-14-2	Freon-114	ND	0.395	--	ND	2.76	--	U
75-01-4	Vinyl chloride	ND	0.395	--	ND	1.01	--	U
106-99-0	1,3-Butadiene	ND	0.395	--	ND	0.874	--	U
74-83-9	Bromomethane	ND	0.395	--	ND	1.53	--	U
75-00-3	Chloroethane	ND	0.395	--	ND	1.04	--	U
64-17-5	Ethanol	117	9.86	--	220	18.6	--	
593-60-2	Vinyl bromide	ND	0.395	--	ND	1.73	--	U
67-64-1	Acetone	6.62	1.97	--	15.7	4.68	--	
75-69-4	Trichlorofluoromethane	ND	0.395	--	ND	2.22	--	U
67-63-0	Isopropanol	24.6	0.986	--	60.5	2.42	--	
75-35-4	1,1-Dichloroethene	ND	0.395	--	ND	1.57	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.986	--	ND	2.99	--	U
75-09-2	Methylene chloride	1.09	0.986	--	3.79	3.43	--	
107-05-1	3-Chloropropene	ND	0.395	--	ND	1.24	--	U
75-15-0	Carbon disulfide	0.509	0.395	--	1.59	1.23	--	
76-13-1	Freon-113	ND	0.395	--	ND	3.03	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.395	--	ND	1.57	--	U
75-34-3	1,1-Dichloroethane	ND	0.395	--	ND	1.60	--	U
1634-04-4	Methyl tert butyl ether	ND	0.395	--	ND	1.42	--	U
78-93-3	2-Butanone	ND	0.986	--	ND	2.91	--	U
156-59-2	cis-1,2-Dichloroethene	4.10	0.395	--	16.3	1.57	--	
141-78-6	Ethyl Acetate	ND	0.986	--	ND	3.55	--	U
67-66-3	Chloroform	5.83	0.395	--	28.5	1.93	--	
109-99-9	Tetrahydrofuran	ND	0.986	--	ND	2.91	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-02D	Date Collected	: 02/20/24 14:00
Client ID	: NL-SVE-1_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.973
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222722	Instrument ID	: AIRLAB22
Sample Amount	: 127 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	0.395	--	ND	1.60	--	U
110-54-3	n-Hexane	ND	0.395	--	ND	1.39	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.395	--	ND	2.16	--	U
71-43-2	Benzene	0.752	0.395	--	2.40	1.26	--	
56-23-5	Carbon tetrachloride	ND	0.395	--	ND	2.48	--	U
110-82-7	Cyclohexane	0.604	0.395	--	2.08	1.36	--	
78-87-5	1,2-Dichloropropane	ND	0.395	--	ND	1.83	--	U
75-27-4	Bromodichloromethane	ND	0.395	--	ND	2.65	--	U
123-91-1	1,4-Dioxane	ND	0.395	--	ND	1.42	--	U
79-01-6	Trichloroethene	138	0.395	--	742	2.12	--	
540-84-1	2,2,4-Trimethylpentane	0.422	0.395	--	1.97	1.84	--	
142-82-5	Heptane	ND	0.395	--	ND	1.62	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.395	--	ND	1.79	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.986	--	ND	4.04	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.395	--	ND	1.79	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.395	--	ND	2.16	--	U
108-88-3	Toluene	0.984	0.395	--	3.71	1.49	--	
591-78-6	2-Hexanone	ND	0.395	--	ND	1.62	--	U
124-48-1	Dibromochloromethane	ND	0.395	--	ND	3.37	--	U
106-93-4	1,2-Dibromoethane	ND	0.395	--	ND	3.04	--	U
127-18-4	Tetrachloroethene	0.475	0.395	--	3.22	2.68	--	
108-90-7	Chlorobenzene	ND	0.395	--	ND	1.82	--	U
100-41-4	Ethylbenzene	ND	0.395	--	ND	1.72	--	U
179601-23-1	p/m-Xylene	0.890	0.789	--	3.87	3.43	--	
75-25-2	Bromoform	ND	0.395	--	ND	4.08	--	U
100-42-5	Styrene	ND	0.395	--	ND	1.68	--	U

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ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-02D	Date Collected	: 02/20/24 14:00
Client ID	: NL-SVE-1_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.973
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222722	Instrument ID	: AIRLAB22
Sample Amount	: 127 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	0.395	--	ND	2.71	--	U
95-47-6	o-Xylene	0.395	0.395	--	1.72	1.72	--	
622-96-8	4-Ethyltoluene	ND	0.395	--	ND	1.94	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.395	--	ND	1.94	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.395	--	ND	1.94	--	U
100-44-7	Benzyl chloride	ND	0.395	--	ND	2.05	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.395	--	ND	2.37	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.395	--	ND	2.37	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.395	--	ND	2.37	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.395	--	ND	2.93	--	U
87-68-3	Hexachlorobutadiene	ND	0.395	--	ND	4.21	--	U

for 3/6/2024

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-03D	Date Collected	: 02/20/24 13:43
Client ID	: NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222723	Instrument ID	: AIRLAB22
Sample Amount	: 123 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.486	0.405	--	2.40	2.00	--	
74-87-3	Chloromethane	ND	0.405	--	ND	0.836	--	U
76-14-2	Freon-114	ND	0.405	--	ND	2.83	--	U
75-01-4	Vinyl chloride	ND	0.405	--	ND	1.04	--	U
106-99-0	1,3-Butadiene	ND	0.405	--	ND	0.896	--	U
74-83-9	Bromomethane	ND	0.405	--	ND	1.57	--	U
75-00-3	Chloroethane	ND	0.405	--	ND	1.07	--	U
64-17-5	Ethanol	238	10.1	--	448	19.0	--	J
593-60-2	Vinyl bromide	ND	0.405	--	ND	1.77	--	U
67-64-1	Acetone	17.4	2.03	--	41.3	4.82	--	J
75-69-4	Trichlorofluoromethane	ND	0.405	--	ND	2.28	--	U
67-63-0	Isopropanol	96.2	1.01	--	236	2.48	--	
75-35-4	1,1-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.01	--	ND	3.06	--	U
75-09-2	Methylene chloride	ND	1.01	--	ND	3.51	--	U
107-05-1	3-Chloropropene	ND	0.405	--	ND	1.27	--	U
75-15-0	Carbon disulfide	ND	0.405	--	ND	1.26	--	U
76-13-1	Freon-113	ND	0.405	--	ND	3.10	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-34-3	1,1-Dichloroethane	ND	0.405	--	ND	1.64	--	U
1634-04-4	Methyl tert butyl ether	ND	0.405	--	ND	1.46	--	U
78-93-3	2-Butanone	ND	1.01	--	ND	2.98	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
141-78-6	Ethyl Acetate	ND	1.01	--	ND	3.64	--	U
67-66-3	Chloroform	ND	0.405	--	ND	1.98	--	U
109-99-9	Tetrahydrofuran	ND	1.01	--	ND	2.98	--	U

for 3/6/2024

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-03D	Date Collected	: 02/20/24 13:43
Client ID	: NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222723	Instrument ID	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	1.64	--	U
110-54-3	n-Hexane	1.28	0.405	--	4.51	1.43	--	
71-55-6	1,1,1-Trichloroethane	ND	0.405	--	ND	2.21	--	U
71-43-2	Benzene	2.25	0.405	--	7.19	1.29	--	
56-23-5	Carbon tetrachloride	ND	0.405	--	ND	2.55	--	U
110-82-7	Cyclohexane	0.409	0.405	--	1.41	1.39	--	
78-87-5	1,2-Dichloropropane	ND	0.405	--	ND	1.87	--	U
75-27-4	Bromodichloromethane	ND	0.405	--	ND	2.71	--	U
123-91-1	1,4-Dioxane	ND	0.405	--	ND	1.46	--	U
79-01-6	Trichloroethene	0.644	0.405	--	3.46	2.18	--	
540-84-1	2,2,4-Trimethylpentane	0.507	0.405	--	2.37	1.89	--	
142-82-5	Heptane	0.649	0.405	--	2.66	1.66	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.01	--	ND	4.14	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.405	--	ND	2.21	--	U
108-88-3	Toluene	1.62	0.405	--	6.10	1.53	--	
591-78-6	2-Hexanone	ND	0.405	--	ND	1.66	--	U
124-48-1	Dibromochloromethane	ND	0.405	--	ND	3.45	--	U
106-93-4	1,2-Dibromoethane	ND	0.405	--	ND	3.11	--	U
127-18-4	Tetrachloroethene	ND	0.405	--	ND	2.75	--	U
108-90-7	Chlorobenzene	ND	0.405	--	ND	1.87	--	U
100-41-4	Ethylbenzene	ND	0.405	--	ND	1.76	--	U
179601-23-1	p/m-Xylene	1.00	0.811	--	4.34	3.52	--	
75-25-2	Bromoform	ND	0.405	--	ND	4.19	--	U
100-42-5	Styrene	ND	0.405	--	ND	1.72	--	U

for 3/6/2024

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-03D	Date Collected	: 02/20/24 13:43
Client ID	: NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222723	Instrument ID	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	2.78	--	U
95-47-6	o-Xylene	ND	0.405	--	ND	1.76	--	U
622-96-8	4-Ethyltoluene	ND	0.405	--	ND	1.99	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
100-44-7	Benzyl chloride	ND	0.405	--	ND	2.10	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.405	--	ND	3.01	--	U
87-68-3	Hexachlorobutadiene	ND	0.405	--	ND	4.32	--	U

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-04D	Date Collected	: 02/20/24 14:20
Client ID	: NL-EV-POST_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.967
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222724	Instrument ID	: AIRLAB22
Sample Amount	: 127 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.724	0.393	--	3.58	1.94	--	
74-87-3	Chloromethane	0.411	0.393	--	0.849	0.812	--	
76-14-2	Freon-114	ND	0.393	--	ND	2.75	--	U
75-01-4	Vinyl chloride	ND	0.393	--	ND	1.00	--	U
106-99-0	1,3-Butadiene	ND	0.393	--	ND	0.869	--	U
74-83-9	Bromomethane	ND	0.393	--	ND	1.53	--	U
75-00-3	Chloroethane	ND	0.393	--	ND	1.04	--	U
64-17-5	Ethanol	86.7	9.84	--	163	18.5	--	
593-60-2	Vinyl bromide	ND	0.393	--	ND	1.72	--	U
67-64-1	Acetone	12.4	1.97	--	29.5	4.68	--	
75-69-4	Trichlorofluoromethane	ND	0.393	--	ND	2.21	--	U
67-63-0	Isopropanol	49.0	0.984	--	120	2.42	--	
75-35-4	1,1-Dichloroethene	ND	0.393	--	ND	1.56	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.984	--	ND	2.98	--	U
75-09-2	Methylene chloride	ND	0.984	--	ND	3.42	--	U
107-05-1	3-Chloropropene	ND	0.393	--	ND	1.23	--	U
75-15-0	Carbon disulfide	ND	0.393	--	ND	1.22	--	U
76-13-1	Freon-113	ND	0.393	--	ND	3.01	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.393	--	ND	1.56	--	U
75-34-3	1,1-Dichloroethane	ND	0.393	--	ND	1.59	--	U
1634-04-4	Methyl tert butyl ether	ND	0.393	--	ND	1.42	--	U
78-93-3	2-Butanone	ND	0.984	--	ND	2.90	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.393	--	ND	1.56	--	U
141-78-6	Ethyl Acetate	ND	0.984	--	ND	3.55	--	U
67-66-3	Chloroform	ND	0.393	--	ND	1.92	--	U
109-99-9	Tetrahydrofuran	ND	0.984	--	ND	2.90	--	U

3/6/2024

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-04D	Date Collected	: 02/20/24 14:20
Client ID	: NL-EV-POST_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.967
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222724	Instrument ID	: AIRLAB22
Sample Amount	: 127 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	0.393	--	ND	1.59	--	U
110-54-3	n-Hexane	1.13	0.393	--	3.98	1.39	--	
71-55-6	1,1,1-Trichloroethane	ND	0.393	--	ND	2.14	--	U
71-43-2	Benzene	1.36	0.393	--	4.34	1.26	--	
56-23-5	Carbon tetrachloride	ND	0.393	--	ND	2.47	--	U
110-82-7	Cyclohexane	ND	0.393	--	ND	1.35	--	U
78-87-5	1,2-Dichloropropane	ND	0.393	--	ND	1.82	--	U
75-27-4	Bromodichloromethane	ND	0.393	--	ND	2.63	--	U
123-91-1	1,4-Dioxane	ND	0.393	--	ND	1.42	--	U
79-01-6	Trichloroethene	12.2	0.393	--	65.6	2.11	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.393	--	ND	1.84	--	U
142-82-5	Heptane	0.441	0.393	--	1.81	1.61	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.393	--	ND	1.78	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.984	--	ND	4.03	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.393	--	ND	1.78	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.393	--	ND	2.14	--	U
108-88-3	Toluene	1.10	0.393	--	4.15	1.48	--	
591-78-6	2-Hexanone	ND	0.393	--	ND	1.61	--	U
124-48-1	Dibromochloromethane	ND	0.393	--	ND	3.35	--	U
106-93-4	1,2-Dibromoethane	ND	0.393	--	ND	3.02	--	U
127-18-4	Tetrachloroethene	ND	0.393	--	ND	2.67	--	U
108-90-7	Chlorobenzene	ND	0.393	--	ND	1.81	--	U
100-41-4	Ethylbenzene	ND	0.393	--	ND	1.71	--	U
179601-23-1	p/m-Xylene	0.795	0.787	--	3.45	3.42	--	
75-25-2	Bromoform	ND	0.393	--	ND	4.06	--	U
100-42-5	Styrene	ND	0.393	--	ND	1.67	--	U

for 3/6/2024

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-04D	Date Collected	: 02/20/24 14:20
Client ID	: NL-EV-POST_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.967
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222724	Instrument ID	: AIRLAB22
Sample Amount	: 127 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	0.393	--	ND	2.70	--	U
95-47-6	o-Xylene	ND	0.393	--	ND	1.71	--	U
622-96-8	4-Ethyltoluene	ND	0.393	--	ND	1.93	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.393	--	ND	1.93	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.393	--	ND	1.93	--	U
100-44-7	Benzyl chloride	ND	0.393	--	ND	2.03	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.393	--	ND	2.36	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.393	--	ND	2.36	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.393	--	ND	2.36	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.393	--	ND	2.92	--	U
87-68-3	Hexachlorobutadiene	ND	0.393	--	ND	4.19	--	U

for 3/6/2024

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-05D	Date Collected	: 02/20/24 13:53
Client ID	: NL-IV-DUP_20240220 NL-IV-7-20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:54
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222725	Instrument ID	: AIRLAB22
Sample Amount	: 123 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.551	0.405	--	2.72	2.00	--	
74-87-3	Chloromethane	ND	0.405	--	ND	0.836	--	U
76-14-2	Freon-114	ND	0.405	--	ND	2.83	--	U
75-01-4	Vinyl chloride	ND	0.405	--	ND	1.04	--	U
106-99-0	1,3-Butadiene	ND	0.405	--	ND	0.896	--	U
74-83-9	Bromomethane	ND	0.405	--	ND	1.57	--	U
75-00-3	Chloroethane	ND	0.405	--	ND	1.07	--	U
64-17-5	Ethanol	142	10.1	--	268	19.0	--	J
593-60-2	Vinyl bromide	ND	0.405	--	ND	1.77	--	U
67-64-1	Acetone	10.9	2.03	--	25.9	4.82	--	J
75-69-4	Trichlorofluoromethane	ND	0.405	--	ND	2.28	--	U
67-63-0	Isopropanol	92.3	1.01	--	227	2.48	--	
75-35-4	1,1-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.01	--	ND	3.06	--	U
75-09-2	Methylene chloride	ND	1.01	--	ND	3.51	--	U
107-05-1	3-Chloropropene	ND	0.405	--	ND	1.27	--	U
75-15-0	Carbon disulfide	ND	0.405	--	ND	1.26	--	U
76-13-1	Freon-113	ND	0.405	--	ND	3.10	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-34-3	1,1-Dichloroethane	ND	0.405	--	ND	1.64	--	U
1634-04-4	Methyl tert butyl ether	ND	0.405	--	ND	1.46	--	U
78-93-3	2-Butanone	ND	1.01	--	ND	2.98	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
141-78-6	Ethyl Acetate	ND	1.01	--	ND	3.64	--	U
67-66-3	Chloroform	ND	0.405	--	ND	1.98	--	U
109-99-9	Tetrahydrofuran	ND	1.01	--	ND	2.98	--	U

3/6/2024

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-05D	Date Collected	: 02/20/24 13:53
Client ID	: NL-IV-DUP_20240220 NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:54
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222725	Instrument ID	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	1.64	--	U
110-54-3	n-Hexane	0.955	0.405	--	3.37	1.43	--	
71-55-6	1,1,1-Trichloroethane	ND	0.405	--	ND	2.21	--	U
71-43-2	Benzene	2.02	0.405	--	6.45	1.29	--	
56-23-5	Carbon tetrachloride	ND	0.405	--	ND	2.55	--	U
110-82-7	Cyclohexane	ND	0.405	--	ND	1.39	--	U
78-87-5	1,2-Dichloropropane	ND	0.405	--	ND	1.87	--	U
75-27-4	Bromodichloromethane	ND	0.405	--	ND	2.71	--	U
123-91-1	1,4-Dioxane	ND	0.405	--	ND	1.46	--	U
79-01-6	Trichloroethene	ND	0.405	--	ND	2.18	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.405	--	ND	1.89	--	U
142-82-5	Heptane	0.582	0.405	--	2.39	1.66	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.01	--	ND	4.14	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.405	--	ND	2.21	--	U
108-88-3	Toluene	1.49	0.405	--	5.62	1.53	--	
591-78-6	2-Hexanone	ND	0.405	--	ND	1.66	--	U
124-48-1	Dibromochloromethane	ND	0.405	--	ND	3.45	--	U
106-93-4	1,2-Dibromoethane	ND	0.405	--	ND	3.11	--	U
127-18-4	Tetrachloroethene	ND	0.405	--	ND	2.75	--	U
108-90-7	Chlorobenzene	ND	0.405	--	ND	1.87	--	U
100-41-4	Ethylbenzene	ND	0.405	--	ND	1.76	--	U
179601-23-1	p/m-Xylene	0.947	0.811	--	4.11	3.52	--	
75-25-2	Bromoform	ND	0.405	--	ND	4.19	--	U
100-42-5	Styrene	ND	0.405	--	ND	1.72	--	U

for 3/6/2024

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Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-05D	Date Collected	: 02/20/24 13:53
Client ID	: NL-IV-DUP_20240220 NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:54
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222725	Instrument ID	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	2.78	--	U
95-47-6	o-Xylene	ND	0.405	--	ND	1.76	--	U
622-96-8	4-Ethyltoluene	ND	0.405	--	ND	1.99	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
100-44-7	Benzyl chloride	ND	0.405	--	ND	2.10	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.405	--	ND	3.01	--	U
87-68-3	Hexachlorobutadiene	ND	0.405	--	ND	4.32	--	U

for 3/6/2024

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Laboratory Code: 11148

SDG Number: L2409115

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Project Name: 3200 JEROME
Project Number: 11455

Lab Number: L2409115
Report Date: 02/29/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2409115-01	NL-IV-TOTAL_20240220	SOIL_VAPOR	3200 JEROME AVE BRONX, NY	02/20/24 14:10	02/20/24
L2409115-02	NL-SVE-1_20240220	SOIL_VAPOR	3200 JEROME AVE BRONX, NY	02/20/24 14:00	02/20/24
L2409115-03	NL-IV-7_20240220	SOIL_VAPOR	3200 JEROME AVE BRONX, NY	02/20/24 13:43	02/20/24
L2409115-04	NL-EV-POST_20240220	SOIL_VAPOR	3200 JEROME AVE BRONX, NY	02/20/24 14:20	02/20/24
L2409115-05	NL-IV-DUP_20240220	SOIL_VAPOR	3200 JEROME AVE BRONX, NY	02/20/24 13:53	02/20/24

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 Alpha 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, Alpha'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 Alpha 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.

Case Narrative (continued)

Volatile Organics in Air

L2409115-01D through -05D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

L2409115-01D through -05D: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

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: 02/29/24

Title: Technical Director/Representative

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 - Not detected at the reporting limit (RL) for the sample.

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

Alpha Job Number : L2409115

Account Name : AKRF, Inc.
Project Number : 11455
Project Name : 3200 JEROME

Received : 20-FEB-2024
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Alpha 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**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Feb 29 2024, 12:26 pm

Login Number: L2409115
Account: AKRF-M-2 AKRF, Inc.Project: 11455
Received: 20FEB24 Due Date: 27FEB24

Sample #	Client ID	Mat	PR	Collected
L2409115-01	NL-IV-TOTAL_20240220	11	S0	20FEB24 14:10
| ASP-B Package Due Date: 02/27/24				
ASP-B,TEDLAR-POLY1,TO15-LL				
L2409115-02	NL-SVE-1_20240220	11	S0	20FEB24 14:00
| Package Due Date: 02/27/24				
TEDLAR-POLY1,TO15-LL				
L2409115-03	NL-IV-7_20240220	11	S0	20FEB24 13:43
| Package Due Date: 02/27/24				
TEDLAR-POLY1,TO15-LL				
L2409115-04	NL-EV-POST_20240220	11	S0	20FEB24 14:20
| Package Due Date: 02/27/24				
TEDLAR-POLY1,TO15-LL				
L2409115-05	NL-IV-DUP_20240220	11	S0	20FEB24 13:53
| Package Due Date: 02/27/24				
TEDLAR-POLY1,TO15-LL				

Logged By: Christopher J Anderson

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: 2/21/24

ALPHA Job #: L2409115

Client Information

Client: AKRF, Inc.
Address: 440 Park Ave S
Floor 7 NY, NY 10016
Phone: 614-560-5425
Fax:
Email: mjepsen@akrf.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3200 Jerome
Project Location: 3200 Jerome Ave Bronx, NY
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: Use 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 (MJ)	Final Vacuum (MS)	Sample Matrix*	Sampler's Initials	Tedlar Size	LD Gen	LD Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Nonpetroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
09115.01	NL-IV-Total_20240220	2/20/24	1400	1410			SV	CB MS	1L			X					
.02	NL-SVE-1_20240220	2/20/24	1350	1400								X					
.03	NL-IV-7_20240220	2/20/24	1333	1343								X					
.04	NL-EV-Post_20240220	2/20/24	1410	1420								X					
.05	NL-IV-Dup_20240220	↓	1343	1353								X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 1L Tedlar

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:
M. Sanchez	2/20/24	Tyler McGowan	2/20/24 1457
Tyler McGowan	2/20/24 1815	Anthony Green	FEB 20 2024 2019
Anthony Green	2/20/24 2345		2/20/24 2345
	2/21/24 0400		2/21/24 0400

Form No: 101-02 Rev: (25-Sep-15)

Supporting Documentation

Project Name: 3200 JEROME

Project Number: 11455

Lab Number: L2409115

Report Date: 02/29/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD

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**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG1890350-3	**Analysis Date** : 02/28/24 12:10	**File ID** : r222701
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	10.0	100				-	70-130	-
Chloromethane	10	9.54	95				-	70-130	-
Freon-114	10	10.9	109				-	70-130	-
Vinyl chloride	10	10.1	101				-	70-130	-
1,3-Butadiene	10	11.3	113				-	70-130	-
Bromomethane	10	10.2	102				-	70-130	-
Chloroethane	10	12.5	125				-	70-130	-
Ethanol	50	38.7	77				-	40-160	-
Vinyl bromide	10	10.3	103				-	70-130	-
Acetone	50	57.1	114				-	40-160	-
Trichlorofluoromethane	10	9.88	99				-	70-130	-
Isopropanol	25	25.3	101				-	40-160	-
1,1-Dichloroethene	10	11.4	114				-	70-130	-
Tertiary butyl Alcohol	10	9.84	98				-	70-130	-
Methylene chloride	10	9.21	92				-	70-130	-
3-Chloropropene	10	10.9	109				-	70-130	-
Carbon disulfide	10	9.22	92				-	70-130	-
Freon-113	10	9.44	94				-	70-130	-
trans-1,2-Dichloroethene	10	9.90	99				-	70-130	-
1,1-Dichloroethane	10	9.42	94				-	70-130	-
Methyl tert butyl ether	10	10.0	100				-	70-130	-
2-Butanone	10	9.70	97				-	70-130	-
cis-1,2-Dichloroethene	10	9.65	96				-	70-130	-
Ethyl Acetate	10	10.7	107				-	70-130	-
Chloroform	10	9.62	96				-	70-130	-
Tetrahydrofuran	10	10.1	101				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG1890350-3	**Analysis Date** : 02/28/24 12:10	**File ID** : r222701
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	9.81	98				-	70-130	-
n-Hexane	10	11.8	118				-	70-130	-
1,1,1-Trichloroethane	10	10.7	107				-	70-130	-
Benzene	10	9.78	98				-	70-130	-
Carbon tetrachloride	10	10.6	106				-	70-130	-
Cyclohexane	10	11.3	113				-	70-130	-
1,2-Dichloropropane	10	10.6	106				-	70-130	-
Bromodichloromethane	10	12.1	121				-	70-130	-
1,4-Dioxane	10	11.1	111				-	70-130	-
Trichloroethene	10	9.86	99				-	70-130	-
2,2,4-Trimethylpentane	10	11.9	119				-	70-130	-
Heptane	10	12.0	120				-	70-130	-
cis-1,3-Dichloropropene	10	10.6	106				-	70-130	-
4-Methyl-2-pentanone	10	12.4	124				-	70-130	-
trans-1,3-Dichloropropene	10	10.2	102				-	70-130	-
1,1,2-Trichloroethane	10	10.0	100				-	70-130	-
Toluene	10	8.24	82				-	70-130	-
2-Hexanone	10	9.34	93				-	70-130	-
Dibromochloromethane	10	9.20	92				-	70-130	-
1,2-Dibromoethane	10	8.18	82				-	70-130	-
Tetrachloroethene	10	8.12	81				-	70-130	-
Chlorobenzene	10	8.22	82				-	70-130	-
Ethylbenzene	10	8.29	83				-	70-130	-
p/m-Xylene	20	17.3	86				-	70-130	-
Bromoform	10	9.06	91				-	70-130	-
Styrene	10	8.13	81				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: AKRF, Inc.			**Lab Number**	: L2409115
Project Name	: 3200 JEROME			**Project Number**	: 11455
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG1890350-3	**Analysis Date**	: 02/28/24 12:10	**File ID**	: r222701
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	8.95	90				-	70-130	-
o-Xylene	10	8.95	90				-	70-130	-
4-Ethyltoluene	10	9.07	91				-	70-130	-
1,3,5-Trimethylbenzene	10	8.75	88				-	70-130	-
1,2,4-Trimethylbenzene	10	9.05	90				-	70-130	-
Benzyl chloride	10	9.12	91				-	70-130	-
1,3-Dichlorobenzene	10	8.05	80				-	70-130	-
1,4-Dichlorobenzene	10	8.12	81				-	70-130	-
1,2-Dichlorobenzene	10	7.88	79				-	70-130	-
1,2,4-Trichlorobenzene	10	7.44	74				-	70-130	-
Hexachlorobutadiene	10	7.76	78				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Lab Sample ID	: WG1890350-4	**Lab File ID**	: r222703
Instrument ID	: AIRLAB22		
Matrix	: AIR	**Analysis Date**	: 02/28/24 13:55

Client Sample No.	Lab Sample ID	Analysis Date
WG1890350-3LCS	WG1890350-3	02/28/24 12:10
VI-IA-2-CURIADUP	WG1890350-5	02/28/24 21:31
NL-IV-TOTAL_20240220	L2409115-01D	02/29/24 01:50
NL-SVE-1_20240220	L2409115-02D	02/29/24 02:21
NL-IV-7_20240220	L2409115-03D	02/29/24 02:52
NL-EV-POST_20240220	L2409115-04D	02/29/24 03:23
NL-IV-DUP_20240220	L2409115-05D	02/29/24 03:54

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Instrument ID	: AIRLAB22	**Analysis Date**	: 11/29/23 20:41
Tune Standard	: WG1858542-1	**Tune File ID**	: r221886_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	9.9
75	30.0 - 66.0% of mass 95	31.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.3 (.4)1
174	50.0 - 120.0% of mass 95	65.7
175	4.0 - 9.0% of mass 174	4.5 (6.9)1
176	93.0 - 101% of mass 174	63.5 (96.6)1
177	5.0 - 9.0% of mass 176	4.1 (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	R1769916-1	R221890	11/29/23 22:39
STD0.5	R1769916-2	R221891	11/29/23 23:11
STD1.0	R1769916-3	R221892	11/29/23 23:44
STD5.0	R1769916-4	R221893	11/30/23 00:16
STD010	R1769916-5	R221894	11/30/23 00:49
STD020	R1769916-6	R221895	11/30/23 01:19
STD050	R1769916-7	R221896	11/30/23 01:51
STD100	R1769916-8	R221897	11/30/23 02:24
ICV QUANT	R1769916-9	R221900	11/30/23 16:23

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Instrument ID	: AIRLAB22	**Analysis Date**	: 02/28/24 11:04
Tune Standard	: WG1890350-1	**Tune File ID**	: r222699_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	11.7
75	30.0 - 66.0% of mass 95	34.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.3 (.4)1
174	50.0 - 120.0% of mass 95	63.1
175	4.0 - 9.0% of mass 174	4.2 (6.6)1
176	93.0 - 101% of mass 174	61.1 (96.9)1
177	5.0 - 9.0% of mass 176	4 (6.6)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
WG1890350-2CCAL	WG1890350-2	R222701	02/28/24 12:10
WG1890350-3LCS	WG1890350-3	R222701	02/28/24 12:10
WG1890350-4BLANK	WG1890350-4	R222703	02/28/24 13:55
WG1890350-5DUP	WG1890350-5	R222713	02/28/24 21:31
NL-IV-TOTAL_20240220	L2409115-01D	R222721	02/29/24 01:50
NL-SVE-1_20240220	L2409115-02D	R222722	02/29/24 02:21
NL-IV-7_20240220	L2409115-03D	R222723	02/29/24 02:52
NL-EV-POST_20240220	L2409115-04D	R222724	02/29/24 03:23
NL-IV-DUP_20240220	L2409115-05D	R222725	02/29/24 03:54

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Instrument ID	: AIRLAB22	**Analysis Date**	: 02/28/24 12:10:00
Sample No	: WG1890350-2	**Lab File ID**	: R222701

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG1890350-2	218491	4.46	693129	5.39	86392	7.35
Upper Limit	305887	4.79	970381	5.72	120949	7.68
Lower Limit	131095	4.13	415877	5.06	51835	7.02
Sample ID						
WG1890350-3 LCS	218491	4.46	693129	5.39	86392	7.35
WG1890350-4 BLANK	224744	4.47	713165	5.39	85523	7.36
VI-IA-2-CURIA DUP	200867	4.47	632170	5.40	83004	7.36
NL-IV-TOTAL_20240220	218321	4.46	688337	5.39	90303	7.35
NL-SVE-1_20240220	217198	4.46	689183	5.39	93755	7.35
NL-IV-7_20240220	217576	4.46	691536	5.39	88340	7.35
NL-EV-POST_20240220	216686	4.46	686021	5.39	88671	7.35
NL-IV-DUP_20240220	213513	4.46	677754	5.38	87628	7.35

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
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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		
1,1,1-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 Alpha Analytical, Inc.

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)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

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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 Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-01D	Date Collected	: 02/20/24 14:10
Client ID	: NL-IV-TOTAL_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 01:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.041
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222721	Instrument ID	: AIRLAB22
Sample Amount	: 122 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.778	0.408	--	3.85	2.02	--	
74-87-3	Chloromethane	ND	0.408	--	ND	0.843	--	U
76-14-2	Freon-114	0.537	0.408	--	3.75	2.85	--	
75-01-4	Vinyl chloride	ND	0.408	--	ND	1.04	--	U
106-99-0	1,3-Butadiene	ND	0.408	--	ND	0.903	--	U
74-83-9	Bromomethane	ND	0.408	--	ND	1.58	--	U
75-00-3	Chloroethane	ND	0.408	--	ND	1.08	--	U
64-17-5	Ethanol	107	10.2	--	202	19.2	--	
593-60-2	Vinyl bromide	ND	0.408	--	ND	1.78	--	U
67-64-1	Acetone	8.75	2.04	--	20.8	4.85	--	
75-69-4	Trichlorofluoromethane	ND	0.408	--	ND	2.29	--	U
67-63-0	Isopropanol	57.4	1.02	--	141	2.51	--	
75-35-4	1,1-Dichloroethene	ND	0.408	--	ND	1.62	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.02	--	ND	3.09	--	U
75-09-2	Methylene chloride	ND	1.02	--	ND	3.54	--	U
107-05-1	3-Chloropropene	ND	0.408	--	ND	1.28	--	U
75-15-0	Carbon disulfide	ND	0.408	--	ND	1.27	--	U
76-13-1	Freon-113	ND	0.408	--	ND	3.13	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--	U
75-34-3	1,1-Dichloroethane	ND	0.408	--	ND	1.65	--	U
1634-04-4	Methyl tert butyl ether	ND	0.408	--	ND	1.47	--	U
78-93-3	2-Butanone	ND	1.02	--	ND	3.01	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--	U
141-78-6	Ethyl Acetate	ND	1.02	--	ND	3.68	--	U
67-66-3	Chloroform	1.01	0.408	--	4.93	1.99	--	
109-99-9	Tetrahydrofuran	ND	1.02	--	ND	3.01	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-01D	Date Collected	: 02/20/24 14:10
Client ID	: NL-IV-TOTAL_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 01:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.041
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222721	Instrument ID	: AIRLAB22
Sample Amount	: 122 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	0.408	--	ND	1.65	--	U
110-54-3	n-Hexane	1.05	0.408	--	3.70	1.44	--	
71-55-6	1,1,1-Trichloroethane	ND	0.408	--	ND	2.23	--	U
71-43-2	Benzene	1.55	0.408	--	4.95	1.30	--	
56-23-5	Carbon tetrachloride	ND	0.408	--	ND	2.57	--	U
110-82-7	Cyclohexane	ND	0.408	--	ND	1.40	--	U
78-87-5	1,2-Dichloropropane	ND	0.408	--	ND	1.89	--	U
75-27-4	Bromodichloromethane	ND	0.408	--	ND	2.73	--	U
123-91-1	1,4-Dioxane	ND	0.408	--	ND	1.47	--	U
79-01-6	Trichloroethene	34.0	0.408	--	183	2.19	--	
540-84-1	2,2,4-Trimethylpentane	0.420	0.408	--	1.96	1.91	--	
142-82-5	Heptane	0.504	0.408	--	2.07	1.67	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.02	--	ND	4.18	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.408	--	ND	2.23	--	U
108-88-3	Toluene	1.31	0.408	--	4.94	1.54	--	
591-78-6	2-Hexanone	ND	0.408	--	ND	1.67	--	U
124-48-1	Dibromochloromethane	ND	0.408	--	ND	3.48	--	U
106-93-4	1,2-Dibromoethane	ND	0.408	--	ND	3.14	--	U
127-18-4	Tetrachloroethene	ND	0.408	--	ND	2.77	--	U
108-90-7	Chlorobenzene	ND	0.408	--	ND	1.88	--	U
100-41-4	Ethylbenzene	ND	0.408	--	ND	1.77	--	U
179601-23-1	p/m-Xylene	0.959	0.816	--	4.17	3.54	--	
75-25-2	Bromoform	ND	0.408	--	ND	4.22	--	U
100-42-5	Styrene	ND	0.408	--	ND	1.74	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Lab ID	: L2409115-01D	**Date Collected**	: 02/20/24 14:10
Client ID	: NL-IV-TOTAL_20240220	**Date Received**	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	**Date Analyzed**	: 02/29/24 01:50
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 2.041
Analytical Method	: 48,TO-15	**Analyst**	: JMB
Lab File ID	: R222721	**Instrument ID**	: AIRLAB22
Sample Amount	: 122 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	0.408	--	ND	2.80	--	U
95-47-6	o-Xylene	ND	0.408	--	ND	1.77	--	U
622-96-8	4-Ethyltoluene	ND	0.408	--	ND	2.01	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.408	--	ND	2.01	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.408	--	ND	2.01	--	U
100-44-7	Benzyl chloride	ND	0.408	--	ND	2.11	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.408	--	ND	2.45	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.408	--	ND	2.45	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.408	--	ND	2.45	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.408	--	ND	3.03	--	U
87-68-3	Hexachlorobutadiene	ND	0.408	--	ND	4.35	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-02D	Date Collected	: 02/20/24 14:00
Client ID	: NL-SVE-1_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.973
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222722	Instrument ID	: AIRLAB22
Sample Amount	: 127 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.521	0.395	--	2.58	1.95	--	
74-87-3	Chloromethane	ND	0.395	--	ND	0.816	--	U
76-14-2	Freon-114	ND	0.395	--	ND	2.76	--	U
75-01-4	Vinyl chloride	ND	0.395	--	ND	1.01	--	U
106-99-0	1,3-Butadiene	ND	0.395	--	ND	0.874	--	U
74-83-9	Bromomethane	ND	0.395	--	ND	1.53	--	U
75-00-3	Chloroethane	ND	0.395	--	ND	1.04	--	U
64-17-5	Ethanol	117	9.86	--	220	18.6	--	
593-60-2	Vinyl bromide	ND	0.395	--	ND	1.73	--	U
67-64-1	Acetone	6.62	1.97	--	15.7	4.68	--	
75-69-4	Trichlorofluoromethane	ND	0.395	--	ND	2.22	--	U
67-63-0	Isopropanol	24.6	0.986	--	60.5	2.42	--	
75-35-4	1,1-Dichloroethene	ND	0.395	--	ND	1.57	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.986	--	ND	2.99	--	U
75-09-2	Methylene chloride	1.09	0.986	--	3.79	3.43	--	
107-05-1	3-Chloropropene	ND	0.395	--	ND	1.24	--	U
75-15-0	Carbon disulfide	0.509	0.395	--	1.59	1.23	--	
76-13-1	Freon-113	ND	0.395	--	ND	3.03	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.395	--	ND	1.57	--	U
75-34-3	1,1-Dichloroethane	ND	0.395	--	ND	1.60	--	U
1634-04-4	Methyl tert butyl ether	ND	0.395	--	ND	1.42	--	U
78-93-3	2-Butanone	ND	0.986	--	ND	2.91	--	U
156-59-2	cis-1,2-Dichloroethene	4.10	0.395	--	16.3	1.57	--	
141-78-6	Ethyl Acetate	ND	0.986	--	ND	3.55	--	U
67-66-3	Chloroform	5.83	0.395	--	28.5	1.93	--	
109-99-9	Tetrahydrofuran	ND	0.986	--	ND	2.91	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-02D	Date Collected	: 02/20/24 14:00
Client ID	: NL-SVE-1_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:21
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.973
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222722	Instrument ID	: AIRLAB22
Sample Amount	: 127 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	0.395	--	ND	1.60	--	U
110-54-3	n-Hexane	ND	0.395	--	ND	1.39	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.395	--	ND	2.16	--	U
71-43-2	Benzene	0.752	0.395	--	2.40	1.26	--	
56-23-5	Carbon tetrachloride	ND	0.395	--	ND	2.48	--	U
110-82-7	Cyclohexane	0.604	0.395	--	2.08	1.36	--	
78-87-5	1,2-Dichloropropane	ND	0.395	--	ND	1.83	--	U
75-27-4	Bromodichloromethane	ND	0.395	--	ND	2.65	--	U
123-91-1	1,4-Dioxane	ND	0.395	--	ND	1.42	--	U
79-01-6	Trichloroethene	138	0.395	--	742	2.12	--	
540-84-1	2,2,4-Trimethylpentane	0.422	0.395	--	1.97	1.84	--	
142-82-5	Heptane	ND	0.395	--	ND	1.62	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.395	--	ND	1.79	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.986	--	ND	4.04	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.395	--	ND	1.79	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.395	--	ND	2.16	--	U
108-88-3	Toluene	0.984	0.395	--	3.71	1.49	--	
591-78-6	2-Hexanone	ND	0.395	--	ND	1.62	--	U
124-48-1	Dibromochloromethane	ND	0.395	--	ND	3.37	--	U
106-93-4	1,2-Dibromoethane	ND	0.395	--	ND	3.04	--	U
127-18-4	Tetrachloroethene	0.475	0.395	--	3.22	2.68	--	
108-90-7	Chlorobenzene	ND	0.395	--	ND	1.82	--	U
100-41-4	Ethylbenzene	ND	0.395	--	ND	1.72	--	U
179601-23-1	p/m-Xylene	0.890	0.789	--	3.87	3.43	--	
75-25-2	Bromoform	ND	0.395	--	ND	4.08	--	U
100-42-5	Styrene	ND	0.395	--	ND	1.68	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Lab ID	: L2409115-02D	**Date Collected**	: 02/20/24 14:00
Client ID	: NL-SVE-1_20240220	**Date Received**	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	**Date Analyzed**	: 02/29/24 02:21
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1.973
Analytical Method	: 48,TO-15	**Analyst**	: JMB
Lab File ID	: R222722	**Instrument ID**	: AIRLAB22
Sample Amount	: 127 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	0.395	--	ND	2.71	--	U
95-47-6	o-Xylene	0.395	0.395	--	1.72	1.72	--	
622-96-8	4-Ethyltoluene	ND	0.395	--	ND	1.94	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.395	--	ND	1.94	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.395	--	ND	1.94	--	U
100-44-7	Benzyl chloride	ND	0.395	--	ND	2.05	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.395	--	ND	2.37	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.395	--	ND	2.37	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.395	--	ND	2.37	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.395	--	ND	2.93	--	U
87-68-3	Hexachlorobutadiene	ND	0.395	--	ND	4.21	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-03D	Date Collected	: 02/20/24 13:43
Client ID	: NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222723	Instrument ID	: AIRLAB22
Sample Amount	: 123 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.486	0.405	--	2.40	2.00	--	
74-87-3	Chloromethane	ND	0.405	--	ND	0.836	--	U
76-14-2	Freon-114	ND	0.405	--	ND	2.83	--	U
75-01-4	Vinyl chloride	ND	0.405	--	ND	1.04	--	U
106-99-0	1,3-Butadiene	ND	0.405	--	ND	0.896	--	U
74-83-9	Bromomethane	ND	0.405	--	ND	1.57	--	U
75-00-3	Chloroethane	ND	0.405	--	ND	1.07	--	U
64-17-5	Ethanol	238	10.1	--	448	19.0	--	
593-60-2	Vinyl bromide	ND	0.405	--	ND	1.77	--	U
67-64-1	Acetone	17.4	2.03	--	41.3	4.82	--	
75-69-4	Trichlorofluoromethane	ND	0.405	--	ND	2.28	--	U
67-63-0	Isopropanol	96.2	1.01	--	236	2.48	--	
75-35-4	1,1-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.01	--	ND	3.06	--	U
75-09-2	Methylene chloride	ND	1.01	--	ND	3.51	--	U
107-05-1	3-Chloropropene	ND	0.405	--	ND	1.27	--	U
75-15-0	Carbon disulfide	ND	0.405	--	ND	1.26	--	U
76-13-1	Freon-113	ND	0.405	--	ND	3.10	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-34-3	1,1-Dichloroethane	ND	0.405	--	ND	1.64	--	U
1634-04-4	Methyl tert butyl ether	ND	0.405	--	ND	1.46	--	U
78-93-3	2-Butanone	ND	1.01	--	ND	2.98	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
141-78-6	Ethyl Acetate	ND	1.01	--	ND	3.64	--	U
67-66-3	Chloroform	ND	0.405	--	ND	1.98	--	U
109-99-9	Tetrahydrofuran	ND	1.01	--	ND	2.98	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-03D	Date Collected	: 02/20/24 13:43
Client ID	: NL-IV-7_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 02:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222723	Instrument ID	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	1.64	--	U
110-54-3	n-Hexane	1.28	0.405	--	4.51	1.43	--	
71-55-6	1,1,1-Trichloroethane	ND	0.405	--	ND	2.21	--	U
71-43-2	Benzene	2.25	0.405	--	7.19	1.29	--	
56-23-5	Carbon tetrachloride	ND	0.405	--	ND	2.55	--	U
110-82-7	Cyclohexane	0.409	0.405	--	1.41	1.39	--	
78-87-5	1,2-Dichloropropane	ND	0.405	--	ND	1.87	--	U
75-27-4	Bromodichloromethane	ND	0.405	--	ND	2.71	--	U
123-91-1	1,4-Dioxane	ND	0.405	--	ND	1.46	--	U
79-01-6	Trichloroethene	0.644	0.405	--	3.46	2.18	--	
540-84-1	2,2,4-Trimethylpentane	0.507	0.405	--	2.37	1.89	--	
142-82-5	Heptane	0.649	0.405	--	2.66	1.66	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.01	--	ND	4.14	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.405	--	ND	2.21	--	U
108-88-3	Toluene	1.62	0.405	--	6.10	1.53	--	
591-78-6	2-Hexanone	ND	0.405	--	ND	1.66	--	U
124-48-1	Dibromochloromethane	ND	0.405	--	ND	3.45	--	U
106-93-4	1,2-Dibromoethane	ND	0.405	--	ND	3.11	--	U
127-18-4	Tetrachloroethene	ND	0.405	--	ND	2.75	--	U
108-90-7	Chlorobenzene	ND	0.405	--	ND	1.87	--	U
100-41-4	Ethylbenzene	ND	0.405	--	ND	1.76	--	U
179601-23-1	p/m-Xylene	1.00	0.811	--	4.34	3.52	--	
75-25-2	Bromoform	ND	0.405	--	ND	4.19	--	U
100-42-5	Styrene	ND	0.405	--	ND	1.72	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Lab ID	: L2409115-03D	**Date Collected**	: 02/20/24 13:43
Client ID	: NL-IV-7_20240220	**Date Received**	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	**Date Analyzed**	: 02/29/24 02:52
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 2.027
Analytical Method	: 48,TO-15	**Analyst**	: JMB
Lab File ID	: R222723	**Instrument ID**	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	2.78	--	U
95-47-6	o-Xylene	ND	0.405	--	ND	1.76	--	U
622-96-8	4-Ethyltoluene	ND	0.405	--	ND	1.99	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
100-44-7	Benzyl chloride	ND	0.405	--	ND	2.10	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.405	--	ND	3.01	--	U
87-68-3	Hexachlorobutadiene	ND	0.405	--	ND	4.32	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-04D	Date Collected	: 02/20/24 14:20
Client ID	: NL-EV-POST_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.967
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222724	Instrument ID	: AIRLAB22
Sample Amount	: 127 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.724	0.393	--	3.58	1.94	--	
74-87-3	Chloromethane	0.411	0.393	--	0.849	0.812	--	
76-14-2	Freon-114	ND	0.393	--	ND	2.75	--	U
75-01-4	Vinyl chloride	ND	0.393	--	ND	1.00	--	U
106-99-0	1,3-Butadiene	ND	0.393	--	ND	0.869	--	U
74-83-9	Bromomethane	ND	0.393	--	ND	1.53	--	U
75-00-3	Chloroethane	ND	0.393	--	ND	1.04	--	U
64-17-5	Ethanol	86.7	9.84	--	163	18.5	--	
593-60-2	Vinyl bromide	ND	0.393	--	ND	1.72	--	U
67-64-1	Acetone	12.4	1.97	--	29.5	4.68	--	
75-69-4	Trichlorofluoromethane	ND	0.393	--	ND	2.21	--	U
67-63-0	Isopropanol	49.0	0.984	--	120	2.42	--	
75-35-4	1,1-Dichloroethene	ND	0.393	--	ND	1.56	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.984	--	ND	2.98	--	U
75-09-2	Methylene chloride	ND	0.984	--	ND	3.42	--	U
107-05-1	3-Chloropropene	ND	0.393	--	ND	1.23	--	U
75-15-0	Carbon disulfide	ND	0.393	--	ND	1.22	--	U
76-13-1	Freon-113	ND	0.393	--	ND	3.01	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.393	--	ND	1.56	--	U
75-34-3	1,1-Dichloroethane	ND	0.393	--	ND	1.59	--	U
1634-04-4	Methyl tert butyl ether	ND	0.393	--	ND	1.42	--	U
78-93-3	2-Butanone	ND	0.984	--	ND	2.90	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.393	--	ND	1.56	--	U
141-78-6	Ethyl Acetate	ND	0.984	--	ND	3.55	--	U
67-66-3	Chloroform	ND	0.393	--	ND	1.92	--	U
109-99-9	Tetrahydrofuran	ND	0.984	--	ND	2.90	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-04D	Date Collected	: 02/20/24 14:20
Client ID	: NL-EV-POST_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.967
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222724	Instrument ID	: AIRLAB22
Sample Amount	: 127 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	0.393	--	ND	1.59	--	U
110-54-3	n-Hexane	1.13	0.393	--	3.98	1.39	--	
71-55-6	1,1,1-Trichloroethane	ND	0.393	--	ND	2.14	--	U
71-43-2	Benzene	1.36	0.393	--	4.34	1.26	--	
56-23-5	Carbon tetrachloride	ND	0.393	--	ND	2.47	--	U
110-82-7	Cyclohexane	ND	0.393	--	ND	1.35	--	U
78-87-5	1,2-Dichloropropane	ND	0.393	--	ND	1.82	--	U
75-27-4	Bromodichloromethane	ND	0.393	--	ND	2.63	--	U
123-91-1	1,4-Dioxane	ND	0.393	--	ND	1.42	--	U
79-01-6	Trichloroethene	12.2	0.393	--	65.6	2.11	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.393	--	ND	1.84	--	U
142-82-5	Heptane	0.441	0.393	--	1.81	1.61	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.393	--	ND	1.78	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.984	--	ND	4.03	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.393	--	ND	1.78	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.393	--	ND	2.14	--	U
108-88-3	Toluene	1.10	0.393	--	4.15	1.48	--	
591-78-6	2-Hexanone	ND	0.393	--	ND	1.61	--	U
124-48-1	Dibromochloromethane	ND	0.393	--	ND	3.35	--	U
106-93-4	1,2-Dibromoethane	ND	0.393	--	ND	3.02	--	U
127-18-4	Tetrachloroethene	ND	0.393	--	ND	2.67	--	U
108-90-7	Chlorobenzene	ND	0.393	--	ND	1.81	--	U
100-41-4	Ethylbenzene	ND	0.393	--	ND	1.71	--	U
179601-23-1	p/m-Xylene	0.795	0.787	--	3.45	3.42	--	
75-25-2	Bromoform	ND	0.393	--	ND	4.06	--	U
100-42-5	Styrene	ND	0.393	--	ND	1.67	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Lab ID	: L2409115-04D	**Date Collected**	: 02/20/24 14:20
Client ID	: NL-EV-POST_20240220	**Date Received**	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	**Date Analyzed**	: 02/29/24 03:23
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1.967
Analytical Method	: 48,TO-15	**Analyst**	: JMB
Lab File ID	: R222724	**Instrument ID**	: AIRLAB22
Sample Amount	: 127 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	0.393	--	ND	2.70	--	U
95-47-6	o-Xylene	ND	0.393	--	ND	1.71	--	U
622-96-8	4-Ethyltoluene	ND	0.393	--	ND	1.93	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.393	--	ND	1.93	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.393	--	ND	1.93	--	U
100-44-7	Benzyl chloride	ND	0.393	--	ND	2.03	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.393	--	ND	2.36	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.393	--	ND	2.36	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.393	--	ND	2.36	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.393	--	ND	2.92	--	U
87-68-3	Hexachlorobutadiene	ND	0.393	--	ND	4.19	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-05D	Date Collected	: 02/20/24 13:53
Client ID	: NL-IV-DUP_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:54
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222725	Instrument ID	: AIRLAB22
Sample Amount	: 123 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.551	0.405	--	2.72	2.00	--	
74-87-3	Chloromethane	ND	0.405	--	ND	0.836	--	U
76-14-2	Freon-114	ND	0.405	--	ND	2.83	--	U
75-01-4	Vinyl chloride	ND	0.405	--	ND	1.04	--	U
106-99-0	1,3-Butadiene	ND	0.405	--	ND	0.896	--	U
74-83-9	Bromomethane	ND	0.405	--	ND	1.57	--	U
75-00-3	Chloroethane	ND	0.405	--	ND	1.07	--	U
64-17-5	Ethanol	142	10.1	--	268	19.0	--	
593-60-2	Vinyl bromide	ND	0.405	--	ND	1.77	--	U
67-64-1	Acetone	10.9	2.03	--	25.9	4.82	--	
75-69-4	Trichlorofluoromethane	ND	0.405	--	ND	2.28	--	U
67-63-0	Isopropanol	92.3	1.01	--	227	2.48	--	
75-35-4	1,1-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-65-0	Tertiary butyl Alcohol	ND	1.01	--	ND	3.06	--	U
75-09-2	Methylene chloride	ND	1.01	--	ND	3.51	--	U
107-05-1	3-Chloropropene	ND	0.405	--	ND	1.27	--	U
75-15-0	Carbon disulfide	ND	0.405	--	ND	1.26	--	U
76-13-1	Freon-113	ND	0.405	--	ND	3.10	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
75-34-3	1,1-Dichloroethane	ND	0.405	--	ND	1.64	--	U
1634-04-4	Methyl tert butyl ether	ND	0.405	--	ND	1.46	--	U
78-93-3	2-Butanone	ND	1.01	--	ND	2.98	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.405	--	ND	1.61	--	U
141-78-6	Ethyl Acetate	ND	1.01	--	ND	3.64	--	U
67-66-3	Chloroform	ND	0.405	--	ND	1.98	--	U
109-99-9	Tetrahydrofuran	ND	1.01	--	ND	2.98	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: L2409115-05D	Date Collected	: 02/20/24 13:53
Client ID	: NL-IV-DUP_20240220	Date Received	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	Date Analyzed	: 02/29/24 03:54
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.027
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222725	Instrument ID	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	1.64	--	U
110-54-3	n-Hexane	0.955	0.405	--	3.37	1.43	--	
71-55-6	1,1,1-Trichloroethane	ND	0.405	--	ND	2.21	--	U
71-43-2	Benzene	2.02	0.405	--	6.45	1.29	--	
56-23-5	Carbon tetrachloride	ND	0.405	--	ND	2.55	--	U
110-82-7	Cyclohexane	ND	0.405	--	ND	1.39	--	U
78-87-5	1,2-Dichloropropane	ND	0.405	--	ND	1.87	--	U
75-27-4	Bromodichloromethane	ND	0.405	--	ND	2.71	--	U
123-91-1	1,4-Dioxane	ND	0.405	--	ND	1.46	--	U
79-01-6	Trichloroethene	ND	0.405	--	ND	2.18	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.405	--	ND	1.89	--	U
142-82-5	Heptane	0.582	0.405	--	2.39	1.66	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.01	--	ND	4.14	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.405	--	ND	1.84	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.405	--	ND	2.21	--	U
108-88-3	Toluene	1.49	0.405	--	5.62	1.53	--	
591-78-6	2-Hexanone	ND	0.405	--	ND	1.66	--	U
124-48-1	Dibromochloromethane	ND	0.405	--	ND	3.45	--	U
106-93-4	1,2-Dibromoethane	ND	0.405	--	ND	3.11	--	U
127-18-4	Tetrachloroethene	ND	0.405	--	ND	2.75	--	U
108-90-7	Chlorobenzene	ND	0.405	--	ND	1.87	--	U
100-41-4	Ethylbenzene	ND	0.405	--	ND	1.76	--	U
179601-23-1	p/m-Xylene	0.947	0.811	--	4.11	3.52	--	
75-25-2	Bromoform	ND	0.405	--	ND	4.19	--	U
100-42-5	Styrene	ND	0.405	--	ND	1.72	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	**Lab Number**	: L2409115
Project Name	: 3200 JEROME	**Project Number**	: 11455
Lab ID	: L2409115-05D	**Date Collected**	: 02/20/24 13:53
Client ID	: NL-IV-DUP_20240220	**Date Received**	: 02/20/24
Sample Location	: 3200 JEROME AVE BRONX, NY	**Date Analyzed**	: 02/29/24 03:54
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 2.027
Analytical Method	: 48,TO-15	**Analyst**	: JMB
Lab File ID	: R222725	**Instrument ID**	: AIRLAB22
Sample Amount	: 123 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	0.405	--	ND	2.78	--	U
95-47-6	o-Xylene	ND	0.405	--	ND	1.76	--	U
622-96-8	4-Ethyltoluene	ND	0.405	--	ND	1.99	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.405	--	ND	1.99	--	U
100-44-7	Benzyl chloride	ND	0.405	--	ND	2.10	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.405	--	ND	2.43	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.405	--	ND	3.01	--	U
87-68-3	Hexachlorobutadiene	ND	0.405	--	ND	4.32	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: AKRF, Inc.	Lab Number	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: WG1890350-4	Date Collected	: NA
Client ID	: WG1890350-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/28/24 13:55
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222703	Instrument ID	: AIRLAB22
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	0.500	--	ND	1.23	--	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	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: WG1890350-4	Date Collected	: NA
Client ID	: WG1890350-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/28/24 13:55
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222703	Instrument ID	: AIRLAB22
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	: L2409115
Project Name	: 3200 JEROME	Project Number	: 11455
Lab ID	: WG1890350-4	Date Collected	: NA
Client ID	: WG1890350-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 02/28/24 13:55
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R222703	Instrument ID	: AIRLAB22
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 : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222721.D
Acq On : 29 Feb 2024 1:50 AM
Operator : AIRLAB22:JMB
Sample : L2409115-01D,3,122.48,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:17 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.463	49	218321	10.000	ppbV	0.01
Standard Area = 218491			Recovery = 99.92%			
43) 1,4-difluorobenzene	5.390	114	688337	10.000	ppbV	0.01
Standard Area = 693129			Recovery = 99.31%			
67) chlorobenzene-D5	7.353	54	90303	10.000	ppbV	# 0.00
Standard Area = 86392			Recovery = 104.53%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.215	85	6700	0.381	ppbV	98
6) chloromethane	2.325	50	1290	0.135	ppbV	95
7) Freon-114	2.215	85	6700	0.263	ppbV #	39
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	2.520		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.770	31	183488	52.326	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.998	43	30110M6	4.287	ppbV	
21) trichlorofluoromethane	3.076	101	954	0.102	ppbV	92
22) isopropyl alcohol	3.100	45	327248	28.101	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	3.395	59	4179	0.159	ppbV #	53
28) methylene chloride	3.430	49	3014	0.174	ppbV	99
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	3.575	76	6016	0.125	ppbV #	69
31) Freon 113	3.560		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.		
36) 2-butanone	4.170	43	6544	0.185	ppbV	97
37) cis-1,2-dichloroethene	4.383	61	3957	0.195	ppbV	95
38) Ethyl Acetate	4.490	61	1251	0.227	ppbV	93
39) chloroform	4.530	83	12380	0.495	ppbV	98
40) Tetrahydrofuran	4.723	42	4307M6	0.191	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	4.490	57	12516	0.514	ppbV #	30

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222721.D
Acq On : 29 Feb 2024 1:50 AM
Operator : AIRLAB22:JMB
Sample : L2409115-01D,3,122.48,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:17 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	5.223	78	38936	0.758	ppbV	98
52) carbon tetrachloride	5.297		0	N.D.		
53) cyclohexane	5.357	56	5296	0.190	ppbV	89
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	5.663		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	5.723	130	338133	16.660	ppbV	97
60) 2,2,4-trimethylpentane	5.737	57	16016	0.206	ppbV #	51
62) heptane	5.857	43	7598	0.247	ppbV	96
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	6.380		0	N.D.		
68) toluene	6.560	91	48266	0.641	ppbV	99
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	7.067	166	2419	0.083	ppbV #	92
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	7.540	91	12032	0.132	ppbV	99
83) m+p-xylene	7.620	91	33368	0.470	ppbV	95
84) bromoform	0.000		0	N.D.		
85) styrene	7.793		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	7.840	91	13147	0.190	ppbV	96
96) 4-ethyl toluene	8.433		0	N.D.		
97) 1,3,5-trimethylbenzene	8.473	105	4636	0.055	ppbV #	90
99) 1,2,4-trimethylbenzene	8.683	105	13404	0.167	ppbV #	57
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	8.803		0	N.D.		
103) 1,4-dichlorobenzene	8.803		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

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222721.D
Acq On : 29 Feb 2024 1:50 AM
Operator : AIRLAB22:JMB
Sample : L2409115-01D,3,122.48,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:17 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

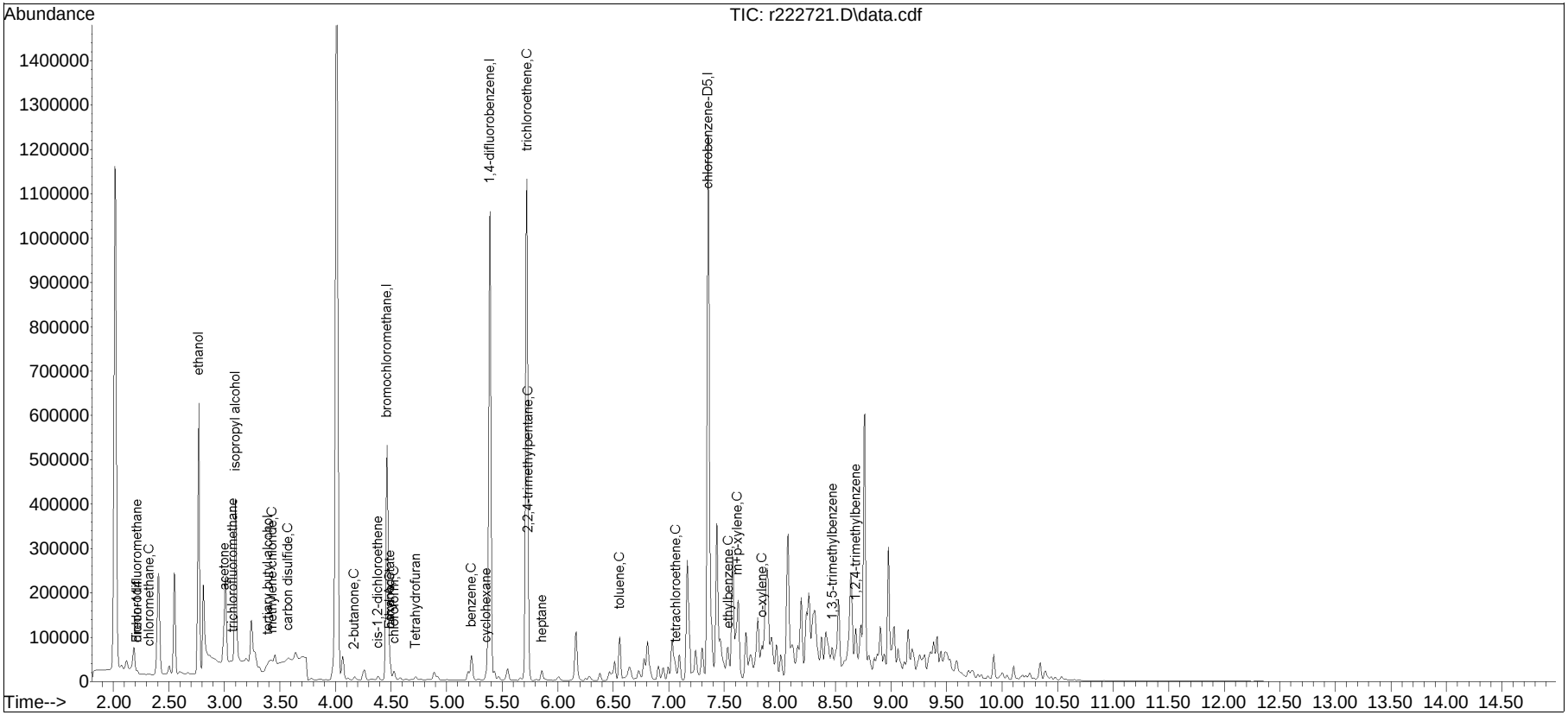
CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

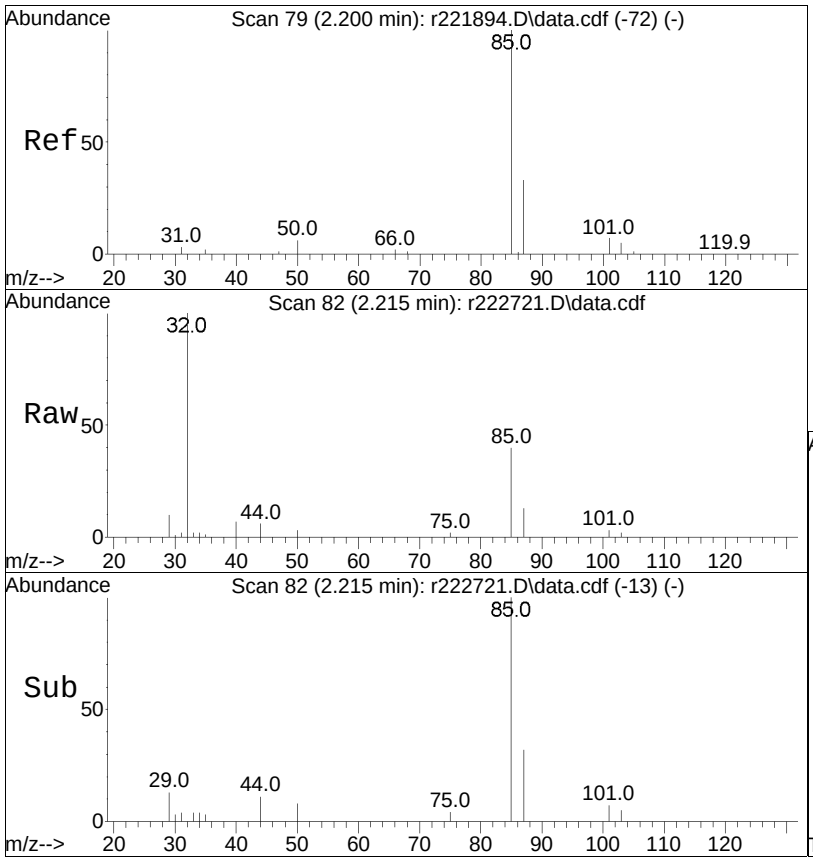
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airlab22\2024\02\0228T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222721.D
Acq On : 29 Feb 2024 1:50 AM
Operator : AIRLAB22:JMB
Sample : L2409115-01D,3,122.48,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:17 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

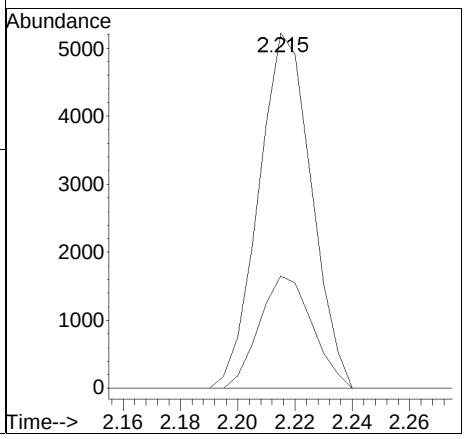


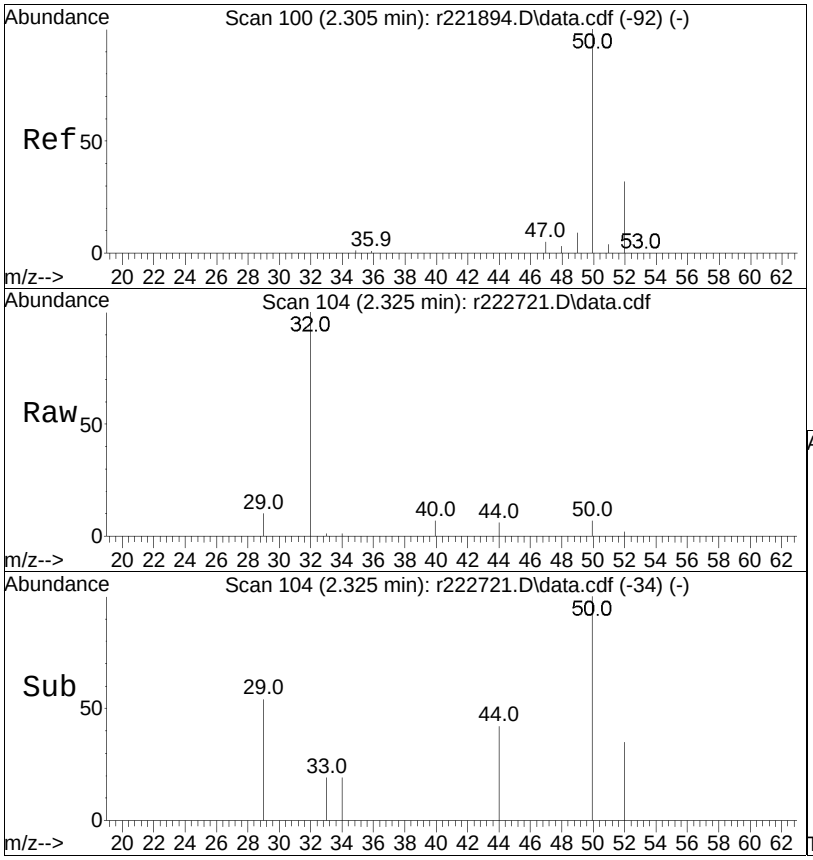


#5
dichlorodifluoromethane
Concen: 0.38 ppbV
RT: 2.215 min Scan# 82
Delta R.T. 0.015 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 85 Resp: 6700

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.3	39.5

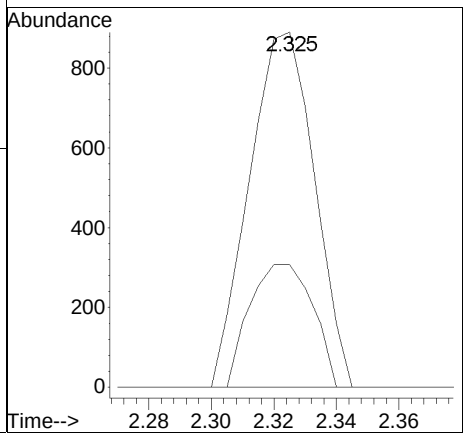


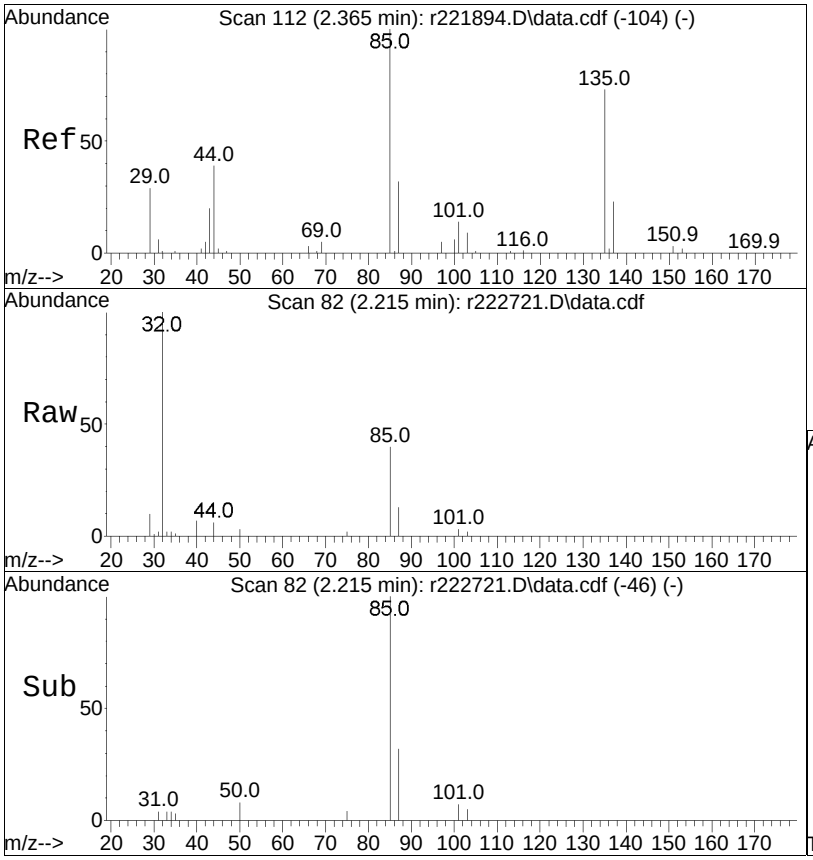


#6
chloromethane
Concen: 0.14 ppbV
RT: 2.325 min Scan# 104
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 50 Resp: 1290

Ion	Ratio	Lower	Upper
50	100		
52	34.6	25.5	38.3

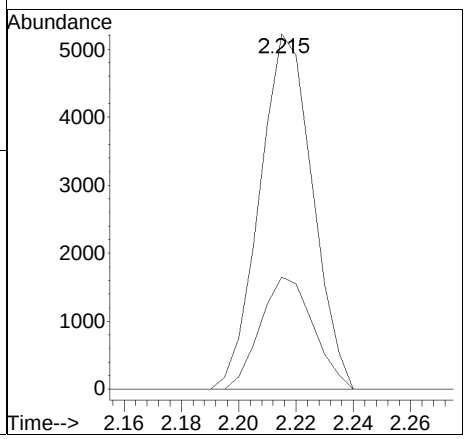


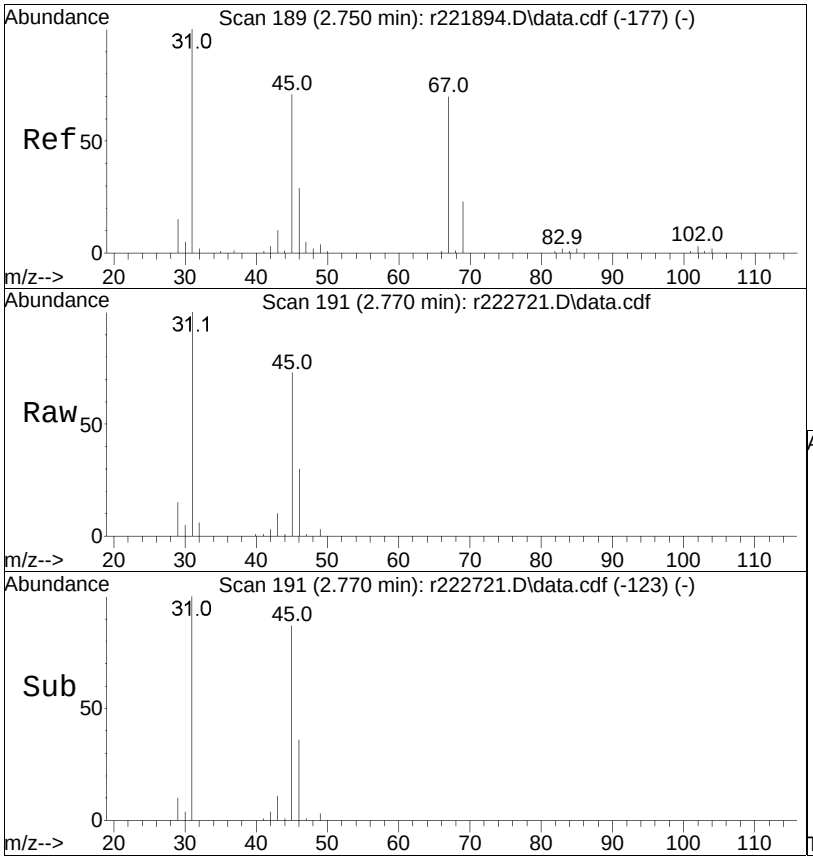


#7
Freon-114
Concen: 0.26 ppbV
RT: 2.215 min Scan# 82
Delta R.T. -0.150 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 85 Resp: 6700

Ion	Ratio	Lower	Upper
85	100		
87	31.6	25.8	38.6
135	0.0	58.7	88.1#

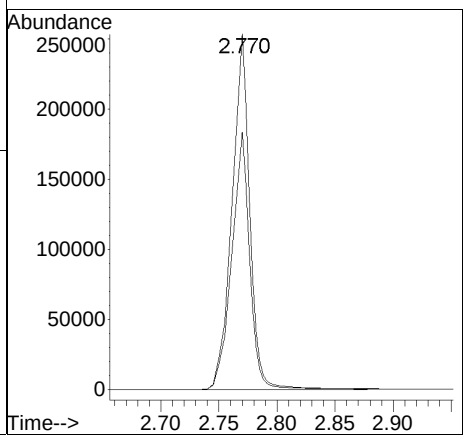


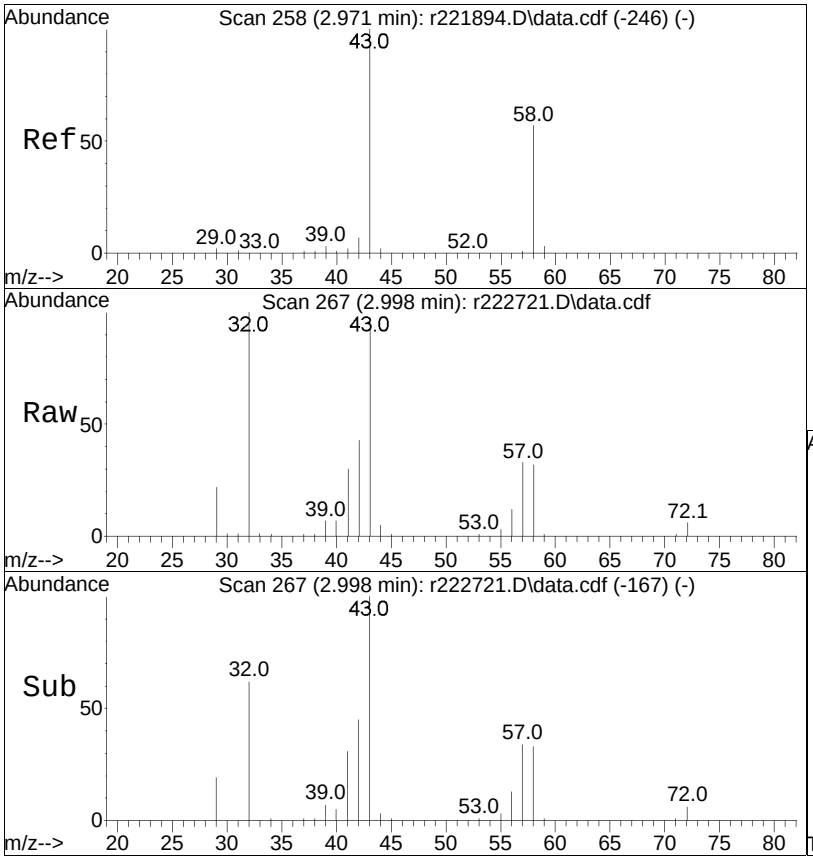


#15
ethanol
Concen: 52.33 ppbV
RT: 2.770 min Scan# 191
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 31 Resp: 183488

Ion	Ratio	Lower	Upper
31	100		
45	72.5	56.6	84.8

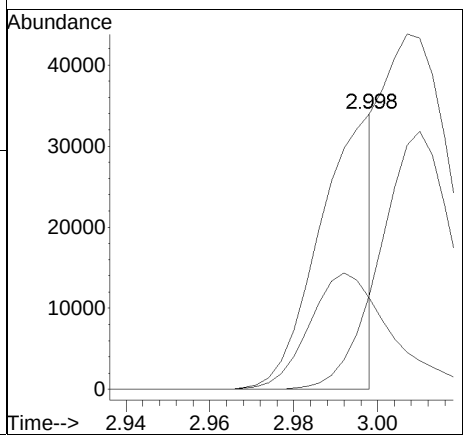


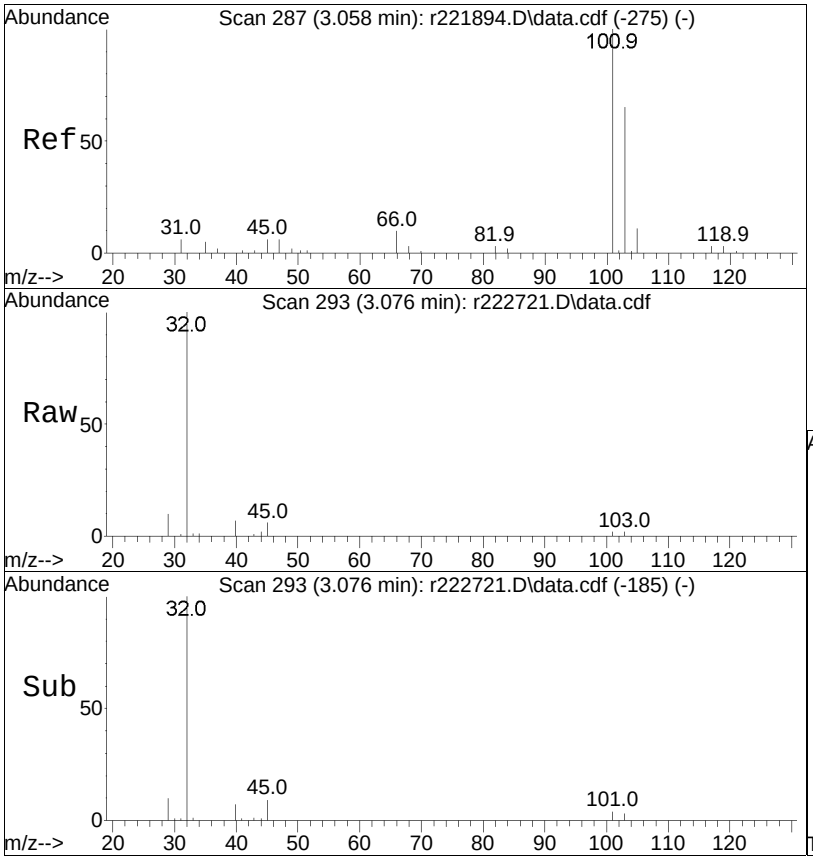


#19
acetone
Concen: 4.29 ppbV m
RT: 2.998 min Scan# 267
Delta R.T. 0.027 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 43 Resp: 30110

Ion	Ratio	Lower	Upper
43	100		
58	33.1	45.5	68.3#
57	34.3	1.0	1.6#

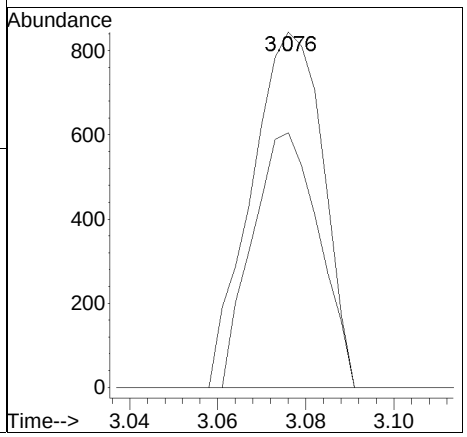


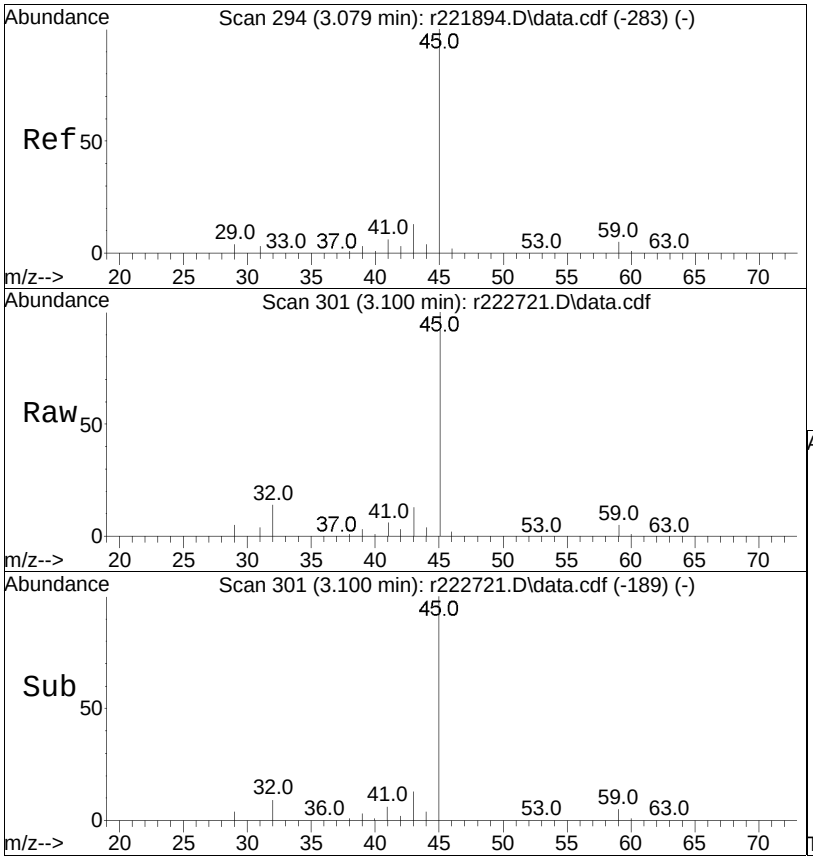


#21
trichlorofluoromethane
Concen: 0.10 ppbV
RT: 3.076 min Scan# 293
Delta R.T. 0.018 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion:101 Resp: 954

Ion	Ratio	Lower	Upper
101	100		
103	71.7	52.2	78.4

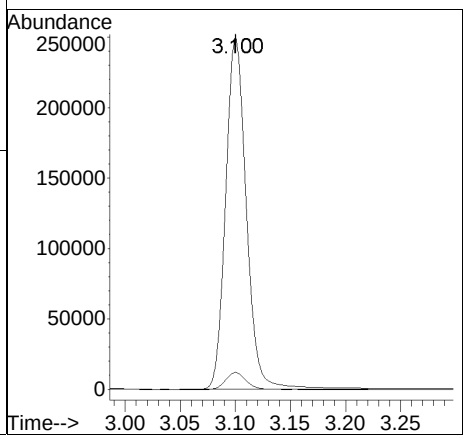


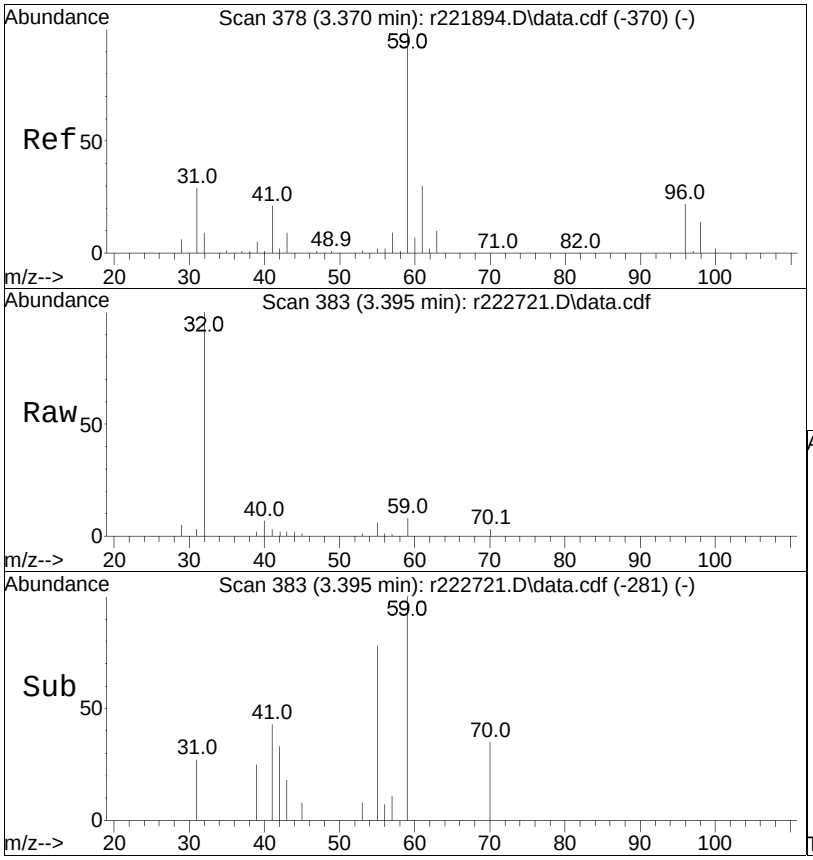


#22
isopropyl alcohol
Concen: 28.10 ppbV
RT: 3.100 min Scan# 301
Delta R.T. 0.021 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 45 Resp: 327248

Ion	Ratio	Lower	Upper
45	100		
59	4.8	4.0	6.0

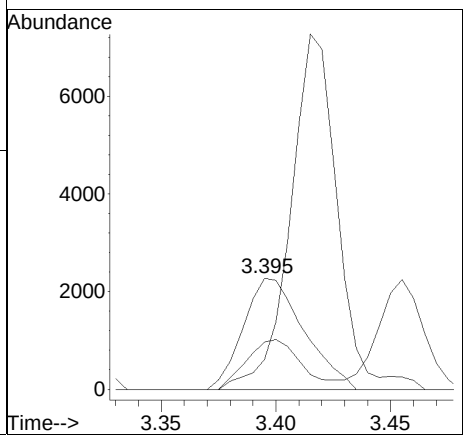


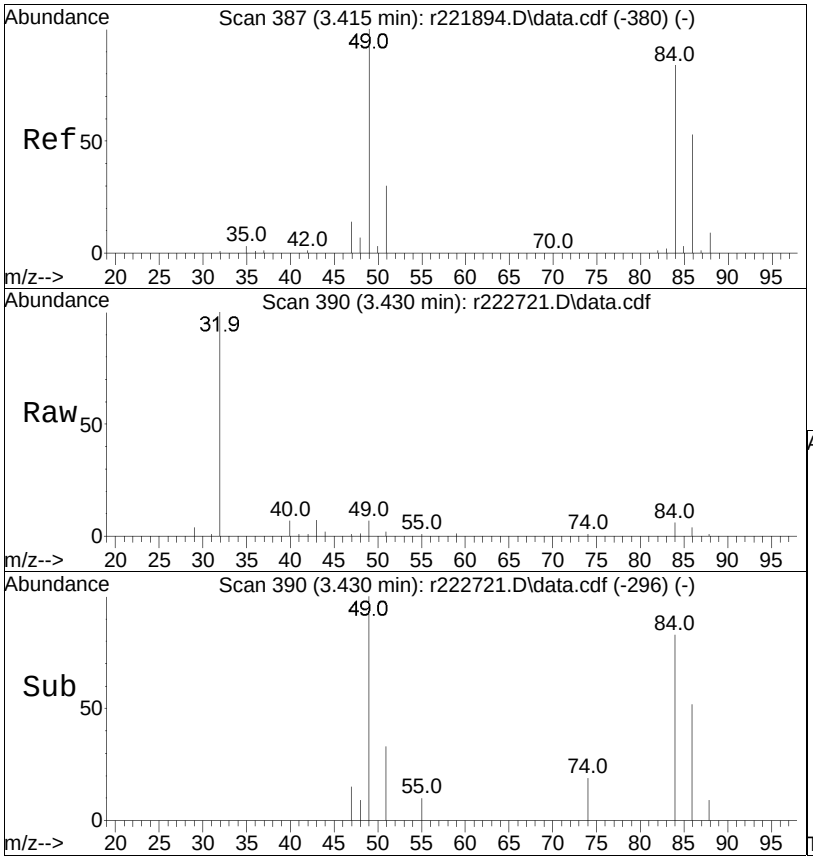


#27
tertiary butyl alcohol
Concen: 0.16 ppbV
RT: 3.395 min Scan# 383
Delta R.T. 0.025 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 59 Resp: 4179

Ion	Ratio	Lower	Upper
59	100		
41	42.7	16.9	25.3#
43	27.0	7.5	11.3#

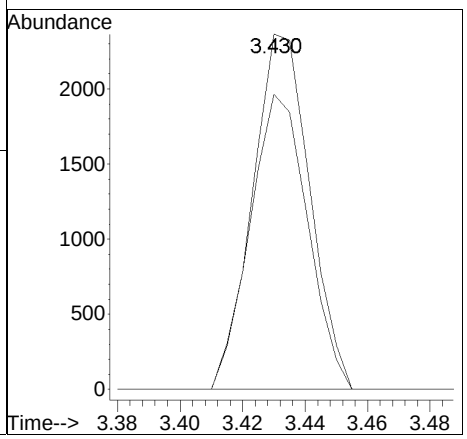


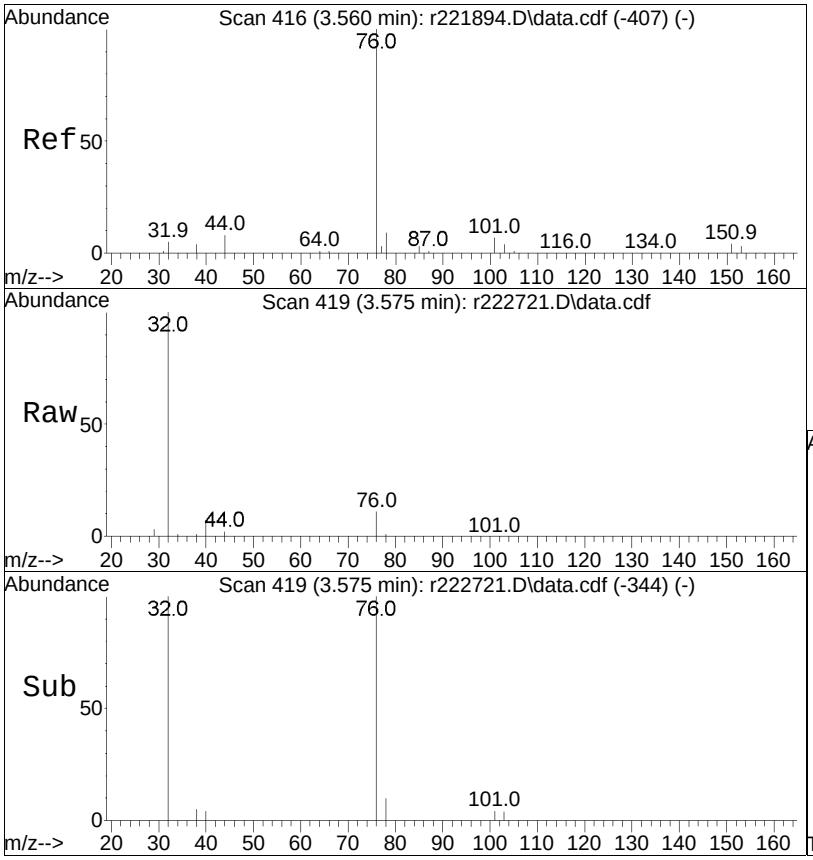


#28
methylene chloride
Concen: 0.17 ppbV
RT: 3.430 min Scan# 390
Delta R.T. 0.015 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 49 Resp: 3014

Ion	Ratio	Lower	Upper
49	100		
84	83.0	67.2	100.8

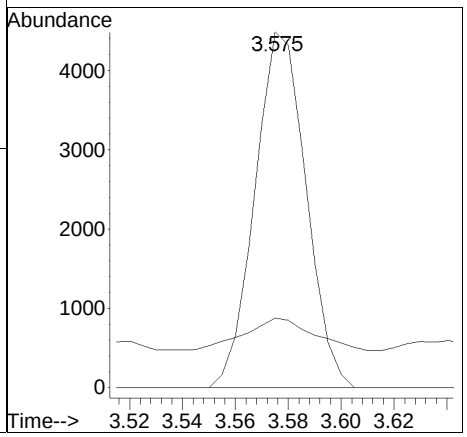


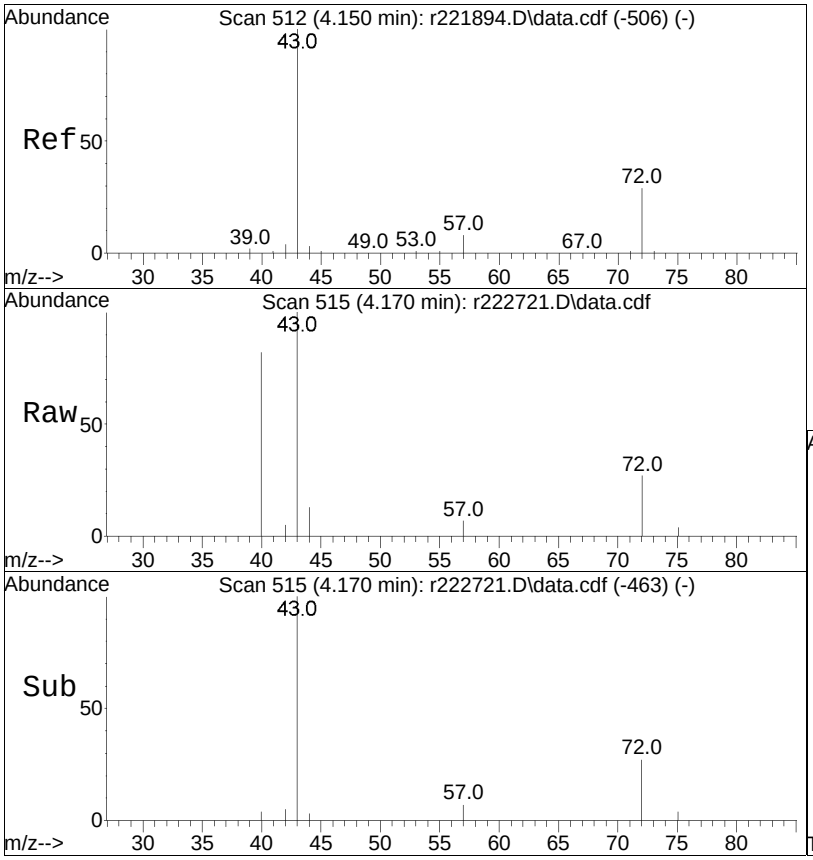


#30
carbon disulfide
Concen: 0.13 ppbV
RT: 3.575 min Scan# 419
Delta R.T. 0.015 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 76 Resp: 6016

Ion	Ratio	Lower	Upper
76	100		
44	19.5	6.8	10.2#

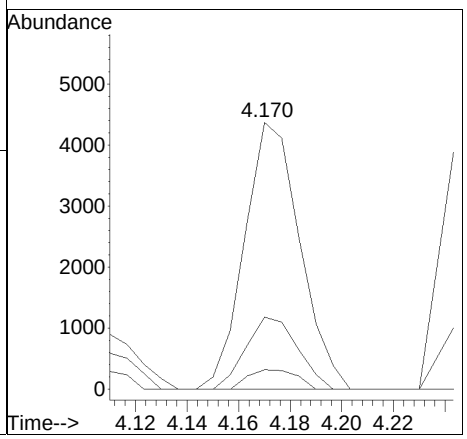


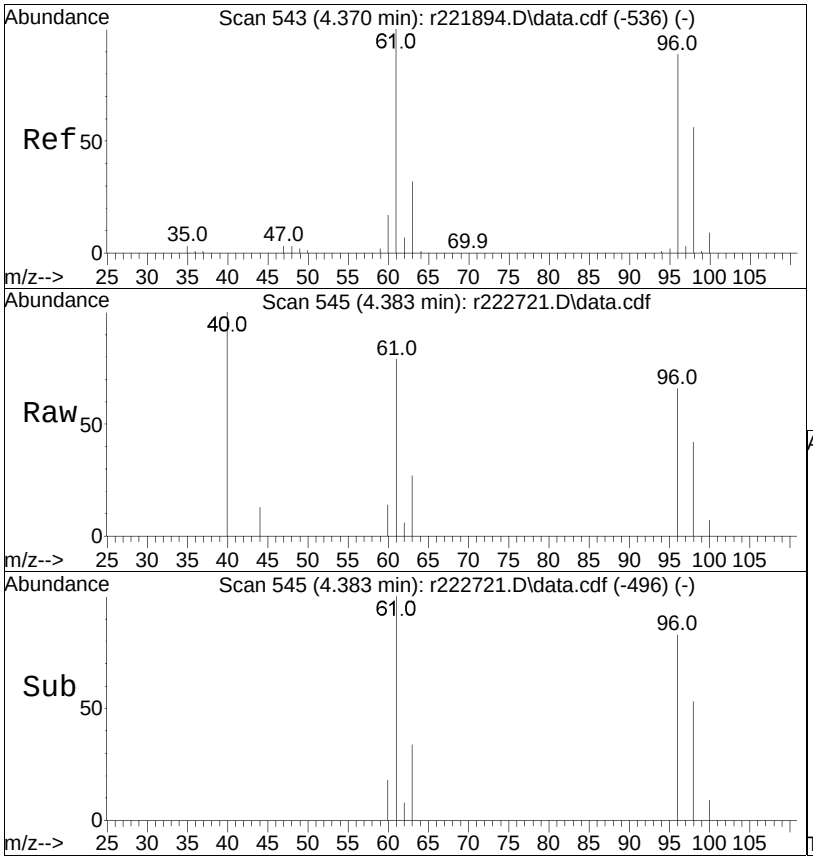


#36
2-butanone
Concen: 0.18 ppbV
RT: 4.170 min Scan# 515
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 43 Resp: 6544

Ion	Ratio	Lower	Upper
43	100		
72	27.1	23.0	34.6
57	7.4	6.3	9.5

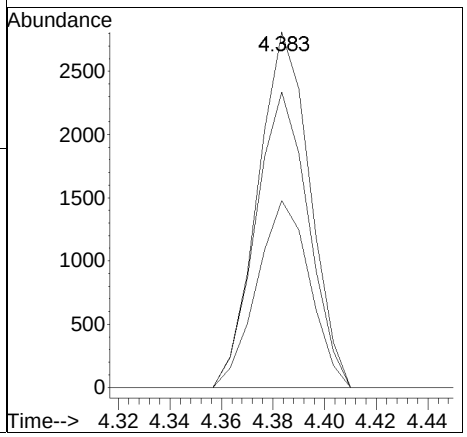


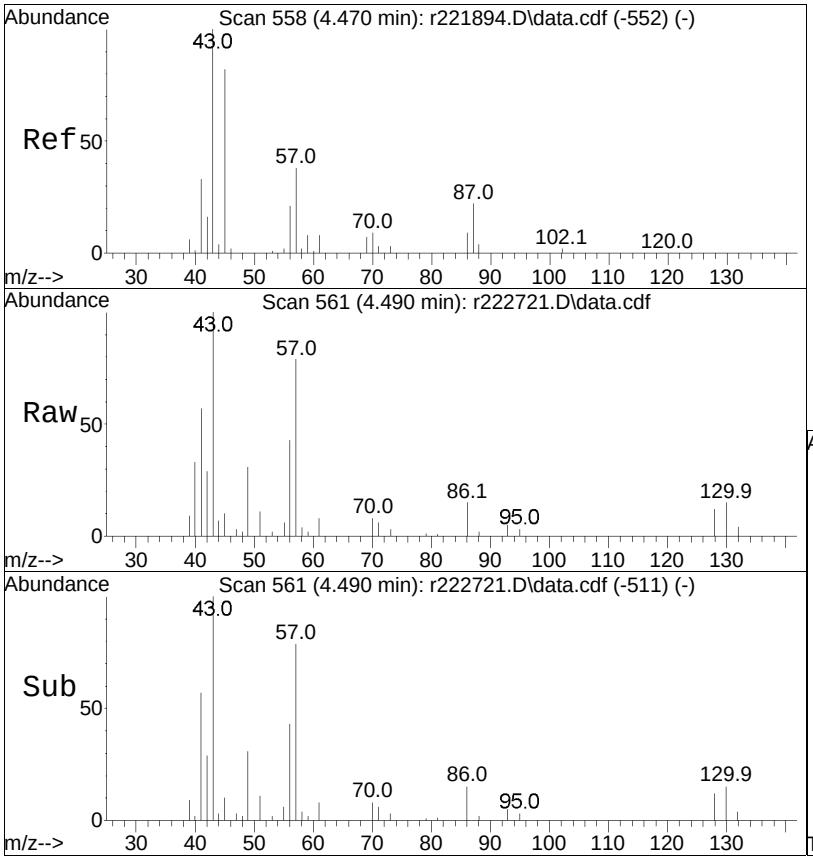


#37
cis-1,2-dichloroethene
Concen: 0.19 ppbV
RT: 4.383 min Scan# 545
Delta R.T. 0.013 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 61 Resp: 3957

Ion	Ratio	Lower	Upper
61	100		
96	83.1	71.0	106.4
98	52.6	44.8	67.2

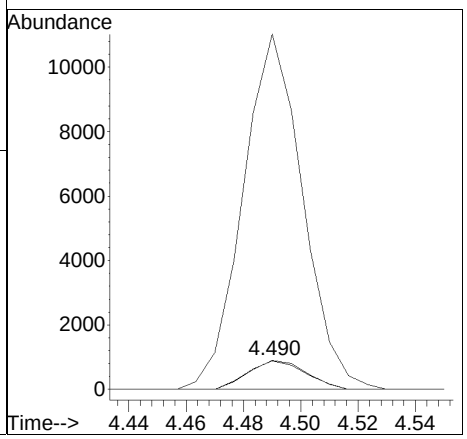


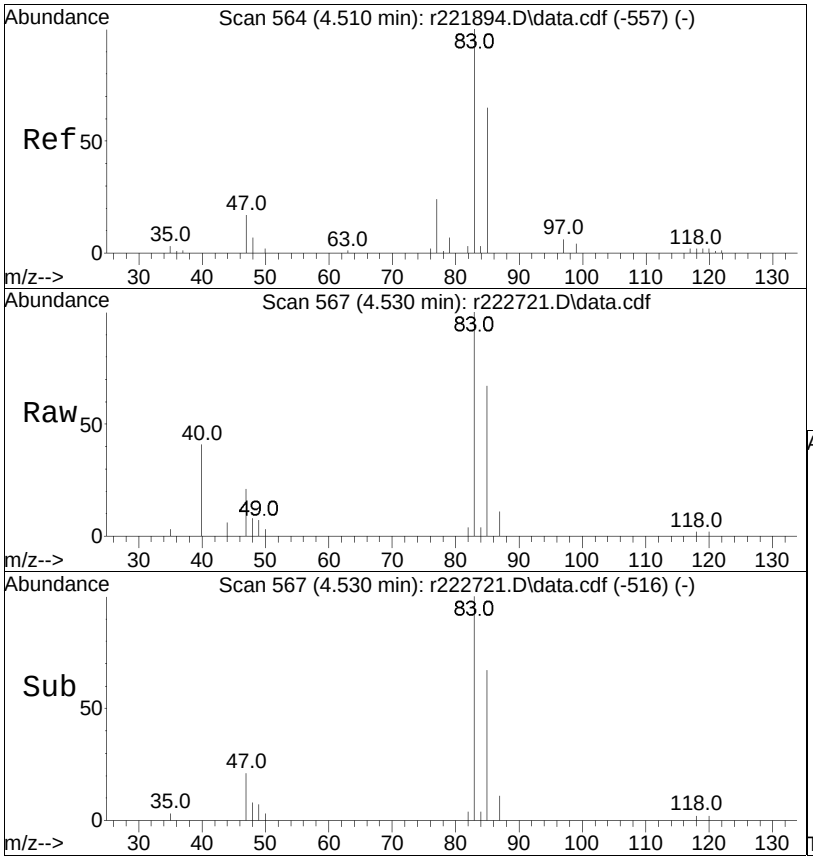


#38
Ethyl Acetate
Concen: 0.23 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 61 Resp: 1251

Ion	Ratio	Lower	Upper
61	100		
70	101.6	91.7	137.5
43	1244.7	971.0	1456.6

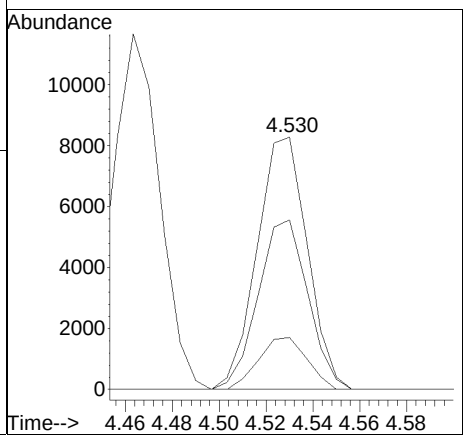


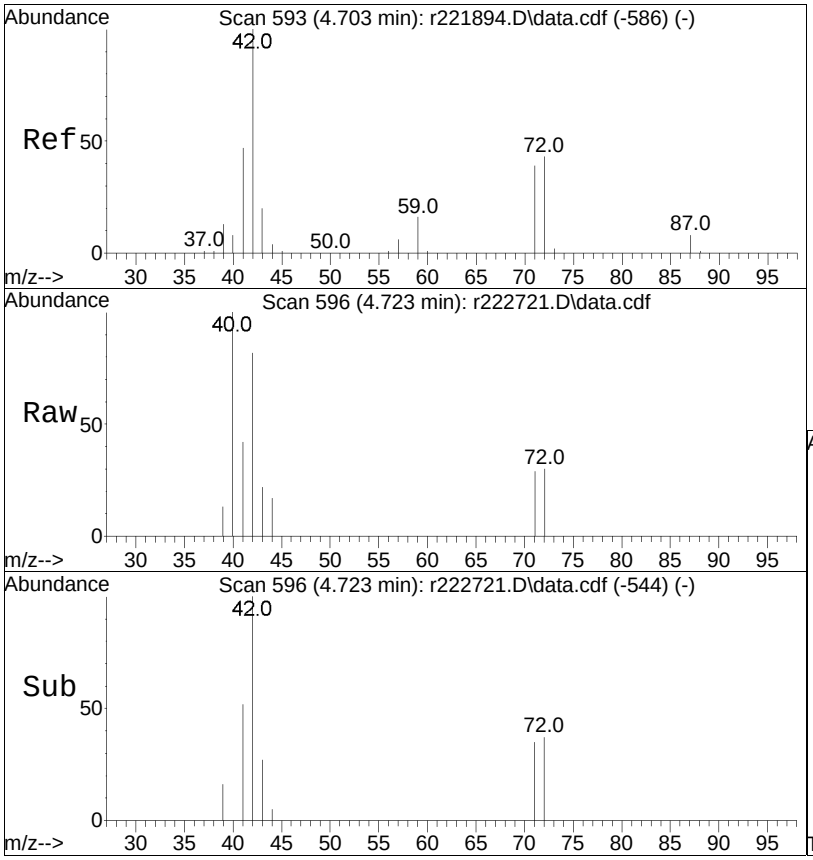


#39
chloroform
Concen: 0.49 ppbV
RT: 4.530 min Scan# 567
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 83 Resp: 12380

Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.6	79.0
47	20.6	15.1	22.7

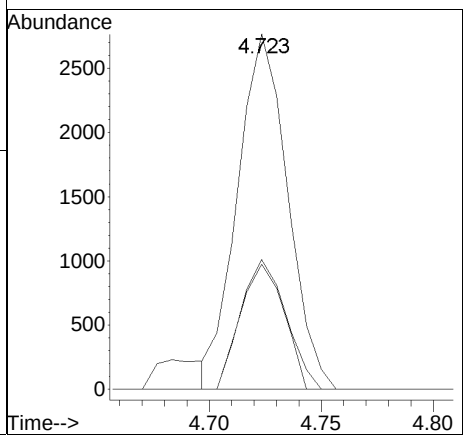


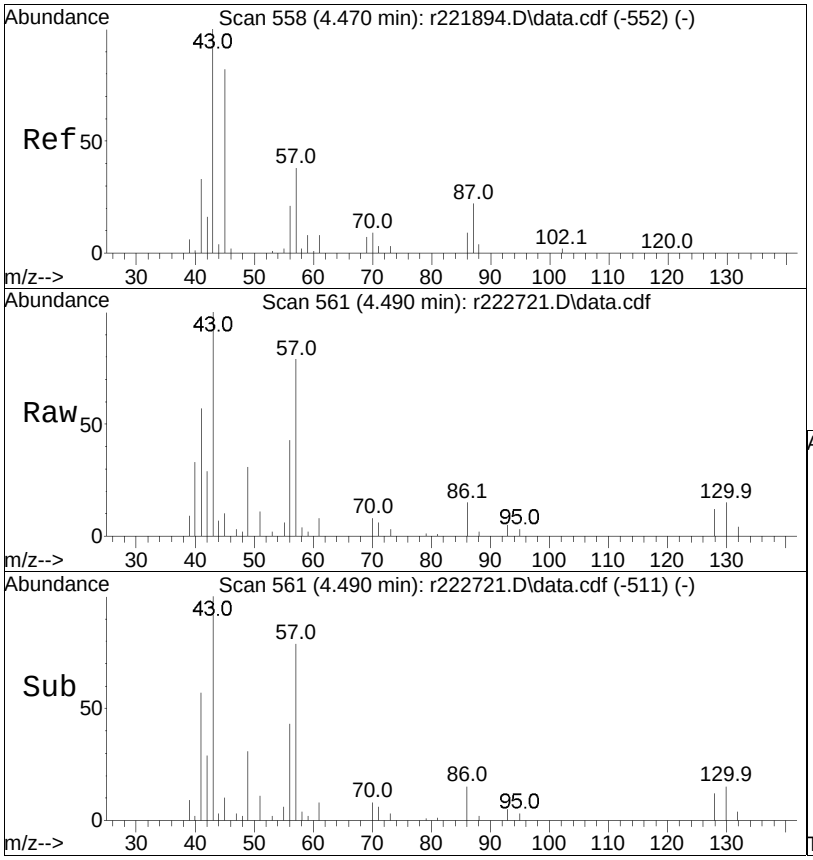


#40
Tetrahydrofuran
Concen: 0.19 ppbV m
RT: 4.723 min Scan# 596
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 42 Resp: 4307

Ion	Ratio	Lower	Upper
42	100		
71	35.2	31.4	47.2
72	36.5	34.3	51.5

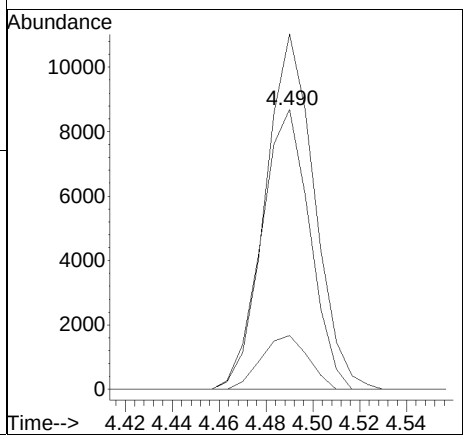


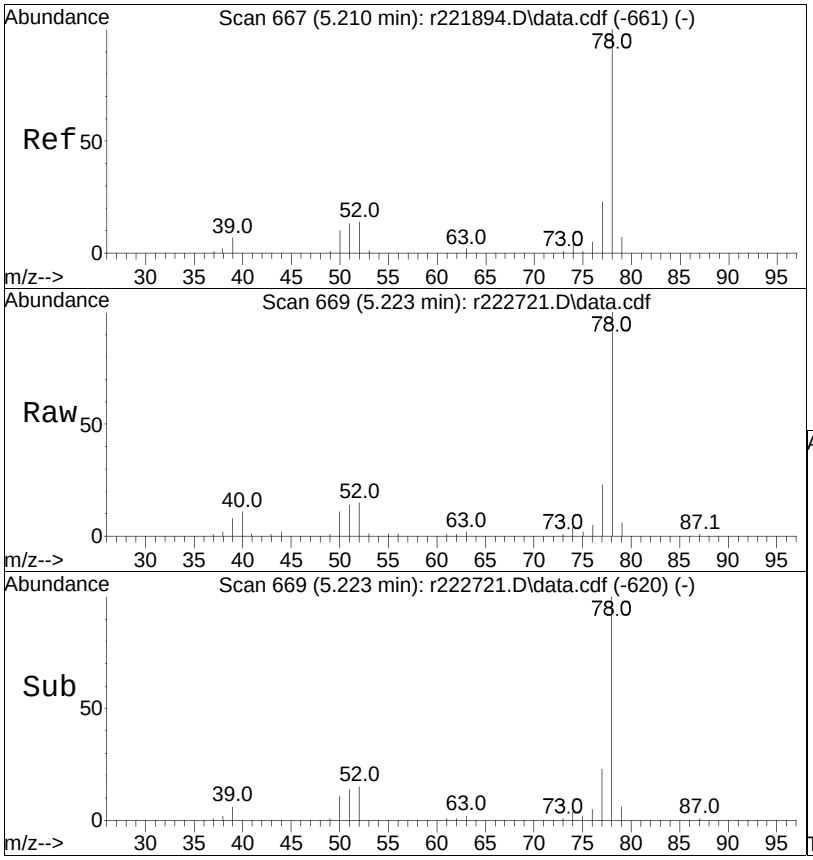


#44
hexane
Concen: 0.51 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 57 Resp: 12516

Ion	Ratio	Lower	Upper
57	100		
43	126.9	210.8	316.2#
86	19.2	17.9	26.9

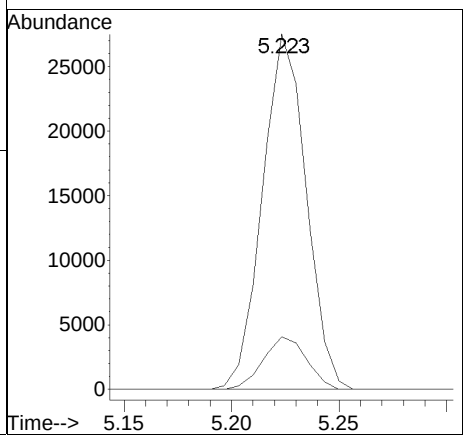


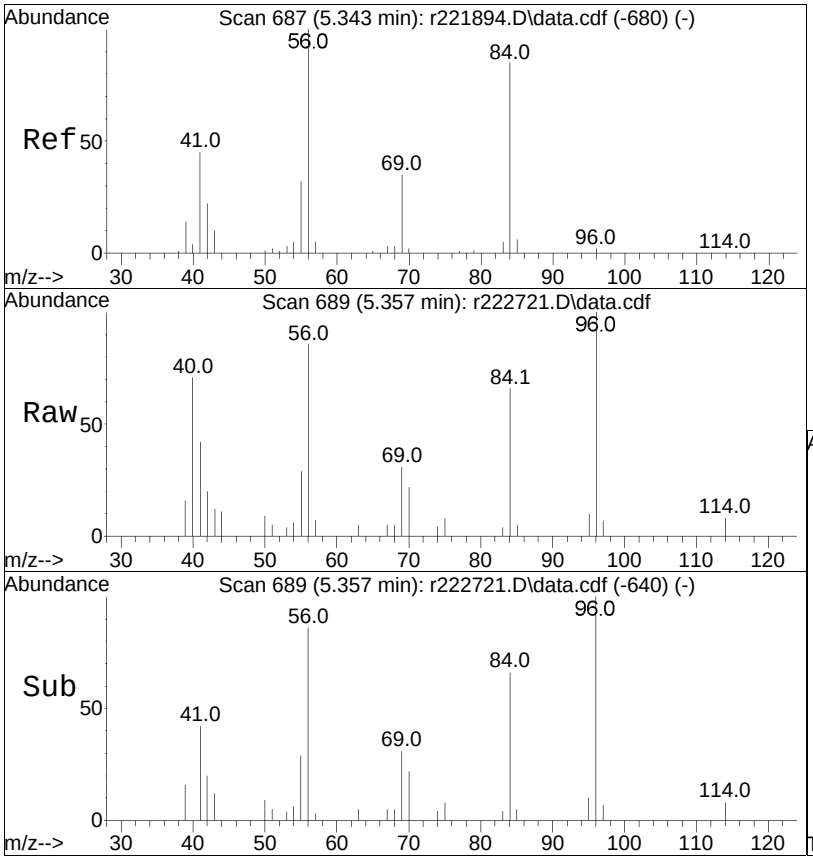


#50
benzene
Concen: 0.76 ppbV
RT: 5.223 min Scan# 669
Delta R.T. 0.013 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 78 Resp: 38936

Ion	Ratio	Lower	Upper
78	100		
52	14.8	11.3	16.9

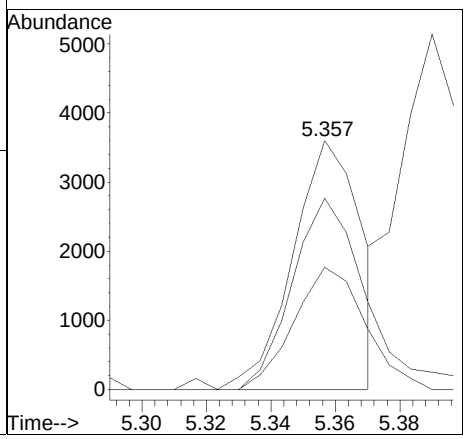


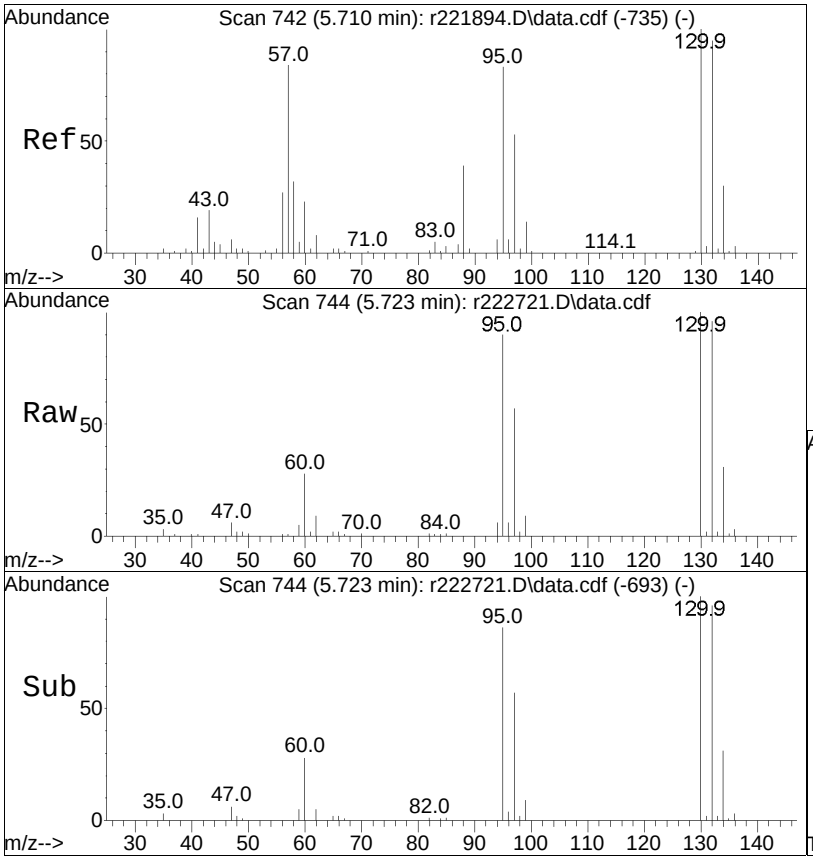


#53
cyclohexane
Concen: 0.19 ppbV
RT: 5.357 min Scan# 689
Delta R.T. 0.013 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 56 Resp: 5296

Ion	Ratio	Lower	Upper
56	100		
84	76.8	70.9	106.3
41	49.1	35.8	53.6

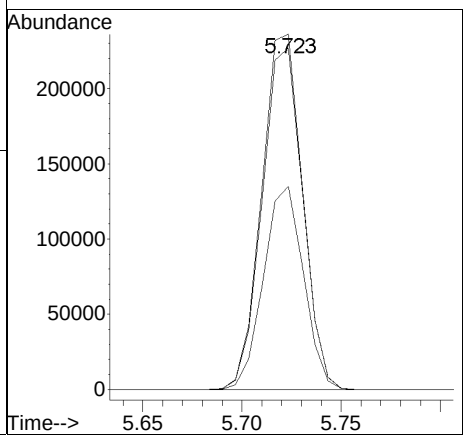


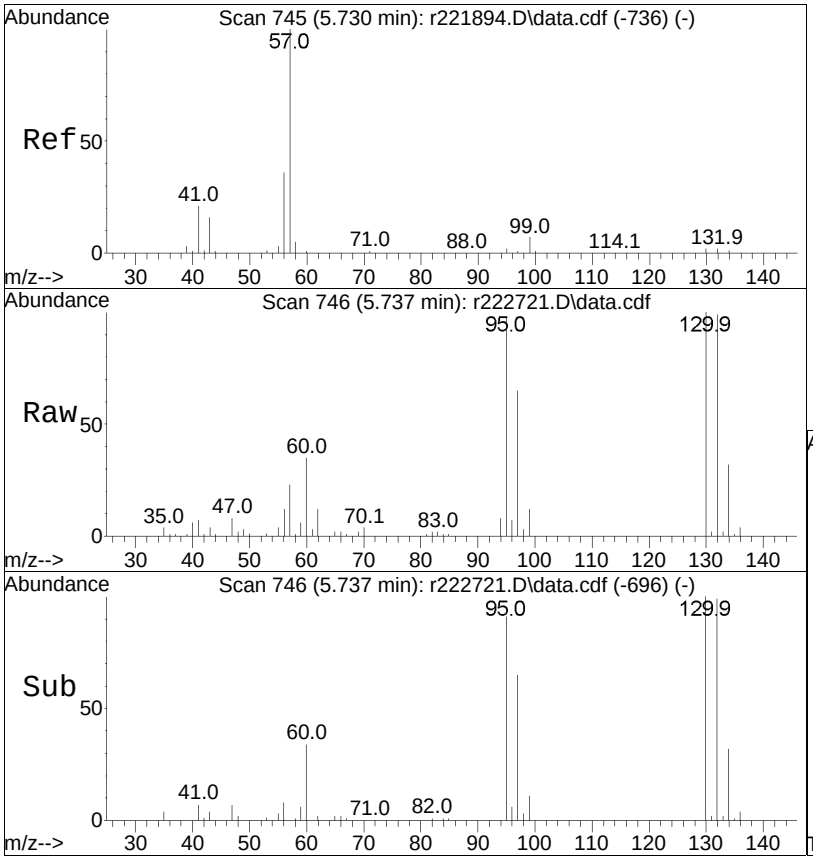


#59
trichloroethene
Concen: 16.66 ppbV
RT: 5.723 min Scan# 744
Delta R.T. 0.013 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion:130 Resp: 338133

Ion	Ratio	Lower	Upper
130	100		
132	96.1	75.9	113.9
97	57.2	42.5	63.7

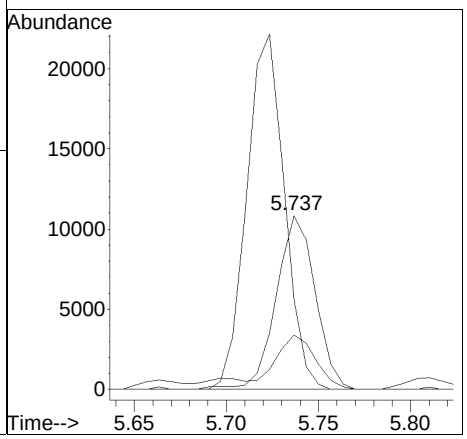


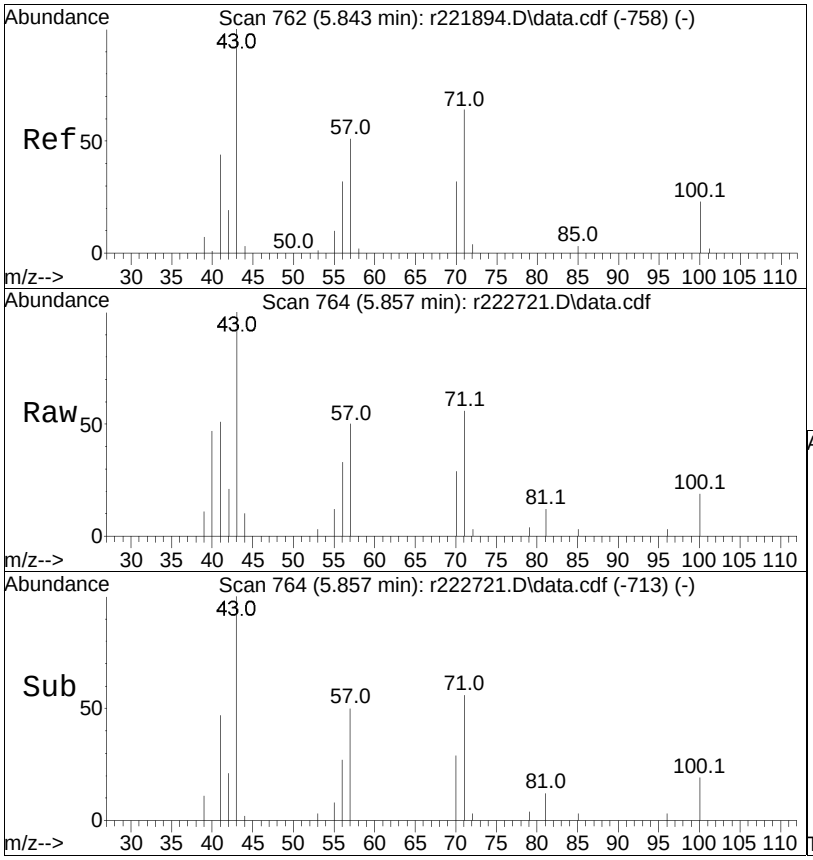


#60
2,2,4-trimethylpentane
Concen: 0.21 ppbV
RT: 5.737 min Scan# 746
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 57 Resp: 16016

Ion	Ratio	Lower	Upper
57	100		
99	51.6	5.7	8.5#
41	31.3	16.9	25.3#

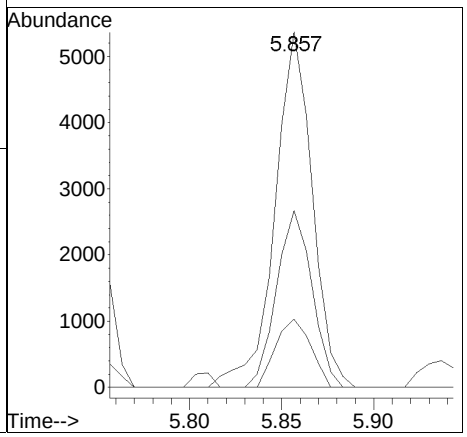


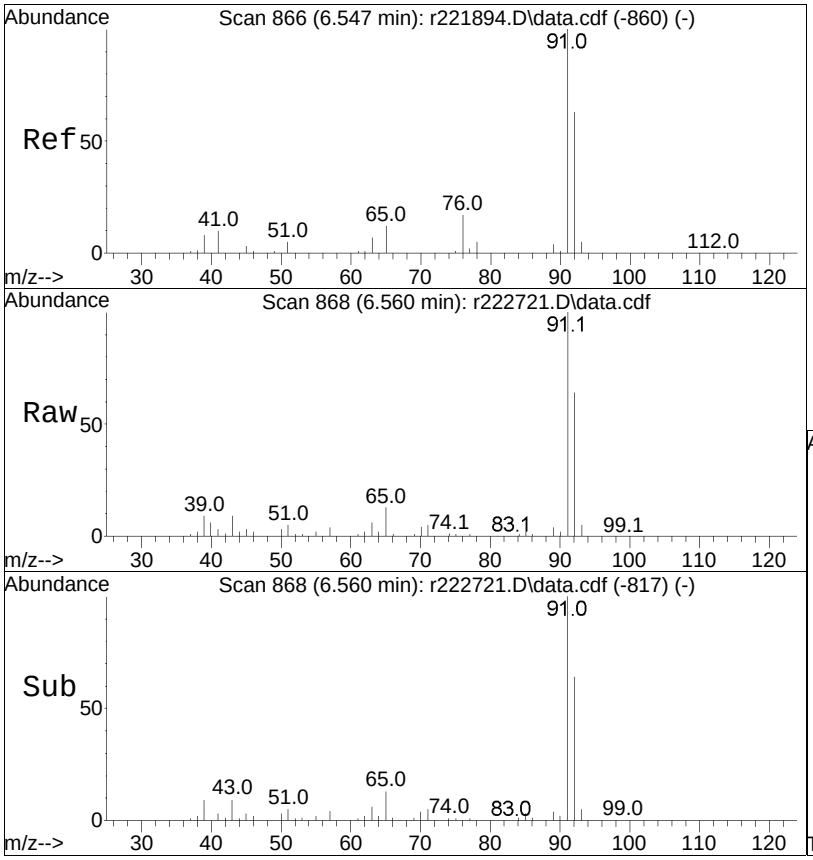


#62
heptane
Concen: 0.25 ppbV
RT: 5.857 min Scan# 764
Delta R.T. 0.013 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 43 Resp: 7598

Ion	Ratio	Lower	Upper
43	100		
57	49.7	40.4	60.6
100	19.2	19.0	28.6

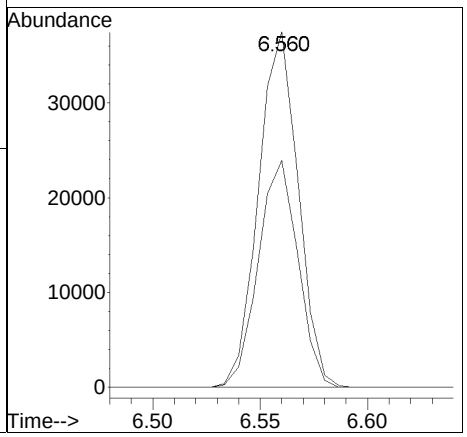


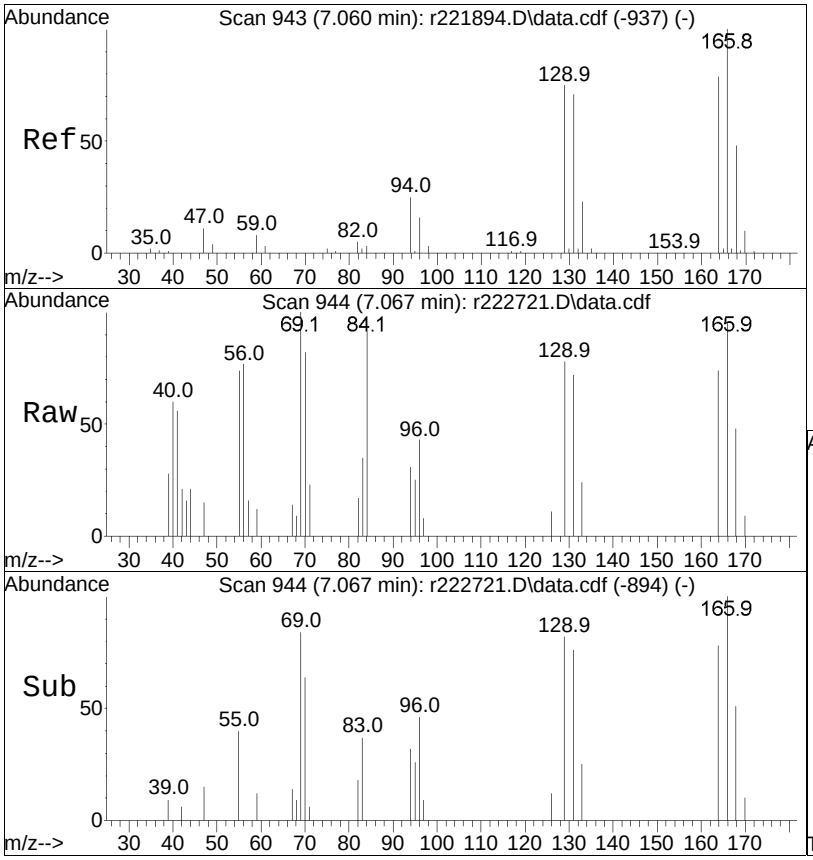


#68
toluene
Concen: 0.64 ppbV
RT: 6.560 min Scan# 868
Delta R.T. 0.013 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 91 Resp: 48266

Ion	Ratio	Lower	Upper
91	100		
92	63.9	50.7	76.1

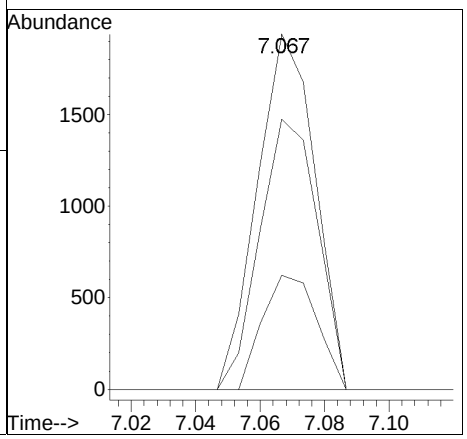


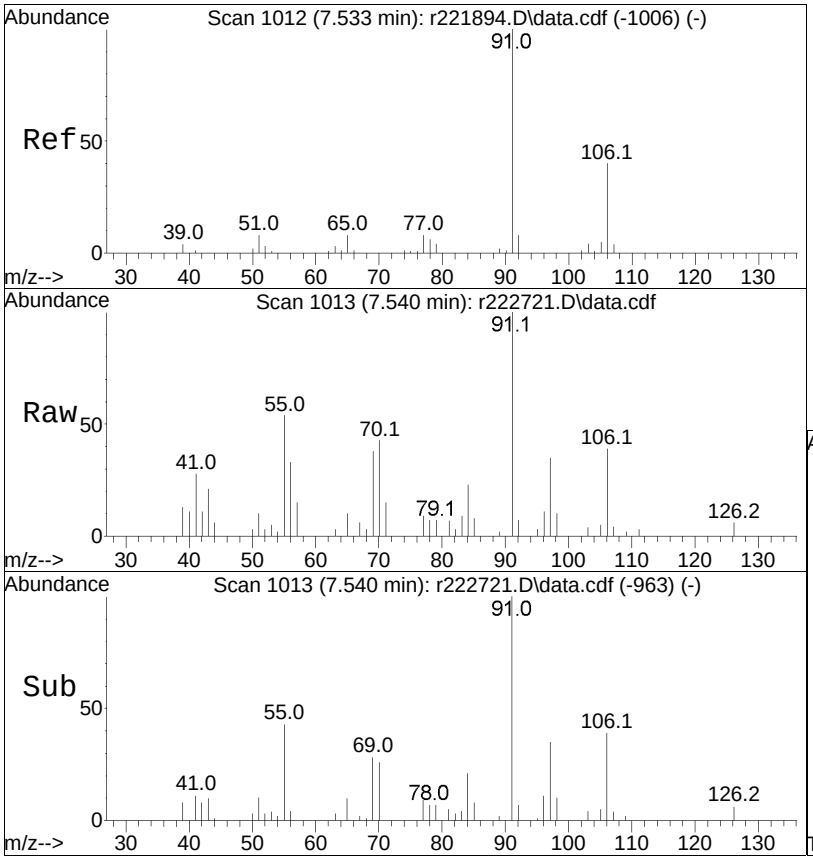


#78
tetrachloroethene
Concen: 0.08 ppbV
RT: 7.067 min Scan# 944
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion:166 Resp: 2419

Ion	Ratio	Lower	Upper
166	100		
131	76.0	56.9	85.3
94	32.1	19.8	29.8#

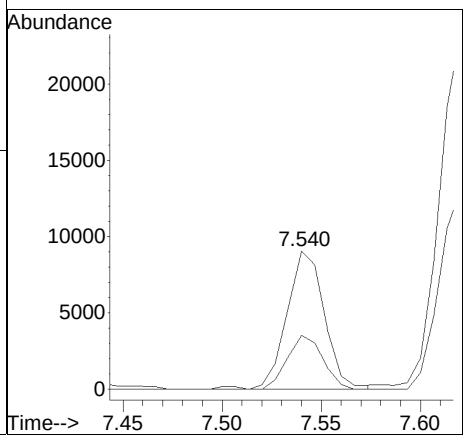


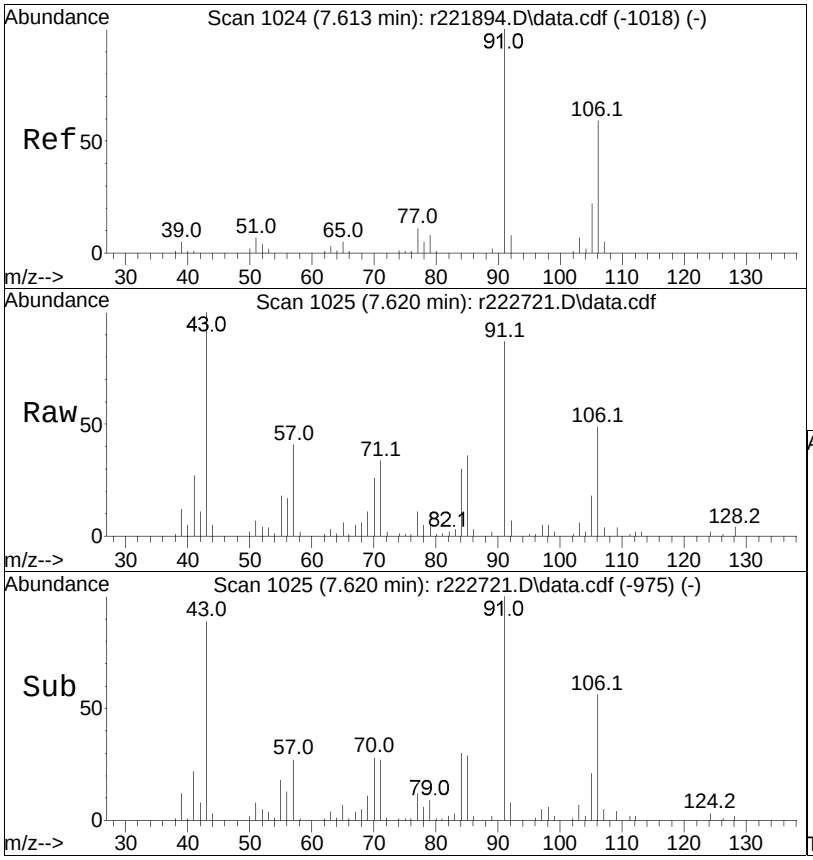


#81
ethylbenzene
Concen: 0.13 ppbV
RT: 7.540 min Scan# 1013
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 91 Resp: 12032

Ion	Ratio	Lower	Upper
91	100		
106	39.1	31.7	47.5

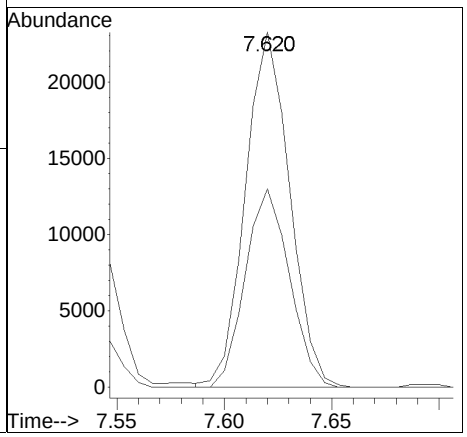


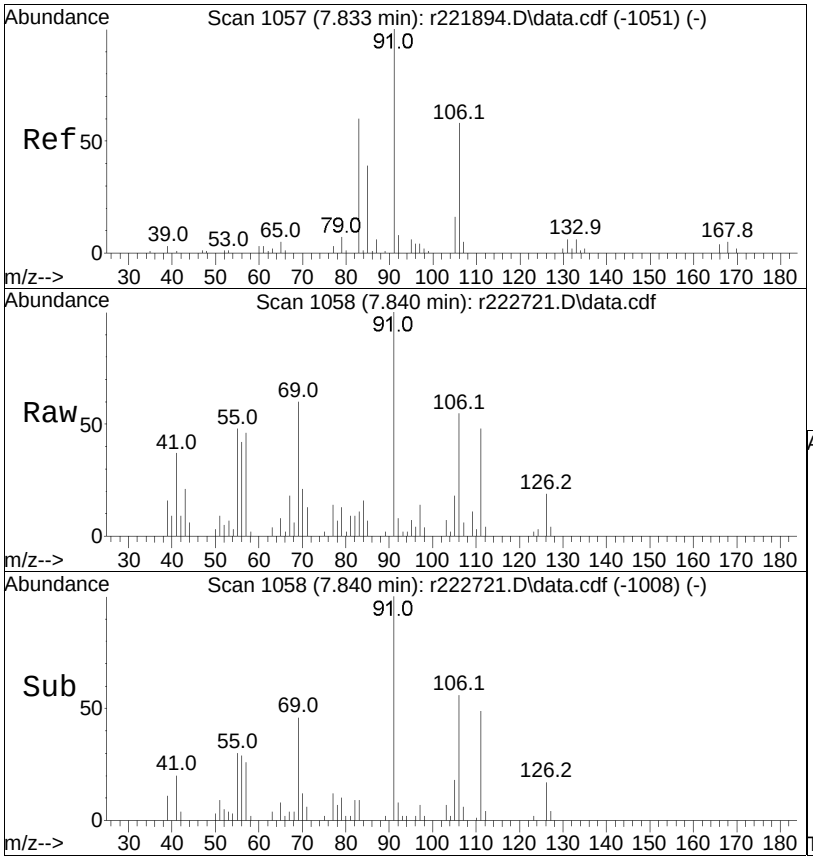


#83
m+p-xylene
Concen: 0.47 ppbV
RT: 7.620 min Scan# 1025
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 91 Resp: 33368

Ion	Ratio	Lower	Upper
91	100		
106	55.9	47.4	71.2

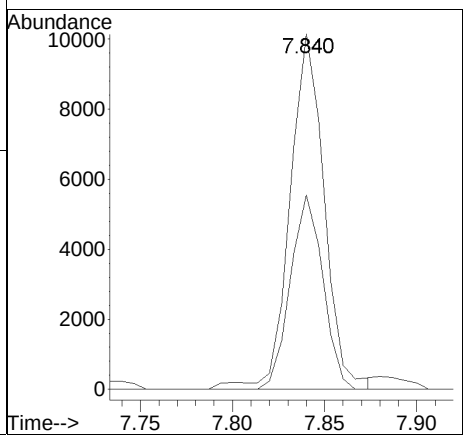


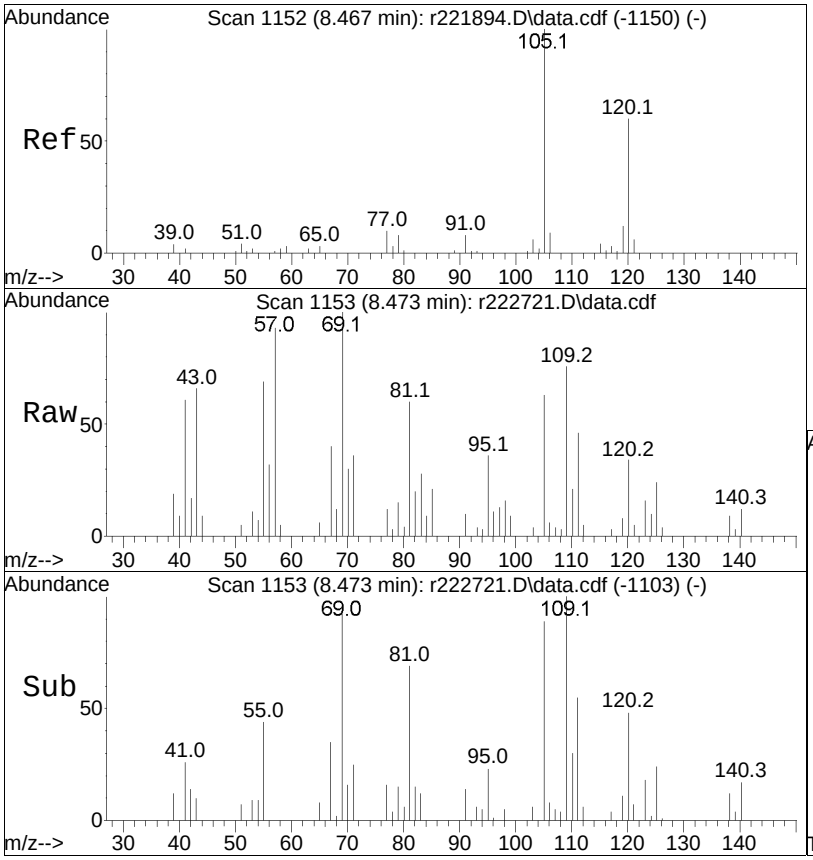


#87
o-xylene
Concen: 0.19 ppbV
RT: 7.840 min Scan# 1058
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion: 91 Resp: 13147

Ion	Ratio	Lower	Upper
91	100		
106	54.7	46.2	69.4

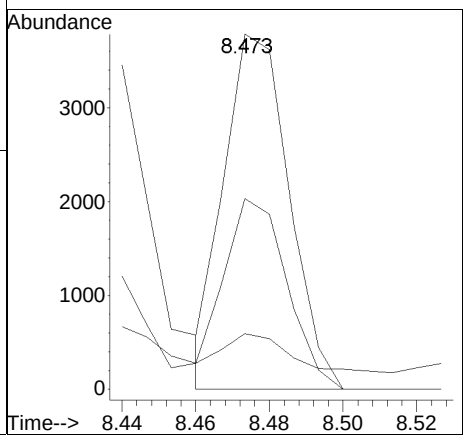


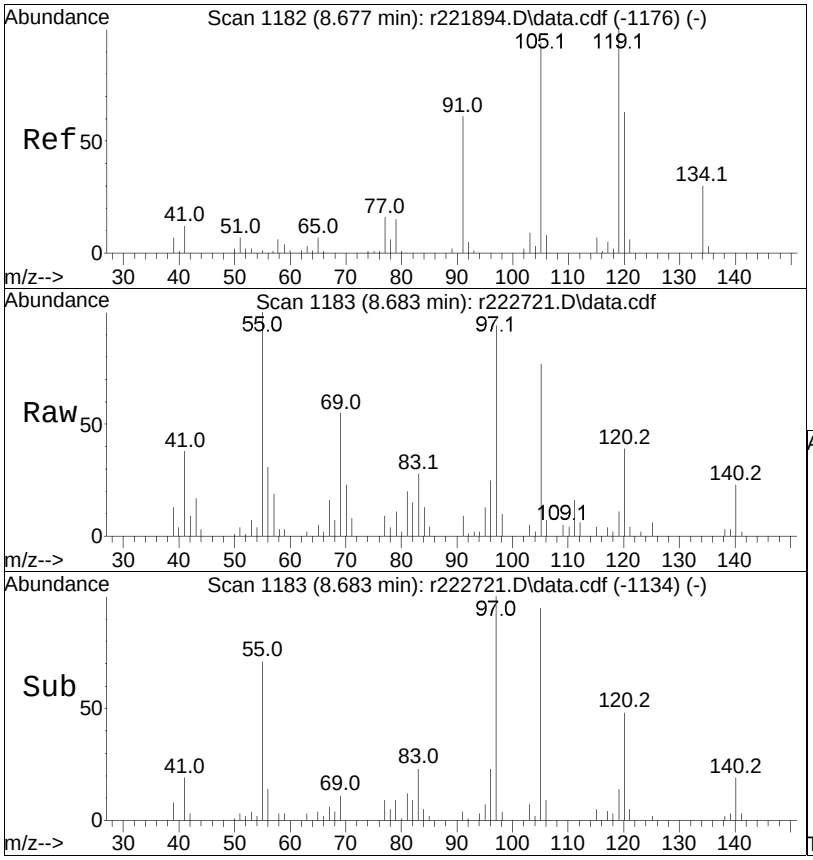


#97
1,3,5-trimethylbenzene
Concen: 0.06 ppbV
RT: 8.473 min Scan# 1153
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion:105 Resp: 4636

Ion	Ratio	Lower	Upper
105	100		
120	53.7	47.8	71.8
91	15.7	6.6	10.0#

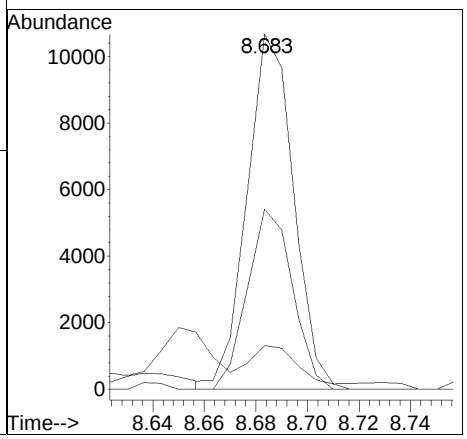




#99
1,2,4-trimethylbenzene
Concen: 0.17 ppbV
RT: 8.683 min Scan# 1183
Delta R.T. 0.007 min
Lab File: r222721.D
Acq: 29 Feb 2024 1:50 AM

Tgt Ion:105 Resp: 13404

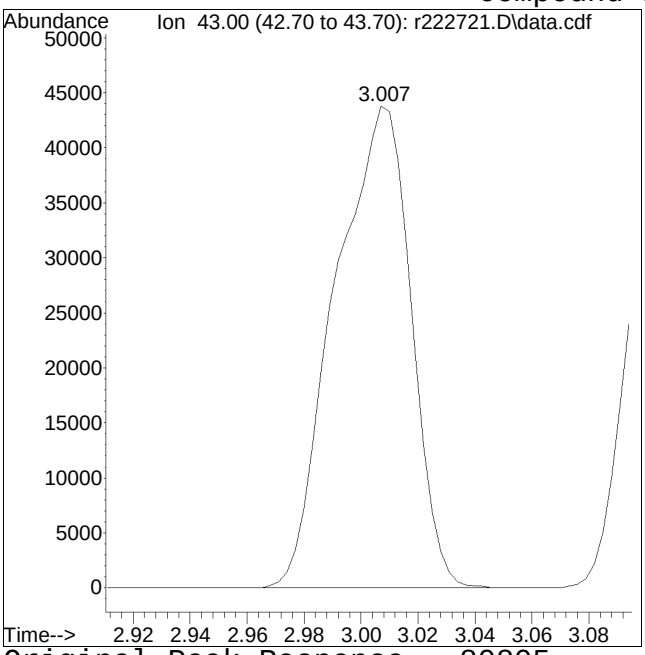
Ion	Ratio	Lower	Upper
105	100		
120	50.7	53.8	80.8#
91	12.4	52.2	78.2#



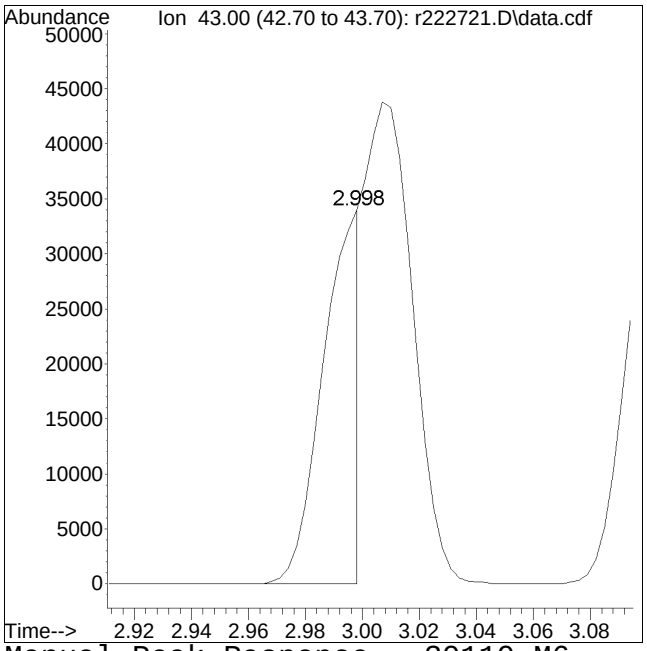
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222721.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:1: 0 Instrument :
Sample : L2409115-01D,3,122.48,250 Quant Date : 2/29/2024 6:41 am

Compound #19: acetone



Original Peak Response = 80805



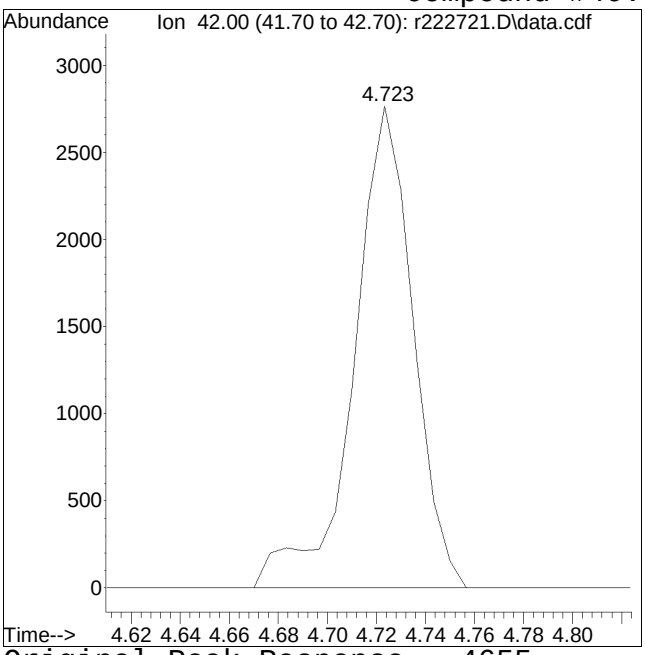
Manual Peak Response = 30110 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

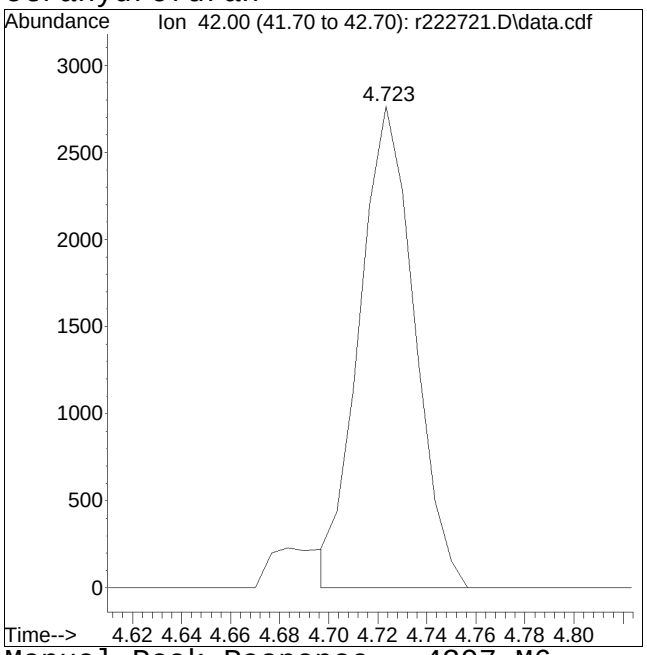
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222721.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:1: 0 Instrument :
Sample : L2409115-01D,3,122.48,250 Quant Date : 2/29/2024 6:41 am

Compound #40: Tetrahydrofuran



Original Peak Response = 4655



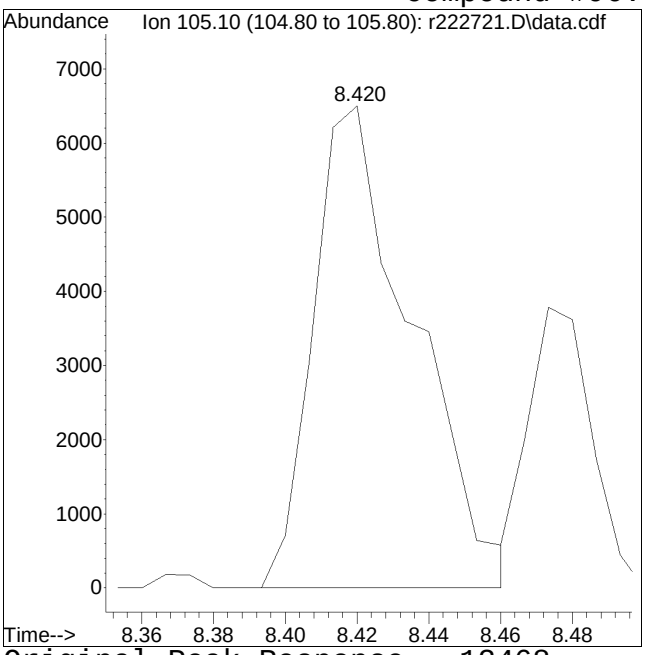
Manual Peak Response = 4307 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

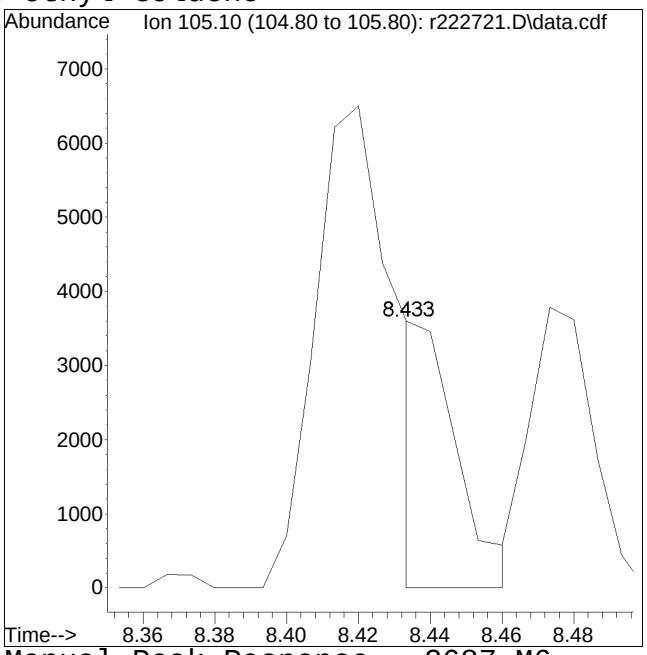
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222721.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:1: 0 Instrument :
Sample : L2409115-01D,3,122.48,250 Quant Date : 2/29/2024 6:41 am

Compound #96: 4-ethyl toluene



Original Peak Response = 12468



Manual Peak Response = 2687 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222722.D
Acq On : 29 Feb 2024 2:21 AM
Operator : AIRLAB22:JMB
Sample : L2409115-02D,3,126.71,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.463	49	217198	10.000	ppbV	0.01
Standard Area = 218491			Recovery = 99.41%			
43) 1,4-difluorobenzene	5.390	114	689183	10.000	ppbV	0.01
Standard Area = 693129			Recovery = 99.43%			
67) chlorobenzene-D5	7.353	54	93755	10.000	ppbV	# 0.00
Standard Area = 86392			Recovery = 108.52%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.220	85	4626	0.264	ppbV	96
6) chloromethane	2.325	50	1075	0.113	ppbV	95
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	2.455		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	2.770	31	207503	59.480	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	3.004	43	23468M6	3.358	ppbV	
21) trichlorofluoromethane	3.079	101	1264	0.135	ppbV	96
22) isopropyl alcohol	3.103	45	144526	12.475	ppbV	99
26) 1,1-dichloroethene	3.375		0	N.D.		
27) tertiary butyl alcohol	3.400	59	2591	0.099	ppbV #	26
28) methylene chloride	3.435	49	9511	0.552	ppbV	94
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	3.580	76	12320	0.258	ppbV #	84
31) Freon 113	3.560		0	N.D.		
32) trans-1,2-dichloroethene	3.883	61	1744	0.079	ppbV	98
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.		
36) 2-butanone	4.177	43	6913	0.196	ppbV	98
37) cis-1,2-dichloroethene	4.383	61	41910	2.076	ppbV	94
38) Ethyl Acetate	0.000		0	N.D.	d	
39) chloroform	4.530	83	73570	2.954	ppbV	98
40) Tetrahydrofuran	4.723	42	3391M6	0.151	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	4.490	57	4346	0.178	ppbV #	60

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222722.D
Acq On : 29 Feb 2024 2:21 AM
Operator : AIRLAB22:JMB
Sample : L2409115-02D,3,126.71,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	5.223	78	19588	0.381	ppbV	97
52) carbon tetrachloride	5.297		0	N.D.		
53) cyclohexane	5.357	56	8541	0.306	ppbV	92
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	5.663		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	5.717	130	1418224	69.792	ppbV	97
60) 2,2,4-trimethylpentane	5.737	57	16620	0.214	ppbV #	1
62) heptane	5.857	43	5975	0.194	ppbV	97
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	6.560	91	39022	0.499	ppbV	99
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	7.067	166	7306	0.241	ppbV	95
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	7.540	91	12224M4	0.129	ppbV	
83) m+p-xylene	7.620	91	33236	0.451	ppbV	95
84) bromoform	0.000		0	N.D.		
85) styrene	7.787		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	7.840	91	14408M4	0.200	ppbV	
96) 4-ethyl toluene	8.427		0	N.D.		
97) 1,3,5-trimethylbenzene	8.473	105	11015	0.127	ppbV #	93
99) 1,2,4-trimethylbenzene	8.683	105	13453	0.162	ppbV #	57
101) Benzyl Chloride	8.730		0	N.D.		
102) 1,3-dichlorobenzene	8.797		0	N.D.		
103) 1,4-dichlorobenzene	8.797		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

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222722.D
Acq On : 29 Feb 2024 2:21 AM
Operator : AIRLAB22:JMB
Sample : L2409115-02D,3,126.71,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

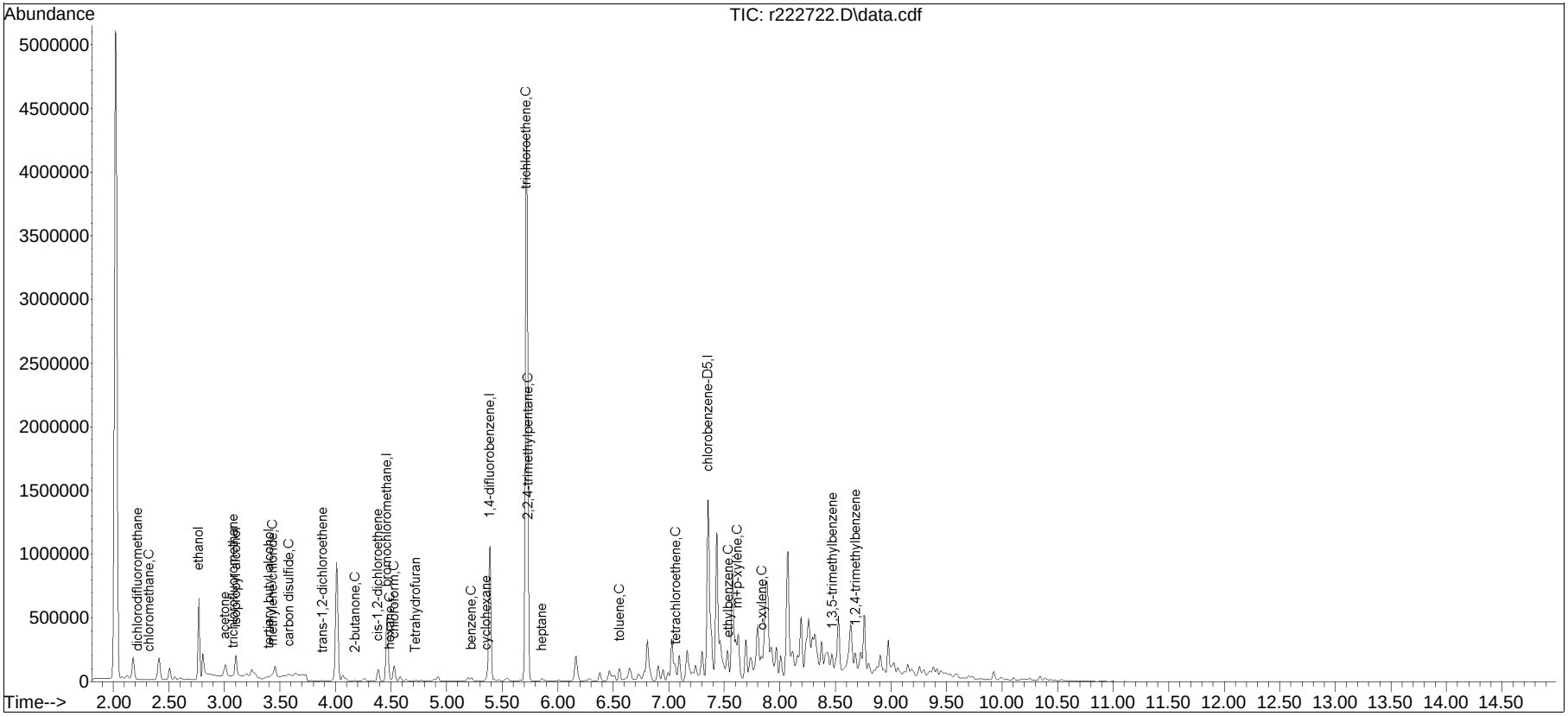
CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

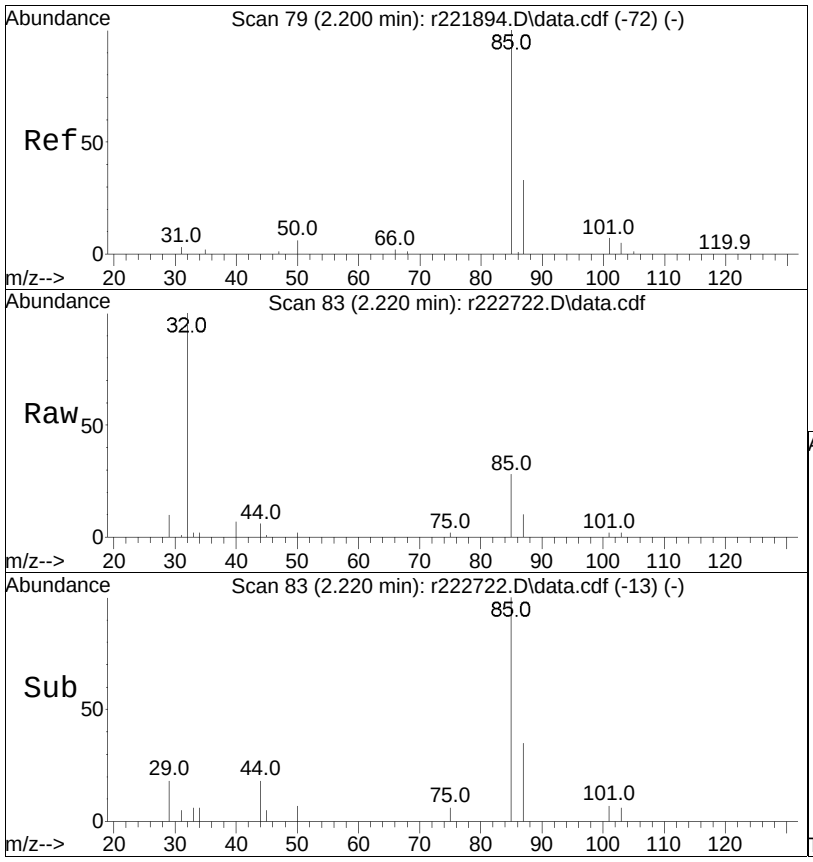
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airlab22\2024\02\0228T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222722.D
Acq On : 29 Feb 2024 2:21 AM
Operator : AIRLAB22:JMB
Sample : L2409115-02D,3,126.71,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:41:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

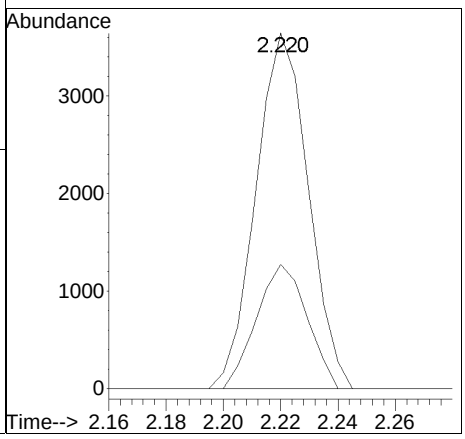


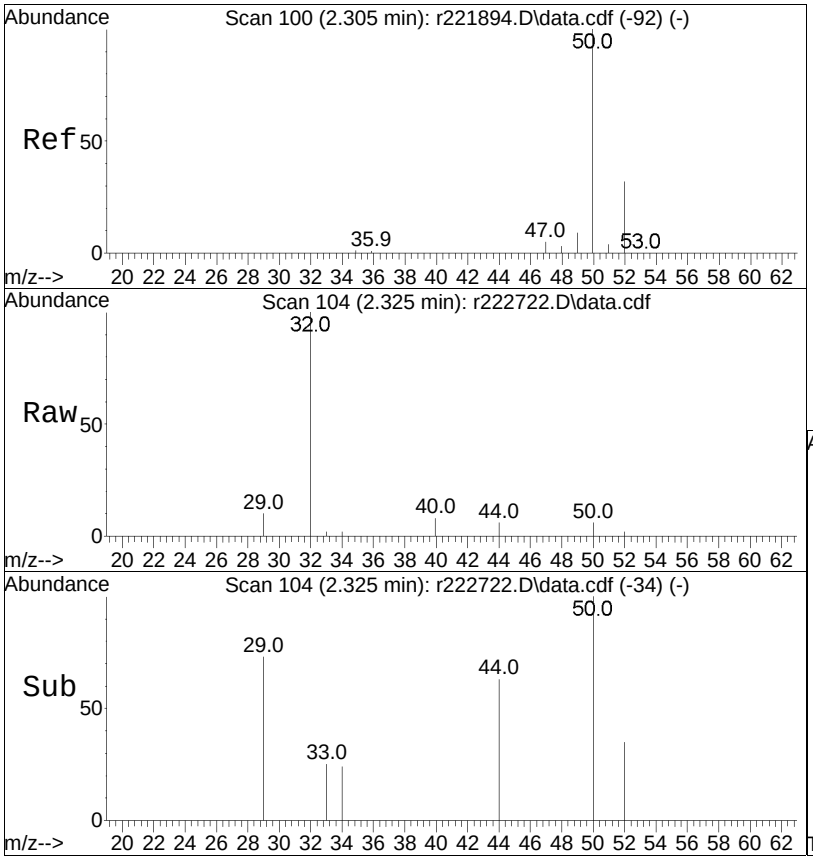


#5
dichlorodifluoromethane
Concen: 0.26 ppbV
RT: 2.220 min Scan# 83
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 85 Resp: 4626

Ion	Ratio	Lower	Upper
85	100		
87	34.9	26.3	39.5

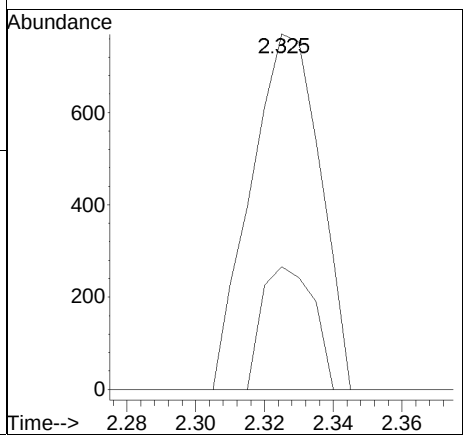


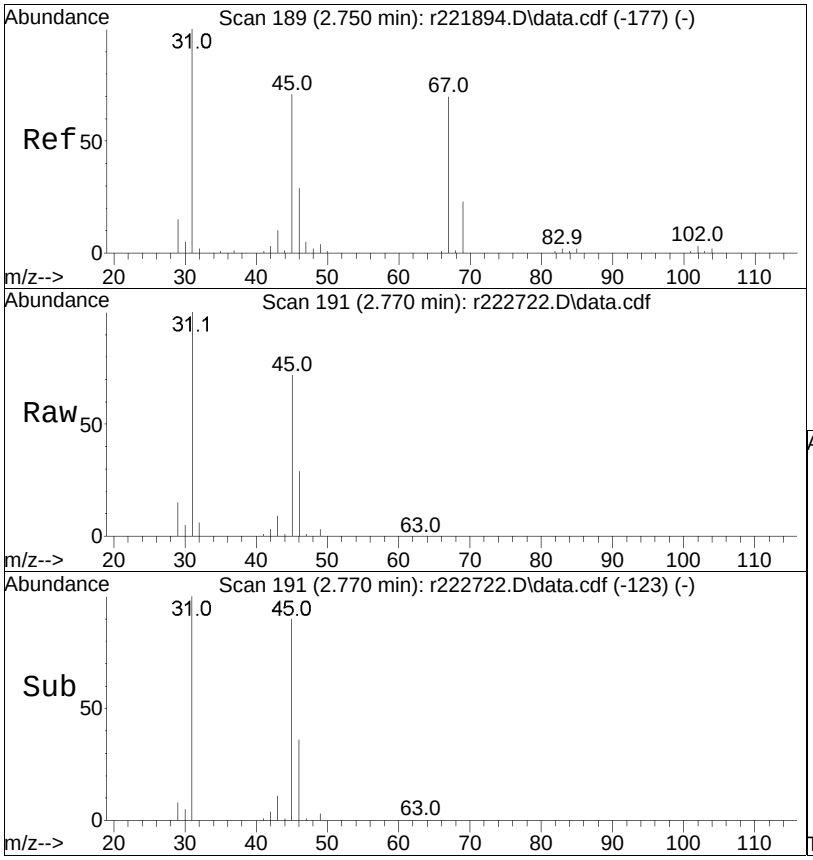


#6
chloromethane
Concen: 0.11 ppbV
RT: 2.325 min Scan# 104
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 50 Resp: 1075

Ion	Ratio	Lower	Upper
50	100		
52	34.5	25.5	38.3

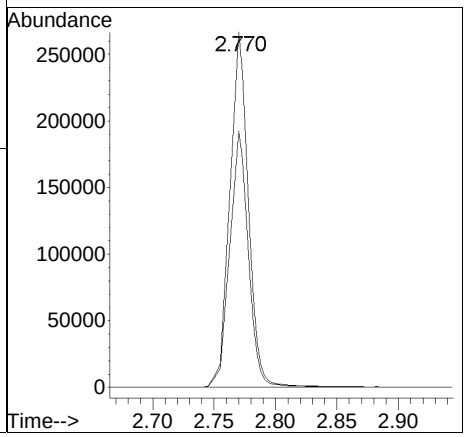


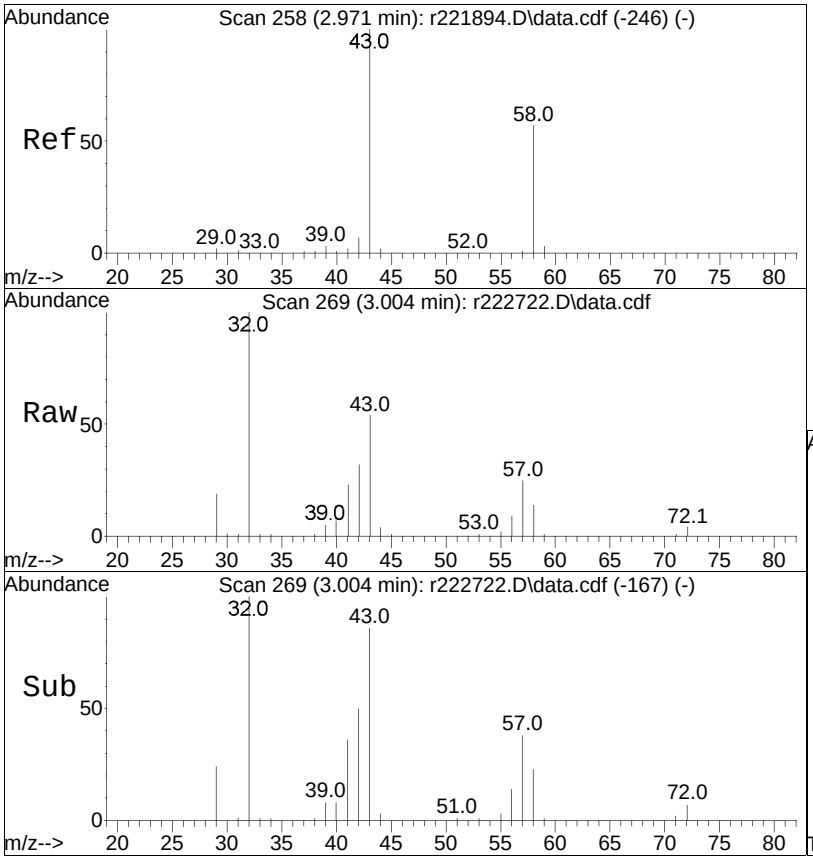


#15
ethanol
Concen: 59.48 ppbV
RT: 2.770 min Scan# 191
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 31 Resp: 207503

Ion	Ratio	Lower	Upper
31	100		
45	72.2	56.6	84.8

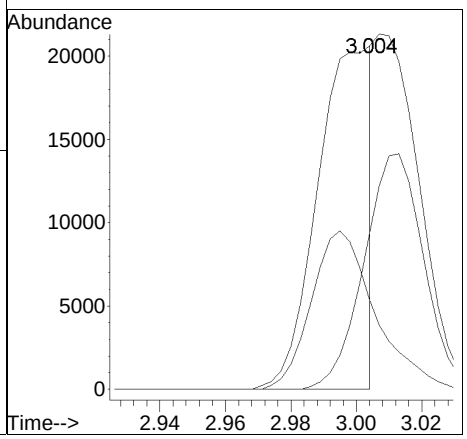


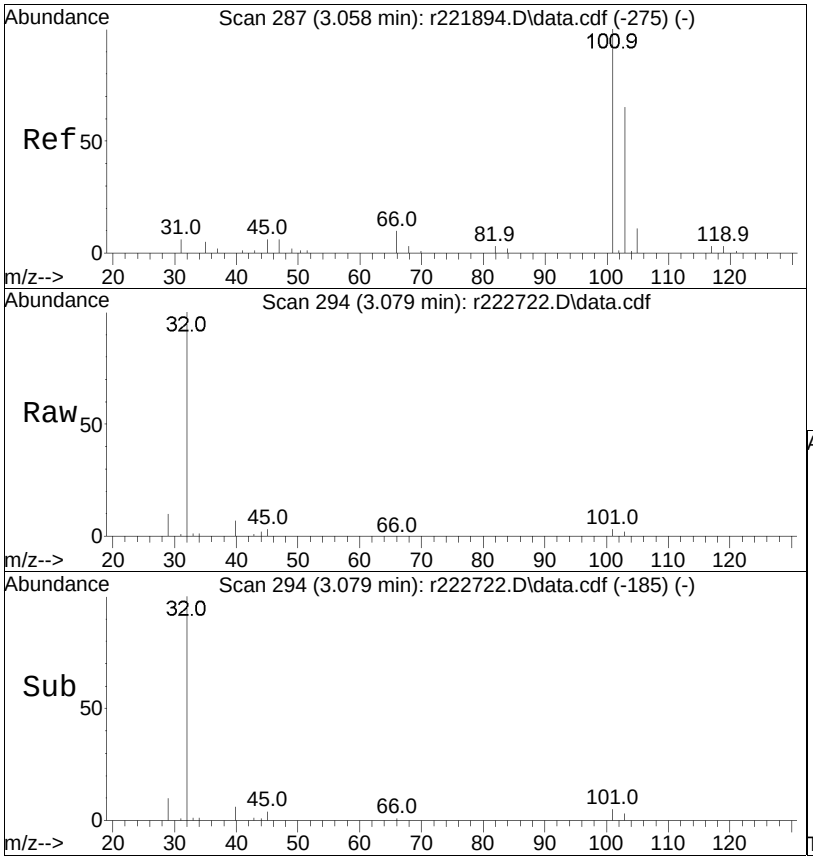


#19
acetone
Concen: 3.36 ppbV m
RT: 3.004 min Scan# 269
Delta R.T. 0.033 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 43 Resp: 23468

Ion	Ratio	Lower	Upper
43	100		
58	26.2	45.5	68.3#
57	45.2	1.0	1.6#

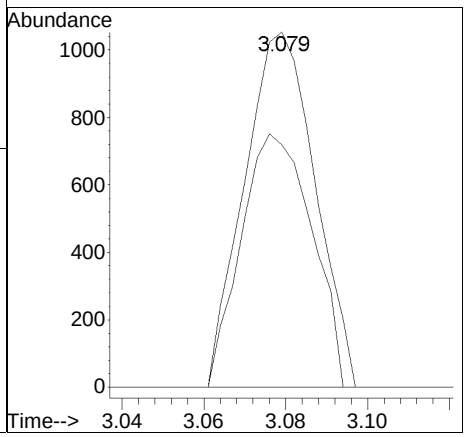


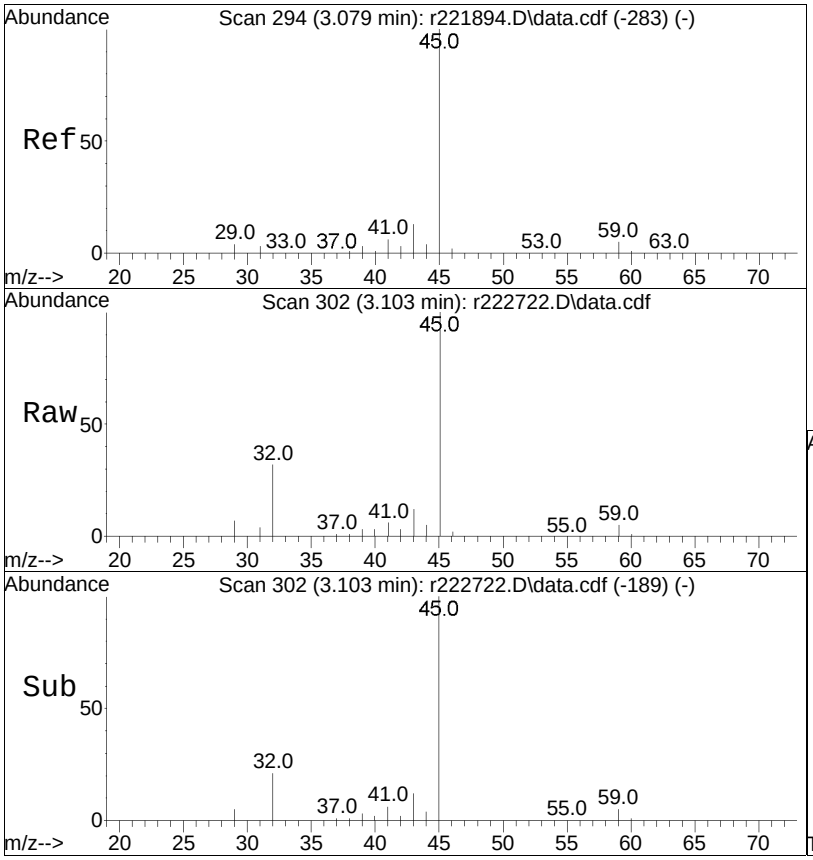


#21
trichlorofluoromethane
Concen: 0.14 ppbV
RT: 3.079 min Scan# 294
Delta R.T. 0.021 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion:101 Resp: 1264

Ion	Ratio	Lower	Upper
101	100		
103	68.3	52.2	78.4

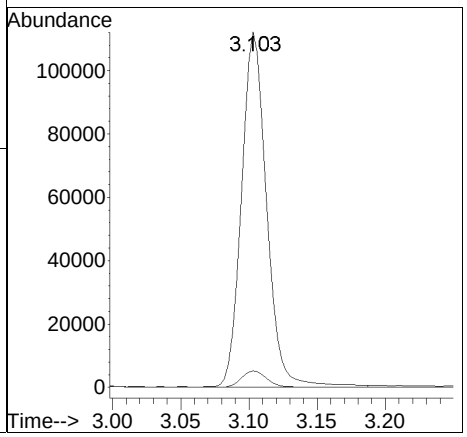


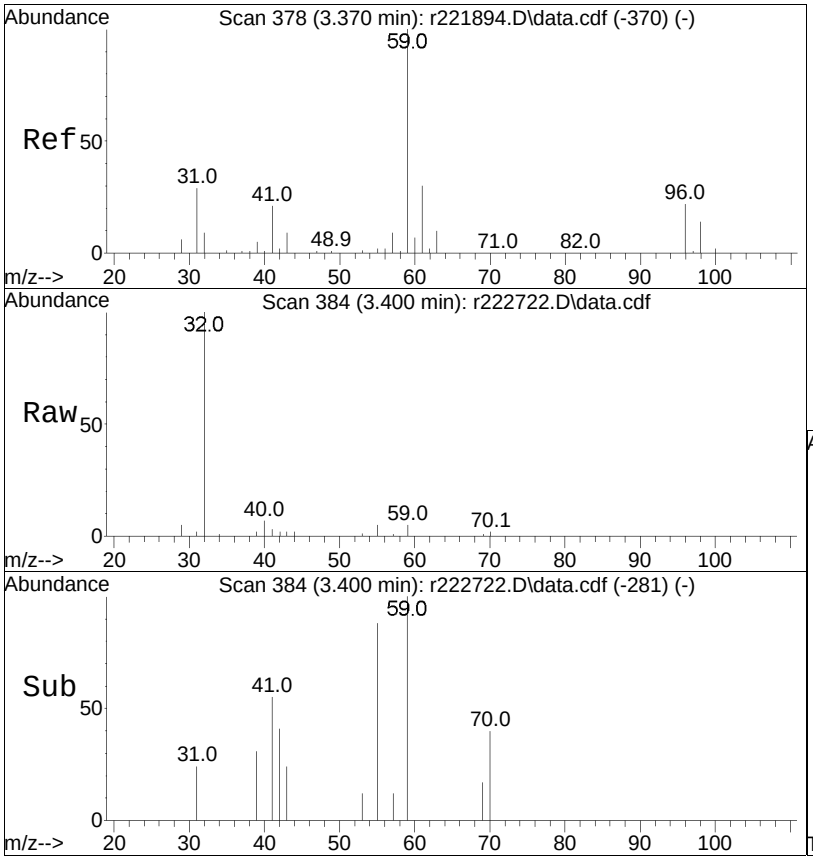


#22
isopropyl alcohol
Concen: 12.47 ppbV
RT: 3.103 min Scan# 302
Delta R.T. 0.024 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 45 Resp: 144526

Ion	Ratio	Lower	Upper
45	100		
59	4.7	4.0	6.0

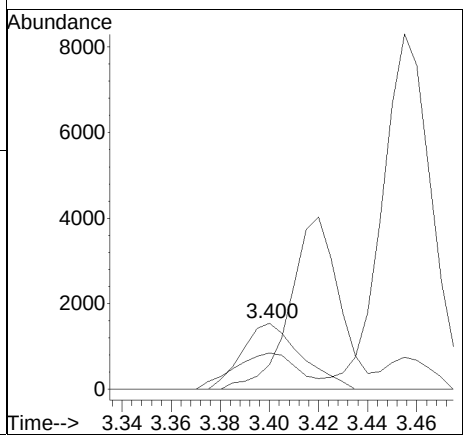


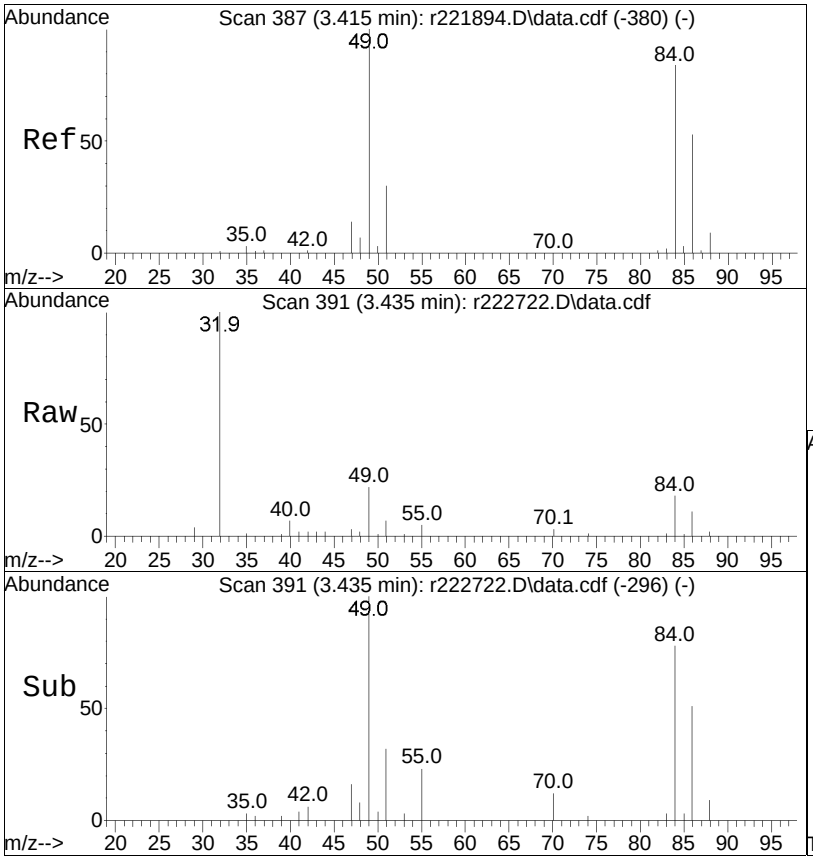


#27
tertiary butyl alcohol
Concen: 0.10 ppbV
RT: 3.400 min Scan# 384
Delta R.T. 0.030 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 59 Resp: 2591

Ion	Ratio	Lower	Upper
59	100		
41	55.1	16.9	25.3#
43	37.4	7.5	11.3#

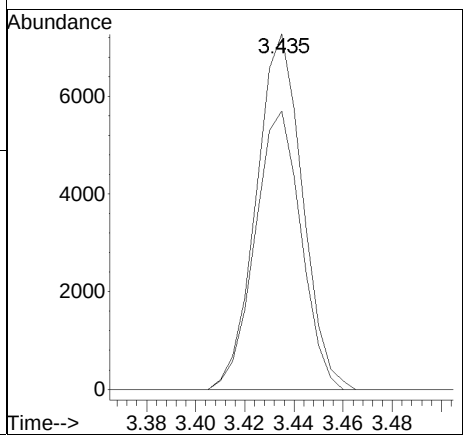


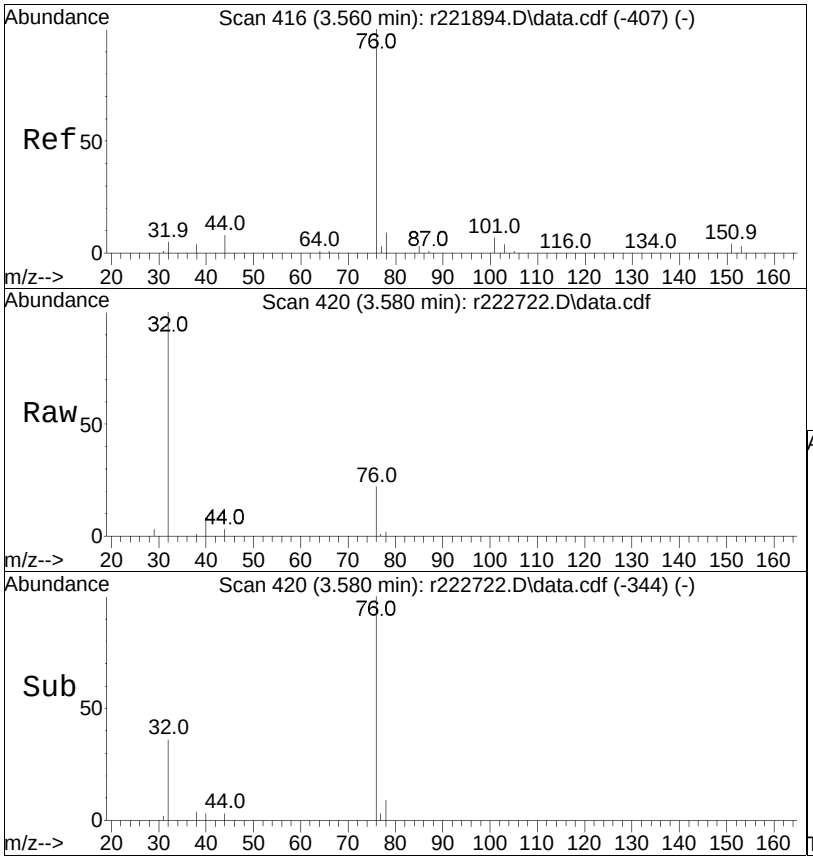


#28
methylene chloride
Concen: 0.55 ppbV
RT: 3.435 min Scan# 391
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 49 Resp: 9511

Ion	Ratio	Lower	Upper
49	100		
84	78.3	67.2	100.8

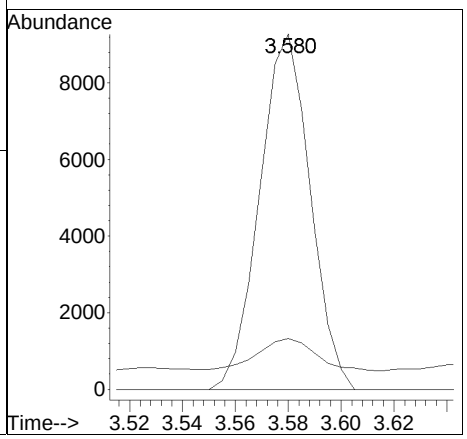


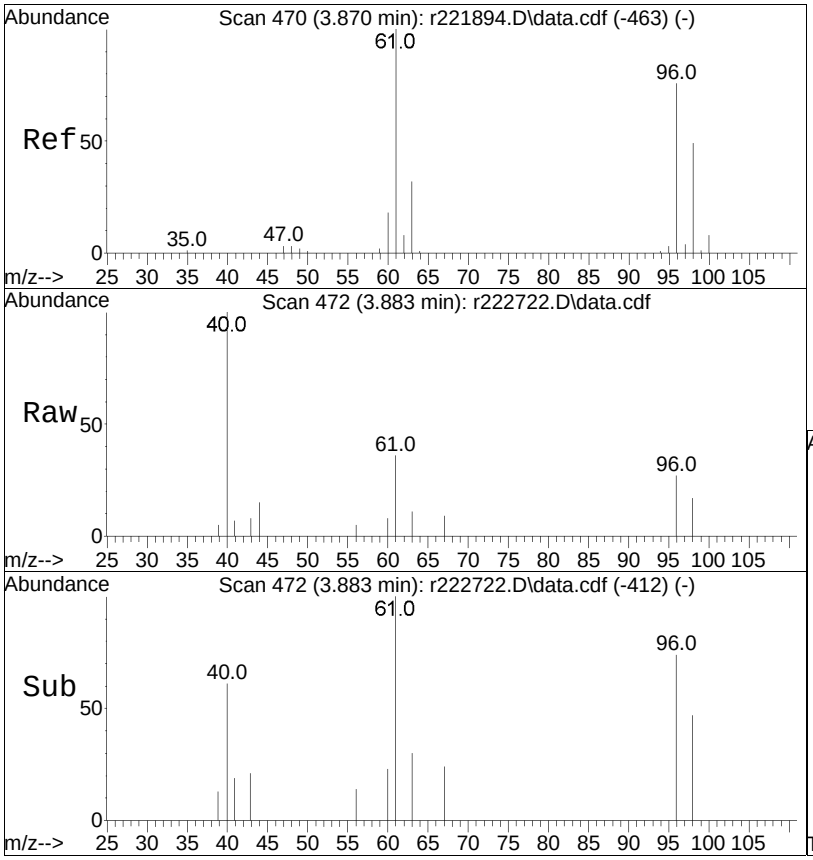


#30
carbon disulfide
Concen: 0.26 ppbV
RT: 3.580 min Scan# 420
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 76 Resp: 12320

Ion	Ratio	Lower	Upper
76	100		
44	14.3	6.8	10.2#

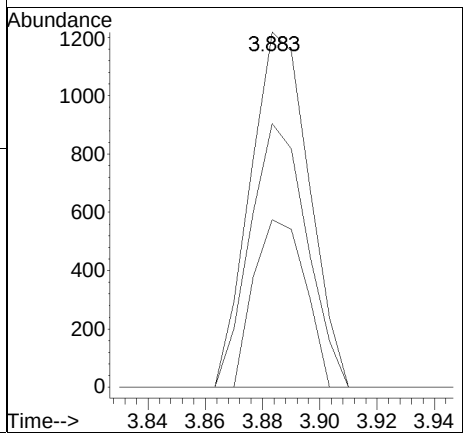


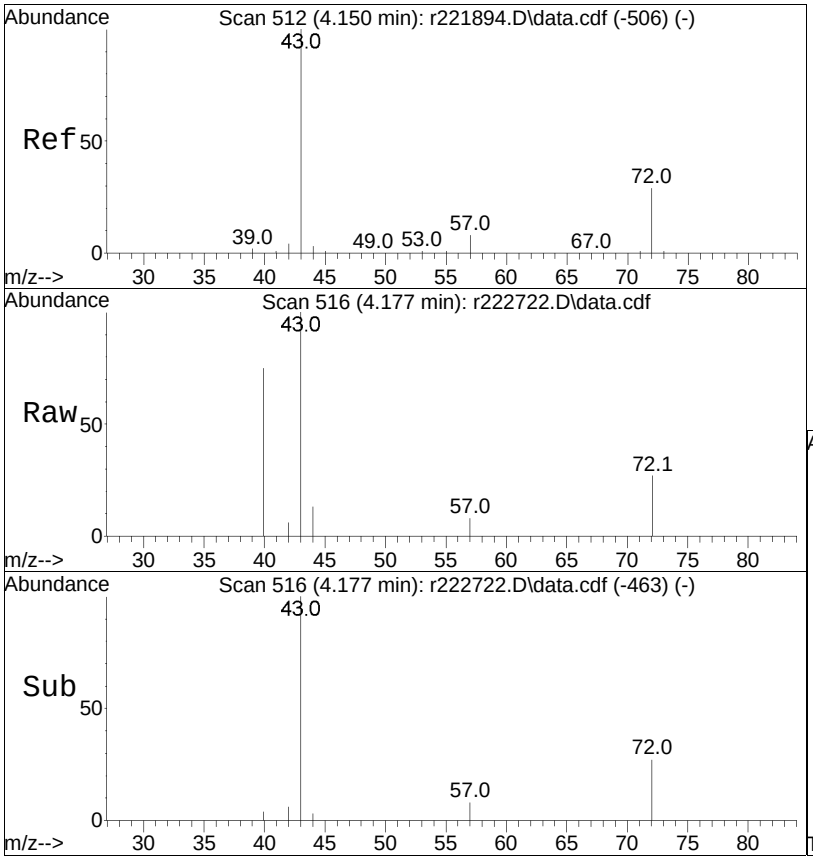


#32
trans-1,2-dichloroethene
Concen: 0.08 ppbV
RT: 3.883 min Scan# 472
Delta R.T. 0.013 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 61 Resp: 1744

Ion	Ratio	Lower	Upper
61	100		
96	74.2	61.0	91.6
98	47.2	39.0	58.6

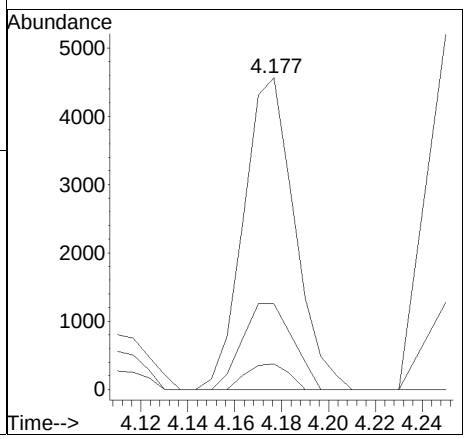


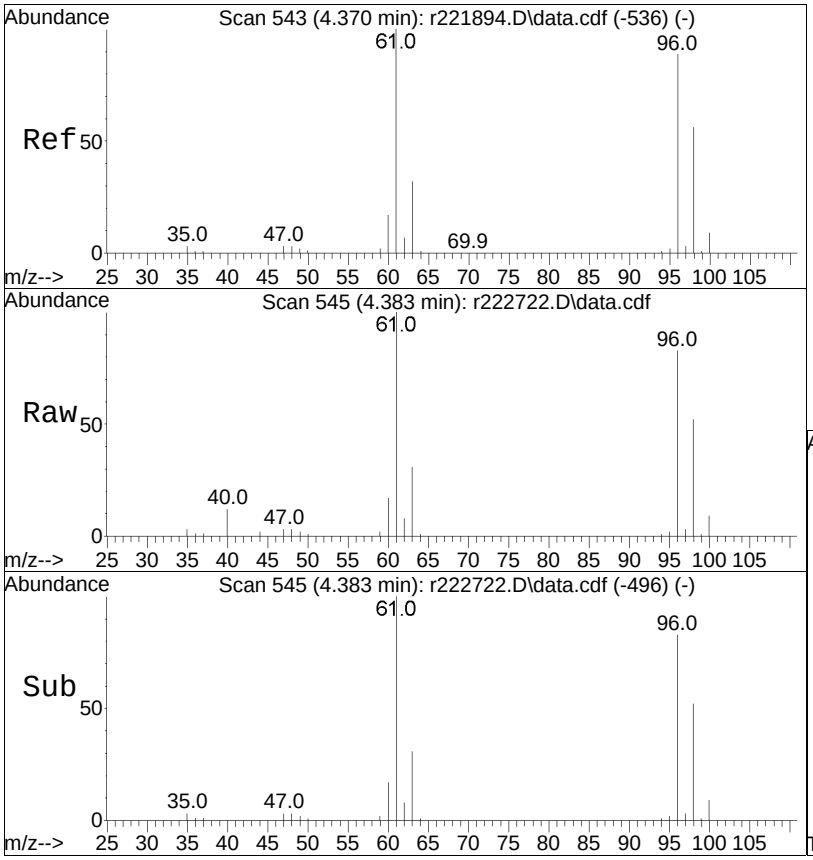


#36
2-butanone
Concen: 0.20 ppbV
RT: 4.177 min Scan# 516
Delta R.T. 0.027 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 43 Resp: 6913

Ion	Ratio	Lower	Upper
43	100		
72	27.4	23.0	34.6
57	8.2	6.3	9.5

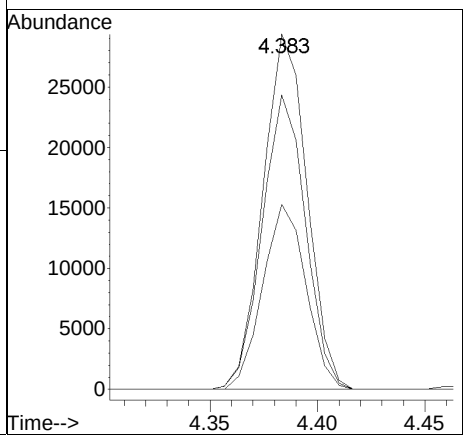


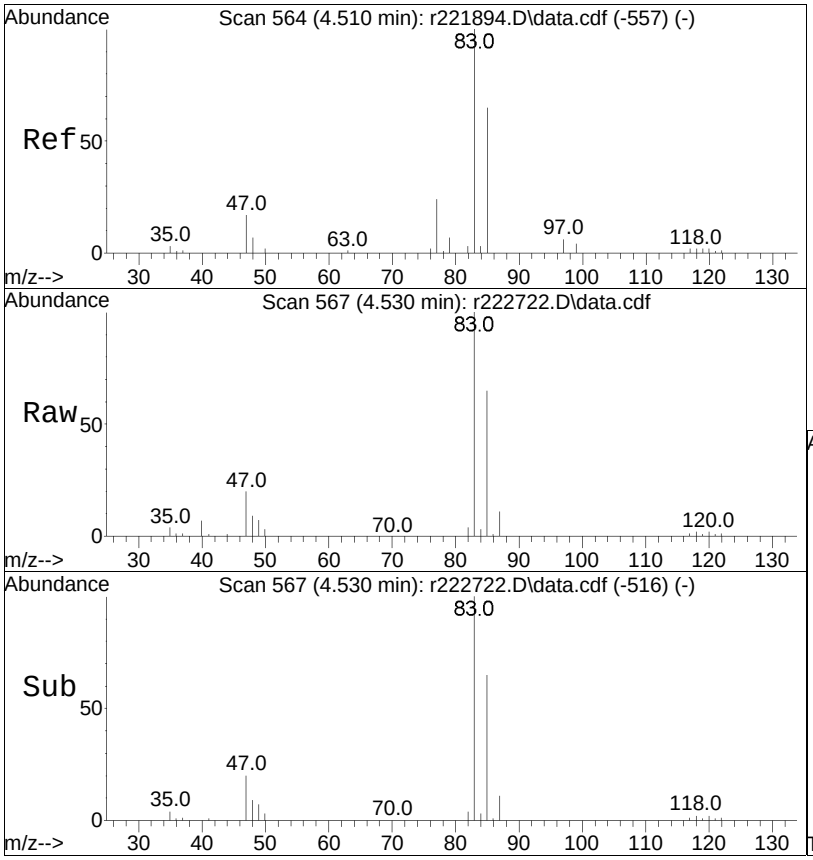


#37
cis-1,2-dichloroethene
Concen: 2.08 ppbV
RT: 4.383 min Scan# 545
Delta R.T. 0.013 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 61 Resp: 41910

Ion	Ratio	Lower	Upper
61	100		
96	82.8	71.0	106.4
98	52.1	44.8	67.2

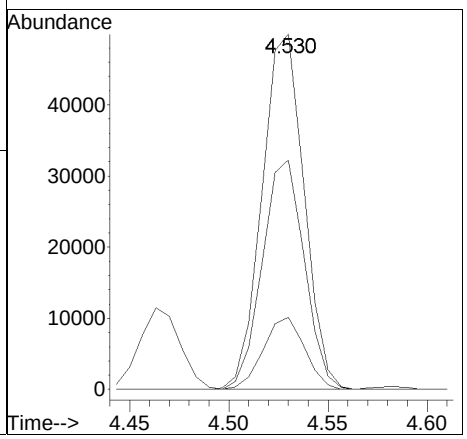


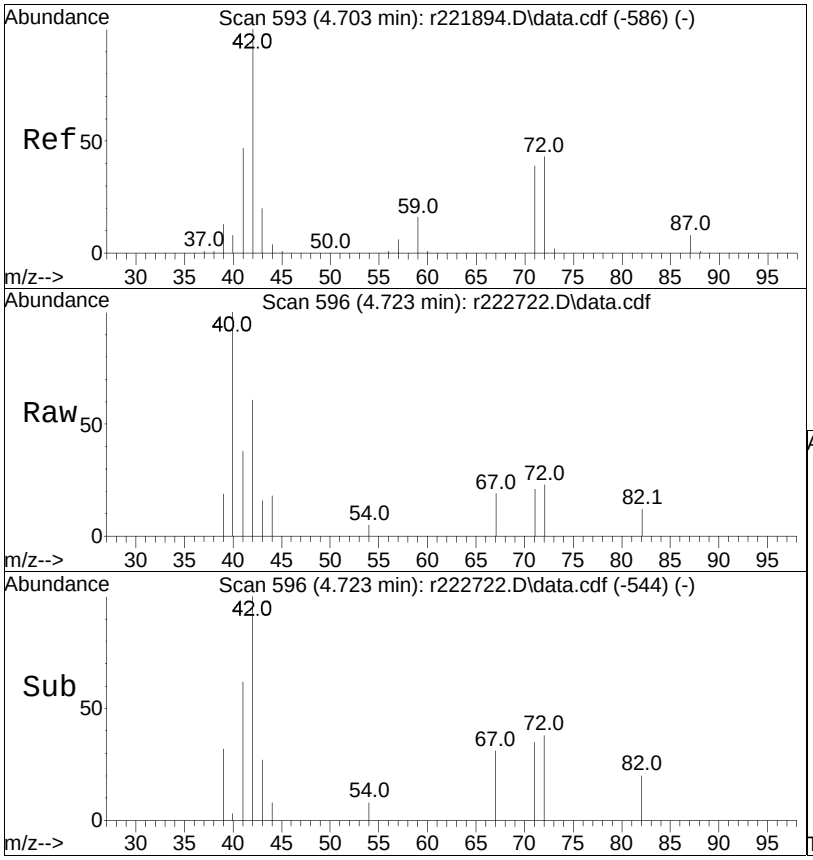


#39
chloroform
Concen: 2.95 ppbV
RT: 4.530 min Scan# 567
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 83 Resp: 73570

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	79.0
47	20.3	15.1	22.7

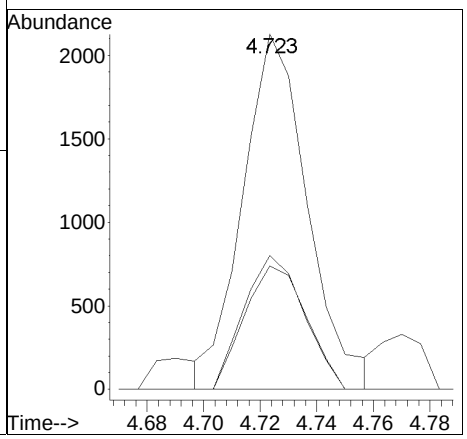


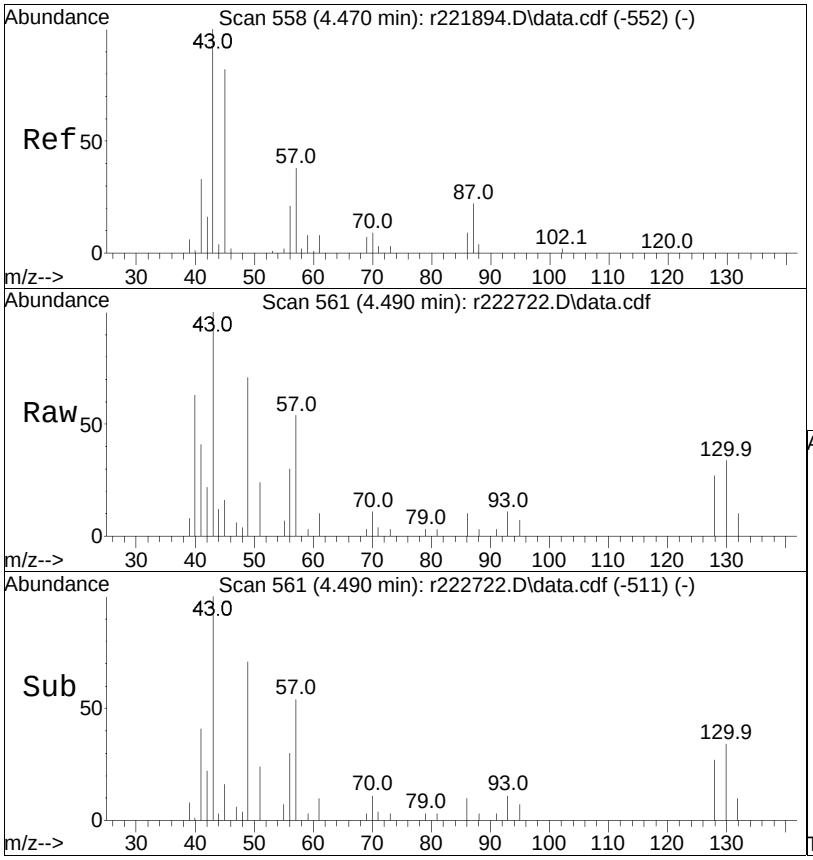


#40
Tetrahydrofuran
Concen: 0.15 ppbV m
RT: 4.723 min Scan# 596
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 42 Resp: 3391

Ion	Ratio	Lower	Upper
42	100		
71	34.7	31.4	47.2
72	37.7	34.3	51.5

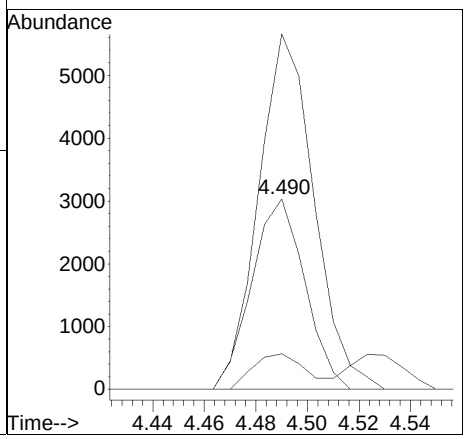


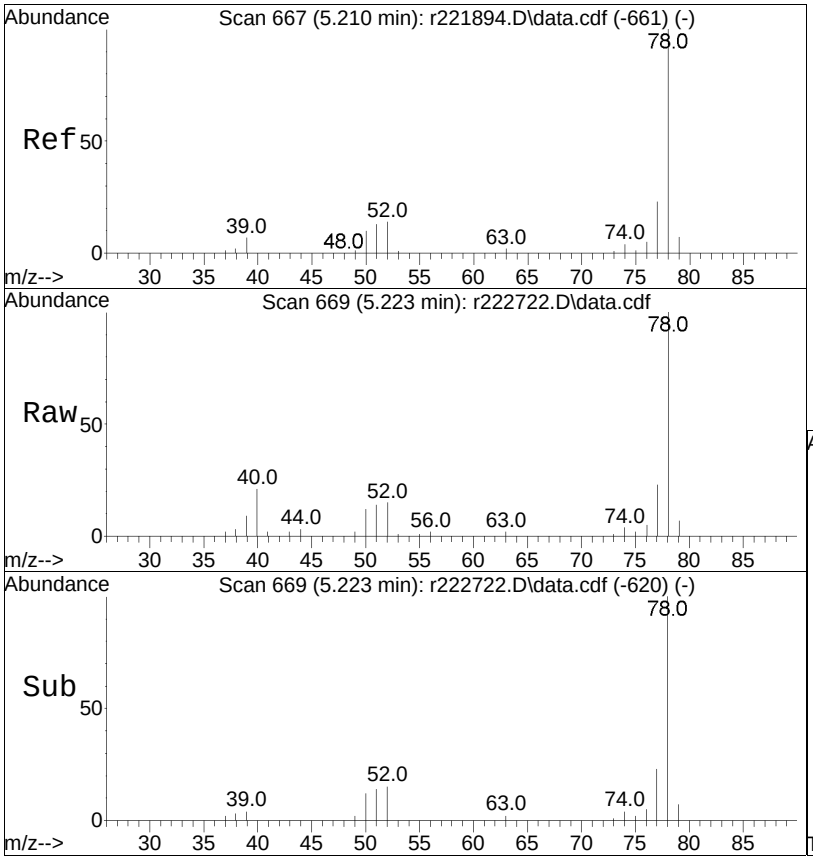


#44
hexane
Concen: 0.18 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 57 Resp: 4346

Ion	Ratio	Lower	Upper
57	100		
43	186.7	210.8	316.2#
86	18.7	17.9	26.9

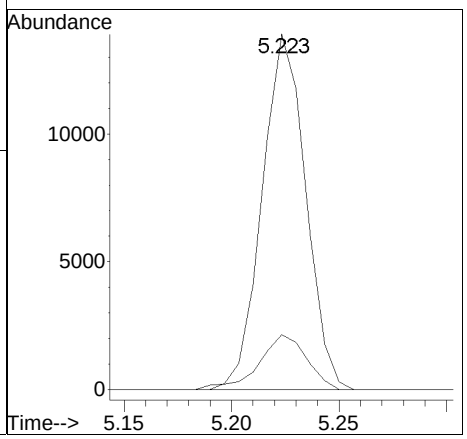


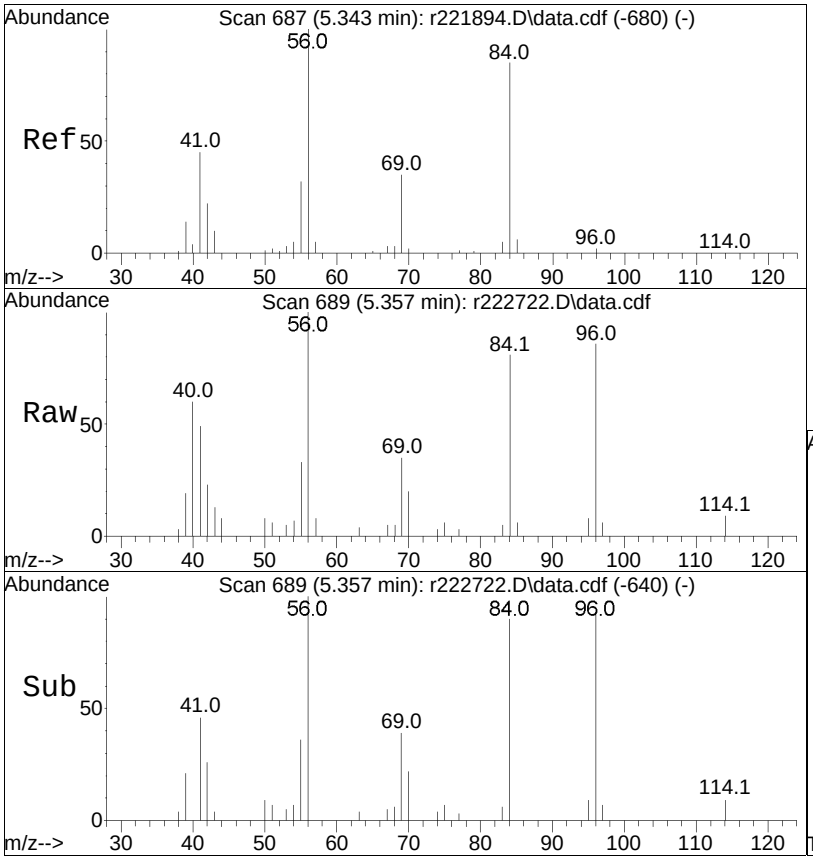


#50
benzene
Concen: 0.38 ppbV
RT: 5.223 min Scan# 669
Delta R.T. 0.013 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 78 Resp: 19588

Ion	Ratio	Lower	Upper
78	100		
52	15.4	11.3	16.9

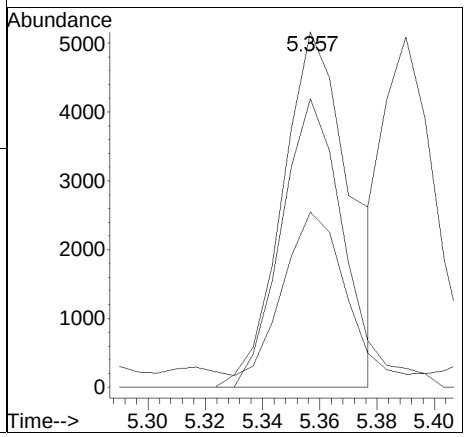


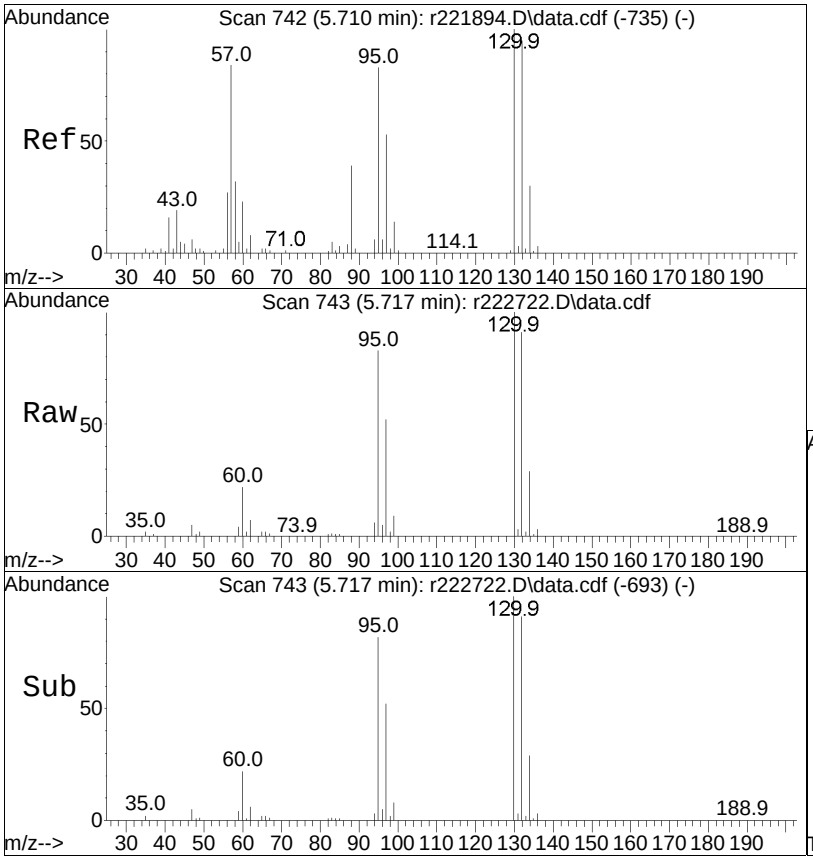


#53
cyclohexane
Concen: 0.31 ppbV
RT: 5.357 min Scan# 689
Delta R.T. 0.013 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 56 Resp: 8541

Ion	Ratio	Lower	Upper
56	100		
84	81.2	70.9	106.3
41	49.4	35.8	53.6

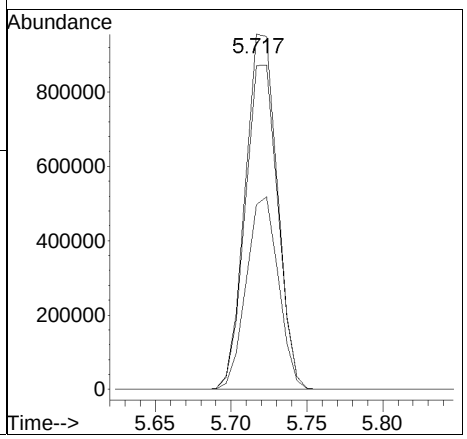


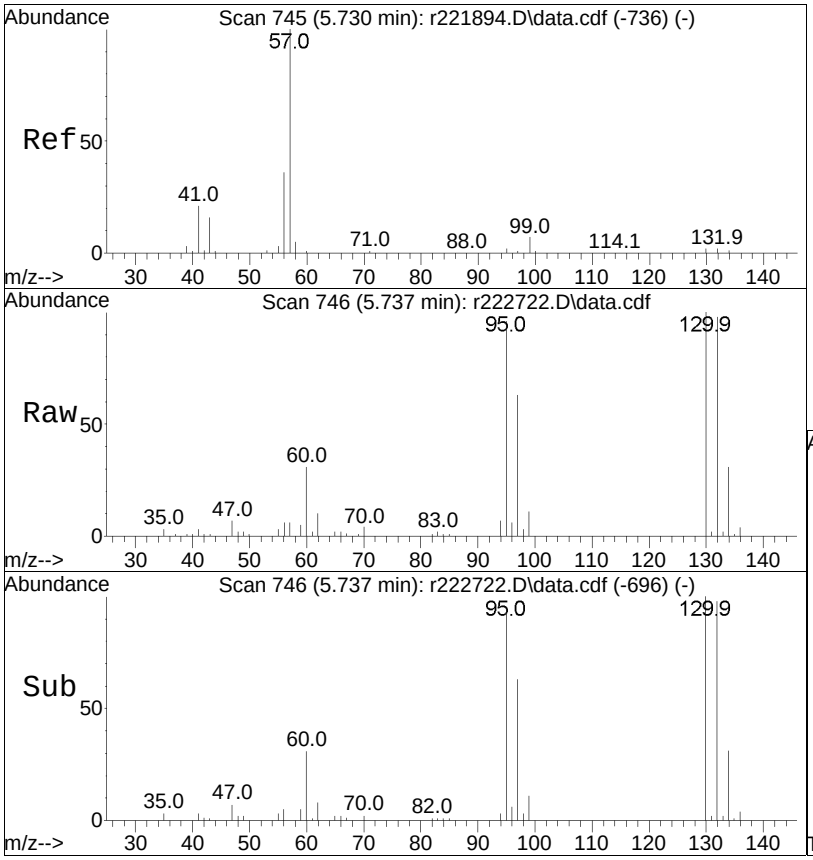


#59
trichloroethene
Concen: 69.79 ppbV
RT: 5.717 min Scan# 743
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion:130 Resp: 1418224

Ion	Ratio	Lower	Upper
130	100		
132	91.1	75.9	113.9
97	52.0	42.5	63.7

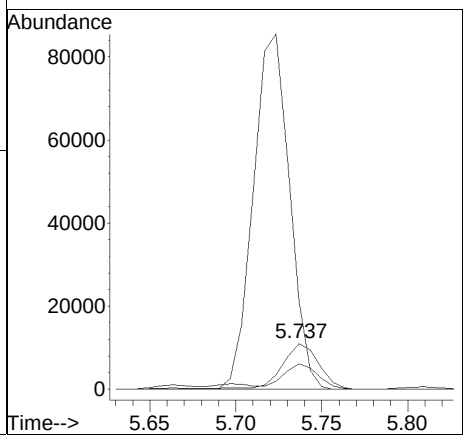


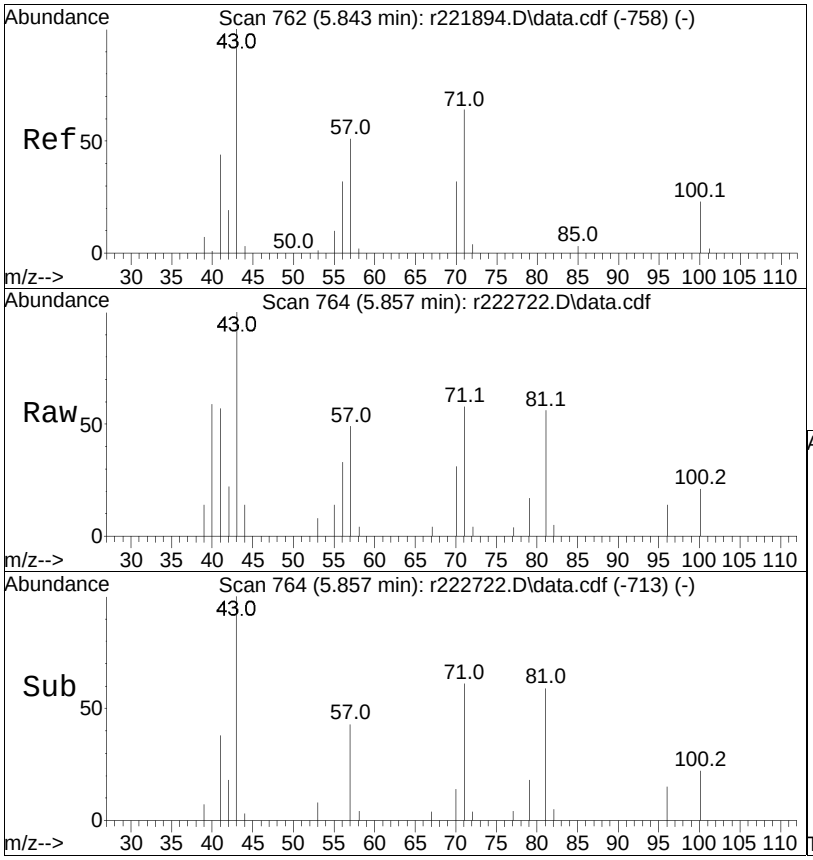


#60
2,2,4-trimethylpentane
Concen: 0.21 ppbV
RT: 5.737 min Scan# 746
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 57 Resp: 16620

Ion	Ratio	Lower	Upper
57	100		
99	194.5	5.7	8.5#
41	56.1	16.9	25.3#

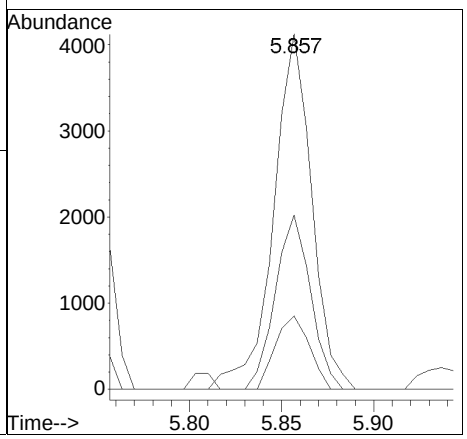


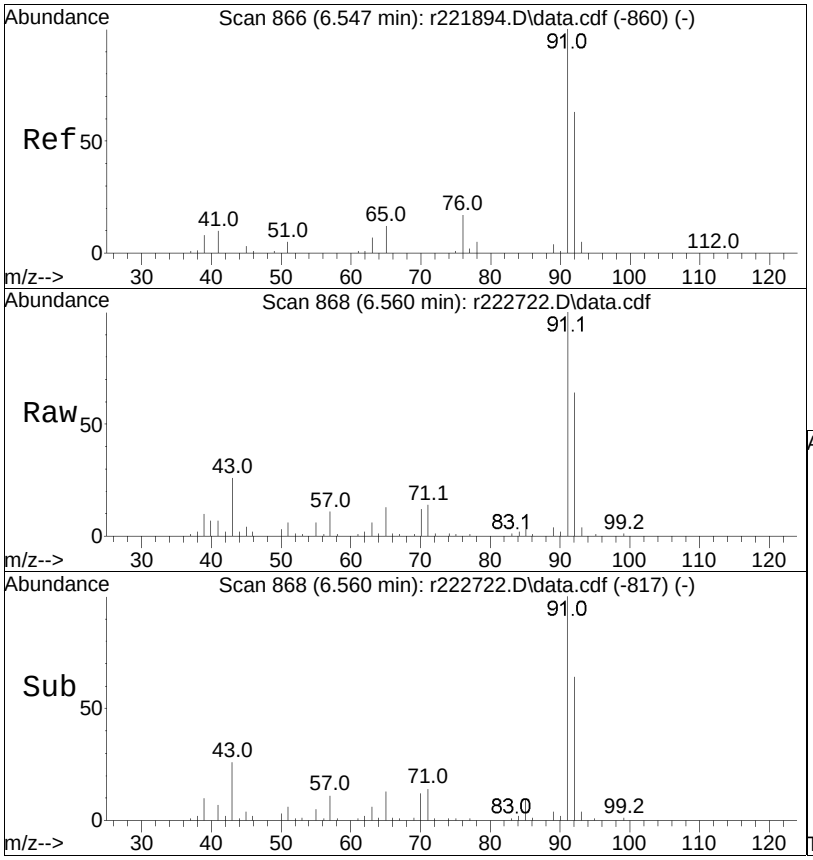


#62
heptane
Concen: 0.19 ppbV
RT: 5.857 min Scan# 764
Delta R.T. 0.013 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 43 Resp: 5975

Ion	Ratio	Lower	Upper
43	100		
57	49.1	40.4	60.6
100	20.7	19.0	28.6

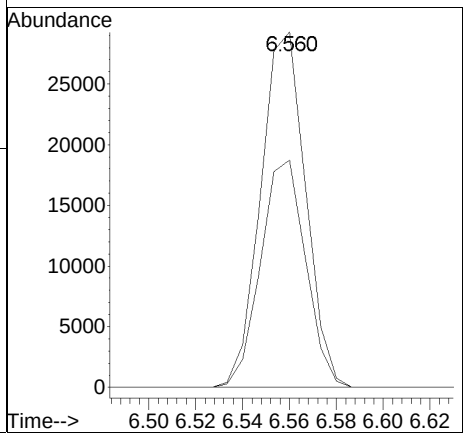


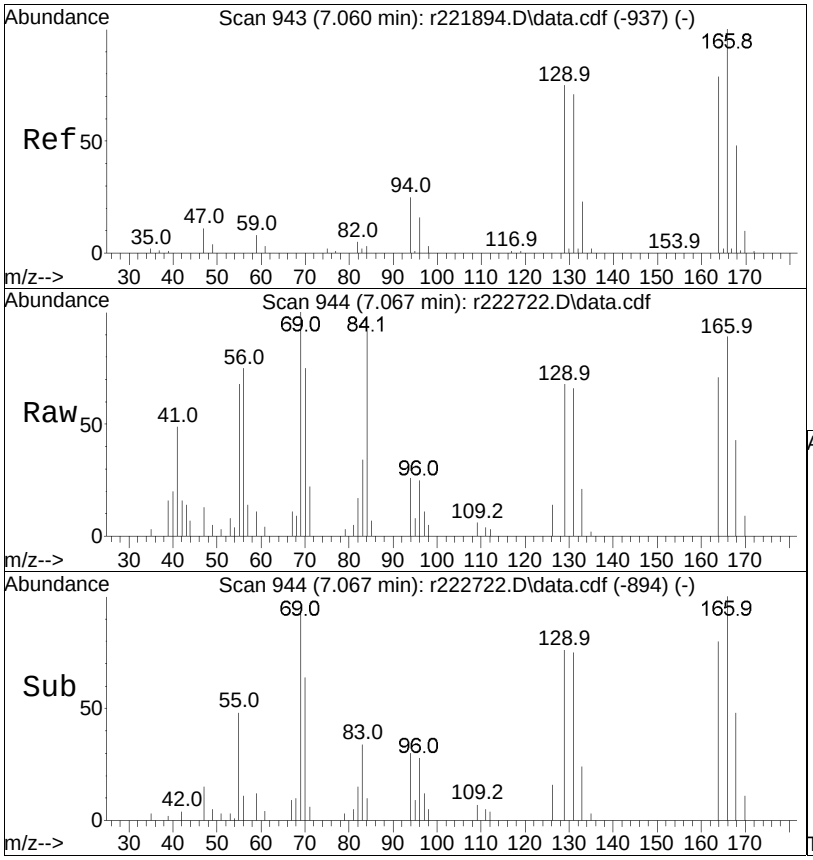


#68
toluene
Concen: 0.50 ppbV
RT: 6.560 min Scan# 868
Delta R.T. 0.013 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 91 Resp: 39022

Ion	Ratio	Lower	Upper
91	100		
92	64.0	50.7	76.1

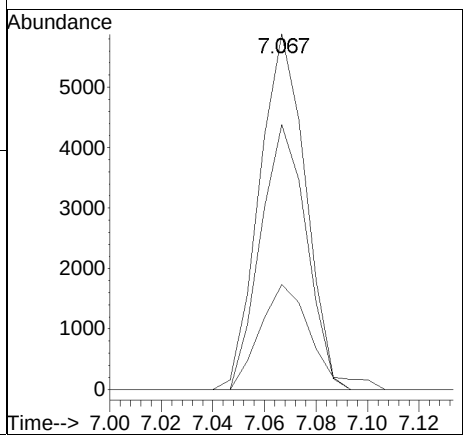


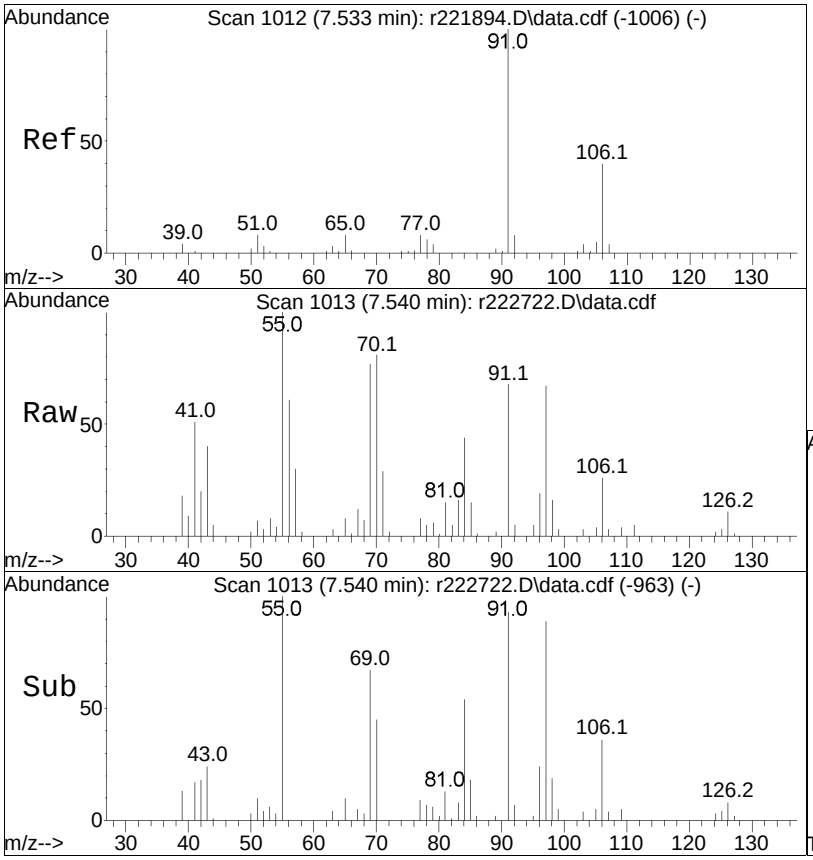


#78
tetrachloroethene
Concen: 0.24 ppbV
RT: 7.067 min Scan# 944
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion:166 Resp: 7306

Ion	Ratio	Lower	Upper
166	100		
131	74.5	56.9	85.3
94	29.5	19.8	29.8

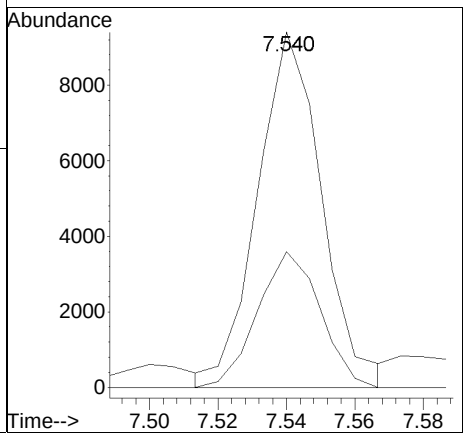


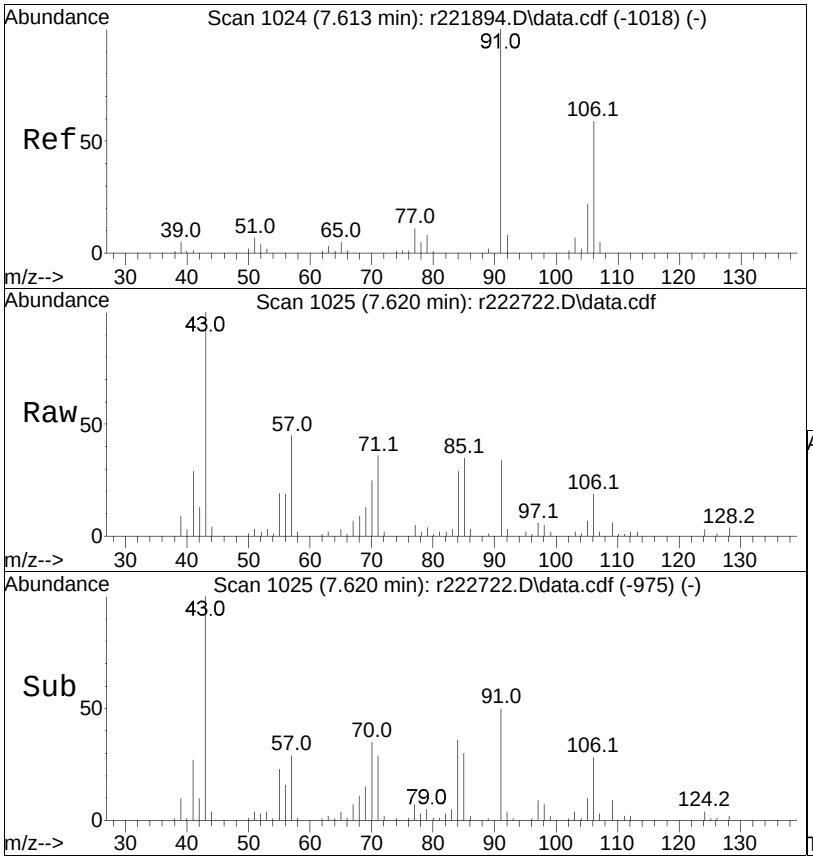


#81
ethylbenzene
Concen: 0.13 ppbV m
RT: 7.540 min Scan# 1013
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 91 Resp: 12224

Ion	Ratio	Lower	Upper
91	100		
106	38.2	31.7	47.5

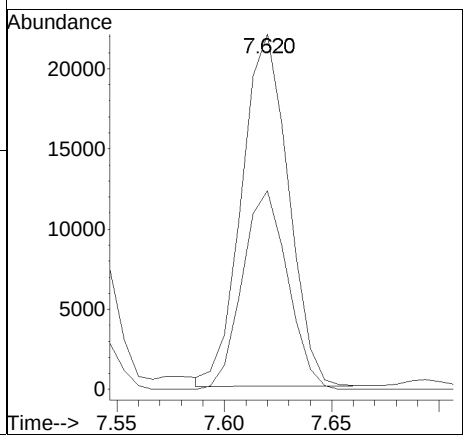


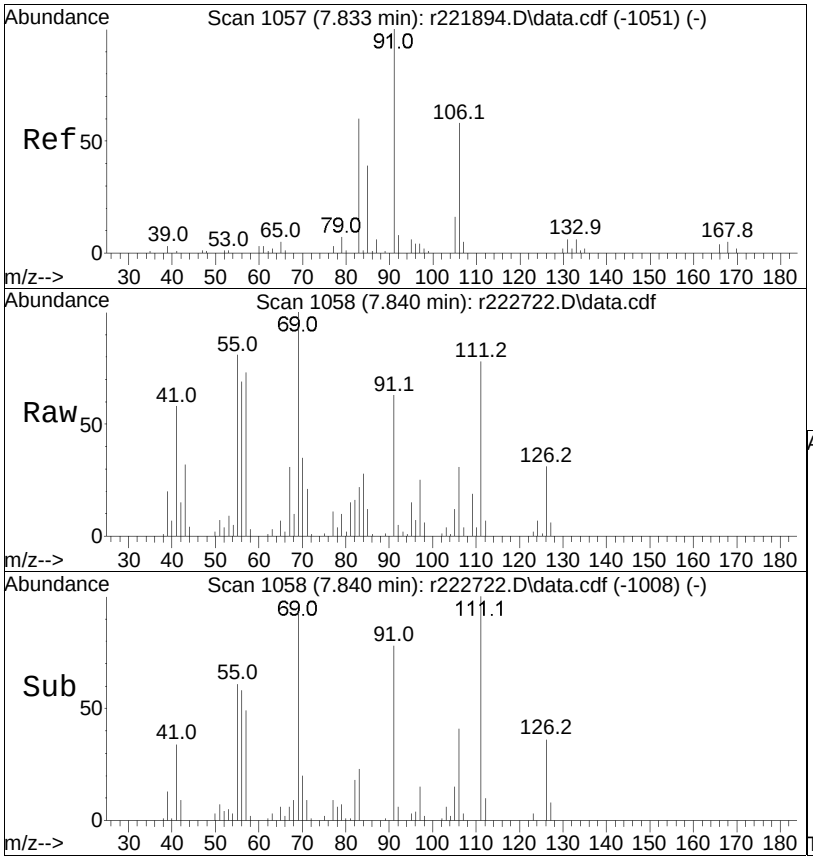


#83
m+p-xylene
Concen: 0.45 ppbV
RT: 7.620 min Scan# 1025
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 91 Resp: 33236

Ion	Ratio	Lower	Upper
91	100		
106	55.9	47.4	71.2

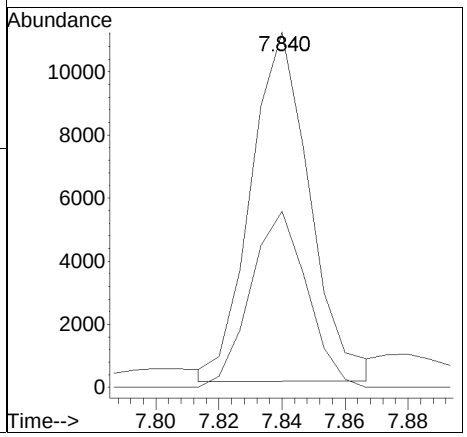


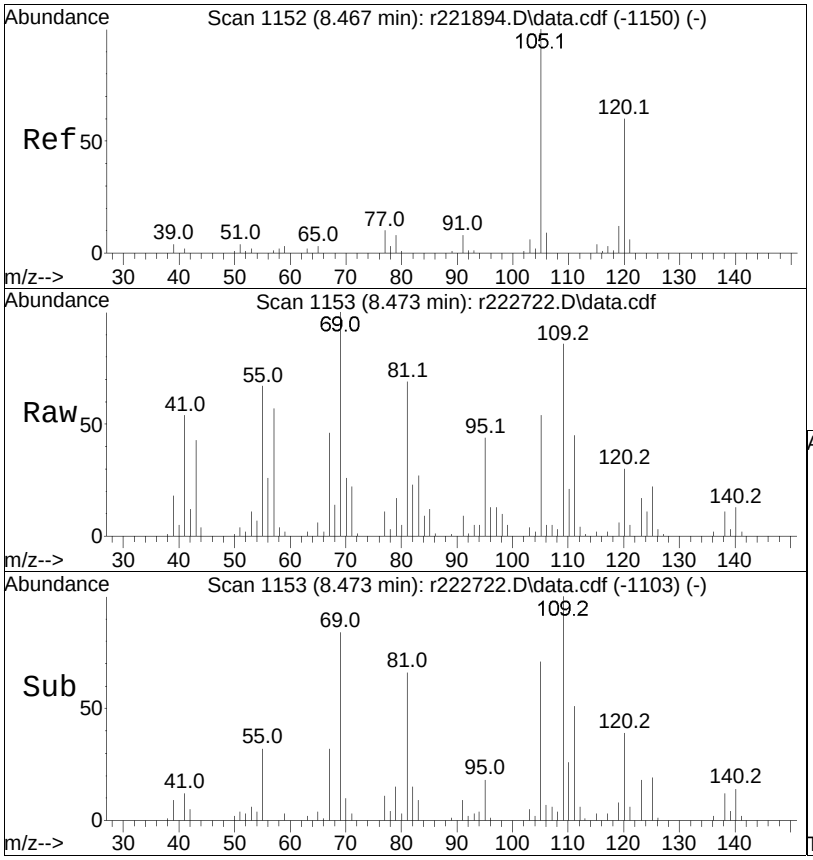


#87
o-xylene
Concen: 0.20 ppbV m
RT: 7.840 min Scan# 1058
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion: 91 Resp: 14408

Ion	Ratio	Lower	Upper
91	100		
106	49.6	46.2	69.4

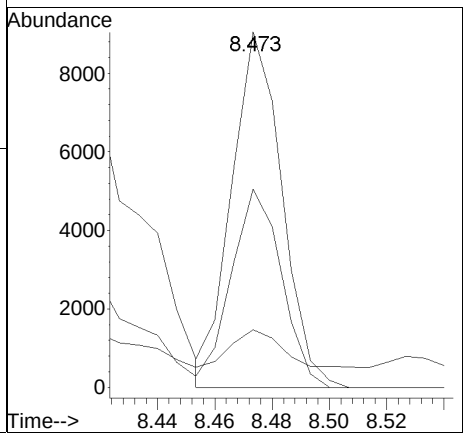


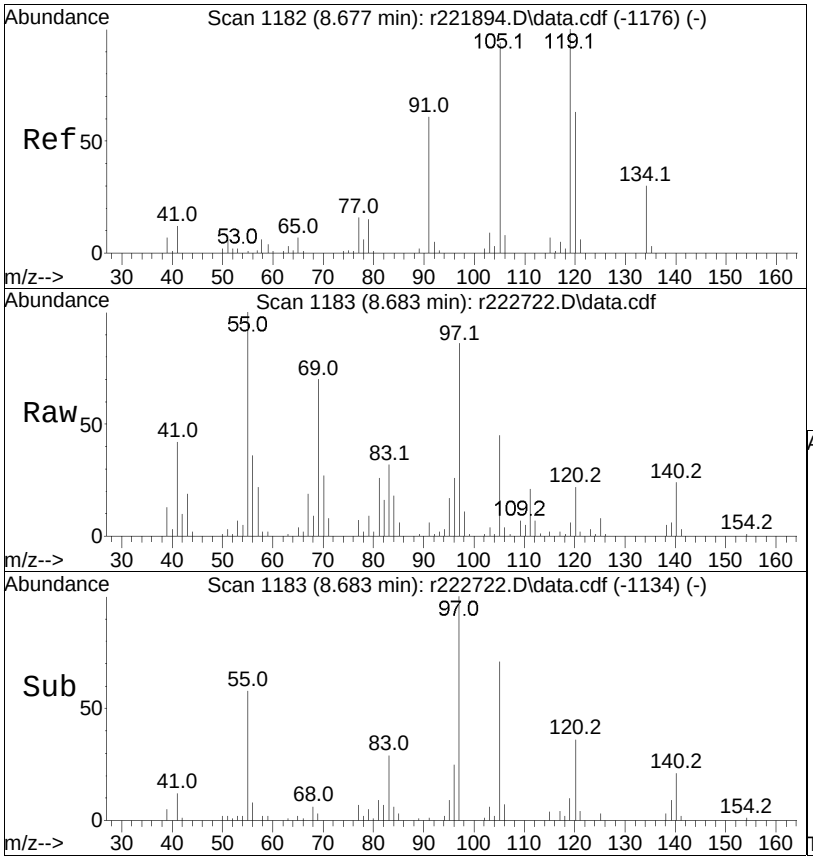


#97
1,3,5-trimethylbenzene
Concen: 0.13 ppbV
RT: 8.473 min Scan# 1153
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion:105 Resp: 11015

Ion	Ratio	Lower	Upper
105	100		
120	55.8	47.8	71.8
91	16.2	6.6	10.0#

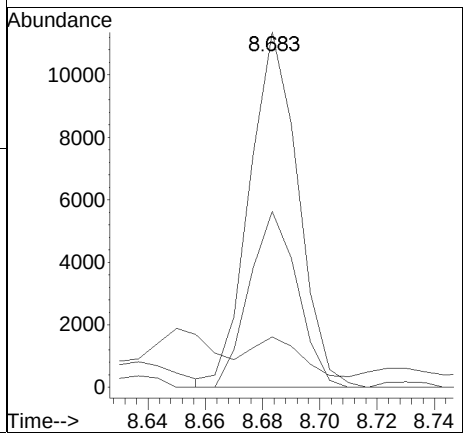




#99
1,2,4-trimethylbenzene
Concen: 0.16 ppbV
RT: 8.683 min Scan# 1183
Delta R.T. 0.007 min
Lab File: r222722.D
Acq: 29 Feb 2024 2:21 AM

Tgt Ion:105 Resp: 13453

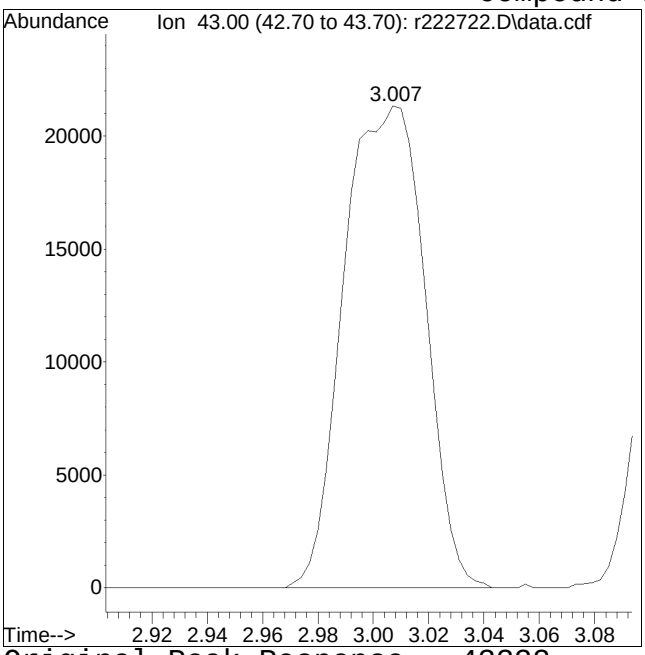
Ion	Ratio	Lower	Upper
105	100		
120	49.5	53.8	80.8#
91	14.2	52.2	78.2#



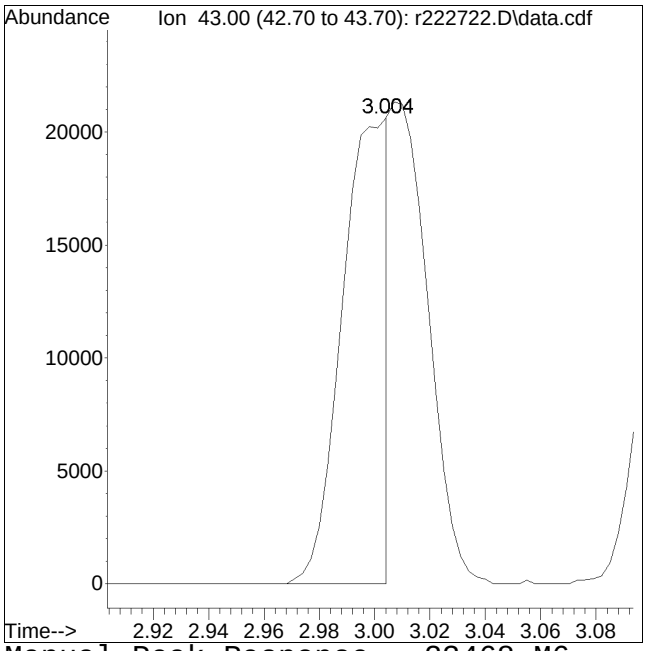
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22Q
Data File : r222722.D
Date Inj'd : 2/29/2020 0:2: 1
Sample : L2409115-02D,3,126.71,250
Method : TFS22_231129.M
Operator : AIRLAB22:JMB
Instrument :
Quant Date : 2/29/2024 6:41 am

Compound #19: acetone



Original Peak Response = 43332



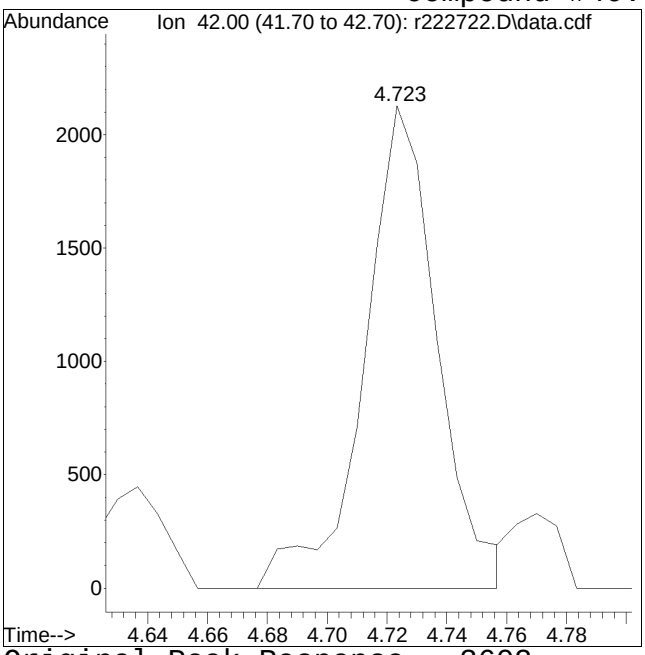
Manual Peak Response = 23468 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

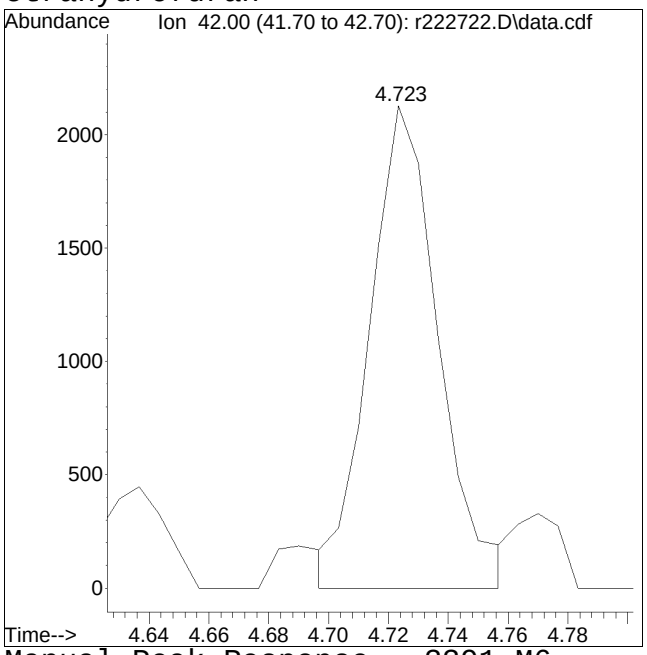
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222722.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 1 Instrument :
Sample : L2409115-02D,3,126.71,250 Quant Date : 2/29/2024 6:41 am

Compound #40: Tetrahydrofuran



Original Peak Response = 3602



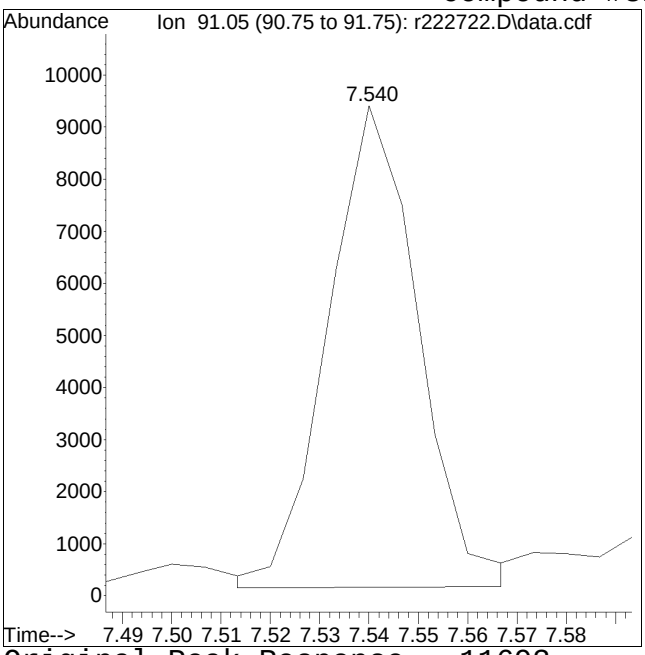
Manual Peak Response = 3391 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

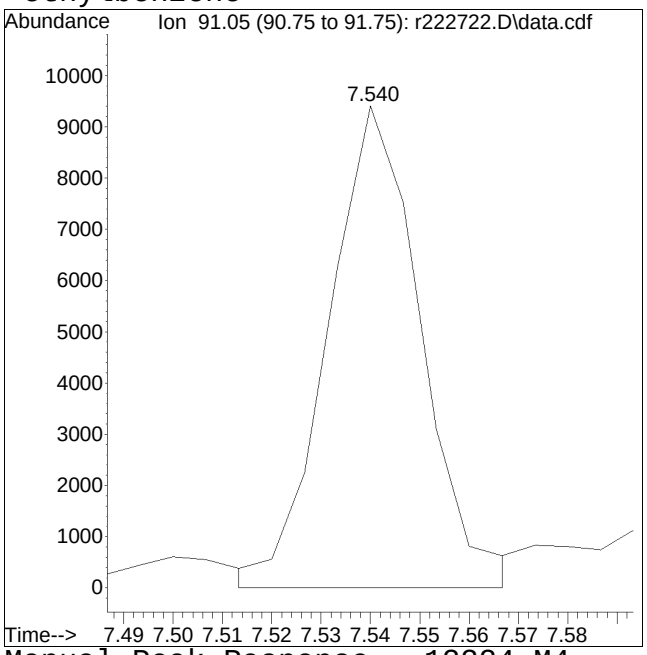
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222722.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 1 Instrument :
Sample : L2409115-02D,3,126.71,250 Quant Date : 2/29/2024 6:41 am

Compound #81: ethylbenzene



Original Peak Response = 11693



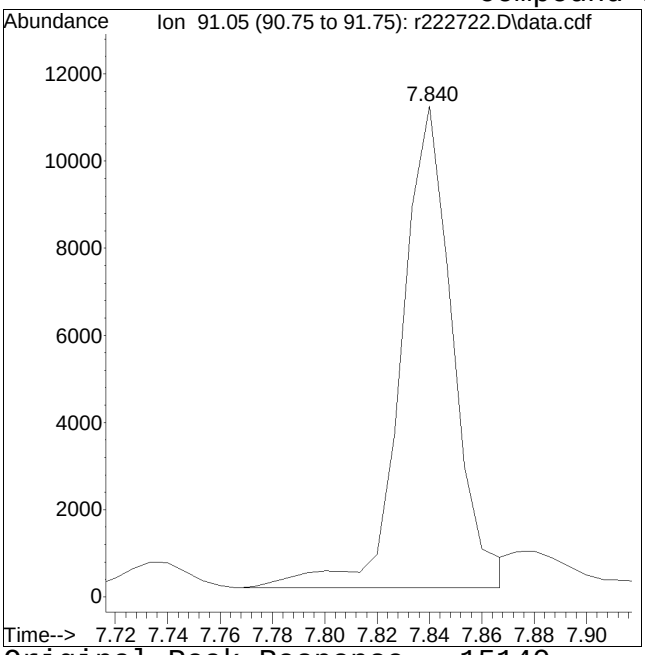
Manual Peak Response = 12224 M4

M4 = Poor automated baseline construction.

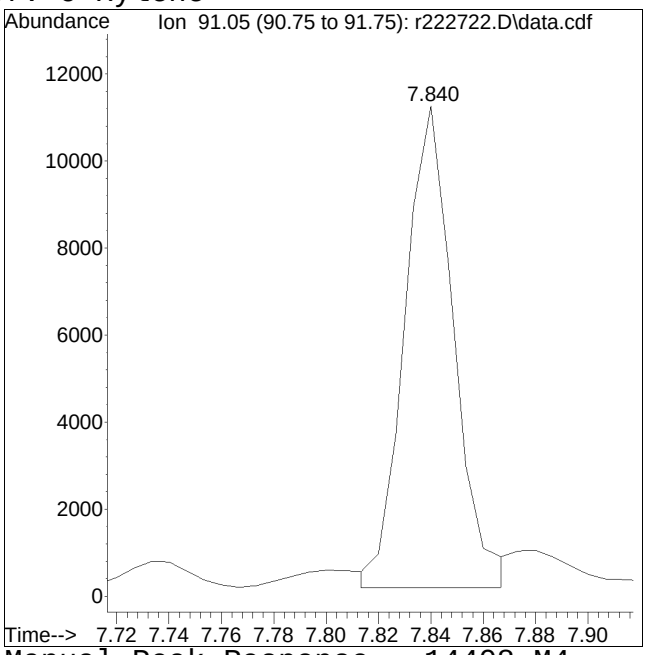
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222722.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 1 Instrument :
Sample : L2409115-02D,3,126.71,250 Quant Date : 2/29/2024 6:41 am

Compound #87: o-xylene



Original Peak Response = 15140



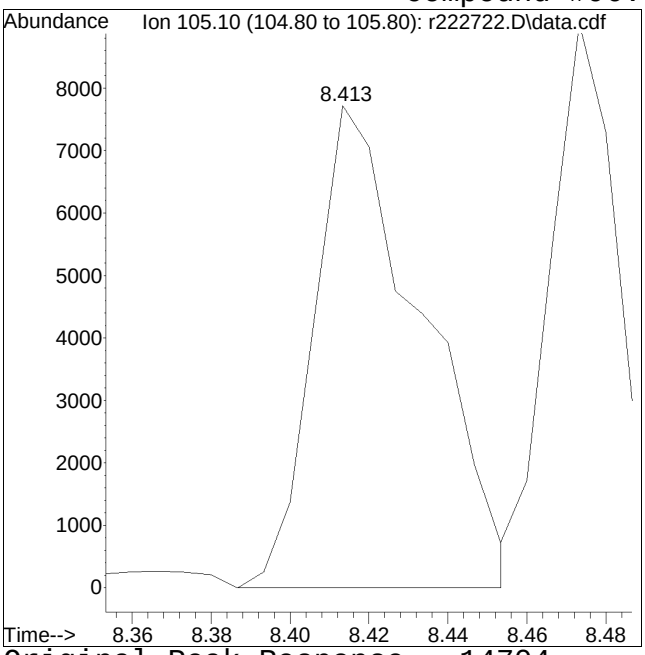
Manual Peak Response = 14408 M4

M4 = Poor automated baseline construction.

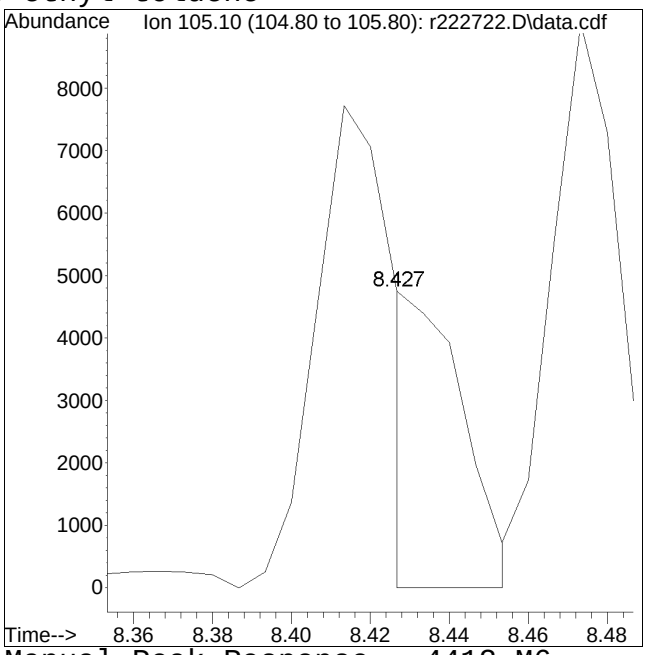
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222722.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 1 Instrument :
Sample : L2409115-02D,3,126.71,250 Quant Date : 2/29/2024 6:41 am

Compound #96: 4-ethyl toluene



Original Peak Response = 14704



Manual Peak Response = 4412 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222723.D
Acq On : 29 Feb 2024 2:52 AM
Operator : AIRLAB22:JMB
Sample : L2409115-03D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:12 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	4.463	49	217576	10.000	ppbV		0.01
Standard Area = 218491			Recovery = 99.58%				
43) 1,4-difluorobenzene	5.390	114	691536	10.000	ppbV		0.01
Standard Area = 693129			Recovery = 99.77%				
67) chlorobenzene-D5	7.353	54	88340	10.000	ppbV	#	0.00
Standard Area = 86392			Recovery = 102.25%				
System Monitoring Compounds							
Target Compounds							Qvalue
5) dichlorodifluoromethane	2.220	85	4206	0.240	ppbV		100
6) chloromethane	2.330	50	1172	0.123	ppbV		97
7) Freon-114	2.390		0	N.D.			
9) vinyl chloride	0.000		0	N.D.			
10) 1,3-butadiene	2.525		0	N.D.			
13) bromomethane	0.000		0	N.D.			
14) chloroethane	0.000		0	N.D.			
15) ethanol	2.770	31	410845	117.563	ppbV		98
17) vinyl bromide	0.000		0	N.D.			
19) acetone	2.995	43	60119M6	8.588	ppbV		
21) trichlorofluoromethane	3.079	101	1076	0.115	ppbV		96
22) isopropyl alcohol	3.100	45	550563	47.439	ppbV		99
26) 1,1-dichloroethene	0.000		0	N.D.			
27) tertiary butyl alcohol	3.395	59	7510	0.287	ppbV	#	67
28) methylene chloride	3.435	49	4260	0.247	ppbV		96
29) 3-chloropropene	0.000		0	N.D.	d		
30) carbon disulfide	3.580	76	8135	0.170	ppbV	#	77
31) Freon 113	3.560		0	N.D.			
32) trans-1,2-dichloroethene	0.000		0	N.D.	d		
33) 1,1-dichloroethane	0.000		0	N.D.	d		
34) MTBE	3.977		0	N.D.			
36) 2-butanone	4.170	43	8099	0.229	ppbV		99
37) cis-1,2-dichloroethene	4.383		0	N.D.			
38) Ethyl Acetate	4.490	61	2036	0.370	ppbV		81
39) chloroform	4.523	83	1807	0.072	ppbV		95
40) Tetrahydrofuran	4.723	42	6553M6	0.291	ppbV		
42) 1,2-dichloroethane	0.000		0	N.D.			
44) hexane	4.490	57	15450	0.632	ppbV	#	43

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222723.D
Acq On : 29 Feb 2024 2:52 AM
Operator : AIRLAB22:JMB
Sample : L2409115-03D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:12 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	5.223	78	57334	1.111	ppbV	98
52) carbon tetrachloride	5.297		0	N.D.		
53) cyclohexane	5.357	56	5656	0.202	ppbV	91
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	5.697		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	5.717	130	6487	0.318	ppbV	99
60) 2,2,4-trimethylpentane	5.737	57	19540	0.250	ppbV #	89
62) heptane	5.857	43	9862M6	0.320	ppbV	
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	6.133		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	6.520		0	N.D.		
68) toluene	6.560	91	58773	0.798	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	7.067		0	N.D.		
80) chlorobenzene	7.373		0	N.D.		
81) ethylbenzene	7.540	91	12429	0.139	ppbV	99
83) m+p-xylene	7.620	91	34334	0.495	ppbV	94
84) bromoform	0.000		0	N.D.		
85) styrene	7.787		0	N.D.		
86) 1,1,2,2-tetrachloroethane	7.793		0	N.D.		
87) o-xylene	7.840	91	12226	0.180	ppbV	96
96) 4-ethyl toluene	8.427		0	N.D.		
97) 1,3,5-trimethylbenzene	8.473		0	N.D.		
99) 1,2,4-trimethylbenzene	8.683	105	13456	0.172	ppbV #	55
101) Benzyl Chloride	8.797		0	N.D.		
102) 1,3-dichlorobenzene	8.797		0	N.D.		
103) 1,4-dichlorobenzene	8.797		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 : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222723.D
Acq On : 29 Feb 2024 2:52 AM
Operator : AIRLAB22:JMB
Sample : L2409115-03D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:12 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

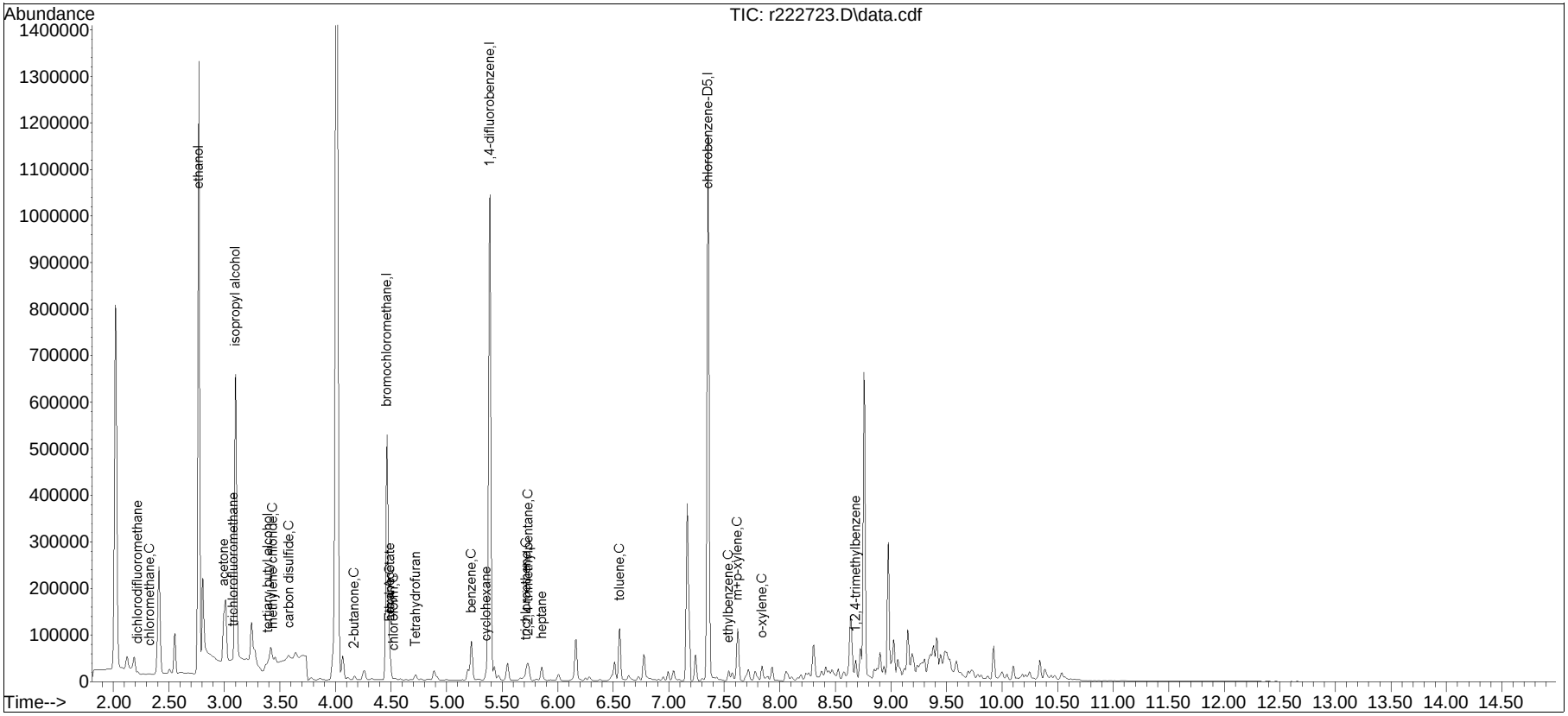
CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

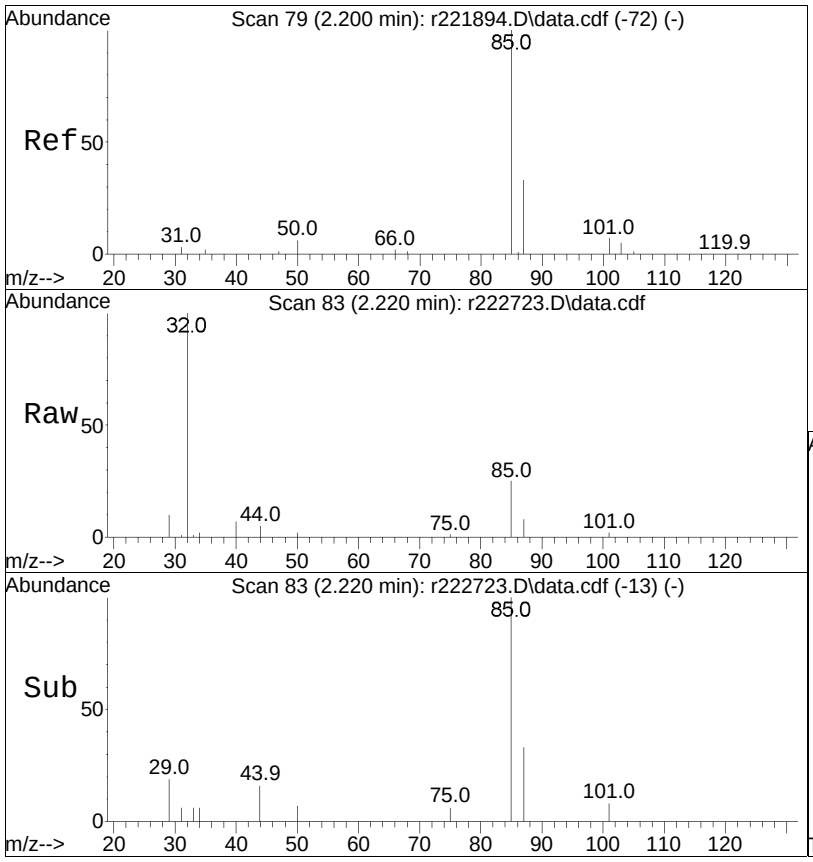
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airlab22\2024\02\0228T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222723.D
Acq On : 29 Feb 2024 2:52 AM
Operator : AIRLAB22:JMB
Sample : L2409115-03D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:12 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

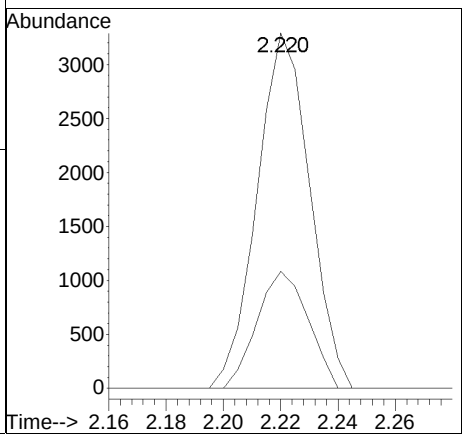


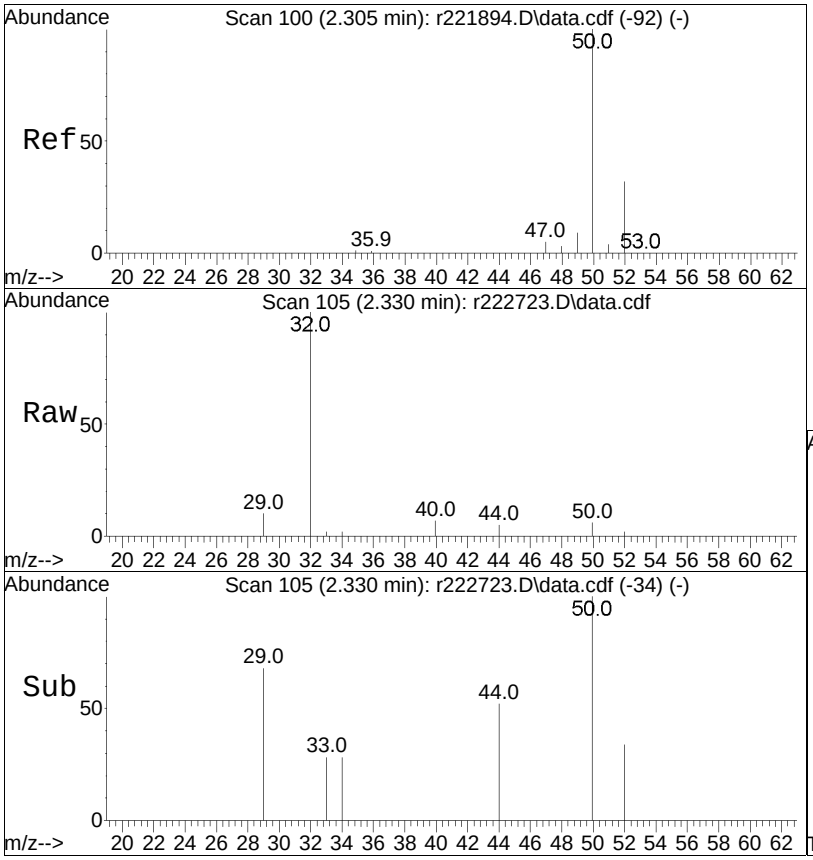


#5
dichlorodifluoromethane
Concen: 0.24 ppbV
RT: 2.220 min Scan# 83
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 85 Resp: 4206

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.3	39.5

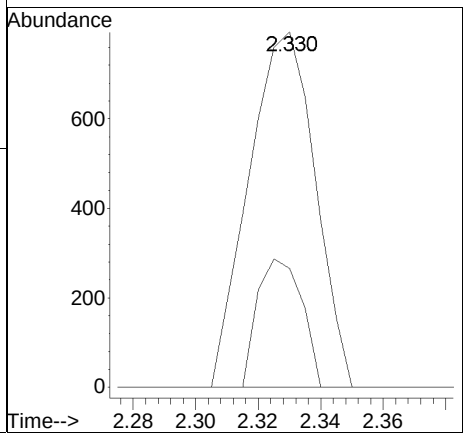


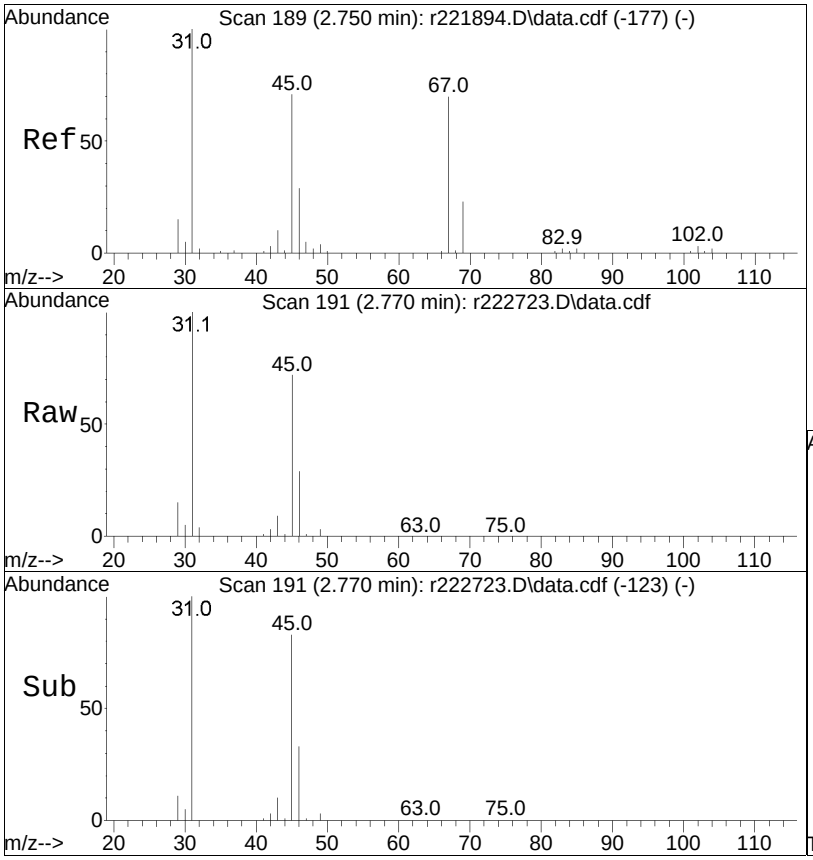


#6
chloromethane
Concen: 0.12 ppbV
RT: 2.330 min Scan# 105
Delta R.T. 0.025 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 50 Resp: 1172

Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.5	38.3

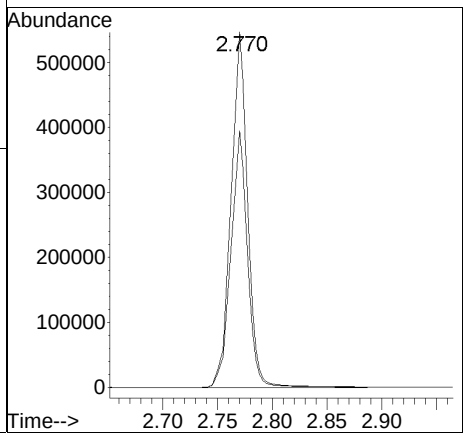


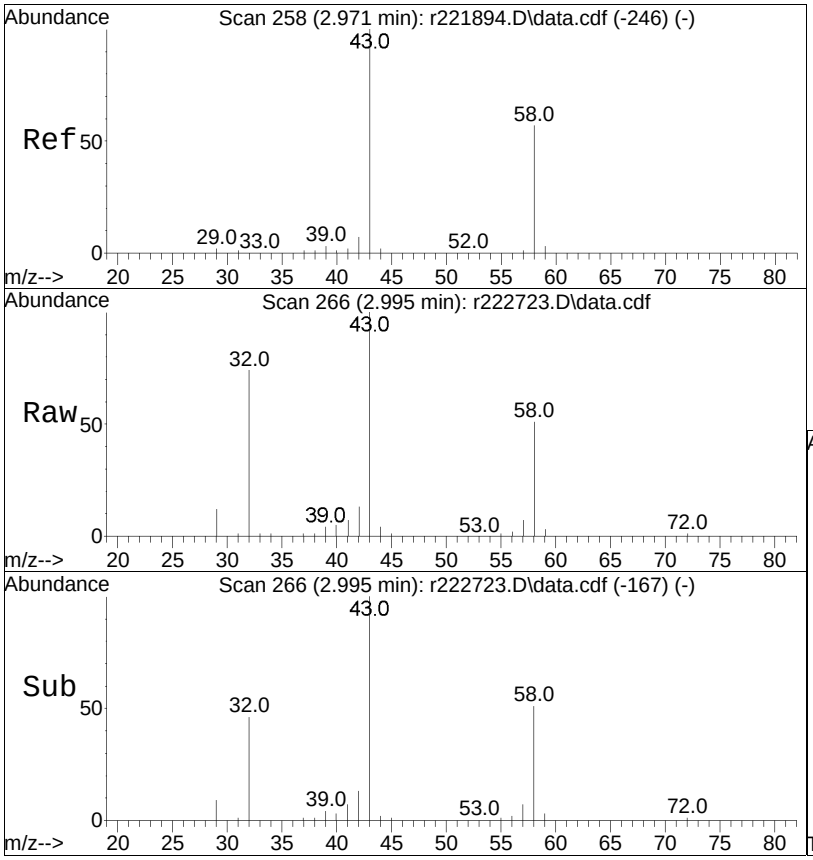


#15
ethanol
Concen: 117.56 ppbV
RT: 2.770 min Scan# 191
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 31 Resp: 410845

Ion	Ratio	Lower	Upper
31	100		
45	72.2	56.6	84.8

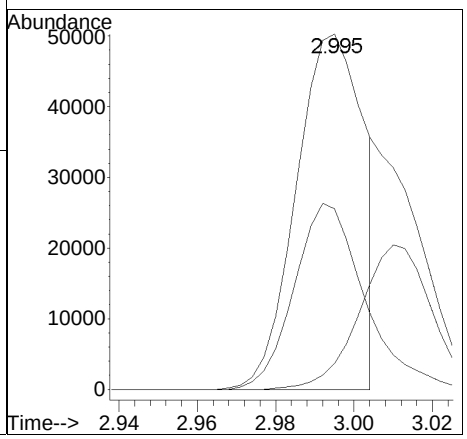


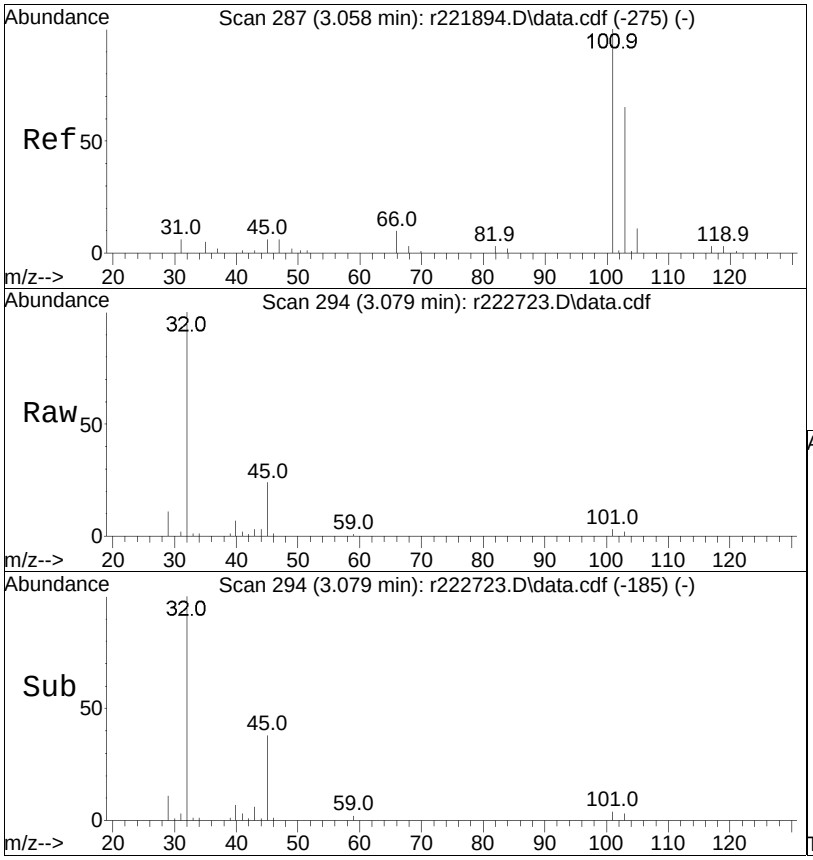


#19
acetone
Concen: 8.59 ppbV m
RT: 2.995 min Scan# 266
Delta R.T. 0.024 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 43 Resp: 60119

Ion	Ratio	Lower	Upper
43	100		
58	50.8	45.5	68.3
57	7.3	1.0	1.6#

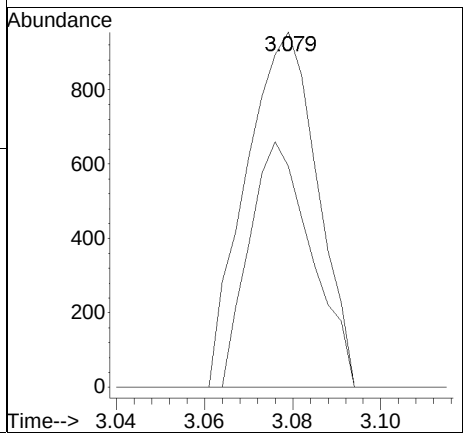


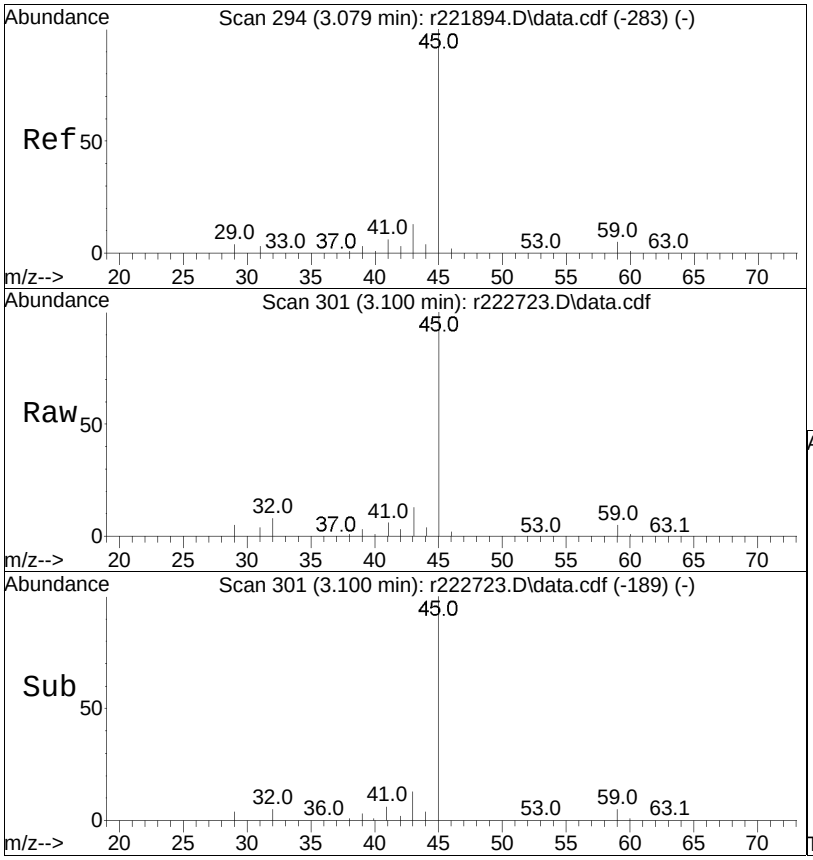


#21
trichlorofluoromethane
Concen: 0.12 ppbV
RT: 3.079 min Scan# 294
Delta R.T. 0.021 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion:101 Resp: 1076

Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.2	78.4

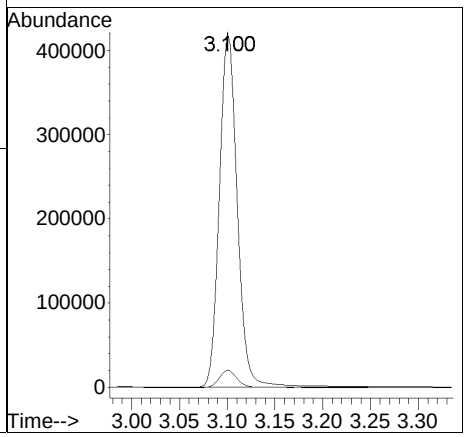


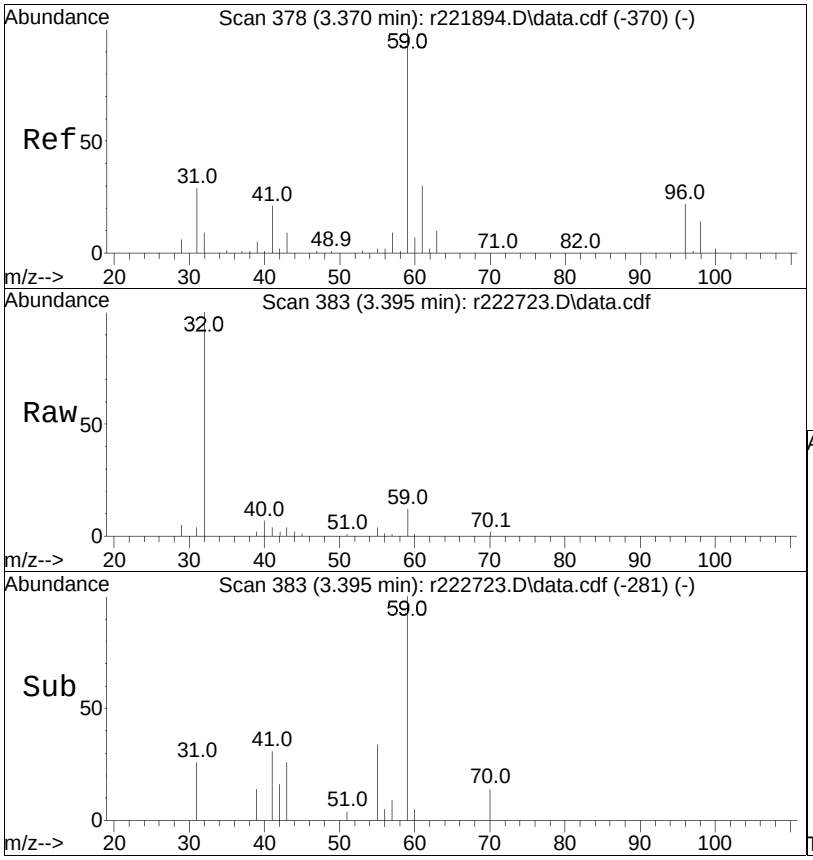


#22
isopropyl alcohol
Concen: 47.44 ppbV
RT: 3.100 min Scan# 301
Delta R.T. 0.021 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 45 Resp: 550563

Ion	Ratio	Lower	Upper
45	100		
59	4.8	4.0	6.0

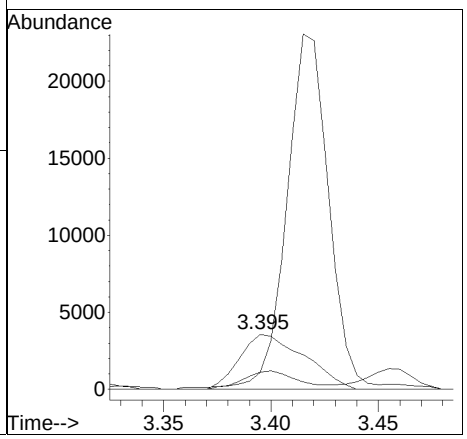


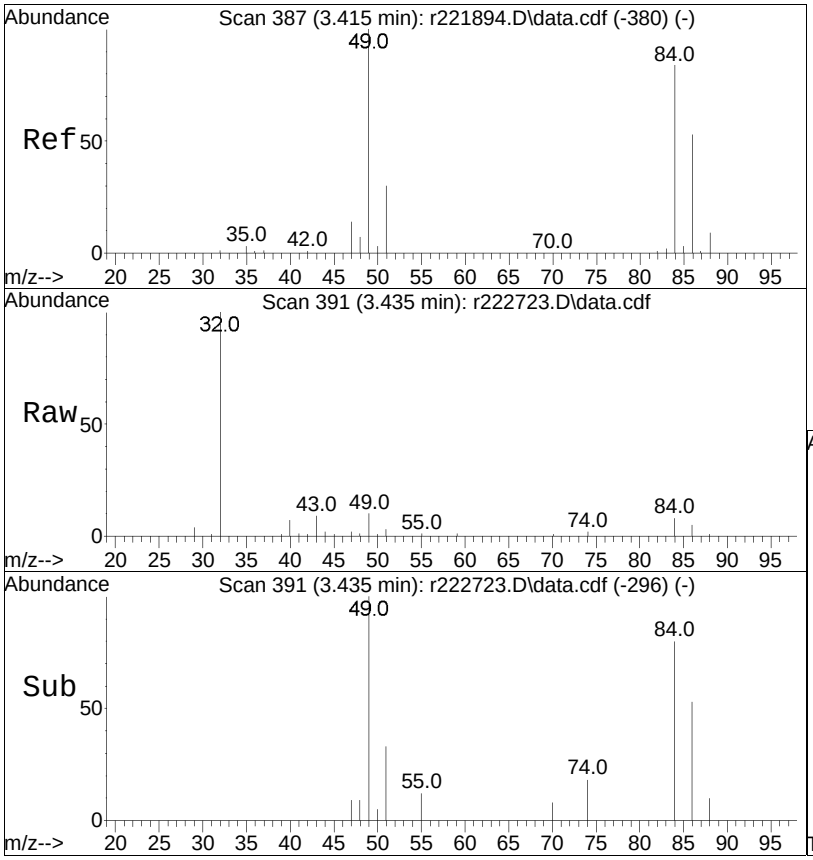


#27
tertiary butyl alcohol
Concen: 0.29 ppbV
RT: 3.395 min Scan# 383
Delta R.T. 0.025 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 59 Resp: 7510

Ion	Ratio	Lower	Upper
59	100		
41	31.5	16.9	25.3#
43	30.9	7.5	11.3#

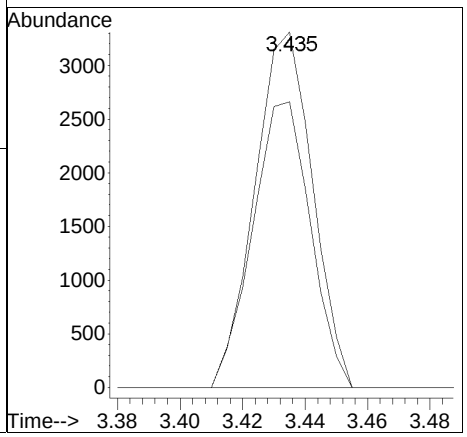


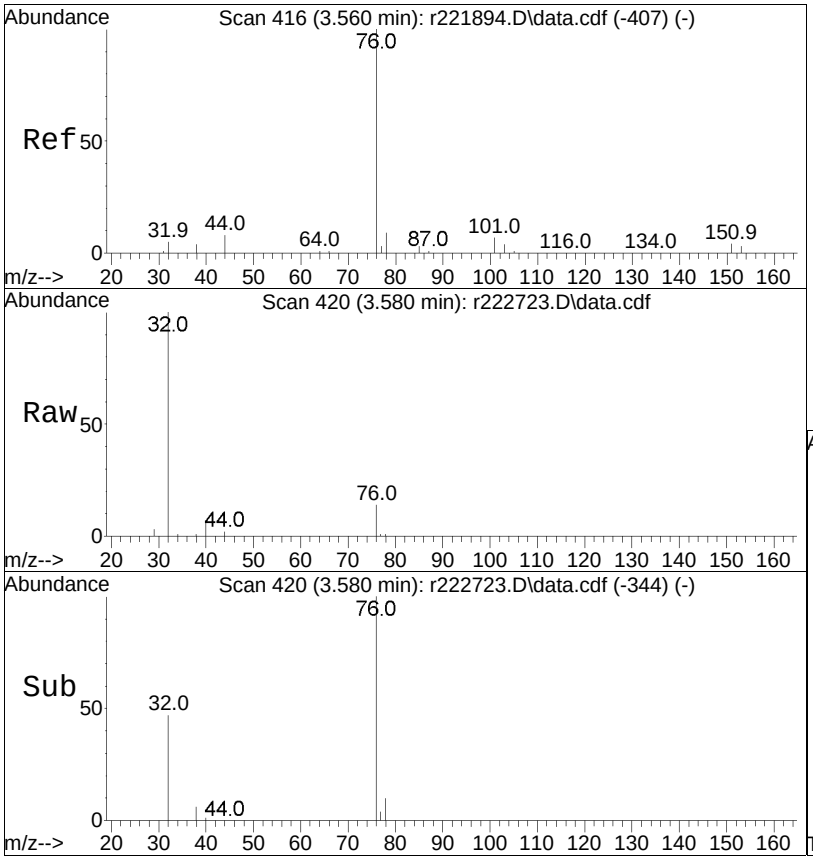


#28
methylene chloride
Concen: 0.25 ppbV
RT: 3.435 min Scan# 391
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 49 Resp: 4260

Ion	Ratio	Lower	Upper
49	100		
84	80.4	67.2	100.8

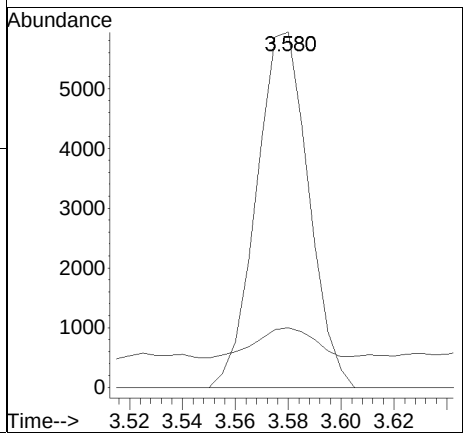


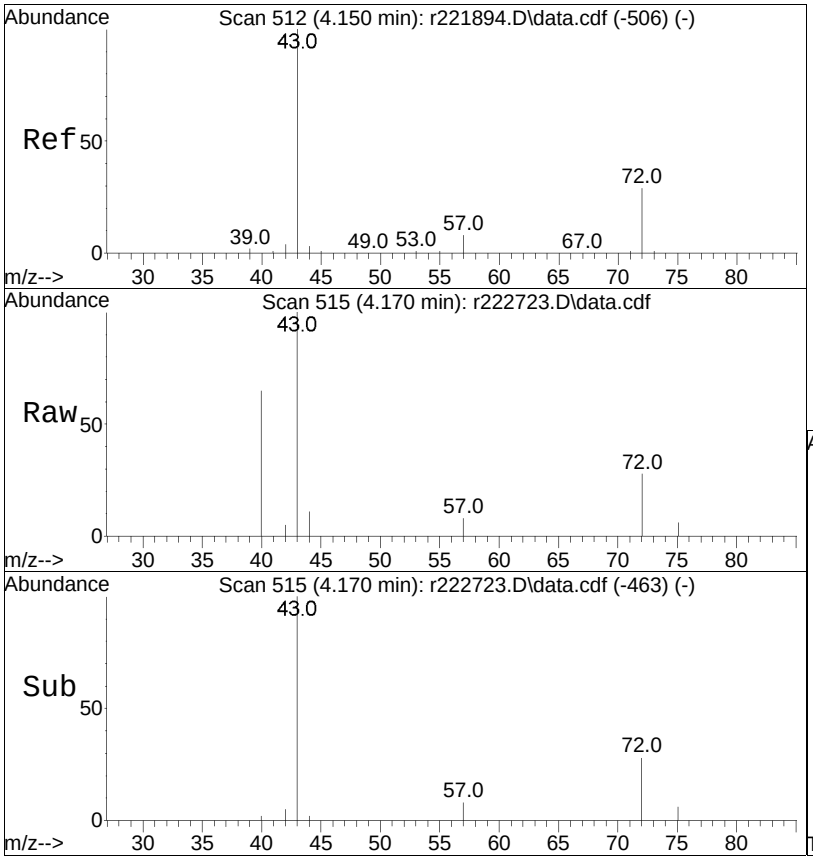


#30
carbon disulfide
Concen: 0.17 ppbV
RT: 3.580 min Scan# 420
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 76 Resp: 8135

Ion	Ratio	Lower	Upper
76	100		
44	16.8	6.8	10.2#

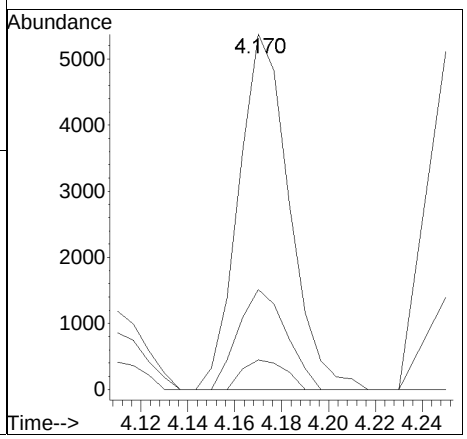


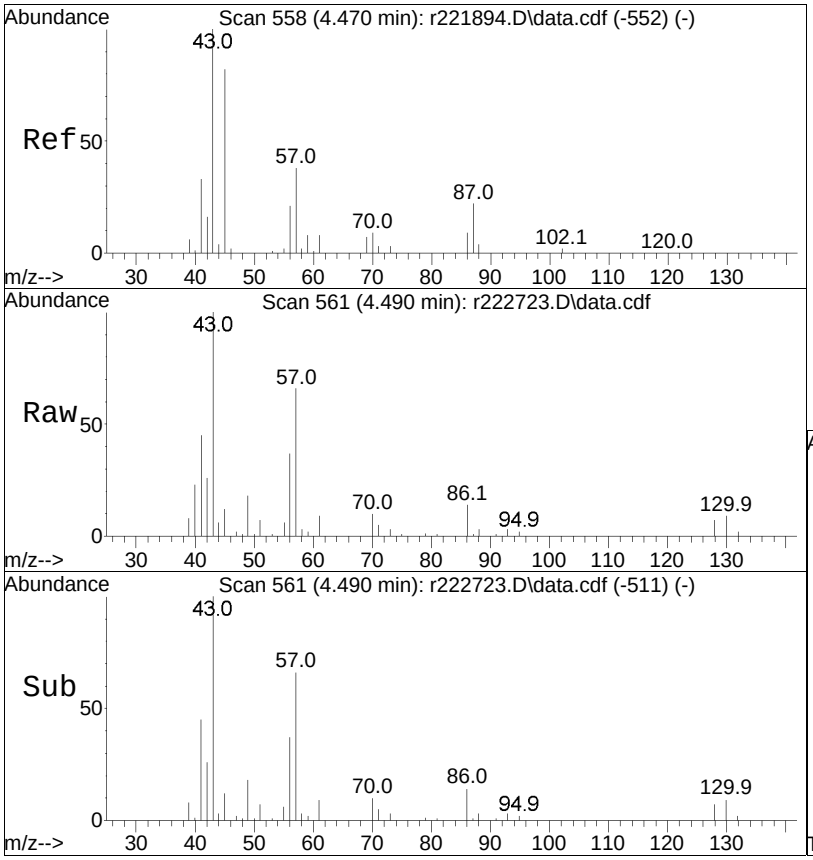


#36
2-butanone
Concen: 0.23 ppbV
RT: 4.170 min Scan# 515
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 43 Resp: 8099

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.0	34.6
57	8.3	6.3	9.5

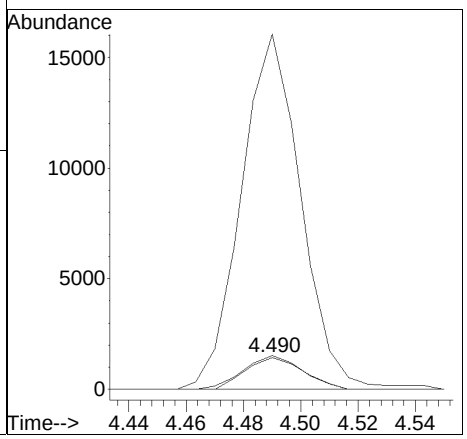


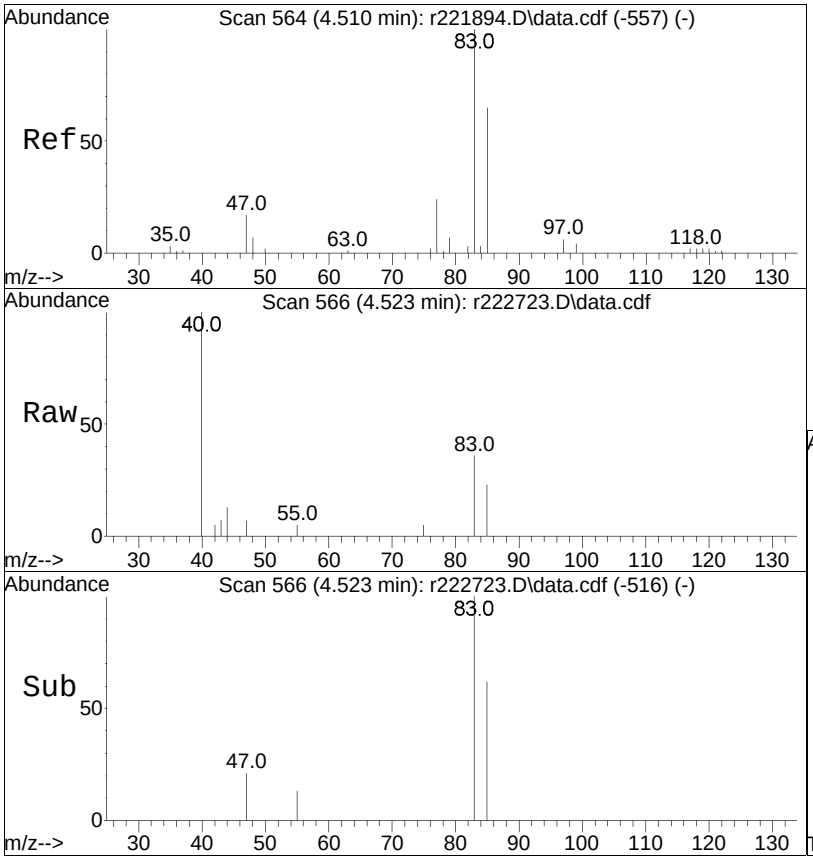


#38
Ethyl Acetate
Concen: 0.37 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 61 Resp: 2036

Ion	Ratio	Lower	Upper
61	100		
70	106.0	91.7	137.5
43	1112.7	971.0	1456.6

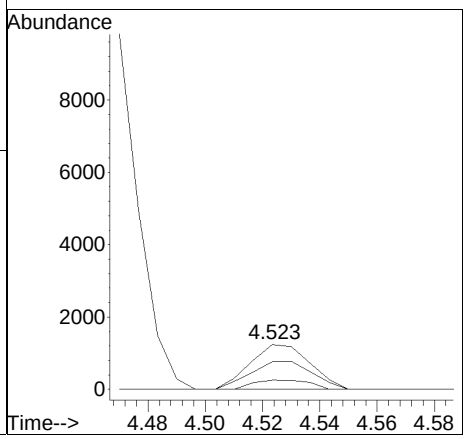


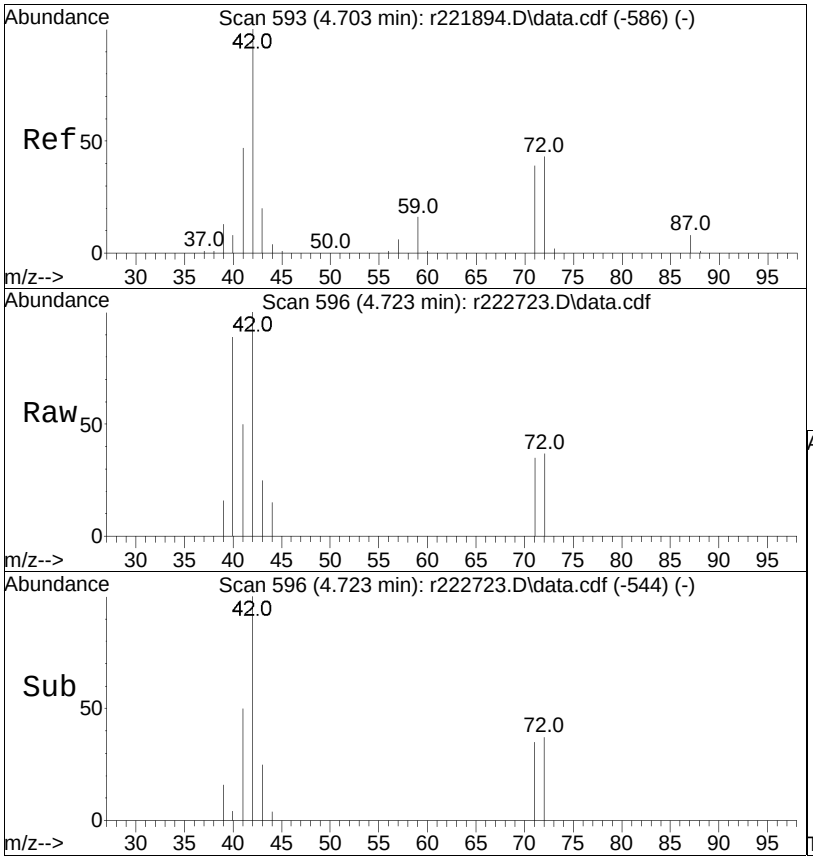


#39
chloroform
Concen: 0.07 ppbV
RT: 4.523 min Scan# 566
Delta R.T. 0.013 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 83 Resp: 1807

Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.6	79.0
47	20.5	15.1	22.7

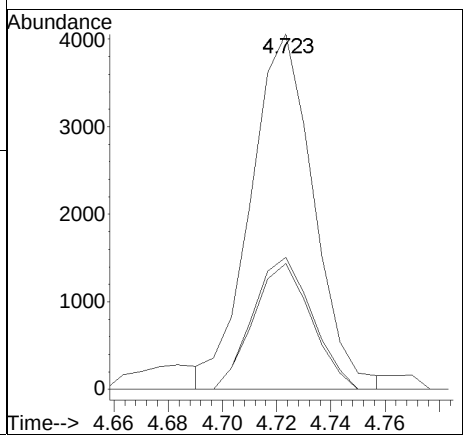


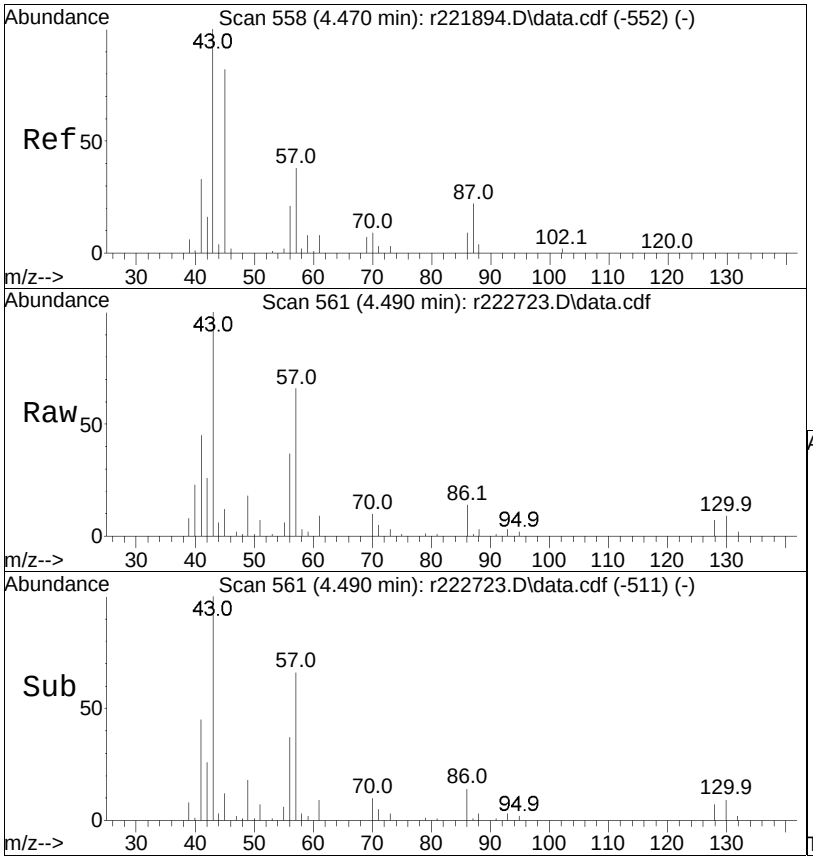


#40
Tetrahydrofuran
Concen: 0.29 ppbV m
RT: 4.723 min Scan# 596
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 42 Resp: 6553

Ion	Ratio	Lower	Upper
42	100		
71	35.4	31.4	47.2
72	37.2	34.3	51.5

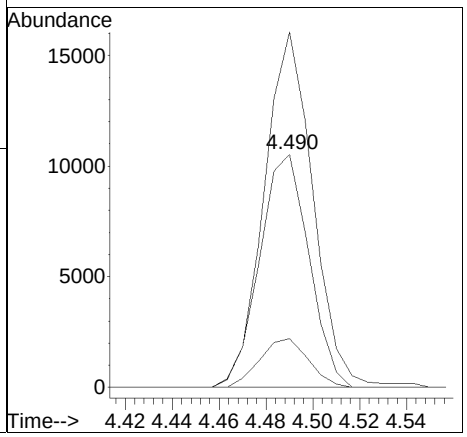


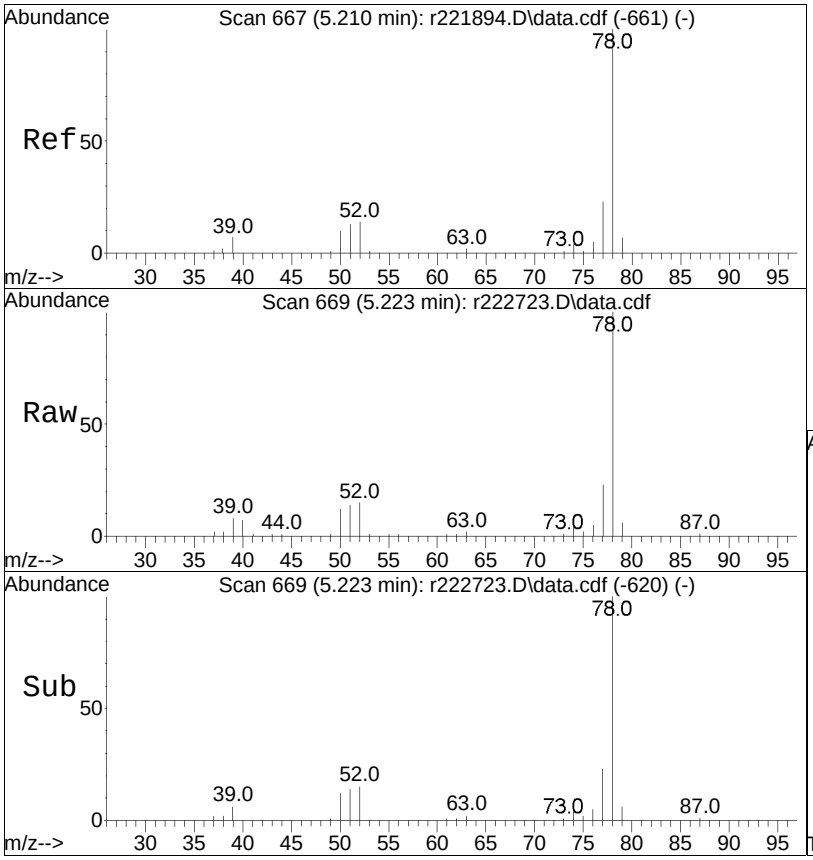


#44
hexane
Concen: 0.63 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 57 Resp: 15450

Ion	Ratio	Lower	Upper
57	100		
43	152.4	210.8	316.2#
86	20.9	17.9	26.9

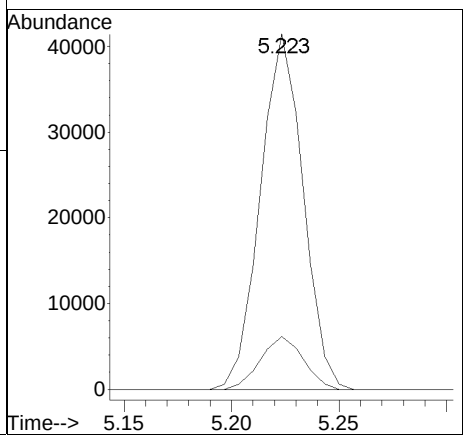


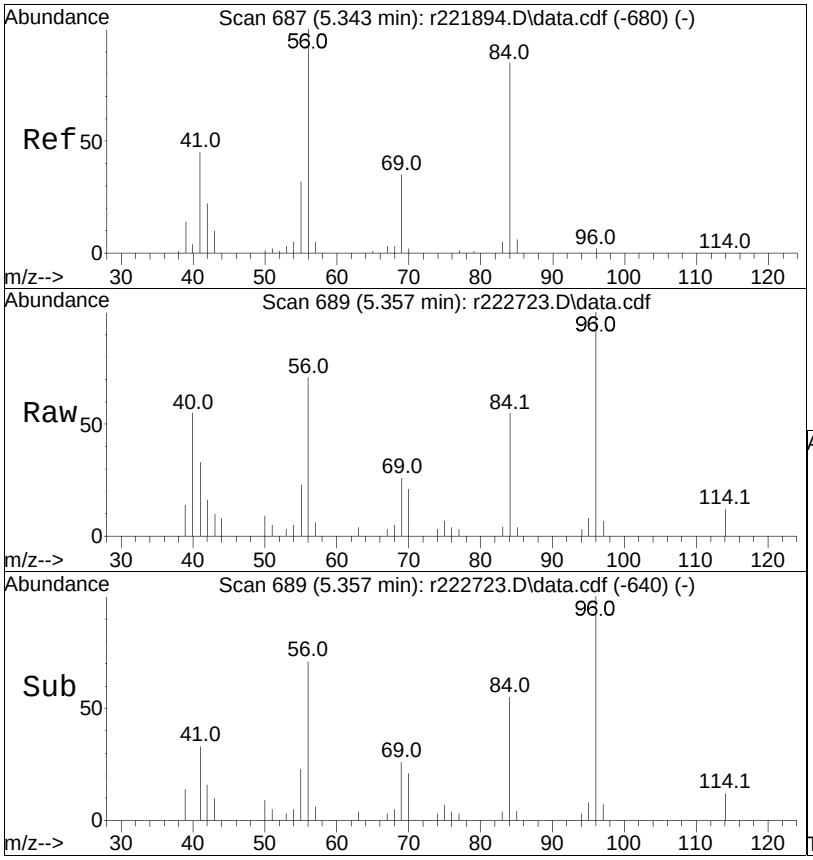


#50
benzene
Concen: 1.11 ppbV
RT: 5.223 min Scan# 669
Delta R.T. 0.013 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 78 Resp: 57334

Ion	Ratio	Lower	Upper
78	100		
52	14.9	11.3	16.9

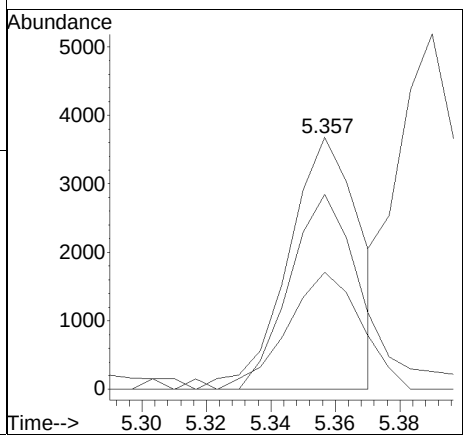


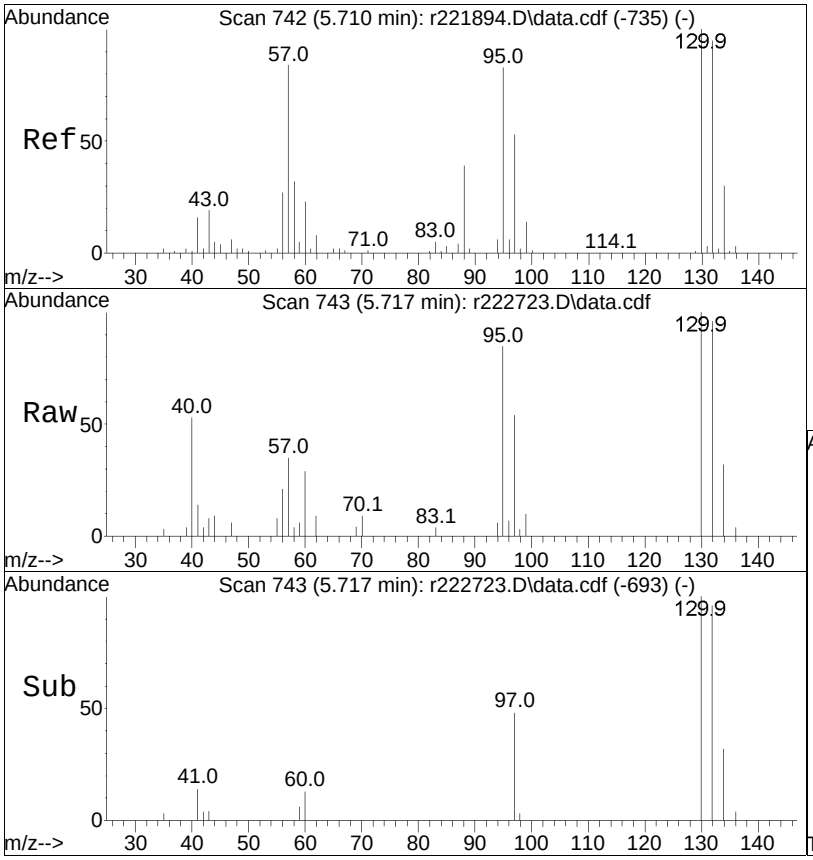


#53
cyclohexane
Concen: 0.20 ppbV
RT: 5.357 min Scan# 689
Delta R.T. 0.013 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 56 Resp: 5656

Ion	Ratio	Lower	Upper
56	100		
84	77.4	70.9	106.3
41	46.5	35.8	53.6

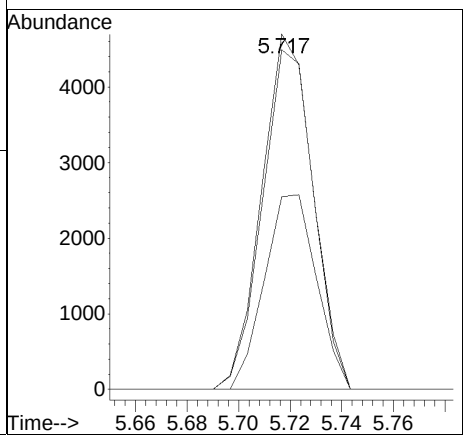


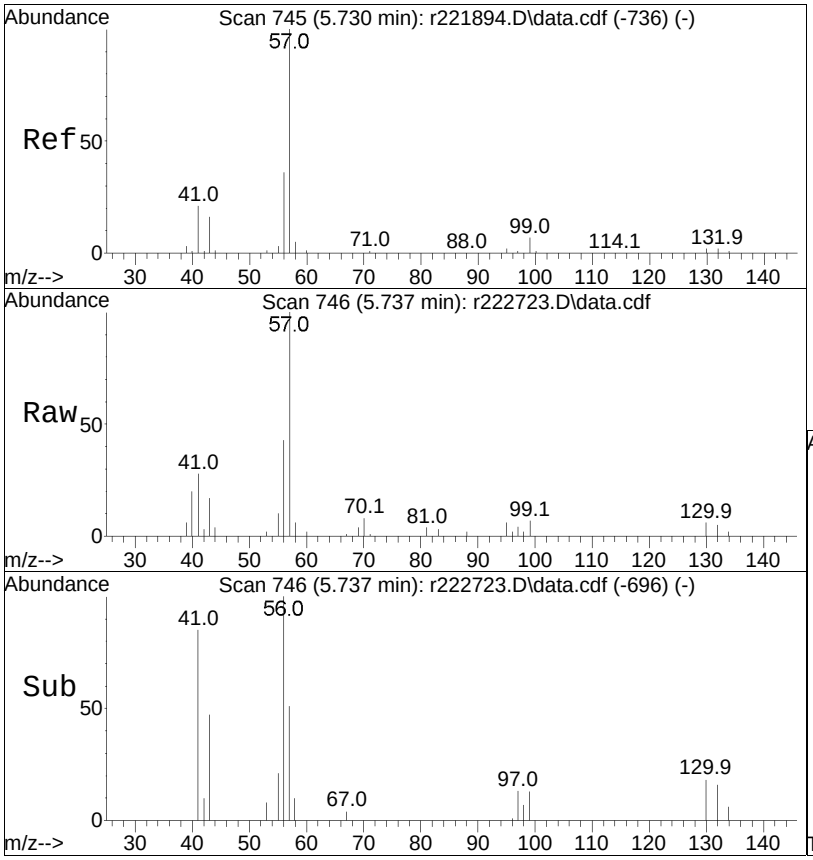


#59
trichloroethene
Concen: 0.32 ppbV
RT: 5.717 min Scan# 743
Delta R.T. 0.007 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion:130 Resp: 6487

Ion	Ratio	Lower	Upper
130	100		
132	95.6	75.9	113.9
97	54.2	42.5	63.7

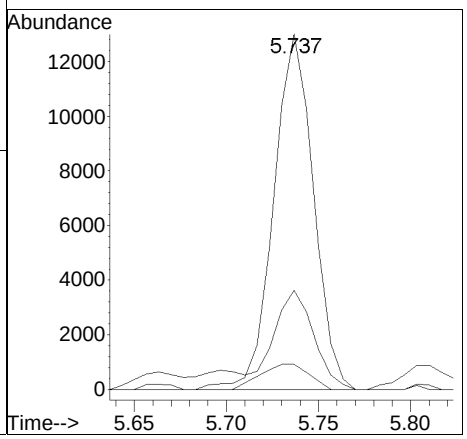


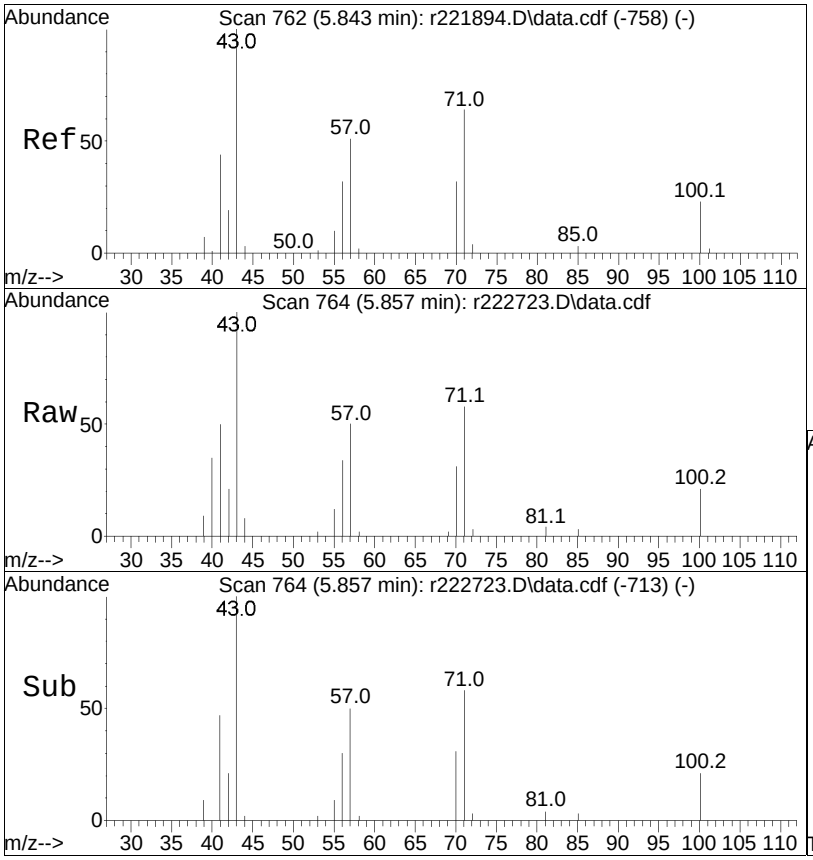


#60
2,2,4-trimethylpentane
Concen: 0.25 ppbV
RT: 5.737 min Scan# 746
Delta R.T. 0.007 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 57 Resp: 19540

Ion	Ratio	Lower	Upper
57	100		
99	7.1	5.7	8.5
41	27.9	16.9	25.3#

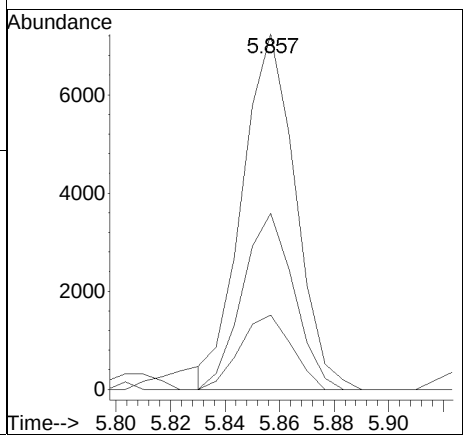


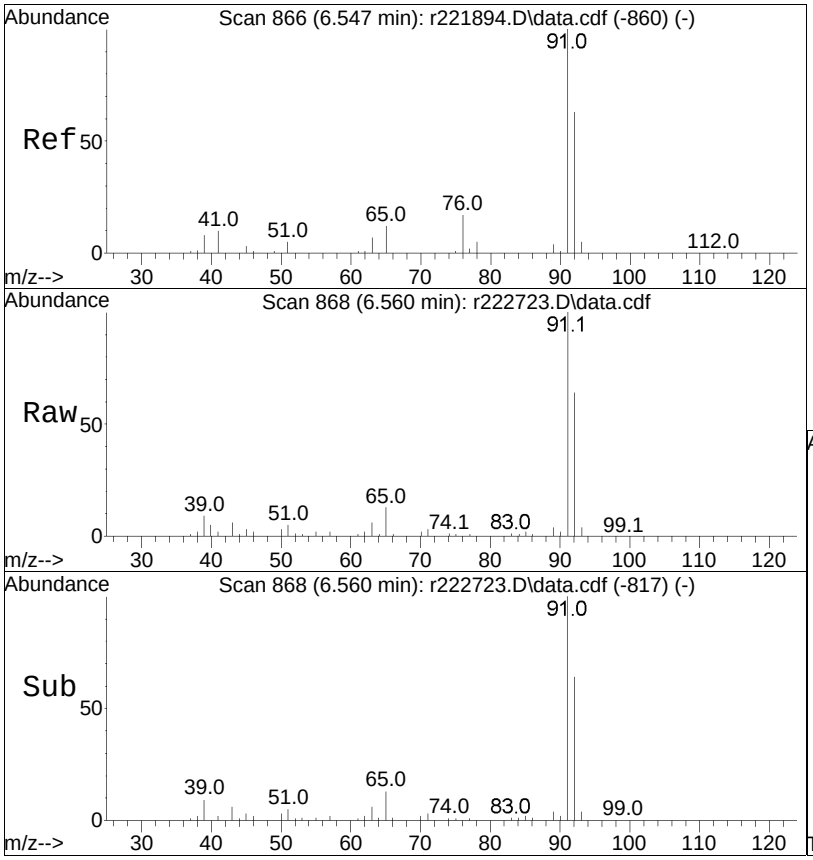


#62
heptane
Concen: 0.32 ppbV m
RT: 5.857 min Scan# 764
Delta R.T. 0.013 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 43 Resp: 9862

Ion	Ratio	Lower	Upper
43	100		
57	49.6	40.4	60.6
100	20.9	19.0	28.6

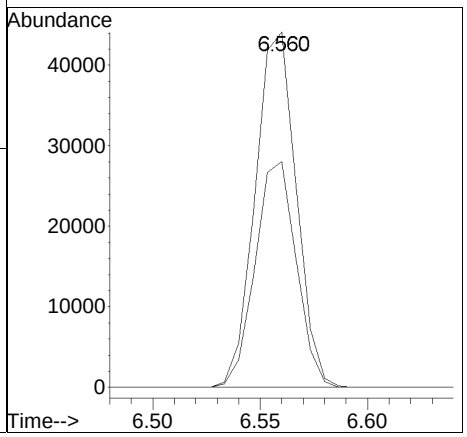


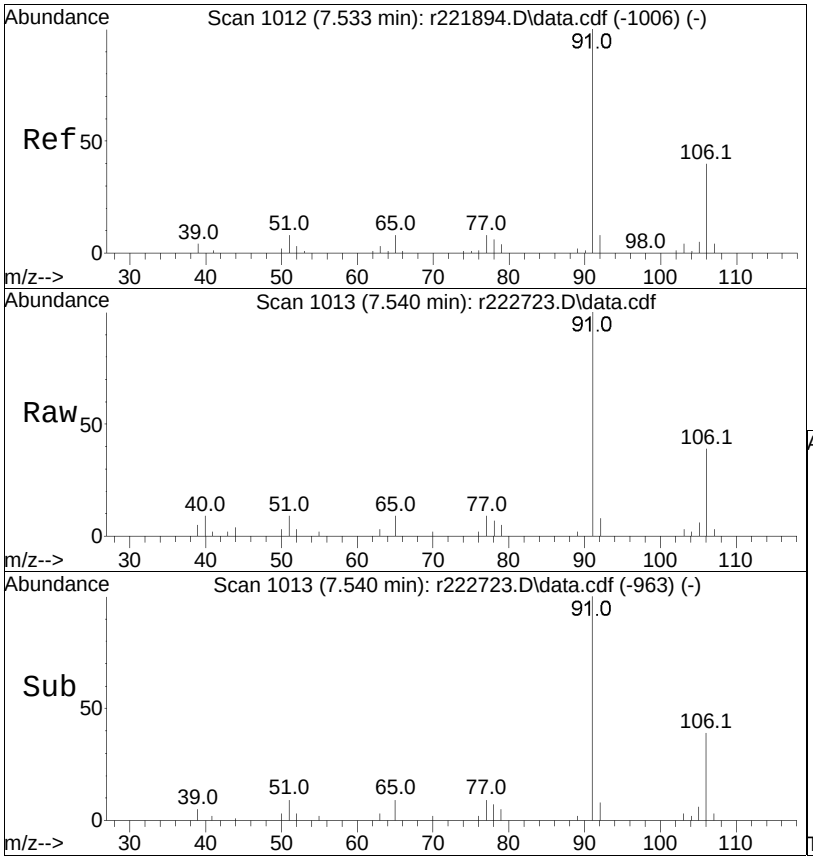


#68
toluene
Concen: 0.80 ppbV
RT: 6.560 min Scan# 868
Delta R.T. 0.013 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 91 Resp: 58773

Ion	Ratio	Lower	Upper
91	100		
92	63.6	50.7	76.1

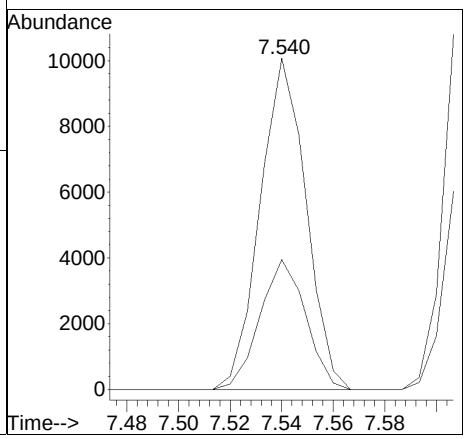


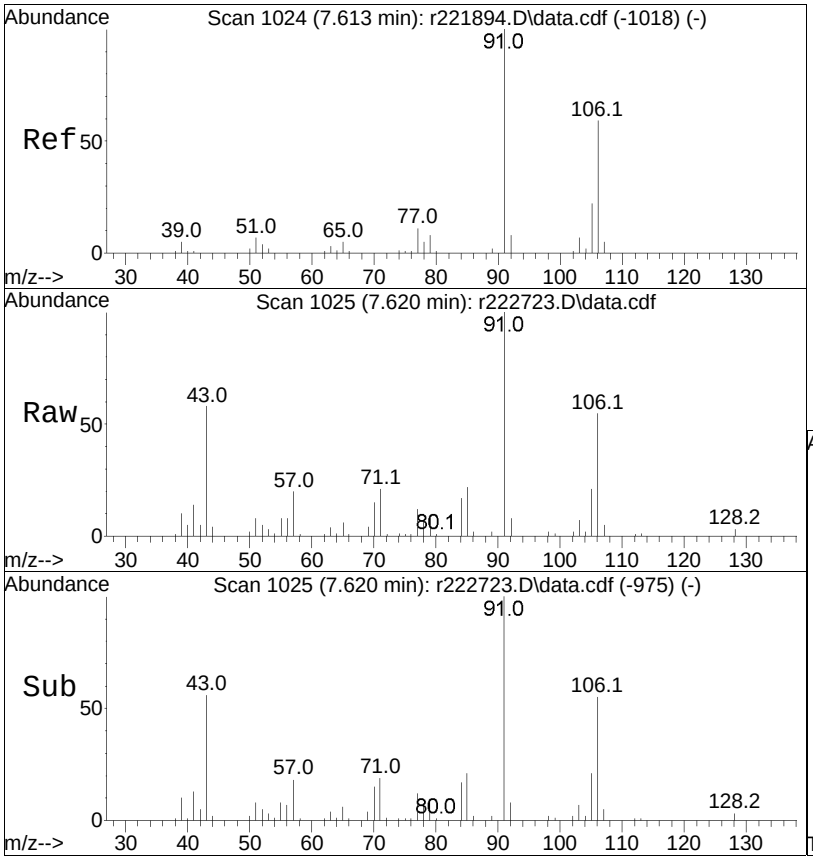


#81
ethylbenzene
Concen: 0.14 ppbV
RT: 7.540 min Scan# 1013
Delta R.T. 0.007 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 91 Resp: 12429

Ion	Ratio	Lower	Upper
91	100		
106	39.2	31.7	47.5

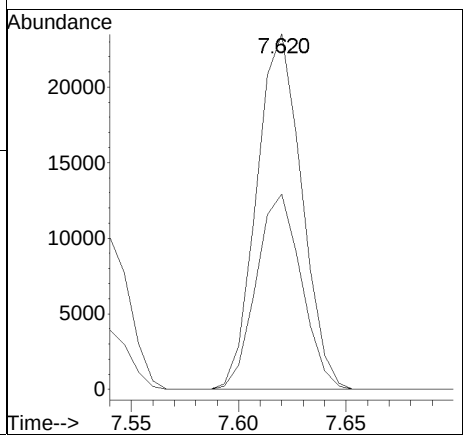


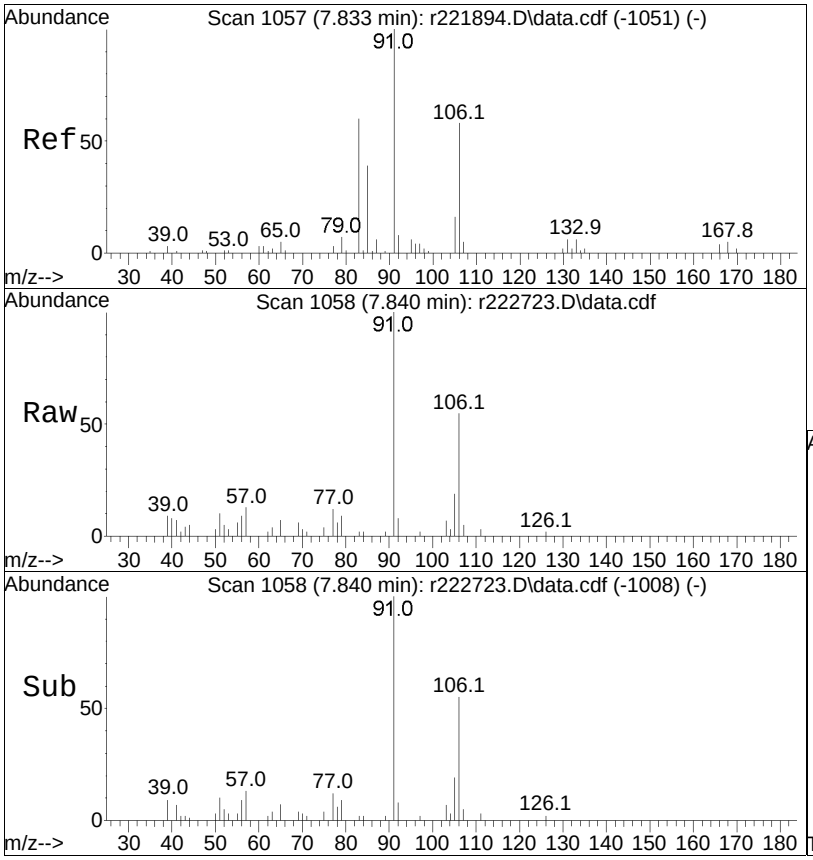


#83
m+p-xylene
Concen: 0.49 ppbV
RT: 7.620 min Scan# 1025
Delta R.T. 0.007 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 91 Resp: 34334

Ion	Ratio	Lower	Upper
91	100		
106	55.0	47.4	71.2

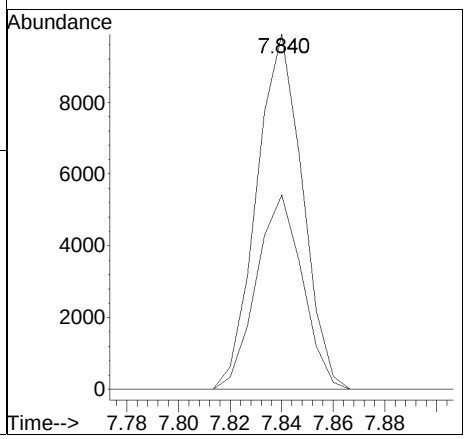


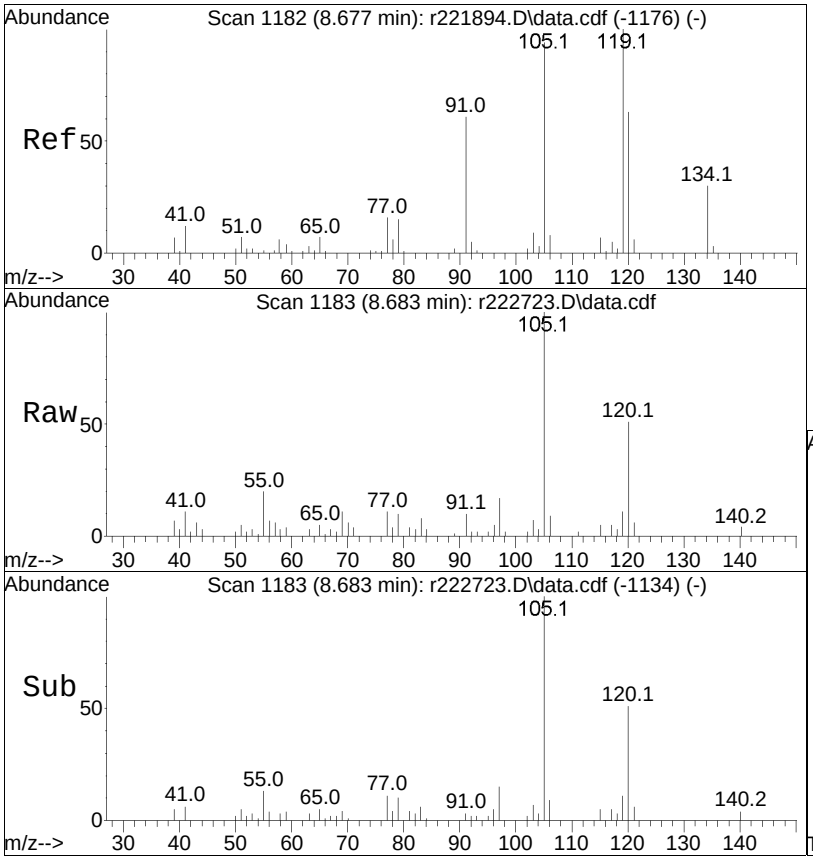


#87
o-xylene
Concen: 0.18 ppbV
RT: 7.840 min Scan# 1058
Delta R.T. 0.007 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion: 91 Resp: 12226

Ion	Ratio	Lower	Upper
91	100		
106	54.7	46.2	69.4

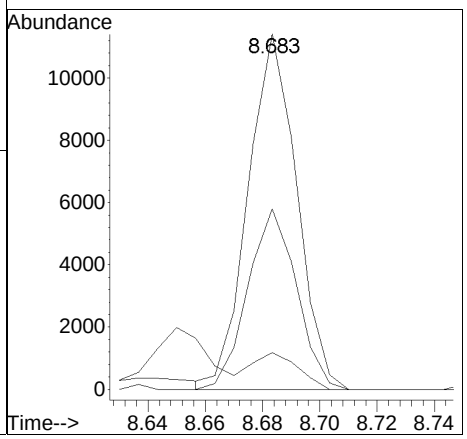




#99
1,2,4-trimethylbenzene
Concen: 0.17 ppbV
RT: 8.683 min Scan# 1183
Delta R.T. 0.007 min
Lab File: r222723.D
Acq: 29 Feb 2024 2:52 AM

Tgt Ion:105 Resp: 13456

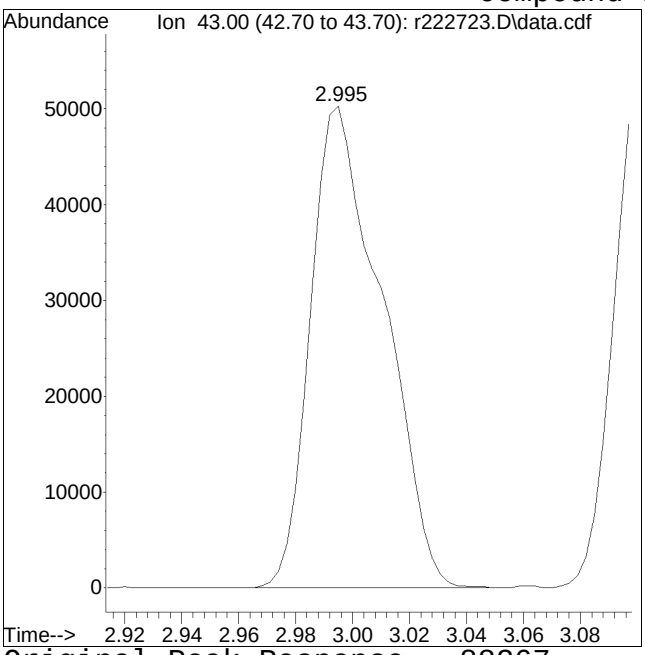
Ion	Ratio	Lower	Upper
105	100		
120	50.8	53.8	80.8#
91	10.4	52.2	78.2#



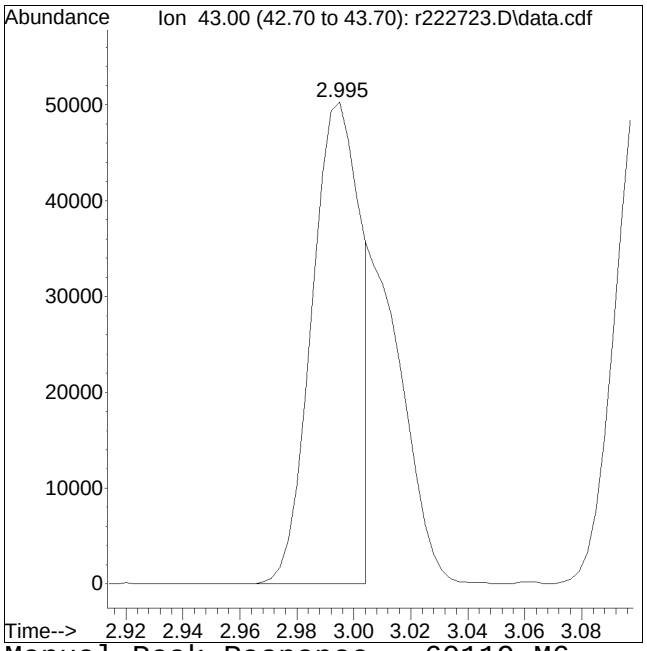
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22Q
Data File : r222723.D
Date Inj'd : 2/29/2020 0:2: 2
Sample : L2409115-03D,3,123.32,250
Method : TFS22_231129.M
Operator : AIRLAB22:JMB
Instrument :
Quant Date : 2/29/2024 6:42 am

Compound #19: acetone



Original Peak Response = 88267



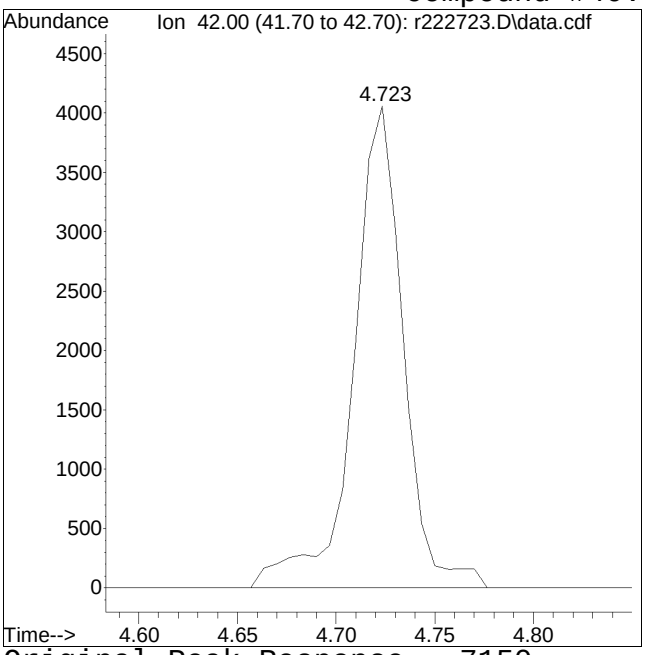
Manual Peak Response = 60119 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

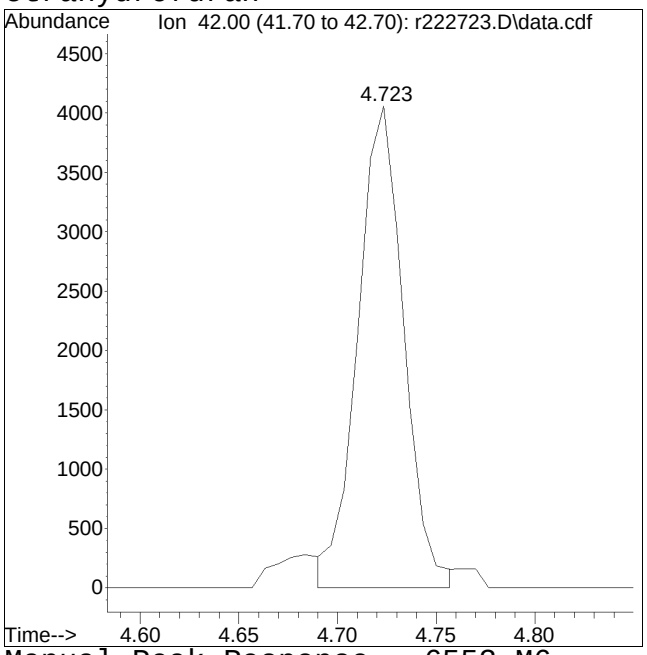
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222723.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 2 Instrument :
Sample : L2409115-03D,3,123.32,250 Quant Date : 2/29/2024 6:42 am

Compound #40: Tetrahydrofuran



Original Peak Response = 7150



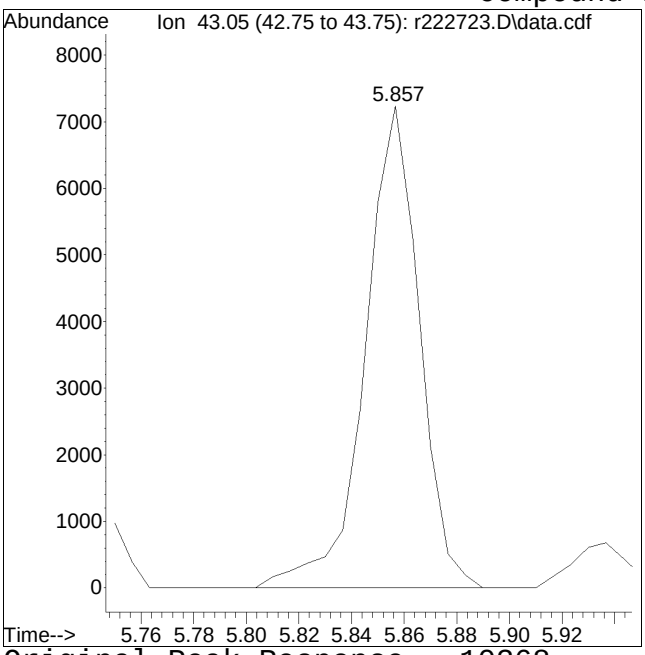
Manual Peak Response = 6553 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

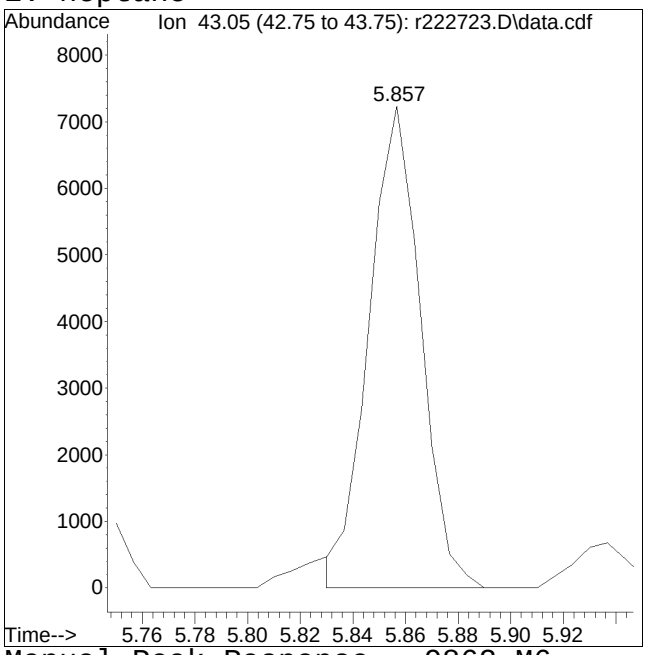
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222723.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 2 Instrument :
Sample : L2409115-03D,3,123.32,250 Quant Date : 2/29/2024 6:42 am

Compound #62: heptane



Original Peak Response = 10368



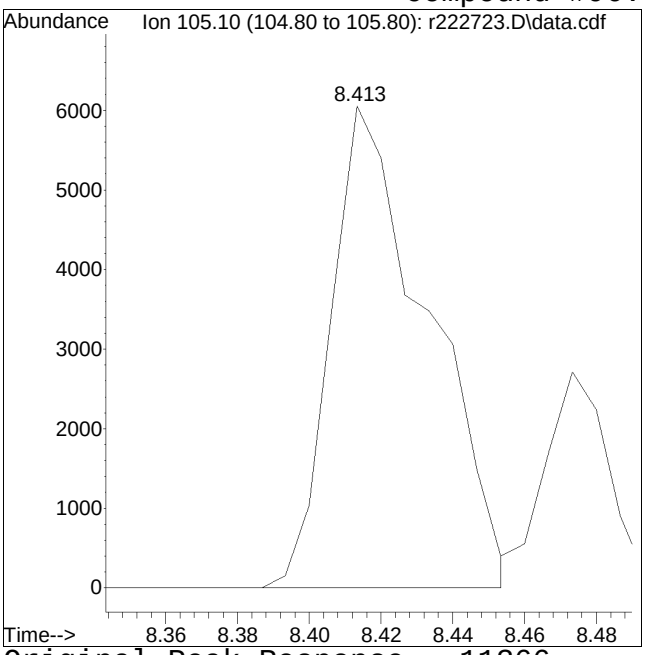
Manual Peak Response = 9862 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

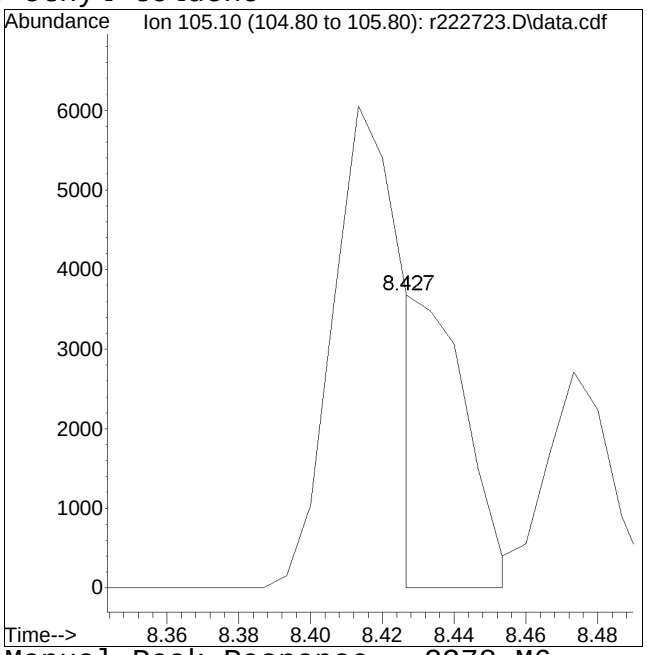
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222723.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:2: 2 Instrument :
Sample : L2409115-03D,3,123.32,250 Quant Date : 2/29/2024 6:42 am

Compound #96: 4-ethyl toluene



Original Peak Response = 11366



Manual Peak Response = 3378 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222724.D
Acq On : 29 Feb 2024 3:23 AM
Operator : AIRLAB22:JMB
Sample : L2409115-04D,3,127.12,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.463	49	216686	10.000	ppbV	0.01
Standard Area = 218491			Recovery = 99.17%			
43) 1,4-difluorobenzene	5.390	114	686021	10.000	ppbV	0.01
Standard Area = 693129			Recovery = 98.97%			
67) chlorobenzene-D5	7.353	54	88671	10.000	ppbV #	0.00
Standard Area = 86392			Recovery = 102.64%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.225	85	6424	0.368	ppbV	100
6) chloromethane	2.330	50	1978	0.209	ppbV	99
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	2.525		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.770	31	153478	44.098	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.992	43	44112M6	6.328	ppbV	
21) trichlorofluoromethane	3.073	101	1086	0.117	ppbV	88
22) isopropyl alcohol	3.100	45	288143	24.930	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	3.395	59	4292	0.165	ppbV #	43
28) methylene chloride	3.430	49	4756	0.277	ppbV	98
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	3.575	76	5036	0.106	ppbV #	66
31) Freon 113	3.555		0	N.D.		
32) trans-1,2-dichloroethene	3.777		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	3.977		0	N.D.		
36) 2-butanone	4.170	43	12270	0.349	ppbV	97
37) cis-1,2-dichloroethene	4.383	61	1187	0.059	ppbV	99
38) Ethyl Acetate	4.490	61	1054	0.193	ppbV	58
39) chloroform	4.523	83	4606	0.185	ppbV	97
40) Tetrahydrofuran	4.723	42	4801M6	0.214	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	4.483	57	13972	0.576	ppbV #	21

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222724.D
Acq On : 29 Feb 2024 3:23 AM
Operator : AIRLAB22:JMB
Sample : L2409115-04D,3,127.12,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	5.223	78	35350	0.691	ppbV	98
52) carbon tetrachloride	5.290		0	N.D.		
53) cyclohexane	5.357	56	4489	0.162	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	5.717	130	125688	6.214	ppbV	98
60) 2,2,4-trimethylpentane	5.737	57	15053	0.194	ppbV #	81
62) heptane	5.857	43	6842	0.224	ppbV	98
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	6.460		0	N.D.		
68) toluene	6.553	91	41570	0.562	ppbV	99
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	7.067		0	N.D.		
80) chlorobenzene	0.000		0	N.D. d		
81) ethylbenzene	7.540	91	10195	0.114	ppbV	97
83) m+p-xylene	7.620	91	28112	0.404	ppbV	96
84) bromoform	0.000		0	N.D.		
85) styrene	7.787		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
87) o-xylene	7.840	91	10637	0.156	ppbV	93
96) 4-ethyl toluene	8.427		0	N.D.		
97) 1,3,5-trimethylbenzene	8.473		0	N.D.		
99) 1,2,4-trimethylbenzene	8.683	105	11052	0.141	ppbV #	56
101) Benzyl Chloride	8.797		0	N.D.		
102) 1,3-dichlorobenzene	8.797		0	N.D.		
103) 1,4-dichlorobenzene	8.797		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

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222724.D
Acq On : 29 Feb 2024 3:23 AM
Operator : AIRLAB22:JMB
Sample : L2409115-04D,3,127.12,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

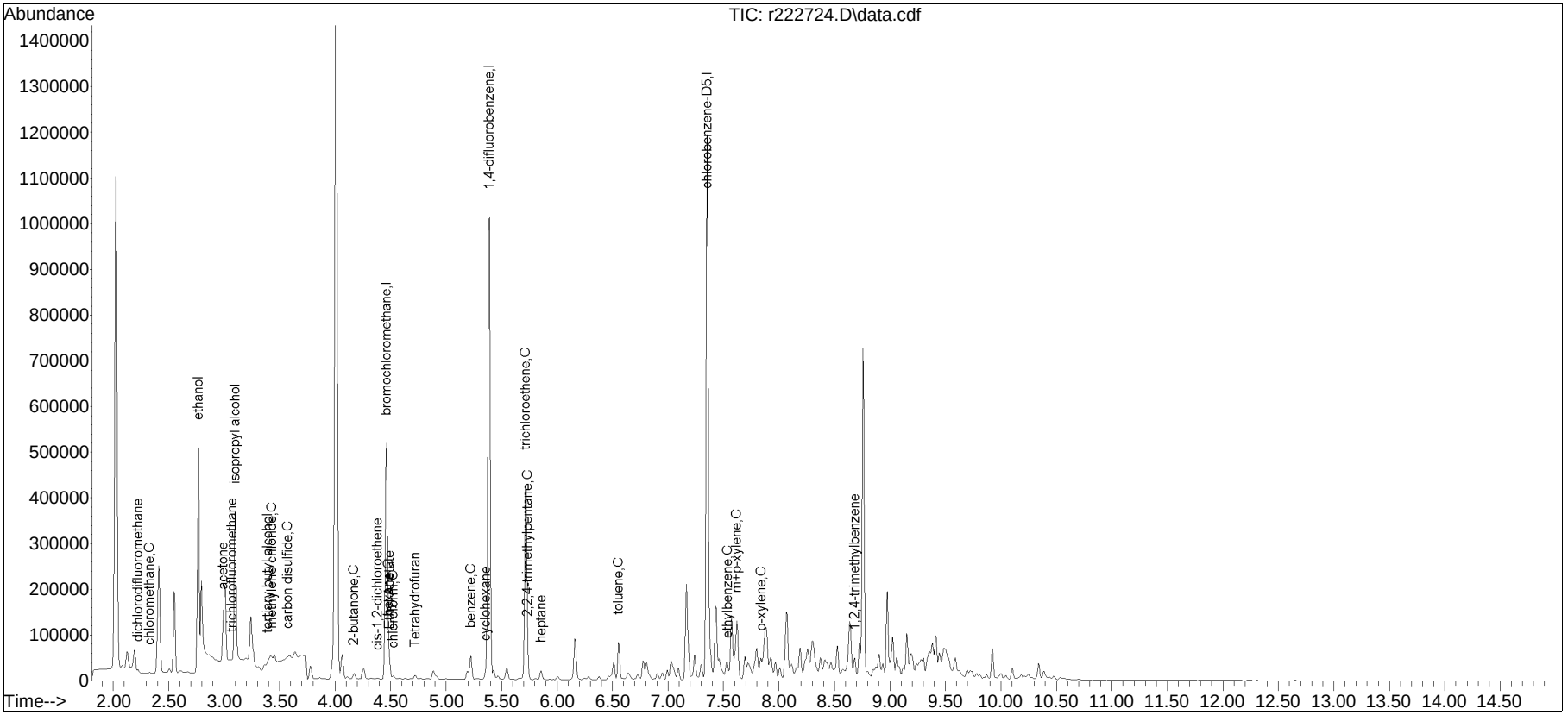
CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

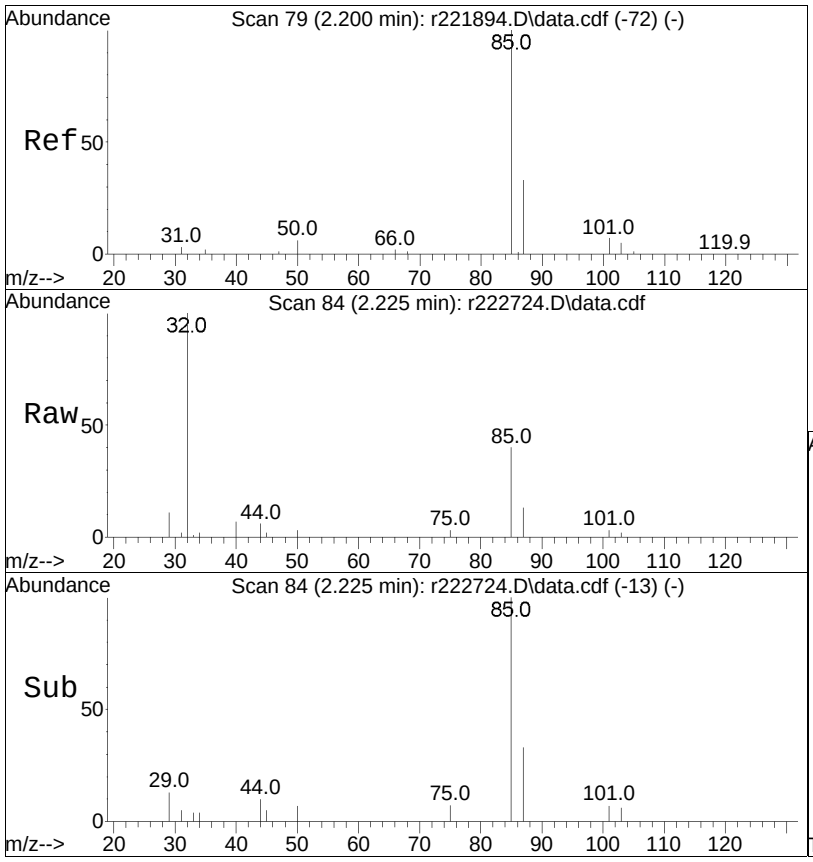
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airlab22\2024\02\0228T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222724.D
Acq On : 29 Feb 2024 3:23 AM
Operator : AIRLAB22:JMB
Sample : L2409115-04D,3,127.12,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:42:46 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

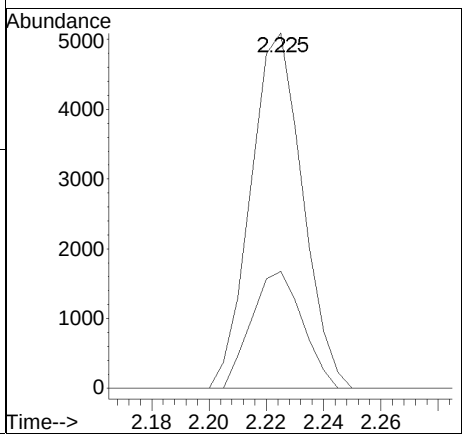


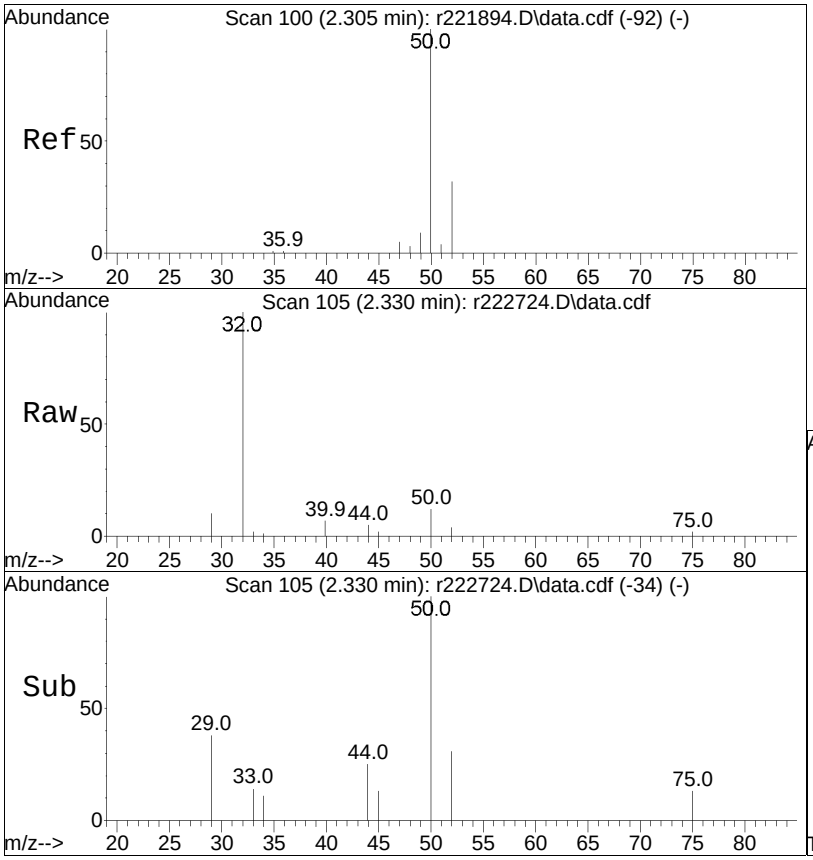


#5
dichlorodifluoromethane
Concen: 0.37 ppbV
RT: 2.225 min Scan# 84
Delta R.T. 0.025 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 85 Resp: 6424

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.3	39.5

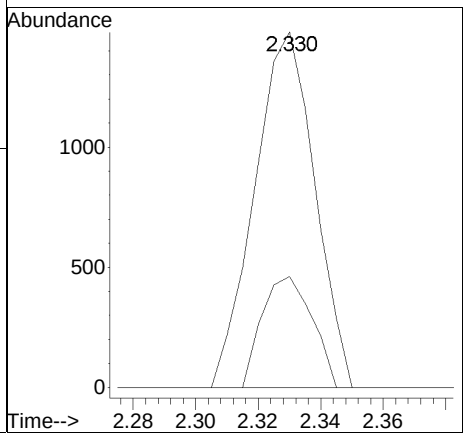


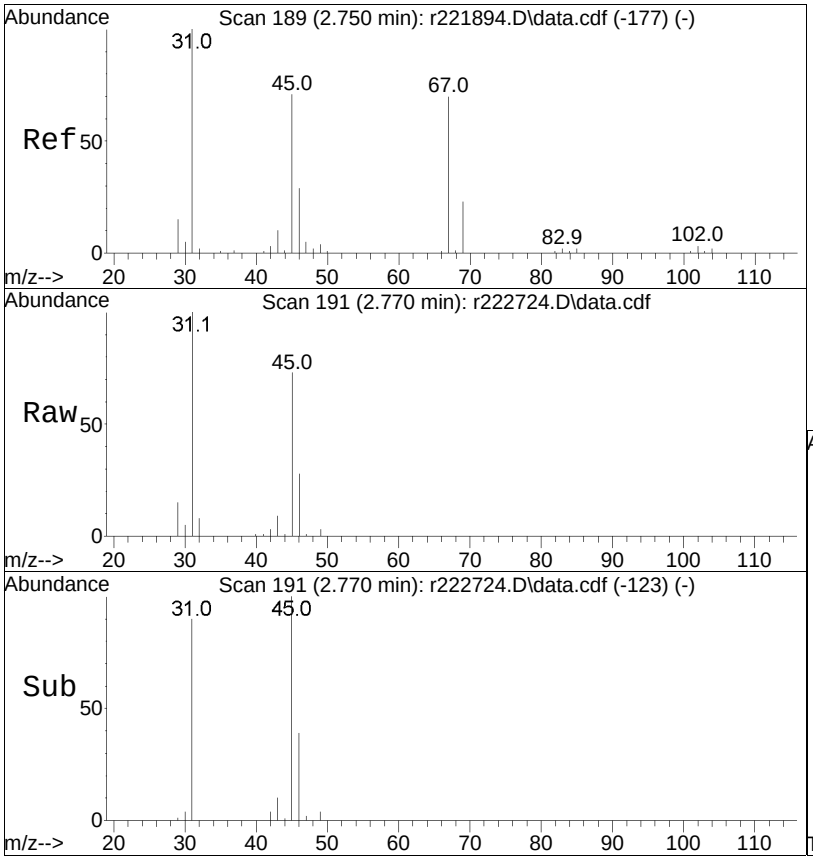


#6
chloromethane
Concen: 0.21 ppbV
RT: 2.330 min Scan# 105
Delta R.T. 0.025 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 50 Resp: 1978

Ion	Ratio	Lower	Upper
50	100		
52	31.2	25.5	38.3

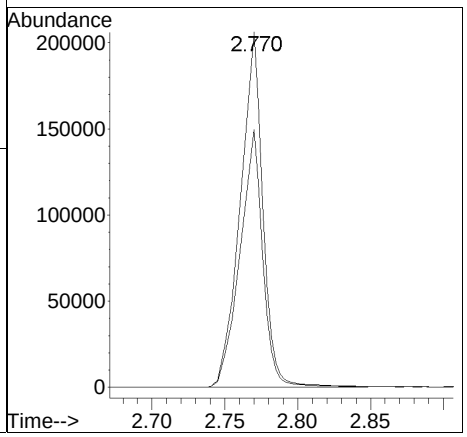


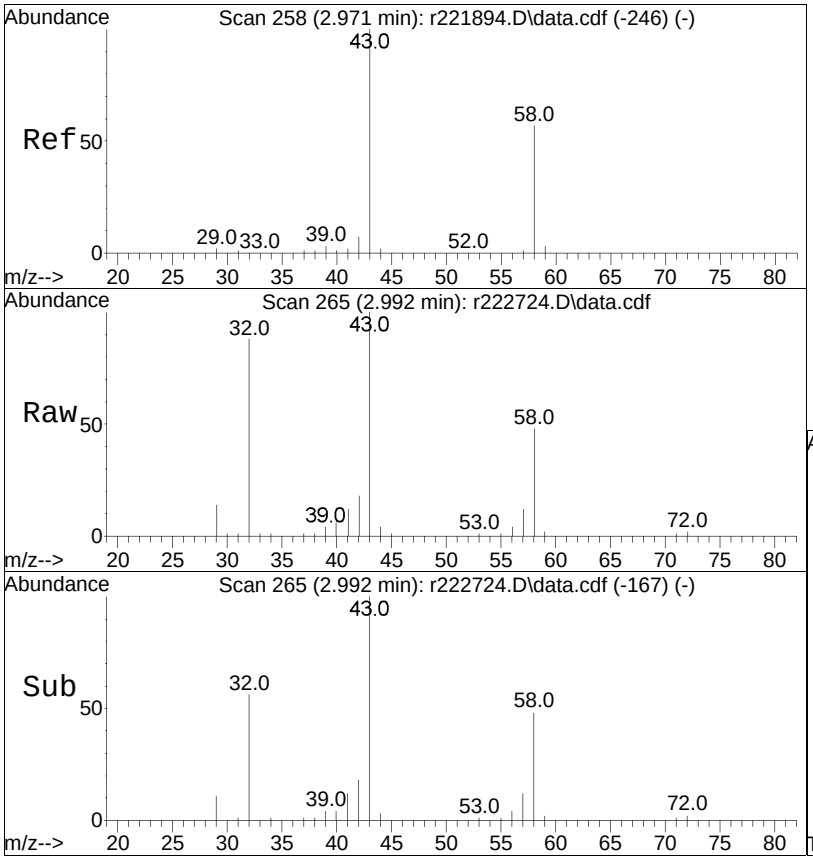


#15
ethanol
Concen: 44.10 ppbV
RT: 2.770 min Scan# 191
Delta R.T. 0.020 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 31 Resp: 153478

Ion	Ratio	Lower	Upper
31	100		
45	72.6	56.6	84.8

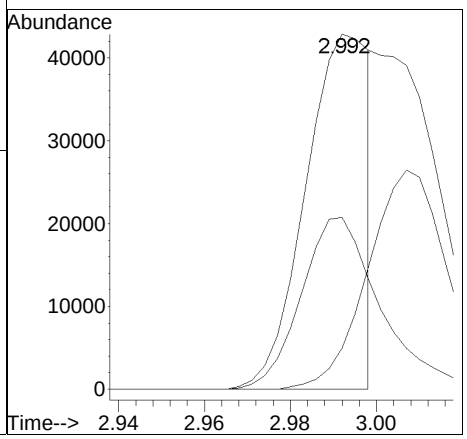


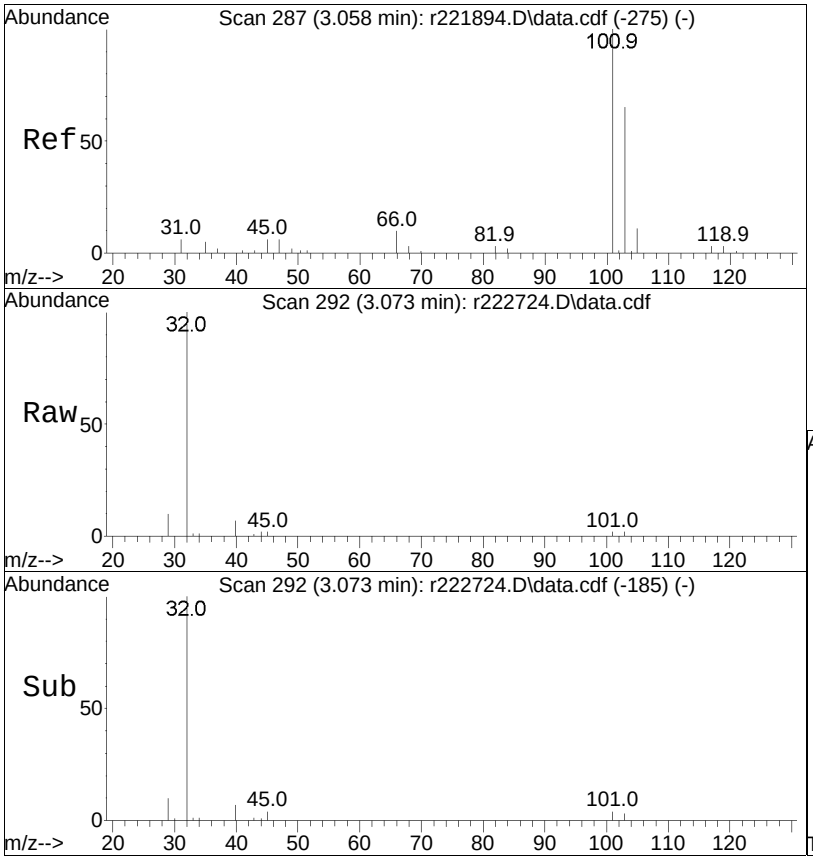


#19
acetone
Concen: 6.33 ppbV m
RT: 2.992 min Scan# 265
Delta R.T. 0.021 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 43 Resp: 44112

Ion	Ratio	Lower	Upper
43	100		
58	48.4	45.5	68.3
57	11.6	1.0	1.6#

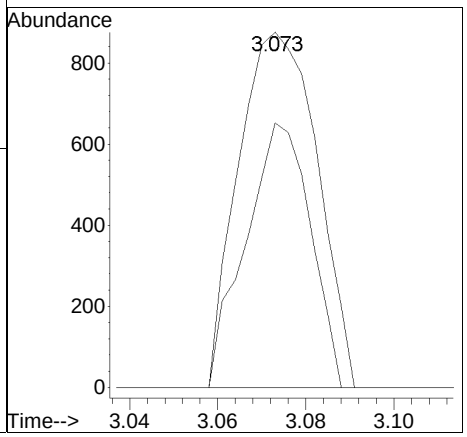


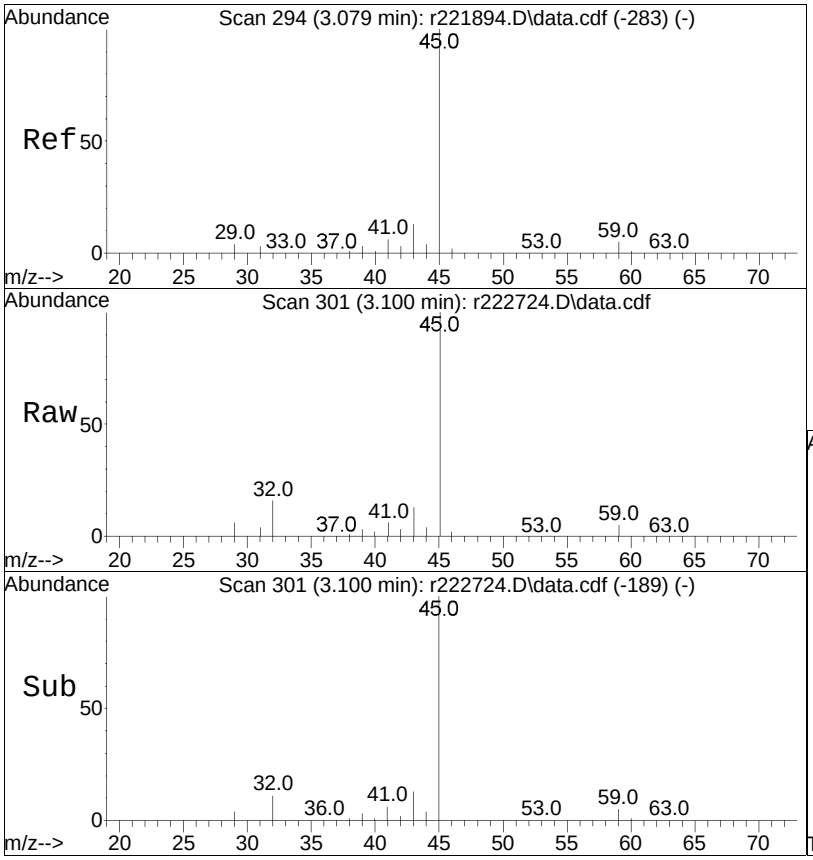


#21
trichlorofluoromethane
Concen: 0.12 ppbV
RT: 3.073 min Scan# 292
Delta R.T. 0.015 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion:101 Resp: 1086

Ion	Ratio	Lower	Upper
101	100		
103	74.4	52.2	78.4

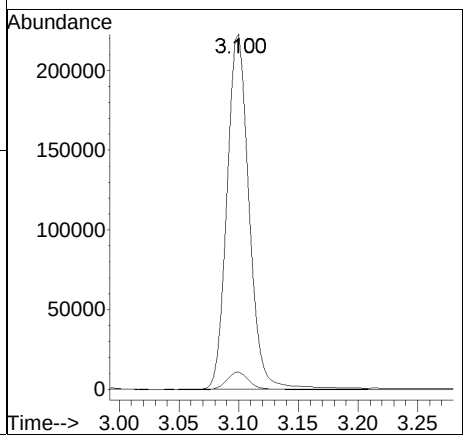


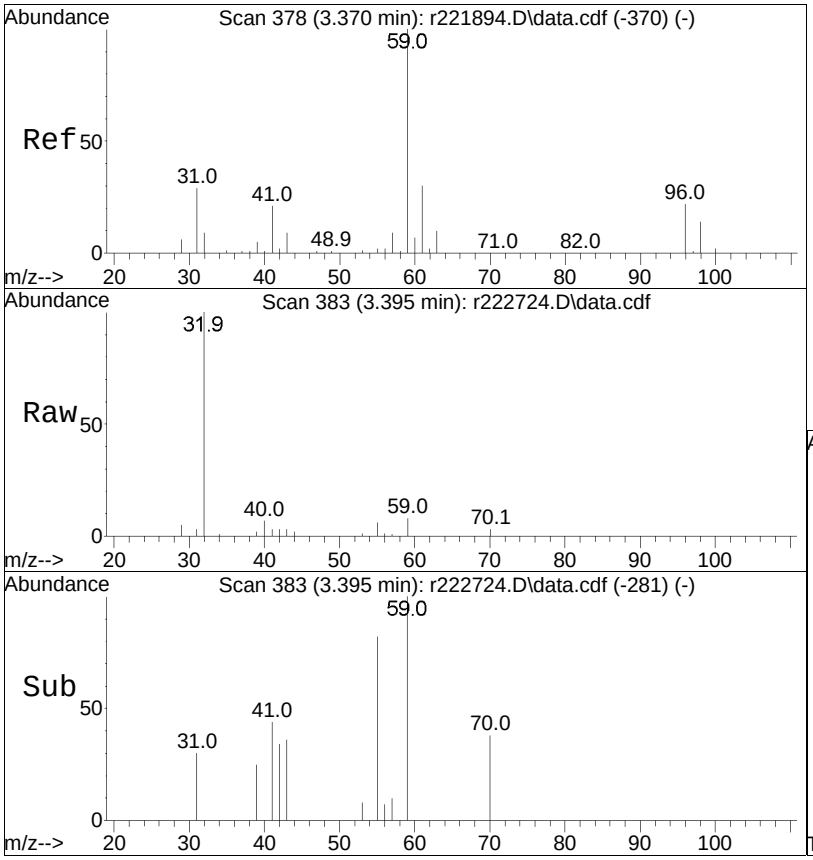


#22
isopropyl alcohol
Concen: 24.93 ppbV
RT: 3.100 min Scan# 301
Delta R.T. 0.021 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 45 Resp: 288143

Ion	Ratio	Lower	Upper
45	100		
59	4.9	4.0	6.0

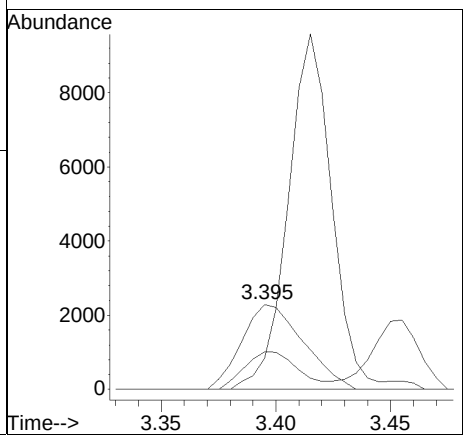


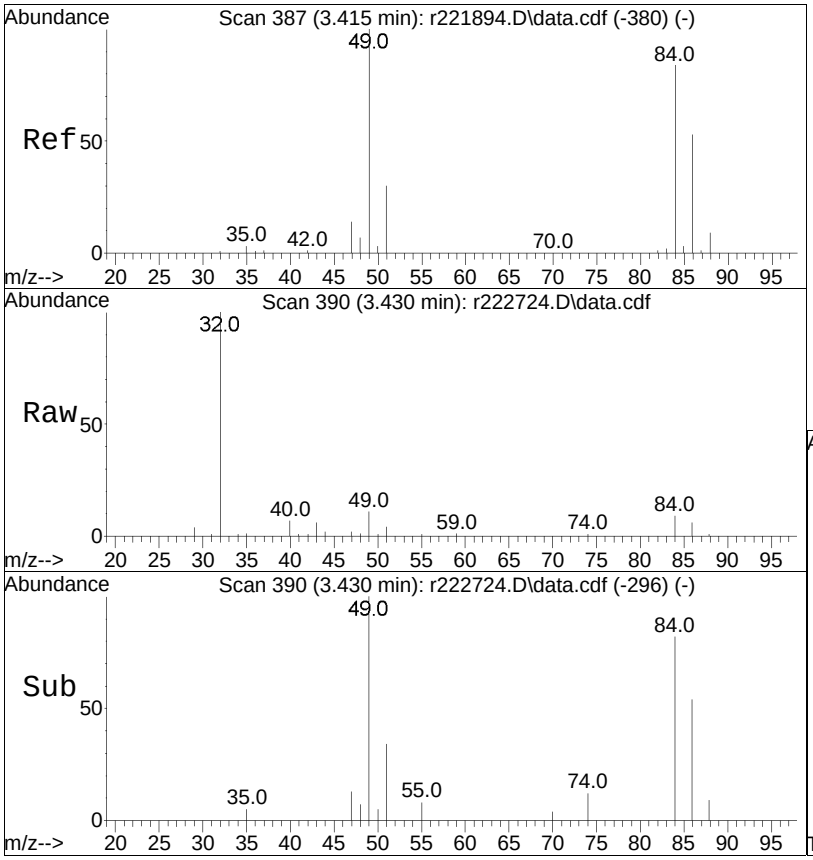


#27
tertiary butyl alcohol
Concen: 0.16 ppbV
RT: 3.395 min Scan# 383
Delta R.T. 0.025 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 59 Resp: 4292

Ion	Ratio	Lower	Upper
59	100		
41	44.2	16.9	25.3#
43	36.4	7.5	11.3#

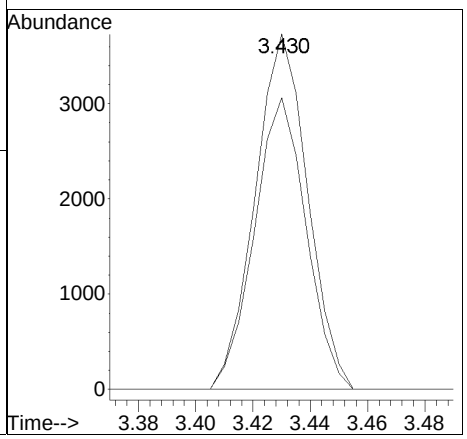


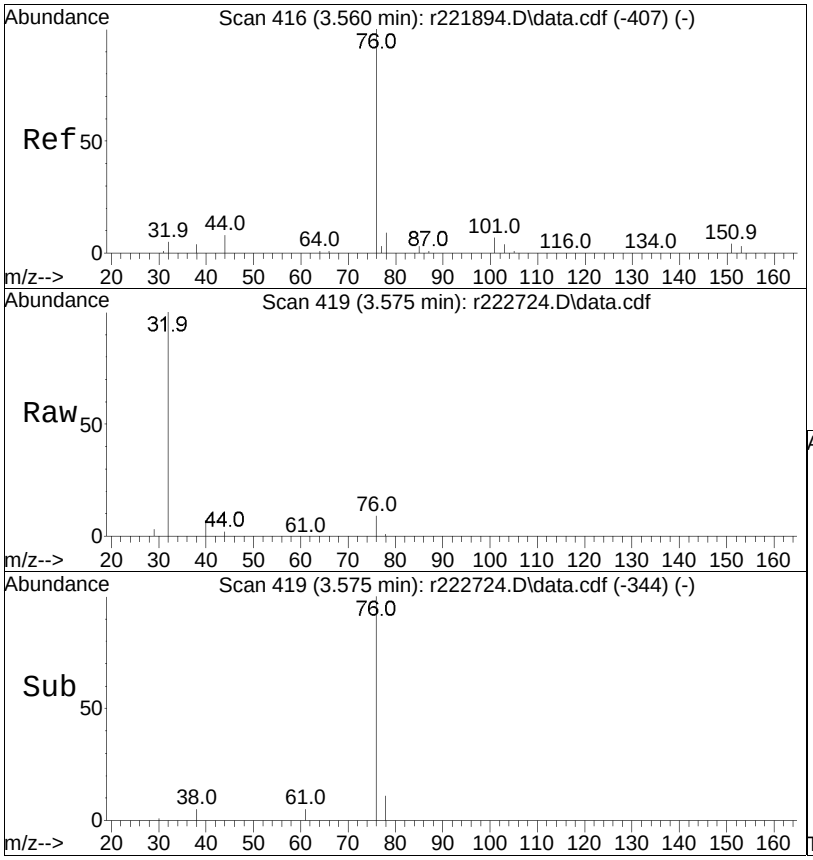


#28
methylene chloride
Concen: 0.28 ppbV
RT: 3.430 min Scan# 390
Delta R.T. 0.015 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 49 Resp: 4756

Ion	Ratio	Lower	Upper
49	100		
84	82.1	67.2	100.8

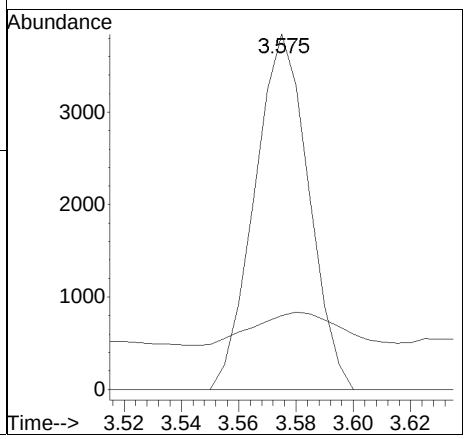


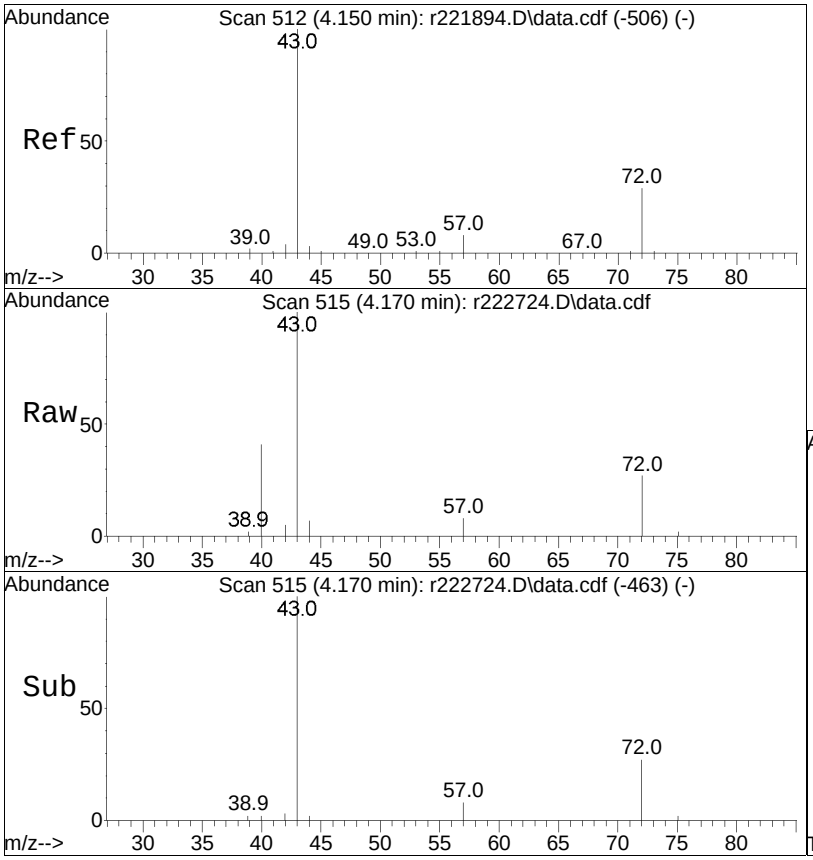


#30
carbon disulfide
Concen: 0.11 ppbV
RT: 3.575 min Scan# 419
Delta R.T. 0.015 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 76 Resp: 5036

Ion	Ratio	Lower	Upper
76	100		
44	20.8	6.8	10.2#

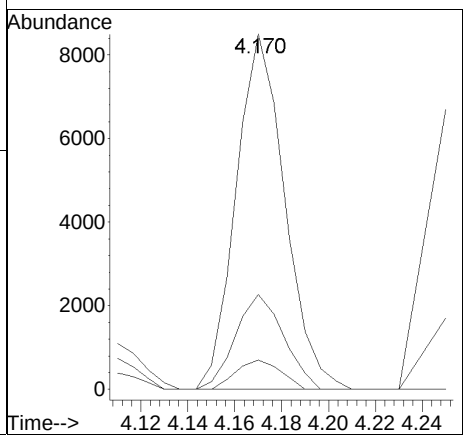


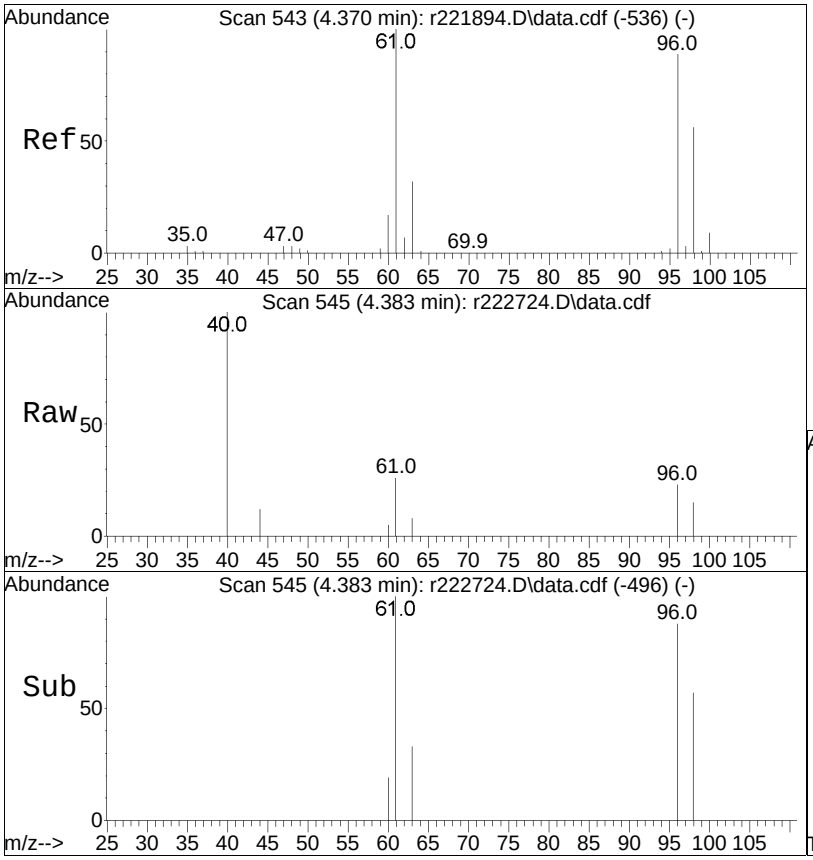


#36
2-butanone
Concen: 0.35 ppbV
RT: 4.170 min Scan# 515
Delta R.T. 0.020 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 43 Resp: 12270

Ion	Ratio	Lower	Upper
43	100		
72	26.7	23.0	34.6
57	8.3	6.3	9.5

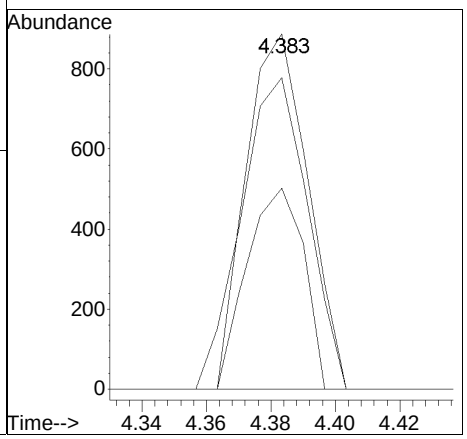


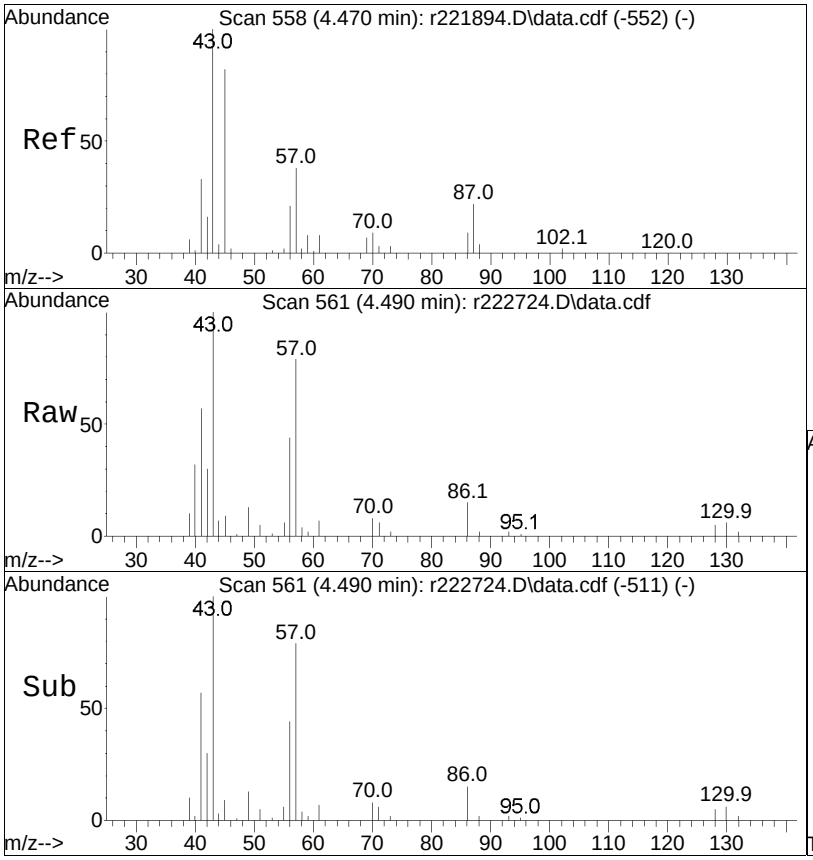


#37
cis-1,2-dichloroethene
Concen: 0.06 ppbV
RT: 4.383 min Scan# 545
Delta R.T. 0.013 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 61 Resp: 1187

Ion	Ratio	Lower	Upper
61	100		
96	87.7	71.0	106.4
98	56.6	44.8	67.2

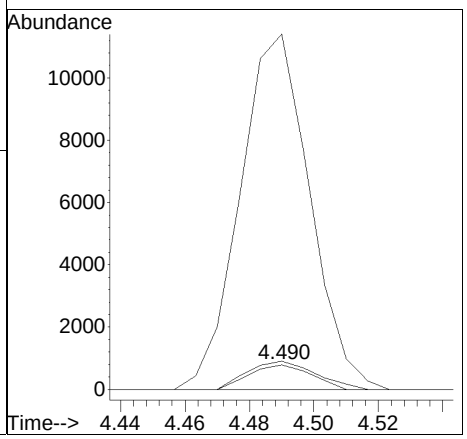


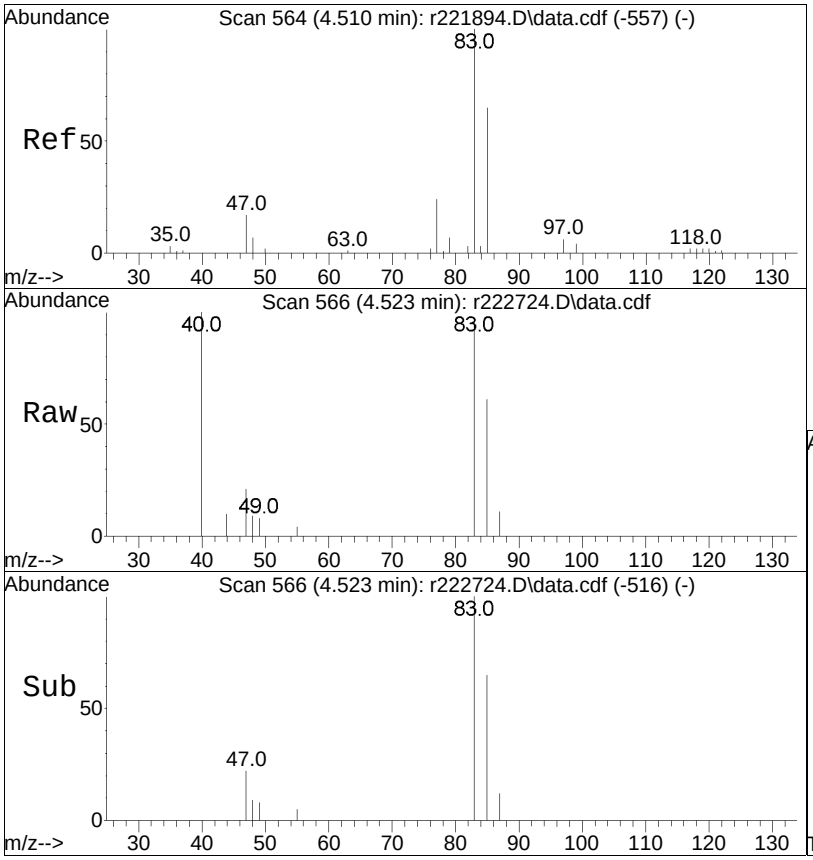


#38
Ethyl Acetate
Concen: 0.19 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 61 Resp: 1054

Ion	Ratio	Lower	Upper
61	100		
70	115.1	91.7	137.5
43	1447.7	971.0	1456.6

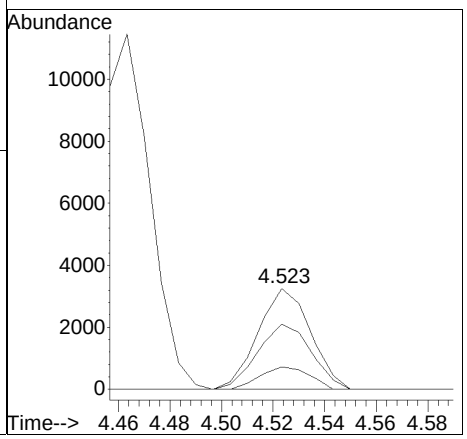


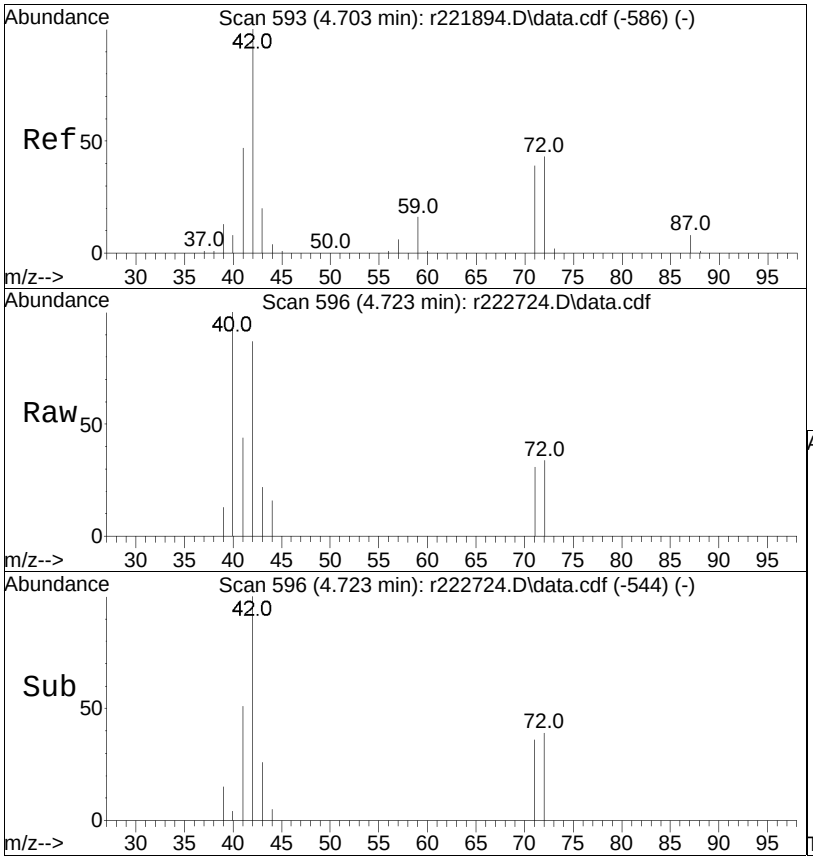


#39
chloroform
Concen: 0.19 ppbV
RT: 4.523 min Scan# 566
Delta R.T. 0.013 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 83 Resp: 4606

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	79.0
47	22.4	15.1	22.7

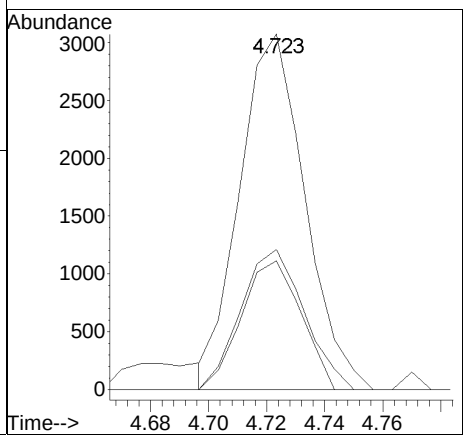


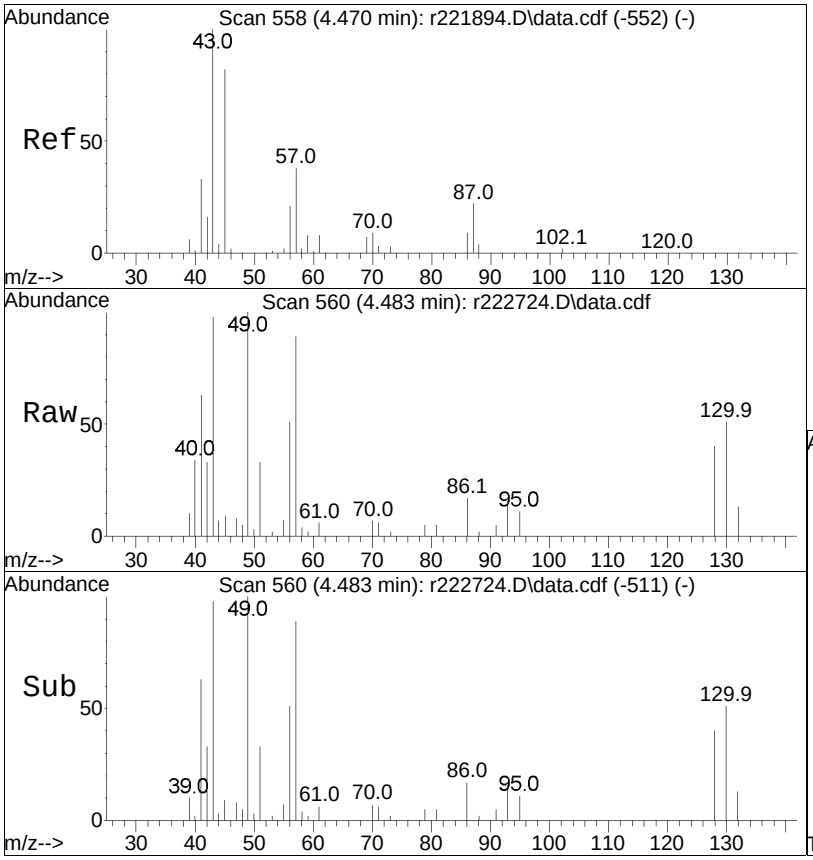


#40
Tetrahydrofuran
Concen: 0.21 ppbV m
RT: 4.723 min Scan# 596
Delta R.T. 0.020 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 42 Resp: 4801

Ion	Ratio	Lower	Upper
42	100		
71	36.2	31.4	47.2
72	39.4	34.3	51.5

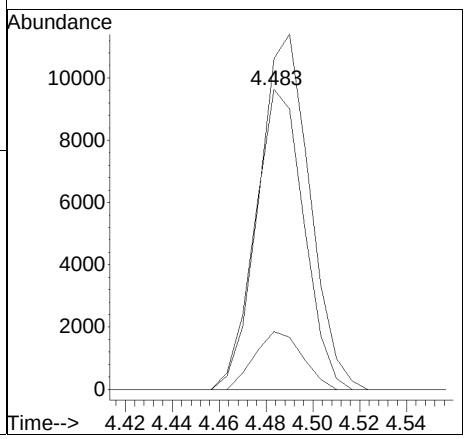


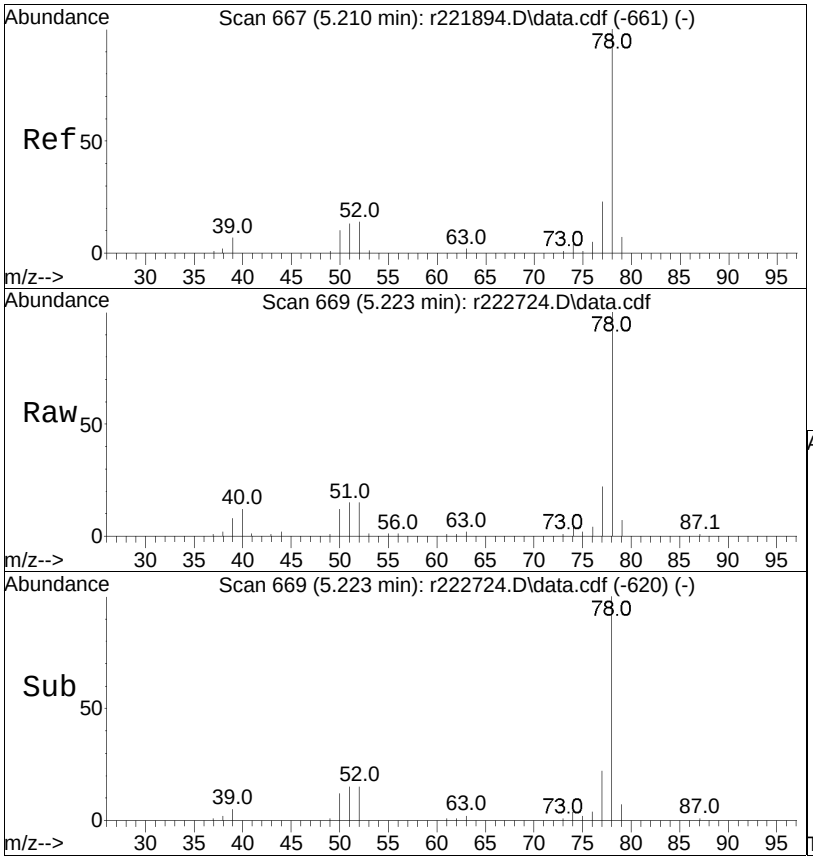


#44
hexane
Concen: 0.58 ppbV
RT: 4.483 min Scan# 560
Delta R.T. 0.013 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 57 Resp: 13972

Ion	Ratio	Lower	Upper
57	100		
43	110.2	210.8	316.2#
86	19.3	17.9	26.9

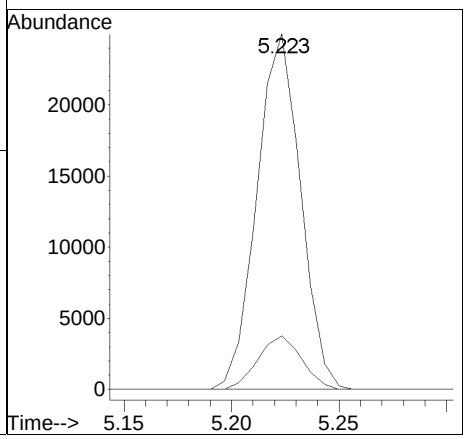


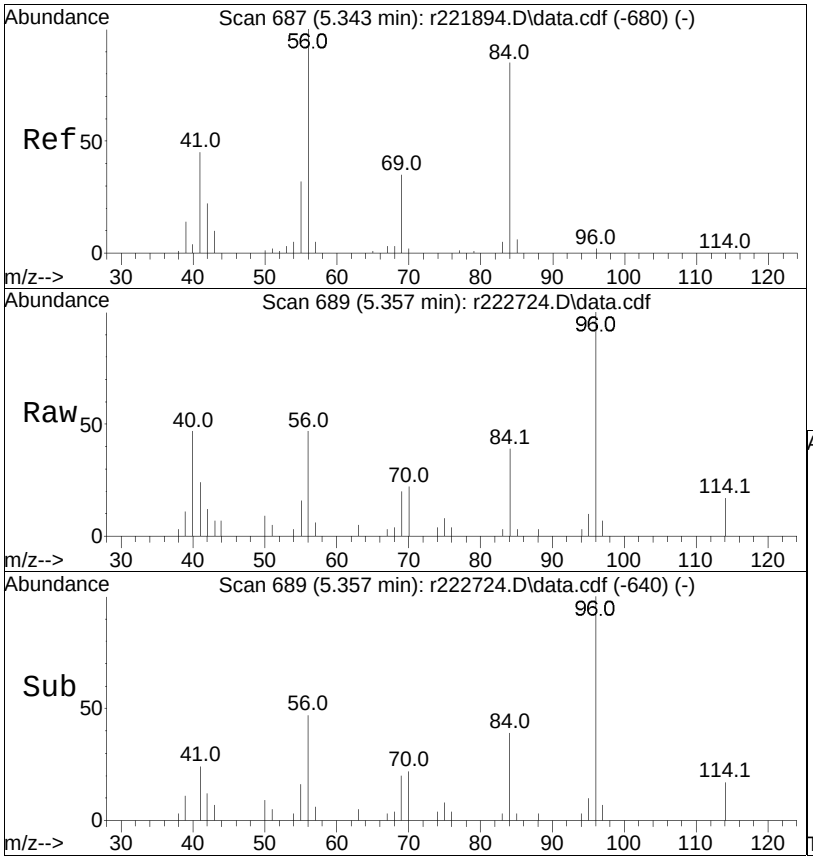


#50
benzene
Concen: 0.69 ppbV
RT: 5.223 min Scan# 669
Delta R.T. 0.013 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 78 Resp: 35350

Ion	Ratio	Lower	Upper
78	100		
52	15.0	11.3	16.9

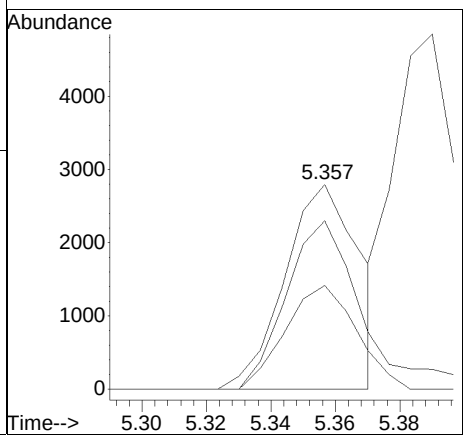


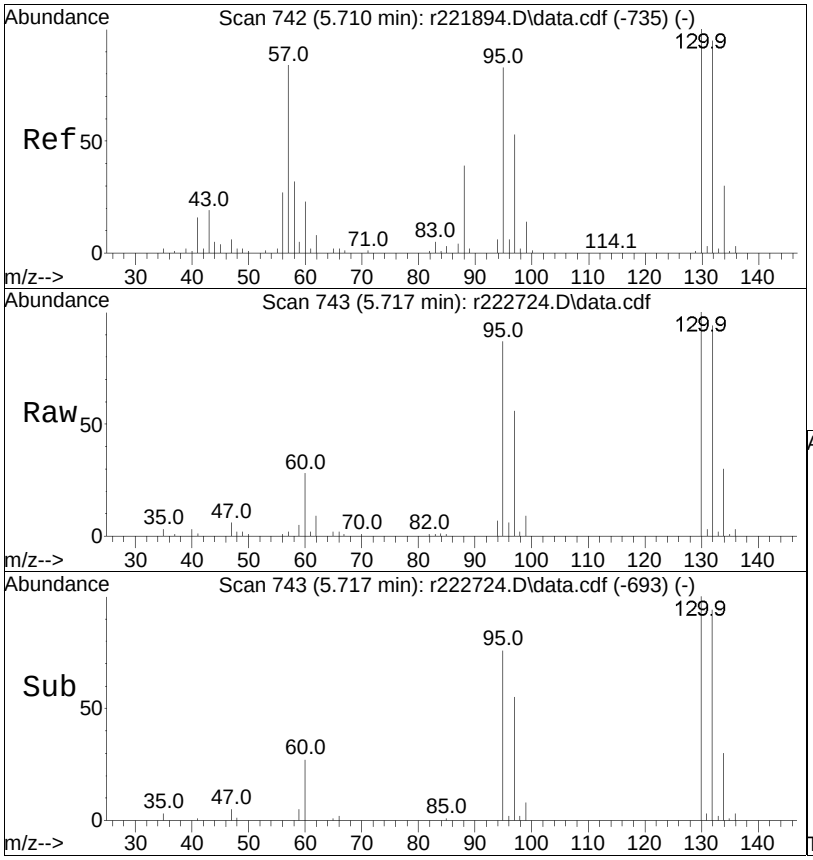


#53
cyclohexane
Concen: 0.16 ppbV
RT: 5.357 min Scan# 689
Delta R.T. 0.013 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 56 Resp: 4489

Ion	Ratio	Lower	Upper
56	100		
84	82.3	70.9	106.3
41	50.7	35.8	53.6

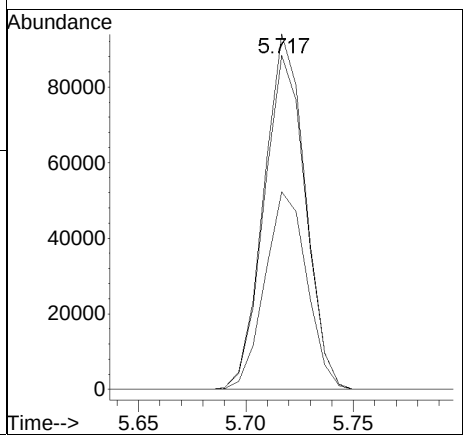


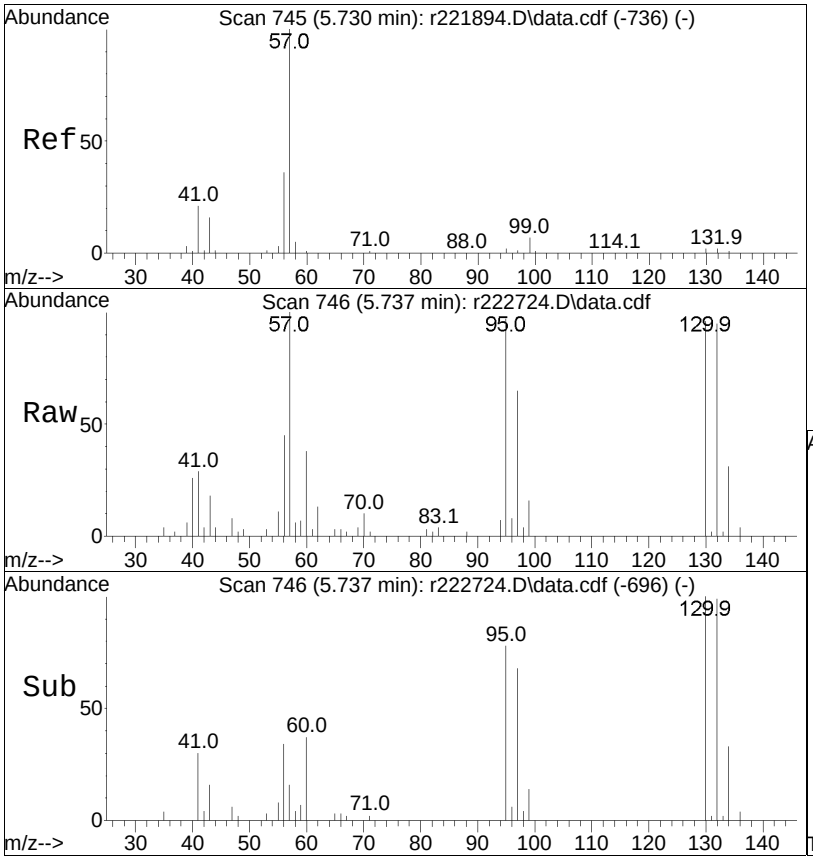


#59
trichloroethene
Concen: 6.21 ppbV
RT: 5.717 min Scan# 743
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion:130 Resp: 125688

Ion	Ratio	Lower	Upper
130	100		
132	94.0	75.9	113.9
97	55.6	42.5	63.7

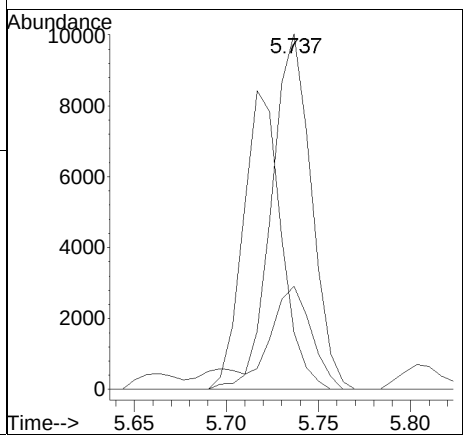


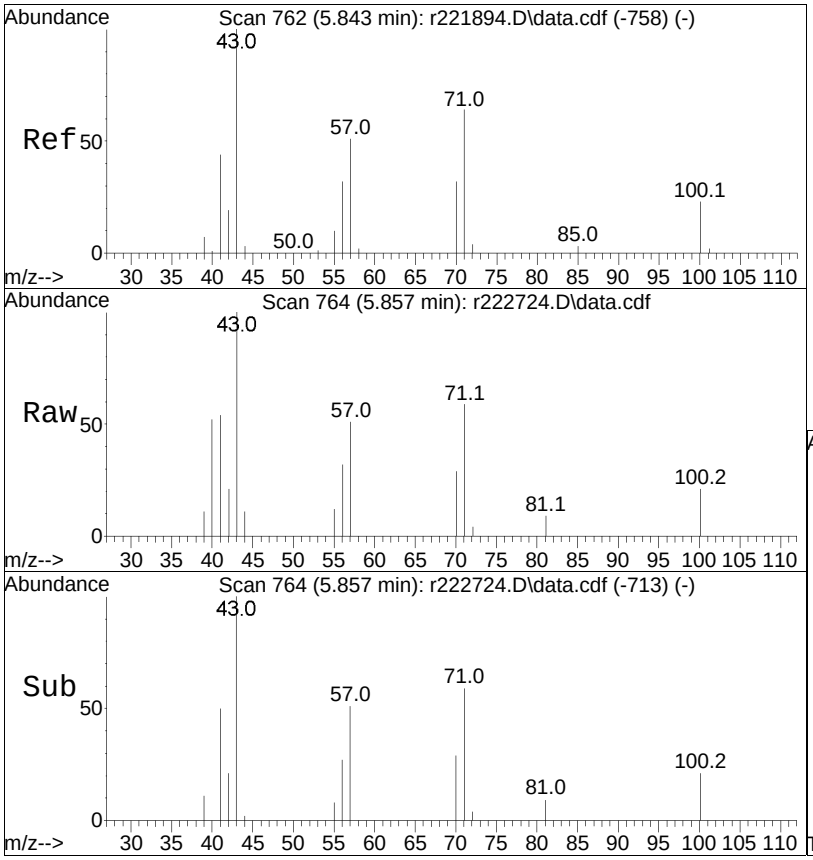


#60
2,2,4-trimethylpentane
Concen: 0.19 ppbV
RT: 5.737 min Scan# 746
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 57 Resp: 15053

Ion	Ratio	Lower	Upper
57	100		
99	16.0	5.7	8.5#
41	29.0	16.9	25.3#

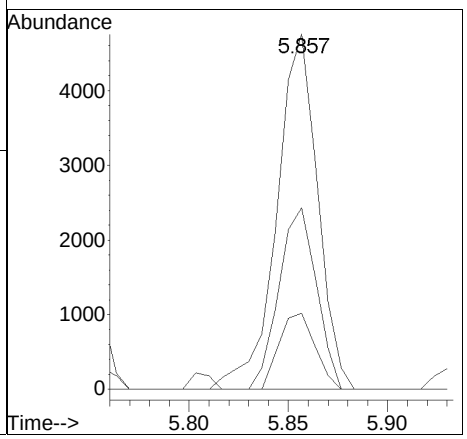


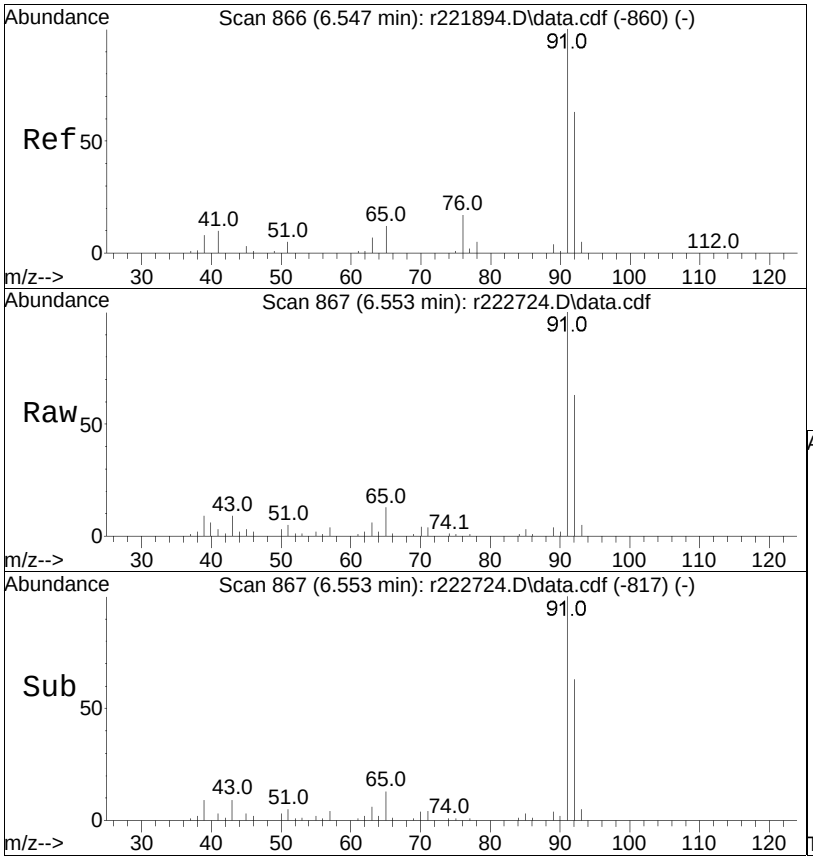


#62
heptane
Concen: 0.22 ppbV
RT: 5.857 min Scan# 764
Delta R.T. 0.013 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 43 Resp: 6842

Ion	Ratio	Lower	Upper
43	100		
57	51.1	40.4	60.6
100	21.4	19.0	28.6

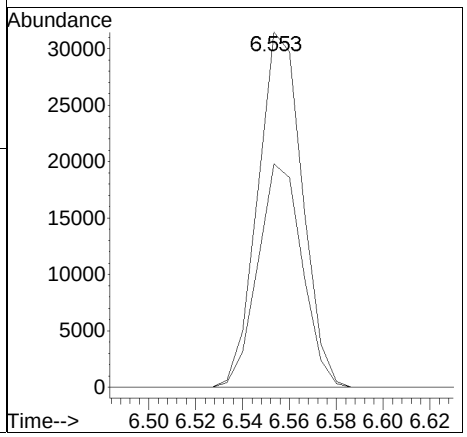


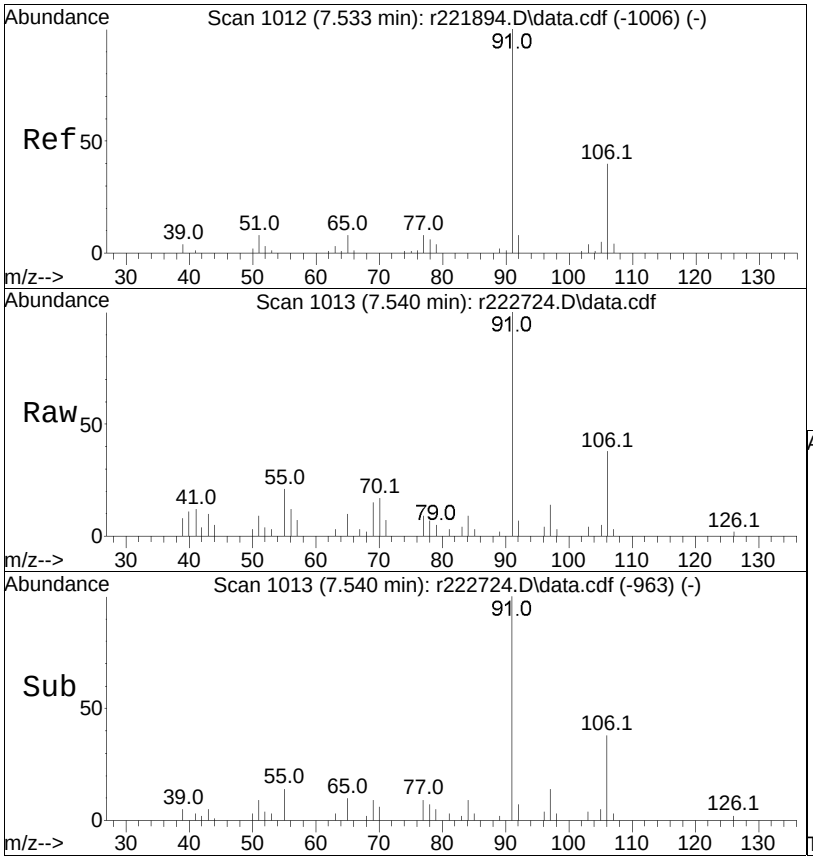


#68
toluene
Concen: 0.56 ppbV
RT: 6.553 min Scan# 867
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 91 Resp: 41570

Ion	Ratio	Lower	Upper
91	100		
92	62.9	50.7	76.1

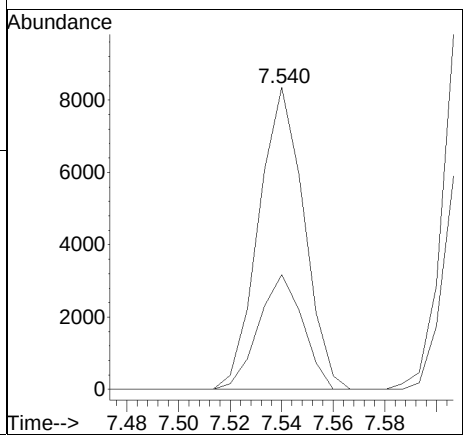


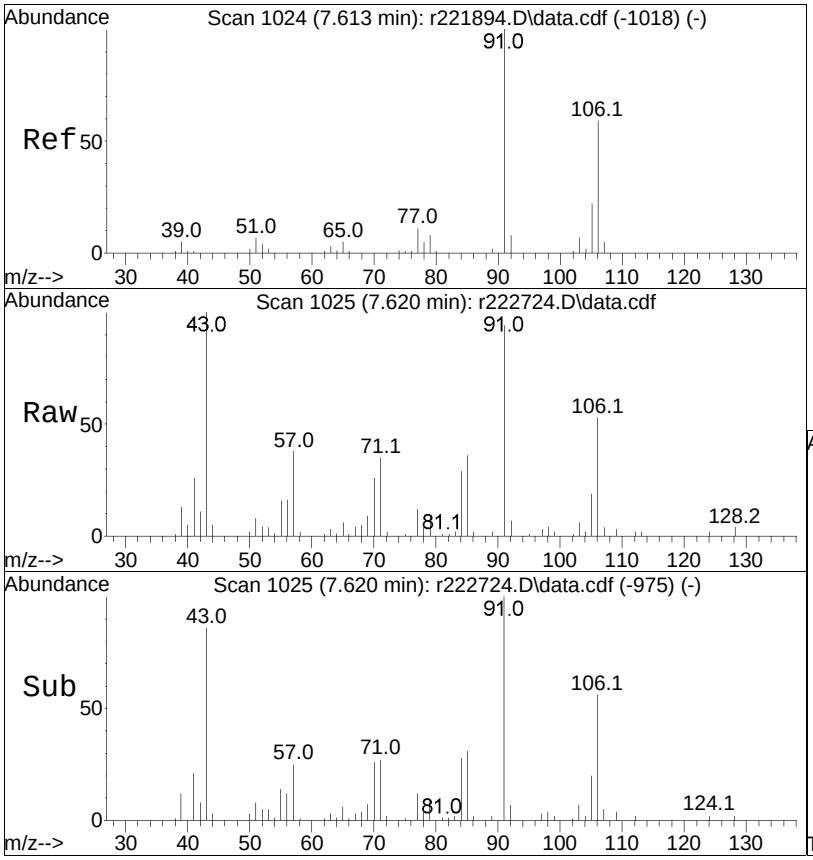


#81
ethylbenzene
Concen: 0.11 ppbV
RT: 7.540 min Scan# 1013
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 91 Resp: 10195

Ion	Ratio	Lower	Upper
91	100		
106	38.0	31.7	47.5

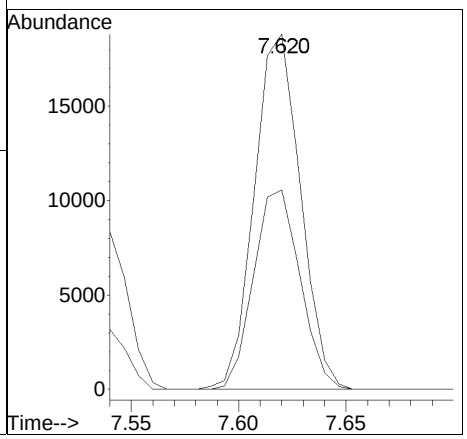


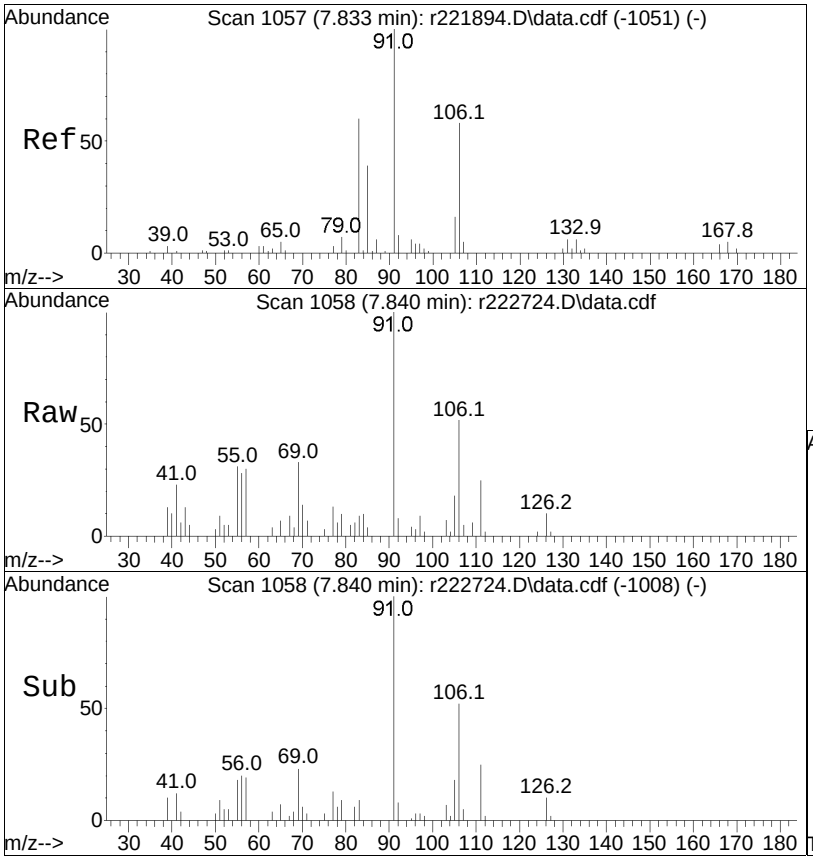


#83
m+p-xylene
Concen: 0.40 ppbV
RT: 7.620 min Scan# 1025
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 91 Resp: 28112

Ion	Ratio	Lower	Upper
91	100		
106	56.1	47.4	71.2

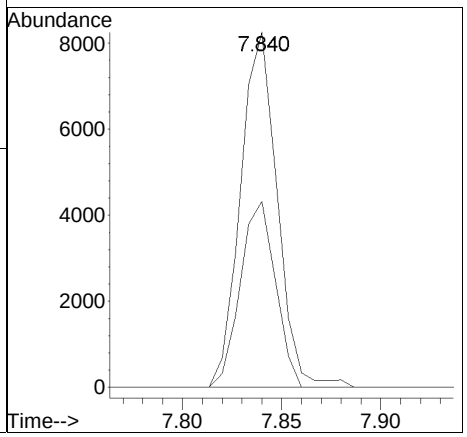


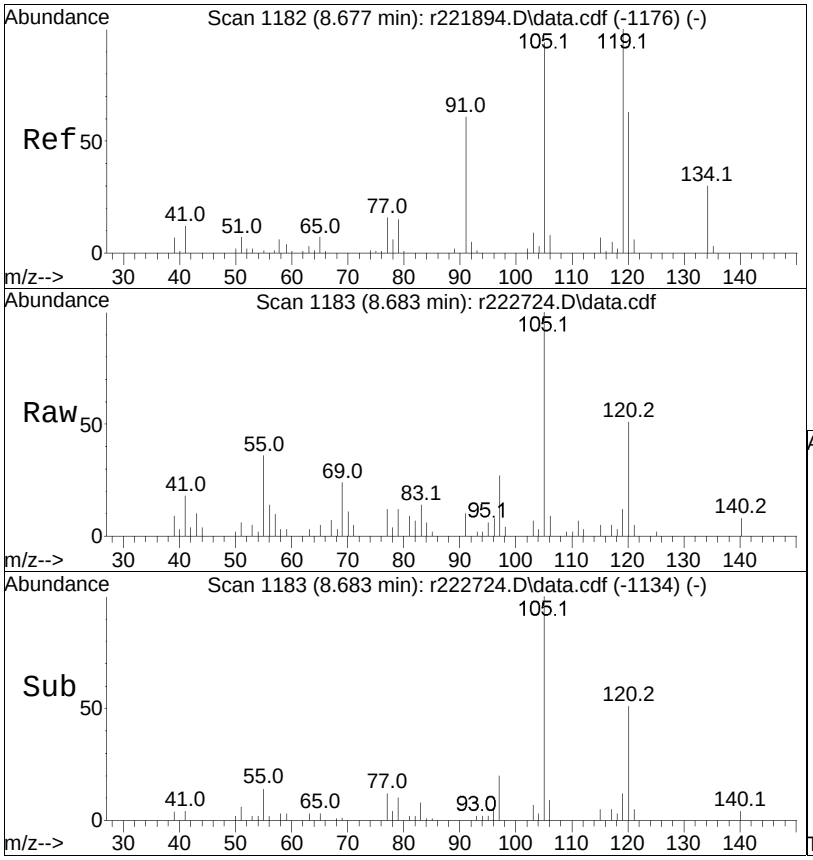


#87
o-xylene
Concen: 0.16 ppbV
RT: 7.840 min Scan# 1058
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion: 91 Resp: 10637

Ion	Ratio	Lower	Upper
91	100		
106	52.4	46.2	69.4

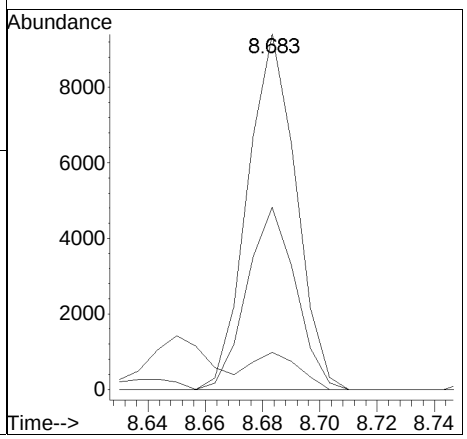




#99
1,2,4-trimethylbenzene
Concen: 0.14 ppbV
RT: 8.683 min Scan# 1183
Delta R.T. 0.007 min
Lab File: r222724.D
Acq: 29 Feb 2024 3:23 AM

Tgt Ion:105 Resp: 11052

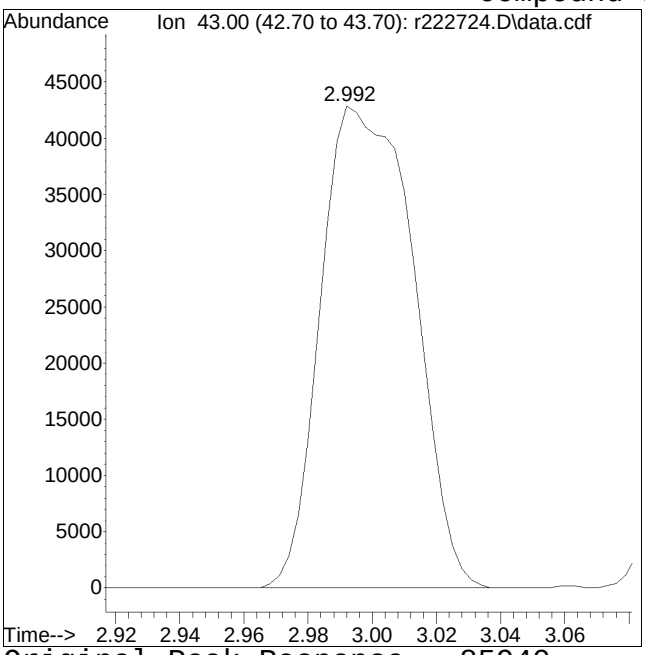
Ion	Ratio	Lower	Upper
105	100		
120	51.3	53.8	80.8#
91	10.4	52.2	78.2#



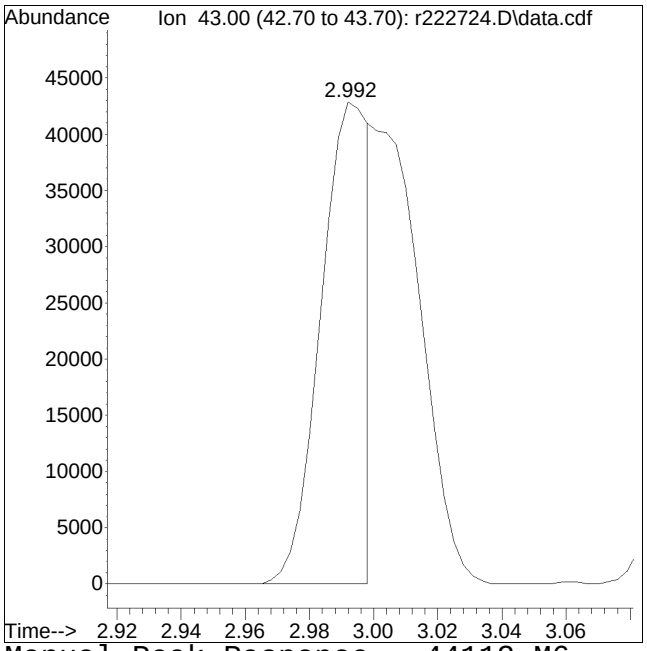
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222724.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:3: 3 Instrument :
Sample : L2409115-04D,3,127.12,250 Quant Date : 2/29/2024 6:42 am

Compound #19: acetone



Original Peak Response = 85940



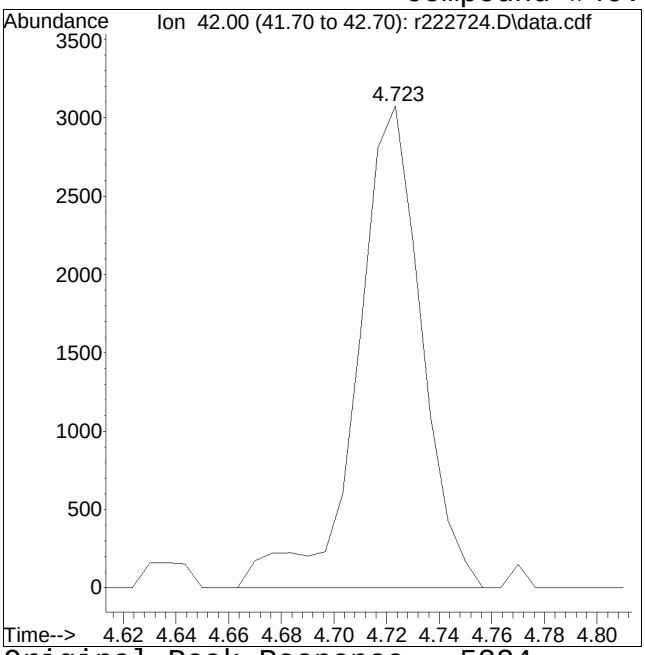
Manual Peak Response = 44112 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

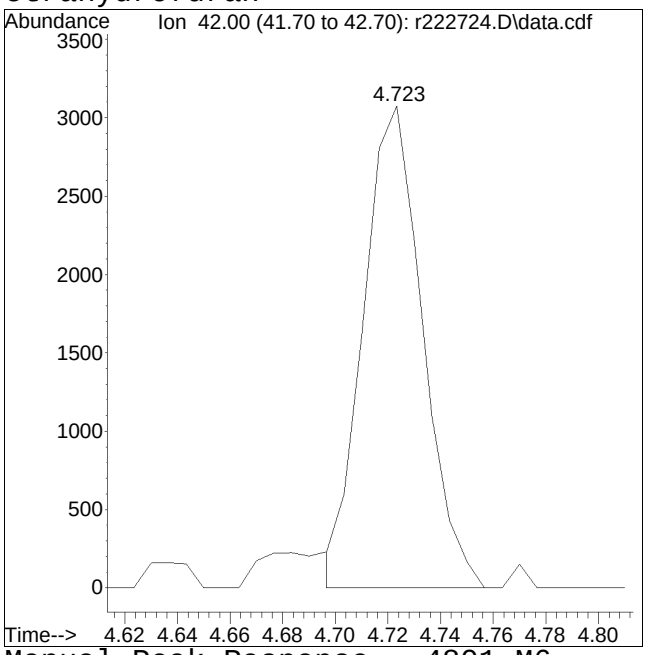
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222724.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:3: 3 Instrument :
Sample : L2409115-04D,3,127.12,250 Quant Date : 2/29/2024 6:42 am

Compound #40: Tetrahydrofuran



Original Peak Response = 5224



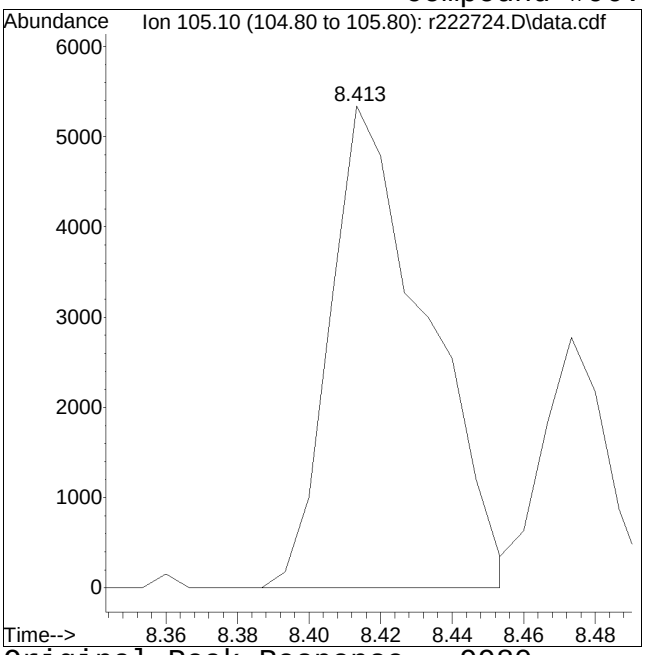
Manual Peak Response = 4801 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

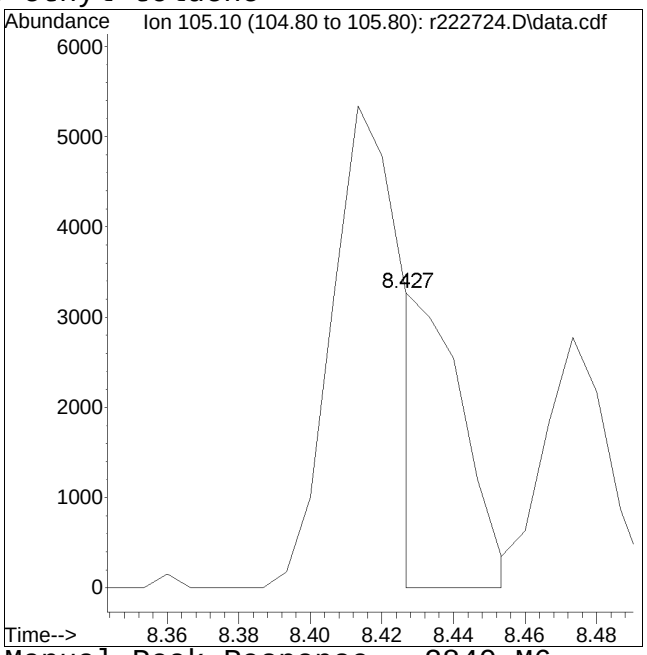
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222724.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:3: 3 Instrument :
Sample : L2409115-04D,3,127.12,250 Quant Date : 2/29/2024 6:42 am

Compound #96: 4-ethyl toluene



Original Peak Response = 9980



Manual Peak Response = 2840 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222725.D
Acq On : 29 Feb 2024 3:54 AM
Operator : AIRLAB22:JMB
Sample : L2409115-05D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:43:09 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.457	49	213513	10.000	ppbV	0.00
Standard Area = 218491			Recovery = 97.72%			
43) 1,4-difluorobenzene	5.383	114	677754	10.000	ppbV	0.00
Standard Area = 693129			Recovery = 97.78%			
67) chlorobenzene-D5	7.353	54	87628	10.000	ppbV #	0.00
Standard Area = 86392			Recovery = 101.43%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.215	85	4678	0.272	ppbV	98
6) chloromethane	2.320	50	877	0.094	ppbV	91
7) Freon-114	0.000		0	N.D.	d	
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	2.520		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	2.755	31	240143	70.024	ppbV	94
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.986	43	36932M6	5.376	ppbV	
21) trichlorofluoromethane	3.070	101	1098	0.120	ppbV	95
22) isopropyl alcohol	3.091	45	518515	45.528	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	3.390	59	6298	0.245	ppbV #	54
28) methylene chloride	3.425	49	3668	0.217	ppbV	94
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	3.570	76	7406	0.158	ppbV #	71
31) Freon 113	3.550		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.	d	
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	3.970		0	N.D.		
36) 2-butanone	4.163	43	7366	0.212	ppbV	95
37) cis-1,2-dichloroethene	0.000		0	N.D.	d	
38) Ethyl Acetate	4.483	61	1664	0.308	ppbV	81
39) chloroform	4.523		0	N.D.		
40) Tetrahydrofuran	4.717	42	5972M6	0.271	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	4.483	57	11282	0.471	ppbV #	50

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222725.D
Acq On : 29 Feb 2024 3:54 AM
Operator : AIRLAB22:JMB
Sample : L2409115-05D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:43:09 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	5.217	78	50424	0.997	ppbV	98
52) carbon tetrachloride	5.290		0	N.D.		
53) cyclohexane	5.350	56	5170	0.188	ppbV	91
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	5.697		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	5.717	130	1708	0.085	ppbV	97
60) 2,2,4-trimethylpentane	5.737	57	14855	0.194	ppbV #	86
62) heptane	5.850	43	8666	0.287	ppbV	96
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	6.513		0	N.D.		
68) toluene	6.553	91	53767	0.736	ppbV	99
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	7.067		0	N.D.		
80) chlorobenzene	7.373		0	N.D.		
81) ethylbenzene	7.540	91	11268	0.127	ppbV	97
83) m+p-xylene	7.620	91	32118	0.467	ppbV	95
84) bromoform	0.000		0	N.D.		
85) styrene	7.787		0	N.D.		
86) 1,1,2,2-tetrachloroethane	7.800		0	N.D.		
87) o-xylene	7.840	91	11872	0.177	ppbV	94
96) 4-ethyl toluene	8.427		0	N.D.		
97) 1,3,5-trimethylbenzene	8.473		0	N.D.		
99) 1,2,4-trimethylbenzene	8.683	105	12975	0.167	ppbV #	56
101) Benzyl Chloride	8.797		0	N.D.		
102) 1,3-dichlorobenzene	8.797		0	N.D.		
103) 1,4-dichlorobenzene	8.797		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 : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222725.D
Acq On : 29 Feb 2024 3:54 AM
Operator : AIRLAB22:JMB
Sample : L2409115-05D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:43:09 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

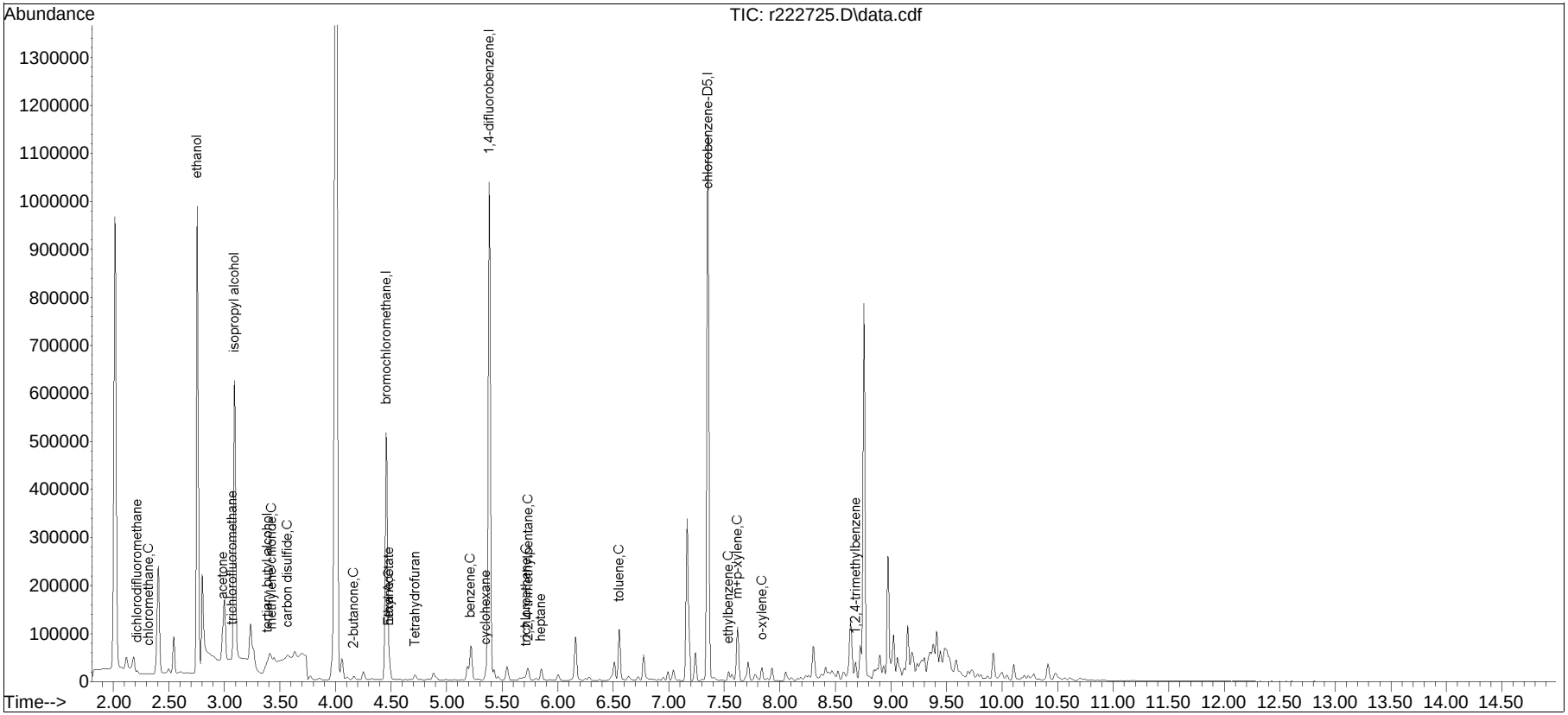
CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY - .

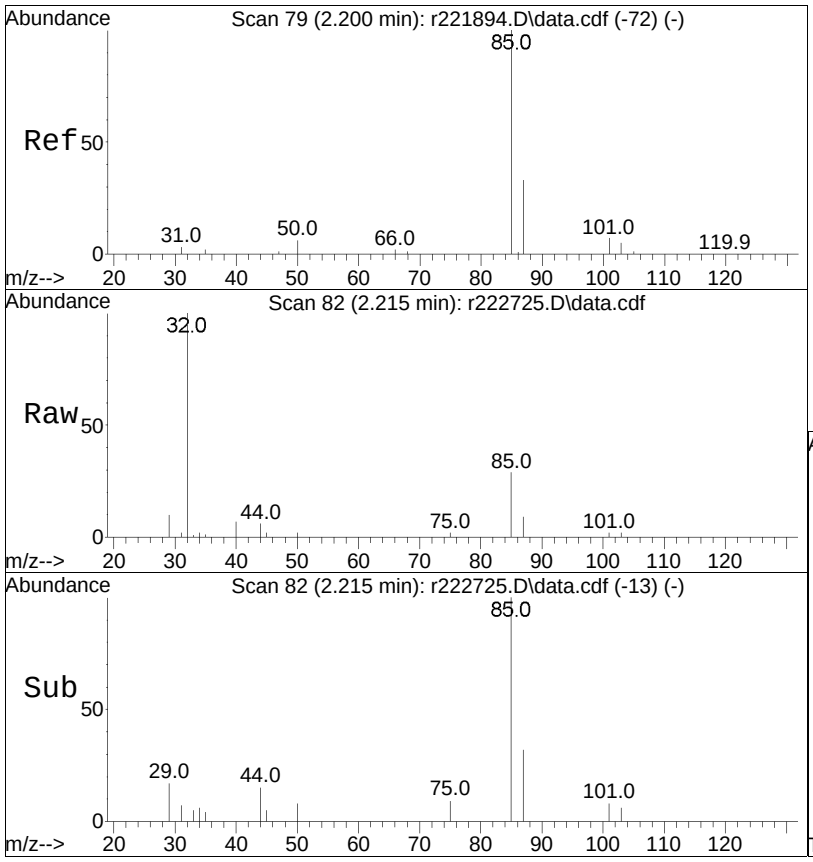
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airlab22\2024\02\0228T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222725.D
Acq On : 29 Feb 2024 3:54 AM
Operator : AIRLAB22:JMB
Sample : L2409115-05D,3,123.32,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:43:09 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

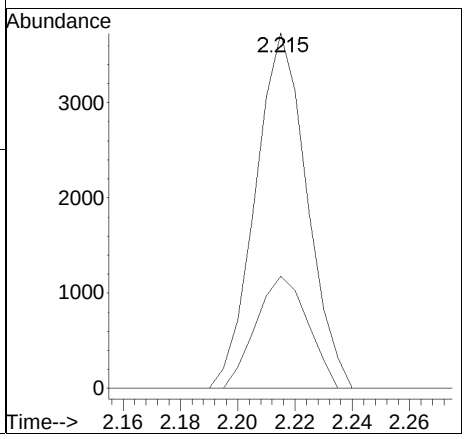


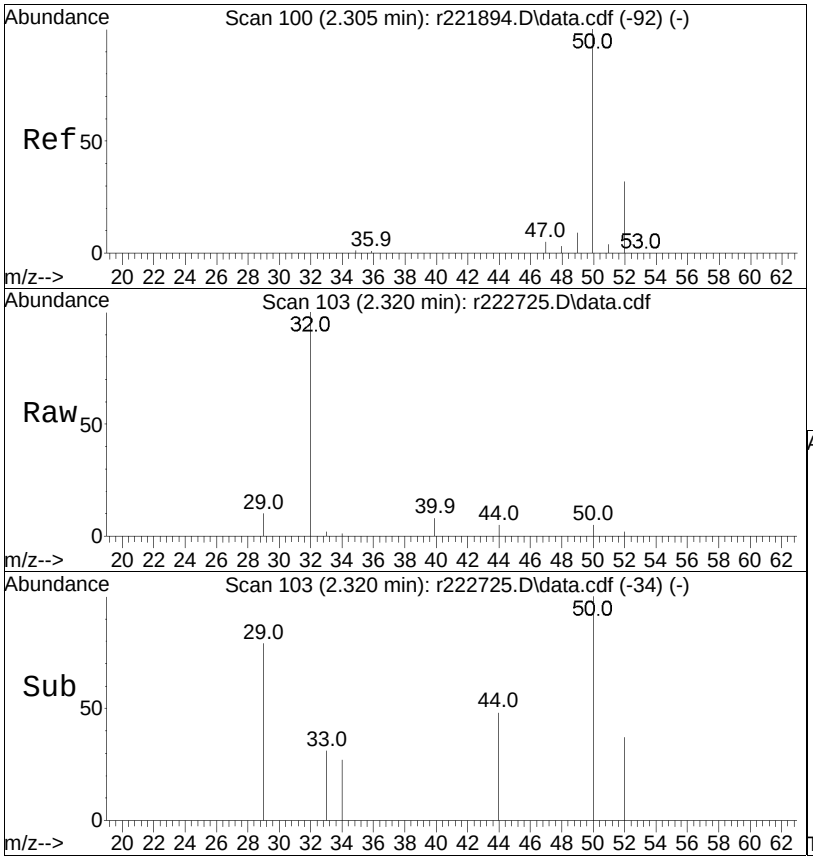


#5
dichlorodifluoromethane
Concen: 0.27 ppbV
RT: 2.215 min Scan# 82
Delta R.T. 0.015 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 85 Resp: 4678

Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.3	39.5

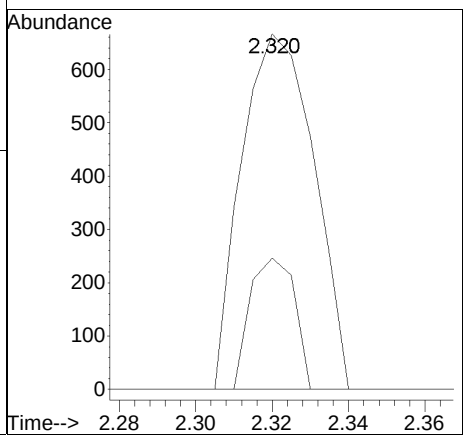


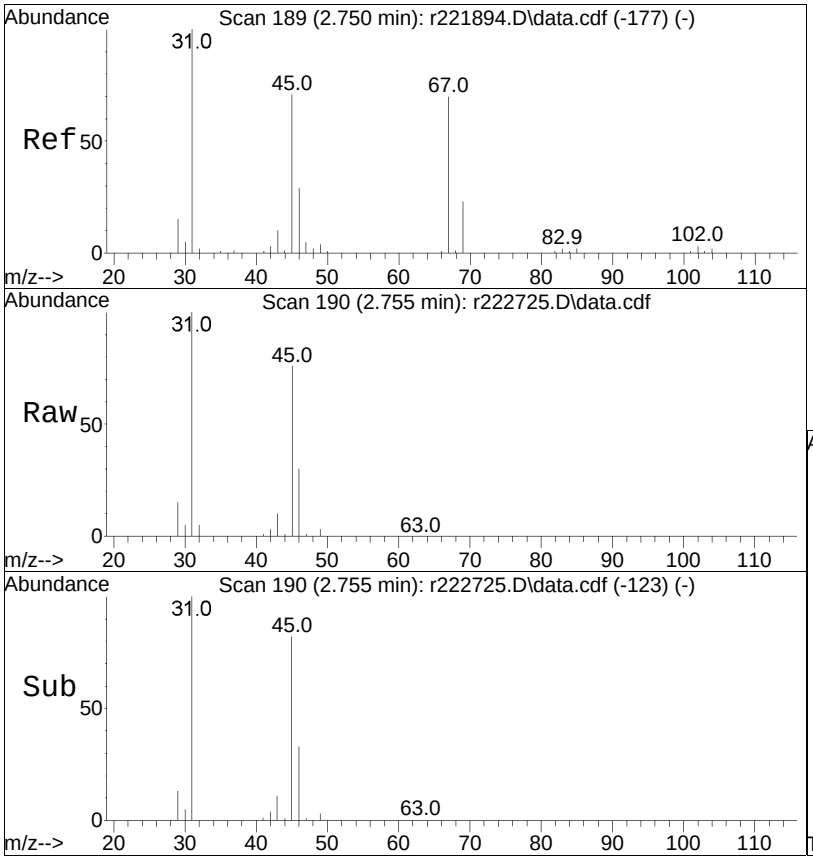


#6
chloromethane
Concen: 0.09 ppbV
RT: 2.320 min Scan# 103
Delta R.T. 0.015 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 50 Resp: 877

Ion	Ratio	Lower	Upper
50	100		
52	36.9	25.5	38.3

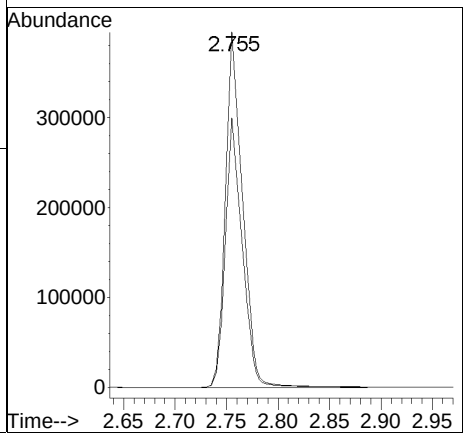


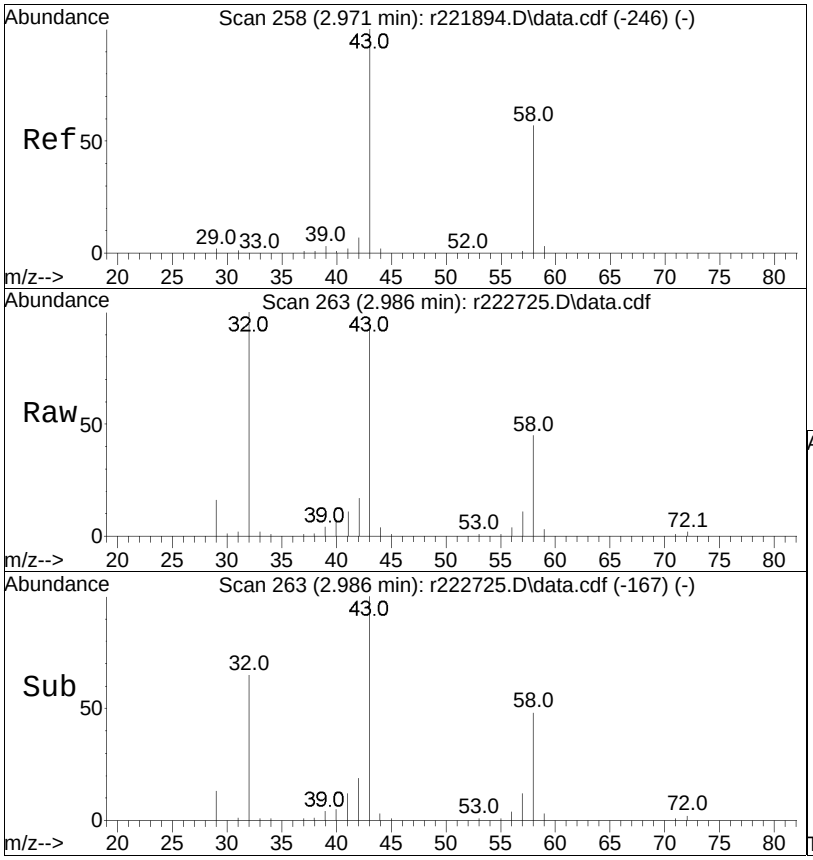


#15
ethanol
Concen: 70.02 ppbV
RT: 2.755 min Scan# 190
Delta R.T. 0.005 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 31 Resp: 240143

Ion	Ratio	Lower	Upper
31	100		
45	75.8	56.6	84.8

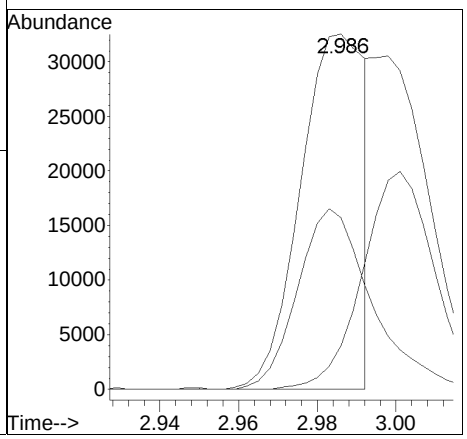


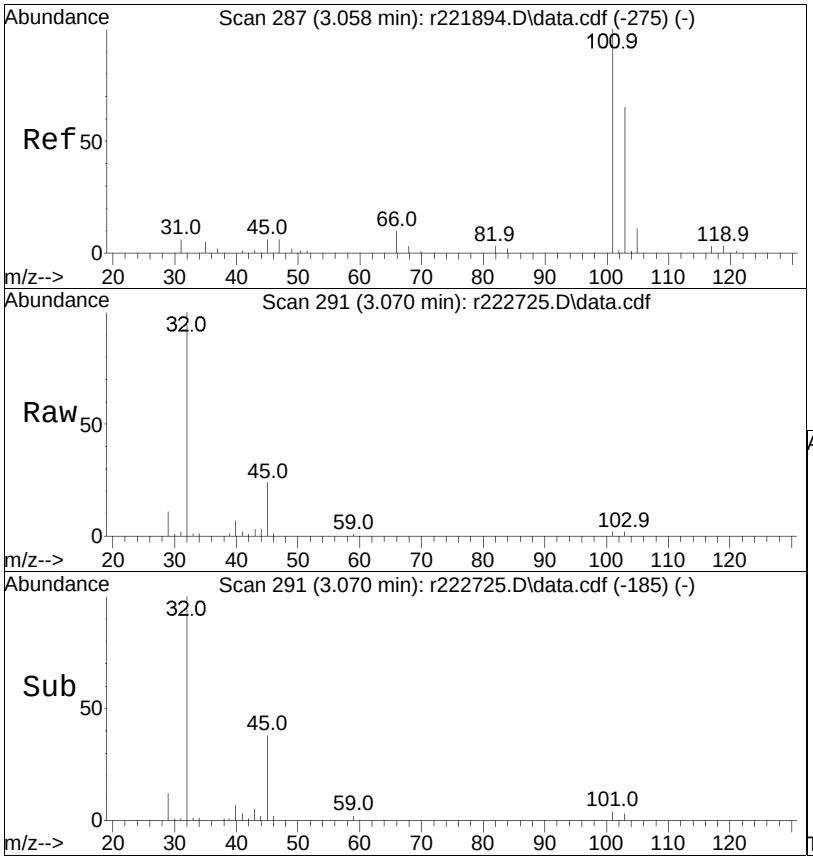


#19
acetone
Concen: 5.38 ppbV m
RT: 2.986 min Scan# 263
Delta R.T. 0.015 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 43 Resp: 36932

Ion	Ratio	Lower	Upper
43	100		
58	48.3	45.5	68.3
57	12.3	1.0	1.6#

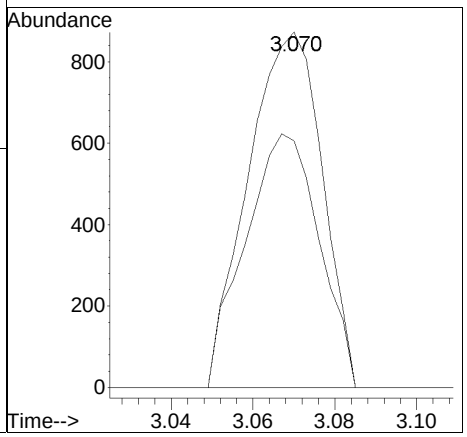


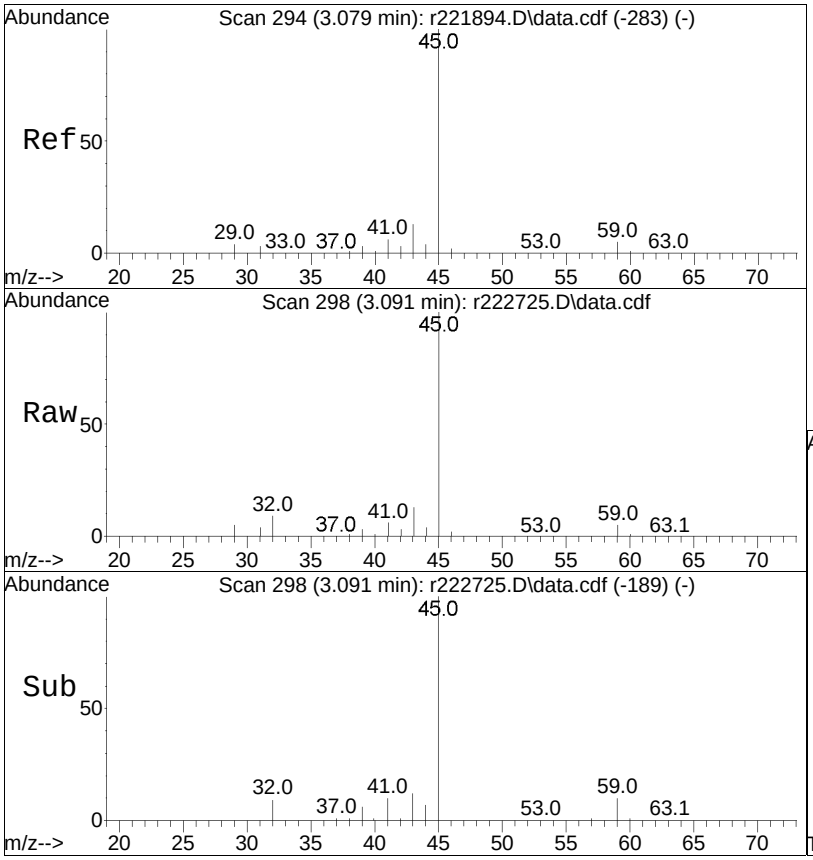


#21
trichlorofluoromethane
Concen: 0.12 ppbV
RT: 3.070 min Scan# 291
Delta R.T. 0.012 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion:101 Resp: 1098

Ion	Ratio	Lower	Upper
101	100		
103	69.4	52.2	78.4

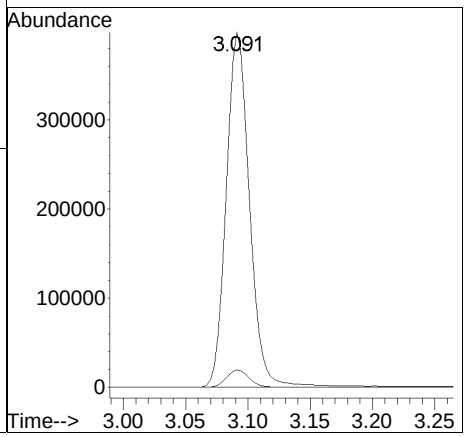


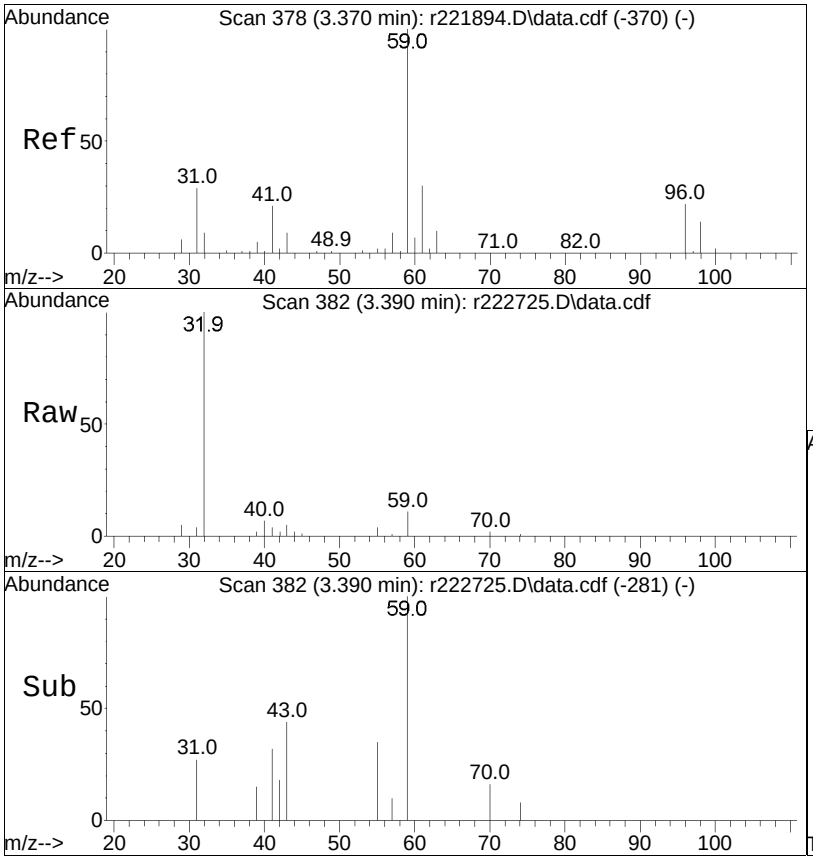


#22
isopropyl alcohol
Concen: 45.53 ppbV
RT: 3.091 min Scan# 298
Delta R.T. 0.012 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 45 Resp: 518515

Ion	Ratio	Lower	Upper
45	100		
59	4.9	4.0	6.0

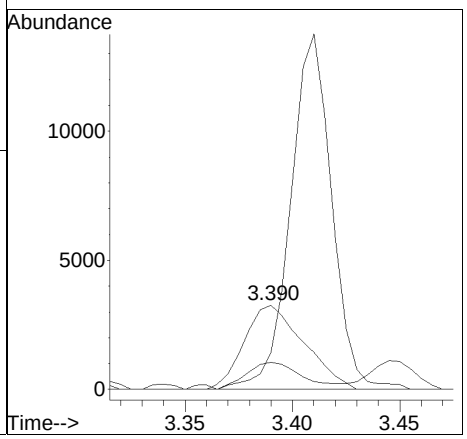


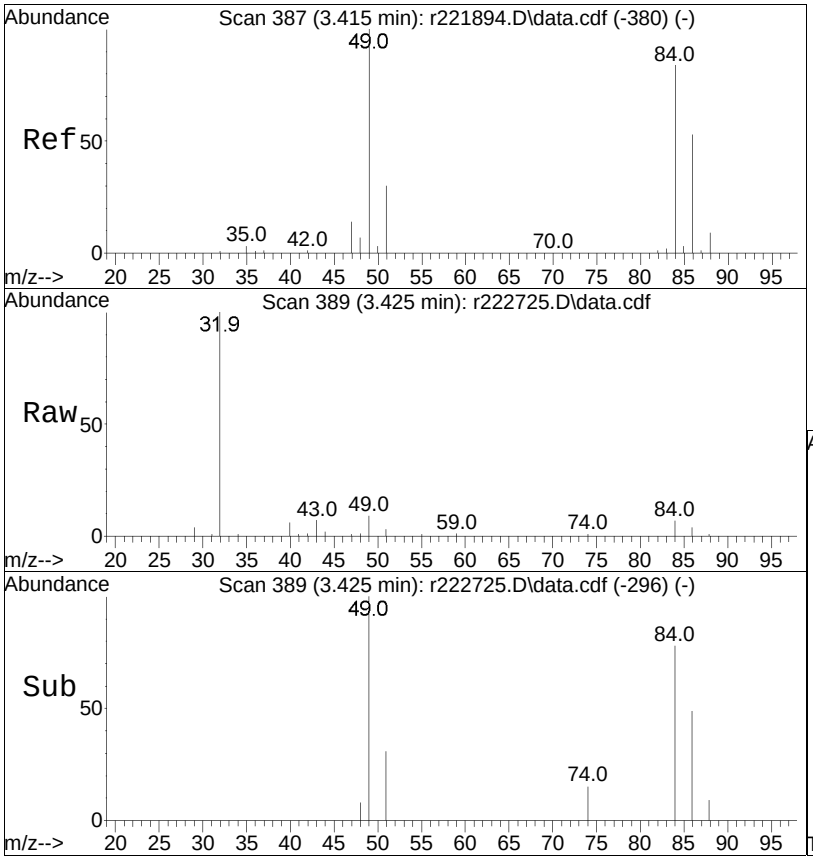


#27
tertiary butyl alcohol
Concen: 0.25 ppbV
RT: 3.390 min Scan# 382
Delta R.T. 0.020 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 59 Resp: 6298

Ion	Ratio	Lower	Upper
59	100		
41	32.2	16.9	25.3#
43	44.1	7.5	11.3#

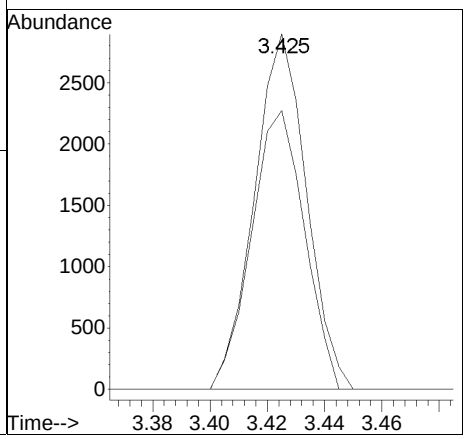


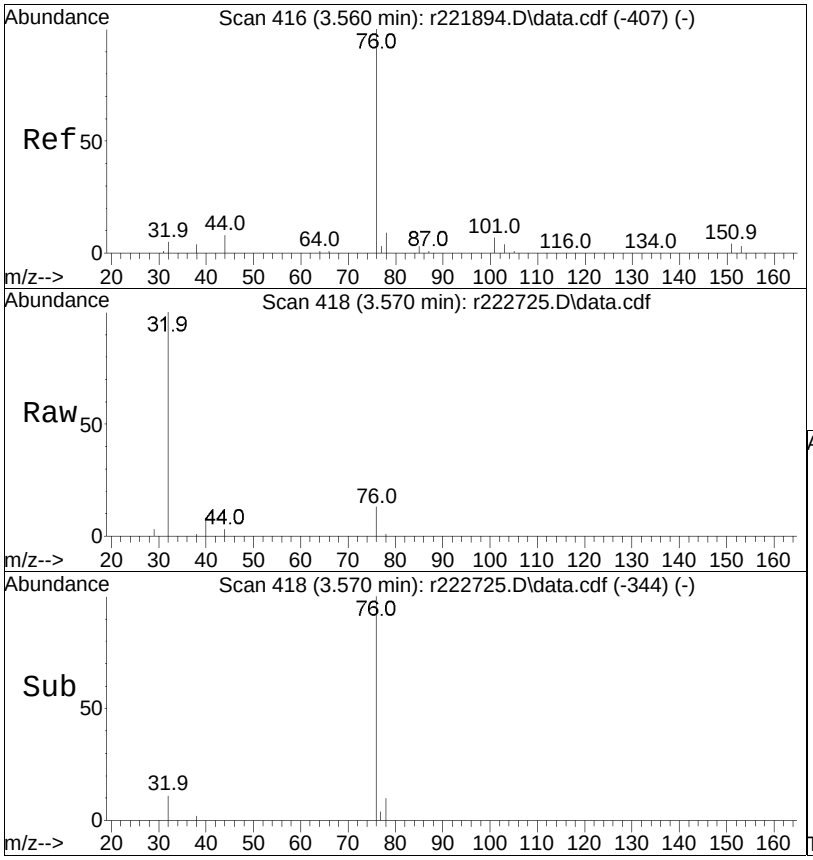


#28
methylene chloride
Concen: 0.22 ppbV
RT: 3.425 min Scan# 389
Delta R.T. 0.010 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 49 Resp: 3668

Ion	Ratio	Lower	Upper
49	100		
84	78.5	67.2	100.8

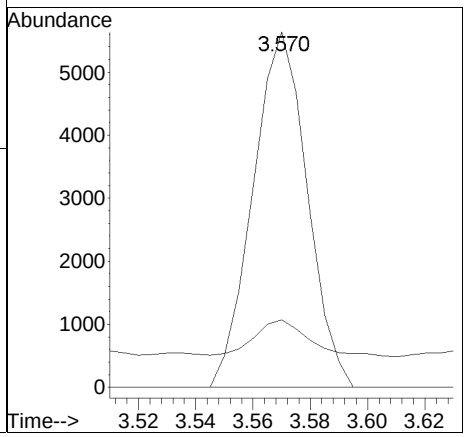


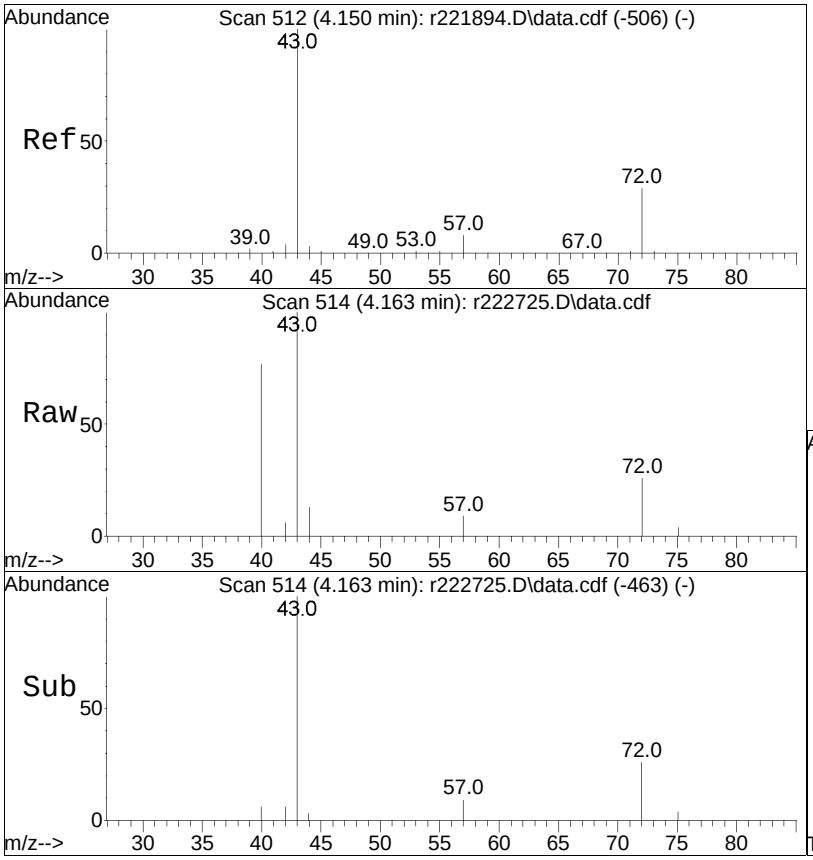


#30
carbon disulfide
Concen: 0.16 ppbV
RT: 3.570 min Scan# 418
Delta R.T. 0.010 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 76 Resp: 7406

Ion	Ratio	Lower	Upper
76	100		
44	19.0	6.8	10.2#

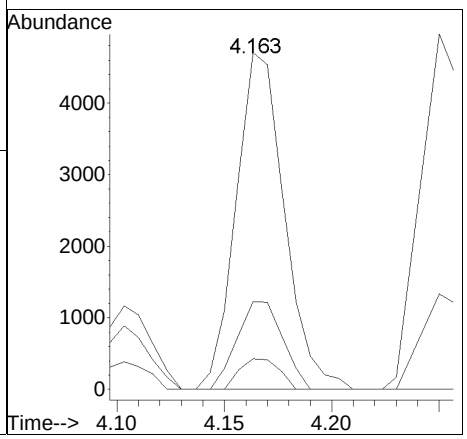


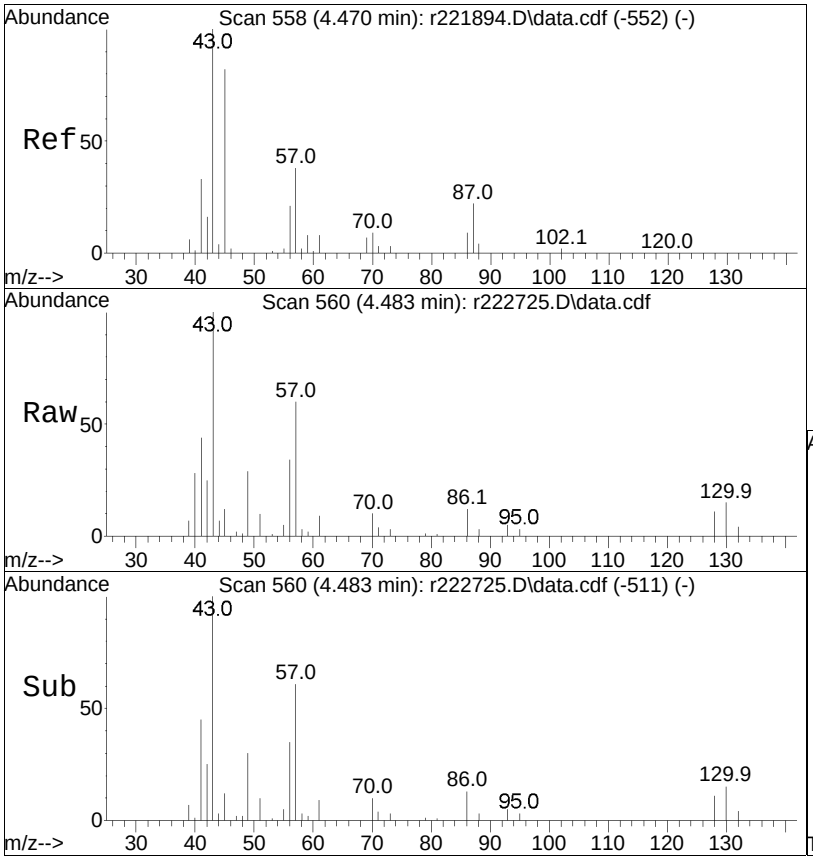


#36
2-butanone
Concen: 0.21 ppbV
RT: 4.163 min Scan# 514
Delta R.T. 0.013 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 43 Resp: 7366

Ion	Ratio	Lower	Upper
43	100		
72	26.1	23.0	34.6
57	9.1	6.3	9.5

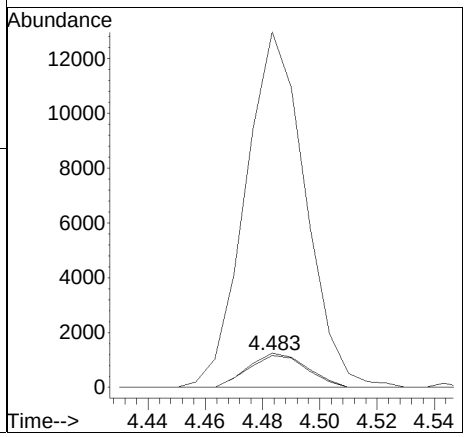


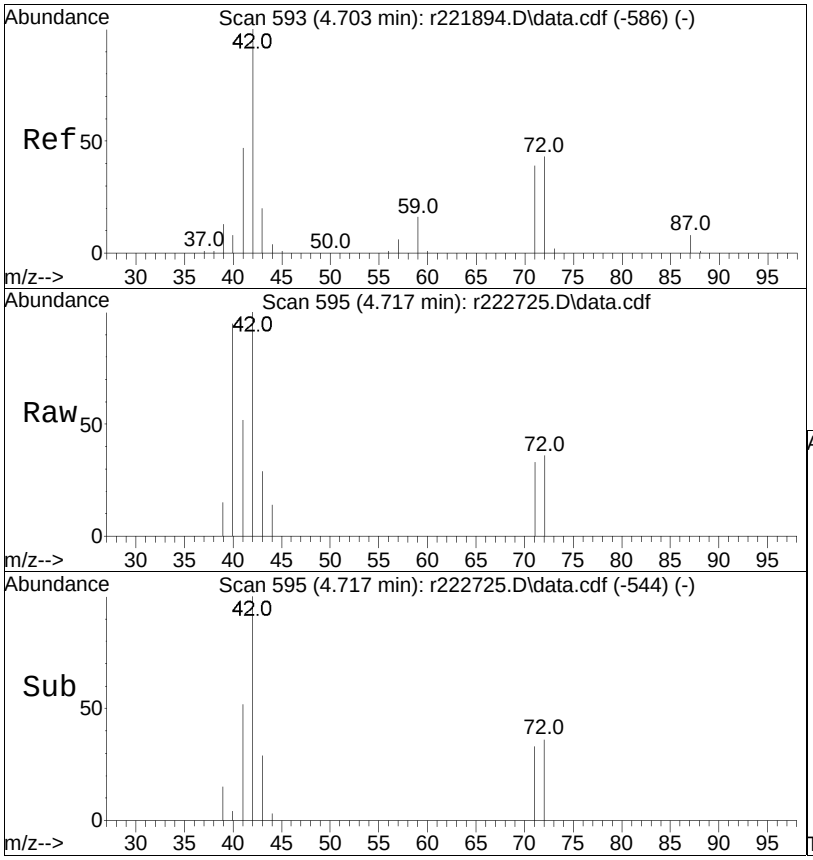


#38
Ethyl Acetate
Concen: 0.31 ppbV
RT: 4.483 min Scan# 560
Delta R.T. 0.013 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 61 Resp: 1664

Ion	Ratio	Lower	Upper
61	100		
70	107.1	91.7	137.5
43	1110.5	971.0	1456.6

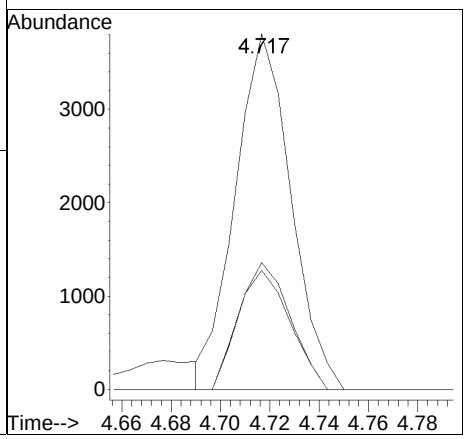


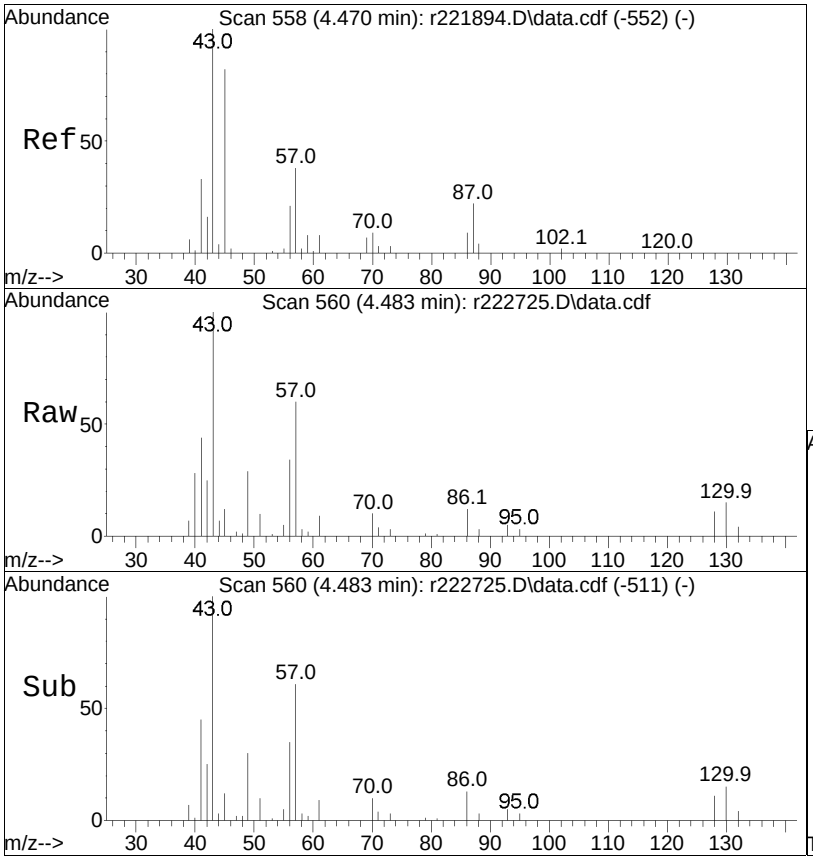


#40
Tetrahydrofuran
Concen: 0.27 ppbV m
RT: 4.717 min Scan# 595
Delta R.T. 0.013 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 42 Resp: 5972

Ion	Ratio	Lower	Upper
42	100		
71	33.5	31.4	47.2
72	35.7	34.3	51.5

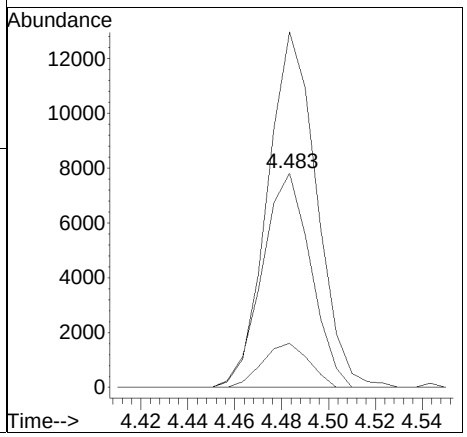


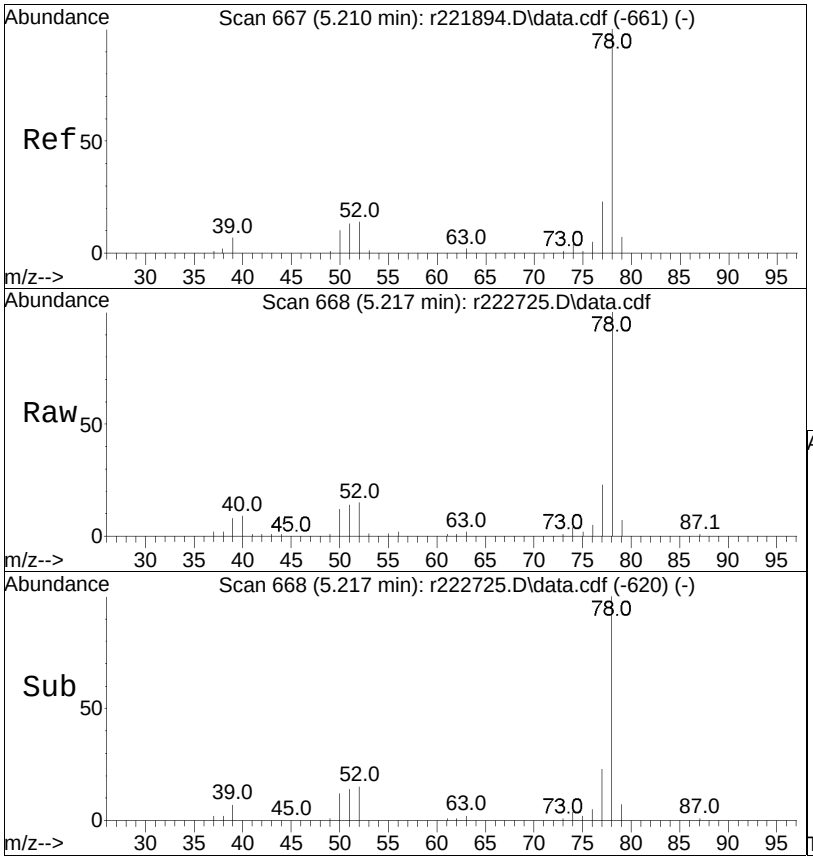


#44
hexane
Concen: 0.47 ppbV
RT: 4.483 min Scan# 560
Delta R.T. 0.013 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 57 Resp: 11282

Ion	Ratio	Lower	Upper
57	100		
43	165.9	210.8	316.2#
86	20.6	17.9	26.9

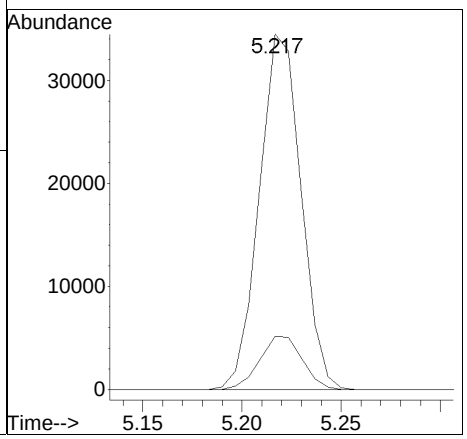


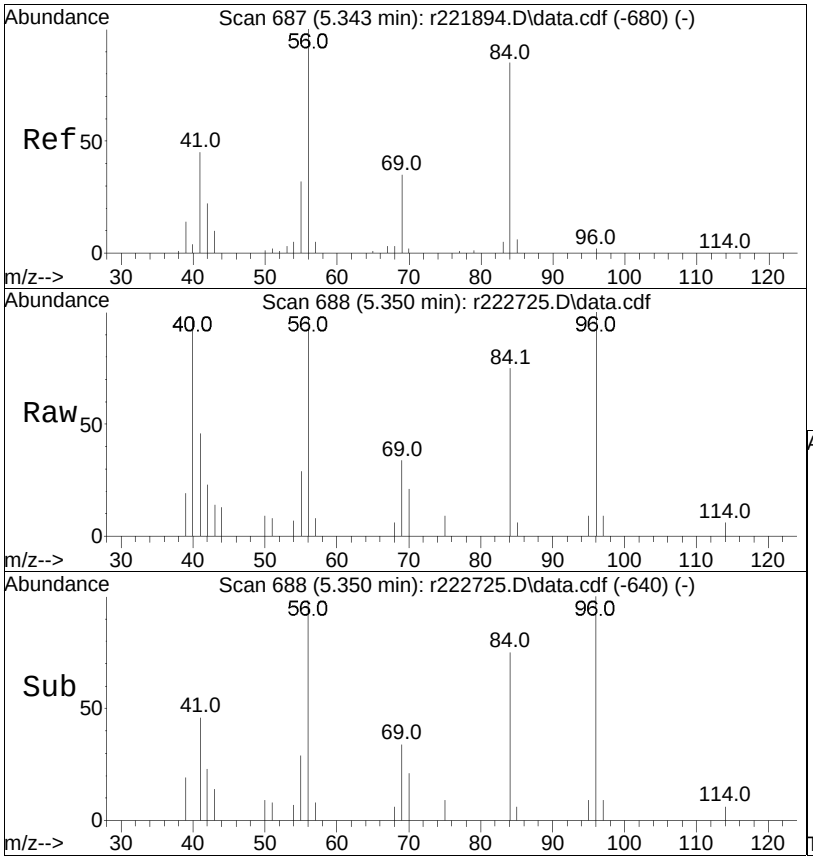


#50
benzene
Concen: 1.00 ppbV
RT: 5.217 min Scan# 668
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 78 Resp: 50424

Ion	Ratio	Lower	Upper
78	100		
52	14.9	11.3	16.9

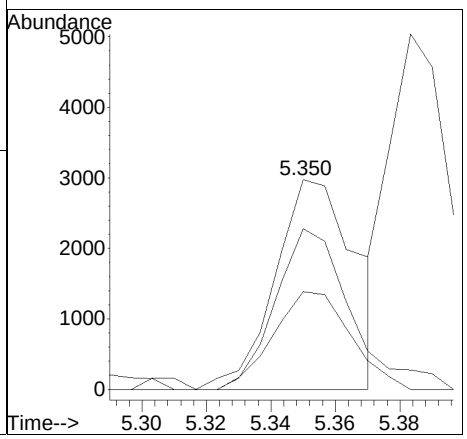


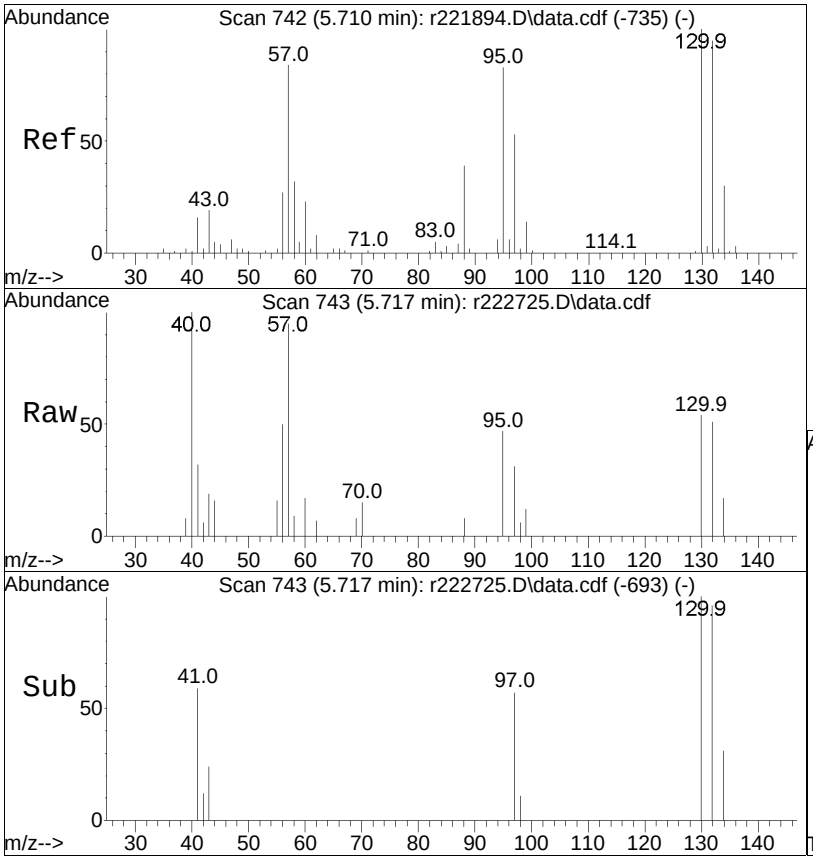


#53
cyclohexane
Concen: 0.19 ppbV
RT: 5.350 min Scan# 688
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 56 Resp: 5170

Ion	Ratio	Lower	Upper
56	100		
84	76.6	70.9	106.3
41	46.6	35.8	53.6

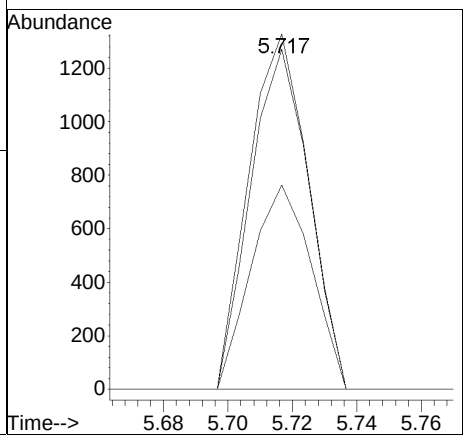


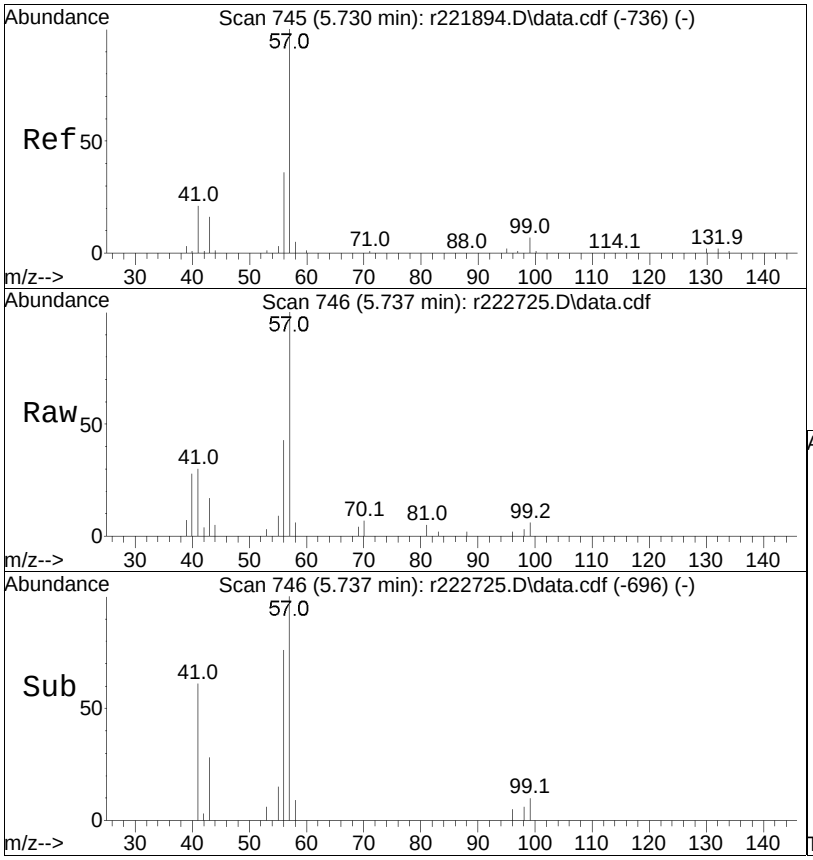


#59
trichloroethene
Concen: 0.09 ppbV
RT: 5.717 min Scan# 743
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion:130 Resp: 1708

Ion	Ratio	Lower	Upper
130	100		
132	95.7	75.9	113.9
97	57.5	42.5	63.7

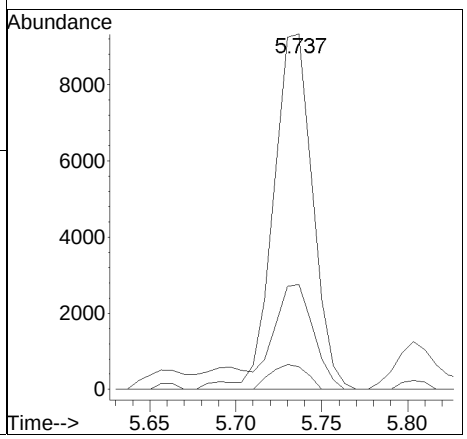


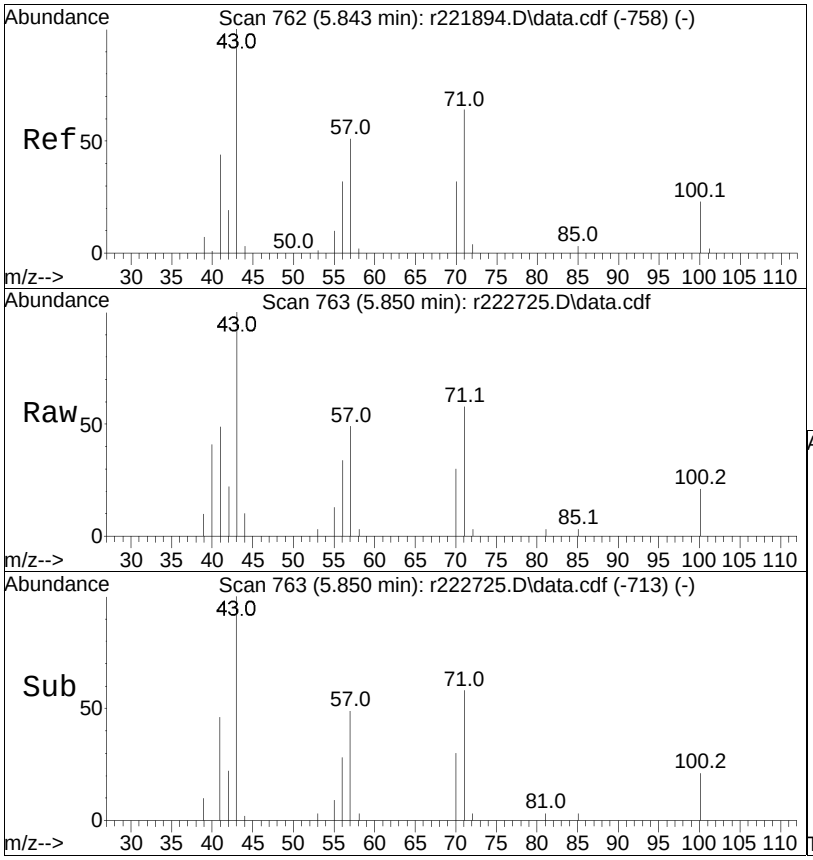


#60
2,2,4-trimethylpentane
Concen: 0.19 ppbV
RT: 5.737 min Scan# 746
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 57 Resp: 14855

Ion	Ratio	Lower	Upper
57	100		
99	6.4	5.7	8.5
41	29.5	16.9	25.3#

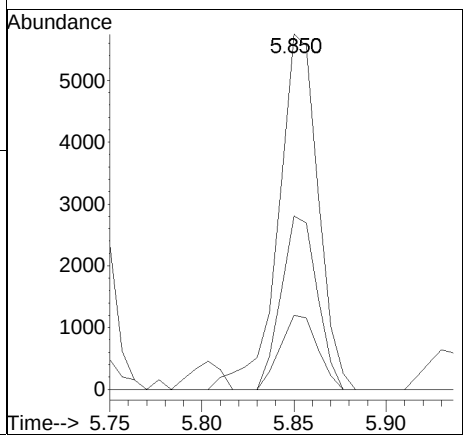


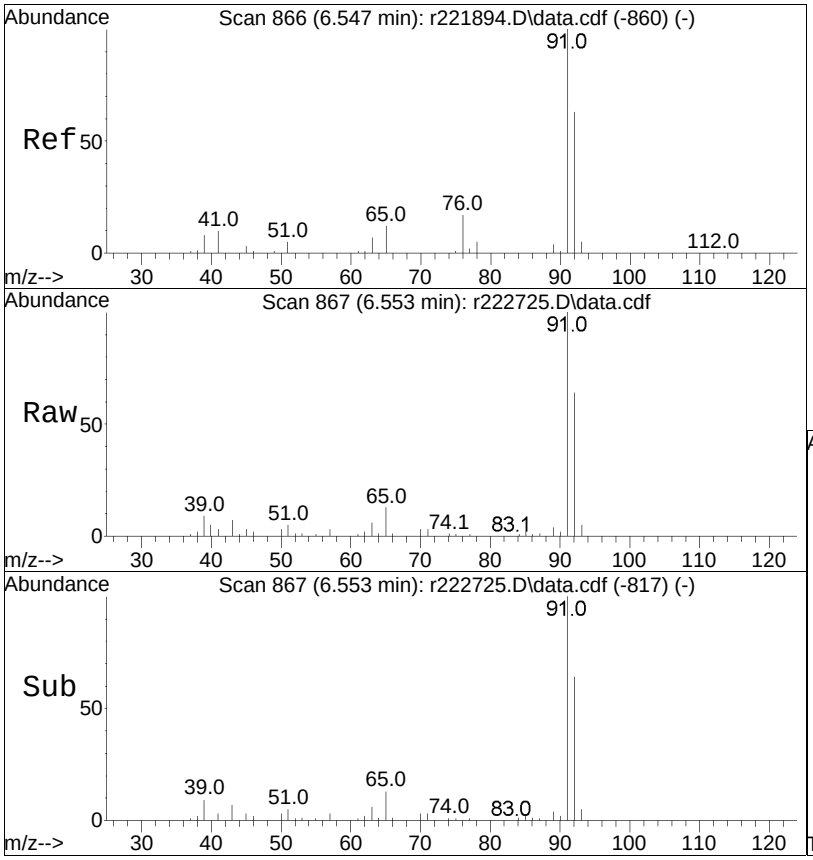


#62
heptane
Concen: 0.29 ppbV
RT: 5.850 min Scan# 763
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 43 Resp: 8666

Ion	Ratio	Lower	Upper
43	100		
57	48.8	40.4	60.6
100	20.9	19.0	28.6

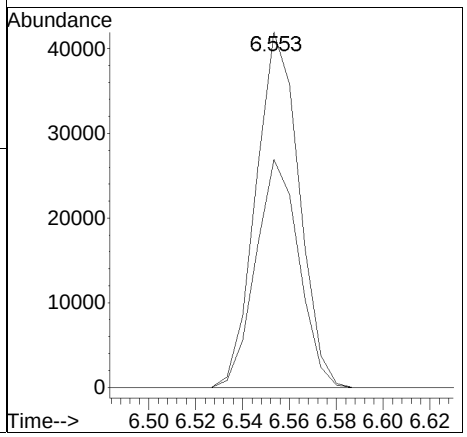


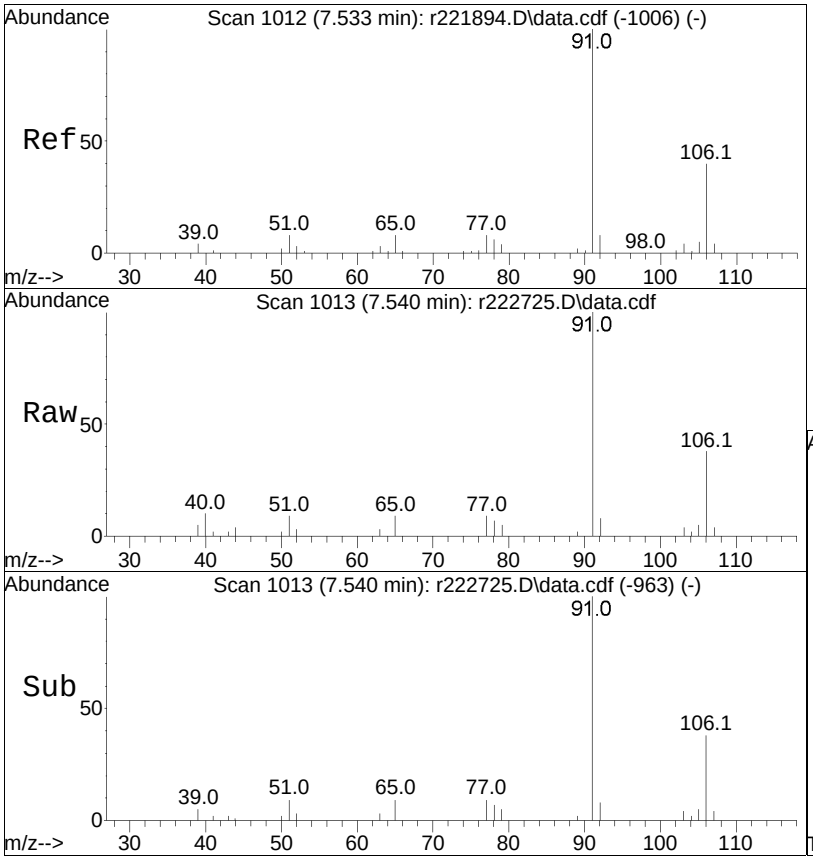


#68
toluene
Concen: 0.74 ppbV
RT: 6.553 min Scan# 867
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 91 Resp: 53767

Ion	Ratio	Lower	Upper
91	100		
92	64.1	50.7	76.1

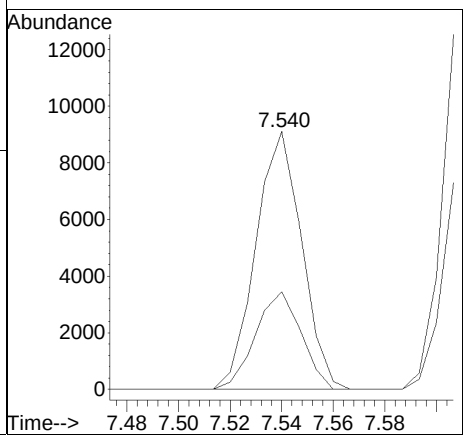


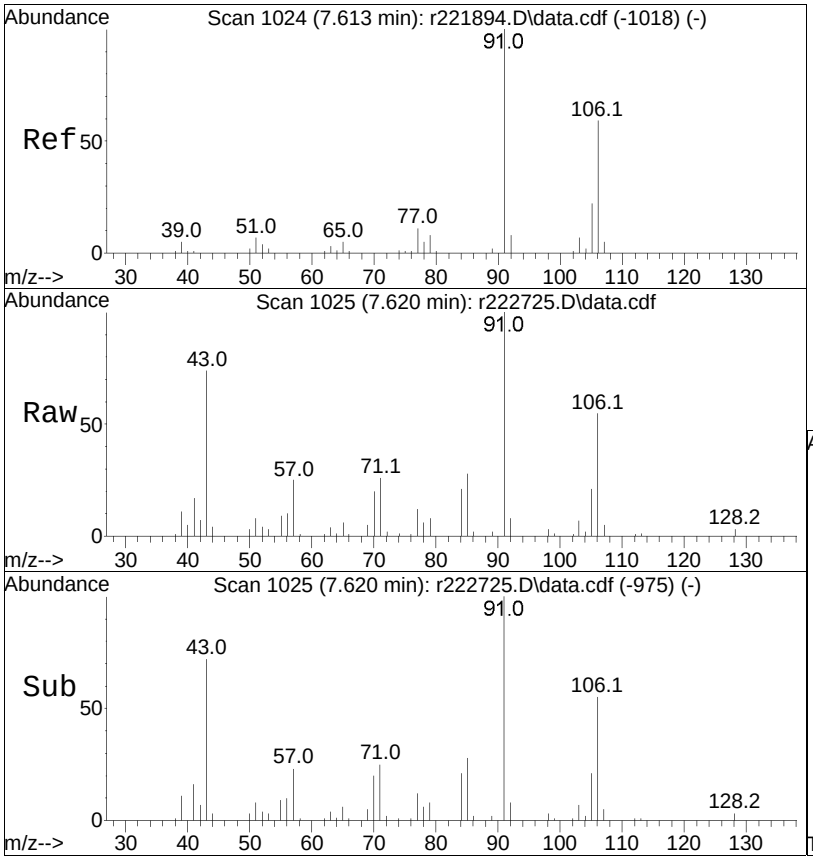


#81
ethylbenzene
Concen: 0.13 ppbV
RT: 7.540 min Scan# 1013
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 91 Resp: 11268

Ion	Ratio	Lower	Upper
91	100		
106	37.8	31.7	47.5

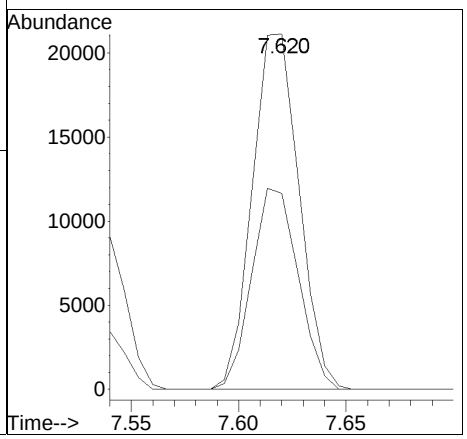


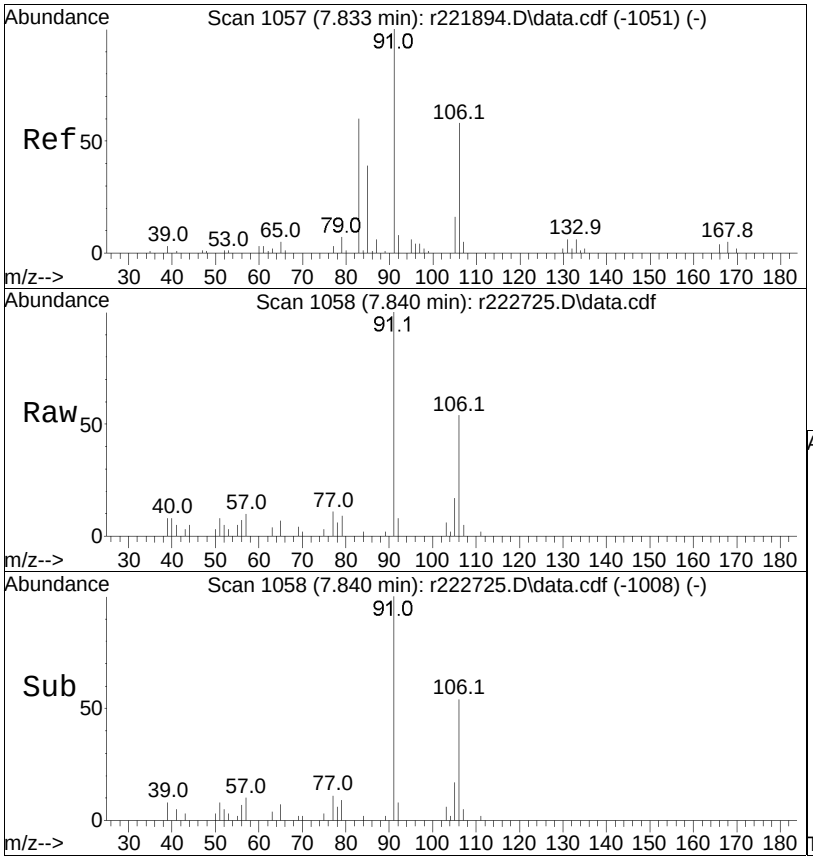


#83
m+p-xylene
Concen: 0.47 ppbV
RT: 7.620 min Scan# 1025
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 91 Resp: 32118

Ion	Ratio	Lower	Upper
91	100		
106	55.2	47.4	71.2

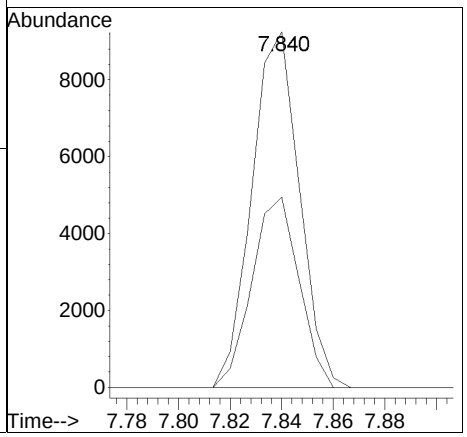


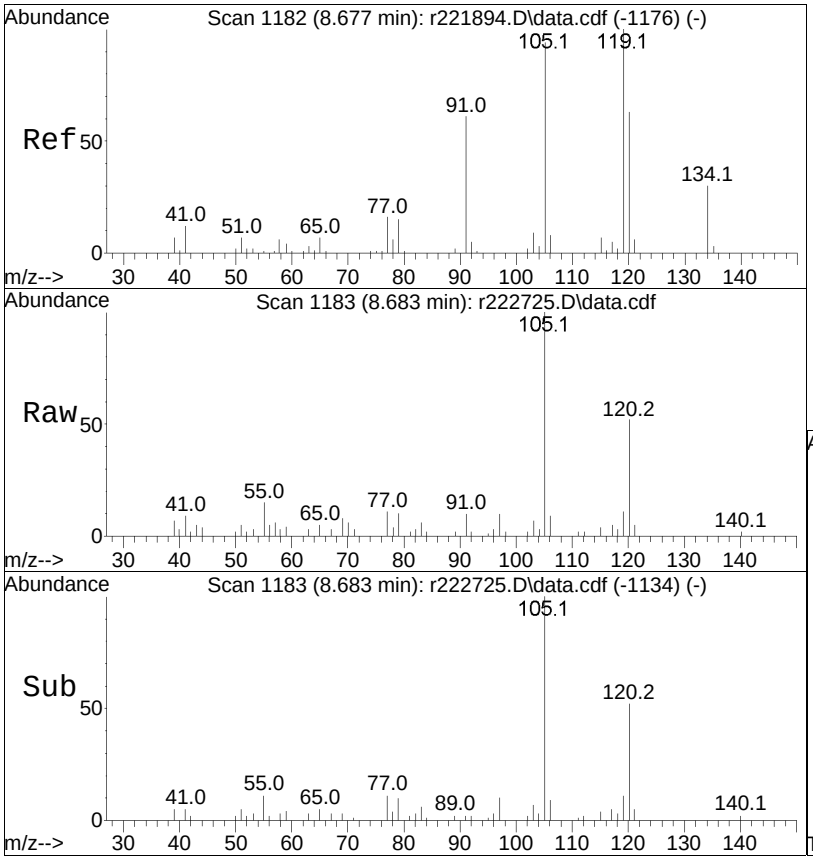


#87
o-xylene
Concen: 0.18 ppbV
RT: 7.840 min Scan# 1058
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion: 91 Resp: 11872

Ion	Ratio	Lower	Upper
91	100		
106	53.5	46.2	69.4

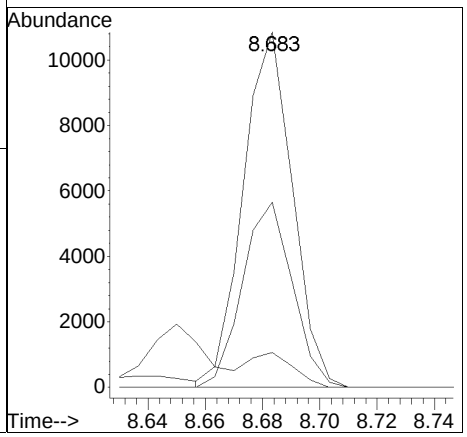




#99
1,2,4-trimethylbenzene
Concen: 0.17 ppbV
RT: 8.683 min Scan# 1183
Delta R.T. 0.007 min
Lab File: r222725.D
Acq: 29 Feb 2024 3:54 AM

Tgt Ion:105 Resp: 12975

Ion	Ratio	Lower	Upper
105	100		
120	52.1	53.8	80.8#
91	9.8	52.2	78.2#

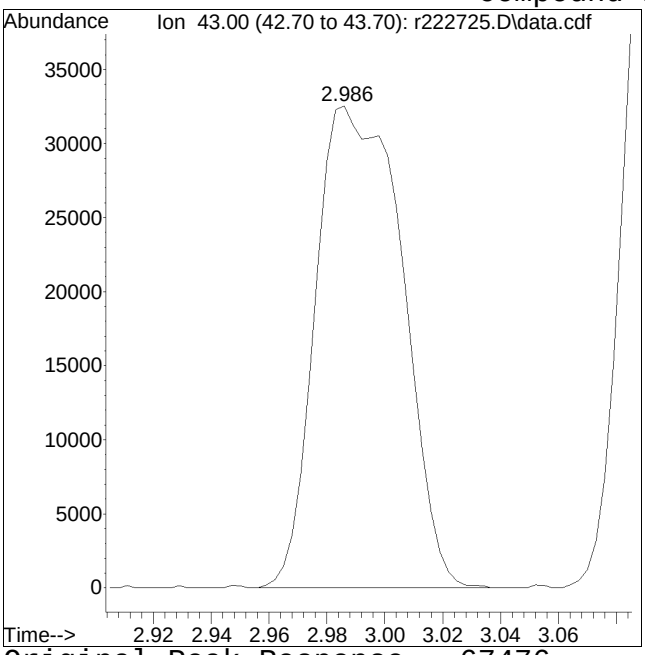


Manual Integration Report

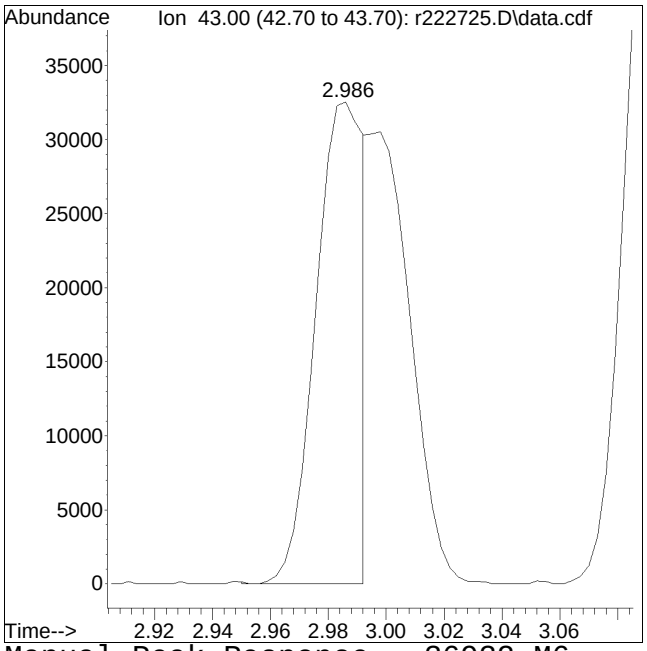
Data Path : O:\Forensics\Data\Airlab22Q
Data File : r222725.D
Date Inj'd : 2/29/2020 0:3: 4
Sample : L2409115-05D,3,123.32,250

Method : TFS22_231129.M
Operator : AIRLAB22:JMB
Instrument :
Quant Date : 2/29/2024 6:43 am

Compound #19: acetone



Original Peak Response = 67476



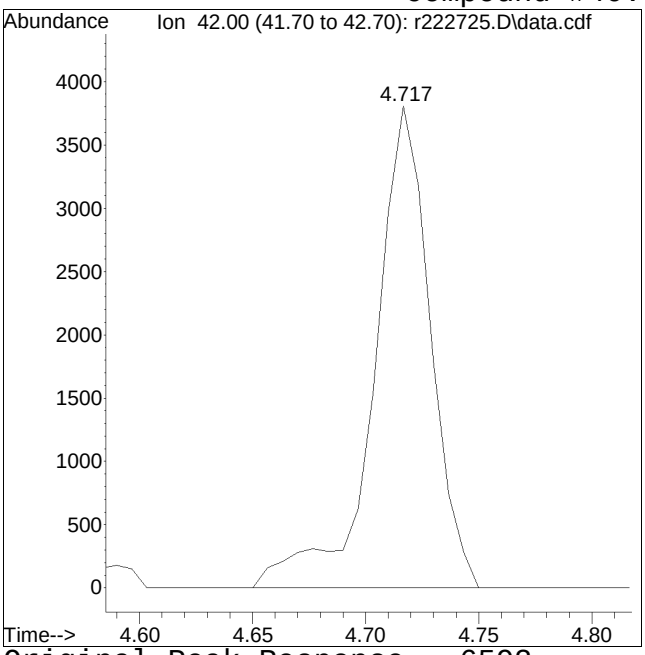
Manual Peak Response = 36932 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

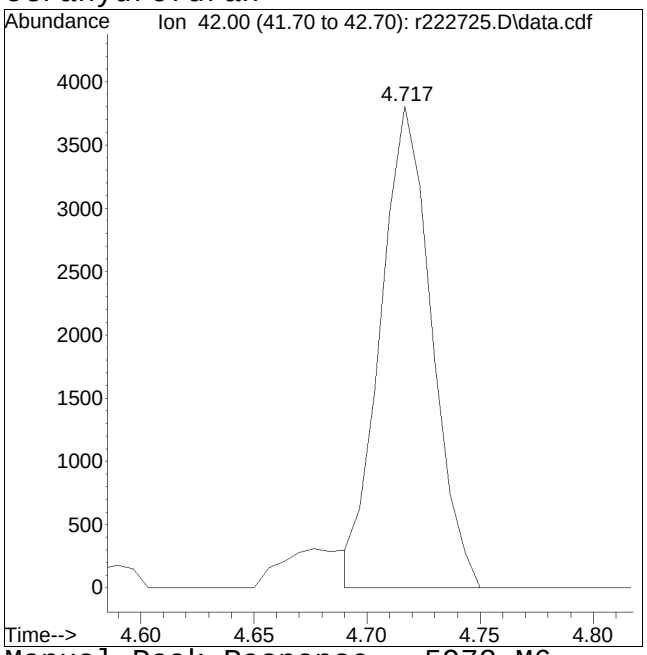
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222725.D Operator : AIRLAB22:JMB
Date Inj'd : 2/29/2020 0:3: 4 Instrument :
Sample : L2409115-05D,3,123.32,250 Quant Date : 2/29/2024 6:43 am

Compound #40: Tetrahydrofuran



Original Peak Response = 6592



Manual Peak Response = 5972 M6

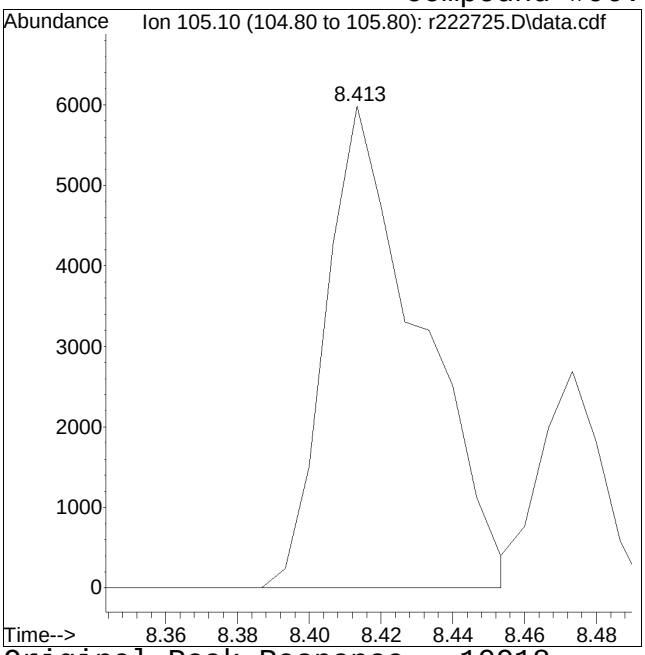
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

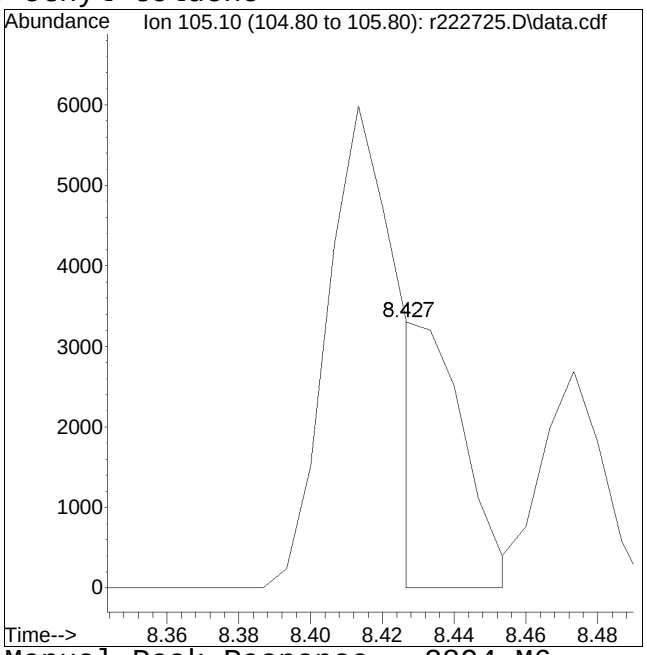
Data Path : O:\Forensics\Data\Airlab22Q
Data File : r222725.D
Date Inj'd : 2/29/2020 0:3: 4
Sample : L2409115-05D,3,123.32,250

Method : TFS22_231129.M
Operator : AIRLAB22:JMB
Instrument :
Quant Date : 2/29/2024 6:43 am

Compound #96: 4-ethyl toluene



Original Peak Response = 10918



Manual Peak Response = 2894 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2409115**
Project Name	**: 3200 JEROME**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB22**	**Ical Ref**	**: ICAL20613**
Calibration dates	**: 11/29/23 22:39 11/30/23 02:24**		

Calibration Files

0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D

50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.631	0.729	0.807	0.631	0.728	0.575	0.583	0.653	0.667	12.10
3)		propylene		0.593	0.538	0.530	0.498	0.545	0.530	0.541	0.539	5.23
4)		propane		0.608	0.500	0.423	0.404	0.381	0.365	0.358	0.434	20.82
5)		dichlorodifluoromethane	0.956	0.956	0.898	0.877	0.765	0.761	0.672	0.559	0.805	17.63
6)	C	chloromethane	0.485	0.458	0.456	0.427	0.428	0.419	0.413	0.409	0.437	6.06
7)		Freon-114	1.406	1.390	1.366	1.249	1.201	1.064	0.907	0.750	1.167	20.67
8)	C	methanol			0.225	0.180	0.175	0.165	0.154	0.146	0.174	16.08
9)	C	vinyl chloride	0.618	0.619	0.608	0.577	0.568	0.527	0.496	0.452	0.558	11.00
10)	C	1,3-butadiene	0.462	0.451	0.449	0.413	0.408	0.395	0.373	0.347	0.412	9.87
11)		butane	0.771	0.736	0.737	0.671	0.658	0.621	0.586	0.551	0.666	11.71
12)	C	acetaldehyde		0.277	0.261	0.222	0.215	0.196	0.177	0.165	0.216	19.27
13)	C	bromomethane	0.469	0.454	0.442	0.416	0.398	0.370	0.326	0.284	0.395	16.38
14)	C	chloroethane	0.242	0.235	0.232	0.217	0.215	0.203	0.190	0.179	0.214	10.34
15)		ethanol			0.186	0.184	0.169	0.163	0.142	0.121	0.161	15.63
16)		dichlorofluoromethane	0.877	0.897	0.779	0.819	0.654	0.614	0.499	0.401	0.693	26.13
17)	C	vinyl bromide	0.420	0.404	0.406	0.369	0.358	0.346	0.305	0.265	0.359	14.83
18)	C	acrolein		0.188	0.188	0.176	0.175	0.167	0.161	0.153	0.173	7.67
19)		acetone	0.374	0.368	0.363	0.320	0.310	0.298	0.275	0.266	0.322	13.14
20)	C	acetonitrile	0.359	0.340	0.326	0.303	0.300	0.290	0.280	0.278	0.310	9.54
21)		trichlorofluoromethane	0.496	0.482	0.469	0.448	0.434	0.404	0.367	0.337	0.430	13.12
22)		isopropyl alcohol	0.634	0.612	0.558	0.533	0.512	0.513	0.469	0.436	0.533	12.55
23)	C	acrylonitrile	0.396	0.360	0.359	0.338	0.334	0.334	0.307	0.282	0.339	10.23
24)		pentane	0.776	0.759	0.725	0.682	0.659	0.631	0.576	0.531	0.667	12.92
25)		ethyl ether	0.534	0.484	0.459	0.437	0.429	0.408	0.374	0.354	0.435	13.41
26)	C	1,1-dichloroethene	0.874	0.961	0.955	0.882	0.863	0.854	0.666	0.558	0.827	17.11
27)		tertiary butyl alcohol		1.298	1.213	1.312	1.265	1.282	1.099	0.941	1.202	11.29
28)	C	methylene chloride		0.905	0.885	0.801	0.791	0.769	0.734	0.663	0.793	10.55
29)	C	3-chloropropene	1.178	1.149	1.149	1.071	1.061	1.058	1.011	0.914	1.074	8.04
30)	C	carbon disulfide	2.474	2.451	2.429	2.223	2.190	2.170	1.972	1.673	2.198	12.42
31)		Freon 113	1.396	1.355	1.350	1.255	1.230	1.174	1.030	0.847	1.205	15.46
32)		trans-1,2-dichloroethene	1.211	1.133	1.109	1.034	1.021	1.002	0.904	0.765	1.022	13.64
33)	C	1,1-dichloroethane	1.433	1.421	1.421	1.350	1.331	1.284	1.183	1.015	1.305	11.03
34)	C	MTBE	2.075	2.087	2.070	1.926	1.912	1.891	1.727	1.475	1.895	11.04
35)	C	vinyl acetate			1.596	1.399	1.443	1.494	1.476	1.360	1.461	5.64
36)	C	2-butanone		1.697	1.657	1.690	1.670	1.675	1.581	1.396	1.624	6.62

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2409115**
Project Name	**: 3200 JEROME**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB22**	**Ical Ref**	**: ICAL20613**
Calibration dates	**: 11/29/23 22:39 11/30/23 02:24**		

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	1.057	1.026	1.016	0.964	0.948	0.906	0.822	0.700	0.930	12.83
38)		Ethyl Acetate	0.292	0.274	0.283	0.261	0.262	0.253	0.218	0.179	0.253	14.74
39)	C	chloroform	1.314	1.318	1.302	1.206	1.185	1.113	0.957	0.779	1.147	16.78
40)		Tetrahydrofuran	1.137	1.130	1.090	1.034	1.031	1.026	0.964	0.855	1.033	8.95
41)		2,2-dichloropropane	1.071	1.007	1.010	0.971	0.964	0.903	0.765	0.614	0.913	16.58
42)	C	1,2-dichloroethane	0.863	0.765	0.736	0.665	0.654	0.611	0.516	0.405	0.652	22.13
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.435	0.413	0.415	0.375	0.363	0.340	0.275	0.214	0.354	21.46
45)		diisopropyl ether	0.260	0.256	0.257	0.234	0.233	0.214	0.178	0.140	0.222	19.29
46)		tert-butyl ethyl ether	0.757	0.752	0.743	0.699	0.686	0.638	0.536	0.431	0.655	17.78
47)	s	1,2-dichloroethane-D4	0.290	0.288	0.293	0.290	0.288	0.279	0.251	0.208	0.273	10.91
48)	C	1,1,1-trichloroethane	0.322	0.316	0.315	0.297	0.289	0.269	0.219	0.188	0.277	17.74
49)		1,1-dichloropropene	0.337	0.330	0.331	0.312	0.310	0.295	0.256	0.213	0.298	14.42
50)	C	benzene	0.850	0.826	0.820	0.769	0.770	0.731	0.651	0.551	0.746	13.53
51)		thiophene									0.000	-1.00
52)	C	carbon tetrachloride	0.291	0.284	0.291	0.270	0.262	0.242	0.194	0.151	0.248	20.51
53)		cyclohexane	0.494	0.455	0.453	0.413	0.400	0.386	0.344	0.294	0.405	15.93
54)		tert-amyl methyl ether	0.756	0.723	0.721	0.679	0.673	0.640	0.556	0.468	0.652	14.77
55)		dibromomethane	0.217	0.213	0.208	0.194	0.187	0.172	0.137	0.106	0.179	22.02
56)	C	1,2-dichloropropane	0.280	0.275	0.275	0.259	0.257	0.240	0.201	0.161	0.244	17.30
57)		bromodichloromethane	0.378	0.382	0.384	0.348	0.338	0.316	0.248	0.199	0.324	20.87
58)	C	1,4-dioxane	0.198	0.186	0.180	0.162	0.168	0.166	0.137	0.106	0.163	17.96
59)	C	trichloroethene	0.347	0.342	0.339	0.321	0.314	0.292	0.231	0.174	0.295	20.91
60)	C	2,2,4-trimethylpentane	1.343	1.333	1.324	1.191	1.163	1.097	0.887	0.689	1.128	20.75
61)		methyl methacrylate		0.270	0.271	0.258	0.259	0.247	0.217	0.181	0.243	13.56
62)		heptane	0.520	0.513	0.511	0.469	0.459	0.440	0.363	0.292	0.446	18.10
63)	C	cis-1,3-dichloropropene	0.398	0.401	0.397	0.379	0.378	0.356	0.296	0.240	0.356	16.25
64)	C	4-methyl-2-pentanone		0.613	0.600	0.543	0.527	0.486	0.392	0.309	0.496	22.32
65)		trans-1,3-dichloropropene	0.327	0.324	0.324	0.303	0.302	0.291	0.253	0.211	0.292	13.98
66)	C	1,1,2-trichloroethane	0.300	0.295	0.288	0.276	0.275	0.262	0.225	0.187	0.264	14.71
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	9.358	9.144	9.076	8.643	8.615	8.286	7.466	6.142	8.341	12.81
69)	s	toluene-D8	1.076	1.067	1.102	1.119	1.160	1.212	1.346	1.458	1.193	11.80
70)		2-methylthiophene									0.000	-1.00
71)		1,3-dichloropropane	4.198	4.094	4.047	3.871	3.894	3.742	3.417	2.924	3.773	11.11
72)		2-hexanone	5.030	5.161	5.267	4.884	4.954	4.944	4.702	4.203	4.893	6.69

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2409115**
Project Name	**: 3200 JEROME**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB22**	**Ical Ref**	**: ICAL20613**
Calibration dates	**: 11/29/23 22:39 11/30/23 02:24**		

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene									0.000	-1.00
74)		dibromochloromethane	3.668	3.647	3.589	3.413	3.377	3.327	2.992	2.520	3.317	11.73
75)	C	1,2-dibromoethane	3.889	3.927	3.884	3.750	3.760	3.732	3.454	2.996	3.674	8.48
76)		butyl acetate		1.136	1.170	1.216	1.260	1.268	1.293	1.205	1.221	4.60
77)		octane	3.672	3.751	3.784	3.627	3.563	3.426	2.973	2.469	3.408	13.46
78)	C	tetrachloroethene	3.579	3.574	3.516	3.409	3.385	3.246	2.850	2.332	3.236	13.46
79)		1,1,1,2-tetrachloroethane	2.954	2.920	2.913	2.759	2.702	2.527	2.123	1.739	2.579	16.91
80)	C	chlorobenzene	7.159	7.234	7.120	6.830	6.757	6.445	5.565	4.504	6.452	14.79
81)	C	ethylbenzene	1.095	1.085	1.102	1.059	1.053	1.016	0.902	0.760	1.009	11.84
82)		2-ethylthiophene									0.000	-1.00
83)	C	m+p-xylene	8.967	9.012	8.981	8.613	8.358	7.652	6.330	4.932	7.856	18.99
84)	C	bromoform	3.003	3.013	3.028	2.856	2.825	2.738	2.337	1.953	2.719	14.08
85)	C	styrene	7.180	7.235	7.395	7.395	7.463	7.257	6.635	5.766	7.041	8.18
86)	C	1,1,2,2-tetrachloroethane	5.874	5.913	5.919	5.751	5.610	5.155	4.359	3.552	5.266	16.59
87)	C	o-xylene	8.977	8.941	8.928	8.504	8.186	7.298	5.835	4.695	7.670	21.04
88)		1,2,3-trichloropropane	4.556	4.693	4.614	4.516	4.531	4.411	4.109	3.673	4.388	7.70
89)		nonane	6.799	6.855	6.902	6.602	6.461	6.031	5.173	4.391	6.152	14.86
90)	s	bromofluorobenzene	6.334	6.164	6.444	6.671	6.900	7.041	7.814	8.008	6.922	9.77
91)	C	isopropylbenzene	1.168	1.169	1.178	1.138	1.119	1.045	0.911	0.760	1.061	14.24
92)		bromobenzene	6.408	6.286	6.351	6.130	6.059	5.739	5.007	4.292	5.784	13.05
93)		2-chlorotoluene	3.568	3.474	3.479	3.460	3.438	3.324	2.902	2.370	3.252	12.64
94)		n-propylbenzene	4.070	4.115	4.111	4.126	4.107	3.859	3.266	2.631	3.785	14.55
95)		4-chlorotoluene	3.344	3.437	3.458	3.445	3.449	3.323	3.047	2.625	3.266	8.96
96)		4-ethyl toluene	1.252	1.213	1.274	1.228	1.190	1.099	0.998	0.813	1.133	13.91
97)		1,3,5-trimethylbenzene	0.989	1.081	1.025	1.017	0.993	0.947	0.743	0.628	0.928	16.95
98)		tert-butylbenzene	1.096	1.101	1.110	1.048	0.992	0.847	0.652	0.530	0.922	24.28
99)		1,2,4-trimethylbenzene	1.047	1.065	1.069	1.029	0.950	0.811	0.623	0.498	0.887	24.93
100)		decane	7.859	8.175	8.209	8.131	7.935	7.298	6.250	5.353	7.401	14.27
101)	C	Benzyl Chloride	4.641	4.817	5.130	5.741	5.952	6.037	5.461	4.800	5.322	10.37
102)		1,3-dichlorobenzene	7.098	7.203	7.211	7.377	7.049	6.407	5.194	4.545	6.511	16.38
103)	C	1,4-dichlorobenzene	6.741	7.029	7.055	7.078	6.891	6.146	5.169	3.844	6.244	18.72
104)		sec-butylbenzene	1.441	1.491	1.490	1.468	1.421	1.290	1.062	0.868	1.316	17.63
105)		1,2,3-trimethylbenzene	9.624	9.827	9.835	9.215	8.458	7.314	5.650	4.673	8.074	24.79
106)		p-isopropyltoluene	1.294	1.334	1.329	1.292	1.189	0.995	0.772	0.620	1.103	25.15
107)		1,2-dichlorobenzene	6.451	6.502	6.657	6.812	6.725	6.134	5.231	4.437	6.119	13.83
108)		n-butylbenzene	1.063	1.102	1.108	1.120	1.071	0.953	0.803	0.683	0.988	16.51

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: AKRF, Inc.**	**Lab Number**	**: L2409115**
Project Name	**: 3200 JEROME**	**Project Number**	**: 11455**
Instrument ID	**: AIRLAB22**	**Ical Ref**	**: ICAL20613**
Calibration dates	**: 11/29/23 22:39 11/30/23 02:24**		

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	1.030	1.068	1.076	1.067	1.026	0.938	0.778	0.645	0.954	16.72
110)		indene	6.703	6.805	7.088	7.245	7.266	6.831	5.966	5.066	6.621	11.35
111)	C	1,2-dibromo-3-chloropr...	2.375	2.419	2.375	2.447	2.296	2.047	1.741	1.598	2.162	15.29
112)		undecane	8.191	8.665	8.887	9.249	8.879	7.853	6.546	5.594	7.983	16.07
113)		1,2,4,5-tetramethylben...	1.818	1.902	1.964	1.985	2.065	1.948	1.971	1.971	1.953	3.64
114)		dodecane	7.289	8.482	8.953	9.658	8.665	6.882	5.159	4.381	7.434	25.27
115)	C	1,2,4-trichlorobenzene	4.622	4.975	5.151	5.883	5.741	4.889	3.929	3.268	4.807	18.20
116)		naphthalene	1.145	1.298	1.392	1.458	1.364	1.117	0.853	0.701	1.166	23.16
117)		1,2,3-trichlorobenzene	3.901	4.289	4.554	5.106	4.963	4.358	3.649	3.017	4.229	16.35
118)		benzothiophene	1.970	2.353	2.546	2.871	2.621	2.051	1.488	1.190	2.136	27.06
119)	C	hexachlorobutadiene	4.155	4.585	4.470	4.494	4.069	3.271	2.447	2.023	3.689	26.94
120)		2-methylnaphthalene			2.760	5.762	6.920	5.902	5.744	4.877	5.328	26.58
121)		1-methylnaphthalene			2.786	5.635	6.668	5.879	5.874	5.230	5.345	25.05

Response Factor Report

Method Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Method File : TFS22_231129.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Dec 01 08:46:43 2023
Response Via : Initial Calibration

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	0.631	0.729	0.807	0.631	0.728	0.575	0.583	0.653	0.667	12.10
3)		propylene		0.593	0.538	0.530	0.498	0.545	0.530	0.541	0.539	5.23
4)		propane		0.608	0.500	0.423	0.404	0.381	0.365	0.358	0.434	20.82
5)		dichlorodifluo...	0.956	0.956	0.898	0.877	0.765	0.761	0.672	0.559	0.805	17.63
6)	C	chloromethane	0.485	0.458	0.456	0.427	0.428	0.419	0.413	0.409	0.437	6.06
7)		Freon-114	1.406	1.390	1.366	1.249	1.201	1.064	0.907	0.750	1.167	20.67
8)	C	methanol			0.225	0.180	0.175	0.165	0.154	0.146	0.174	16.08
9)	C	vinyl chloride	0.618	0.619	0.608	0.577	0.568	0.527	0.496	0.452	0.558	11.00
10)	C	1,3-butadiene	0.462	0.451	0.449	0.413	0.408	0.395	0.373	0.347	0.412	9.87
11)		butane	0.771	0.736	0.737	0.671	0.658	0.621	0.586	0.551	0.666	11.71
12)	C	acetaldehyde		0.277	0.261	0.222	0.215	0.196	0.177	0.165	0.216	19.27
13)	C	bromomethane	0.469	0.454	0.442	0.416	0.398	0.370	0.326	0.284	0.395	16.38
14)	C	chloroethane	0.242	0.235	0.232	0.217	0.215	0.203	0.190	0.179	0.214	10.34
15)		ethanol			0.186	0.184	0.169	0.163	0.142	0.121	0.161	15.63
16)		dichlorofluoro...	0.877	0.897	0.779	0.819	0.654	0.614	0.499	0.401	0.693	26.13
17)	C	vinyl bromide	0.420	0.404	0.406	0.369	0.358	0.346	0.305	0.265	0.359	14.83
18)	C	acrolein		0.188	0.188	0.176	0.175	0.167	0.161	0.153	0.173	7.67
19)		acetone	0.374	0.368	0.363	0.320	0.310	0.298	0.275	0.266	0.322	13.14
20)	C	acetonitrile	0.359	0.340	0.326	0.303	0.300	0.290	0.280	0.278	0.310	9.54
21)		trichlorofluor...	0.496	0.482	0.469	0.448	0.434	0.404	0.367	0.337	0.430	13.12
22)		isopropyl alcohol	0.634	0.612	0.558	0.533	0.512	0.513	0.469	0.436	0.533	12.55
23)	C	acrylonitrile	0.396	0.360	0.359	0.338	0.334	0.334	0.307	0.282	0.339	10.23
24)		pentane	0.776	0.759	0.725	0.682	0.659	0.631	0.576	0.531	0.667	12.92
25)		ethyl ether	0.534	0.484	0.459	0.437	0.429	0.408	0.374	0.354	0.435	13.41
26)	C	1,1-dichloroet...	0.874	0.961	0.955	0.882	0.863	0.854	0.666	0.558	0.827	17.11
27)		tertiary butyl...		1.298	1.213	1.312	1.265	1.282	1.099	0.941	1.202	11.29
28)	C	methylene chlo...		0.905	0.885	0.801	0.791	0.769	0.734	0.663	0.793	10.55
29)	C	3-chloropropene	1.178	1.149	1.149	1.071	1.061	1.058	1.011	0.914	1.074	8.04
30)	C	carbon disulfide	2.474	2.451	2.429	2.223	2.190	2.170	1.972	1.673	2.198	12.42
31)		Freon 113	1.396	1.355	1.350	1.255	1.230	1.174	1.030	0.847	1.205	15.46

Response Factor Report

Method Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Method File : TFS22_231129.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Dec 01 08:46:43 2023
Response Via : Initial Calibration

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dich...	1.211	1.133	1.109	1.034	1.021	1.002	0.904	0.765	1.022	13.64
33)	C	1,1-dichloroet...	1.433	1.421	1.421	1.350	1.331	1.284	1.183	1.015	1.305	11.03
34)	C	MTBE	2.075	2.087	2.070	1.926	1.912	1.891	1.727	1.475	1.895	11.04
35)	C	vinyl acetate			1.596	1.399	1.443	1.494	1.476	1.360	1.461	5.64
36)	C	2-butanone			1.697	1.657	1.690	1.670	1.675	1.581	1.396	1.624	6.62
37)		cis-1,2-dichlo...	1.057	1.026	1.016	0.964	0.948	0.906	0.822	0.700	0.930	12.83
38)		Ethyl Acetate	0.292	0.274	0.283	0.261	0.262	0.253	0.218	0.179	0.253	14.74
39)	C	chloroform	1.314	1.318	1.302	1.206	1.185	1.113	0.957	0.779	1.147	16.78
40)		Tetrahydrofuran	1.137	1.130	1.090	1.034	1.031	1.026	0.964	0.855	1.033	8.95
41)		2,2-dichloropr...	1.071	1.007	1.010	0.971	0.964	0.903	0.765	0.614	0.913	16.58
42)	C	1,2-dichloroet...	0.863	0.765	0.736	0.665	0.654	0.611	0.516	0.405	0.652	22.13
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.435	0.413	0.415	0.375	0.363	0.340	0.275	0.214	0.354	21.46
45)		diisopropyl ether	0.260	0.256	0.257	0.234	0.233	0.214	0.178	0.140	0.222	19.29
46)		tert-butyl eth...	0.757	0.752	0.743	0.699	0.686	0.638	0.536	0.431	0.655	17.78
47)	s	1,2-dichloroet...	0.290	0.288	0.293	0.290	0.288	0.279	0.251	0.208	0.273	10.91
48)	C	1,1,1-trichlor...	0.322	0.316	0.315	0.297	0.289	0.269	0.219	0.188	0.277	17.74
49)		1,1-dichloropr...	0.337	0.330	0.331	0.312	0.310	0.295	0.256	0.213	0.298	14.42
50)	C	benzene	0.850	0.826	0.820	0.769	0.770	0.731	0.651	0.551	0.746	13.53
51)		thiophene								0.000		-1.00
52)	C	carbon tetrach...	0.291	0.284	0.291	0.270	0.262	0.242	0.194	0.151	0.248	20.51
53)		cyclohexane	0.494	0.455	0.453	0.413	0.400	0.386	0.344	0.294	0.405	15.93
54)		tert-amyl meth...	0.756	0.723	0.721	0.679	0.673	0.640	0.556	0.468	0.652	14.77
55)		dibromomethane	0.217	0.213	0.208	0.194	0.187	0.172	0.137	0.106	0.179	22.02
56)	C	1,2-dichloropr...	0.280	0.275	0.275	0.259	0.257	0.240	0.201	0.161	0.244	17.30
57)		bromodichlorom...	0.378	0.382	0.384	0.348	0.338	0.316	0.248	0.199	0.324	20.87
58)	C	1,4-dioxane	0.198	0.186	0.180	0.162	0.168	0.166	0.137	0.106	0.163	17.96
59)	C	trichloroethene	0.347	0.342	0.339	0.321	0.314	0.292	0.231	0.174	0.295	20.91
60)	C	2,2,4-trimethy...	1.343	1.333	1.324	1.191	1.163	1.097	0.887	0.689	1.128	20.75
61)		methyl methacr...			0.270	0.271	0.258	0.259	0.247	0.217	0.181	0.243	13.56
62)		heptane	0.520	0.513	0.511	0.469	0.459	0.440	0.363	0.292	0.446	18.10

Response Factor Report

Method Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Method File : TFS22_231129.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Dec 01 08:46:43 2023
Response Via : Initial Calibration

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichlo...	0.398	0.401	0.397	0.379	0.378	0.356	0.296	0.240	0.356	16.25
64)	C	4-methyl-2-pen...		0.613	0.600	0.543	0.527	0.486	0.392	0.309	0.496	22.32
65)		trans-1,3-dich...	0.327	0.324	0.324	0.303	0.302	0.291	0.253	0.211	0.292	13.98
66)	C	1,1,2-trichlor...	0.300	0.295	0.288	0.276	0.275	0.262	0.225	0.187	0.264	14.71
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	9.358	9.144	9.076	8.643	8.615	8.286	7.466	6.142	8.341	12.81
69)	s	toluene-D8	1.076	1.067	1.102	1.119	1.160	1.212	1.346	1.458	1.193	11.80
70)		2-methylthiophene									0.000	-1.00
71)		1,3-dichloropr...	4.198	4.094	4.047	3.871	3.894	3.742	3.417	2.924	3.773	11.11
72)		2-hexanone	5.030	5.161	5.267	4.884	4.954	4.944	4.702	4.203	4.893	6.69
73)		3-methylthiophene									0.000	-1.00
74)		dibromochlorom...	3.668	3.647	3.589	3.413	3.377	3.327	2.992	2.520	3.317	11.73
75)	C	1,2-dibromoethane	3.889	3.927	3.884	3.750	3.760	3.732	3.454	2.996	3.674	8.48
76)		butyl acetate		1.136	1.170	1.216	1.260	1.268	1.293	1.205	1.221	4.60
77)		octane	3.672	3.751	3.784	3.627	3.563	3.426	2.973	2.469	3.408	13.46
78)	C	tetrachloroethene	3.579	3.574	3.516	3.409	3.385	3.246	2.850	2.332	3.236	13.46
79)		1,1,1,2-tetrac...	2.954	2.920	2.913	2.759	2.702	2.527	2.123	1.739	2.579	16.91
80)	C	chlorobenzene	7.159	7.234	7.120	6.830	6.757	6.445	5.565	4.504	6.452	14.79
81)	C	ethylbenzene	1.095	1.085	1.102	1.059	1.053	1.016	0.902	0.760	1.009	11.84
82)		2-ethylthiophene									0.000	-1.00
83)	C	m+p-xylene	8.967	9.012	8.981	8.613	8.358	7.652	6.330	4.932	7.856	18.99
84)	C	bromoform	3.003	3.013	3.028	2.856	2.825	2.738	2.337	1.953	2.719	14.08
85)	C	styrene	7.180	7.235	7.395	7.395	7.463	7.257	6.635	5.766	7.041	8.18
86)	C	1,1,2,2-tetrac...	5.874	5.913	5.919	5.751	5.610	5.155	4.359	3.552	5.266	16.59
87)	C	o-xylene	8.977	8.941	8.928	8.504	8.186	7.298	5.835	4.695	7.670	21.04
88)		1,2,3-trichlor...	4.556	4.693	4.614	4.516	4.531	4.411	4.109	3.673	4.388	7.70
89)		nonane	6.799	6.855	6.902	6.602	6.461	6.031	5.173	4.391	6.152	14.86
90)	s	bromofluoroben...	6.334	6.164	6.444	6.671	6.900	7.041	7.814	8.008	6.922	9.77
91)	C	isopropylbenzene	1.168	1.169	1.178	1.138	1.119	1.045	0.911	0.760	1.061	14.24
92)		bromobenzene	6.408	6.286	6.351	6.130	6.059	5.739	5.007	4.292	5.784	13.05
93)		2-chlorotoluene	3.568	3.474	3.479	3.460	3.438	3.324	2.902	2.370	3.252	12.64

Response Factor Report

Method Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Method File : TFS22_231129.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Dec 01 08:46:43 2023
Response Via : Initial Calibration

Calibration Files
0.2 =r221890.D 0.5 =r221891.D 1.0 =r221892.D 5.0 =r221893.D 10 =r221894.D 20 =r221895.D
50 =r221896.D 100 =r221897.D

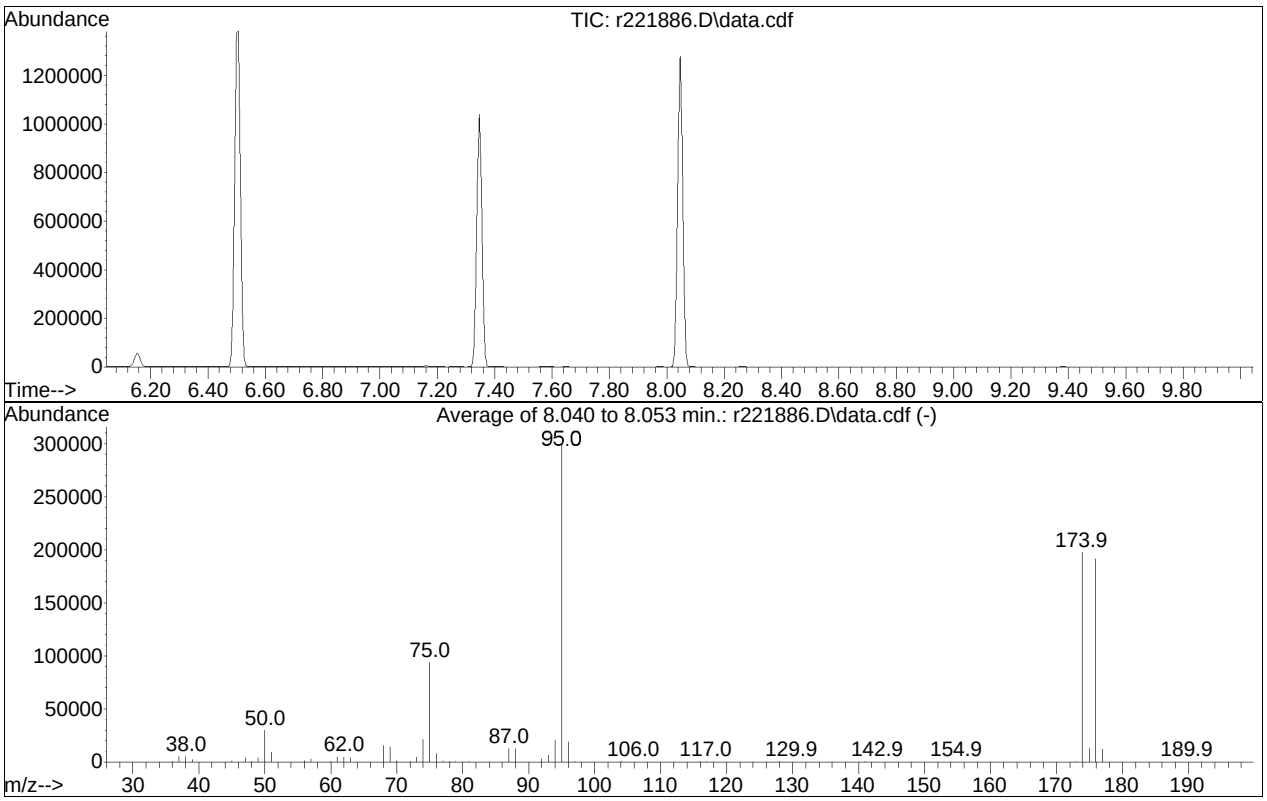
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	4.070	4.115	4.111	4.126	4.107	3.859	3.266	2.631	3.785	14.55
95)		4-chlorotoluene	3.344	3.437	3.458	3.445	3.449	3.323	3.047	2.625	3.266	8.96
96)		4-ethyl toluene	1.252	1.213	1.274	1.228	1.190	1.099	0.998	0.813	1.133	13.91
97)		1,3,5-trimethy...	0.989	1.081	1.025	1.017	0.993	0.947	0.743	0.628	0.928	16.95
98)		tert-butylbenzene	1.096	1.101	1.110	1.048	0.992	0.847	0.652	0.530	0.922	24.28
99)		1,2,4-trimethy...	1.047	1.065	1.069	1.029	0.950	0.811	0.623	0.498	0.887	24.93
100)		decane	7.859	8.175	8.209	8.131	7.935	7.298	6.250	5.353	7.401	14.27
101)	C	Benzyl Chloride	4.641	4.817	5.130	5.741	5.952	6.037	5.461	4.800	5.322	10.37
102)		1,3-dichlorobe...	7.098	7.203	7.211	7.377	7.049	6.407	5.194	4.545	6.511	16.38
103)	C	1,4-dichlorobe...	6.741	7.029	7.055	7.078	6.891	6.146	5.169	3.844	6.244	18.72
104)		sec-butylbenzene	1.441	1.491	1.490	1.468	1.421	1.290	1.062	0.868	1.316	17.63
105)		1,2,3-trimethy...	9.624	9.827	9.835	9.215	8.458	7.314	5.650	4.673	8.074	24.79
106)		p-isopropyltol...	1.294	1.334	1.329	1.292	1.189	0.995	0.772	0.620	1.103	25.15
107)		1,2-dichlorobe...	6.451	6.502	6.657	6.812	6.725	6.134	5.231	4.437	6.119	13.83
108)		n-butylbenzene	1.063	1.102	1.108	1.120	1.071	0.953	0.803	0.683	0.988	16.51
109)		indan	1.030	1.068	1.076	1.067	1.026	0.938	0.778	0.645	0.954	16.72
110)		indene	6.703	6.805	7.088	7.245	7.266	6.831	5.966	5.066	6.621	11.35
111)	C	1,2-dibromo-3-...	2.375	2.419	2.375	2.447	2.296	2.047	1.741	1.598	2.162	15.29
112)		undecane	8.191	8.665	8.887	9.249	8.879	7.853	6.546	5.594	7.983	16.07
113)		1,2,4,5-tetram...	1.818	1.902	1.964	1.985	2.065	1.948	1.971	1.971	1.953	3.64
114)		dodecane	7.289	8.482	8.953	9.658	8.665	6.882	5.159	4.381	7.434	25.27
115)	C	1,2,4-trichlor...	4.622	4.975	5.151	5.883	5.741	4.889	3.929	3.268	4.807	18.20
116)		naphthalene	1.145	1.298	1.392	1.458	1.364	1.117	0.853	0.701	1.166	23.16
117)		1,2,3-trichlor...	3.901	4.289	4.554	5.106	4.963	4.358	3.649	3.017	4.229	16.35
118)		benzothiophene	1.970	2.353	2.546	2.871	2.621	2.051	1.488	1.190	2.136	27.06
119)	C	hexachlorobuta...	4.155	4.585	4.470	4.494	4.069	3.271	2.447	2.023	3.689	26.94
120)		2-methylnaphth...			2.760	5.762	6.920	5.902	5.744	4.877	5.328	26.58
121)		1-methylnaphth...			2.786	5.635	6.668	5.879	5.874	5.230	5.345	25.05

(#) = Out of Range

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221886.D
Acq On : 29 Nov 2023 8:41 PM
Operator : AIRLAB22:RAY
Sample : WG1858542-1,3,250,250
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Dec 01 08:46:43 2023



Spectrum Information: Average of 8.040 to 8.053 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	9.9	29873	PASS
75	95	30	66	31.2	93793	PASS
95	95	100	100	100.0	300807	PASS
96	95	5	9	6.4	19360	PASS
173	174	0.00	2	0.4	812	PASS
174	95	50	120	65.7	197760	PASS
175	174	4	9	6.9	13567	PASS
176	174	93	101	96.6	191127	PASS
177	176	5	9	6.5	12433	PASS

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221890.D
Acq On : 29 Nov 2023 10:39 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:51 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	189658	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 98.33%			
43) 1,4-difluorobenzene	5.377	114	652716	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 96.52%			
67) chlorobenzene-D5	7.347	54	71294	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 102.09%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	189189	11.097	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.97%			
69) toluene-D8	6.500	98	767278	9.632	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.32%			
90) bromofluorobenzene	8.047	95	451544	9.534	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.34%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.135	51	2392M6	0.160	ppbV	
3) propylene	2.155	41	2344M6	0.169	ppbV	
4) propane	2.170	29	2892	0.325	ppbV #	73
5) dichlorodifluoromethane	2.195	85	3625	0.214	ppbV	94
6) chloromethane	2.300	50	1839	0.215	ppbV	96
7) Freon-114	2.360	85	5335	0.223	ppbV	98
8) methanol	2.390	31	4865	1.373	ppbV #	1
9) vinyl chloride	2.435	62	2345	0.190	ppbV	90
10) 1,3-butadiene	2.505	54	1752	0.201	ppbV #	78
11) butane	2.530	43	2923	0.176	ppbV #	96
12) acetaldehyde	2.375	29	5778	1.230	ppbV #	82
13) bromomethane	2.630	94	1778	0.216	ppbV	98
14) chloroethane	2.705	64	918	0.180	ppbV	92
15) ethanol	2.750	31	5445	1.350	ppbV	92
16) dichlorofluoromethane	2.745	67	3326	0.198	ppbV #	95
17) vinyl bromide	2.863	106	1592	0.205	ppbV	94
18) acrolein	2.911	56	723	0.199	ppbV #	1
19) acetone	2.974	43	7088	0.813	ppbV #	84
20) acetonitrile	2.851	41	1362	0.164	ppbV #	1
21) trichlorofluoromethane	3.055	101	1882	0.189	ppbV	95
22) isopropyl alcohol	3.085	45	6008	0.436	ppbV #	97
23) acrylonitrile	3.187	53	1503	0.213	ppbV	93
24) pentane	3.223	43	2944	0.165	ppbV #	90

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221890.D
Acq On : 29 Nov 2023 10:39 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:51 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	3.232	31	2024	0.208	ppbV		95
26) 1,1-dichloroethene	3.355	61	3315	0.184	ppbV		92
27) tertiary butyl alcohol	3.380	59	4895	0.199	ppbV	#	94
28) methylene chloride	3.415	49	3822	0.248	ppbV		85
29) 3-chloropropene	3.470	41	4469	0.191	ppbV		97
30) carbon disulfide	3.560	76	9383	0.217	ppbV	#	78
31) Freon 113	3.540	101	5297	0.219	ppbV		97
32) trans-1,2-dichloroethene	3.863	61	4593	0.214	ppbV		97
33) 1,1-dichloroethane	3.963	63	5434	0.202	ppbV		97
34) MTBE	3.997	73	7869	0.209	ppbV		98
35) vinyl acetate	4.037	43	5977	0.221	ppbV		99
36) 2-butanone	4.157	43	6442	0.202	ppbV		98
37) cis-1,2-dichloroethene	4.370	61	4008	0.203	ppbV		98
38) Ethyl Acetate	4.477	61	1108	0.210	ppbV		93
39) chloroform	4.510	83	4984	0.210	ppbV	#	96
40) Tetrahydrofuran	4.710	42	4312	0.192	ppbV		96
41) 2,2-dichloropropane	4.523	77	4064	0.227	ppbV		95
42) 1,2-dichloroethane	4.870	62	3272	0.243	ppbV		99
44) hexane	4.470	57	5679	0.227	ppbV		88
45) diisopropyl ether	4.470	87	3400	0.232	ppbV		79
46) tert-butyl ethyl ether	4.730	59	9879	0.224	ppbV		97
48) 1,1,1-trichloroethane	4.990	97	4198	0.254	ppbV		97
49) 1,1-dichloropropene	5.143	75	4403	0.231	ppbV		95
50) benzene	5.210	78	11095	0.227	ppbV		99
51) thiophene	0.000		0	N.D.	d		
52) carbon tetrachloride	5.283	117	3805	0.247	ppbV		99
53) cyclohexane	5.343	56	6449	0.228	ppbV		100
54) tert-amyl methyl ether	5.497	73	9870	0.250	ppbV		98
55) dibromomethane	5.583	93	2832	0.252	ppbV		97
56) 1,2-dichloropropane	5.597	63	3656	0.229	ppbV		98
57) bromodichloromethane	5.690	83	4937	0.239	ppbV		96
58) 1,4-dioxane	5.717	88	2584	0.244	ppbV	#	81
59) trichloroethene	5.710	130	4532	0.240	ppbV		98
60) 2,2,4-trimethylpentane	5.723	57	17538	0.230	ppbV		99
61) methyl methacrylate	5.797	41	3690	0.229	ppbV		92
62) heptane	5.843	43	6791	0.225	ppbV		99
63) cis-1,3-dichloropropene	6.107	75	5190	0.242	ppbV		94
64) 4-methyl-2-pentanone	6.127	43	8784	0.272	ppbV		97
65) trans-1,3-dichloropropene	6.340	75	4273	0.250	ppbV		93
66) 1,1,2-trichloroethane	6.420	97	3910	0.245	ppbV		91

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221890.D
Acq On : 29 Nov 2023 10:39 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:51 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	6.547	91	13344	0.221	ppbV		96
70) 2-methylthiophene	0.000		0	N.D.	d		
71) 1,3-dichloropropane	6.560	76	5986	0.237	ppbV	#	93
72) 2-hexanone	6.667	43	7172	0.208	ppbV		96
73) 3-methylthiophene	0.000		0	N.D.	d		
74) dibromochloromethane	6.740	129	5230	0.236	ppbV		99
75) 1,2-dibromoethane	6.853	107	5545	0.223	ppbV		99
76) butyl acetate	6.947	73	1620	0.212	ppbV		92
77) octane	6.987	85	5236	0.209	ppbV		94
78) tetrachloroethene	7.060	166	5103	0.213	ppbV	#	92
79) 1,1,1,2-tetrachloroethane	7.360	131	4212	0.238	ppbV		96
80) chlorobenzene	7.367	112	10208	0.221	ppbV		96
81) ethylbenzene	7.533	91	15612	0.215	ppbV		99
82) 2-ethylthiophene	0.000		0	N.D.	d		
83) m+p-xylene	7.613	91	25572	0.450	ppbV		98
84) bromoform	7.653	173	4282	0.228	ppbV		99
85) styrene	7.780	104	10238	0.208	ppbV		99
86) 1,1,2,2-tetrachloroethane	7.827	83	8375	0.223	ppbV		99
87) o-xylene	7.833	91	12800	0.232	ppbV		99
88) 1,2,3-trichloropropane	7.893	75	6497	0.228	ppbV		97
89) nonane	7.927	43	9695	0.216	ppbV		95
91) isopropylbenzene	8.107	105	16660	0.226	ppbV		96
92) bromobenzene	8.160	77	9137	0.233	ppbV		88
93) 2-chlorotoluene	8.347	126	5088M3	0.218	ppbV		
94) n-propylbenzene	8.360	120	5803	0.213	ppbV		87
95) 4-chlorotoluene	8.380	126	4768	0.211	ppbV		96
96) 4-ethyl toluene	8.433	105	17846	0.231	ppbV		96
97) 1,3,5-trimethylbenzene	8.467	105	14096	0.213	ppbV		93
98) tert-butylbenzene	8.677	119	15625	0.230	ppbV		98
99) 1,2,4-trimethylbenzene	8.677	105	14935	0.241	ppbV		93
100) decane	8.723	57	11206	0.206	ppbV		97
101) Benzyl Chloride	8.750	91	6617	0.180	ppbV		99
102) 1,3-dichlorobenzene	8.763	146	10121	0.223	ppbV	#	96
103) 1,4-dichlorobenzene	8.797	146	9612M3	0.226	ppbV		
104) sec-butylbenzene	8.817	105	20546	0.226	ppbV		98
105) 1,2,3-trimethylbenzene	8.897	105	13722	0.244	ppbV		92
106) p-isopropyltoluene	8.897	119	18457	0.228	ppbV		98
107) 1,2-dichlorobenzene	8.970	146	9198	0.217	ppbV		99
108) n-butylbenzene	9.110	91	15163	0.218	ppbV		97
109) indan	9.003	117	14691	0.214	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221890.D
Acq On : 29 Nov 2023 10:39 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:51 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

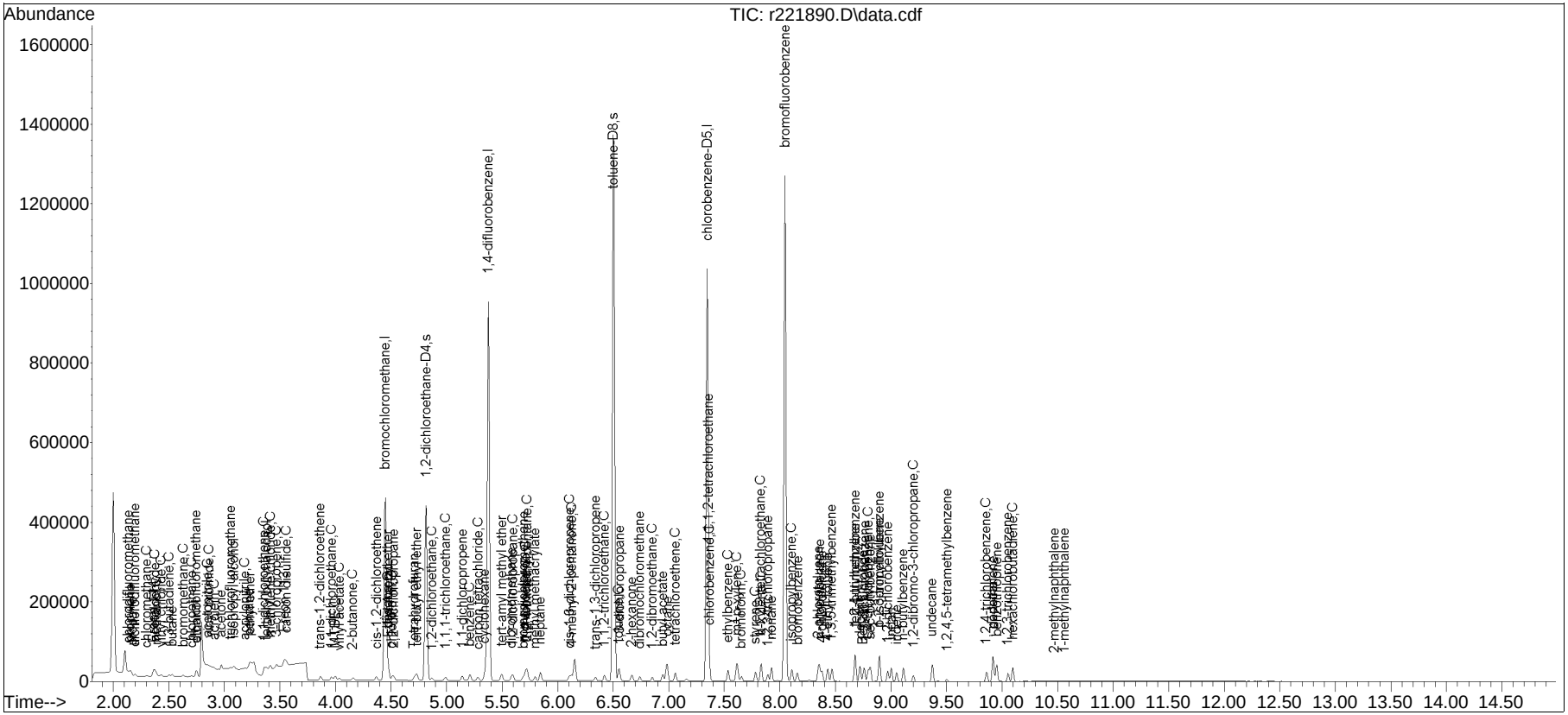
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	9.050	115	9558	0.202	ppbV		97
111) 1,2-dibromo-3-chloropr...	9.203	75	3386	0.242	ppbV	#	76
112) undecane	9.370	57	11680	0.198	ppbV		96
113) 1,2,4,5-tetramethylben...	9.503	119	2592	0.189	ppbV	#	97
114) dodecane	9.918	57	10393	0.184	ppbV		96
115) 1,2,4-trichlorobenzene	9.857	180	6591	0.180	ppbV		92
116) naphthalene	9.918	128	16327	0.181	ppbV	#	94
117) 1,2,3-trichlorobenzene	10.053	180	5562	0.174	ppbV		94
118) benzothiophene	9.955	134	28094	0.179	ppbV		99
119) hexachlorobutadiene	10.098	225	5924	0.204	ppbV	#	92
120) 2-methylnaphthalene	10.473	142	303	0.008	ppbV	#	83
121) 1-methylnaphthalene	10.563	142	311	0.008	ppbV	#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221890.D
Acq On : 29 Nov 2023 10:39 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.2
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

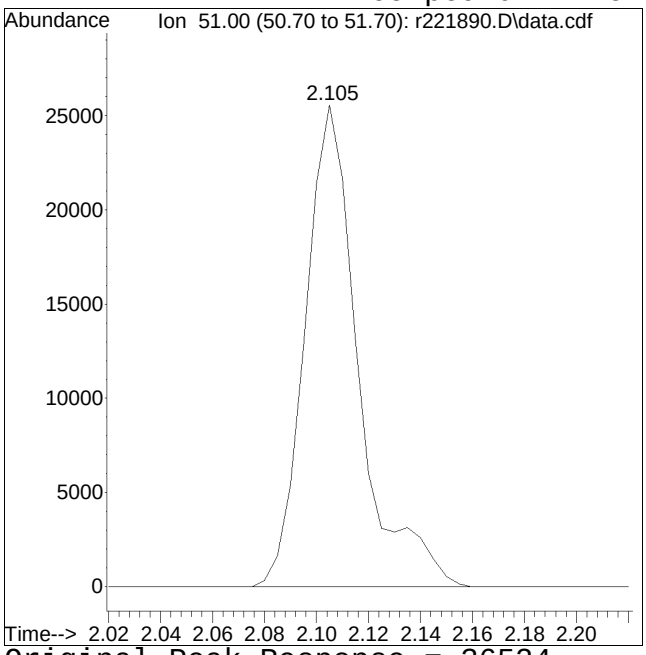
Quant Time: Nov 30 12:36:51 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



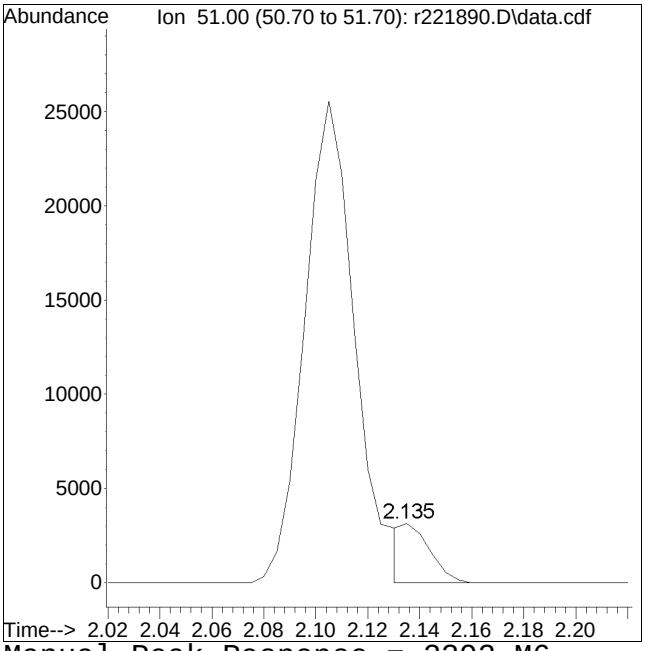
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221890.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:0: 9 Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 11/30/2023 12:36 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 36524



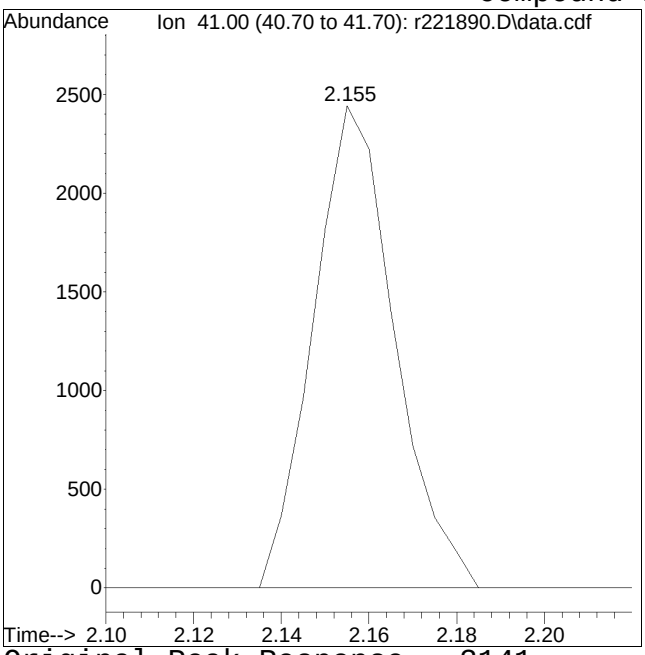
Manual Peak Response = 2392 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

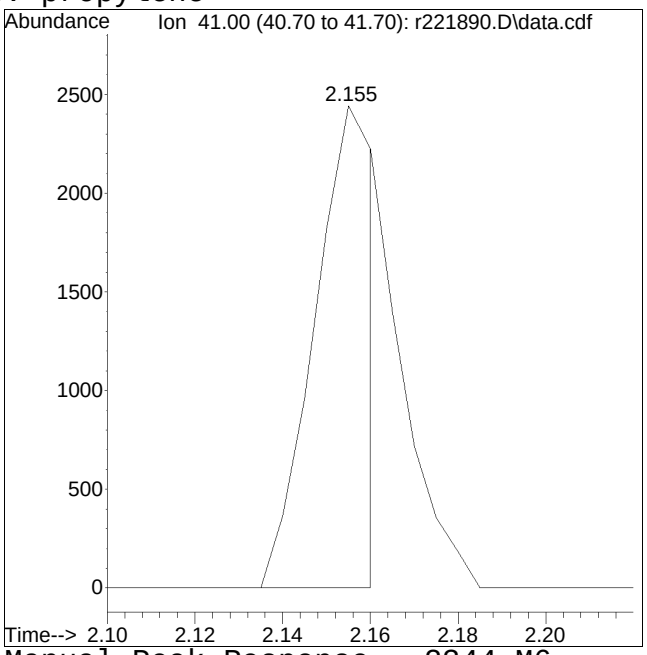
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221890.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:0: 9 Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 11/30/2023 12:36 pm

Compound #3: propylene



Original Peak Response = 3141



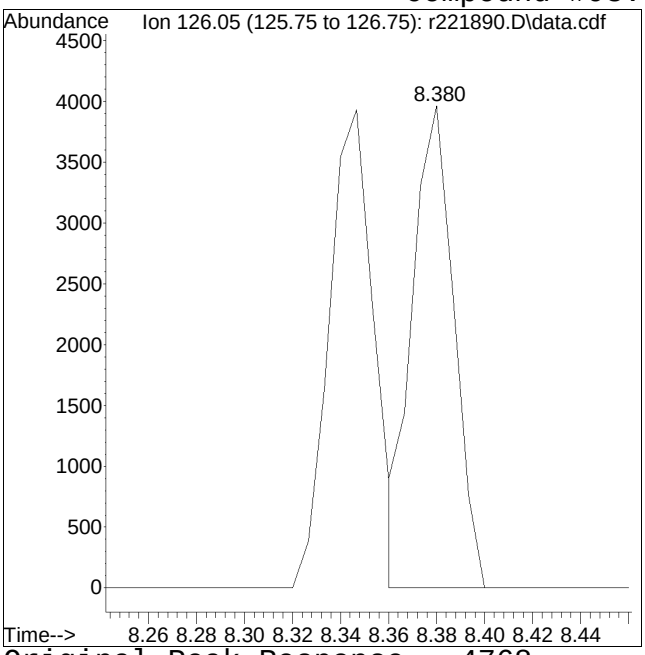
Manual Peak Response = 2344 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

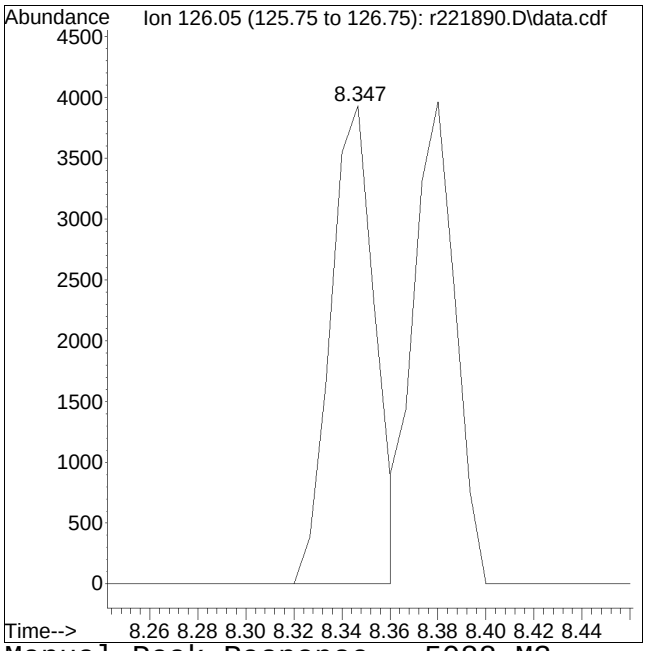
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221890.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:0: 9 Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 11/30/2023 12:36 pm

Compound #93: 2-chlorotoluene



Original Peak Response = 4768



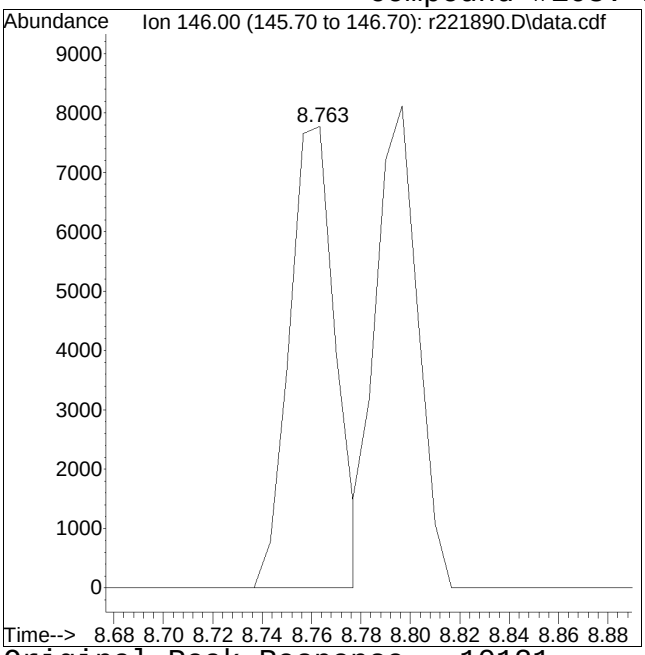
Manual Peak Response = 5088 M3

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.

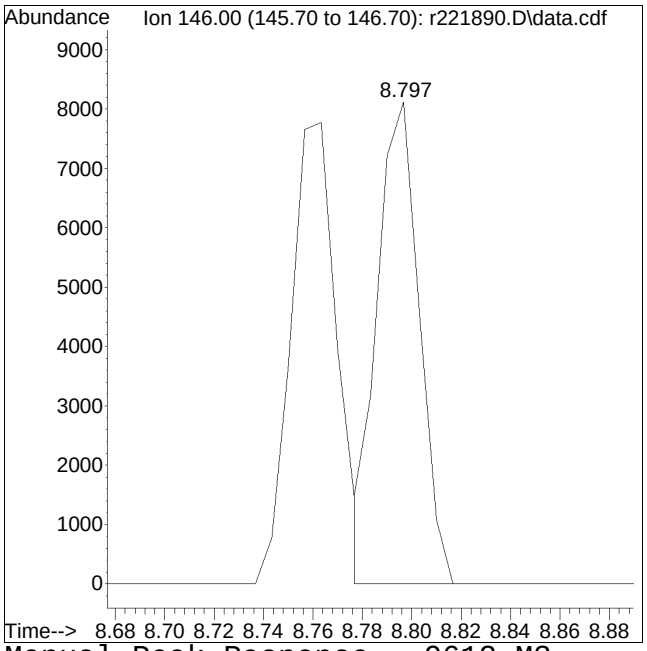
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221890.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:0: 9 Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 11/30/2023 12:36 pm

Compound #103: 1,4-dichlorobenzene



Original Peak Response = 10121



Manual Peak Response = 9612 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 : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221891.D
Acq On : 29 Nov 2023 11:11 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:59 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	188670	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 97.82%			
43) 1,4-difluorobenzene	5.377	114	654198	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 96.73%			
67) chlorobenzene-D5	7.347	54	70758	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 101.32%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	188528	11.034	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.34%			
69) toluene-D8	6.500	98	754778	9.547	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.47%			
90) bromofluorobenzene	8.047	95	436125	9.278	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.78%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.135	51	6874M6	0.463	ppbV	
3) propylene	2.160	41	5591M6	0.404	ppbV	
4) propane	2.170	29	5737	0.647	ppbV #	87
5) dichlorodifluoromethane	2.200	85	9017	0.535	ppbV	98
6) chloromethane	2.305	50	4317	0.506	ppbV	98
7) Freon-114	2.365	85	13115	0.550	ppbV	97
8) methanol	2.390	31	11317	3.210	ppbV #	24
9) vinyl chloride	2.435	62	5840	0.477	ppbV	94
10) 1,3-butadiene	2.505	54	4257	0.491	ppbV #	80
11) butane	2.530	43	6945	0.421	ppbV	95
12) acetaldehyde	2.375	29	13061	2.795	ppbV	94
13) bromomethane	2.630	94	4283	0.524	ppbV	97
14) chloroethane	2.705	64	2215	0.436	ppbV	98
15) ethanol	2.750	31	10956	2.731	ppbV	90
16) dichlorofluoromethane	2.745	67	8466	0.508	ppbV	98
17) vinyl bromide	2.863	106	3809	0.492	ppbV	95
18) acrolein	2.911	56	1773	0.490	ppbV #	1
19) acetone	2.971	43	17347	2.000	ppbV #	86
20) acetonitrile	2.848	41	3212	0.389	ppbV #	7
21) trichlorofluoromethane	3.055	101	4546	0.458	ppbV	99
22) isopropyl alcohol	3.082	45	14445	1.054	ppbV	99
23) acrylonitrile	3.187	53	3393	0.483	ppbV	97
24) pentane	3.220	43	7157	0.403	ppbV #	89

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221891.D
Acq On : 29 Nov 2023 11:11 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:59 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	3.229	31	4564	0.471	ppbV		95
26) 1,1-dichloroethene	3.355	61	9070	0.506	ppbV		97
27) tertiary butyl alcohol	3.380	59	12248	0.501	ppbV		96
28) methylene chloride	3.410	49	8534	0.557	ppbV		95
29) 3-chloropropene	3.470	41	10841	0.465	ppbV		98
30) carbon disulfide	3.555	76	23119	0.538	ppbV	#	92
31) Freon 113	3.540	101	12781	0.531	ppbV		98
32) trans-1,2-dichloroethene	3.863	61	10688	0.501	ppbV		96
33) 1,1-dichloroethane	3.963	63	13406	0.501	ppbV		96
34) MTBE	3.997	73	19691	0.525	ppbV		98
35) vinyl acetate	4.030	43	14581	0.542	ppbV		98
36) 2-butanone	4.157	43	16007	0.505	ppbV		99
37) cis-1,2-dichloroethene	4.370	61	9680	0.493	ppbV		98
38) Ethyl Acetate	4.477	61	2587	0.494	ppbV		86
39) chloroform	4.510	83	12432	0.525	ppbV		98
40) Tetrahydrofuran	4.710	42	10662	0.478	ppbV		97
41) 2,2-dichloropropane	4.523	77	9495	0.534	ppbV		97
42) 1,2-dichloroethane	4.863	62	7218	0.539	ppbV		97
44) hexane	4.470	57	13510	0.538	ppbV		97
45) diisopropyl ether	4.470	87	8386	0.571	ppbV		78
46) tert-butyl ethyl ether	4.730	59	24586	0.557	ppbV		98
48) 1,1,1-trichloroethane	4.990	97	10324	0.623	ppbV		97
49) 1,1-dichloropropene	5.143	75	10802	0.565	ppbV		92
50) benzene	5.210	78	27024	0.552	ppbV		98
51) thiophene	0.000		0	N.D.	d		
52) carbon tetrachloride	5.283	117	9287	0.600	ppbV		98
53) cyclohexane	5.343	56	14877	0.526	ppbV		99
54) tert-amyl methyl ether	5.490	73	23656	0.599	ppbV		98
55) dibromomethane	5.583	93	6976	0.618	ppbV		93
56) 1,2-dichloropropane	5.597	63	8998	0.563	ppbV		99
57) bromodichloromethane	5.690	83	12492	0.602	ppbV		99
58) 1,4-dioxane	5.710	88	6086	0.574	ppbV		89
59) trichloroethene	5.710	130	11180	0.592	ppbV		97
60) 2,2,4-trimethylpentane	5.723	57	43611	0.569	ppbV		99
61) methyl methacrylate	5.797	41	8848	0.548	ppbV		93
62) heptane	5.843	43	16786	0.555	ppbV		97
63) cis-1,3-dichloropropene	6.100	75	13110	0.611	ppbV		92
64) 4-methyl-2-pentanone	6.120	43	20062	0.620	ppbV		97
65) trans-1,3-dichloropropene	6.340	75	10604	0.619	ppbV		94
66) 1,1,2-trichloroethane	6.420	97	9661	0.603	ppbV		92

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221891.D
Acq On : 29 Nov 2023 11:11 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:59 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	6.547	91	32352	0.540	ppbV	98
70) 2-methylthiophene	0.000		0	N.D.	d	
71) 1,3-dichloropropane	6.560	76	14483	0.579	ppbV	95
72) 2-hexanone	6.667	43	18260	0.535	ppbV	96
73) 3-methylthiophene	0.000		0	N.D.	d	
74) dibromochloromethane	6.740	129	12901	0.587	ppbV	99
75) 1,2-dibromoethane	6.853	107	13895	0.564	ppbV	99
76) butyl acetate	6.947	73	4020	0.530	ppbV	93
77) octane	6.987	85	13272	0.534	ppbV	97
78) tetrachloroethene	7.060	166	12643	0.532	ppbV	95
79) 1,1,1,2-tetrachloroethane	7.360	131	10329	0.588	ppbV	98
80) chlorobenzene	7.367	112	25592	0.560	ppbV	97
81) ethylbenzene	7.533	91	38390	0.532	ppbV	98
82) 2-ethylthiophene	0.000		0	N.D.	d	
83) m+p-xylene	7.613	91	63766	1.131	ppbV	99
84) bromoform	7.653	173	10660	0.571	ppbV	97
85) styrene	7.780	104	25598	0.523	ppbV	98
86) 1,1,2,2-tetrachloroethane	7.827	83	20920	0.562	ppbV	99
87) o-xylene	7.833	91	31632	0.578	ppbV	99
88) 1,2,3-trichloropropane	7.893	75	16604	0.587	ppbV	93
89) nonane	7.927	43	24254	0.543	ppbV	96
91) isopropylbenzene	8.107	105	41373	0.565	ppbV	95
92) bromobenzene	8.160	77	22240	0.571	ppbV	86
93) 2-chlorotoluene	8.347	126	12289M3	0.532	ppbV	
94) n-propylbenzene	8.360	120	14558	0.538	ppbV	89
95) 4-chlorotoluene	8.380	126	12161	0.543	ppbV	93
96) 4-ethyl toluene	8.433	105	42917	0.560	ppbV	95
97) 1,3,5-trimethylbenzene	8.467	105	38258	0.583	ppbV	93
98) tert-butylbenzene	8.677	119	38953	0.578	ppbV	99
99) 1,2,4-trimethylbenzene	8.677	105	37690	0.612	ppbV	95
100) decane	8.723	57	28923	0.534	ppbV	97
101) Benzyl Chloride	8.750	91	17043	0.466	ppbV	98
102) 1,3-dichlorobenzene	8.757	146	25485	0.566	ppbV	98
103) 1,4-dichlorobenzene	8.797	146	24867	0.590	ppbV	96
104) sec-butylbenzene	8.817	105	52745	0.584	ppbV	97
105) 1,2,3-trimethylbenzene	8.897	105	34767	0.623	ppbV	94
106) p-isopropyltoluene	8.897	119	47200	0.588	ppbV	97
107) 1,2-dichlorobenzene	8.970	146	23005	0.548	ppbV	97
108) n-butylbenzene	9.110	91	38988	0.564	ppbV	97
109) indan	9.003	117	37787	0.555	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221891.D
Acq On : 29 Nov 2023 11:11 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:36:59 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

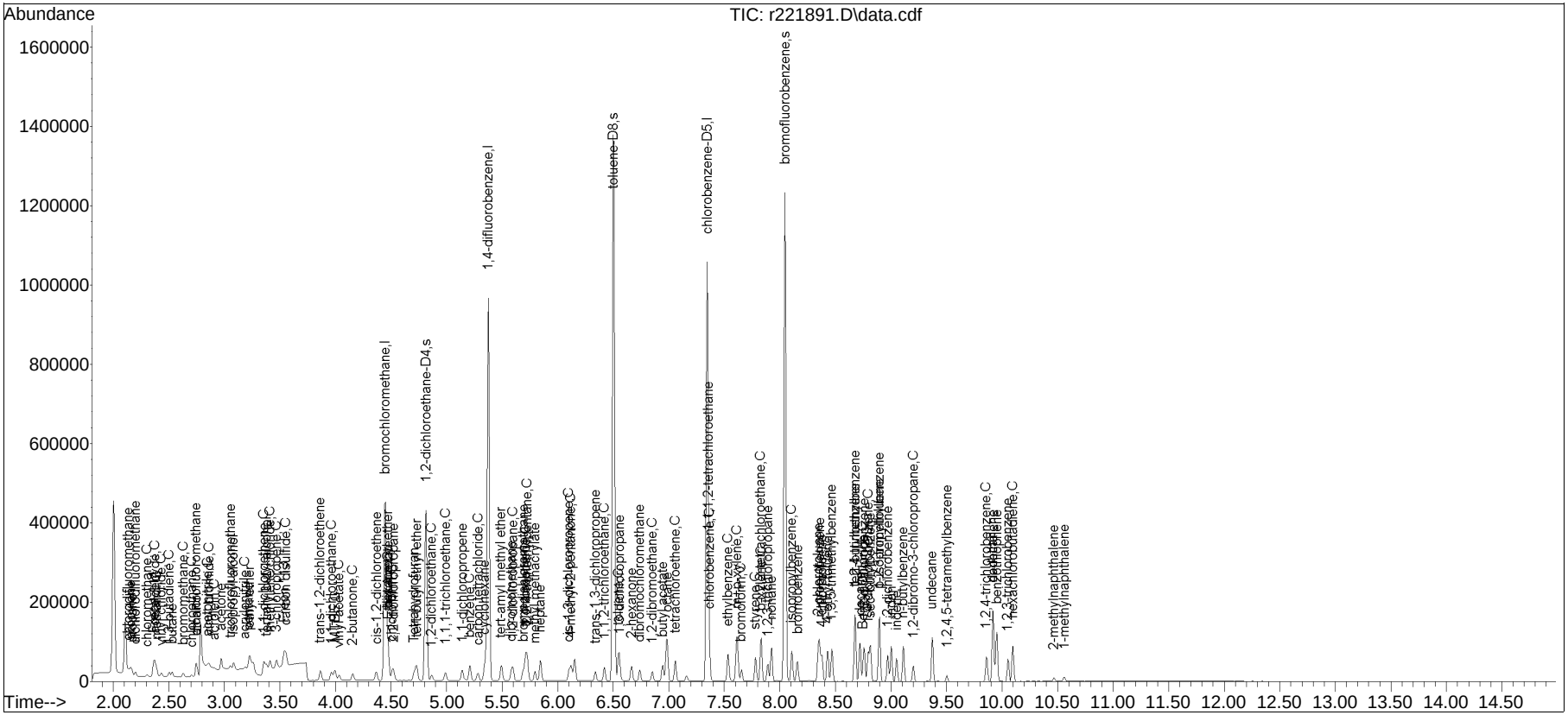
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	9.050	115	24076	0.514	ppbV		98
111) 1,2-dibromo-3-chloropr...	9.203	75	8558	0.616	ppbV	#	77
112) undecane	9.370	57	30655	0.522	ppbV		96
113) 1,2,4,5-tetramethylben...	9.503	119	6728	0.494	ppbV		100
114) dodecane	9.918	57	30009	0.535	ppbV		97
115) 1,2,4-trichlorobenzene	9.857	180	17600	0.484	ppbV		94
116) naphthalene	9.918	128	45930	0.514	ppbV	#	95
117) 1,2,3-trichlorobenzene	10.053	180	15174	0.477	ppbV	#	93
118) benzothiophene	9.955	134	83262	0.534	ppbV		99
119) hexachlorobutadiene	10.098	225	16220	0.564	ppbV	#	90
120) 2-methylnaphthalene	10.465	142	4683	0.122	ppbV		98
121) 1-methylnaphthalene	10.563	142	5298	0.138	ppbV		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221891.D
Acq On : 29 Nov 2023 11:11 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD0.5
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

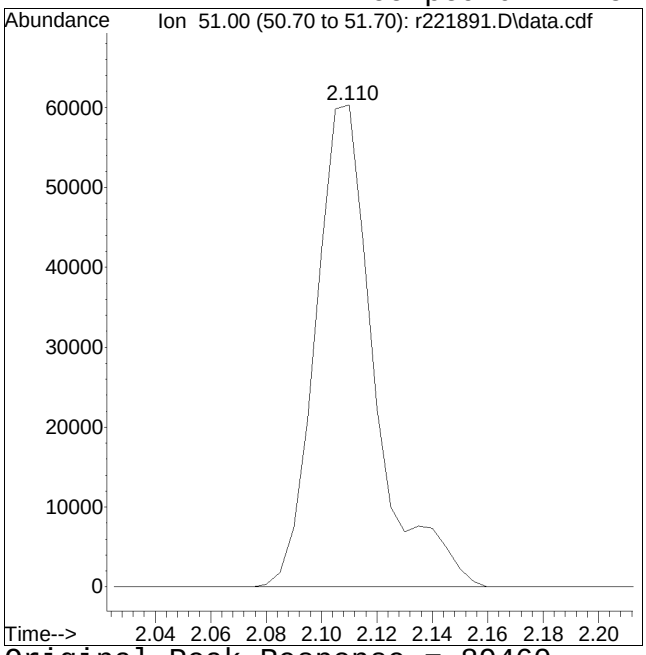
Quant Time: Nov 30 12:36:59 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



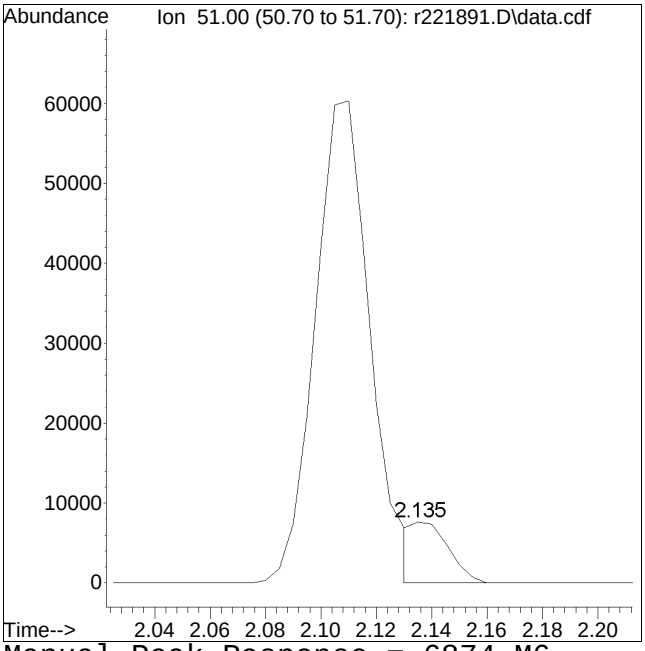
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221891.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:1: 1 Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 11/30/2023 12:36 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 89460



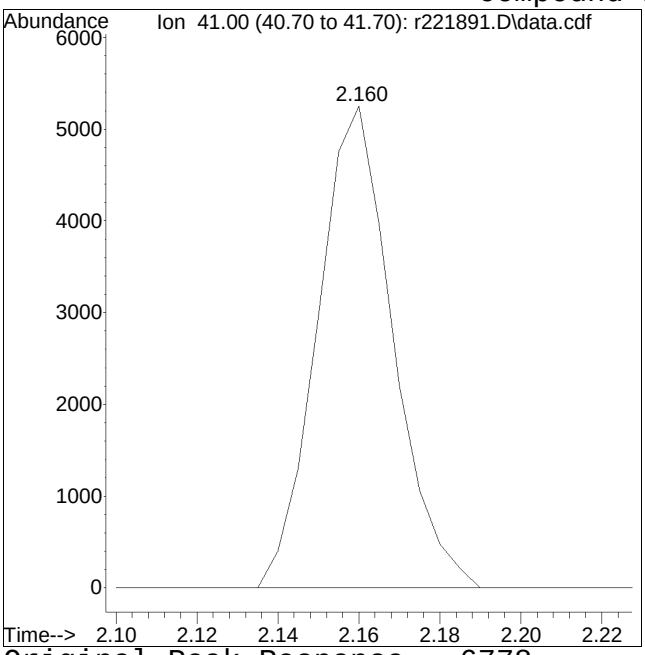
Manual Peak Response = 6874 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

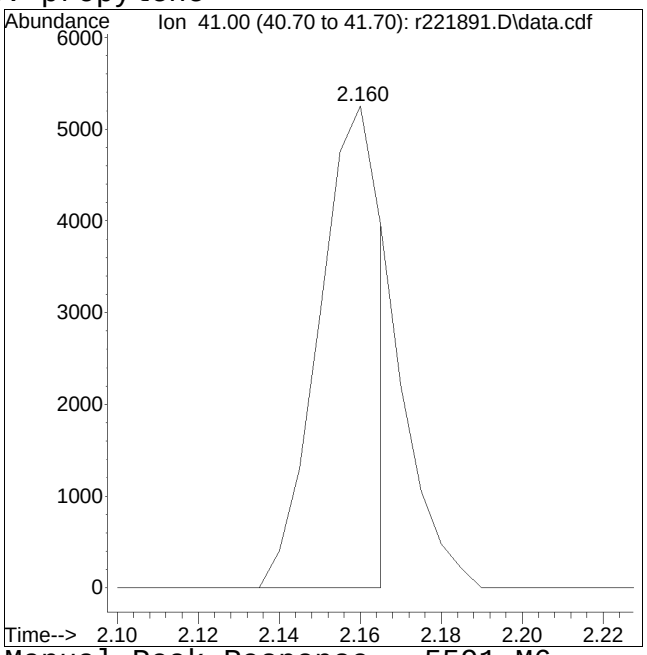
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221891.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:1: 1 Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 11/30/2023 12:36 pm

Compound #3: propylene



Original Peak Response = 6778



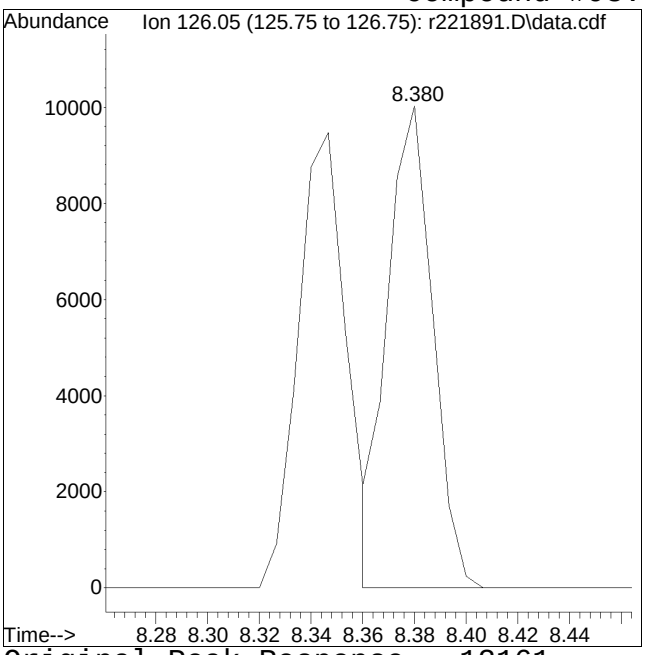
Manual Peak Response = 5591 M6

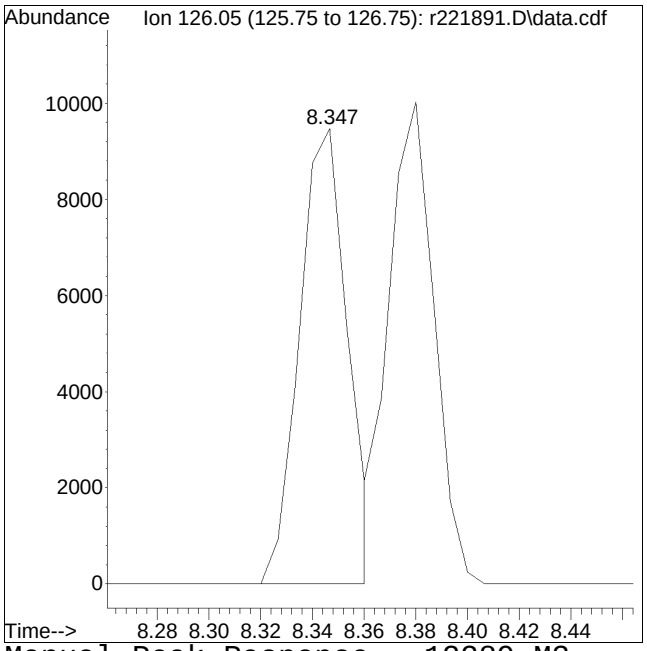
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221891.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:1: 1 Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 11/30/2023 12:36 pm

Compound #93: 2-chlorotoluene





Original Peak Response = 12161 Manual Peak Response = 12289 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 : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221892.D
Acq On : 29 Nov 2023 11:44 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:07 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	188838	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 97.91%			
43) 1,4-difluorobenzene	5.377	114	650210	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 96.14%			
67) chlorobenzene-D5	7.347	54	70057	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 100.32%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	190281	11.204	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.04%			
69) toluene-D8	6.507	98	772337	9.867	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.67%			
90) bromofluorobenzene	8.047	95	451452	9.700	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.00%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.140	51	15248M6	1.027	ppbV	
3) propylene	2.160	41	10155M6	0.734	ppbV	
4) propane	2.175	29	9435	1.064	ppbV #	86
5) dichlorodifluoromethane	2.200	85	16954	1.006	ppbV	99
6) chloromethane	2.305	50	8619	1.010	ppbV	99
7) Freon-114	2.365	85	25786	1.081	ppbV	99
8) methanol	2.390	31	21290	6.033	ppbV #	58
9) vinyl chloride	2.435	62	11480	0.936	ppbV	98
10) 1,3-butadiene	2.505	54	8488	0.978	ppbV	81
11) butane	2.535	43	13911	0.842	ppbV	97
12) acetaldehyde	2.380	29	24664	5.273	ppbV	93
13) bromomethane	2.635	94	8345	1.020	ppbV	97
14) chloroethane	2.710	64	4383	0.861	ppbV	96
15) ethanol	2.755	31	17522	4.364	ppbV	89
16) dichlorofluoromethane	2.750	67	14712	0.881	ppbV	100
17) vinyl bromide	2.866	106	7658	0.989	ppbV	99
18) acrolein	2.914	56	3552	0.981	ppbV #	47
19) acetone	2.974	43	34293	3.951	ppbV #	84
20) acetonitrile	2.854	41	6165	0.746	ppbV #	53
21) trichlorofluoromethane	3.058	101	8850	0.891	ppbV	96
22) isopropyl alcohol	3.085	45	26351	1.921	ppbV #	97
23) acrylonitrile	3.190	53	6771	0.962	ppbV	98
24) pentane	3.226	43	13686	0.771	ppbV #	92

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221892.D
Acq On : 29 Nov 2023 11:44 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:07 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	3.235	31	8675	0.894	ppbV	96
26) 1,1-dichloroethene	3.360	61	18028	1.005	ppbV	98
27) tertiary butyl alcohol	3.380	59	22914	0.937	ppbV	98
28) methylene chloride	3.415	49	16719	1.090	ppbV	94
29) 3-chloropropene	3.475	41	21698	0.930	ppbV	98
30) carbon disulfide	3.560	76	45862	1.067	ppbV	96
31) Freon 113	3.540	101	25502	1.058	ppbV	97
32) trans-1,2-dichloroethene	3.870	61	20950	0.980	ppbV	98
33) 1,1-dichloroethane	3.963	63	26835	1.002	ppbV	99
34) MTBE	3.997	73	39095	1.042	ppbV	96
35) vinyl acetate	4.037	43	30137	1.120	ppbV	97
36) 2-butanone	4.157	43	31284	0.987	ppbV	97
37) cis-1,2-dichloroethene	4.370	61	19181	0.977	ppbV	96
38) Ethyl Acetate	4.477	61	5336	1.018	ppbV	91
39) chloroform	4.510	83	24580	1.038	ppbV	97
40) Tetrahydrofuran	4.710	42	20574	0.921	ppbV	93
41) 2,2-dichloropropane	4.523	77	19072	1.072	ppbV	97
42) 1,2-dichloroethane	4.870	62	13901	1.037	ppbV	97
44) hexane	4.470	57	26959	1.080	ppbV	96
45) diisopropyl ether	4.470	87	16707	1.144	ppbV	83
46) tert-butyl ethyl ether	4.730	59	48308	1.101	ppbV	98
48) 1,1,1-trichloroethane	4.990	97	20486	1.243	ppbV	97
49) 1,1-dichloropropene	5.143	75	21524	1.133	ppbV	92
50) benzene	5.210	78	53331	1.097	ppbV	100
51) thiophene	0.000		0	N.D.	d	
52) carbon tetrachloride	5.283	117	18900	1.229	ppbV	99
53) cyclohexane	5.343	56	29447M6	1.047	ppbV	
54) tert-amyl methyl ether	5.497	73	46886	1.194	ppbV	98
55) dibromomethane	5.583	93	13527	1.206	ppbV	96
56) 1,2-dichloropropane	5.597	63	17878	1.126	ppbV	98
57) bromodichloromethane	5.690	83	24979	1.212	ppbV	98
58) 1,4-dioxane	5.710	88	11693	1.109	ppbV	96
59) trichloroethene	5.710	130	22016	1.172	ppbV	96
60) 2,2,4-trimethylpentane	5.723	57	86093	1.131	ppbV	99
61) methyl methacrylate	5.797	41	17610	1.098	ppbV	92
62) heptane	5.843	43	33248	1.106	ppbV	97
63) cis-1,3-dichloropropene	6.107	75	25838	1.211	ppbV	94
64) 4-methyl-2-pentanone	6.120	43	38996	1.212	ppbV	97
65) trans-1,3-dichloropropene	6.340	75	21056	1.236	ppbV	93
66) 1,1,2-trichloroethane	6.420	97	18750	1.178	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221892.D
Acq On : 29 Nov 2023 11:44 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:07 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	6.547	91	63582	1.072	ppbV		98
70) 2-methylthiophene	0.000		0	N.D.	d		
71) 1,3-dichloropropane	6.560	76	28353	1.144	ppbV		95
72) 2-hexanone	6.667	43	36902	1.091	ppbV		95
73) 3-methylthiophene	0.000		0	N.D.	d		
74) dibromochloromethane	6.740	129	25142	1.156	ppbV		99
75) 1,2-dibromoethane	6.853	107	27212	1.116	ppbV		99
76) butyl acetate	6.947	73	8196	1.092	ppbV		95
77) octane	6.987	85	26507	1.077	ppbV		97
78) tetrachloroethene	7.060	166	24632	1.046	ppbV		94
79) 1,1,1,2-tetrachloroethane	7.360	131	20406	1.173	ppbV		97
80) chlorobenzene	7.367	112	49882	1.101	ppbV		96
81) ethylbenzene	7.533	91	77179	1.081	ppbV		99
82) 2-ethylthiophene	0.000		0	N.D.	d		
83) m+p-xylene	7.613	91	125832	2.254	ppbV		99
84) bromoform	7.653	173	21215	1.148	ppbV		98
85) styrene	7.780	104	51810	1.070	ppbV		99
86) 1,1,2,2-tetrachloroethane	7.827	83	41464	1.124	ppbV		99
87) o-xylene	7.833	91	62545	1.153	ppbV		100
88) 1,2,3-trichloropropane	7.893	75	32323	1.153	ppbV		94
89) nonane	7.927	43	48350	1.094	ppbV		97
91) isopropylbenzene	8.107	105	82507	1.138	ppbV		96
92) bromobenzene	8.160	77	44492	1.155	ppbV		87
93) 2-chlorotoluene	8.347	126	24374M3	1.065	ppbV		
94) n-propylbenzene	8.360	120	28800	1.075	ppbV		93
95) 4-chlorotoluene	8.380	126	24226	1.093	ppbV		94
96) 4-ethyl toluene	8.433	105	89243	1.177	ppbV		96
97) 1,3,5-trimethylbenzene	8.467	105	71781	1.105	ppbV		94
98) tert-butylbenzene	8.677	119	77758	1.165	ppbV		98
99) 1,2,4-trimethylbenzene	8.677	105	74915	1.229	ppbV		94
100) decane	8.723	57	57511	1.073	ppbV		96
101) Benzyl Chloride	8.750	91	35936	0.993	ppbV		97
102) 1,3-dichlorobenzene	8.763	146	50515	1.134	ppbV	#	93
103) 1,4-dichlorobenzene	8.797	146	49424	1.184	ppbV		96
104) sec-butylbenzene	8.817	105	104394	1.167	ppbV		98
105) 1,2,3-trimethylbenzene	8.897	105	68900	1.247	ppbV		94
106) p-isopropyltoluene	8.897	119	93127	1.173	ppbV		98
107) 1,2-dichlorobenzene	8.970	146	46636	1.122	ppbV		99
108) n-butylbenzene	9.110	91	77634	1.135	ppbV		97
109) indan	9.003	117	75377	1.119	ppbV		100

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221892.D
Acq On : 29 Nov 2023 11:44 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:07 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

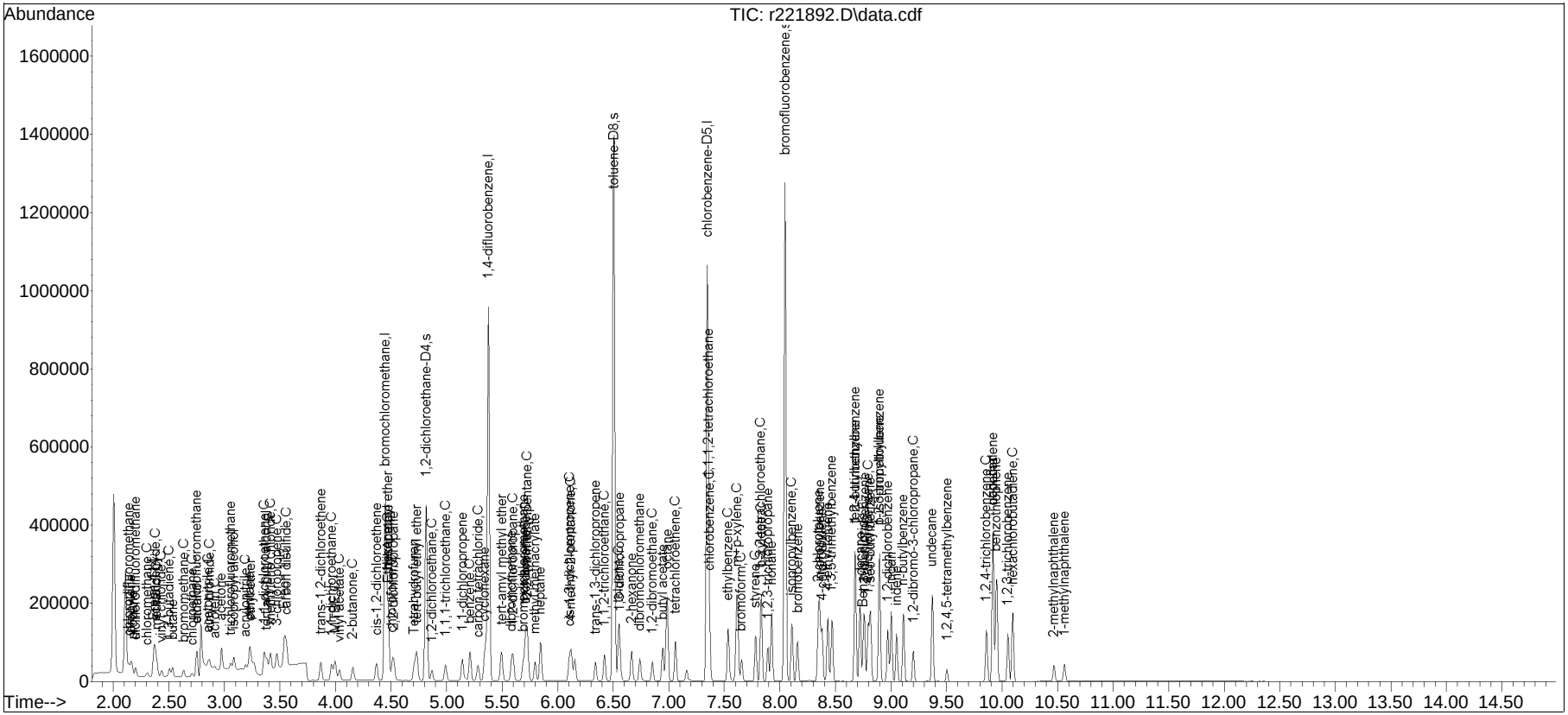
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	9.050	115	49654	1.070	ppbV		100
111) 1,2-dibromo-3-chloropr...	9.203	75	16642	1.210	ppbV	#	79
112) undecane	9.370	57	62260	1.072	ppbV		95
113) 1,2,4,5-tetramethylben...	9.503	119	13758	1.020	ppbV		98
114) dodecane	9.918	57	62723	1.129	ppbV		97
115) 1,2,4-trichlorobenzene	9.857	180	36088	1.002	ppbV		94
116) naphthalene	9.918	128	97529	1.102	ppbV	#	96
117) 1,2,3-trichlorobenzene	10.053	180	31907	1.013	ppbV		95
118) benzothiophene	9.947	134	178357	1.156	ppbV		100
119) hexachlorobutadiene	10.098	225	31315	1.100	ppbV	#	91
120) 2-methylnaphthalene	10.465	142	19334	0.508	ppbV		95
121) 1-methylnaphthalene	10.563	142	19517	0.512	ppbV		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221892.D
Acq On : 29 Nov 2023 11:44 PM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD1.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:07 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

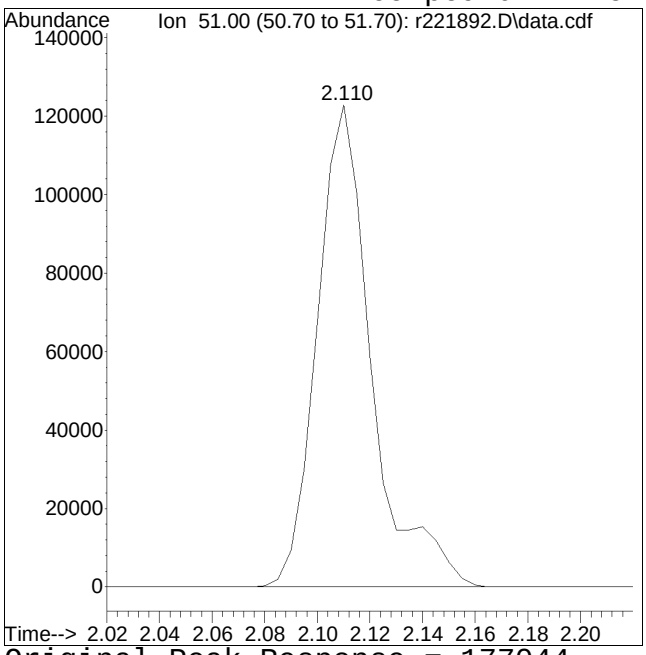


Manual Integration Report

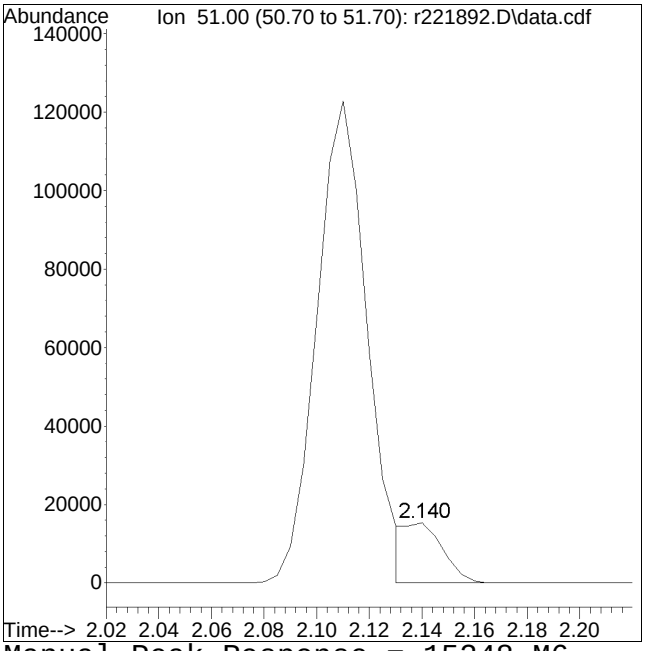
Data Path : O:\Forensics\Data\Airlab22Q
Data File : r221892.D
Date Inj'd : 11/29/2020 0:1: 4
Sample : ITO15-SIMSTD1.0

Method : TFS22_231129.M
Operator : AIRLAB22:RAY
Instrument :
Quant Date : 11/30/2023 12:37 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 177044



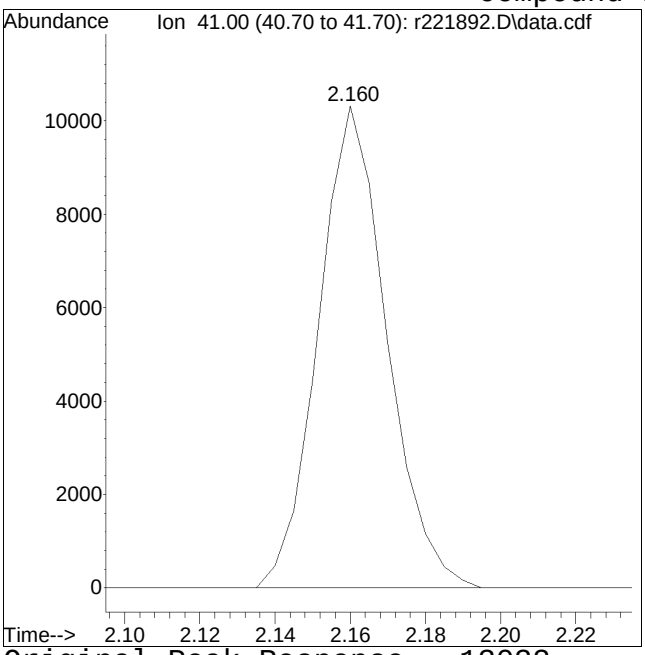
Manual Peak Response = 15248 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

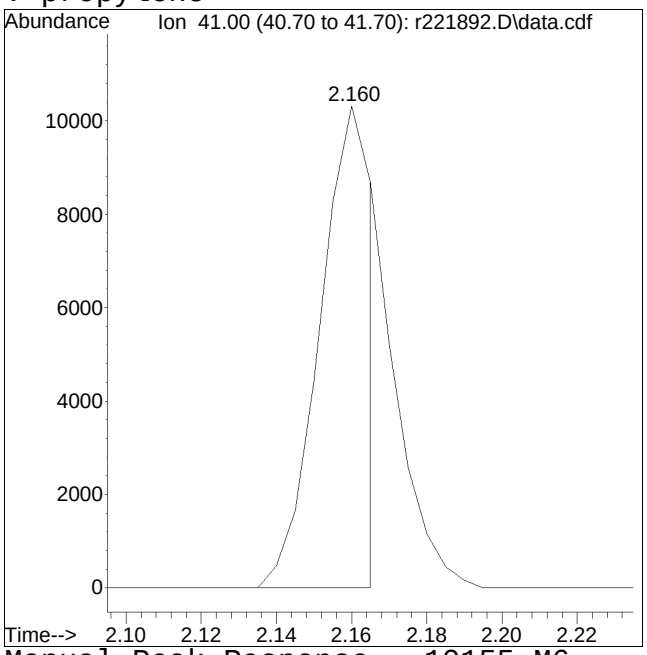
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221892.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:1: 4 Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 11/30/2023 12:37 pm

Compound #3: propylene



Original Peak Response = 13032



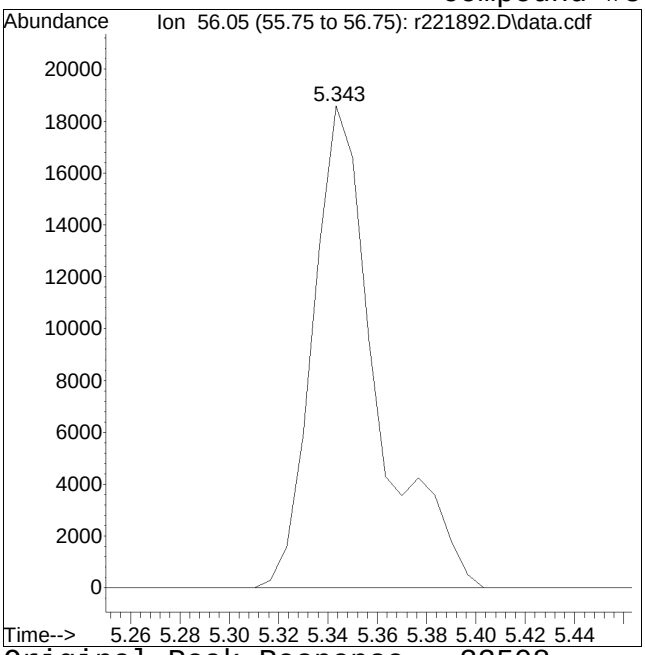
Manual Peak Response = 10155 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

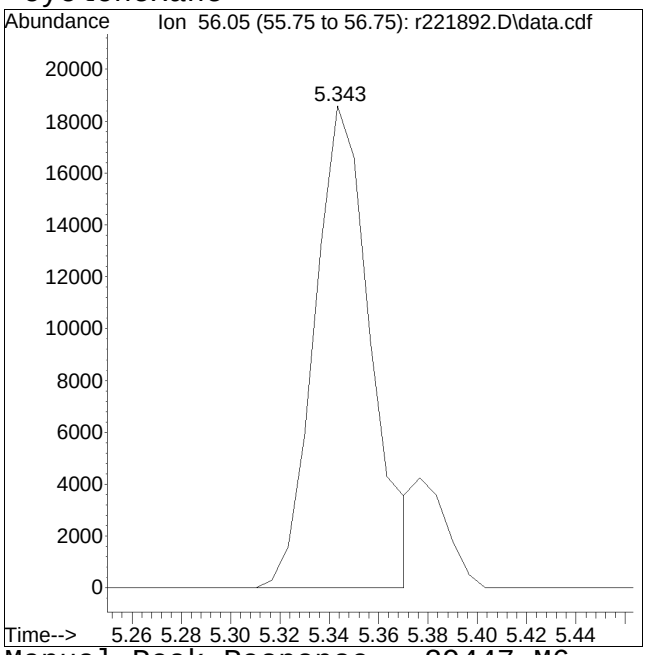
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221892.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:1: 4 Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 11/30/2023 12:37 pm

Compound #53: cyclohexane



Original Peak Response = 33508



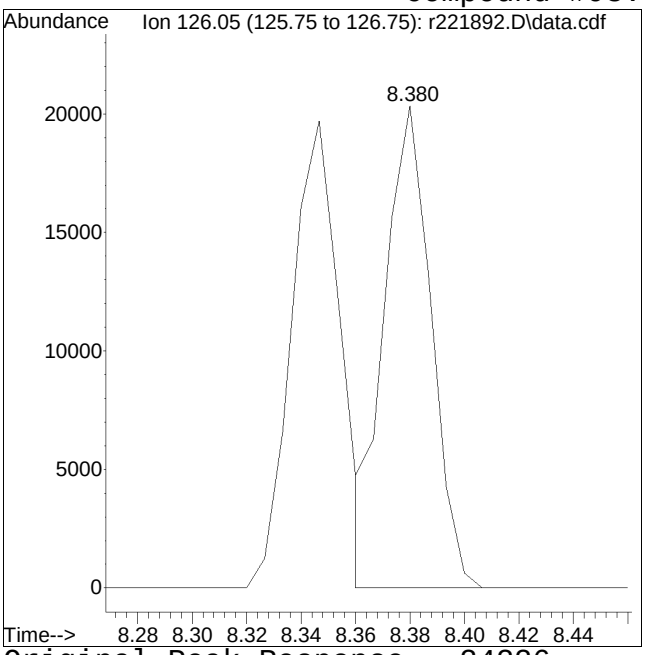
Manual Peak Response = 29447 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

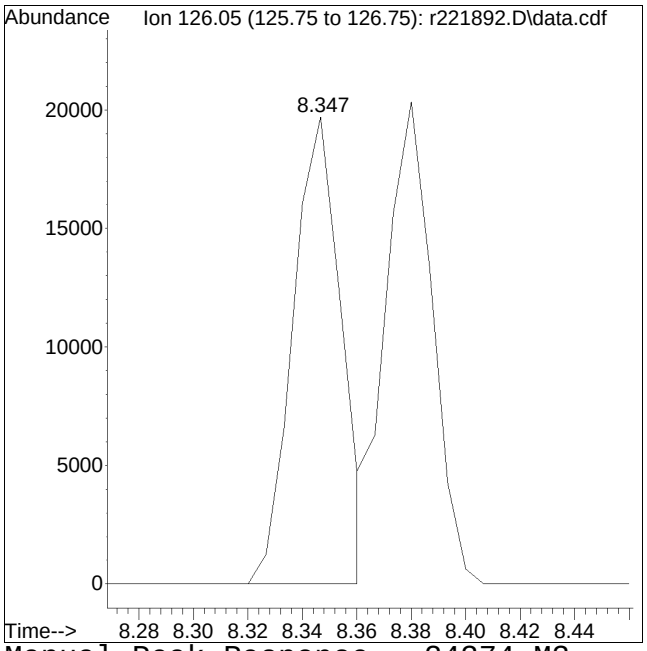
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221892.D Operator : AIRLAB22:RAY
Date Inj'd : 11/29/2020 0:1: 4 Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 11/30/2023 12:37 pm

Compound #93: 2-chlorotoluene



Original Peak Response = 24226



Manual Peak Response = 24374 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 : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221893.D
Acq On : 30 Nov 2023 12:16 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:16 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	188536	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 97.75%			
43) 1,4-difluorobenzene	5.377	114	660230	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 97.63%			
67) chlorobenzene-D5	7.347	54	69907	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 100.10%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	191425	11.101	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.01%			
69) toluene-D8	6.507	98	781917	10.010	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.10%			
90) bromofluorobenzene	8.047	95	466382	10.042	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.42%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.135	51	59439M6	4.010	ppbV	
3) propylene	2.155	41	49937M6	3.613	ppbV	
4) propane	2.170	29	39889	4.505	ppbV	95
5) dichlorodifluoromethane	2.200	85	82706	4.915	ppbV	99
6) chloromethane	2.305	50	40257	4.726	ppbV	99
7) Freon-114	2.360	85	117739	4.945	ppbV	97
8) methanol	2.390	31	84776	24.060	ppbV #	84
9) vinyl chloride	2.435	62	54400	4.442	ppbV	99
10) 1,3-butadiene	2.500	54	38920	4.491	ppbV #	79
11) butane	2.530	43	63292	3.839	ppbV	97
12) acetaldehyde	2.375	29	104841	22.449	ppbV	98
13) bromomethane	2.630	94	39244	4.804	ppbV	99
14) chloroethane	2.705	64	20494	4.034	ppbV	99
15) ethanol	2.745	31	86581	21.599	ppbV	90
16) dichlorofluoromethane	2.745	67	77235	4.634	ppbV	99
17) vinyl bromide	2.860	106	34796	4.499	ppbV	98
18) acrolein	2.908	56	16611	4.597	ppbV	97
19) acetone	2.968	43	150778	17.398	ppbV #	85
20) acetonitrile	2.848	41	28574	3.465	ppbV	93
21) trichlorofluoromethane	3.052	101	42259	4.260	ppbV	100
22) isopropyl alcohol	3.076	45	125631	9.173	ppbV	98
23) acrylonitrile	3.184	53	31838	4.531	ppbV	99
24) pentane	3.220	43	64293	3.627	ppbV #	93

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221893.D
Acq On : 30 Nov 2023 12:16 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:16 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	3.226	31	41155	4.248	ppbV	96
26) 1,1-dichloroethene	3.355	61	83150	4.643	ppbV	96
27) tertiary butyl alcohol	3.370	59	123646	5.064	ppbV	98
28) methylene chloride	3.410	49	75512	4.933	ppbV	92
29) 3-chloropropene	3.470	41	100975	4.337	ppbV	97
30) carbon disulfide	3.555	76	209565	4.882	ppbV	100
31) Freon 113	3.540	101	118298	4.914	ppbV	98
32) trans-1,2-dichloroethene	3.863	61	97462	4.568	ppbV	97
33) 1,1-dichloroethane	3.963	63	127274	4.760	ppbV	98
34) MTBE	3.990	73	181541	4.847	ppbV	96
35) vinyl acetate	4.030	43	131890	4.910	ppbV	98
36) 2-butanone	4.150	43	159291	5.032	ppbV	97
37) cis-1,2-dichloroethene	4.363	61	90896	4.637	ppbV	93
38) Ethyl Acetate	4.470	61	24558	4.693	ppbV	88
39) chloroform	4.510	83	113660	4.807	ppbV	99
40) Tetrahydrofuran	4.703	42	97459	4.371	ppbV	95
41) 2,2-dichloropropane	4.523	77	91510	5.153	ppbV	95
42) 1,2-dichloroethane	4.863	62	62698	4.686	ppbV	98
44) hexane	4.470	57	123758	4.881	ppbV	98
45) diisopropyl ether	4.463	87	77275	5.210	ppbV	85
46) tert-butyl ethyl ether	4.723	59	230657	5.178	ppbV	98
48) 1,1,1-trichloroethane	4.990	97	97982	5.856	ppbV	96
49) 1,1-dichloropropene	5.143	75	103105	5.346	ppbV	92
50) benzene	5.210	78	253861	5.140	ppbV	99
51) thiophene	0.000		0	N.D.	d	
52) carbon tetrachloride	5.283	117	89113	5.707	ppbV	100
53) cyclohexane	5.343	56	136233	4.769	ppbV	99
54) tert-amyl methyl ether	5.490	73	224121	5.619	ppbV	97
55) dibromomethane	5.583	93	64058	5.624	ppbV	97
56) 1,2-dichloropropane	5.597	63	85619	5.309	ppbV	98
57) bromodichloromethane	5.690	83	114832	5.486	ppbV	100
58) 1,4-dioxane	5.703	88	53350	4.985	ppbV	98
59) trichloroethene	5.710	130	105861	5.552	ppbV	98
60) 2,2,4-trimethylpentane	5.723	57	393179	5.087	ppbV	99
61) methyl methacrylate	5.797	41	85189	5.229	ppbV	91
62) heptane	5.843	43	154964	5.076	ppbV	97
63) cis-1,3-dichloropropene	6.100	75	125214	5.780	ppbV	91
64) 4-methyl-2-pentanone	6.120	43	179301	5.490	ppbV	97
65) trans-1,3-dichloropropene	6.340	75	99870	5.775	ppbV	93
66) 1,1,2-trichloroethane	6.420	97	91261	5.644	ppbV	93

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221893.D
Acq On : 30 Nov 2023 12:16 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:16 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	6.547	91	302110	5.104	ppbV	99
70)	2-methylthiophene	0.000		0	N.D.	d	
71)	1,3-dichloropropane	6.560	76	135312	5.471	ppbV	94
72)	2-hexanone	6.660	43	170710	5.060	ppbV	96
73)	3-methylthiophene	0.000		0	N.D.	d	
74)	dibromochloromethane	6.740	129	119301	5.497	ppbV	99
75)	1,2-dibromoethane	6.853	107	131092	5.387	ppbV	99
76)	butyl acetate	6.940	73	42490	5.672	ppbV	86
77)	octane	6.987	85	126788	5.161	ppbV	99
78)	tetrachloroethene	7.060	166	119169	5.072	ppbV	96
79)	1,1,1,2-tetrachloroethane	7.360	131	96426	5.556	ppbV	99
80)	chlorobenzene	7.367	112	238716	5.282	ppbV	98
81)	ethylbenzene	7.533	91	370253	5.195	ppbV	97
82)	2-ethylthiophene	0.000		0	N.D.	d	
83)	m+p-xylene	7.613	91	602120	10.810	ppbV	99
84)	bromoform	7.653	173	99815	5.413	ppbV	98
85)	styrene	7.780	104	258469	5.349	ppbV	99
86)	1,1,2,2-tetrachloroethane	7.827	83	201014	5.463	ppbV	100
87)	o-xylene	7.833	91	297231	5.493	ppbV	99
88)	1,2,3-trichloropropane	7.893	75	157857	5.645	ppbV	93
89)	nonane	7.927	43	230753	5.233	ppbV	97
91)	isopropylbenzene	8.107	105	397673	5.496	ppbV	97
92)	bromobenzene	8.160	77	214254	5.572	ppbV	87
93)	2-chlorotoluene	8.347	126	120940M3	5.296	ppbV	
94)	n-propylbenzene	8.360	120	144217	5.394	ppbV	84
95)	4-chlorotoluene	8.380	126	120398	5.443	ppbV	100
96)	4-ethyl toluene	8.433	105	429074	5.672	ppbV	97
97)	1,3,5-trimethylbenzene	8.467	105	355344	5.484	ppbV	96
98)	tert-butylbenzene	8.677	119	366424	5.501	ppbV	99
99)	1,2,4-trimethylbenzene	8.677	105	359689	5.914	ppbV	97
100)	decane	8.723	57	284210	5.316	ppbV	98
101)	Benzyl Chloride	8.750	91	200685	5.558	ppbV	99
102)	1,3-dichlorobenzene	8.763	146	257852	5.801	ppbV	96
103)	1,4-dichlorobenzene	8.797	146	247413	5.940	ppbV	97
104)	sec-butylbenzene	8.817	105	513121	5.748	ppbV	99
105)	1,2,3-trimethylbenzene	8.897	105	322088	5.841	ppbV	96
106)	p-isopropyltoluene	8.897	119	451530	5.698	ppbV	100
107)	1,2-dichlorobenzene	8.970	146	238100	5.741	ppbV	99
108)	n-butylbenzene	9.110	91	391394	5.735	ppbV	100
109)	indan	9.003	117	373109	5.551	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221893.D
Acq On : 30 Nov 2023 12:16 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:16 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

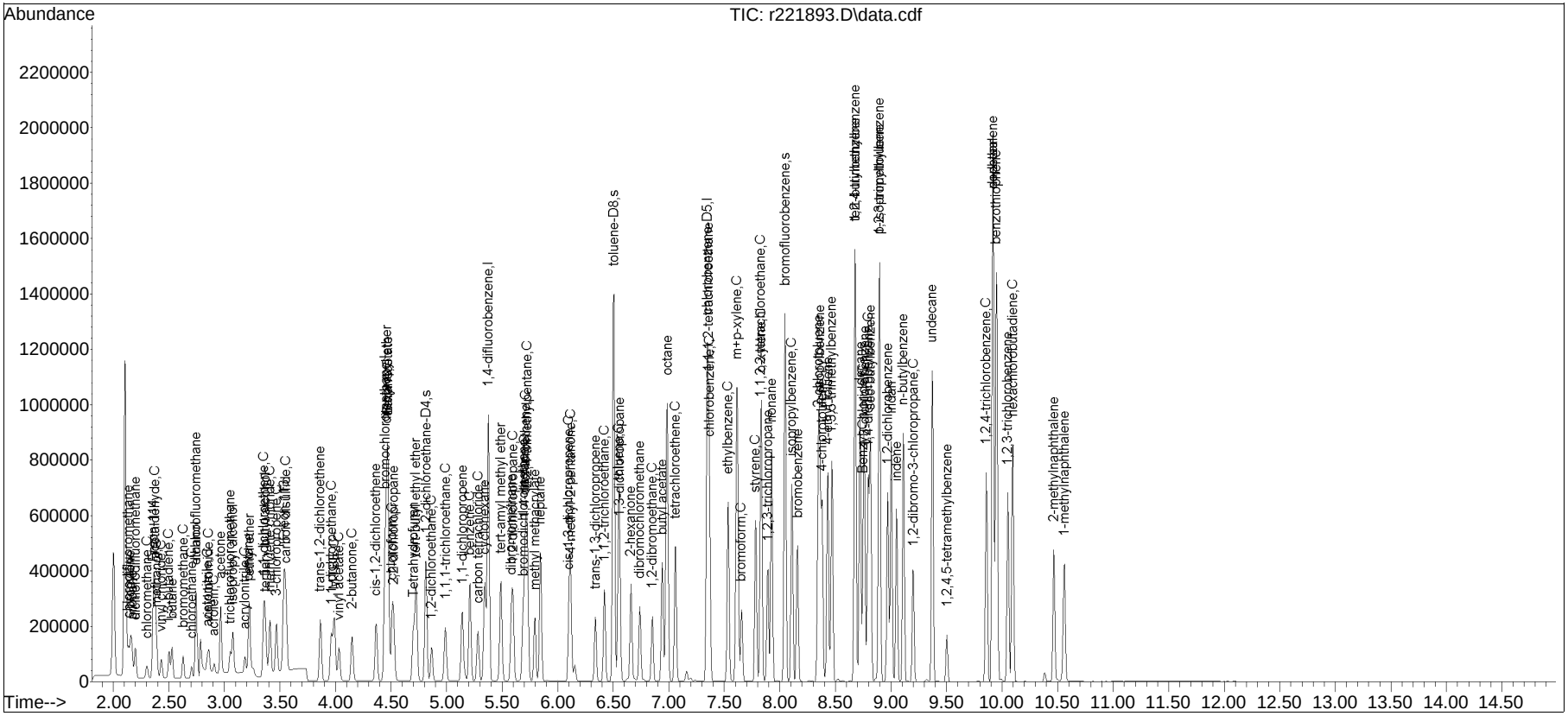
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	9.050	115	253253	5.470	ppbV	100
111) 1,2-dibromo-3-chloropr...	9.203	75	85530	6.234	ppbV	80
112) undecane	9.370	57	323276	5.576	ppbV	97
113) 1,2,4,5-tetramethylben...	9.503	119	69375	5.156	ppbV	100
114) dodecane	9.918	57	337597	6.091	ppbV	100
115) 1,2,4-trichlorobenzene	9.857	180	205635	5.723	ppbV	95
116) naphthalene	9.918	128	509653	5.769	ppbV	99
117) 1,2,3-trichlorobenzene	10.053	180	178473	5.678	ppbV	95
118) benzothiophene	9.947	134	1003501	6.516	ppbV	99
119) hexachlorobutadiene	10.098	225	157096	5.528	ppbV	96
120) 2-methylnaphthalene	10.465	142	201403	5.301	ppbV	96
121) 1-methylnaphthalene	10.563	142	196965	5.174	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221893.D
Acq On : 30 Nov 2023 12:16 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD5.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

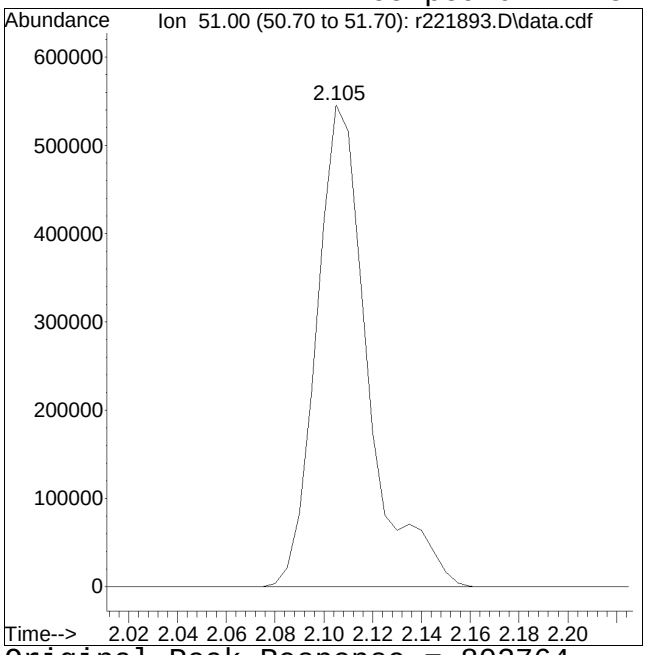
Quant Time: Nov 30 12:37:16 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



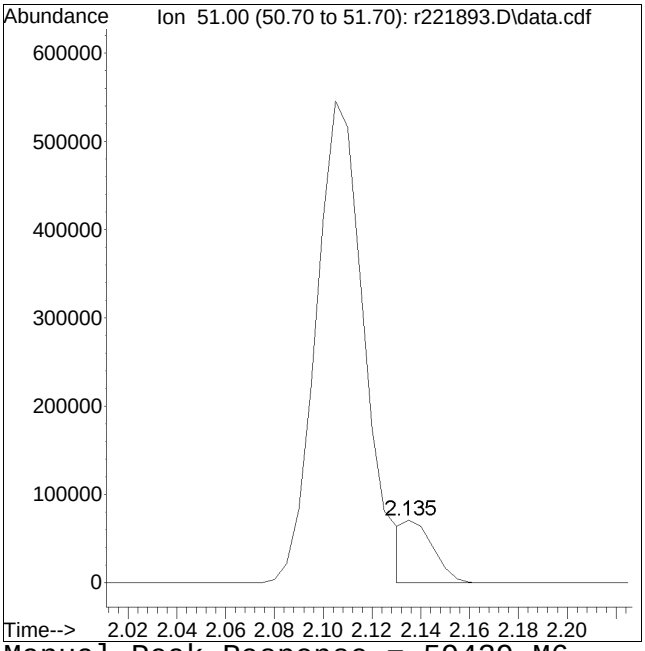
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221893.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 6 Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 11/30/2023 12:37 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 802764



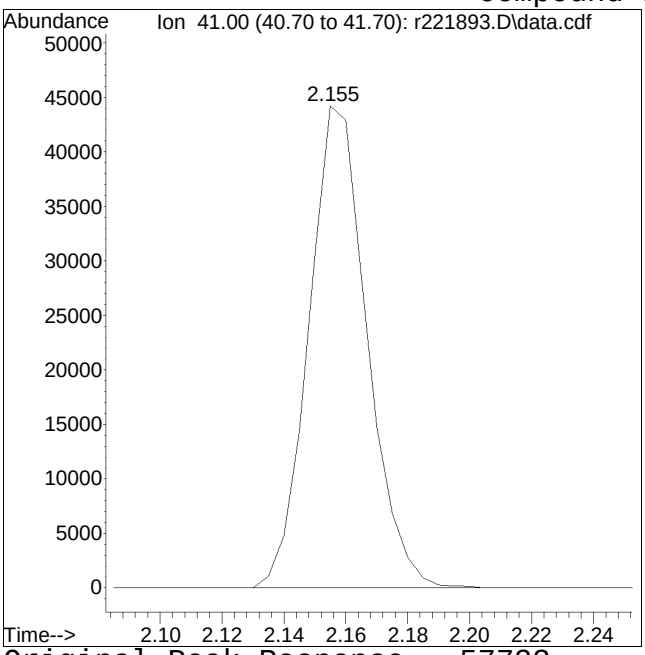
Manual Peak Response = 59439 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

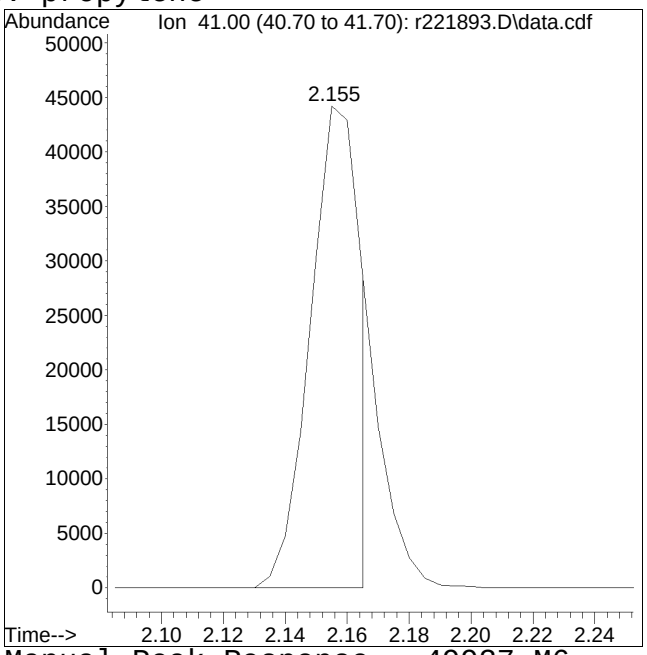
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221893.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 6 Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 11/30/2023 12:37 pm

Compound #3: propylene



Original Peak Response = 57733



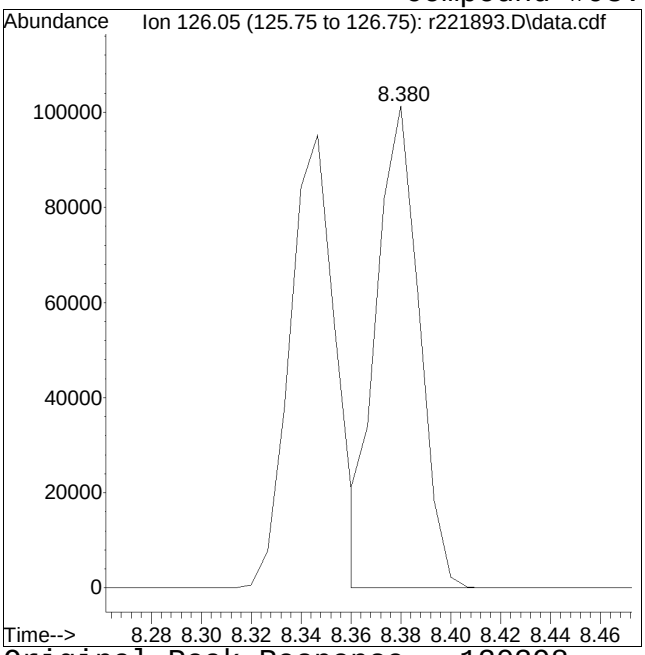
Manual Peak Response = 49937 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

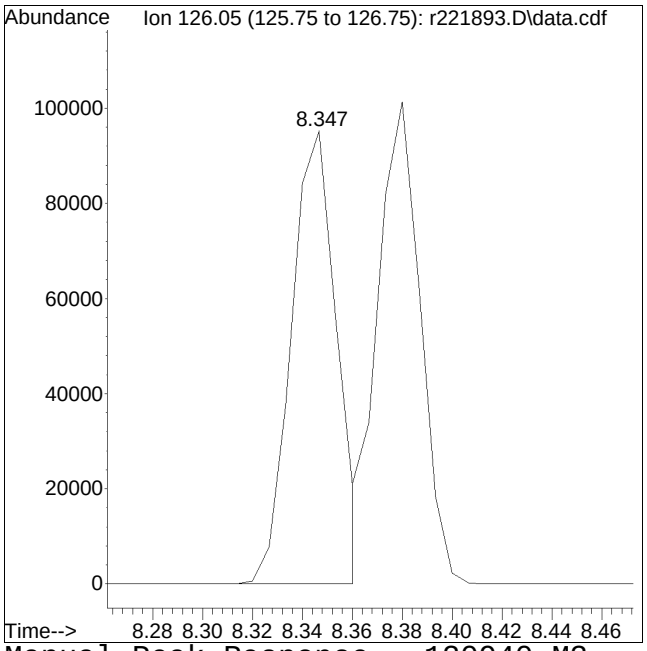
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221893.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 6 Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 11/30/2023 12:37 pm

Compound #93: 2-chlorotoluene



Original Peak Response = 120398



Manual Peak Response = 120940 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 : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221894.D
Acq On : 30 Nov 2023 12:49 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD010
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:30:08 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	192875	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 100.00%			
43) 1,4-difluorobenzene	5.377	114	676282	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 100.00%			
67) chlorobenzene-D5	7.347	54	69834	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	194933	11.036	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.36%			
69) toluene-D8	6.507	98	810388	10.386	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.86%			
90) bromofluorobenzene	8.047	95	481887	10.387	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.87%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.140	51	140417M6	9.259	ppbV	
3) propylene	2.160	41	96060M6	6.794	ppbV	
4) propane	2.170	29	77992	8.610	ppbV #	92
5) dichlorodifluoromethane	2.200	85	147522	8.570	ppbV	99
6) chloromethane	2.305	50	82571	9.476	ppbV	98
7) Freon-114	2.365	85	231641	9.510	ppbV	98
8) methanol	2.390	31	168686	46.798	ppbV	96
9) vinyl chloride	2.435	62	109501	8.740	ppbV	99
10) 1,3-butadiene	2.505	54	78746	8.881	ppbV #	80
11) butane	2.535	43	126924	7.526	ppbV	97
12) acetaldehyde	2.380	29	206955	43.318	ppbV	95
13) bromomethane	2.635	94	76820	9.193	ppbV	97
14) chloroethane	2.710	64	41443	7.974	ppbV	99
15) ethanol	2.750	31	162929	39.731	ppbV	90
16) dichlorofluoromethane	2.750	67	126062	7.393	ppbV	99
17) vinyl bromide	2.866	106	69048	8.727	ppbV	99
18) acrolein	2.911	56	33773	9.136	ppbV	97
19) acetone	2.971	43	299211	33.748	ppbV #	85
20) acetonitrile	2.851	41	57802	6.851	ppbV	98
21) trichlorofluoromethane	3.058	101	83638	8.242	ppbV	97
22) isopropyl alcohol	3.079	45	246854	17.620	ppbV	98
23) acrylonitrile	3.190	53	64509	8.974	ppbV	99
24) pentane	3.223	43	127135	7.011	ppbV #	93

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221894.D
Acq On : 30 Nov 2023 12:49 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD010
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:30:08 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	3.232	31	82747	8.348	ppbV	96
26) 1,1-dichloroethene	3.360	61	166538	9.090	ppbV	96
27) tertiary butyl alcohol	3.370	59	244000	9.768	ppbV	99
28) methylene chloride	3.415	49	152617	9.746	ppbV	92
29) 3-chloropropene	3.470	41	204643	8.591	ppbV	95
30) carbon disulfide	3.560	76	422394	9.619	ppbV	100
31) Freon 113	3.540	101	237205	9.632	ppbV	98
32) trans-1,2-dichloroethene	3.870	61	196950	9.023	ppbV	98
33) 1,1-dichloroethane	3.963	63	256666	9.383	ppbV	98
34) MTBE	3.990	73	368829	9.626	ppbV	96
35) vinyl acetate	4.037	43	278361	10.130	ppbV	98
36) 2-butanone	4.150	43	322113	9.946	ppbV	97
37) cis-1,2-dichloroethene	4.370	61	182800	9.115	ppbV	94
38) Ethyl Acetate	4.470	61	50562	9.445	ppbV	98
39) chloroform	4.510	83	228609	9.450	ppbV	99
40) Tetrahydrofuran	4.703	42	198920	8.720	ppbV	95
41) 2,2-dichloropropane	4.523	77	185891	10.231	ppbV	94
42) 1,2-dichloroethane	4.870	62	126182	9.218	ppbV	97
44) hexane	4.470	57	245406	9.449	ppbV	94
45) diisopropyl ether	4.463	87	157778	10.385	ppbV	90
46) tert-butyl ethyl ether	4.723	59	464116	10.171	ppbV	97
48) 1,1,1-trichloroethane	4.990	97	195462	11.404	ppbV	97
49) 1,1-dichloropropene	5.143	75	209353	10.598	ppbV	92
50) benzene	5.210	78	520486	10.289	ppbV	100
51) thiophene	0.000		0	N.D.	d	
52) carbon tetrachloride	5.283	117	177175	11.078	ppbV	99
53) cyclohexane	5.343	56	270612	9.248	ppbV	98
54) tert-amyl methyl ether	5.490	73	455214	11.142	ppbV	97
55) dibromomethane	5.583	93	126628	10.854	ppbV	97
56) 1,2-dichloropropane	5.597	63	173864	10.525	ppbV	98
57) bromodichloromethane	5.690	83	228250	10.646	ppbV	100
58) 1,4-dioxane	5.703	88	113425	10.346	ppbV	97
59) trichloroethene	5.710	130	212534	10.882	ppbV	98
60) 2,2,4-trimethylpentane	5.730	57	786254	9.931	ppbV	99
61) methyl methacrylate	5.797	41	175381	10.510	ppbV	89
62) heptane	5.843	43	310237	9.920	ppbV	97
63) cis-1,3-dichloropropene	6.107	75	255388	11.509	ppbV	94
64) 4-methyl-2-pentanone	6.113	43	356717	10.663	ppbV	97
65) trans-1,3-dichloropropene	6.340	75	204471	11.544	ppbV	92
66) 1,1,2-trichloroethane	6.420	97	186089	11.236	ppbV	92

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221894.D
Acq On : 30 Nov 2023 12:49 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD010
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:30:08 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	6.547	91	601602	10.175	ppbV	99
70) 2-methylthiophene	0.000		0	N.D.	d	
71) 1,3-dichloropropane	6.560	76	271906	11.006	ppbV	92
72) 2-hexanone	6.660	43	345973	10.265	ppbV	96
73) 3-methylthiophene	0.000		0	N.D.	d	
74) dibromochloromethane	6.740	129	235797	10.877	ppbV	100
75) 1,2-dibromoethane	6.853	107	262569	10.802	ppbV	99
76) butyl acetate	6.940	73	87982	11.757	ppbV	84
77) octane	6.987	85	248802	10.139	ppbV	98
78) tetrachloroethene	7.060	166	236393	10.072	ppbV	98
79) 1,1,1,2-tetrachloroethane	7.360	131	188685	10.882	ppbV	99
80) chlorobenzene	7.367	112	471863	10.453	ppbV	99
81) ethylbenzene	7.533	91	735292	10.328	ppbV	96
82) 2-ethylthiophene	0.000		0	N.D.	d	
83) m+p-xylene	7.613	91	1167395	20.981	ppbV	97
84) bromoform	7.653	173	197288	10.710	ppbV	98
85) styrene	7.780	104	521157	10.797	ppbV	99
86) 1,1,2,2-tetrachloroethane	7.827	83	391791	10.659	ppbV	99
87) o-xylene	7.833	91	571657	10.576	ppbV	96
88) 1,2,3-trichloropropane	7.893	75	316384	11.326	ppbV	93
89) nonane	7.927	43	451209	10.244	ppbV	98
91) isopropylbenzene	8.107	105	781440	10.811	ppbV	99
92) bromobenzene	8.160	77	423136	11.016	ppbV	91
93) 2-chlorotoluene	8.347	126	240064M3	10.524	ppbV	
94) n-propylbenzene	8.360	120	286808	10.738	ppbV	82
95) 4-chlorotoluene	8.380	126	240880	10.900	ppbV	100
96) 4-ethyl toluene	8.433	105	830898	10.995	ppbV	98
97) 1,3,5-trimethylbenzene	8.467	105	693252	10.710	ppbV	98
98) tert-butylbenzene	8.677	119	692470	10.407	ppbV	98
99) 1,2,4-trimethylbenzene	8.677	105	663260	10.917	ppbV	99
100) decane	8.723	57	554140	10.375	ppbV	99
101) Benzyl Chloride	8.750	91	415662	11.524	ppbV	99
102) 1,3-dichlorobenzene	8.763	146	492291	11.087	ppbV	97
103) 1,4-dichlorobenzene	8.797	146	481237	11.565	ppbV	99
104) sec-butylbenzene	8.817	105	992522	11.129	ppbV	100
105) 1,2,3-trimethylbenzene	8.897	105	590668	10.723	ppbV	98
106) p-isopropyltoluene	8.897	119	830121	10.486	ppbV	98
107) 1,2-dichlorobenzene	8.970	146	469634	11.336	ppbV	99
108) n-butylbenzene	9.110	91	747849	10.970	ppbV	99
109) indan	9.003	117	716318	10.669	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221894.D
Acq On : 30 Nov 2023 12:49 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD010
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:30:08 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

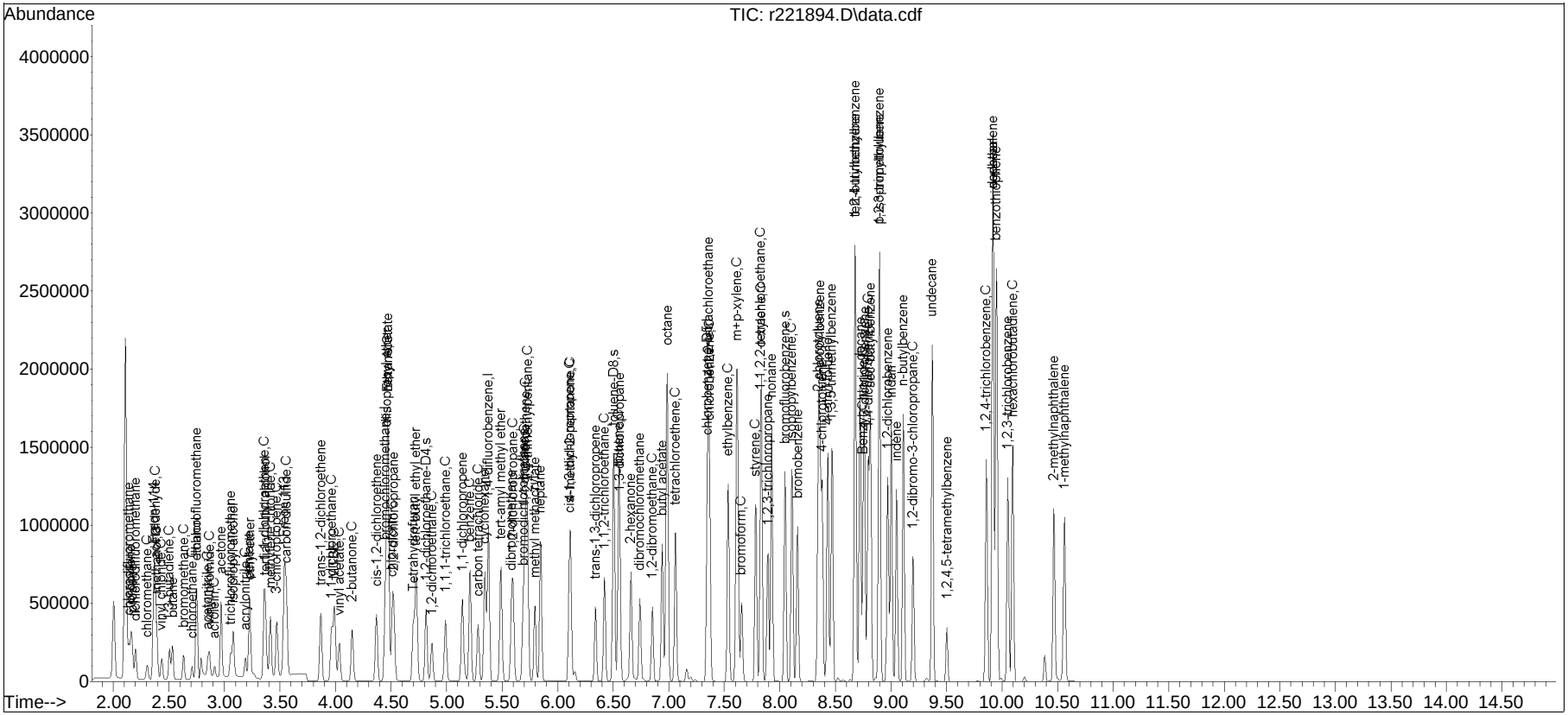
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	9.050	115	507437	10.972	ppbV	98
111) 1,2-dibromo-3-chloropr...	9.197	75	160344	11.698	ppbV	91
112) undecane	9.370	57	620048	10.706	ppbV	96
113) 1,2,4,5-tetramethylben...	9.503	119	144239	10.731	ppbV	99
114) dodecane	9.918	57	605114	10.930	ppbV	98
115) 1,2,4-trichlorobenzene	9.857	180	400929	11.170	ppbV	97
116) naphthalene	9.918	128	952596	10.794	ppbV	100
117) 1,2,3-trichlorobenzene	10.053	180	346557	11.038	ppbV	96
118) benzothiophene	9.947	134	1830297	11.897	ppbV	99
119) hexachlorobutadiene	10.098	225	284166	10.009	ppbV	99
120) 2-methylnaphthalene	10.465	142	483269	12.733	ppbV	97
121) 1-methylnaphthalene	10.563	142	465621	12.245	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221894.D
Acq On : 30 Nov 2023 12:49 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD010
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

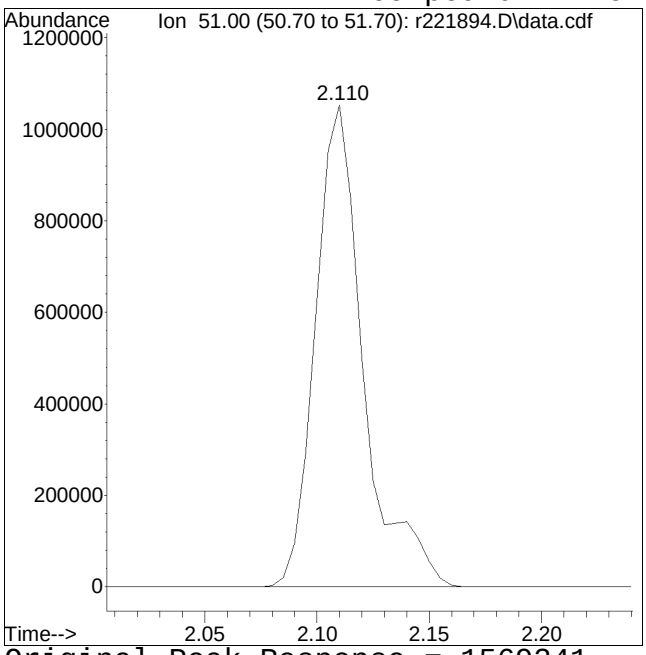
Quant Time: Nov 30 12:30:08 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



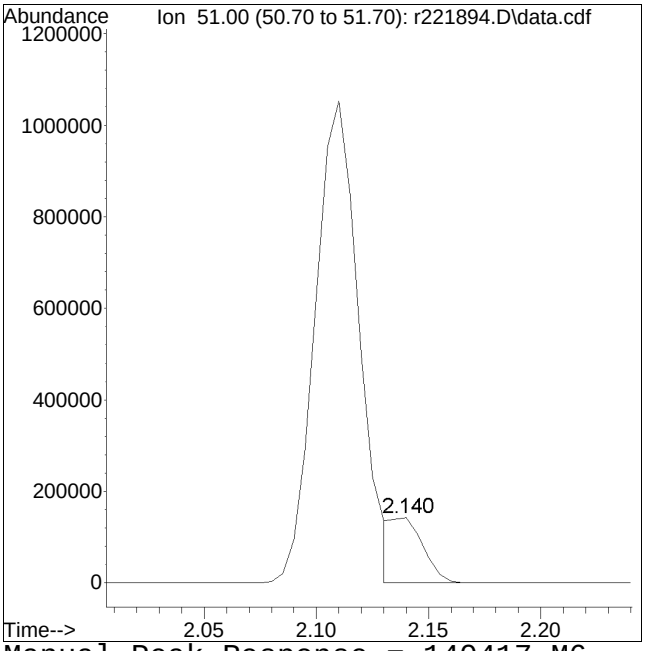
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221894.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 9 Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 11/30/2023 12:30 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 1569241



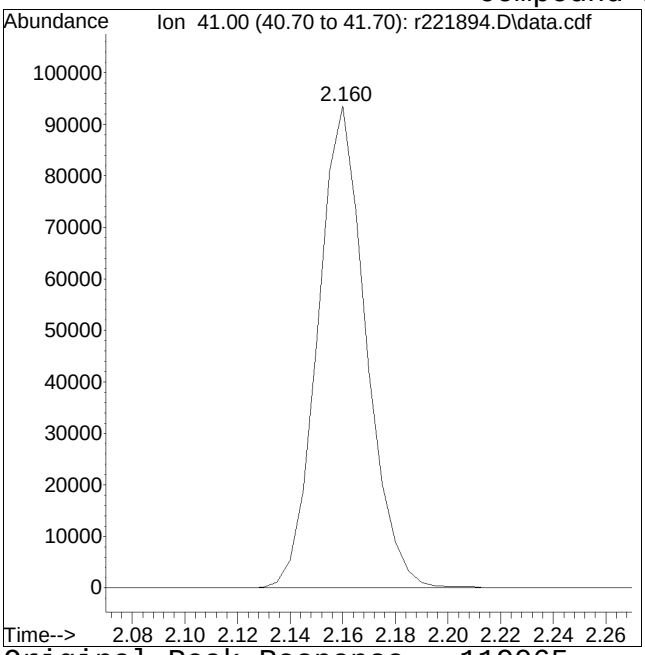
Manual Peak Response = 140417 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

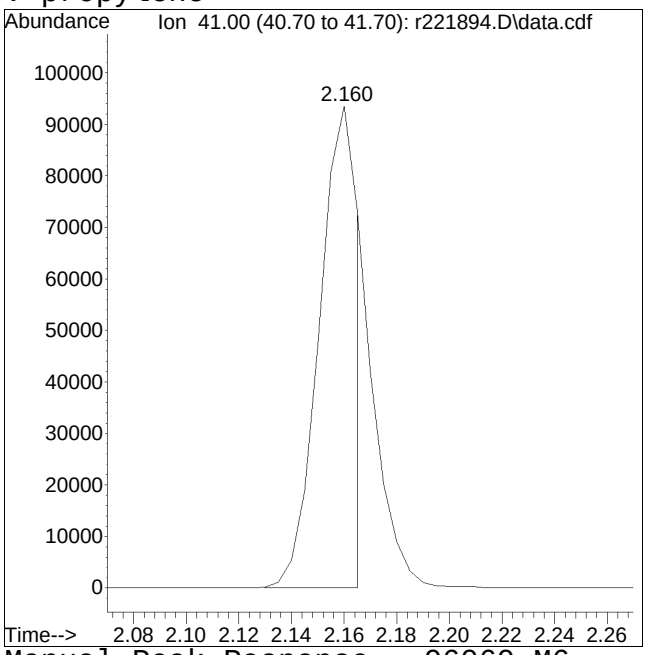
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221894.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 9 Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 11/30/2023 12:30 pm

Compound #3: propylene



Original Peak Response = 119065



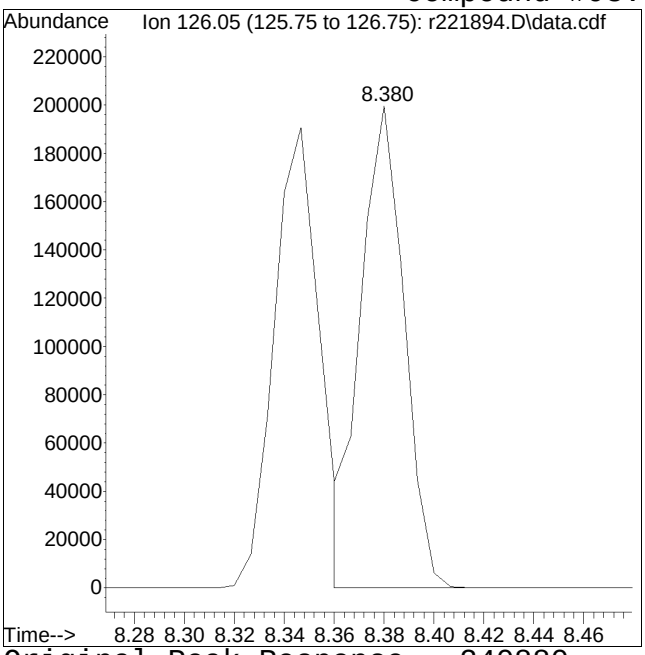
Manual Peak Response = 96060 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

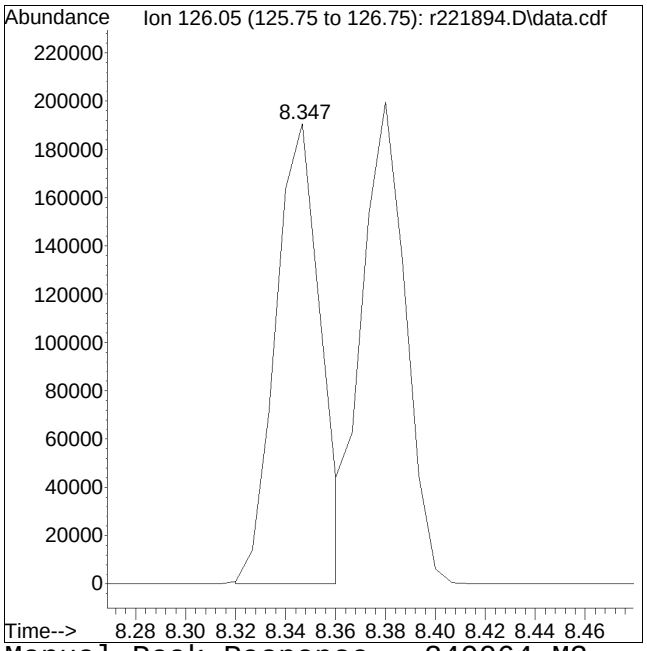
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221894.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 9 Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 11/30/2023 12:30 pm

Compound #93: 2-chlorotoluene



Original Peak Response = 240880



Manual Peak Response = 240064 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 : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221895.D
Acq On : 30 Nov 2023 1:19 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD020
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:24 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	199371	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 103.37%			
43) 1,4-difluorobenzene	5.377	114	706361	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 104.45%			
67) chlorobenzene-D5	7.347	54	68673	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 98.34%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	197026	10.679	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.79%			
69) toluene-D8	6.500	98	832124	10.845	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.45%			
90) bromofluorobenzene	8.047	95	483526	10.599	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.99%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.140	51	229339M6	14.630	ppbV	
3) propylene	2.160	41	217243M6	14.864	ppbV	
4) propane	2.175	29	151970	16.230	ppbV	94
5) dichlorodifluoromethane	2.200	85	303399	17.051	ppbV	99
6) chloromethane	2.305	50	167107	18.552	ppbV	99
7) Freon-114	2.365	85	424270	16.852	ppbV	98
8) methanol	2.390	31	328608	88.194	ppbV	95
9) vinyl chloride	2.435	62	209941	16.212	ppbV	99
10) 1,3-butadiene	2.505	54	157410	17.175	ppbV #	80
11) butane	2.530	43	247484	14.196	ppbV	97
12) acetaldehyde	2.380	29	390424	79.057	ppbV	97
13) bromomethane	2.630	94	147611	17.089	ppbV	98
14) chloroethane	2.710	64	81121	15.100	ppbV	99
15) ethanol	2.745	31	323983	76.431	ppbV	89
16) dichlorofluoromethane	2.745	67	244876	13.893	ppbV	98
17) vinyl bromide	2.863	106	138163	16.894	ppbV	99
18) acrolein	2.911	56	66551	17.417	ppbV #	94
19) acetone	2.968	43	593507	64.761	ppbV #	86
20) acetonitrile	2.848	41	115764	13.274	ppbV	99
21) trichlorofluoromethane	3.055	101	161235	15.371	ppbV	98
22) isopropyl alcohol	3.076	45	511087	35.291	ppbV	98
23) acrylonitrile	3.187	53	133235	17.931	ppbV	100
24) pentane	3.223	43	251530	13.418	ppbV #	93

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221895.D
Acq On : 30 Nov 2023 1:19 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD020
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:24 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	3.229	31	162560	15.866	ppbV		96
26) 1,1-dichloroethene	3.355	61	340334	17.972	ppbV		92
27) tertiary butyl alcohol	3.365	59	511224	19.800	ppbV		100
28) methylene chloride	3.415	49	306817	18.954	ppbV		92
29) 3-chloropropene	3.470	41	421697	17.127	ppbV		94
30) carbon disulfide	3.560	76	865329	19.063	ppbV		99
31) Freon 113	3.540	101	468302	18.397	ppbV		99
32) trans-1,2-dichloroethene	3.870	61	399512	17.706	ppbV		94
33) 1,1-dichloroethane	3.963	63	512146	18.112	ppbV		98
34) MTBE	3.990	73	753884	19.034	ppbV		96
35) vinyl acetate	4.030	43	595866	20.977	ppbV		99
36) 2-butanone	4.150	43	667694	19.946	ppbV		96
37) cis-1,2-dichloroethene	4.370	61	361111	17.419	ppbV		92
38) Ethyl Acetate	4.470	61	100787	18.214	ppbV		80
39) chloroform	4.510	83	443629	17.741	ppbV		99
40) Tetrahydrofuran	4.697	42	409227	17.354	ppbV		92
41) 2,2-dichloropropane	4.523	77	359978	19.167	ppbV		92
42) 1,2-dichloroethane	4.863	62	243483	17.208	ppbV		95
44) hexane	4.470	57	480252	17.704	ppbV		96
45) diisopropyl ether	4.463	87	302175	19.043	ppbV		95
46) tert-butyl ethyl ether	4.723	59	900664	18.897	ppbV		96
48) 1,1,1-trichloroethane	4.990	97	379504	21.199	ppbV		96
49) 1,1-dichloropropene	5.143	75	416131	20.168	ppbV		91
50) benzene	5.210	78	1033046	19.552	ppbV		100
51) thiophene	0.000		0	N.D.	d		
52) carbon tetrachloride	5.283	117	342052	20.477	ppbV		99
53) cyclohexane	5.343	56	545611	17.852	ppbV		97
54) tert-amyl methyl ether	5.483	73	904267	21.191	ppbV		96
55) dibromomethane	5.583	93	242960	19.938	ppbV		97
56) 1,2-dichloropropane	5.597	63	338732	19.632	ppbV		97
57) bromodichloromethane	5.690	83	445938	19.913	ppbV		100
58) 1,4-dioxane	5.697	88	234497	20.479	ppbV		93
59) trichloroethene	5.710	130	411819	20.189	ppbV		99
60) 2,2,4-trimethylpentane	5.723	57	1549103	18.734	ppbV	#	97
61) methyl methacrylate	5.790	41	348763	20.011	ppbV		86
62) heptane	5.843	43	621452	19.025	ppbV		98
63) cis-1,3-dichloropropene	6.100	75	502328	21.673	ppbV	#	89
64) 4-methyl-2-pentanone	6.113	43	686857	19.658	ppbV		98
65) trans-1,3-dichloropropene	6.340	75	411144	22.223	ppbV		92
66) 1,1,2-trichloroethane	6.420	97	370073	21.393	ppbV		91

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221895.D
Acq On : 30 Nov 2023 1:19 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD020
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:24 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	6.547	91	1138105	19.574	ppbV		99
70)	2-methylthiophene	0.000		0	N.D.	d		
71)	1,3-dichloropropane	6.560	76	513898	21.152	ppbV		91
72)	2-hexanone	6.653	43	679007	20.486	ppbV		97
73)	3-methylthiophene	0.000		0	N.D.	d		
74)	dibromochloromethane	6.740	129	456922	21.433	ppbV		98
75)	1,2-dibromoethane	6.853	107	512550	21.442	ppbV		99
76)	butyl acetate	6.940	73	174145	23.665	ppbV		80
77)	octane	6.987	85	470516	19.499	ppbV		94
78)	tetrachloroethene	7.060	166	445760	19.313	ppbV		96
79)	1,1,1,2-tetrachloroethane	7.353	131	347042	20.354	ppbV		99
80)	chlorobenzene	7.367	112	885218	19.941	ppbV		100
81)	ethylbenzene	7.533	91	1395497	19.932	ppbV		94
82)	2-ethylthiophene	0.000		0	N.D.	d		
83)	m+p-xylene	7.613	91	2102027	38.417	ppbV		95
84)	bromoform	7.653	173	376020	20.758	ppbV		99
85)	styrene	7.780	104	996709	20.999	ppbV		99
86)	1,1,2,2-tetrachloroethane	7.827	83	707972	19.586	ppbV		100
87)	o-xylene	7.833	91	1002402	18.858	ppbV		94
88)	1,2,3-trichloropropane	7.887	75	605862	22.056	ppbV	#	93
89)	nonane	7.927	43	828344	19.124	ppbV		100
91)	isopropylbenzene	8.107	105	1435163	20.192	ppbV		100
92)	bromobenzene	8.160	77	788286	20.869	ppbV		88
93)	2-chlorotoluene	8.347	126	456509M6	20.350	ppbV		
94)	n-propylbenzene	8.360	120	530026	20.180	ppbV		75
95)	4-chlorotoluene	8.380	126	456436	21.004	ppbV		92
96)	4-ethyl toluene	8.433	105	1509228	20.308	ppbV		100
97)	1,3,5-trimethylbenzene	8.467	105	1300783	20.436	ppbV		100
98)	tert-butylbenzene	8.677	119	1162983	17.774	ppbV		95
99)	1,2,4-trimethylbenzene	8.677	105	1114444	18.653	ppbV		99
100)	decane	8.723	57	1002406	19.085	ppbV		98
101)	Benzyl Chloride	8.750	91	829127	23.375	ppbV		96
102)	1,3-dichlorobenzene	8.763	146	879934	20.152	ppbV		98
103)	1,4-dichlorobenzene	8.797	146	844091	20.628	ppbV		99
104)	sec-butylbenzene	8.817	105	1771654	20.202	ppbV		98
105)	1,2,3-trimethylbenzene	8.897	105	1004574	18.545	ppbV		99
106)	p-isopropyltoluene	8.897	119	1366196	17.549	ppbV		94
107)	1,2-dichlorobenzene	8.970	146	842454	20.678	ppbV		98
108)	n-butylbenzene	9.110	91	1309434	19.533	ppbV		95
109)	indan	9.003	117	1288001	19.508	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221895.D
Acq On : 30 Nov 2023 1:19 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD020
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:24 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

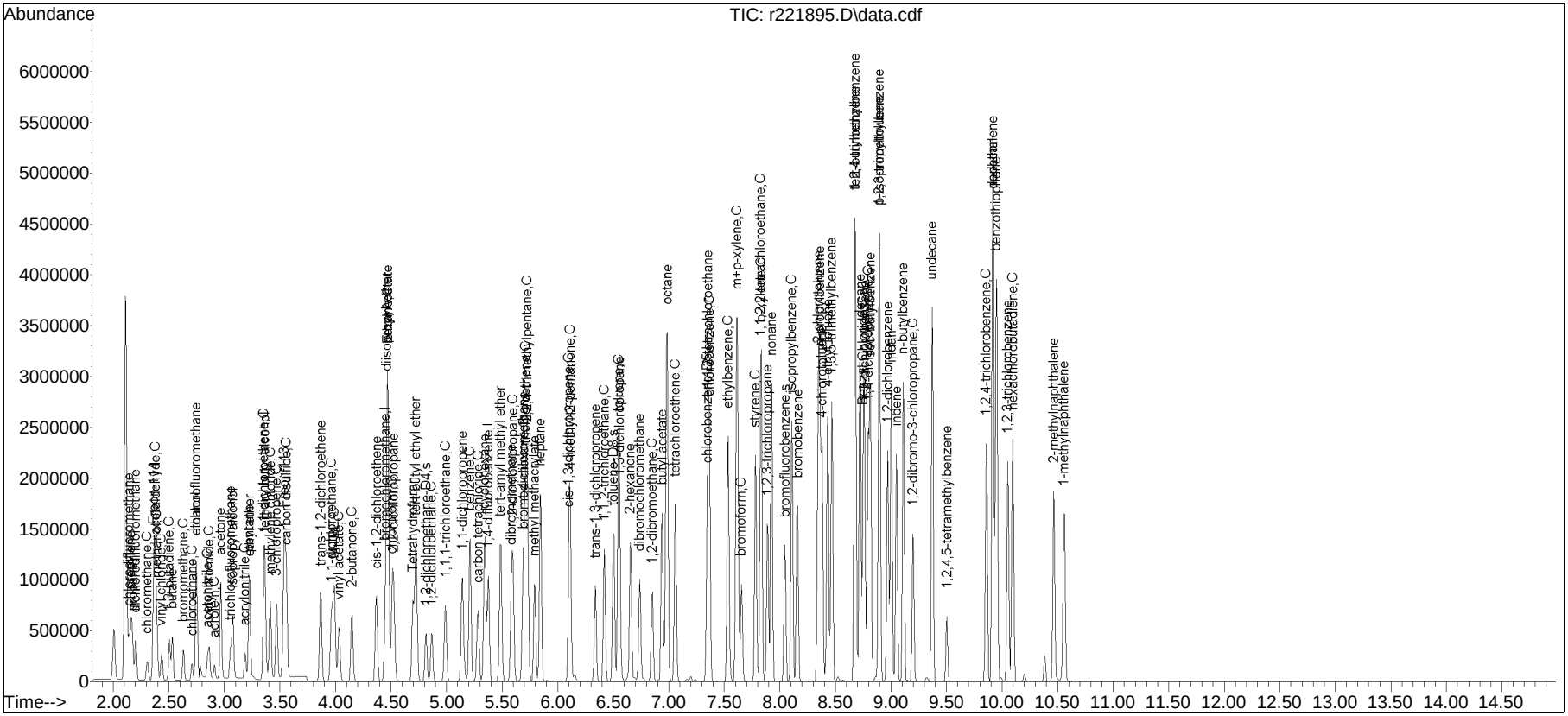
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	9.050	115	938275	20.630	ppbV	99
111) 1,2-dibromo-3-chloropr...	9.197	75	281140	20.858	ppbV	96
112) undecane	9.370	57	1078537	18.937	ppbV	95
113) 1,2,4,5-tetramethylben...	9.503	119	267540	20.241	ppbV	98
114) dodecane	9.918	57	945261	17.362	ppbV	97
115) 1,2,4-trichlorobenzene	9.857	180	671423	19.022	ppbV	97
116) naphthalene	9.918	128	1533540	17.670	ppbV	100
117) 1,2,3-trichlorobenzene	10.053	180	598531	19.385	ppbV	98
118) benzothiophene	9.947	134	2816316	18.616	ppbV	98
119) hexachlorobutadiene	10.098	225	449295	16.093	ppbV	98
120) 2-methylnaphthalene	10.465	142	810647	21.720	ppbV	96
121) 1-methylnaphthalene	10.555	142	807496	21.594	ppbV	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221895.D
Acq On : 30 Nov 2023 1:19 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD020
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

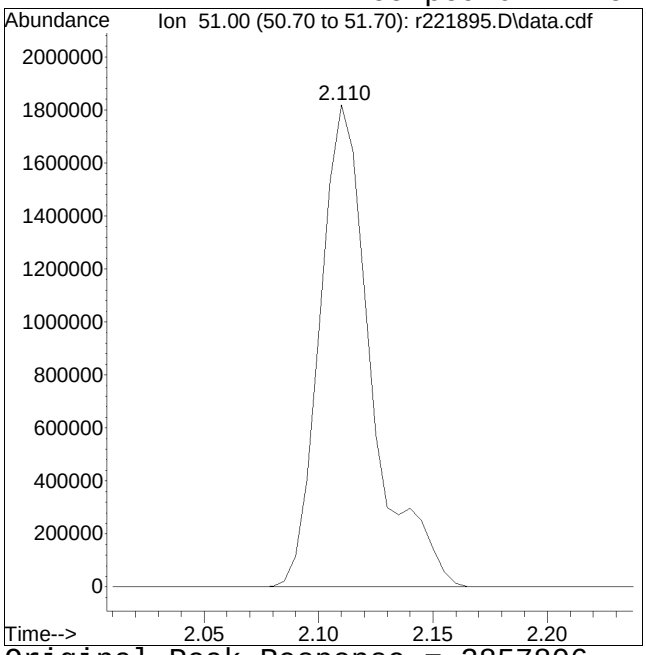
Quant Time: Nov 30 12:37:24 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



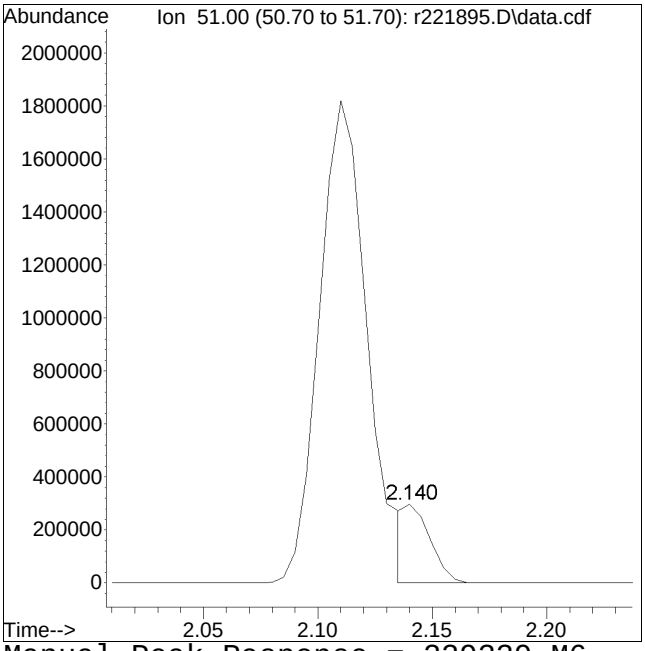
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221895.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:1: 9 Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 11/30/2023 12:37 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 2857806



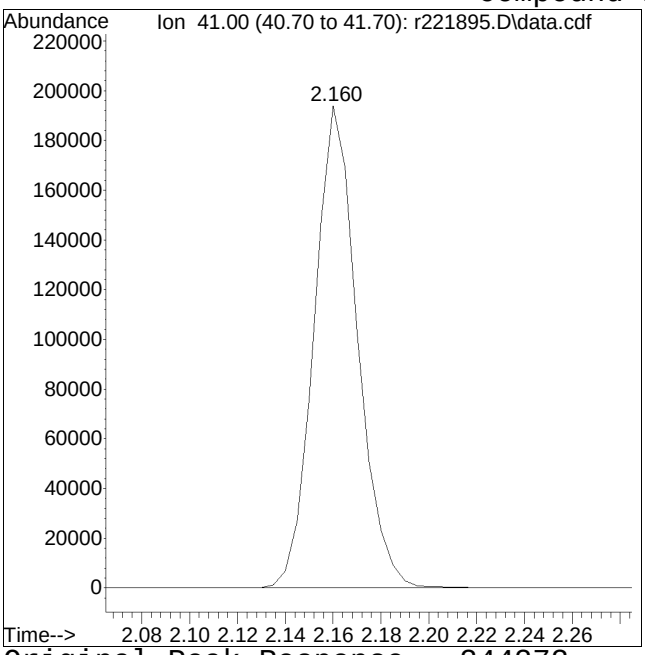
Manual Peak Response = 229339 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

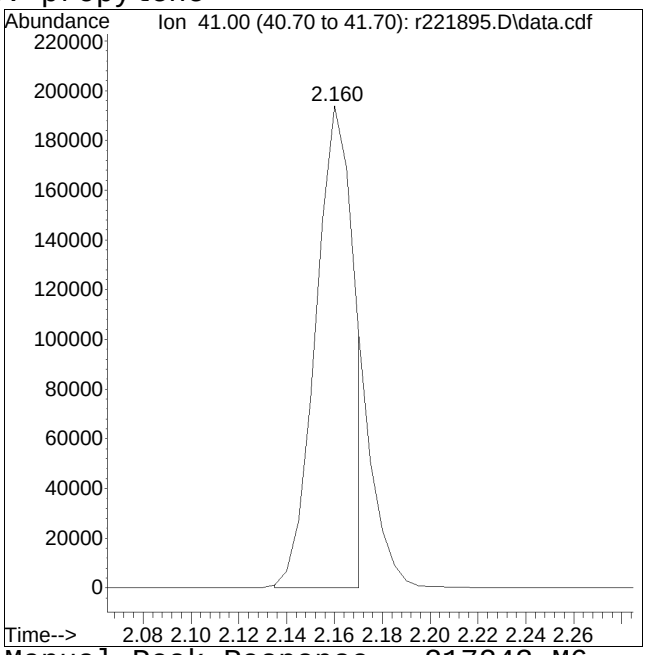
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221895.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:1: 9 Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 11/30/2023 12:37 pm

Compound #3: propylene



Original Peak Response = 244272



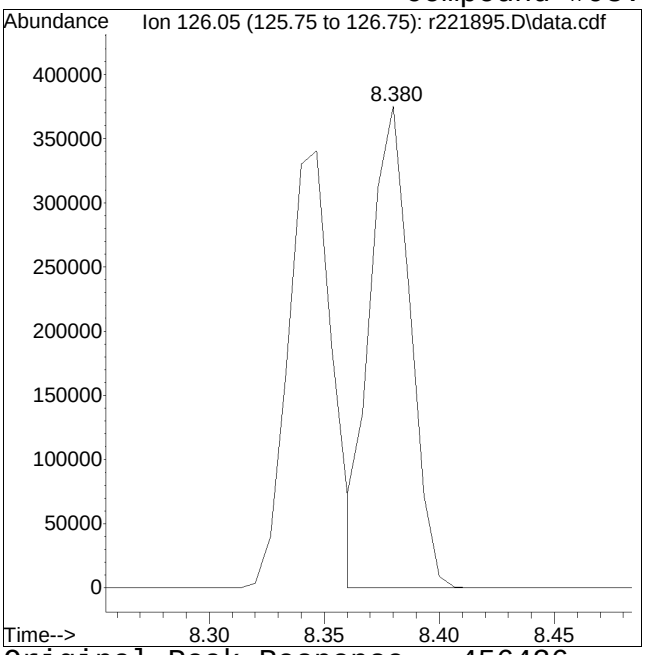
Manual Peak Response = 217243 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

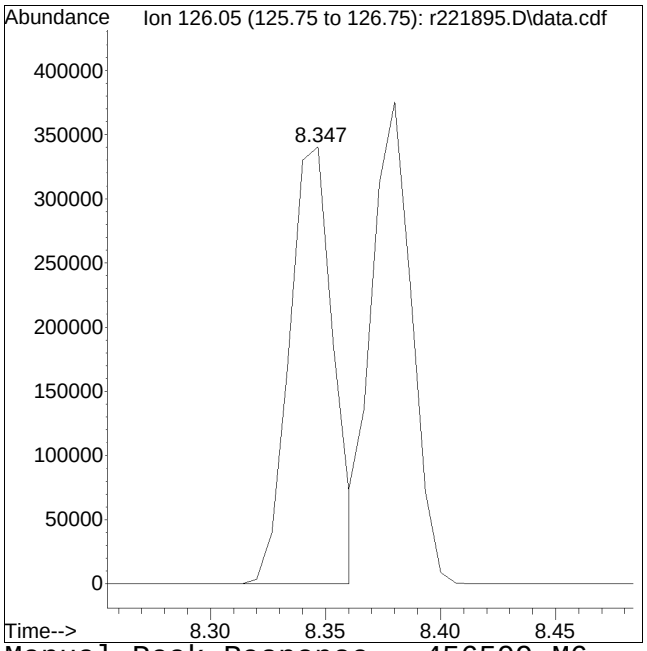
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221895.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:1: 9 Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 11/30/2023 12:37 pm

Compound #93: 2-chlorotoluene



Original Peak Response = 456436



Manual Peak Response = 456509 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221896.D
Acq On : 30 Nov 2023 1:51 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD050
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:33 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	193896	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 100.53%			
43) 1,4-difluorobenzene	5.377	114	715415	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 105.79%			
67) chlorobenzene-D5	7.347	54	61259	10.000	ppbV	# 0.00
Standard Area = 69834			Recovery = 87.72%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	179428	9.602	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.02%			
69) toluene-D8	6.507	98	824466	12.045	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.45%			
90) bromofluorobenzene	8.047	95	478669	11.762	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.62%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.135	51	564993M6	37.059	ppbV	
3) propylene	2.155	41	513345M6	36.116	ppbV	
4) propane	2.170	29	353667	38.836	ppbV	97
5) dichlorodifluoromethane	2.200	85	651117	37.626	ppbV	100
6) chloromethane	2.300	50	400829	45.756	ppbV	99
7) Freon-114	2.360	85	879179	35.906	ppbV	97
8) methanol	2.390	31	748863	206.661	ppbV #	85
9) vinyl chloride	2.435	62	480959	38.188	ppbV	99
10) 1,3-butadiene	2.505	54	361311	40.535	ppbV	82
11) butane	2.530	43	567843	33.493	ppbV	97
12) acetaldehyde	2.375	29	856248	178.277	ppbV	98
13) bromomethane	2.630	94	315643	37.573	ppbV	98
14) chloroethane	2.710	64	184327	35.280	ppbV	99
15) ethanol	2.745	31	689121	167.162	ppbV	86
16) dichlorofluoromethane	2.750	67	484132	28.243	ppbV	98
17) vinyl bromide	2.866	106	296069	37.223	ppbV	99
18) acrolein	2.911	56	156021	41.984	ppbV #	93
19) acetone	2.968	43	1332563	149.510	ppbV	89
20) acetonitrile	2.851	41	270987	31.951	ppbV	97
21) trichlorofluoromethane	3.058	101	355779	34.876	ppbV	98
22) isopropyl alcohol	3.079	45	1137795	80.784	ppbV	98
23) acrylonitrile	3.187	53	297421	41.159	ppbV	99
24) pentane	3.223	43	558813	30.653	ppbV #	94

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221896.D
Acq On : 30 Nov 2023 1:51 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD050
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:33 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	3.229	31	362223	36.352	ppbV		94
26) 1,1-dichloroethene	3.360	61	645663	35.057	ppbV	#	85
27) tertiary butyl alcohol	3.365	59	1065385	42.427	ppbV		98
28) methylene chloride	3.415	49	711580	45.200	ppbV		94
29) 3-chloropropene	3.470	41	980349	40.941	ppbV	#	90
30) carbon disulfide	3.560	76	1911797	43.307	ppbV		97
31) Freon 113	3.540	101	998383	40.328	ppbV		97
32) trans-1,2-dichloroethene	3.870	61	876530	39.944	ppbV		89
33) 1,1-dichloroethane	3.963	63	1147118	41.713	ppbV		97
34) MTBE	3.990	73	1674120	43.462	ppbV		96
35) vinyl acetate	4.030	43	1430514	51.783	ppbV		98
36) 2-butanone	4.150	43	1533015	47.088	ppbV		93
37) cis-1,2-dichloroethene	4.370	61	796742	39.518	ppbV		85
38) Ethyl Acetate	4.470	61	210952	39.199	ppbV		60
39) chloroform	4.510	83	927370	38.134	ppbV		99
40) Tetrahydrofuran	4.697	42	934879	40.765	ppbV		88
41) 2,2-dichloropropane	4.523	77	741677	40.606	ppbV	#	89
42) 1,2-dichloroethane	4.870	62	500159	36.346	ppbV	#	88
44) hexane	4.477	57	982602	35.763	ppbV	#	68
45) diisopropyl ether	4.463	87	638159	39.708	ppbV		94
46) tert-butyl ethyl ether	4.723	59	1918977	39.753	ppbV		93
48) 1,1,1-trichloroethane	4.990	97	783323	43.203	ppbV		96
49) 1,1-dichloropropene	5.143	75	916376	43.851	ppbV	#	91
50) benzene	5.210	78	2327516	43.494	ppbV		99
51) thiophene	0.000		0	N.D.	d		
52) carbon tetrachloride	5.283	117	693055	40.964	ppbV		100
53) cyclohexane	5.343	56	1231162	39.773	ppbV		95
54) tert-amyl methyl ether	5.483	73	1989583	46.035	ppbV		94
55) dibromomethane	5.583	93	489044	39.625	ppbV		99
56) 1,2-dichloropropane	5.597	63	718820	41.134	ppbV	#	97
57) bromodichloromethane	5.690	83	888669	39.181	ppbV		99
58) 1,4-dioxane	5.697	88	491113	42.348	ppbV		91
59) trichloroethene	5.710	130	825408	39.952	ppbV		100
60) 2,2,4-trimethylpentane	5.730	57	3172922	37.885	ppbV		96
61) methyl methacrylate	5.797	41	776901	44.011	ppbV	#	80
62) heptane	5.843	43	1299458	39.278	ppbV	#	96
63) cis-1,3-dichloropropene	6.100	75	1059398	45.129	ppbV	#	88
64) 4-methyl-2-pentanone	6.113	43	1403563	39.661	ppbV	#	96
65) trans-1,3-dichloropropene	6.340	75	903820	48.235	ppbV	#	91
66) 1,1,2-trichloroethane	6.420	97	805135	45.955	ppbV	#	90

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221896.D
Acq On : 30 Nov 2023 1:51 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD050
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:33 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	6.547	91	2286808	44.091	ppbV		99
70) 2-methylthiophene	0.000		0	N.D.	d		
71) 1,3-dichloropropane	6.560	76	1046517	48.288	ppbV		87
72) 2-hexanone	6.653	43	1440263	48.713	ppbV	#	97
73) 3-methylthiophene	0.000		0	N.D.	d		
74) dibromochloromethane	6.740	129	916563	48.197	ppbV		99
75) 1,2-dibromoethane	6.853	107	1057803	49.607	ppbV		96
76) butyl acetate	6.940	73	395922	60.314	ppbV		69
77) octane	6.987	85	910645	42.305	ppbV		89
78) tetrachloroethene	7.060	166	872970	42.401	ppbV		97
79) 1,1,1,2-tetrachloroethane	7.353	131	650223	42.751	ppbV		99
80) chlorobenzene	7.367	112	1704380	43.040	ppbV		99
81) ethylbenzene	7.533	91	2761807	44.221	ppbV		91
82) 2-ethylthiophene	0.000		0	N.D.	d		
83) m+p-xylene	7.613	91	3877986	79.453	ppbV		89
84) bromoform	7.653	173	715963	44.309	ppbV		99
85) styrene	7.780	104	2032391	48.001	ppbV		97
86) 1,1,2,2-tetrachloroethane	7.827	83	1335060	41.405	ppbV		100
87) o-xylene	7.833	91	1787143	37.691	ppbV		88
88) 1,2,3-trichloropropane	7.887	75	1258613	51.364	ppbV	#	93
89) nonane	7.927	43	1584352	41.006	ppbV		95
91) isopropylbenzene	8.107	105	2789453	43.995	ppbV		96
92) bromobenzene	8.160	77	1533566	45.512	ppbV		93
93) 2-chlorotoluene	8.347	126	888940	44.424	ppbV		76
94) n-propylbenzene	8.360	120	1000248	42.692	ppbV		68
95) 4-chlorotoluene	8.380	126	933233	48.142	ppbV		82
96) 4-ethyl toluene	8.433	105	3057301	46.117	ppbV		98
97) 1,3,5-trimethylbenzene	8.467	105	2275084	40.069	ppbV		97
98) tert-butylbenzene	8.677	119	1995619	34.191	ppbV		92
99) 1,2,4-trimethylbenzene	8.683	105	1907185	35.785	ppbV		90
100) decane	8.723	57	1914437	40.861	ppbV		96
101) Benzyl Chloride	8.750	91	1672751	52.867	ppbV		93
102) 1,3-dichlorobenzene	8.763	146	1591002	40.846	ppbV		99
103) 1,4-dichlorobenzene	8.797	146	1583374	43.378	ppbV		99
104) sec-butylbenzene	8.817	105	3252112	41.571	ppbV		95
105) 1,2,3-trimethylbenzene	8.897	105	1730528	35.812	ppbV		98
106) p-isopropyltoluene	8.897	119	2365830	34.068	ppbV		92
107) 1,2-dichlorobenzene	8.970	146	1602364	44.091	ppbV		97
108) n-butylbenzene	9.110	91	2458854	41.117	ppbV		92
109) indan	9.003	117	2383957	40.477	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221896.D
Acq On : 30 Nov 2023 1:51 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD050
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:33 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

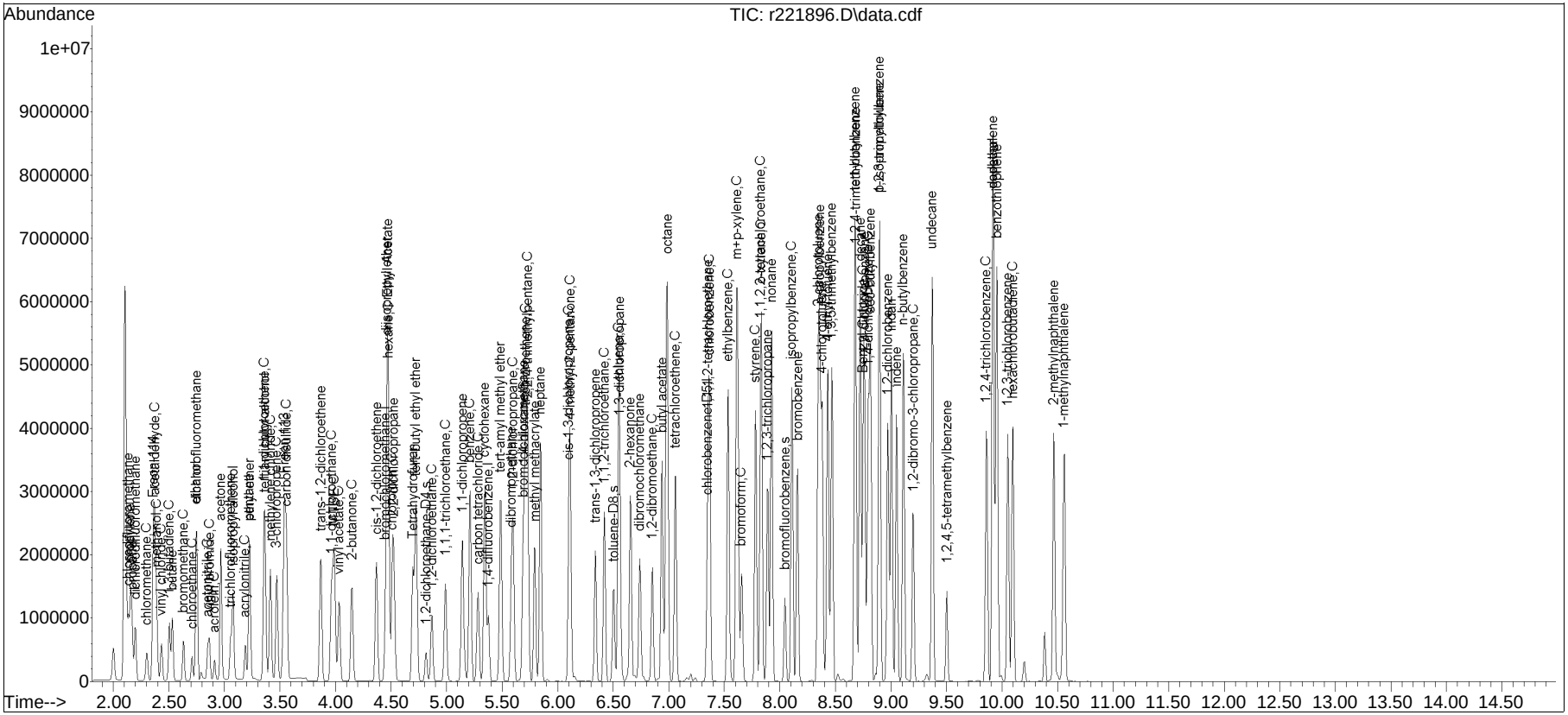
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	9.050	115	1827405	45.042	ppbV	99
111) 1,2-dibromo-3-chloropr...	9.203	75	533190	44.346	ppbV	93
112) undecane	9.370	57	2004888	39.463	ppbV	94
113) 1,2,4,5-tetramethylben...	9.503	119	603838	51.212	ppbV	94
114) dodecane	9.918	57	1580032	32.534	ppbV	97
115) 1,2,4-trichlorobenzene	9.857	180	1203435	38.220	ppbV	98
116) naphthalene	9.918	128	2612588	33.747	ppbV	98
117) 1,2,3-trichlorobenzene	10.053	180	1117523	40.575	ppbV	98
118) benzothiophene	9.955	134	4557516	33.771	ppbV	98
119) hexachlorobutadiene	10.098	225	749646	30.101	ppbV	96
120) 2-methylnaphthalene	10.465	142	1759475	52.848	ppbV	94
121) 1-methylnaphthalene	10.555	142	1799273	53.940	ppbV	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221896.D
Acq On : 30 Nov 2023 1:51 AM
Operator : AIRLAB22:RAY
Sample : ITO15-SIMSTD050
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

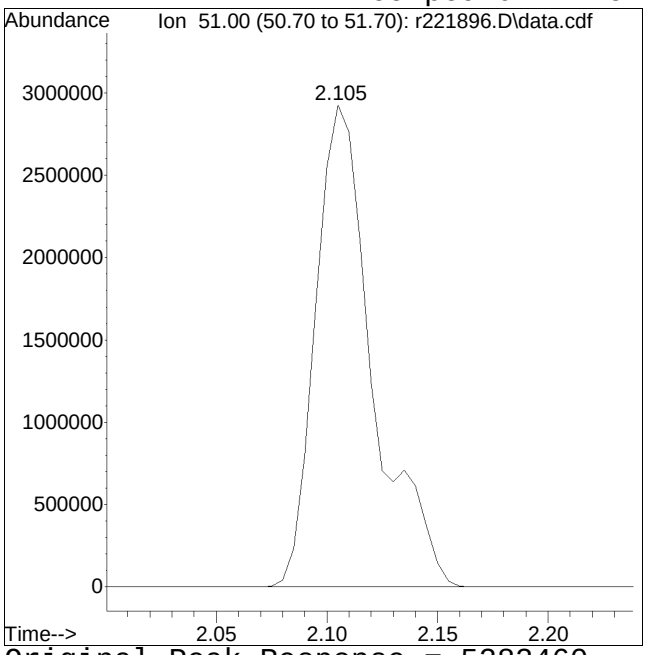
Quant Time: Nov 30 12:37:33 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



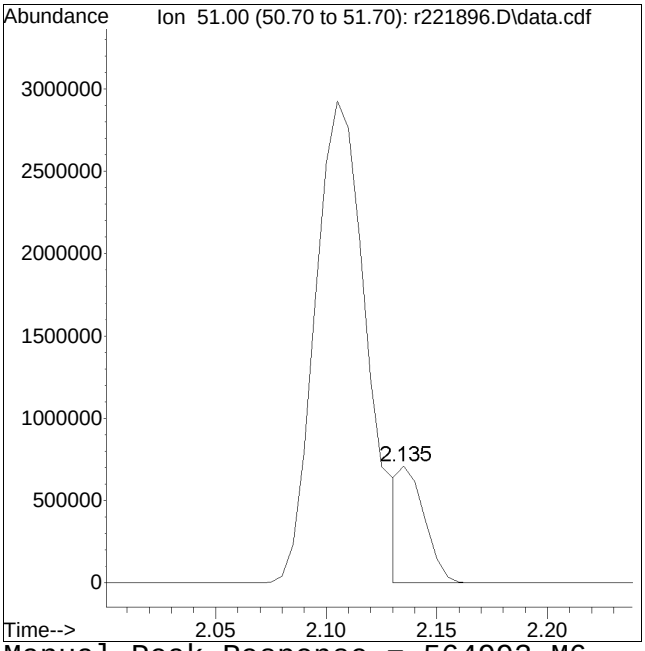
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221896.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:1: 1 Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 11/30/2023 12:37 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 5282460



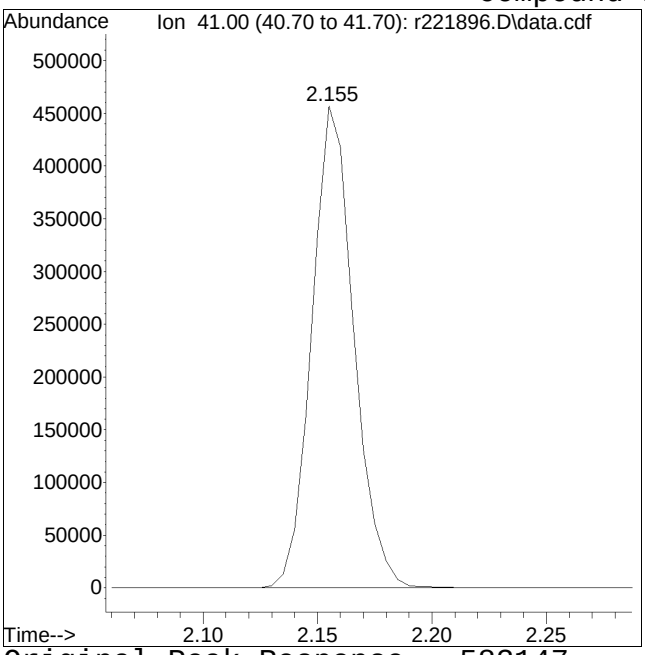
Manual Peak Response = 564993 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

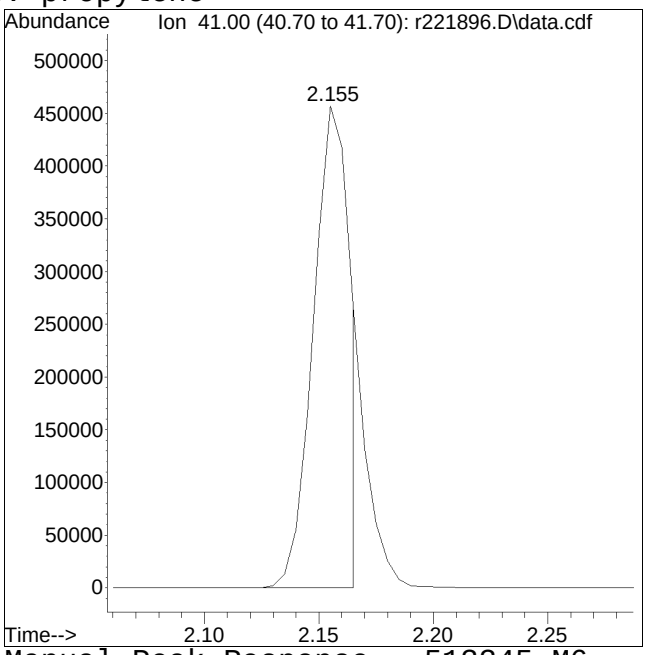
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221896.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:1: 1 Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 11/30/2023 12:37 pm

Compound #3: propylene



Original Peak Response = 583147



Manual Peak Response = 513345 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221897.D
Acq On : 30 Nov 2023 2:24 AM
Operator : AIRLAB22:RAY
Sample : ITO15-LLSTD100
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:41 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	178654	10.000	ppbV	0.01
Standard Area = 192875			Recovery = 92.63%			
43) 1,4-difluorobenzene	5.377	114	680450	10.000	ppbV	0.01
Standard Area = 676282			Recovery = 100.62%			
67) chlorobenzene-D5	7.347	54	53634	10.000	ppbV	# 0.00
Standard Area = 69834			Recovery = 76.80%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	141257	7.948	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 79.48%			
69) toluene-D8	6.507	98	782182	13.052	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 130.52%#			
90) bromofluorobenzene	8.047	95	429497	12.054	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.54%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.135	51	1166704M6	83.056	ppbV	
3) propylene	2.160	41	966372M6	73.788	ppbV	
4) propane	2.170	29	639462	76.210	ppbV	96
5) dichlorodifluoromethane	2.200	85	998635	62.632	ppbV	100
6) chloromethane	2.305	50	731497	90.627	ppbV	99
7) Freon-114	2.365	85	1339043	59.353	ppbV	99
8) methanol	2.390	31	1305493	391.009	ppbV #	88
9) vinyl chloride	2.435	62	807253	69.564	ppbV	99
10) 1,3-butadiene	2.505	54	619084	75.380	ppbV	85
11) butane	2.535	43	984863	63.046	ppbV	98
12) acetaldehyde	2.375	29	1470306	332.246	ppbV	96
13) bromomethane	2.635	94	507772	65.601	ppbV	100
14) chloroethane	2.710	64	320494	66.575	ppbV	100
15) ethanol	2.755	31	1079355	284.160	ppbV #	80
16) dichlorofluoromethane	2.750	67	717018	45.398	ppbV #	98
17) vinyl bromide	2.866	106	473120	64.558	ppbV	99
18) acrolein	2.914	56	273188	79.785	ppbV #	94
19) acetone	2.971	43	2379492	289.749	ppbV	95
20) acetonitrile	2.851	41	496561	63.542	ppbV	97
21) trichlorofluoromethane	3.058	101	601728	64.018	ppbV	99
22) isopropyl alcohol	3.082	45	1946800	150.017	ppbV	98
23) acrylonitrile	3.190	53	503923	75.685	ppbV	99
24) pentane	3.226	43	948323	56.457	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221897.D
Acq On : 30 Nov 2023 2:24 AM
Operator : AIRLAB22:RAY
Sample : ITO15-LLSTD100
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:41 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	3.229	31	632796	68.924	ppbV		91
26) 1,1-dichloroethene	3.360	61	996620	58.730	ppbV	#	82
27) tertiary butyl alcohol	3.370	59	1681787	72.688	ppbV		98
28) methylene chloride	3.415	49	1184906	81.687	ppbV		96
29) 3-chloropropene	3.475	41	1632345	73.985	ppbV	#	87
30) carbon disulfide	3.560	76	2989098	73.487	ppbV		95
31) Freon 113	3.540	101	1513843	66.366	ppbV		97
32) trans-1,2-dichloroethene	3.870	61	1366447	67.583	ppbV	#	83
33) 1,1-dichloroethane	3.963	63	1814058	71.593	ppbV		97
34) MTBE	3.990	73	2634449	74.229	ppbV		96
35) vinyl acetate	4.037	43	2429200	95.437	ppbV		96
36) 2-butanone	4.150	43	2493724	83.133	ppbV	#	88
37) cis-1,2-dichloroethene	4.370	61	1249687	67.272	ppbV	#	79
38) Ethyl Acetate	4.470	61	320041	64.544	ppbV		57
39) chloroform	4.517	83	1390868	62.072	ppbV		99
40) Tetrahydrofuran	4.697	42	1527284	72.279	ppbV	#	83
41) 2,2-dichloropropane	4.530	77	1097312	65.203	ppbV	#	89
42) 1,2-dichloroethane	4.870	62	723669	57.075	ppbV	#	82
44) hexane	4.477	57	1456460	55.734	ppbV	#	71
45) diisopropyl ether	4.463	87	954566	62.448	ppbV		87
46) tert-butyl ethyl ether	4.723	59	2931481	63.848	ppbV		90
48) 1,1,1-trichloroethane	4.990	97	1277812	74.097	ppbV	#	96
49) 1,1-dichloropropene	5.143	75	1451942	73.050	ppbV	#	88
50) benzene	5.210	78	3746956	73.616	ppbV		99
51) thiophene	0.000		0	N.D.	d		
52) carbon tetrachloride	5.283	117	1025561	63.732	ppbV		99
53) cyclohexane	5.343	56	2001883	67.994	ppbV		93
54) tert-amyl methyl ether	5.490	73	3186090	77.507	ppbV		93
55) dibromomethane	5.583	93	721565	61.470	ppbV		98
56) 1,2-dichloropropane	5.603	63	1093938	65.817	ppbV	#	97
57) bromodichloromethane	5.690	83	1355394	62.830	ppbV		100
58) 1,4-dioxane	5.697	88	720837	65.350	ppbV		90
59) trichloroethene	5.710	130	1184271	60.267	ppbV		100
60) 2,2,4-trimethylpentane	5.730	57	4689226	58.867	ppbV	#	95
61) methyl methacrylate	5.797	41	1232078	73.383	ppbV	#	72
62) heptane	5.850	43	1986806	63.140	ppbV	#	94
63) cis-1,3-dichloropropene	6.107	75	1636450	73.292	ppbV	#	91
64) 4-methyl-2-pentanone	6.113	43	2103662	62.499	ppbV	#	92
65) trans-1,3-dichloropropene	6.340	75	1434807	80.507	ppbV	#	90
66) 1,1,2-trichloroethane	6.420	97	1274240	76.467	ppbV	#	88

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221897.D
Acq On : 30 Nov 2023 2:24 AM
Operator : AIRLAB22:RAY
Sample : ITO15-LLSTD100
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:41 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	6.547	91	3294240	72.544	ppbV		100
70) 2-methylthiophene	0.000		0	N.D.	d		
71) 1,3-dichloropropane	6.560	76	1568422	82.659	ppbV		87
72) 2-hexanone	6.660	43	2254058	87.076	ppbV	#	95
73) 3-methylthiophene	0.000		0	N.D.	d		
74) dibromochloromethane	6.740	129	1351689	81.183	ppbV		97
75) 1,2-dibromoethane	6.853	107	1606653	86.058	ppbV		96
76) butyl acetate	6.940	73	646438	112.477	ppbV	#	61
77) octane	6.993	85	1324031	70.254	ppbV		90
78) tetrachloroethene	7.060	166	1250821	69.391	ppbV		97
79) 1,1,1,2-tetrachloroethane	7.360	131	932827	70.051	ppbV		100
80) chlorobenzene	7.373	112	2415472	69.668	ppbV		99
81) ethylbenzene	7.533	91	4074558	74.516	ppbV		88
82) 2-ethylthiophene	0.000		0	N.D.	d		
83) m+p-xylene	7.620	91	5290610	123.805	ppbV		89
84) bromoform	7.660	173	1047482	74.041	ppbV		98
85) styrene	7.787	104	3092797	83.431	ppbV		97
86) 1,1,2,2-tetrachloroethane	7.833	83	1904837	67.475	ppbV		100
87) o-xylene	7.840	91	2518030	60.655	ppbV		89
88) 1,2,3-trichloropropane	7.893	75	1970138	91.832	ppbV		92
89) nonane	7.927	43	2355219	69.623	ppbV	#	94
91) isopropylbenzene	8.113	105	4073952	73.389	ppbV		96
92) bromobenzene	8.160	77	2302020	78.030	ppbV		95
93) 2-chlorotoluene	8.347	126	1271372	72.568	ppbV		97
94) n-propylbenzene	8.360	120	1410936	68.783	ppbV		66
95) 4-chlorotoluene	8.380	126	1408160	82.969	ppbV		85
96) 4-ethyl toluene	8.433	105	4362016	75.152	ppbV		97
97) 1,3,5-trimethylbenzene	8.473	105	3369073	67.772	ppbV		98
98) tert-butylbenzene	8.677	119	2843666	55.648	ppbV		93
99) 1,2,4-trimethylbenzene	8.683	105	2670310	57.227	ppbV		94
100) decane	8.723	57	2871078	69.992	ppbV	#	95
101) Benzyl Chloride	8.750	91	2574658	92.940	ppbV		93
102) 1,3-dichlorobenzene	8.763	146	2437844	71.486	ppbV		99
103) 1,4-dichlorobenzene	8.797	146	2061461	64.504	ppbV		99
104) sec-butylbenzene	8.817	105	4654698	67.959	ppbV		93
105) 1,2,3-trimethylbenzene	8.903	105	2506287	59.240	ppbV		94
106) p-isopropyltoluene	8.897	119	3323795	54.667	ppbV		92
107) 1,2-dichlorobenzene	8.977	146	2379636	74.787	ppbV		99
108) n-butylbenzene	9.117	91	3661348	69.930	ppbV		96
109) indan	9.003	117	3462069	67.139	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221897.D
Acq On : 30 Nov 2023 2:24 AM
Operator : AIRLAB22:RAY
Sample : ITO15-LLSTD100
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Nov 30 12:37:41 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default - All compounds listed

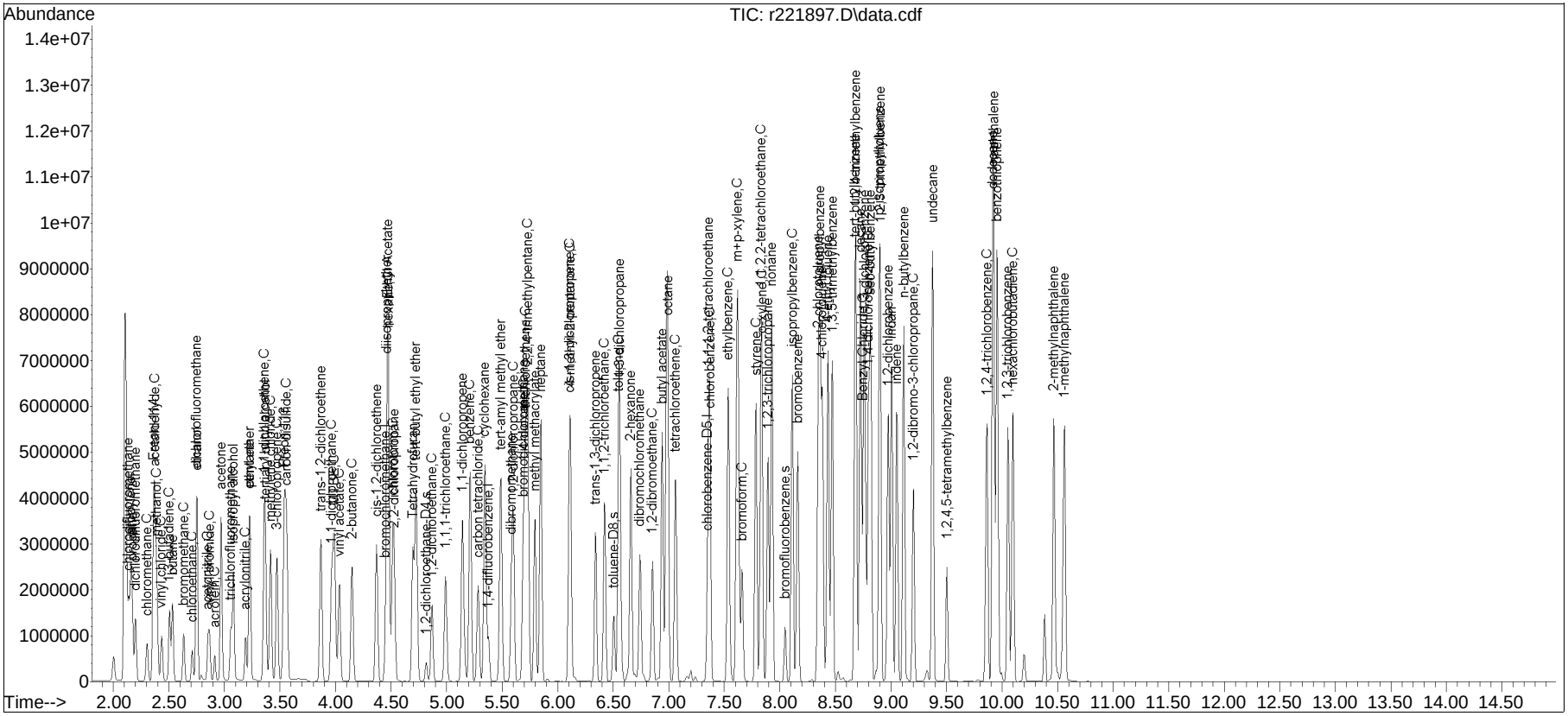
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	9.050	115	2717183	76.495	ppbV		99
111) 1,2-dibromo-3-chloropr...	9.203	75	857050	81.415	ppbV		91
112) undecane	9.377	57	3000195	67.449	ppbV		96
113) 1,2,4,5-tetramethylben...	9.503	119	1056928	102.383	ppbV		93
114) dodecane	9.918	57	2349693	55.260	ppbV		100
115) 1,2,4-trichlorobenzene	9.865	180	1752631	63.575	ppbV		92
116) naphthalene	9.925	128	3759409	55.464	ppbV	#	95
117) 1,2,3-trichlorobenzene	10.053	180	1617882	67.093	ppbV		96
118) benzothiophene	9.955	134	6384033	54.031	ppbV	#	96
119) hexachlorobutadiene	10.098	225	1084843	49.754	ppbV	#	95
120) 2-methylnaphthalene	10.465	142	2615873	89.742	ppbV		94
121) 1-methylnaphthalene	10.563	142	2805004	96.046	ppbV		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed3\11\1129T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221897.D
Acq On : 30 Nov 2023 2:24 AM
Operator : AIRLAB22:RAY
Sample : ITO15-LLSTD100
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

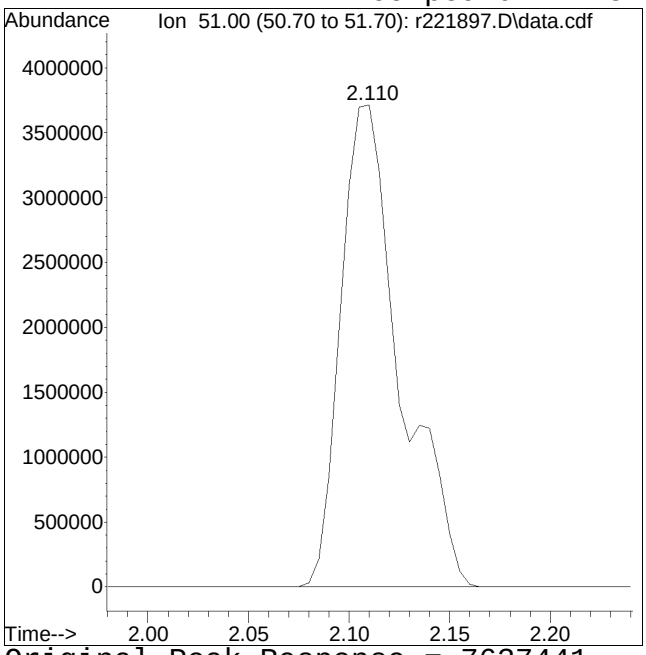
Quant Time: Nov 30 12:37:41 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 04 15:56:35 2023
Response via : Initial Calibration



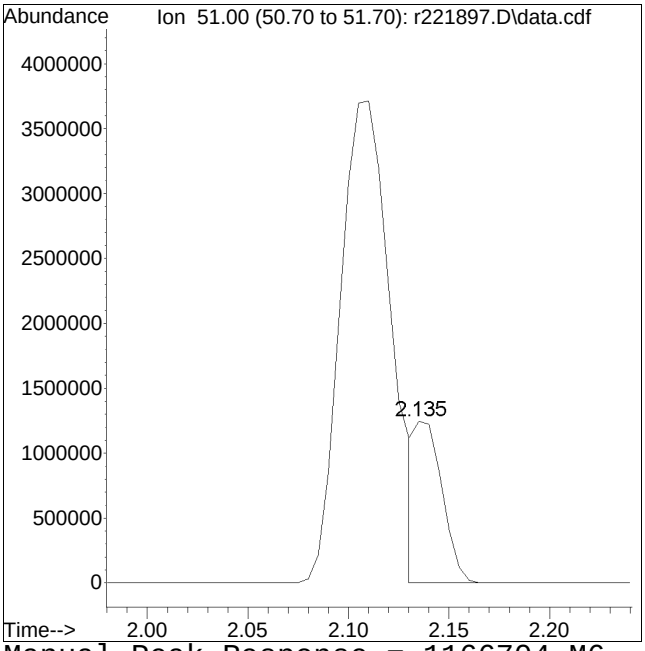
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221897.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 4 Instrument :
Sample : ITO15-LLSTD100 Quant Date : 11/30/2023 12:37 pm

Compound #2: chlorodifluoromethane



Original Peak Response = 7637441



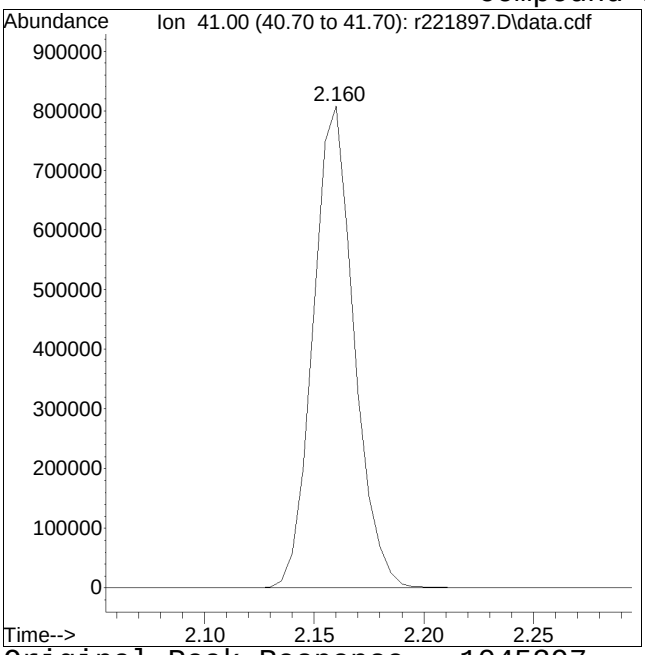
Manual Peak Response = 1166704 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

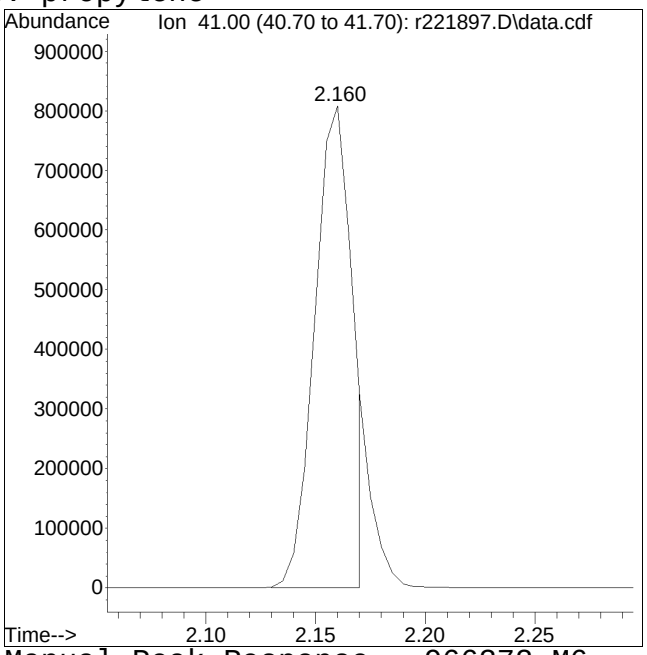
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r221897.D Operator : AIRLAB22:RAY
Date Inj'd : 11/30/2020 0:2: 4 Instrument :
Sample : ITO15-LLSTD100 Quant Date : 11/30/2023 12:37 pm

Compound #3: propylene



Original Peak Response = 1045397



Manual Peak Response = 966372 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	85	0.00
2		chlorodifluoromethane	0.667	0.893	-33.9#	104	0.00
3		propylene	0.539	0.653	-21.2	111	0.00
4		propane	0.434	0.384	11.5	80	0.00
5		dichlorodifluoromethane	0.805	0.636	21.0	70	0.00
6	C	chloromethane	0.437	0.422	3.4	84	0.00
7		Freon-114	1.167	1.136	2.7	80	0.00
8	C	methanol	0.174	0.150	13.8	73	0.00
9	C	vinyl chloride	0.558	0.480	14.0	72	0.00
10	C	1,3-butadiene	0.412	0.390	5.3	81	0.00
11		butane	0.666	0.560	15.9	72	0.00
13	C	bromomethane	0.395	0.329	16.7	70	0.00
14	C	chloroethane	0.214	0.190	11.2	75	0.00
15		ethanol	0.161	0.157	2.5	79	0.00
16		dichlorofluoromethane	0.693	0.523	24.5	68	0.00
17	C	vinyl bromide	0.359	0.293	18.4	69	0.00
18	C	acrolein	0.173	0.133	23.1	64	0.00
19		acetone	0.322	0.318	1.2	87	0.00
20	C	acetonitrile	0.310	0.267	13.9	75	0.00
21		trichlorofluoromethane	0.430	0.361	16.0	71	0.00
22		isopropyl alcohol	0.533	0.436	18.2	72	0.00
23	C	acrylonitrile	0.339	0.275	18.9	70	0.00
24		pentane	0.667	0.553	17.1	71	0.00
25		ethyl ether	0.435	0.361	17.0	71	0.00
26	C	1,1-dichloroethene	0.827	0.825	0.2	81	0.00
27		tertiary butyl alcohol	1.202	1.070	11.0	72	0.00
28	C	methylene chloride	0.793	0.806	-1.6	86	0.00
29	C	3-chloropropene	1.074	1.082	-0.7	86	0.00
30	C	carbon disulfide	2.198	2.151	2.1	83	0.00
31		Freon 113	1.205	1.223	-1.5	84	0.00
32		trans-1,2-dichloroethene	1.022	0.930	9.0	77	0.00
33	C	1,1-dichloroethane	1.305	1.214	7.0	77	0.00
34	C	MTBE	1.895	1.777	6.2	79	0.00
35	C	vinyl acetate	1.461	1.164	20.3	68	0.00
36	C	2-butanone	1.624	1.408	13.3	71	0.00
37		cis-1,2-dichloroethene	0.930	0.862	7.3	77	0.00
38		Ethyl Acetate	0.253	0.259	-2.4	84	0.00
39	C	chloroform	1.147	0.995	13.3	71	0.00
40		Tetrahydrofuran	1.033	0.946	8.4	78	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	0.913	0.682	25.3	60#	0.00
42	C	1,2-dichloroethane	0.652	0.440	32.5#	57#	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	86	0.00
44	C	hexane	0.354	0.357	-0.8	84	0.00
45		diisopropyl ether	0.222	0.205	7.7	75	0.00
46		tert-butyl ethyl ether	0.655	0.543	17.1	68	0.00
47	s	1,2-dichloroethane-D4	0.273	0.201	26.4	60#	0.00
48	C	1,1,1-trichloroethane	0.277	0.213	23.1	63	0.00
49		1,1-dichloropropene	0.298	0.272	8.7	75	0.00
50	C	benzene	0.746	0.729	2.3	81	0.00
52	C	carbon tetrachloride	0.248	0.190	23.4	62	0.00
53		cyclohexane	0.405	0.405	0.0	87	0.00
54		tert-amyl methyl ether	0.652	0.587	10.0	75	0.00
55		dibromomethane	0.179	0.166	7.3	76	0.00
56	C	1,2-dichloropropane	0.244	0.243	0.4	81	0.00
57		bromodichloromethane	0.324	0.294	9.3	75	0.00
58	C	1,4-dioxane	0.163	0.169	-3.7	87	0.00
59	C	trichloroethene	0.295	0.305	-3.4	83	0.00
60	C	2,2,4-trimethylpentane	1.128	1.153	-2.2	85	0.00
61		methyl methacrylate	0.243	0.226	7.0	75	0.00
62		heptane	0.446	0.439	1.6	82	0.00
63	C	cis-1,3-dichloropropene	0.356	0.347	2.5	79	0.00
64	C	4-methyl-2-pentanone	0.496	0.480	3.2	78	0.00
65		trans-1,3-dichloropropene	0.292	0.253	13.4	72	0.00
66	C	1,1,2-trichloroethane	0.264	0.269	-1.9	84	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	75	0.00
68	C	toluene	8.341	9.334	-11.9	81	0.00
69	s	toluene-D8	11.925	12.947	-8.6	83	0.00
71		1,3-dichloropropane	3.773	3.758	0.4	72	0.00
72		2-hexanone	4.893	4.893	0.0	74	0.00
74		dibromochloromethane	3.317	3.682	-11.0	82	0.00
75	C	1,2-dibromoethane	3.674	4.001	-8.9	80	0.00
76		butyl acetate	1.221	1.239	-1.5	74	0.00
77		octane	3.408	3.691	-8.3	77	0.00
78	C	tetrachloroethene	3.236	3.714	-14.8	82	0.00
79		1,1,1,2-tetrachloroethane	2.579	2.576	0.1	71	0.00
80	C	chlorobenzene	6.452	7.289	-13.0	81	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	10.089	10.965	-8.7	78	0.00
83	C	m+p-xylene	7.856	8.617	-9.7	77	0.00
84	C	bromoform	2.719	3.111	-14.4	82	0.00
85	C	styrene	7.041	8.086	-14.8	81	0.00
86	C	1,1,2,2-tetrachloroethane	5.266	5.915	-12.3	79	0.00
87	C	o-xylene	7.670	8.460	-10.3	77	0.00
88		1,2,3-trichloropropane	4.388	4.331	1.3	71	0.00
89		nonane	6.152	6.176	-0.4	71	0.00
90	s	bromofluorobenzene	6.922	7.319	-5.7	79	0.00
91	C	isopropylbenzene	10.609	11.356	-7.0	76	0.00
92		bromobenzene	5.784	5.999	-3.7	74	0.00
93		2-chlorotoluene	3.252	3.564	-9.6	78	0.00
94		n-propylbenzene	3.785	4.138	-9.3	75	0.00
95		4-chlorotoluene	3.266	3.408	-4.3	74	0.00
96		4-ethyl toluene	11.333	12.472	-10.1	78	0.00
97		1,3,5-trimethylbenzene	9.277	10.557	-13.8	80	0.00
98		tert-butylbenzene	9.219	9.688	-5.1	73	0.00
99		1,2,4-trimethylbenzene	8.866	9.780	-10.3	77	0.00
100		decane	7.401	7.865	-6.3	74	0.00
101	C	Benzyl Chloride	5.322	6.088	-14.4	76	0.00
102		1,3-dichlorobenzene	6.511	7.581	-16.4	80	0.00
103	C	1,4-dichlorobenzene	6.244	7.051	-12.9	77	0.00
104		sec-butylbenzene	13.163	14.142	-7.4	74	0.00
106		p-isopropyltoluene	11.031	11.448	-3.8	72	0.00
107		1,2-dichlorobenzene	6.119	6.877	-12.4	76	0.00
108		n-butylbenzene	9.879	10.783	-9.2	75	0.00
111	C	1,2-dibromo-3-chloropropane	2.162	2.005	7.3	65	0.00
112		undecane	7.983	8.839	-10.7	74	0.00
114		dodecane	7.434	8.480	-14.1	73	0.00
115	C	1,2,4-trichlorobenzene	4.807	5.382	-12.0	70	0.00
116		naphthalene	11.660	12.372	-6.1	68	0.00
117		1,2,3-trichlorobenzene	4.229	4.704	-11.2	71	0.00
119	C	hexachlorobutadiene	3.689	3.973	-7.7	73	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.450	49	163418	10.000	ppbV	0.00
Standard Area = 192875			Recovery = 84.73%			
43) 1,4-difluorobenzene	5.377	114	579275	10.000	ppbV	0.00
Standard Area = 676282			Recovery = 85.66%			
67) chlorobenzene-D5	7.347	54	52212	10.000	ppbV	0.00
Standard Area = 69834			Recovery = 74.77%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	4.817	65	116431	7.355	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 73.55%			
69) toluene-D8	6.500	98	676008	10.857	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.57%			
90) bromofluorobenzene	8.047	95	382124	10.573	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.73%			
Target Compounds						Qvalue
2) chlorodifluoromethane	2.140	51	145879	13.383	ppbV #	93
3) propylene	2.160	41	106770M6	12.120	ppbV	
4) propane	2.175	29	62758	8.845	ppbV #	94
5) dichlorodifluoromethane	2.205	85	103914	7.895	ppbV	99
6) chloromethane	2.305	50	69035	9.667	ppbV	100
7) Freon-114	2.365	85	185635	9.737	ppbV	97
8) methanol	2.390	31	122577	43.037	ppbV #	83
9) vinyl chloride	2.435	62	78522	8.610	ppbV	99
10) 1,3-butadiene	2.505	54	63800	9.471	ppbV	96
11) butane	2.535	43	91448	8.398	ppbV	99
13) bromomethane	2.630	94	53845	8.344	ppbV	99
14) chloroethane	2.710	64	31090	8.879	ppbV	99
15) ethanol	2.745	31	128113	48.809	ppbV	94
16) dichlorofluoromethane	2.745	67	85435	7.548	ppbV	99
17) vinyl bromide	2.863	106	47946	8.170	ppbV	98
18) acrolein	2.911	56	21741	7.709	ppbV	98
19) acetone	2.968	43	259530	49.363	ppbV	95
20) acetonitrile	2.848	41	43635	8.625	ppbV	97
21) trichlorofluoromethane	3.055	101	59017	8.406	ppbV	99
22) isopropyl alcohol	3.079	45	178307	20.455	ppbV	100
23) acrylonitrile	3.187	53	44983	8.127	ppbV	98
24) pentane	3.223	43	90360	8.286	ppbV	97
25) ethyl ether	3.229	31	58984	8.302	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) 1,1-dichloroethene	3.355	61	134846	9.982	ppbV		90
27) tertiary butyl alcohol	3.370	59	174800	8.902	ppbV		97
28) methylene chloride	3.415	49	131744	10.170	ppbV		100
29) 3-chloropropene	3.470	41	176823	10.076	ppbV		93
30) carbon disulfide	3.560	76	351548	9.789	ppbV		96
31) Freon 113	3.540	101	199843	10.150	ppbV		99
32) trans-1,2-dichloroethene	3.863	61	151932	9.093	ppbV		86
33) 1,1-dichloroethane	3.963	63	198466	9.307	ppbV		99
34) MTBE	3.990	73	290320	9.373	ppbV		96
35) vinyl acetate	4.030	43	190160	7.963	ppbV		96
36) 2-butanone	4.150	43	230142	8.674	ppbV		94
37) cis-1,2-dichloroethene	4.370	61	140813	9.268	ppbV		90
38) Ethyl Acetate	4.470	61	42297	10.245	ppbV		78
39) chloroform	4.510	83	162642	8.681	ppbV		99
40) Tetrahydrofuran	4.697	42	154673	9.159	ppbV		92
41) 2,2-dichloropropane	4.523	77	111418	7.467	ppbV	#	96
42) 1,2-dichloroethane	4.863	62	71887	6.748	ppbV	#	87
44) hexane	4.470	57	206996	10.104	ppbV		83
45) diisopropyl ether	4.463	87	118870	9.255	ppbV		96
46) tert-butyl ethyl ether	4.723	59	314275	8.281	ppbV		96
48) 1,1,1-trichloroethane	4.990	97	123606	7.712	ppbV	#	97
49) 1,1-dichloropropene	5.143	75	157278	9.109	ppbV		93
50) benzene	5.210	78	422350	9.774	ppbV		99
52) carbon tetrachloride	5.283	117	110104	7.662	ppbV		100
53) cyclohexane	5.343	56	234696	10.006	ppbV		98
54) tert-amyl methyl ether	5.490	73	340212	9.006	ppbV		96
55) dibromomethane	5.583	93	96083	9.252	ppbV		99
56) 1,2-dichloropropane	5.597	63	140663	9.972	ppbV		98
57) bromodichloromethane	5.690	83	170527	9.083	ppbV		100
58) 1,4-dioxane	5.703	88	98154	10.408	ppbV		98
59) trichloroethene	5.710	130	176940	10.360	ppbV		99
60) 2,2,4-trimethylpentane	5.723	57	667991	10.219	ppbV		95
61) methyl methacrylate	5.797	41	130830	9.279	ppbV		87
62) heptane	5.843	43	254457	9.849	ppbV		97
63) cis-1,3-dichloropropene	6.100	75	200971	9.756	ppbV	#	92
64) 4-methyl-2-pentanone	6.113	43	277780	9.670	ppbV		96
65) trans-1,3-dichloropropene	6.340	75	146744	8.680	ppbV		97
66) 1,1,2-trichloroethane	6.420	97	156094	10.221	ppbV		96
68) toluene	6.547	91	487325	11.189	ppbV		100
71) 1,3-dichloropropane	6.560	76	196226	9.960	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default-ICV-AP2 - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72)	2-hexanone	6.660	43	255487	10.000	ppbV		95
74)	dibromochloromethane	6.740	129	192266	11.103	ppbV		100
75)	1,2-dibromoethane	6.853	107	208912	10.891	ppbV		99
76)	butyl acetate	6.940	73	64715	10.151	ppbV		91
77)	octane	6.987	85	192739	10.831	ppbV		96
78)	tetrachloroethene	7.060	166	193937	11.477	ppbV		98
79)	1,1,1,2-tetrachloroethane	7.353	131	134498	9.987	ppbV		98
80)	chlorobenzene	7.367	112	380550	11.297	ppbV		98
81)	ethylbenzene	7.533	91	572518	10.868	ppbV		99
83)	m+p-xylene	7.613	91	899838	21.938	ppbV		97
84)	bromoform	7.653	173	162442	11.442	ppbV		99
85)	styrene	7.780	104	422176	11.484	ppbV		97
86)	1,1,2,2-tetrachloroethane	7.827	83	308834	11.232	ppbV		99
87)	o-xylene	7.833	91	441727	11.030	ppbV		99
88)	1,2,3-trichloropropane	7.887	75	226150	9.871	ppbV		98
89)	nonane	7.927	43	322468	10.040	ppbV		96
91)	isopropylbenzene	8.107	105	592932	10.704	ppbV		99
92)	bromobenzene	8.153	77	313232	10.372	ppbV		93
93)	2-chlorotoluene	8.340	126	186069	10.959	ppbV	#	54
94)	n-propylbenzene	8.353	120	216054	10.931	ppbV		82
95)	4-chlorotoluene	8.380	126	177932	10.434	ppbV		89
96)	4-ethyl toluene	8.427	105	651203	11.006	ppbV		99
97)	1,3,5-trimethylbenzene	8.467	105	551209	11.379	ppbV		97
98)	tert-butylbenzene	8.677	119	505842	10.509	ppbV		99
99)	1,2,4-trimethylbenzene	8.677	105	510624	11.031	ppbV		94
100)	decane	8.717	57	410664	10.627	ppbV		96
101)	Benzyl Chloride	8.750	91	317890	11.439	ppbV		97
102)	1,3-dichlorobenzene	8.757	146	395798	11.643	ppbV		95
103)	1,4-dichlorobenzene	8.790	146	368168	11.293	ppbV		94
104)	sec-butylbenzene	8.810	105	738362	10.743	ppbV		98
106)	p-isopropyltoluene	8.890	119	597716	10.377	ppbV		95
107)	1,2-dichlorobenzene	8.970	146	359046	11.239	ppbV		98
108)	n-butylbenzene	9.110	91	562990	10.915	ppbV		99
111)	1,2-dibromo-3-chloropr...	9.197	75	104694	9.274	ppbV		91
112)	undecane	9.370	57	461519	11.073	ppbV		99
114)	dodecane	9.918	57	442774	11.408	ppbV		99
115)	1,2,4-trichlorobenzene	9.857	180	281030	11.197	ppbV		99
116)	naphthalene	9.918	128	645967	10.611	ppbV		99
117)	1,2,3-trichlorobenzene	10.053	180	245615	11.122	ppbV		98
119)	hexachlorobutadiene	10.098	225	207442	10.769	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2023\11\1129T_I\r221894.D
Sub List : Default-ICV-AP2 - All compounds listed

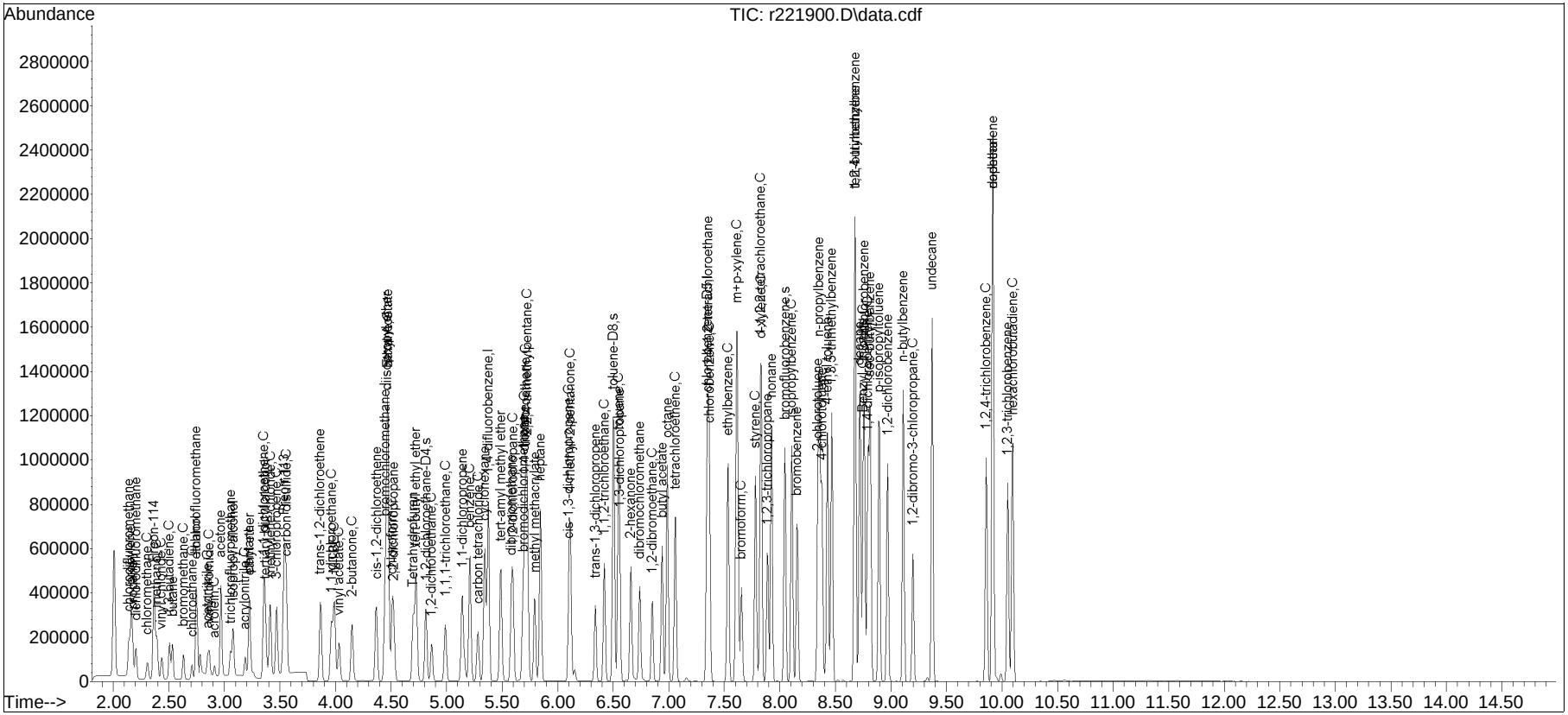
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed9T_I\r221894.D

Data Path : O:\Forensics\Data\Airlab22\2023\11\1129T_I\
Data File : r221900.D
Acq On : 30 Nov 2023 4:23 PM
Operator : AIRLAB22:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1858542
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 08:47:28 2023
Quant Method : O:\Forensics\Data\Airlab22\2023\11\1129T_I\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

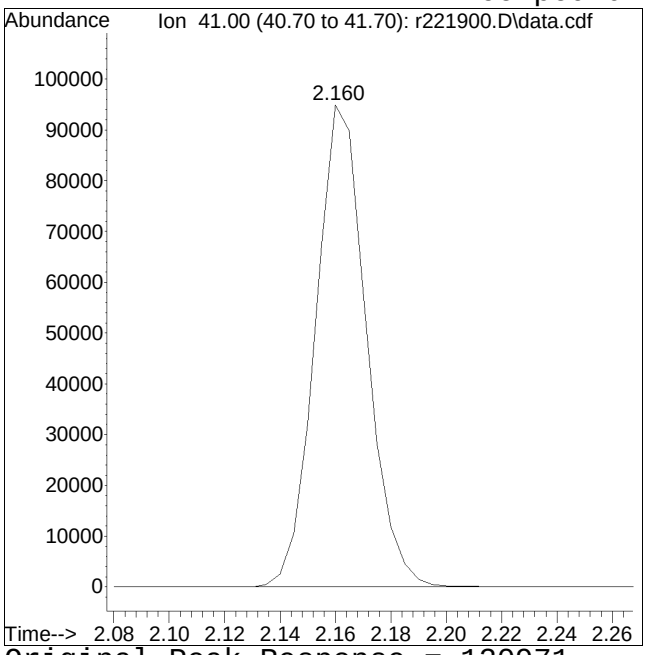


Manual Integration Report

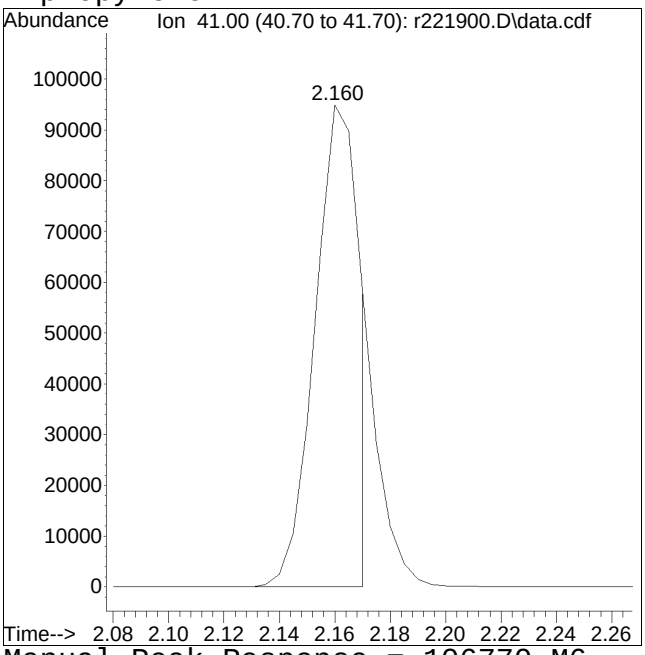
Data Path : O:\Forensics\Data\Airlab22Q
Data File : r221900.D
Date Inj'd : 11/30/2020 0:4: 3
Sample : CTO15-LLSTD10.0

Method : TFS22_231129.M
Operator : AIRLAB22:RAY
Instrument :
Quant Date : 12/1/2023 8:47 am

Compound #3: propylene



Original Peak Response = 120971



Manual Peak Response = 106770 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**	: L2409115	
Project Name	: 3200 JEROME		**Project Number**	: 11455	
Instrument ID	: AIRLAB22		**Calibration Date**	: 02/28/24 12:10	
Lab File ID	: R222701		**Init. Calib. Date(s)**	: 11/29/23	11/30/23
Sample No	: WG1890350-2		**Init. Calib. Times**	: 22:39	02:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	113	.01
chlorodifluoromethane	0.667	0.788	-	-18.1	30	123	.02
propylene	0.539	0.587	-	-8.9	30	134	.02
propane	0.434	0.393	-	9.4	30	110	.02
dichlorodifluoromethane	0.805	0.809	-	-0.5	30	120	.02
chloromethane	0.437	0.417	-	4.6	30	110	.02
Freon-114	1.167	1.27	-	-8.8	30	120	.02
methanol	0.174	0.157	-	9.8	30	102	.02
vinyl chloride	0.558	0.564	-	-1.1	30	113	.02
1,3-butadiene	0.412	0.466	-	-13.1	30	129	.02
butane	0.666	0.729	-	-9.5	30	126	.01
bromomethane	0.395	0.401	-	-1.5	30	114	.02
chloroethane	0.214	0.267	-	-24.8	30	141	.02
ethanol	0.161	0.124	-	23	30	83	.02
dichlorofluoromethane	0.693	0.43	-	38*	30	74	.02
vinyl bromide	0.359	0.371	-	-3.3	30	117	.02
acrolein	0.173	0.174	-	-0.6	30	112	.02
acetone	0.322	0.367	-	-14	30	134	.02
acetonitrile	0.31	0.327	-	-5.5	30	124	.02
trichlorofluoromethane	0.43	0.425	-	1.2	30	111	.02
isopropyl alcohol	0.533	0.541	-	-1.5	30	120	.02
acrylonitrile	0.339	0.348	-	-2.7	30	118	.02
pentane	0.667	0.712	-	-6.7	30	122	.02
ethyl ether	0.435	0.516	-	-18.6	30	136	.02
1,1-dichloroethene	0.827	0.939	-	-13.5	30	123	.02
tertiary butyl alcohol	1.202	1.182	-	1.7	30	106	.01
methylene chloride	0.793	0.73	-	7.9	30	104	.02
3-chloropropene	1.074	1.168	-	-8.8	30	125	.02
carbon disulfide	2.198	2.025	-	7.9	30	105	.02
Freon 113	1.205	1.137	-	5.6	30	105	.02
trans-1,2-dichloroethene	1.022	1.013	-	0.9	30	112	.01
1,1-dichloroethane	1.305	1.229	-	5.8	30	105	.02
MTBE	1.895	1.896	-	-0.1	30	112	.02
vinyl acetate	1.461	1.316	-	9.9	30	103	.01
2-butanone	1.624	1.575	-	3	30	107	.01
cis-1,2-dichloroethene	0.93	0.897	-	3.5	30	107	.01
Ethyl Acetate	0.253	0.27	-	-6.7	30	117	.02
chloroform	1.147	1.103	-	3.8	30	105	.02
Tetrahydrofuran	1.033	1.045	-	-1.2	30	115	.01
2,2-dichloropropane	0.913	0.872	-	4.5	30	103	.02
1,2-dichloroethane	0.652	0.639	-	2	30	111	.01
1,4-difluorobenzene	1	1	-	0	30	102	.01
hexane	0.354	0.417	-	-17.8	30	118	.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: AKRF, Inc.		**Lab Number**	: L2409115	
Project Name	: 3200 JEROME		**Project Number**	: 11455	
Instrument ID	: AIRLAB22		**Calibration Date**	: 02/28/24 12:10	
Lab File ID	: R222701		**Init. Calib. Date(s)**	: 11/29/23	11/30/23
Sample No	: WG1890350-2		**Init. Calib. Times**	: 22:39	02:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.222	0.224	-	-0.9	30	99	.02
tert-butyl ethyl ether	0.655	0.7	-	-6.9	30	105	.02
1,1,1-trichloroethane	0.277	0.295	-	-6.5	30	105	.01
1,1-dichloropropene	0.298	0.317	-	-6.4	30	105	.01
benzene	0.746	0.729	-	2.3	30	97	.01
carbon tetrachloride	0.248	0.262	-	-5.6	30	103	.01
cyclohexane	0.405	0.459	-	-13.3	30	118	.01
tert-amyl methyl ether	0.652	0.651	-	0.2	30	99	.01
dibromomethane	0.179	0.185	-	-3.4	30	101	.01
1,2-dichloropropane	0.244	0.258	-	-5.7	30	103	.01
bromodichloromethane	0.324	0.392	-	-21	30	119	.01
1,4-dioxane	0.163	0.181	-	-11	30	110	.01
trichloroethene	0.295	0.291	-	1.4	30	95	.01
2,2,4-trimethylpentane	1.128	1.347	-	-19.4	30	119	0
methyl methacrylate	0.243	0.304	-	-25.1	30	120	.01
heptane	0.446	0.537	-	-20.4	30	120	.01
cis-1,3-dichloropropene	0.356	0.378	-	-6.2	30	103	0
4-methyl-2-pentanone	0.496	0.616	-	-24.2	30	120	.01
trans-1,3-dichloropropene	0.292	0.297	-	-1.7	30	101	.01
1,1,2-trichloroethane	0.264	0.265	-	-0.4	30	99	.01
chlorobenzene-D5	1	1	-	0	30	124	0
toluene	8.341	6.871	-	17.6	30	99	.01
1,3-dichloropropane	3.773	3.149	-	16.5	30	100	0
2-hexanone	4.893	4.568	-	6.6	30	114	0
dibromochloromethane	3.317	3.051	-	8	30	112	.01
1,2-dibromoethane	3.674	3.006	-	18.2	30	99	0
butyl acetate	1.221	0.971	-	20.5	30	95	0
octane	3.408	2.906	-	14.7	30	101	.01
tetrachloroethene	3.236	2.629	-	18.8	30	96	0
1,1,1,2-tetrachloroethane	2.579	2.154	-	16.5	30	99	0
chlorobenzene	6.452	5.302	-	17.8	30	97	0
ethylbenzene	10.089	8.364	-	17.1	30	98	0
m+p-xylene	7.856	6.81	-	13.3	30	101	.01
bromoform	2.719	2.464	-	9.4	30	108	.01
styrene	7.041	5.727	-	18.7	30	95	.01
1,1,2,2-tetrachloroethane	5.266	4.714	-	10.5	30	104	.01
o-xylene	7.67	6.865	-	10.5	30	104	0
1,2,3-trichloropropane	4.388	3.735	-	14.9	30	102	0
nonane	6.152	5.632	-	8.5	30	108	0
isopropylbenzene	10.609	9.343	-	11.9	30	103	.01
bromobenzene	5.784	5.131	-	11.3	30	105	0
2-chlorotoluene	3.252	2.646	-	18.6	30	95	0
n-propylbenzene	3.785	3.194	-	15.6	30	96	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: AKRF, Inc.		**Lab Number**	: L2409115	
Project Name	: 3200 JEROME		**Project Number**	: 11455	
Instrument ID	: AIRLAB22		**Calibration Date**	: 02/28/24 12:10	
Lab File ID	: R222701		**Init. Calib. Date(s)**	: 11/29/23	11/30/23
Sample No	: WG1890350-2		**Init. Calib. Times**	: 22:39	02:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	3.266	2.663	-	18.5	30	95	0
4-ethyl toluene	11.333	10.276	-	9.3	30	107	0
1,3,5-trimethylbenzene	9.277	8.118	-	12.5	30	101	.01
tert-butylbenzene	9.219	8.224	-	10.8	30	103	0
1,2,4-trimethylbenzene	8.866	8.027	-	9.5	30	105	0
decane	7.401	6.871	-	7.2	30	107	0
Benzyl Chloride	5.322	4.853	-	8.8	30	101	0
1,3-dichlorobenzene	6.511	5.239	-	19.5	30	92	0
1,4-dichlorobenzene	6.244	5.073	-	18.8	30	91	0
sec-butylbenzene	13.163	11.637	-	11.6	30	101	0
p-isopropyltoluene	11.031	9.649	-	12.5	30	100	0
1,2-dichlorobenzene	6.119	4.825	-	21.1	30	89	0
n-butylbenzene	9.879	8.993	-	9	30	104	0
1,2-dibromo-3-chloropropan	2.162	2.016	-	6.8	30	109	.01
undecane	7.983	7.558	-	5.3	30	105	0
dodecane	7.434	6.977	-	6.1	30	100	0
1,2,4-trichlorobenzene	4.807	3.576	-	25.6	30	77	0
naphthalene	11.66	10.561	-	9.4	30	96	0
1,2,3-trichlorobenzene	4.229	3.499	-	17.3	30	87	0
hexachlorobutadiene	3.689	2.864	-	22.4	30	87	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	113	0.01
2		chlorodifluoromethane	0.667	0.788	-18.1	123	0.02
3		propylene	0.539	0.587	-8.9	134	0.02
4		propane	0.434	0.393	9.4	110	0.02
5		dichlorodifluoromethane	0.805	0.809	-0.5	120	0.02
6	C	chloromethane	0.437	0.417	4.6	110	0.02
7		Freon-114	1.167	1.270	-8.8	120	0.02
8	C	methanol	0.174	0.157	9.8	102	0.02
9	C	vinyl chloride	0.558	0.564	-1.1	113	0.02
10	C	1,3-butadiene	0.412	0.466	-13.1	129	0.02
11		butane	0.666	0.729	-9.5	126	0.01
13	C	bromomethane	0.395	0.401	-1.5	114	0.02
14	C	chloroethane	0.214	0.267	-24.8	141#	0.02
15		ethanol	0.161	0.124	23.0	83	0.02
16		dichlorofluoromethane	0.693	0.430	38.0#	74	0.02
17	C	vinyl bromide	0.359	0.371	-3.3	117	0.02
18	C	acrolein	0.173	0.174	-0.6	112	0.02
19		acetone	0.322	0.367	-14.0	134	0.02
20	C	acetonitrile	0.310	0.327	-5.5	124	0.02
21		trichlorofluoromethane	0.430	0.425	1.2	111	0.02
22		isopropyl alcohol	0.533	0.541	-1.5	120	0.02
23	C	acrylonitrile	0.339	0.348	-2.7	118	0.02
24		pentane	0.667	0.712	-6.7	122	0.02
25		ethyl ether	0.435	0.516	-18.6	136	0.02
26	C	1,1-dichloroethene	0.827	0.939	-13.5	123	0.02
27		tertiary butyl alcohol	1.202	1.182	1.7	106	0.01
28	C	methylene chloride	0.793	0.730	7.9	104	0.02
29	C	3-chloropropene	1.074	1.168	-8.8	125	0.02
30	C	carbon disulfide	2.198	2.025	7.9	105	0.02
31		Freon 113	1.205	1.137	5.6	105	0.02
32		trans-1,2-dichloroethene	1.022	1.013	0.9	112	0.01
33	C	1,1-dichloroethane	1.305	1.229	5.8	105	0.02
34	C	MTBE	1.895	1.896	-0.1	112	0.02
35	C	vinyl acetate	1.461	1.316	9.9	103	0.01
36	C	2-butanone	1.624	1.575	3.0	107	0.01
37		cis-1,2-dichloroethene	0.930	0.897	3.5	107	0.01
38		Ethyl Acetate	0.253	0.270	-6.7	117	0.02
39	C	chloroform	1.147	1.103	3.8	105	0.02
40		Tetrahydrofuran	1.033	1.045	-1.2	115	0.01

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	0.913	0.872	4.5	103	0.02
42	C	1,2-dichloroethane	0.652	0.639	2.0	111	0.01
43	I	1,4-difluorobenzene	1.000	1.000	0.0	102	0.01
44	C	hexane	0.354	0.417	-17.8	118	0.02
45		diisopropyl ether	0.222	0.224	-0.9	99	0.02
46		tert-butyl ethyl ether	0.655	0.700	-6.9	105	0.02
48	C	1,1,1-trichloroethane	0.277	0.295	-6.5	105	0.01
49		1,1-dichloropropene	0.298	0.317	-6.4	105	0.01
50	C	benzene	0.746	0.729	2.3	97	0.01
52	C	carbon tetrachloride	0.248	0.262	-5.6	103	0.01
53		cyclohexane	0.405	0.459	-13.3	118	0.01
54		tert-amyl methyl ether	0.652	0.651	0.2	99	0.01
55		dibromomethane	0.179	0.185	-3.4	101	0.01
56	C	1,2-dichloropropane	0.244	0.258	-5.7	103	0.01
57		bromodichloromethane	0.324	0.392	-21.0	119	0.01
58	C	1,4-dioxane	0.163	0.181	-11.0	110	0.01
59	C	trichloroethene	0.295	0.291	1.4	95	0.01
60	C	2,2,4-trimethylpentane	1.128	1.347	-19.4	119	0.00
61		methyl methacrylate	0.243	0.304	-25.1	120	0.01
62		heptane	0.446	0.537	-20.4	120	0.01
63	C	cis-1,3-dichloropropene	0.356	0.378	-6.2	103	0.00
64	C	4-methyl-2-pentanone	0.496	0.616	-24.2	120	0.01
65		trans-1,3-dichloropropene	0.292	0.297	-1.7	101	0.01
66	C	1,1,2-trichloroethane	0.264	0.265	-0.4	99	0.01
67	I	chlorobenzene-D5	1.000	1.000	0.0	124	0.00
68	C	toluene	8.341	6.871	17.6	99	0.01
71		1,3-dichloropropane	3.773	3.149	16.5	100	0.00
72		2-hexanone	4.893	4.568	6.6	114	0.00
74		dibromochloromethane	3.317	3.051	8.0	112	0.01
75	C	1,2-dibromoethane	3.674	3.006	18.2	99	0.00
76		butyl acetate	1.221	0.971	20.5	95	0.00
77		octane	3.408	2.906	14.7	101	0.01
78	C	tetrachloroethene	3.236	2.629	18.8	96	0.00
79		1,1,1,2-tetrachloroethane	2.579	2.154	16.5	99	0.00
80	C	chlorobenzene	6.452	5.302	17.8	97	0.00
81	C	ethylbenzene	10.089	8.364	17.1	98	0.00
83	C	m+p-xylene	7.856	6.810	13.3	101	0.01

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	2.719	2.464	9.4	108	0.01
85	C	styrene	7.041	5.727	18.7	95	0.01
86	C	1,1,2,2-tetrachloroethane	5.266	4.714	10.5	104	0.01
87	C	o-xylene	7.670	6.865	10.5	104	0.00
88		1,2,3-trichloropropane	4.388	3.735	14.9	102	0.00
89		nonane	6.152	5.632	8.5	108	0.00
91	C	isopropylbenzene	10.609	9.343	11.9	103	0.01
92		bromobenzene	5.784	5.131	11.3	105	0.00
93		2-chlorotoluene	3.252	2.646	18.6	95	0.00
94		n-propylbenzene	3.785	3.194	15.6	96	0.00
95		4-chlorotoluene	3.266	2.663	18.5	95	0.00
96		4-ethyl toluene	11.333	10.276	9.3	107	0.00
97		1,3,5-trimethylbenzene	9.277	8.118	12.5	101	0.01
98		tert-butylbenzene	9.219	8.224	10.8	103	0.00
99		1,2,4-trimethylbenzene	8.866	8.027	9.5	105	0.00
100		decane	7.401	6.871	7.2	107	0.00
101	C	Benzyl Chloride	5.322	4.853	8.8	101	0.00
102		1,3-dichlorobenzene	6.511	5.239	19.5	92	0.00
103	C	1,4-dichlorobenzene	6.244	5.073	18.8	91	0.00
104		sec-butylbenzene	13.163	11.637	11.6	101	0.00
106		p-isopropyltoluene	11.031	9.649	12.5	100	0.00
107		1,2-dichlorobenzene	6.119	4.825	21.1	89	0.00
108		n-butylbenzene	9.879	8.993	9.0	104	0.00
111	C	1,2-dibromo-3-chloropropane	2.162	2.016	6.8	109	0.01
112		undecane	7.983	7.558	5.3	105	0.00
114		dodecane	7.434	6.977	6.1	100	0.00
115	C	1,2,4-trichlorobenzene	4.807	3.576	25.6	77	0.00
116		naphthalene	11.660	10.561	9.4	96	0.00
117		1,2,3-trichlorobenzene	4.229	3.499	17.3	87	0.00
119	C	hexachlorobutadiene	3.689	2.864	22.4	87	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 : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.463	49	218491	10.000	ppbV	0.01
Standard Area = 218491			Recovery = 100.00%			
43) 1,4-difluorobenzene	5.390	114	693129	10.000	ppbV	0.01
Standard Area = 693129			Recovery = 100.00%			
67) chlorobenzene-D5	7.353	54	86392	10.000	ppbV	0.00
Standard Area = 86392			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	2.160	51	172263	11.820	ppbV	98
3) propylene	2.180	41	128300M6	10.893	ppbV	
4) propane	2.190	29	85801	9.045	ppbV	91
5) dichlorodifluoromethane	2.220	85	176669	10.040	ppbV	99
6) chloromethane	2.325	50	91136	9.545	ppbV	99
7) Freon-114	2.385	85	277583	10.890	ppbV	95
8) methanol	2.410	31	171311	44.987	ppbV #	84
9) vinyl chloride	2.455	62	123307	10.113	ppbV	100
10) 1,3-butadiene	2.525	54	101746	11.297	ppbV	94
11) butane	2.550	43	159292	10.941	ppbV	99
13) bromomethane	2.650	94	87720	10.166	ppbV	100
14) chloroethane	2.730	64	58364	12.467	ppbV	98
15) ethanol	2.770	31	135774	38.689	ppbV	100
16) dichlorofluoromethane	2.770	67	93873	6.203	ppbV	99
17) vinyl bromide	2.884	106	81022	10.326	ppbV	98
18) acrolein	2.932	56	37946	10.063	ppbV	99
19) acetone	2.989	43	401148	57.067	ppbV	98
20) acetonitrile	2.869	41	71439	10.562	ppbV	98
21) trichlorofluoromethane	3.076	101	92780	9.885	ppbV	99
22) isopropyl alcohol	3.097	45	295338	25.341	ppbV	99
23) acrylonitrile	3.208	53	76028	10.273	ppbV	99
24) pentane	3.244	43	155662	10.676	ppbV	97
25) ethyl ether	3.250	31	112678	11.863	ppbV	96
26) 1,1-dichloroethene	3.375	61	205107	11.356	ppbV	94
27) tertiary butyl alcohol	3.385	59	258237	9.837	ppbV	99
28) methylene chloride	3.430	49	159481	9.208	ppbV	98
29) 3-chloropropene	3.490	41	255132	10.874	ppbV	96
30) carbon disulfide	3.575	76	442551	9.217	ppbV	99
31) Freon 113	3.560	101	248428	9.438	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	3.883	61	221265	9.905	ppbV	97
33) 1,1-dichloroethane	3.983	63	268604	9.422	ppbV	99
34) MTBE	4.010	73	414247	10.003	ppbV	97
35) vinyl acetate	4.050	43	287561	9.006	ppbV	98
36) 2-butanone	4.163	43	344063	9.699	ppbV	98
37) cis-1,2-dichloroethene	4.383	61	195935	9.646	ppbV	95
38) Ethyl Acetate	4.490	61	58964	10.682	ppbV	92
39) chloroform	4.530	83	241058	9.623	ppbV	99
40) Tetrahydrofuran	4.717	42	228273	10.110	ppbV	96
41) 2,2-dichloropropane	4.543	77	190608	9.555	ppbV	94
42) 1,2-dichloroethane	4.883	62	139682	9.808	ppbV	97
44) hexane	4.490	57	288826	11.783	ppbV	88
45) diisopropyl ether	4.483	87	155564	10.123	ppbV	86
46) tert-butyl ethyl ether	4.743	59	485169	10.684	ppbV	97
48) 1,1,1-trichloroethane	5.003	97	204461	10.661	ppbV	97
49) 1,1-dichloropropene	5.157	75	219648	10.631	ppbV	96
50) benzene	5.223	78	505621	9.779	ppbV	99
52) carbon tetrachloride	5.297	117	181911	10.579	ppbV	99
53) cyclohexane	5.357	56	318076	11.334	ppbV	94
54) tert-amyl methyl ether	5.503	73	451320	9.985	ppbV	97
55) dibromomethane	5.597	93	128376	10.331	ppbV	96
56) 1,2-dichloropropane	5.610	63	178874	10.598	ppbV	98
57) bromodichloromethane	5.703	83	271527	12.087	ppbV	99
58) 1,4-dioxane	5.717	88	125198	11.095	ppbV	93
59) trichloroethene	5.723	130	201474	9.858	ppbV	98
60) 2,2,4-trimethylpentane	5.737	57	933792	11.939	ppbV	99
61) methyl methacrylate	5.810	41	210751	12.492	ppbV	92
62) heptane	5.857	43	372085	12.036	ppbV	98
63) cis-1,3-dichloropropene	6.113	75	261931	10.627	ppbV	99
64) 4-methyl-2-pentanone	6.127	43	426657	12.412	ppbV	98
65) trans-1,3-dichloropropene	6.353	75	205730	10.170	ppbV	96
66) 1,1,2-trichloroethane	6.433	97	183633	10.049	ppbV	95
68) toluene	6.560	91	593598	8.237	ppbV	100
71) 1,3-dichloropropane	6.567	76	272058	8.346	ppbV	95
72) 2-hexanone	6.667	43	394612	9.335	ppbV	99
74) dibromochloromethane	6.753	129	263574	9.199	ppbV	100
75) 1,2-dibromoethane	6.860	107	259698	8.182	ppbV	99
76) butyl acetate	6.947	73	83848	7.948	ppbV	92
77) octane	7.000	85	251040	8.526	ppbV	90
78) tetrachloroethene	7.067	166	227151	8.124	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

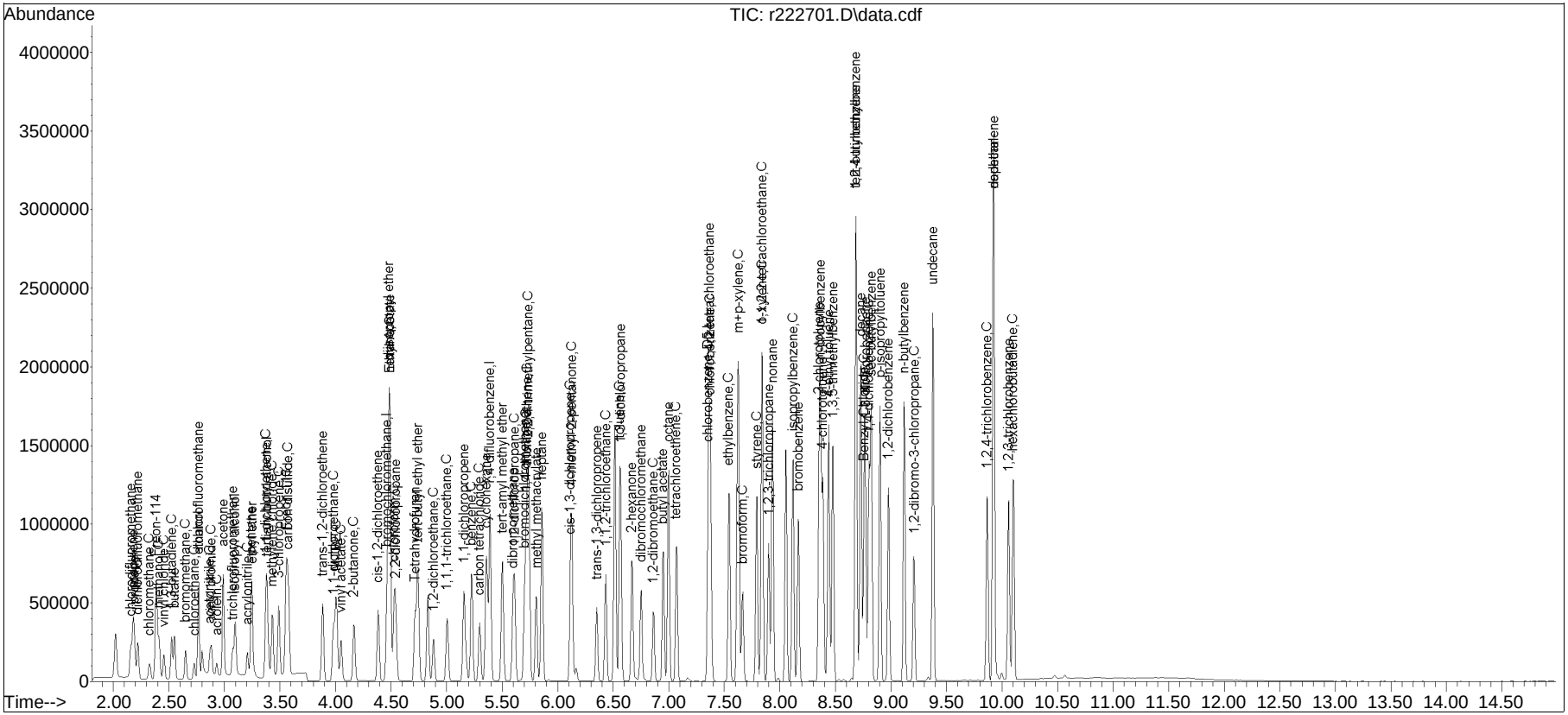
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) 1,1,1,2-tetrachloroethane	7.367	131	186116	8.352	ppbV		99
80) chlorobenzene	7.373	112	458019	8.218	ppbV		97
81) ethylbenzene	7.540	91	722600	8.290	ppbV		99
83) m+p-xylene	7.627	91	1176715	17.338	ppbV		97
84) bromoform	7.667	173	212832	9.060	ppbV		97
85) styrene	7.793	104	494759	8.134	ppbV		95
86) 1,1,2,2-tetrachloroethane	7.840	83	407275	8.952	ppbV		99
87) o-xylene	7.840	91	593110	8.950	ppbV		98
88) 1,2,3-trichloropropane	7.900	75	322631	8.511	ppbV		99
89) nonane	7.933	43	486572	9.155	ppbV		98
91) isopropylbenzene	8.120	105	807175	8.807	ppbV		97
92) bromobenzene	8.167	77	443314	8.872	ppbV		95
93) 2-chlorotoluene	8.353	126	228632	8.138	ppbV		96
94) n-propylbenzene	8.367	120	275949	8.438	ppbV		88
95) 4-chlorotoluene	8.387	126	230029	8.152	ppbV		92
96) 4-ethyl toluene	8.440	105	887807	9.068	ppbV		99
97) 1,3,5-trimethylbenzene	8.480	105	701303	8.750	ppbV		96
98) tert-butylbenzene	8.683	119	710481	8.921	ppbV		97
99) 1,2,4-trimethylbenzene	8.683	105	693460	9.054	ppbV		96
100) decane	8.730	57	593622	9.284	ppbV		98
101) Benzyl Chloride	8.757	91	419303	9.119	ppbV		97
102) 1,3-dichlorobenzene	8.770	146	452612	8.047	ppbV		95
103) 1,4-dichlorobenzene	8.803	146	438237	8.124	ppbV		94
104) sec-butylbenzene	8.823	105	1005349	8.840	ppbV		97
106) p-isopropyltoluene	8.903	119	833612	8.747	ppbV		99
107) 1,2-dichlorobenzene	8.977	146	416809	7.885	ppbV		94
108) n-butylbenzene	9.117	91	776941	9.104	ppbV		95
111) 1,2-dibromo-3-chloropr...	9.210	75	174153	9.323	ppbV	#	79
112) undecane	9.377	57	652909	9.467	ppbV		96
114) dodecane	9.925	57	602734	9.385	ppbV		95
115) 1,2,4-trichlorobenzene	9.865	180	308927	7.439	ppbV		96
116) naphthalene	9.925	128	912352	9.057	ppbV		98
117) 1,2,3-trichlorobenzene	10.060	180	302319	8.274	ppbV		97
119) hexachlorobutadiene	10.098	225	247432	7.763	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed8T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-2,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

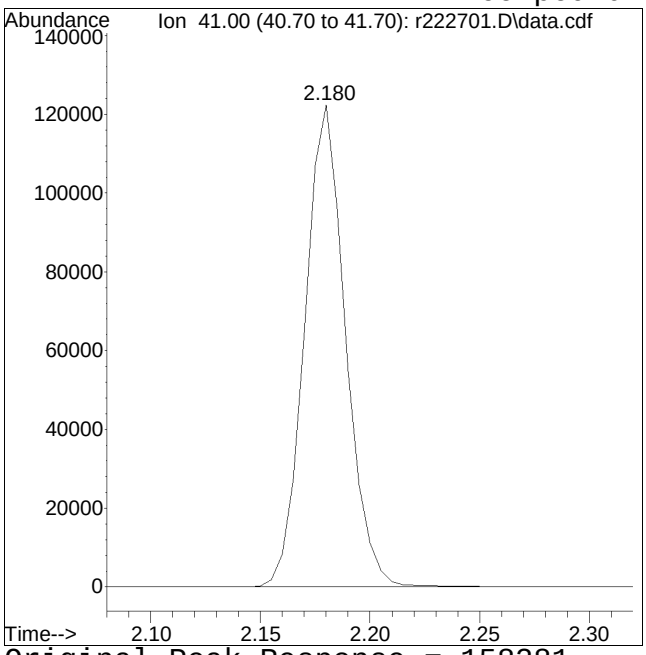
Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration



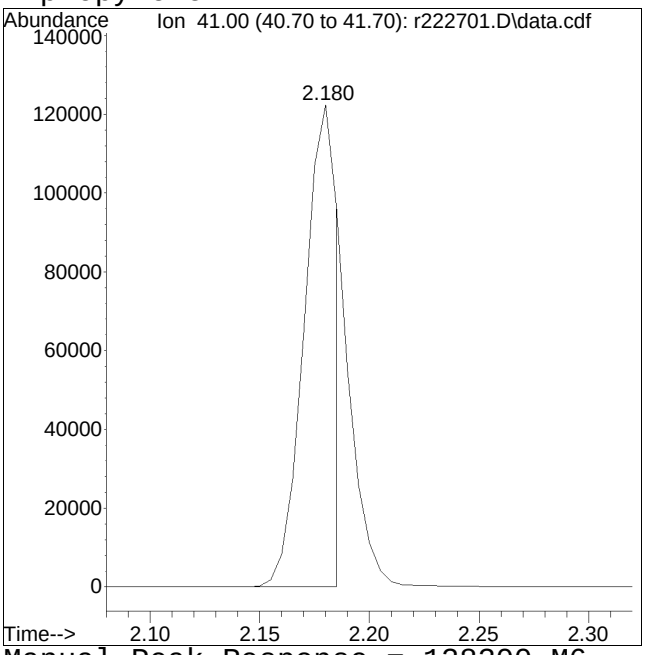
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222701.D Operator : AIRLAB22:JMB
Date Inj'd : 2/28/2020 0:2: 0 Instrument :
Sample : WG1890350-2,3,250,250 Quant Date : 2/28/2024 12:35 pm

Compound #3: propylene



Original Peak Response = 158281



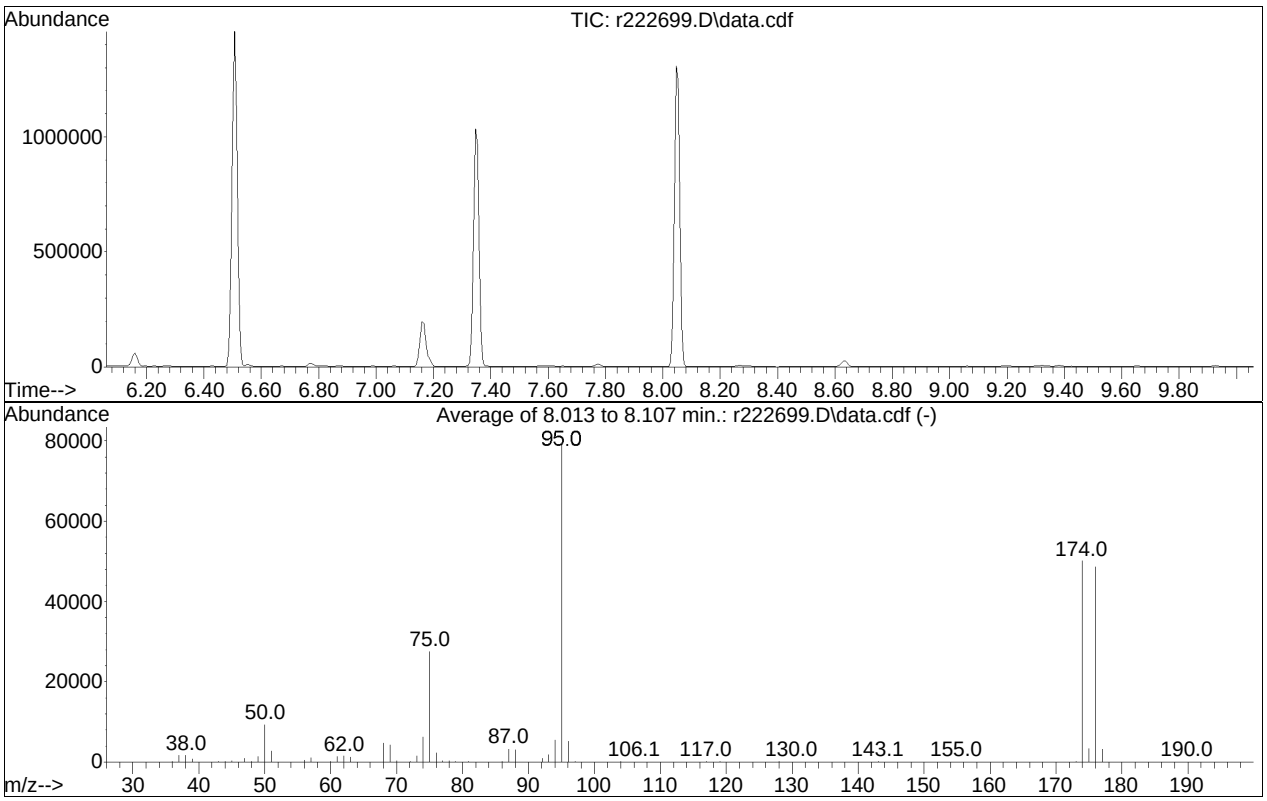
Manual Peak Response = 128300 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222699.D
Acq On : 28 Feb 2024 11:04 AM
Operator : AIRLAB22:JMB
Sample : WG1890350-1,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Dec 01 08:46:43 2023



Spectrum Information: Average of 8.013 to 8.107 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	11.7	9316	PASS
75	95	30	66	34.7	27604	PASS
95	95	100	100	100.0	79585	PASS
96	95	5	9	6.6	5262	PASS
173	174	0.00	2	0.4	211	PASS
174	95	50	120	63.1	50182	PASS
175	174	4	9	6.6	3337	PASS
176	174	93	101	96.9	48618	PASS
177	176	5	9	6.6	3192	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222703.D
Acq On : 28 Feb 2024 1:55 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-4,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:21:22 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.470	49	224744	10.000	ppbV	0.02
Standard Area = 218491			Recovery = 102.86%			
43) 1,4-difluorobenzene	5.390	114	713165	10.000	ppbV	0.01
Standard Area = 693129			Recovery = 102.89%			
67) chlorobenzene-D5	7.360	54	85523	10.000	ppbV	# 0.01
Standard Area = 86392			Recovery = 98.99%			
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	2.773	31	5353	1.483	ppbV	# 83
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.998	43	1715	0.237	ppbV	# 82
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	3.109		0	N.D.		
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	3.400		0	N.D.		
28) methylene chloride	3.435		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		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	4.183		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 : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222703.D
Acq On : 28 Feb 2024 1:55 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-4,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:21:22 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.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	6.167		0	N.D.		
65) trans-1,3-dichloropropene	6.353		0	N.D.		
66) 1,1,2-trichloroethane	6.520		0	N.D.		
68) toluene	6.560		0	N.D.		
72) 2-hexanone	6.687		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	6.867		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	7.547		0	N.D.		
83) m+p-xylene	7.627		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	7.793		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	8.440		0	N.D.		
97) 1,3,5-trimethylbenzene	8.480		0	N.D.		
99) 1,2,4-trimethylbenzene	8.690		0	N.D.		
101) Benzyl Chloride	8.763		0	N.D.		
102) 1,3-dichlorobenzene	8.770		0	N.D.		
103) 1,4-dichlorobenzene	8.803		0	N.D.		
107) 1,2-dichlorobenzene	8.977		0	N.D.		
115) 1,2,4-trichlorobenzene	9.873		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222703.D
Acq On : 28 Feb 2024 1:55 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-4,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:21:22 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

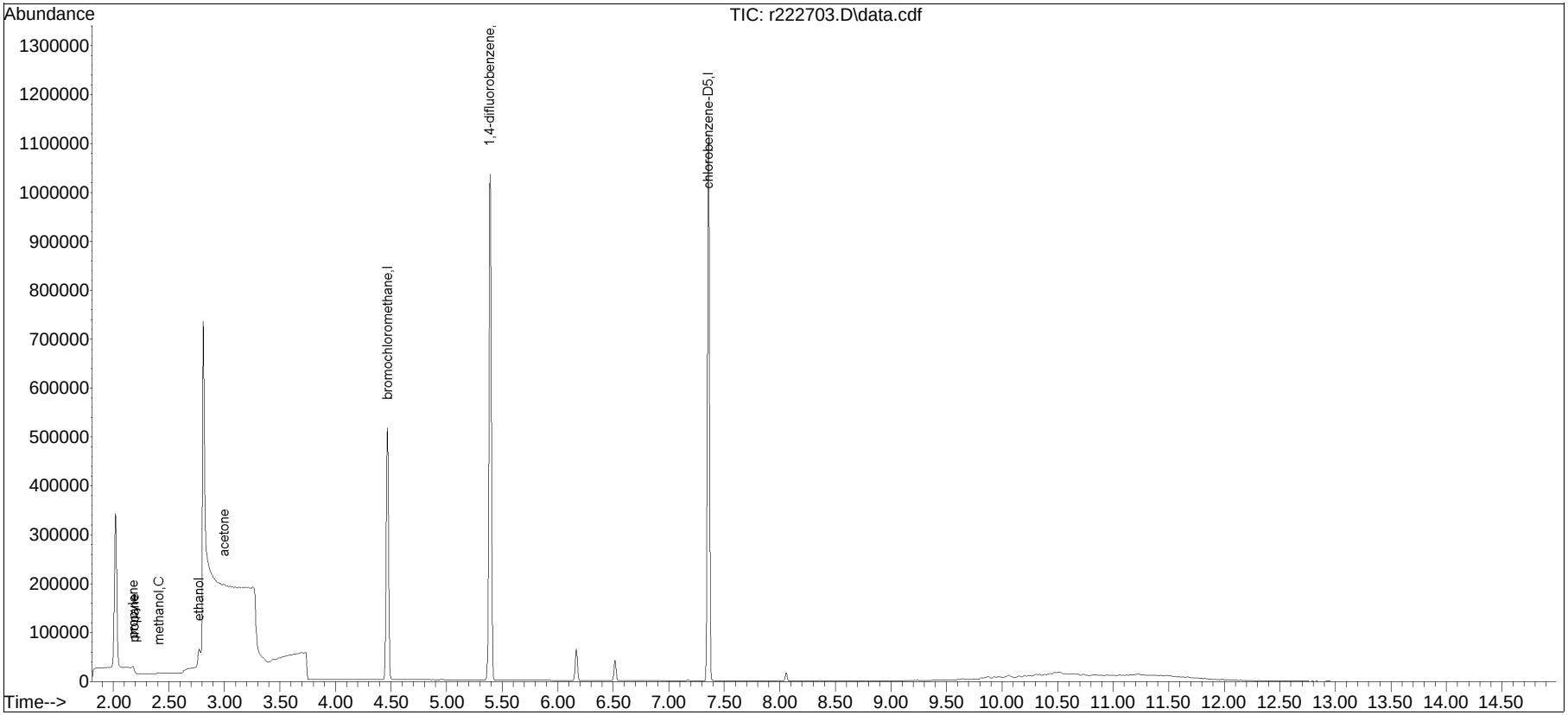
CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

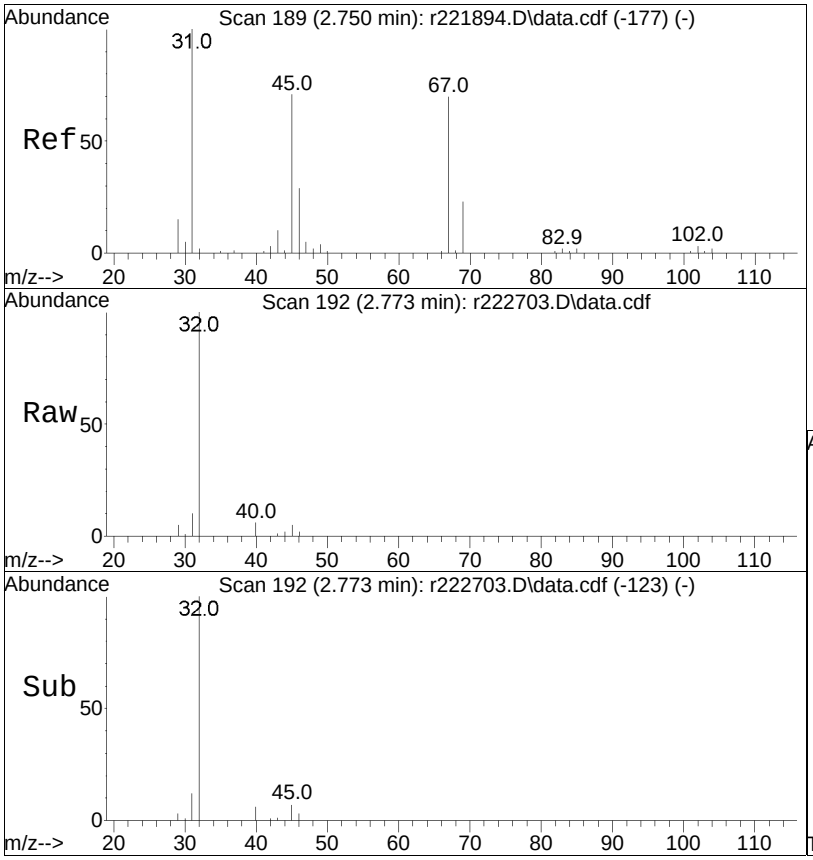
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed8T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222703.D
Acq On : 28 Feb 2024 1:55 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-4,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:21:22 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

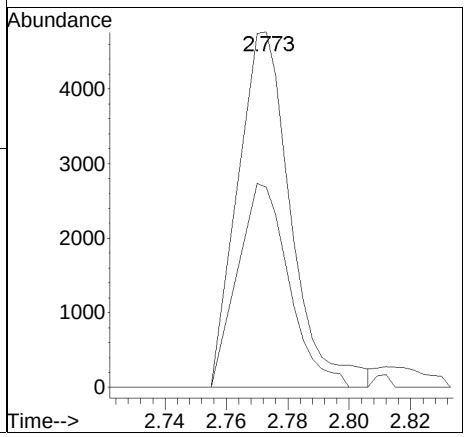


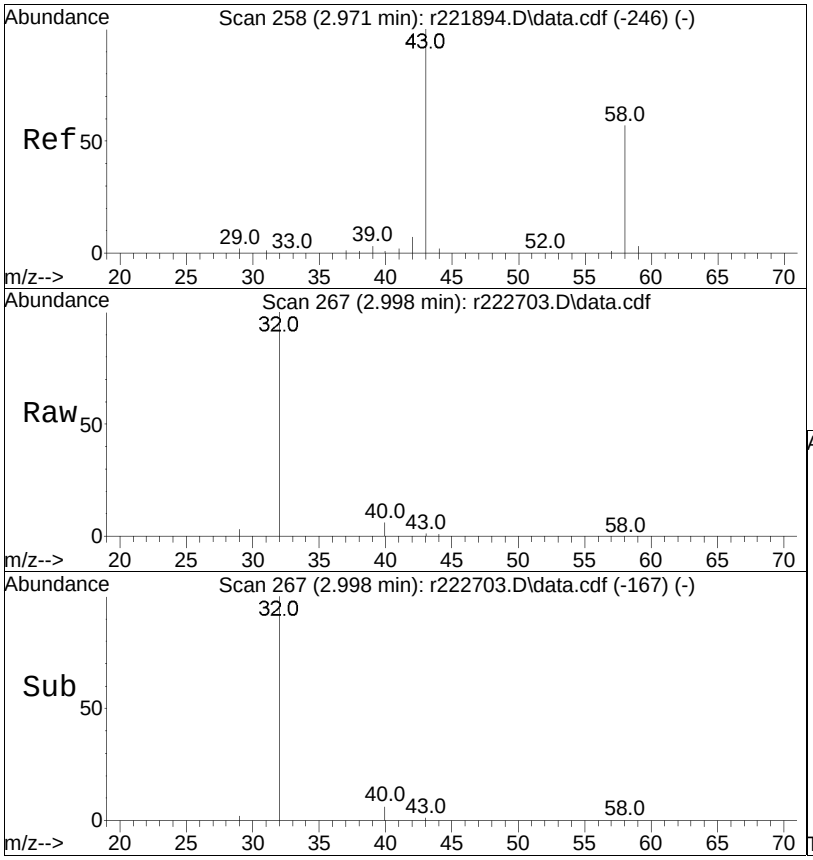


#15
ethanol
Concen: 1.48 ppbV
RT: 2.773 min Scan# 192
Delta R.T. 0.023 min
Lab File: r222703.D
Acq: 28 Feb 2024 1:55 PM

Tgt Ion: 31 Resp: 5353

Ion	Ratio	Lower	Upper
31	100		
45	56.3	56.6	84.8#

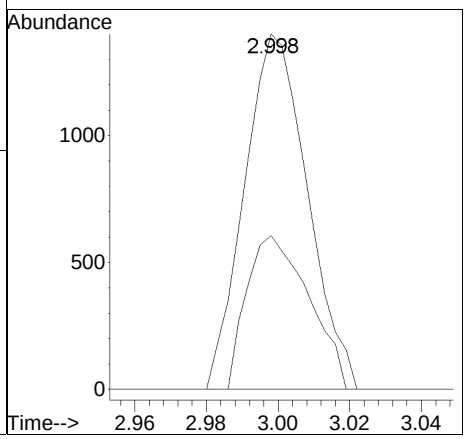




#19
acetone
Concen: 0.24 ppbV
RT: 2.998 min Scan# 267
Delta R.T. 0.027 min
Lab File: r222703.D
Acq: 28 Feb 2024 1:55 PM

Tgt Ion: 43 Resp: 1715

Ion	Ratio	Lower	Upper
43	100		
58	43.3	45.5	68.3#
57	0.0	1.0	1.6#



Manual Integration Report

Data Path	: O:\Forensics\Data\Airlab22	QMethod	: TFS22_231129.M
Data File	: r222703.D	Operator	: AIRLAB22:JMB
Date Inj'd	: 2/28/2020 0:1: 5	Instrument	:
Sample	: WG1890350-4,3,250,250	Quant Date	: 2/29/2024 6:21 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	113	0.01
2		chlorodifluoromethane	10.000	11.820	-18.2	123	0.02
3		propylene	10.000	10.893	-8.9	134	0.02
4		propane	10.000	9.045	9.6	110	0.02
5		dichlorodifluoromethane	10.000	10.040	-0.4	120	0.02
6	C	chloromethane	10.000	9.545	4.6	110	0.02
7		Freon-114	10.000	10.890	-8.9	120	0.02
8	C	methanol	50.000	44.987	10.0	102	0.02
9	C	vinyl chloride	10.000	10.113	-1.1	113	0.02
10	C	1,3-butadiene	10.000	11.297	-13.0	129	0.02
11		butane	10.000	10.941	-9.4	126	0.01
13	C	bromomethane	10.000	10.166	-1.7	114	0.02
14	C	chloroethane	10.000	12.467	-24.7	141	0.02
15		ethanol	50.000	38.689	22.6	83	0.02
16		dichlorofluoromethane	10.000	6.203	38.0#	74	0.02
17	C	vinyl bromide	10.000	10.326	-3.3	117	0.02
18	C	acrolein	10.000	10.063	-0.6	112	0.02
19		acetone	50.000	57.067	-14.1	134	0.02
20	C	acetonitrile	10.000	10.562	-5.6	124	0.02
21		trichlorofluoromethane	10.000	9.885	1.2	111	0.02
22		isopropyl alcohol	25.000	25.341	-1.4	120	0.02
23	C	acrylonitrile	10.000	10.273	-2.7	118	0.02
24		pentane	10.000	10.676	-6.8	122	0.02
25		ethyl ether	10.000	11.863	-18.6	136	0.02
26	C	1,1-dichloroethene	10.000	11.356	-13.6	123	0.02
27		tertiary butyl alcohol	10.000	9.837	1.6	106	0.01
28	C	methylene chloride	10.000	9.208	7.9	104	0.02
29	C	3-chloropropene	10.000	10.874	-8.7	125	0.02
30	C	carbon disulfide	10.000	9.217	7.8	105	0.02
31		Freon 113	10.000	9.438	5.6	105	0.02
32		trans-1,2-dichloroethene	10.000	9.905	1.0	112	0.01
33	C	1,1-dichloroethane	10.000	9.422	5.8	105	0.02
34	C	MTBE	10.000	10.003	-0.0	112	0.02
35	C	vinyl acetate	10.000	9.006	9.9	103	0.01
36	C	2-butanone	10.000	9.699	3.0	107	0.01
37		cis-1,2-dichloroethene	10.000	9.646	3.5	107	0.01
38		Ethyl Acetate	10.000	10.682	-6.8	117	0.02
39	C	chloroform	10.000	9.623	3.8	105	0.02
40		Tetrahydrofuran	10.000	10.110	-1.1	115	0.01

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	9.555	4.5	103	0.02
42	C	1,2-dichloroethane	10.000	9.808	1.9	111	0.01
43	I	1,4-difluorobenzene	10.000	10.000	0.0	102	0.01
44	C	hexane	10.000	11.783	-17.8	118	0.02
45		diisopropyl ether	10.000	10.123	-1.2	99	0.02
46		tert-butyl ethyl ether	10.000	10.684	-6.8	105	0.02
48	C	1,1,1-trichloroethane	10.000	10.661	-6.6	105	0.01
49		1,1-dichloropropene	10.000	10.631	-6.3	105	0.01
50	C	benzene	10.000	9.779	2.2	97	0.01
52	C	carbon tetrachloride	10.000	10.579	-5.8	103	0.01
53		cyclohexane	10.000	11.334	-13.3	118	0.01
54		tert-amyl methyl ether	10.000	9.985	0.2	99	0.01
55		dibromomethane	10.000	10.331	-3.3	101	0.01
56	C	1,2-dichloropropane	10.000	10.598	-6.0	103	0.01
57		bromodichloromethane	10.000	12.087	-20.9	119	0.01
58	C	1,4-dioxane	10.000	11.095	-11.0	110	0.01
59	C	trichloroethene	10.000	9.858	1.4	95	0.01
60	C	2,2,4-trimethylpentane	10.000	11.939	-19.4	119	0.00
61		methyl methacrylate	10.000	12.492	-24.9	120	0.01
62		heptane	10.000	12.036	-20.4	120	0.01
63	C	cis-1,3-dichloropropene	10.000	10.627	-6.3	103	0.00
64	C	4-methyl-2-pentanone	10.000	12.412	-24.1	120	0.01
65		trans-1,3-dichloropropene	10.000	10.170	-1.7	101	0.01
66	C	1,1,2-trichloroethane	10.000	10.049	-0.5	99	0.01
67	I	chlorobenzene-D5	10.000	10.000	0.0	124	0.00
68	C	toluene	10.000	8.237	17.6	99	0.01
71		1,3-dichloropropane	10.000	8.346	16.5	100	0.00
72		2-hexanone	10.000	9.335	6.6	114	0.00
74		dibromochloromethane	10.000	9.199	8.0	112	0.01
75	C	1,2-dibromoethane	10.000	8.182	18.2	99	0.00
76		butyl acetate	10.000	7.948	20.5	95	0.00
77		octane	10.000	8.526	14.7	101	0.01
78	C	tetrachloroethene	10.000	8.124	18.8	96	0.00
79		1,1,1,2-tetrachloroethane	10.000	8.352	16.5	99	0.00
80	C	chlorobenzene	10.000	8.218	17.8	97	0.00
81	C	ethylbenzene	10.000	8.290	17.1	98	0.00
83	C	m+p-xylene	20.000	17.338	13.3	101	0.01

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
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	9.060	9.4	108	0.01
85	C	styrene	10.000	8.134	18.7	95	0.01
86	C	1,1,2,2-tetrachloroethane	10.000	8.952	10.5	104	0.01
87	C	o-xylene	10.000	8.950	10.5	104	0.00
88		1,2,3-trichloropropane	10.000	8.511	14.9	102	0.00
89		nonane	10.000	9.155	8.5	108	0.00
91	C	isopropylbenzene	10.000	8.807	11.9	103	0.01
92		bromobenzene	10.000	8.872	11.3	105	0.00
93		2-chlorotoluene	10.000	8.138	18.6	95	0.00
94		n-propylbenzene	10.000	8.438	15.6	96	0.00
95		4-chlorotoluene	10.000	8.152	18.5	95	0.00
96		4-ethyl toluene	10.000	9.068	9.3	107	0.00
97		1,3,5-trimethylbenzene	10.000	8.750	12.5	101	0.01
98		tert-butylbenzene	10.000	8.921	10.8	103	0.00
99		1,2,4-trimethylbenzene	10.000	9.054	9.5	105	0.00
100		decane	10.000	9.284	7.2	107	0.00
101	C	Benzyl Chloride	10.000	9.119	8.8	101	0.00
102		1,3-dichlorobenzene	10.000	8.047	19.5	92	0.00
103	C	1,4-dichlorobenzene	10.000	8.124	18.8	91	0.00
104		sec-butylbenzene	10.000	8.840	11.6	101	0.00
106		p-isopropyltoluene	10.000	8.747	12.5	100	0.00
107		1,2-dichlorobenzene	10.000	7.885	21.2	89	0.00
108		n-butylbenzene	10.000	9.104	9.0	104	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	9.323	6.8	109	0.01
112		undecane	10.000	9.467	5.3	105	0.00
114		dodecane	10.000	9.385	6.2	100	0.00
115	C	1,2,4-trichlorobenzene	10.000	7.439	25.6	77	0.00
116		naphthalene	10.000	9.057	9.4	96	0.00
117		1,2,3-trichlorobenzene	10.000	8.274	17.3	87	0.00
119	C	hexachlorobutadiene	10.000	7.763	22.4	87	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 : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.463	49	218491	10.000	ppbV	0.01
Standard Area = 218491			Recovery = 100.00%			
43) 1,4-difluorobenzene	5.390	114	693129	10.000	ppbV	0.01
Standard Area = 693129			Recovery = 100.00%			
67) chlorobenzene-D5	7.353	54	86392	10.000	ppbV	0.00
Standard Area = 86392			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.220	85	176669	10.040	ppbV	99
6) chloromethane	2.325	50	91136	9.545	ppbV	99
7) Freon-114	2.385	85	277583	10.890	ppbV	95
9) vinyl chloride	2.455	62	123307	10.113	ppbV	100
10) 1,3-butadiene	2.525	54	101746	11.297	ppbV	94
13) bromomethane	2.650	94	87720	10.166	ppbV	100
14) chloroethane	2.730	64	58364	12.467	ppbV	98
15) ethanol	2.770	31	135774	38.689	ppbV	100
17) vinyl bromide	2.884	106	81022	10.326	ppbV	98
19) acetone	2.989	43	401148	57.067	ppbV	98
21) trichlorofluoromethane	3.076	101	92780	9.885	ppbV	99
22) isopropyl alcohol	3.097	45	295338	25.341	ppbV	99
26) 1,1-dichloroethene	3.375	61	205107	11.356	ppbV	94
27) tertiary butyl alcohol	3.385	59	258237	9.837	ppbV	99
28) methylene chloride	3.430	49	159481	9.208	ppbV	98
29) 3-chloropropene	3.490	41	255132	10.874	ppbV	96
30) carbon disulfide	3.575	76	442551	9.217	ppbV	99
31) Freon 113	3.560	101	248428	9.438	ppbV	94
32) trans-1,2-dichloroethene	3.883	61	221265	9.905	ppbV	97
33) 1,1-dichloroethane	3.983	63	268604	9.422	ppbV	99
34) MTBE	4.010	73	414247	10.003	ppbV	97
36) 2-butanone	4.163	43	344063	9.699	ppbV	98
37) cis-1,2-dichloroethene	4.383	61	195935	9.646	ppbV	95
38) Ethyl Acetate	4.490	61	58964	10.682	ppbV	92
39) chloroform	4.530	83	241058	9.623	ppbV	99
40) Tetrahydrofuran	4.717	42	228273	10.110	ppbV	96
42) 1,2-dichloroethane	4.883	62	139682	9.808	ppbV	97
44) hexane	4.490	57	288826	11.783	ppbV	88

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	5.003	97	204461	10.661	ppbV	97
50) benzene	5.223	78	505621	9.779	ppbV	99
52) carbon tetrachloride	5.297	117	181911	10.579	ppbV	99
53) cyclohexane	5.357	56	318076	11.334	ppbV	94
56) 1,2-dichloropropane	5.610	63	178874	10.598	ppbV	98
57) bromodichloromethane	5.703	83	271527	12.087	ppbV	99
58) 1,4-dioxane	5.717	88	125198	11.095	ppbV	93
59) trichloroethene	5.723	130	201474	9.858	ppbV	98
60) 2,2,4-trimethylpentane	5.737	57	933792	11.939	ppbV	99
62) heptane	5.857	43	372085	12.036	ppbV	98
63) cis-1,3-dichloropropene	6.113	75	261931	10.627	ppbV	99
64) 4-methyl-2-pentanone	6.127	43	426657	12.412	ppbV	98
65) trans-1,3-dichloropropene	6.353	75	205730	10.170	ppbV	96
66) 1,1,2-trichloroethane	6.433	97	183633	10.049	ppbV	95
68) toluene	6.560	91	593598	8.237	ppbV	100
72) 2-hexanone	6.667	43	394612	9.335	ppbV	99
74) dibromochloromethane	6.753	129	263574	9.199	ppbV	100
75) 1,2-dibromoethane	6.860	107	259698	8.182	ppbV	99
78) tetrachloroethene	7.067	166	227151	8.124	ppbV	98
80) chlorobenzene	7.373	112	458019	8.218	ppbV	97
81) ethylbenzene	7.540	91	722600	8.290	ppbV	99
83) m+p-xylene	7.627	91	1176715	17.338	ppbV	97
84) bromoform	7.667	173	212832	9.060	ppbV	97
85) styrene	7.793	104	494759	8.134	ppbV	95
86) 1,1,2,2-tetrachloroethane	7.840	83	407275	8.952	ppbV	99
87) o-xylene	7.840	91	593110	8.950	ppbV	98
96) 4-ethyl toluene	8.440	105	887807	9.068	ppbV	99
97) 1,3,5-trimethylbenzene	8.480	105	701303	8.750	ppbV	96
99) 1,2,4-trimethylbenzene	8.683	105	693460	9.054	ppbV	96
101) Benzyl Chloride	8.757	91	419303	9.119	ppbV	97
102) 1,3-dichlorobenzene	8.770	146	452612	8.047	ppbV	95
103) 1,4-dichlorobenzene	8.803	146	438237	8.124	ppbV	94
107) 1,2-dichlorobenzene	8.977	146	416809	7.885	ppbV	94
115) 1,2,4-trichlorobenzene	9.865	180	308927	7.439	ppbV	96
119) hexachlorobutadiene	10.098	225	247432	7.763	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

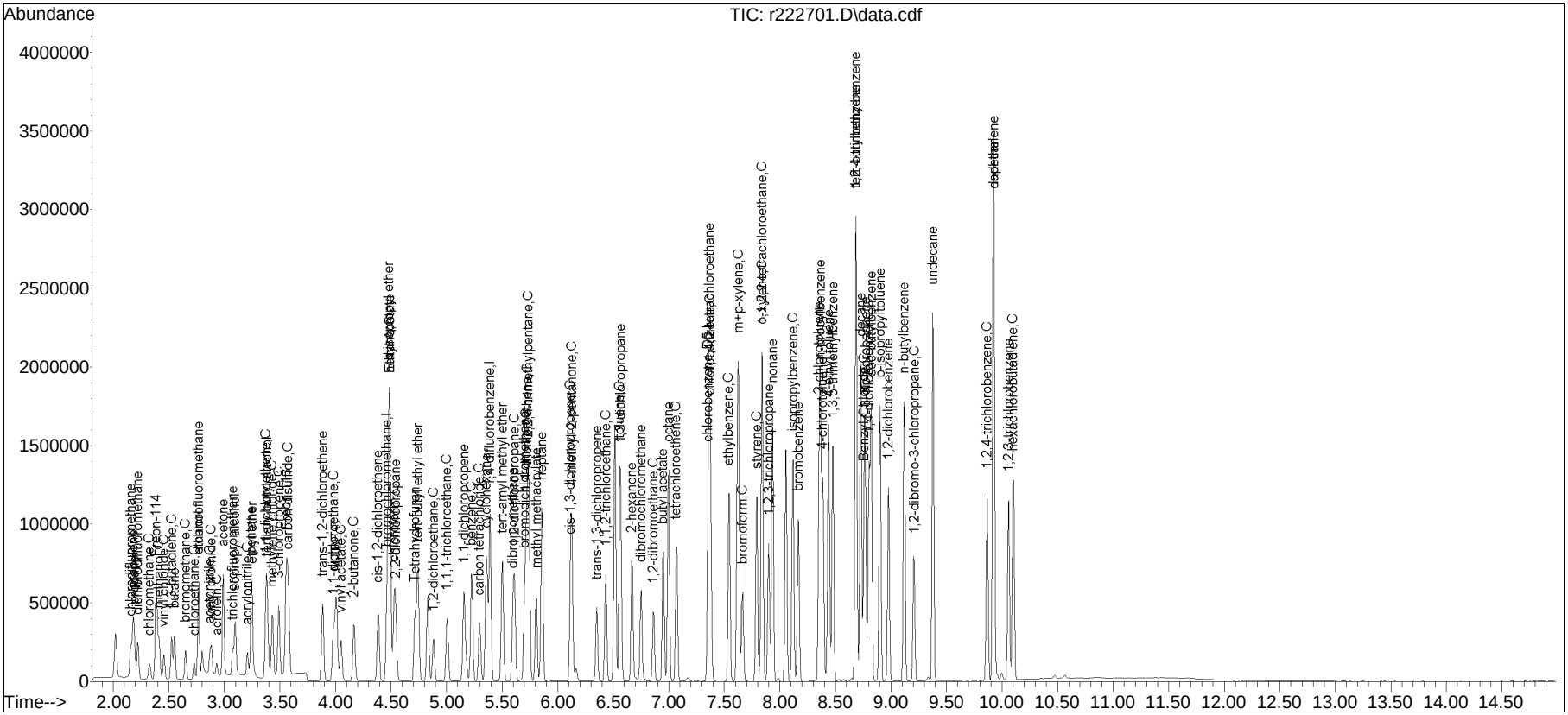
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Sub List : Default-LCS-AP2 - All compounds listed

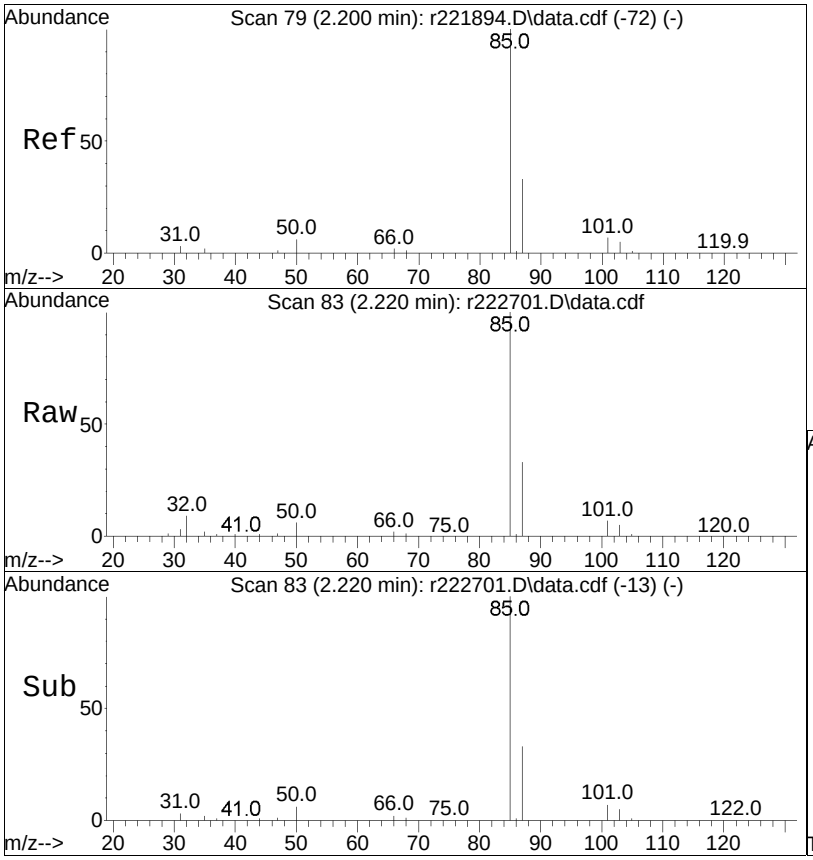
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed8T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222701.D
Acq On : 28 Feb 2024 12:10 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-3,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 28 12:35:48 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

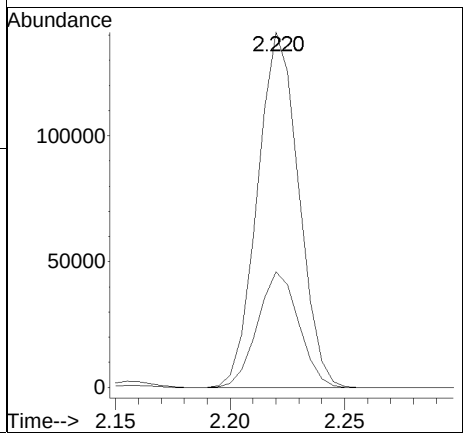


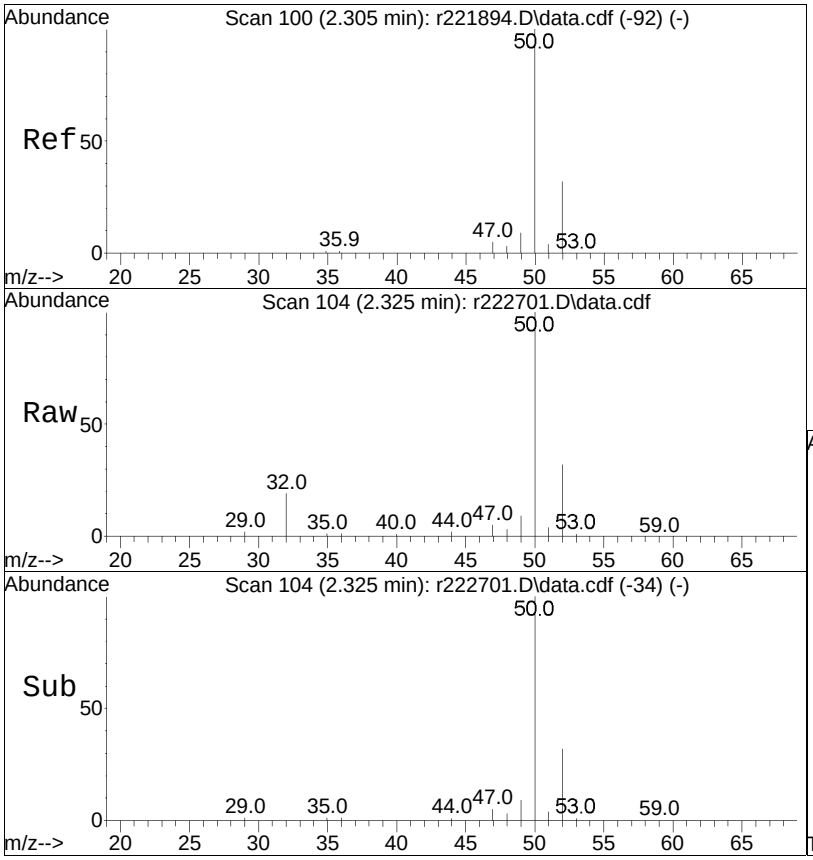


#5
dichlorodifluoromethane
Concen: 10.04 ppbV
RT: 2.220 min Scan# 83
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 85 Resp: 176669

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.3	39.5

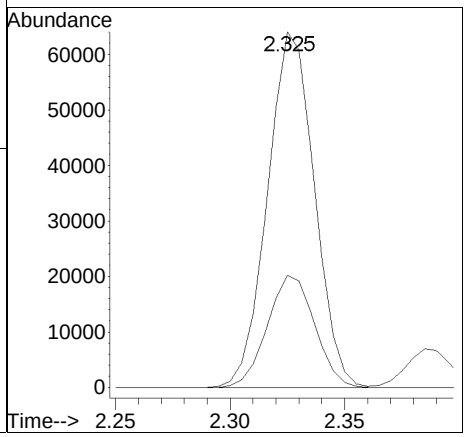


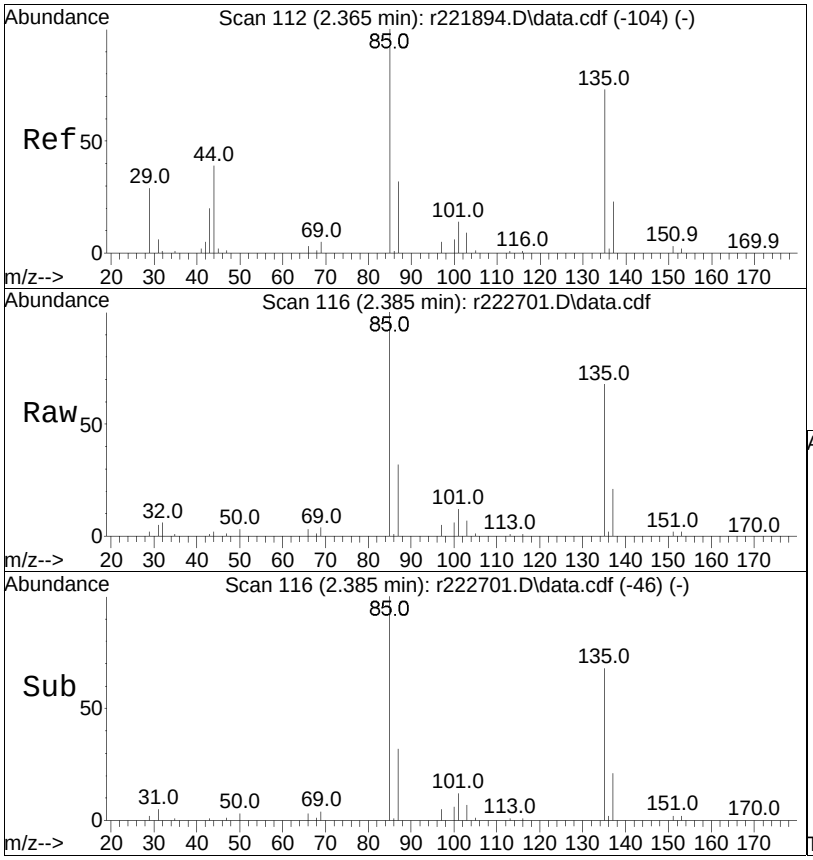


#6
chloromethane
Concen: 9.54 ppbV
RT: 2.325 min Scan# 104
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 50 Resp: 91136

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.5	38.3

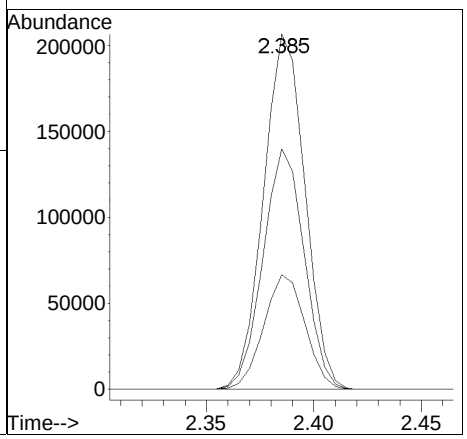


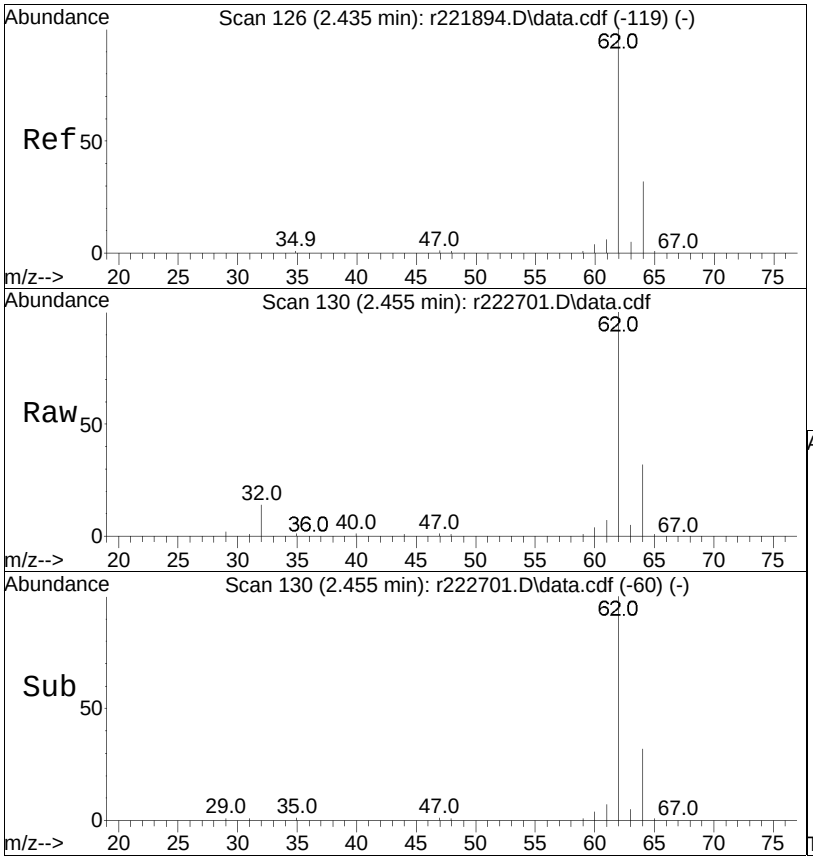


#7
Freon-114
Concen: 10.89 ppbV
RT: 2.385 min Scan# 116
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 85 Resp: 277583

Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.8	38.6
135	67.7	58.7	88.1

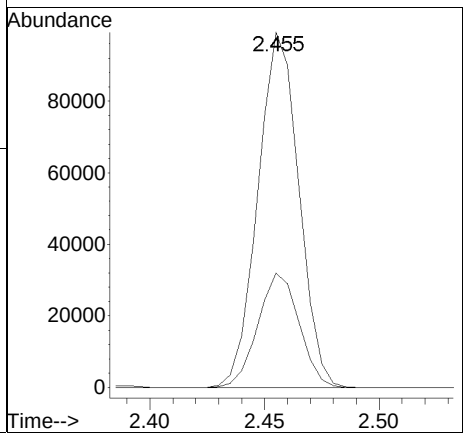


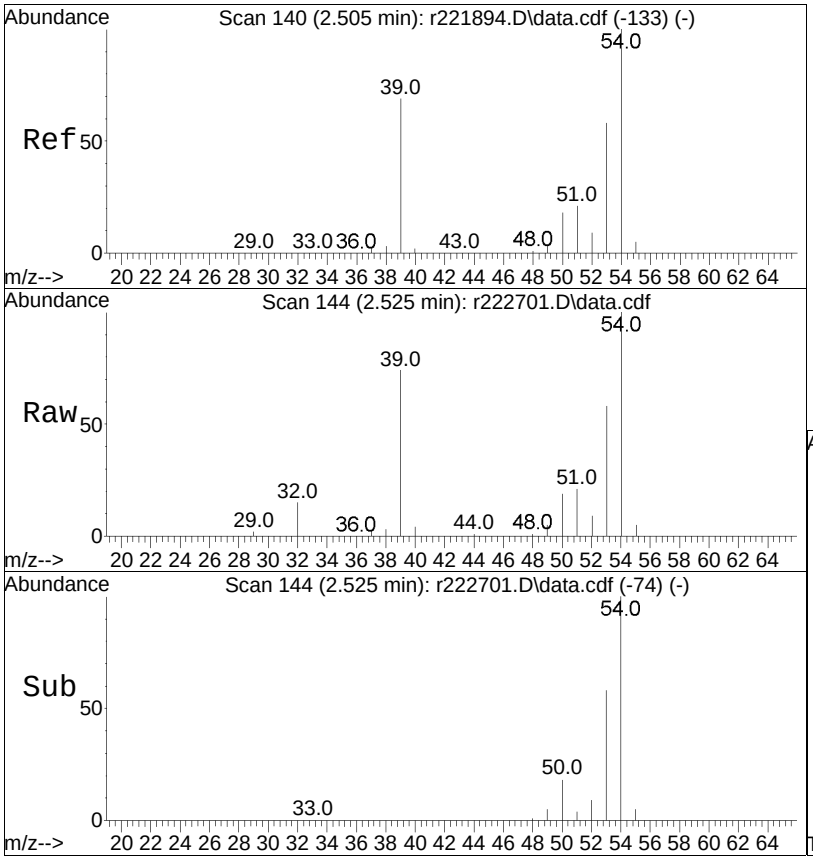


#9
vinyl chloride
Concen: 10.11 ppbV
RT: 2.455 min Scan# 130
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 62 Resp: 123307

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.7	38.5

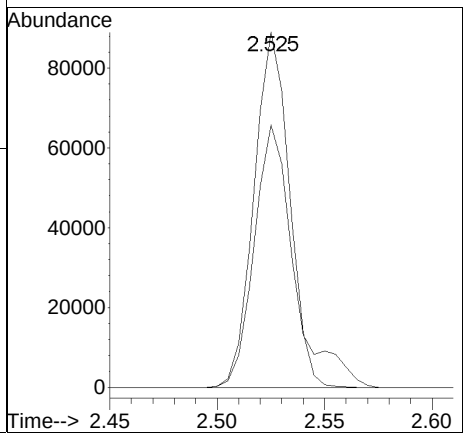


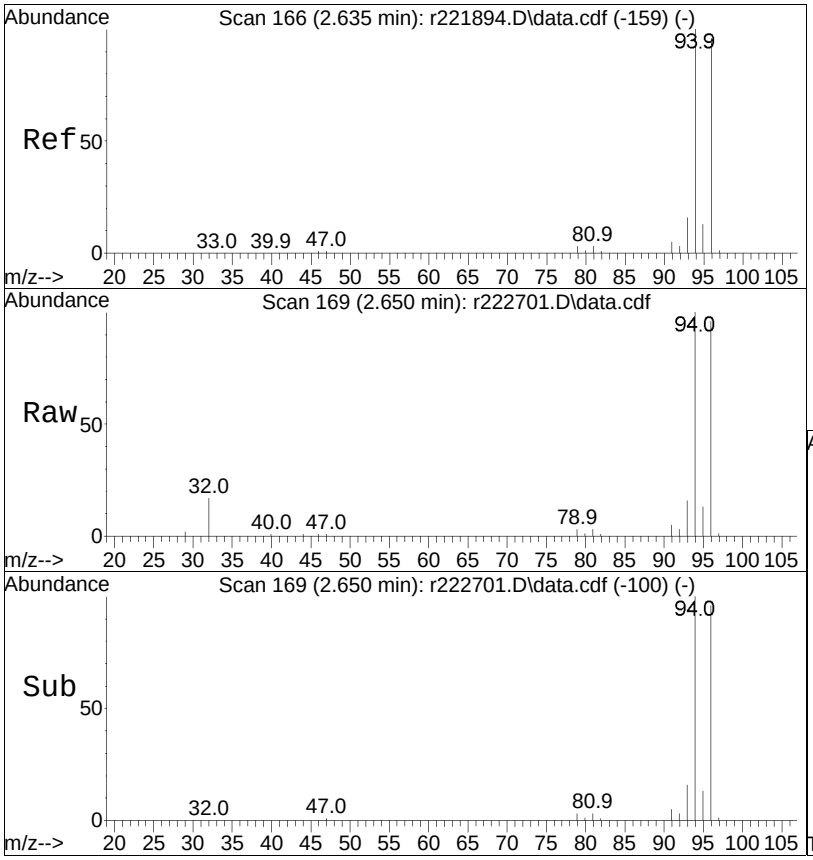


#10
1,3-butadiene
Concen: 11.30 ppbV
RT: 2.525 min Scan# 144
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 54 Resp: 101746

Ion	Ratio	Lower	Upper
54	100		
39	73.9	55.4	83.2

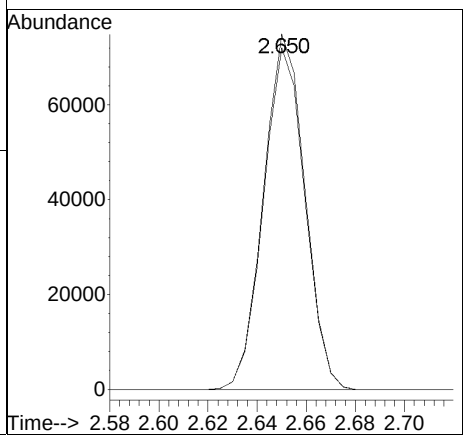


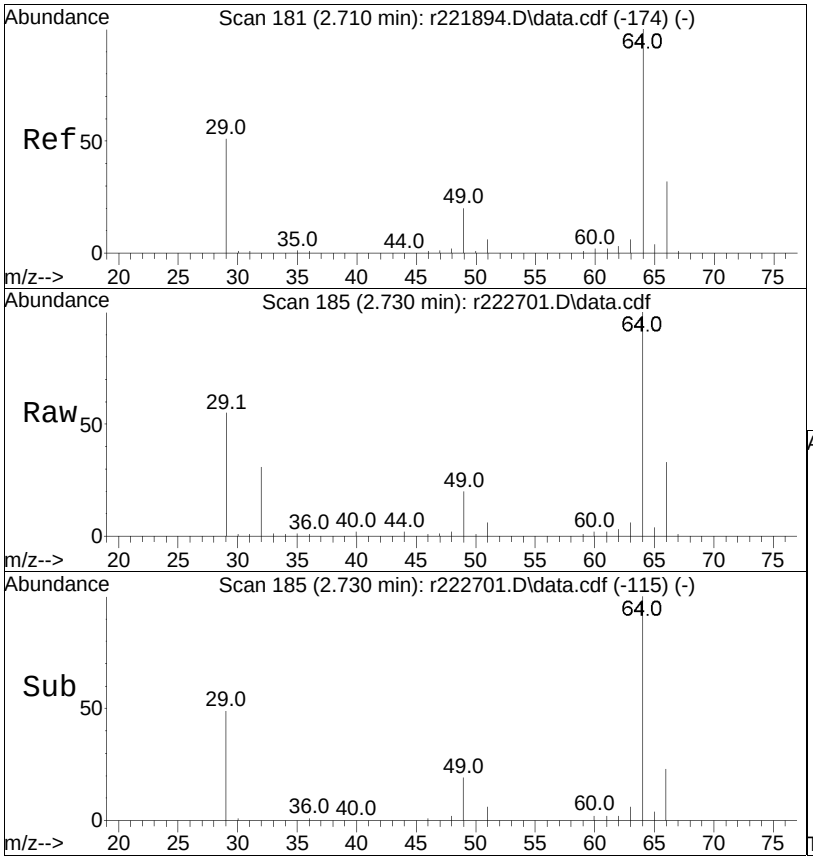


#13
bromomethane
Concen: 10.17 ppbV
RT: 2.650 min Scan# 169
Delta R.T. 0.015 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 94 Resp: 87720

Ion	Ratio	Lower	Upper
94	100		
96	96.2	77.1	115.7

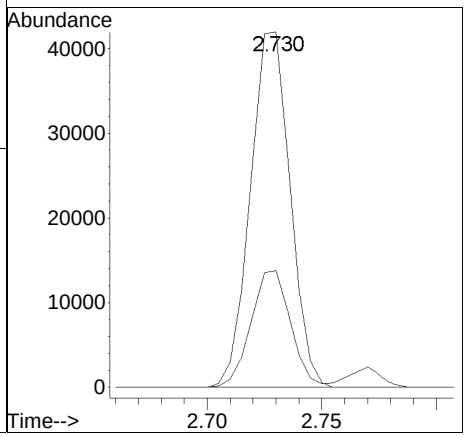


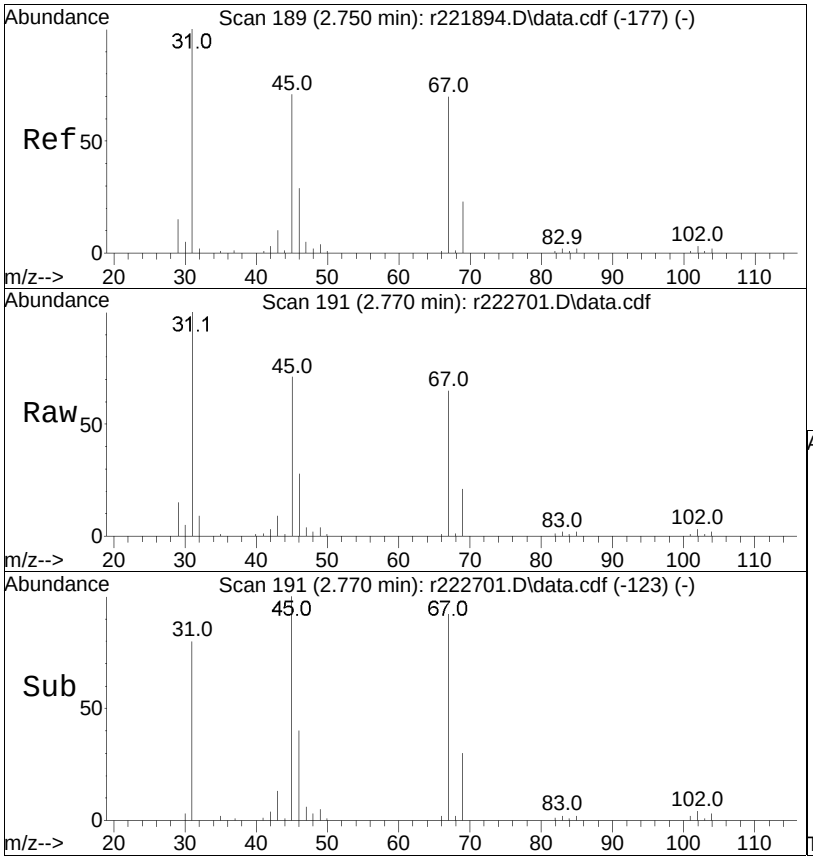


#14
chloroethane
Concen: 12.47 ppbV
RT: 2.730 min Scan# 185
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 64 Resp: 58364

Ion	Ratio	Lower	Upper
64	100		
66	32.9	25.4	38.0

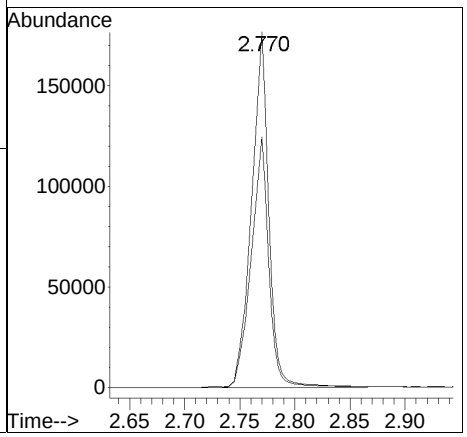


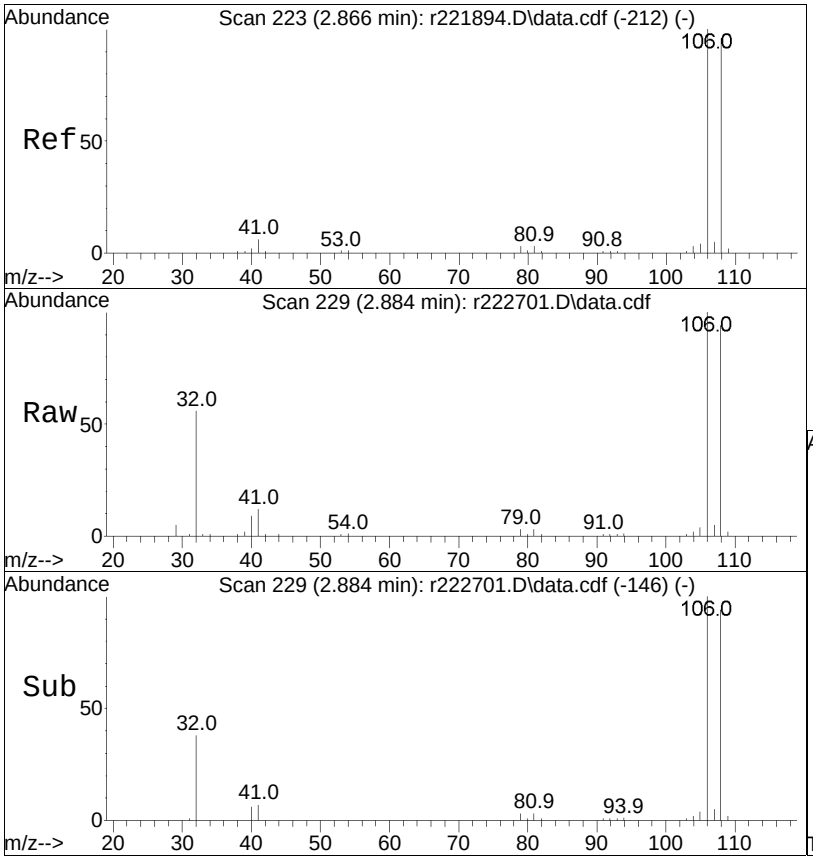


#15
ethanol
Concen: 38.69 ppbV
RT: 2.770 min Scan# 191
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 31 Resp: 135774

Ion	Ratio	Lower	Upper
31	100		
45	70.6	56.6	84.8

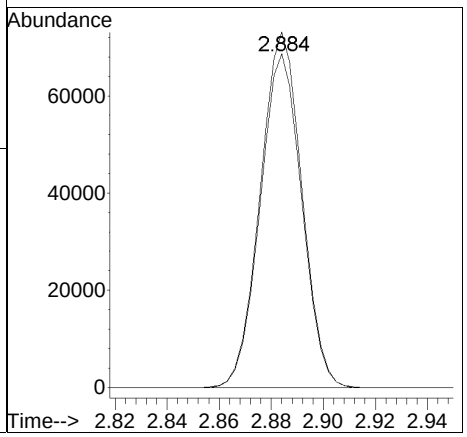


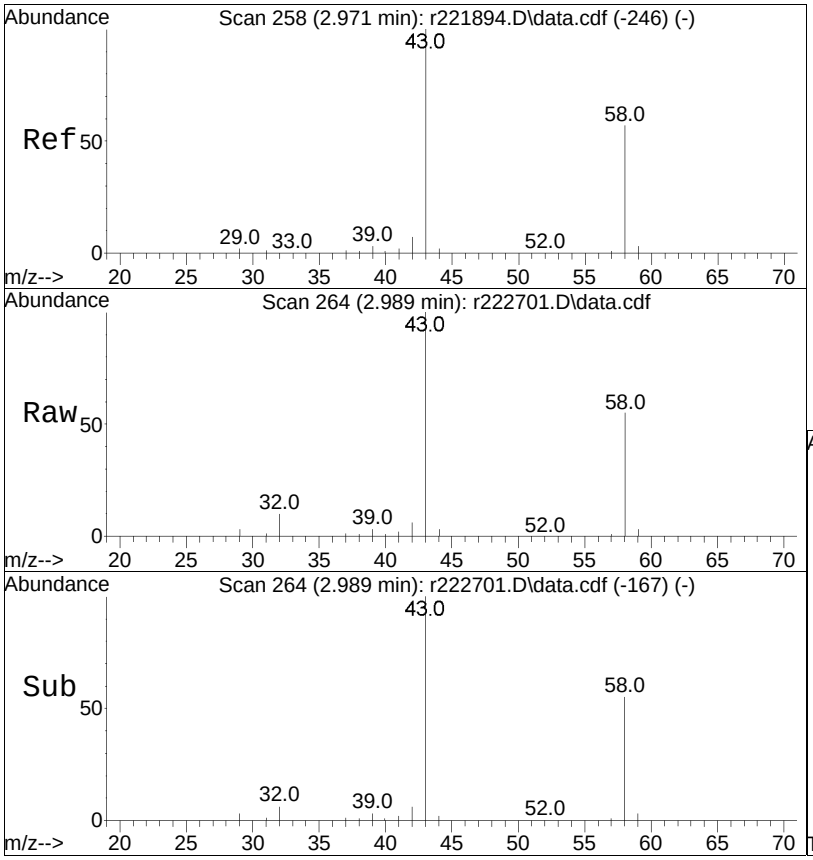


#17
vinyl bromide
Concen: 10.33 ppbV
RT: 2.884 min Scan# 229
Delta R.T. 0.018 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:106 Resp: 81022

Ion	Ratio	Lower	Upper
106	100		
108	93.9	76.7	115.1

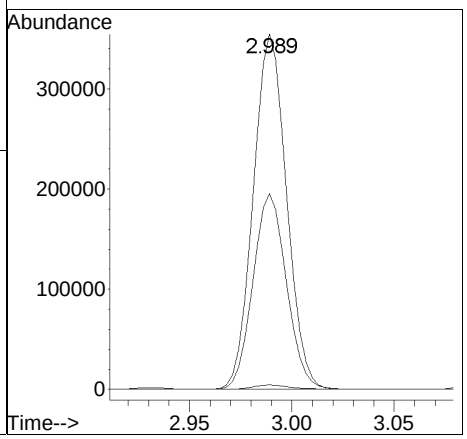


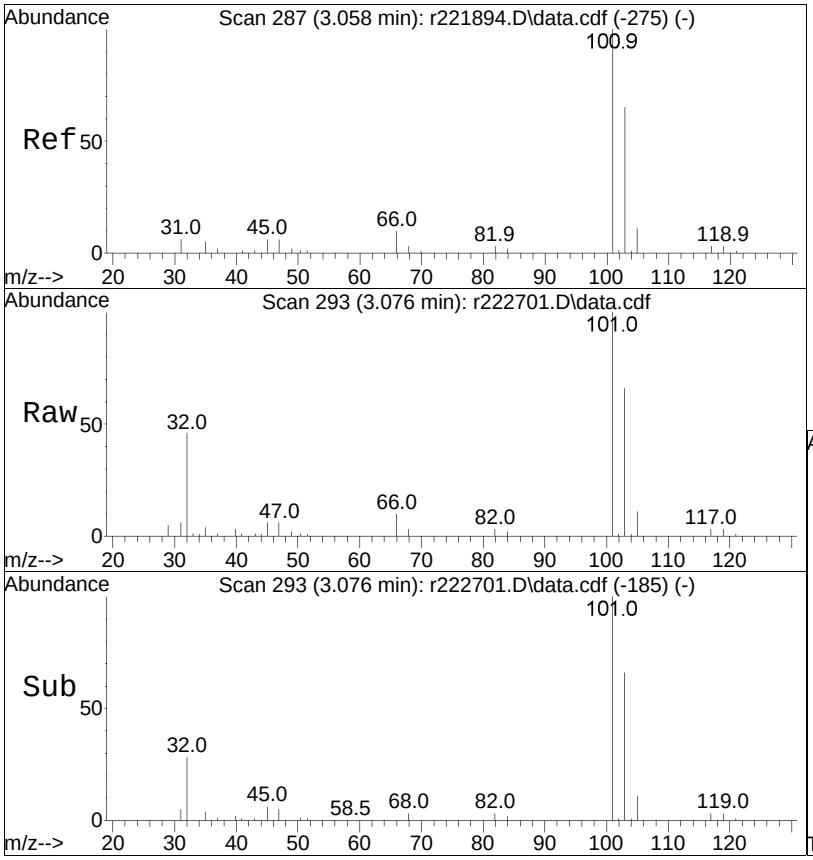


#19
acetone
Concen: 57.07 ppbV
RT: 2.989 min Scan# 264
Delta R.T. 0.018 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 43 Resp: 401148

Ion	Ratio	Lower	Upper
43	100		
58	55.1	45.5	68.3
57	1.2	1.0	1.6

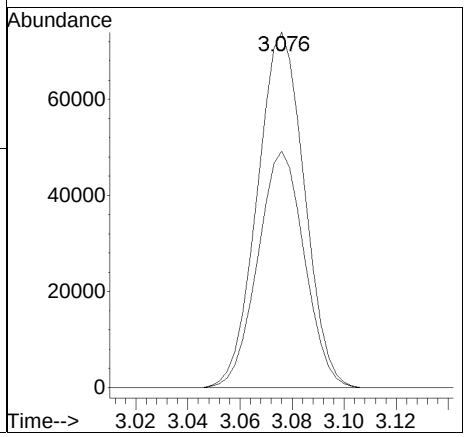


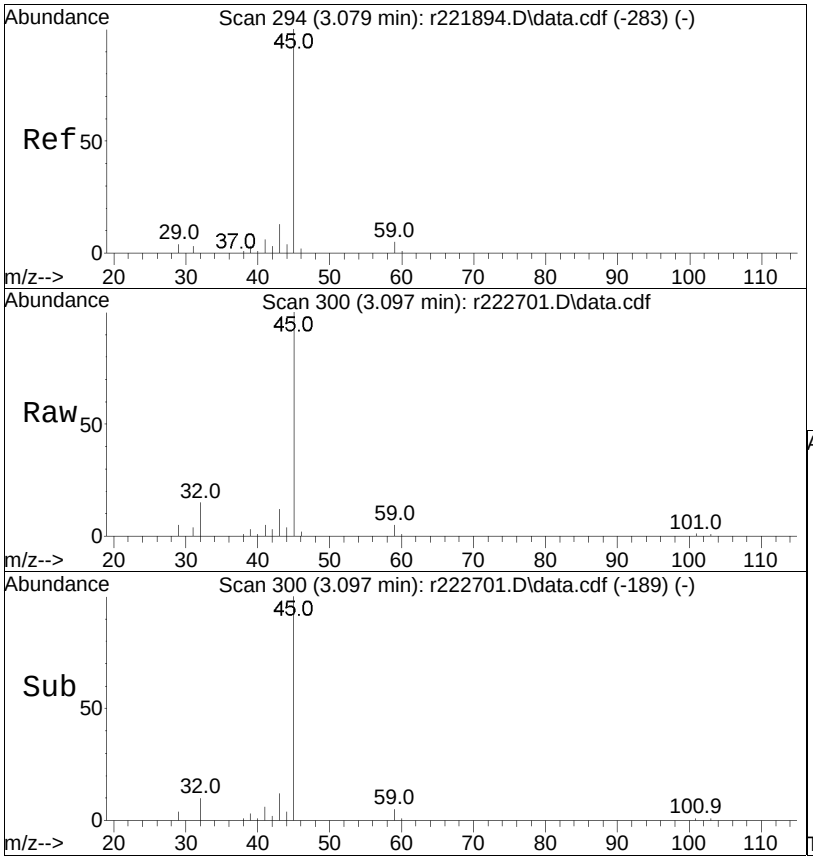


#21
trichlorofluoromethane
Concen: 9.88 ppbV
RT: 3.076 min Scan# 293
Delta R.T. 0.018 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:101 Resp: 92780

Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.2	78.4

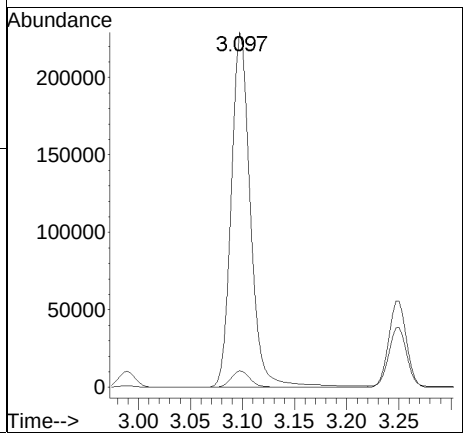


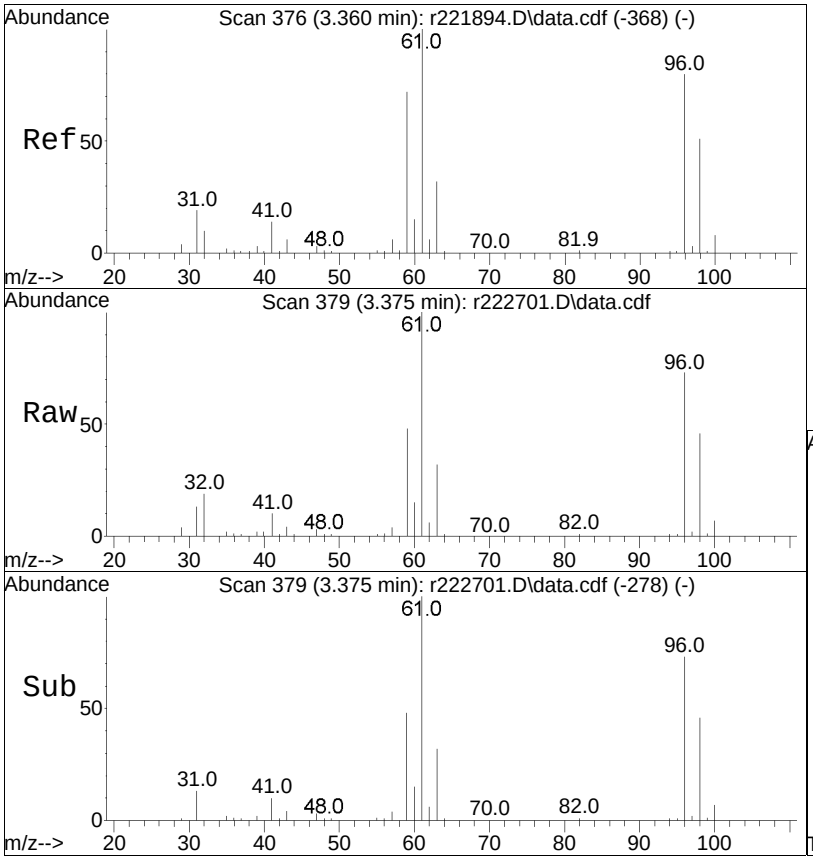


#22
isopropyl alcohol
Concen: 25.34 ppbV
RT: 3.097 min Scan# 300
Delta R.T. 0.018 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 45 Resp: 295338

Ion	Ratio	Lower	Upper
45	100		
59	4.7	4.0	6.0

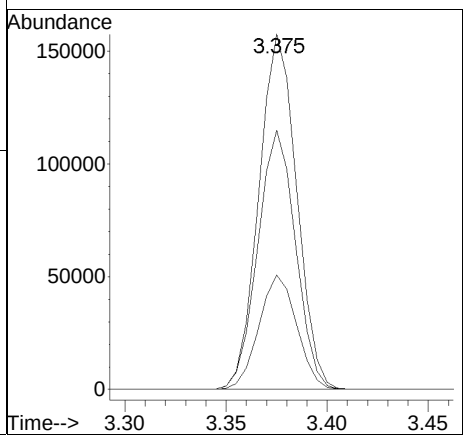


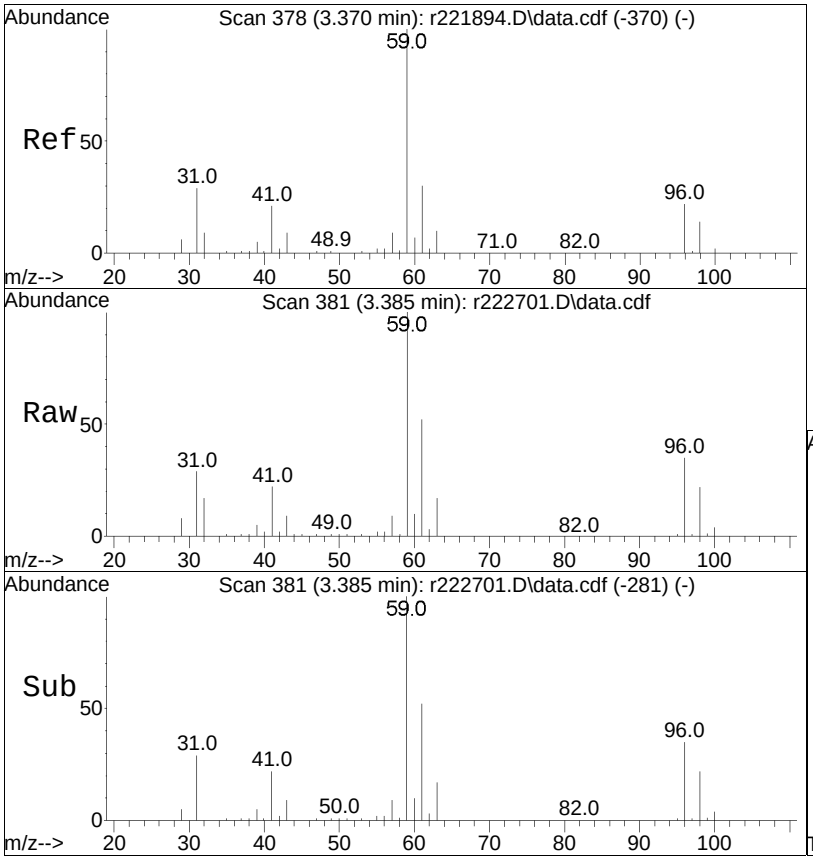


#26
1,1-dichloroethene
Concen: 11.36 ppbV
RT: 3.375 min Scan# 379
Delta R.T. 0.015 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 61 Resp: 205107

Ion	Ratio	Lower	Upper
61	100		
96	73.0	64.1	96.1
63	32.2	25.8	38.8

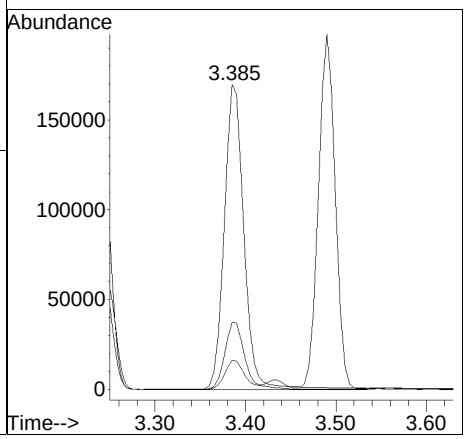


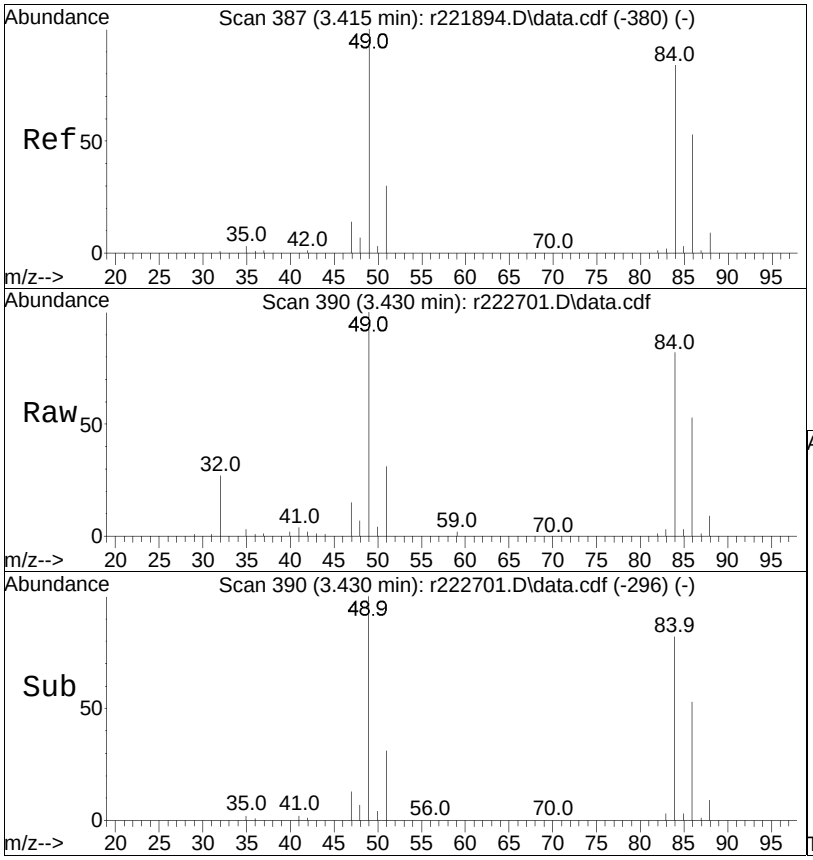


#27
tertiary butyl alcohol
Concen: 9.84 ppbV
RT: 3.385 min Scan# 381
Delta R.T. 0.015 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 59 Resp: 258237

Ion	Ratio	Lower	Upper
59	100		
41	22.0	16.9	25.3
43	9.5	7.5	11.3

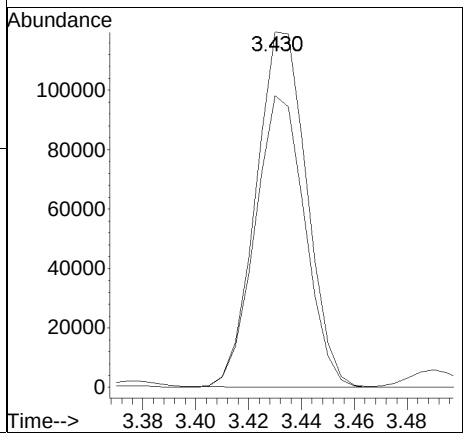


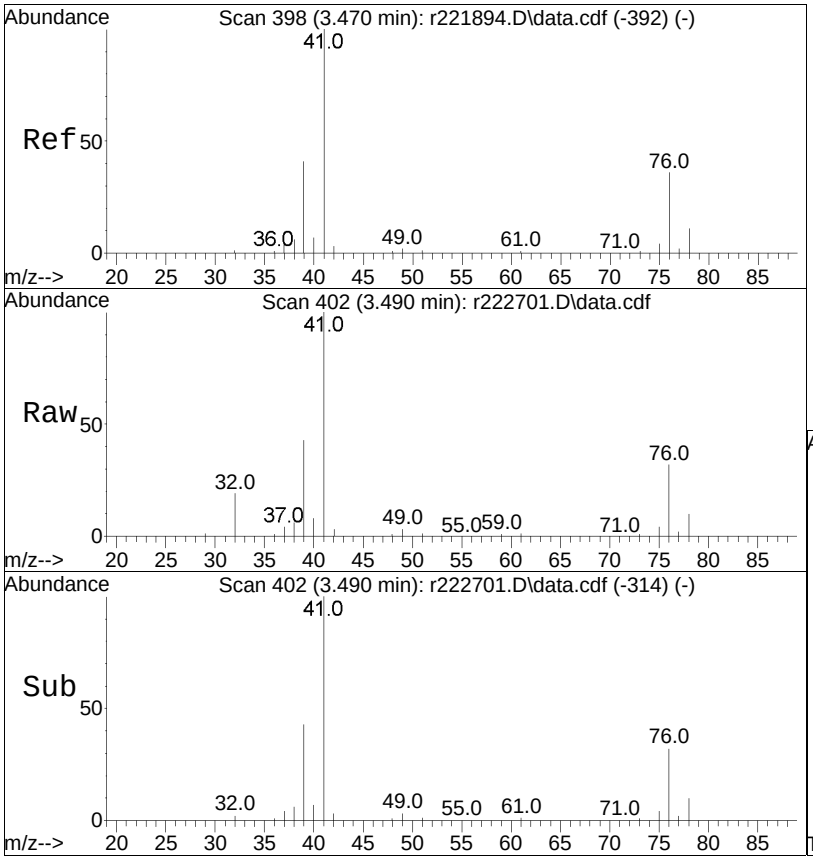


#28
methylene chloride
Concen: 9.21 ppbV
RT: 3.430 min Scan# 390
Delta R.T. 0.015 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 49 Resp: 159481

Ion	Ratio	Lower	Upper
49	100		
84	82.1	67.2	100.8

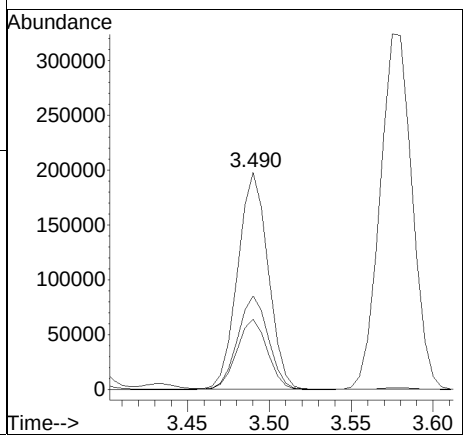


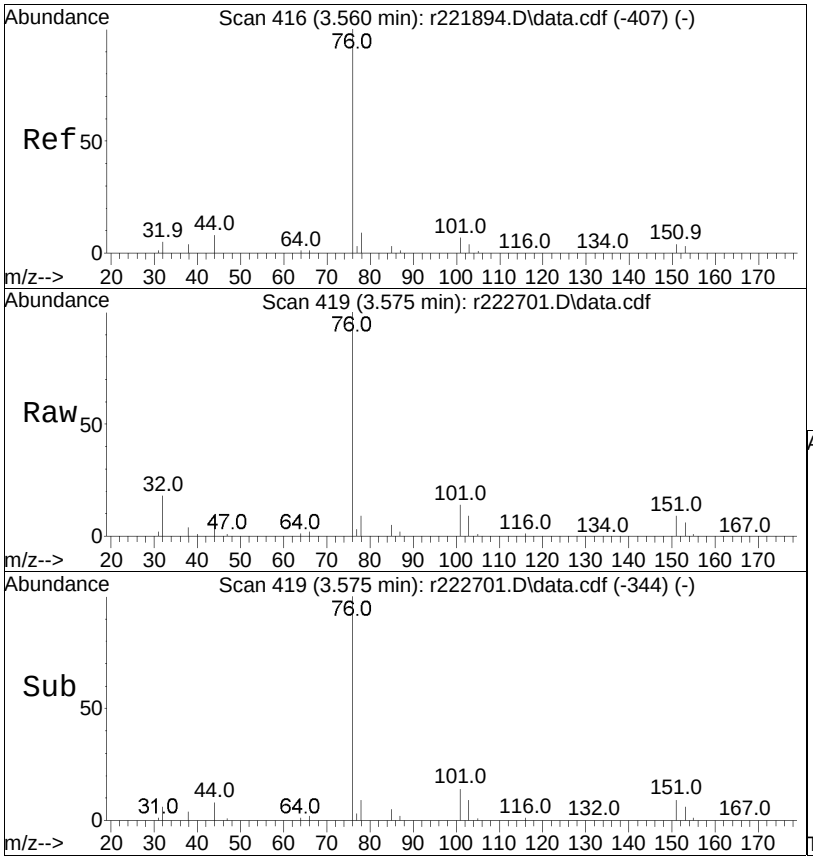


#29
3-chloropropene
Concen: 10.87 ppbV
RT: 3.490 min Scan# 402
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 41 Resp: 255132

Ion	Ratio	Lower	Upper
41	100		
39	43.2	33.0	49.6
76	32.4	28.3	42.5

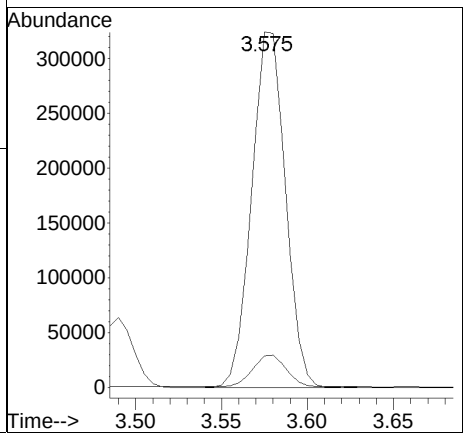


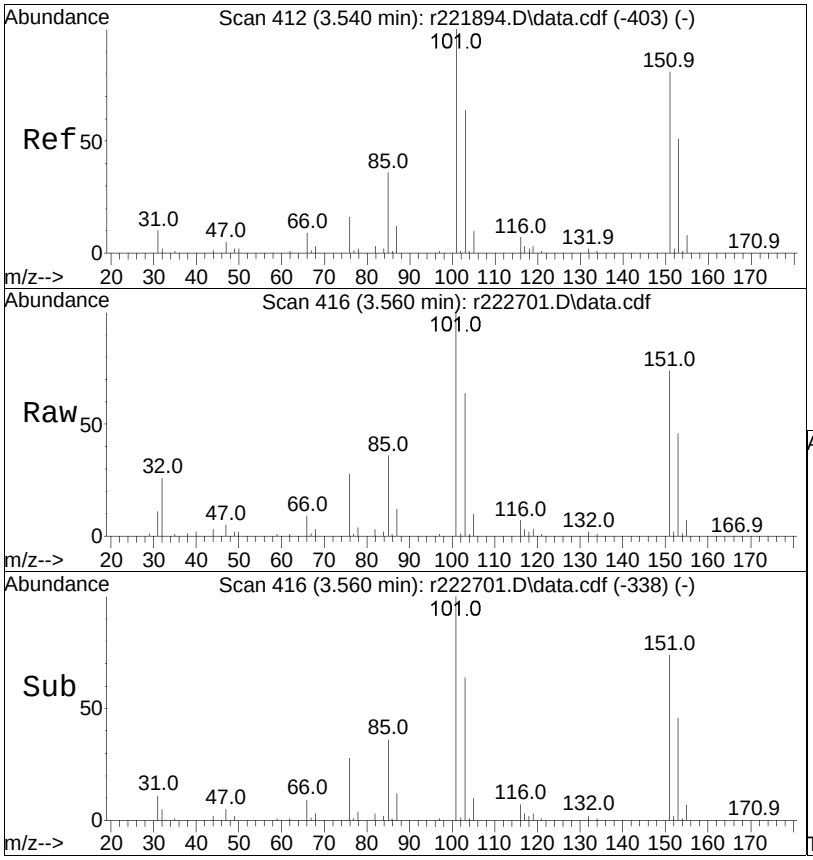


#30
carbon disulfide
Concen: 9.22 ppbV
RT: 3.575 min Scan# 419
Delta R.T. 0.015 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 76 Resp: 442551

Ion	Ratio	Lower	Upper
76	100		
44	8.9	6.8	10.2

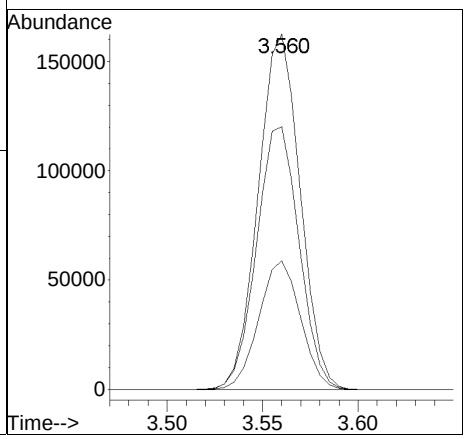


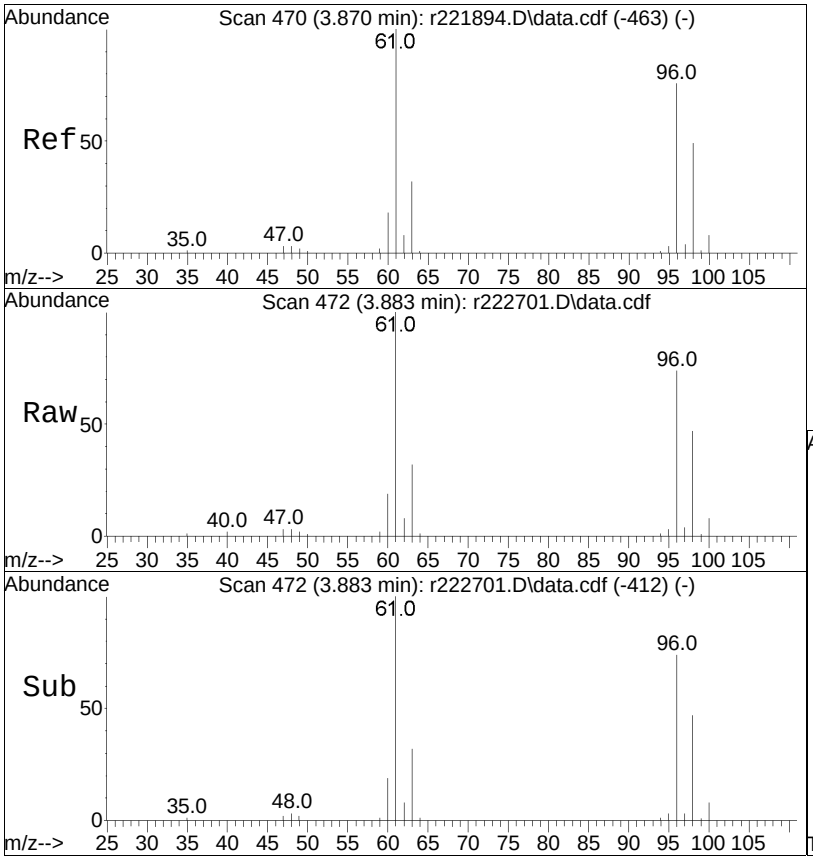


#31
Freon 113
Concen: 9.44 ppbV
RT: 3.560 min Scan# 416
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:101 Resp: 248428

Ion	Ratio	Lower	Upper
101	100		
85	36.2	28.6	43.0
151	73.9	64.6	97.0

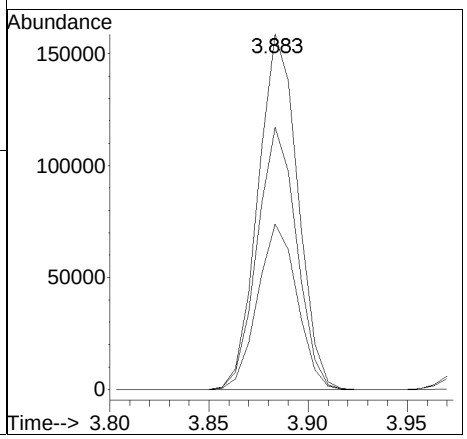


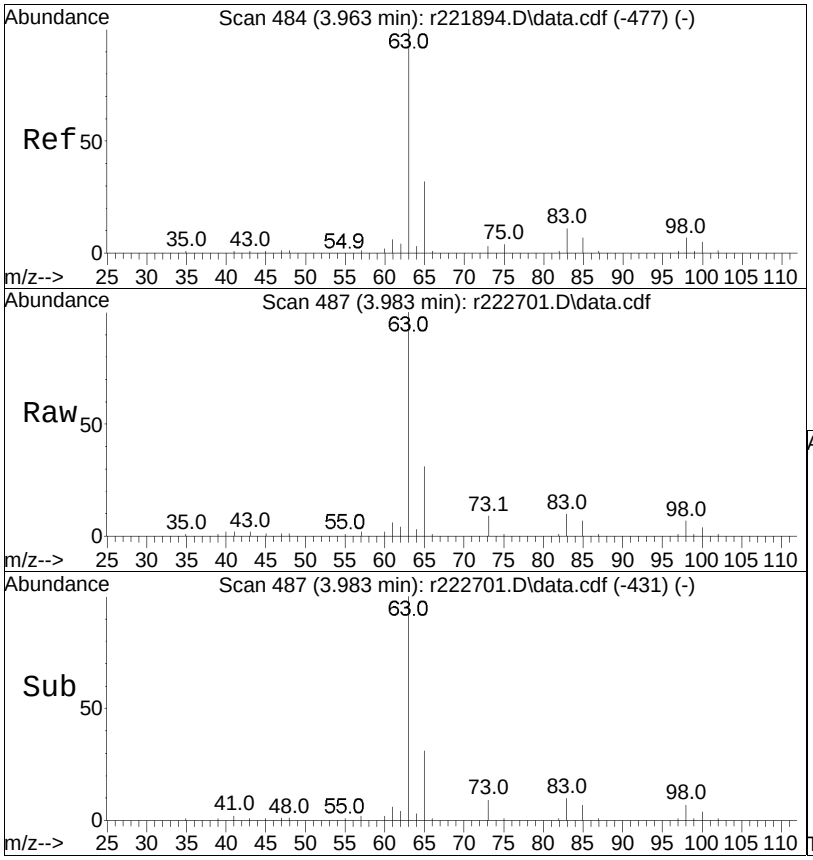


#32
trans-1,2-dichloroethene
Concen: 9.91 ppbV
RT: 3.883 min Scan# 472
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 61 Resp: 221265

Ion	Ratio	Lower	Upper
61	100		
96	73.7	61.0	91.6
98	46.5	39.0	58.6

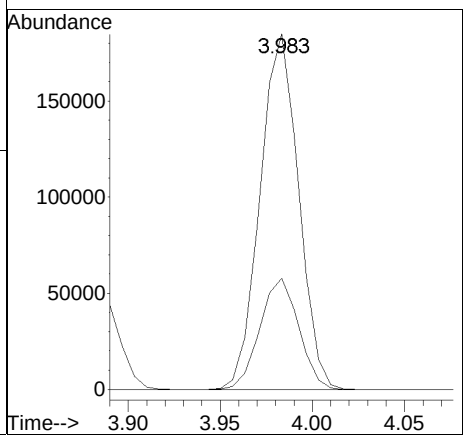


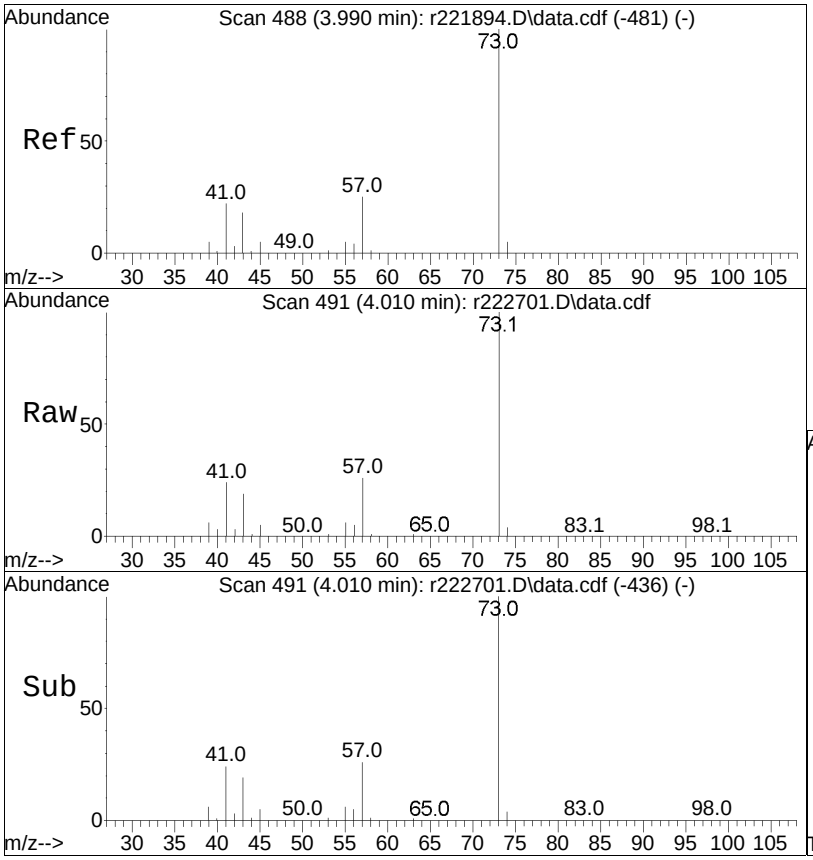


#33
1,1-dichloroethane
Concen: 9.42 ppbV
RT: 3.983 min Scan# 487
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 63 Resp: 268604

Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.5	38.3

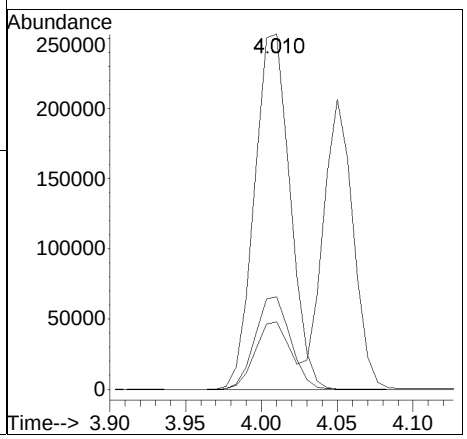


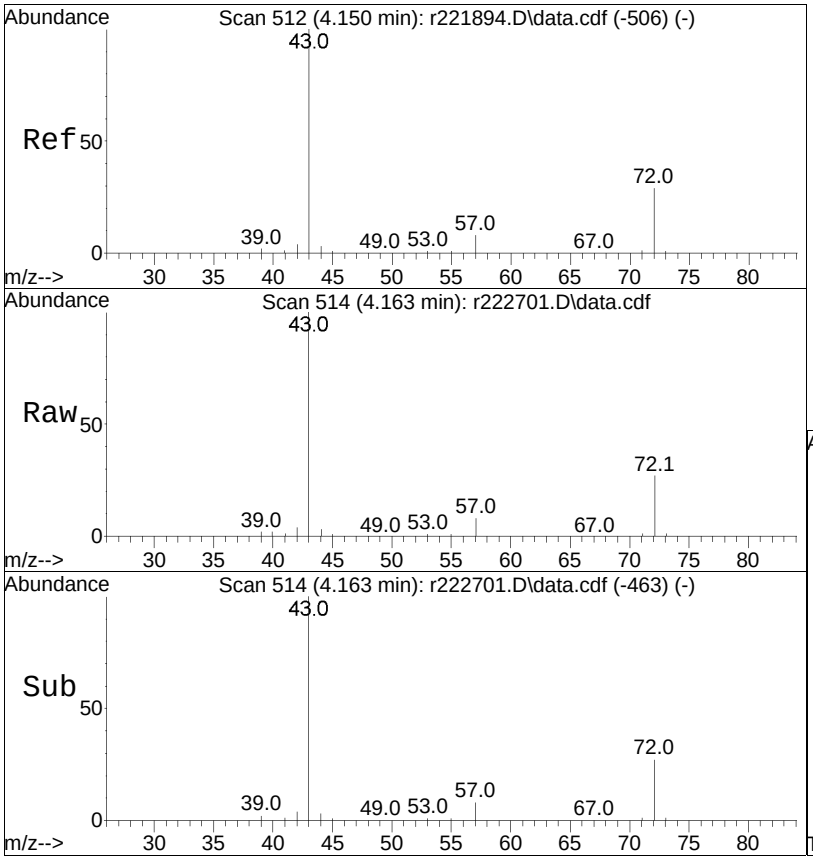


#34
MTBE
Concen: 10.00 ppbV
RT: 4.010 min Scan# 491
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 73 Resp: 414247

Ion	Ratio	Lower	Upper
73	100		
57	26.1	19.8	29.6
43	19.0	14.1	21.1

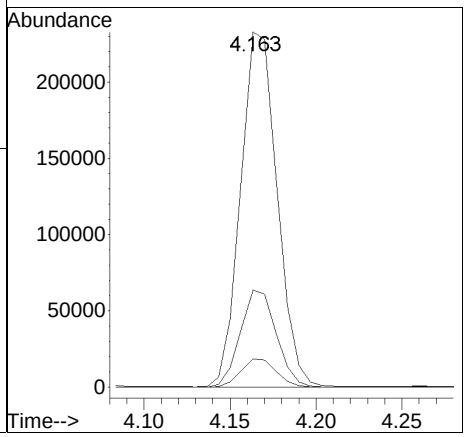


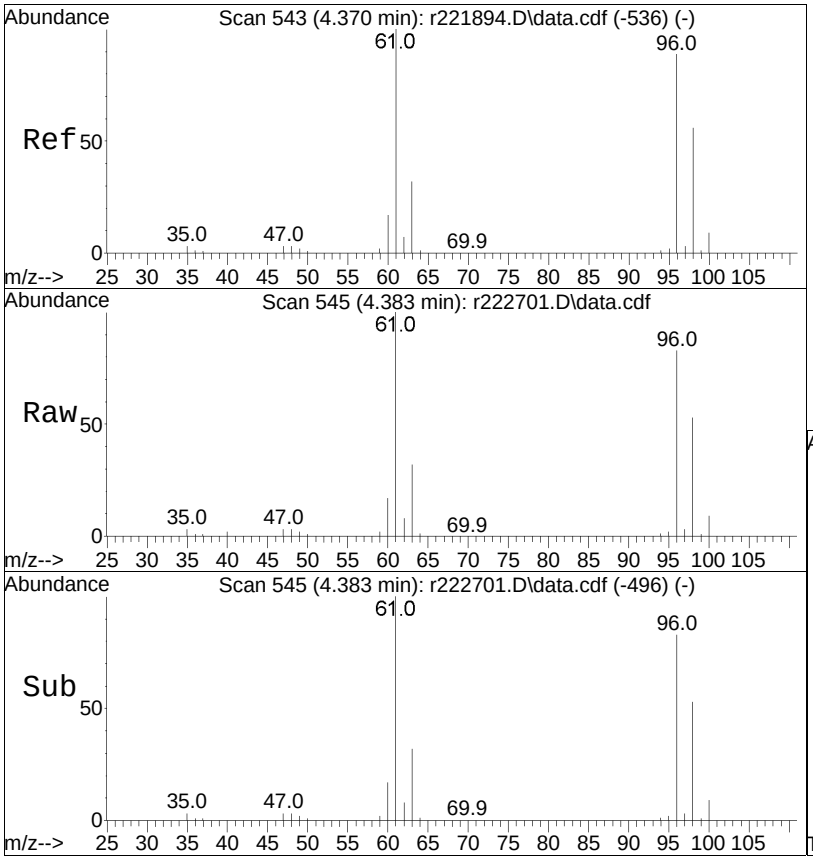


#36
2-butanone
Concen: 9.70 ppbV
RT: 4.163 min Scan# 514
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 43 Resp: 344063

Ion	Ratio	Lower	Upper
43	100		
72	27.4	23.0	34.6
57	8.0	6.3	9.5

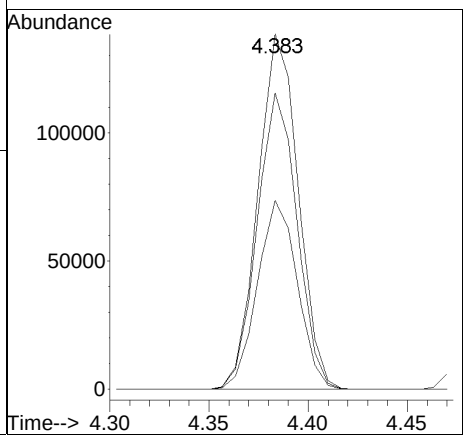


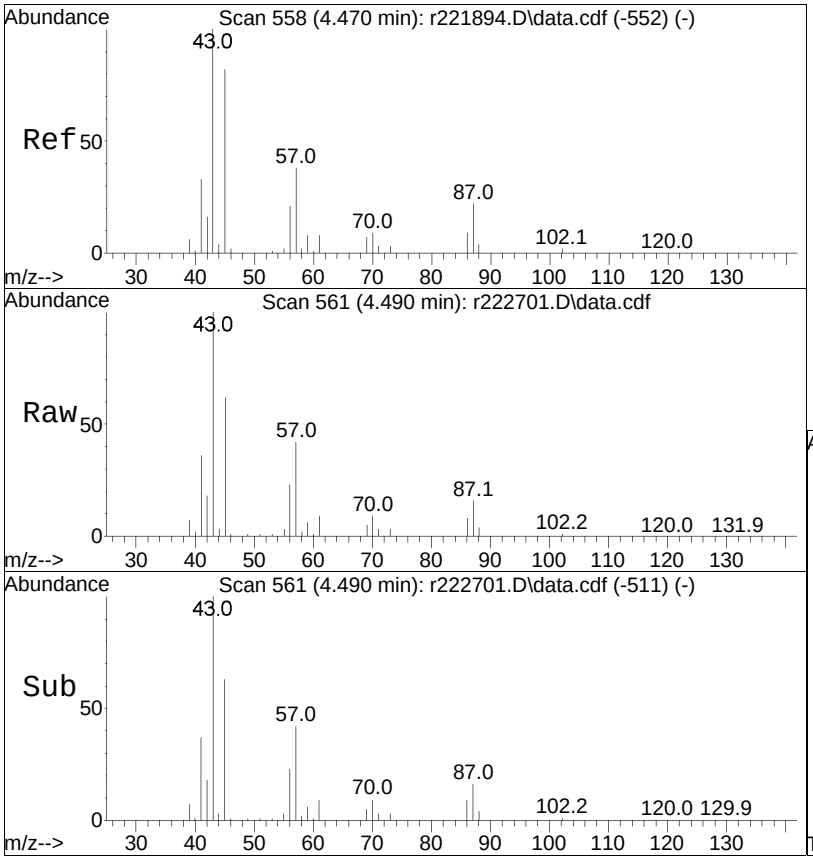


#37
cis-1,2-dichloroethene
Concen: 9.65 ppbV
RT: 4.383 min Scan# 545
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 61 Resp: 195935

Ion	Ratio	Lower	Upper
61	100		
96	83.4	71.0	106.4
98	53.2	44.8	67.2

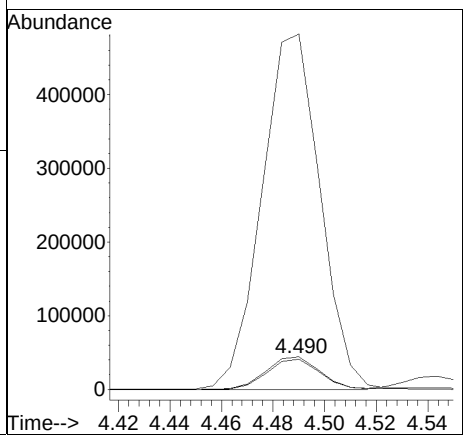


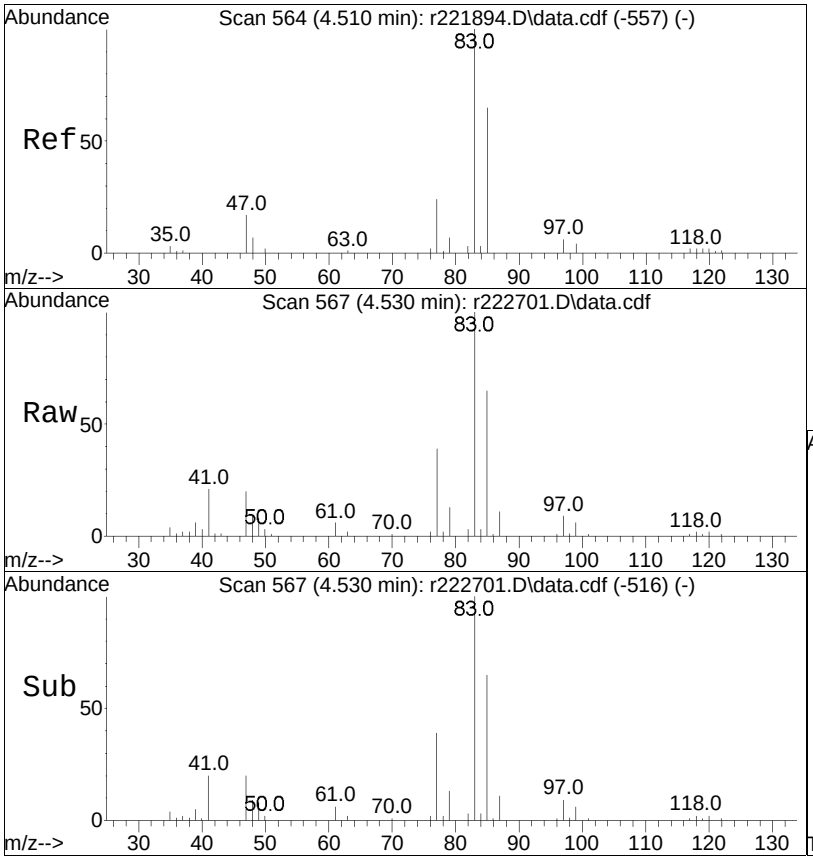


#38
Ethyl Acetate
Concen: 10.68 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 61 Resp: 58964

Ion	Ratio	Lower	Upper
61	100		
70	107.8	91.7	137.5
43	1174.5	971.0	1456.6

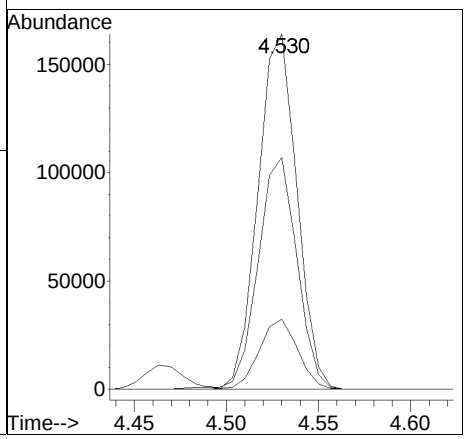


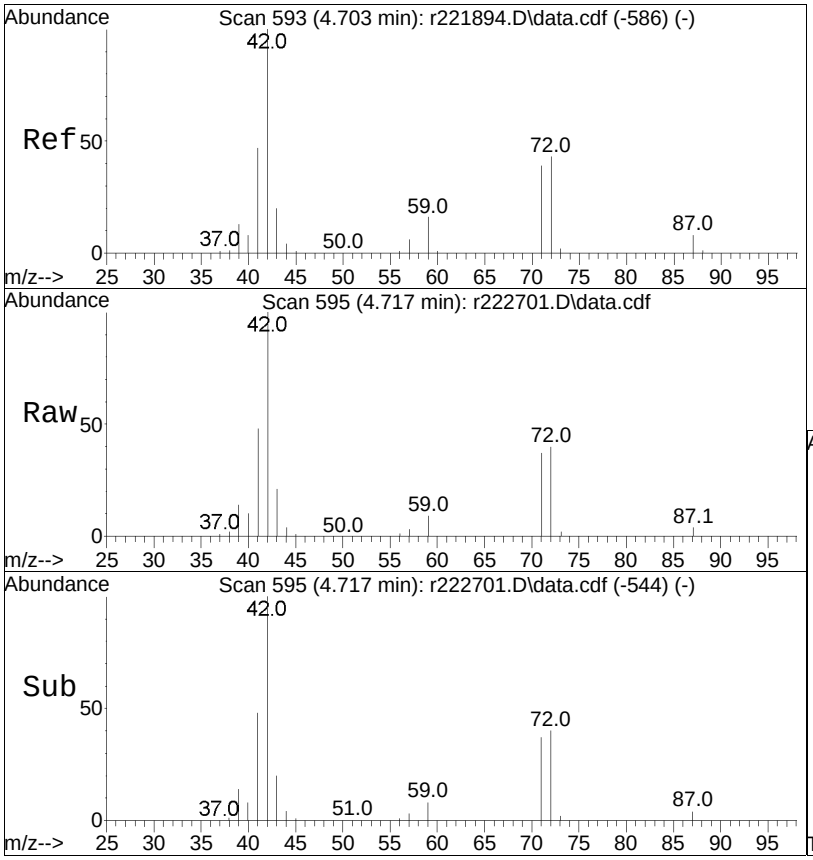


#39
chloroform
Concen: 9.62 ppbV
RT: 4.530 min Scan# 567
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 83 Resp: 241058

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	79.0
47	19.8	15.1	22.7

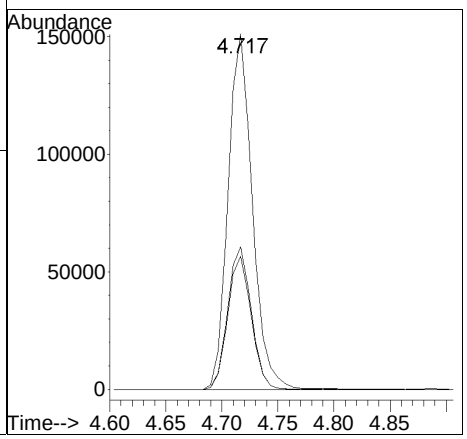


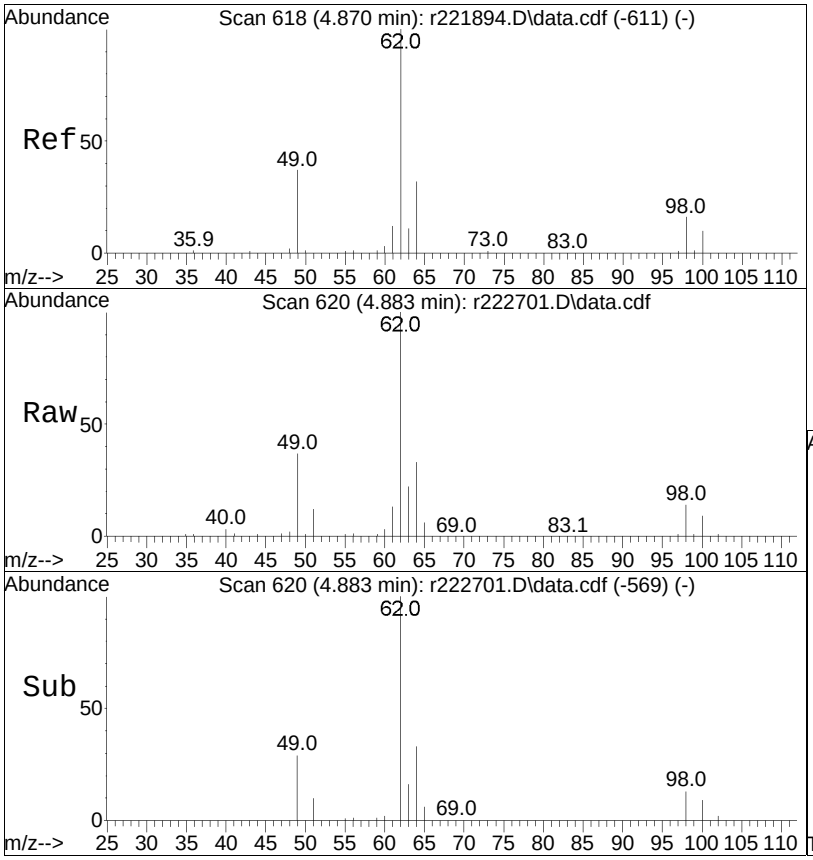


#40
Tetrahydrofuran
Concen: 10.11 ppbV
RT: 4.717 min Scan# 595
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 42 Resp: 228273

Ion	Ratio	Lower	Upper
42	100		
71	37.5	31.4	47.2
72	40.1	34.3	51.5

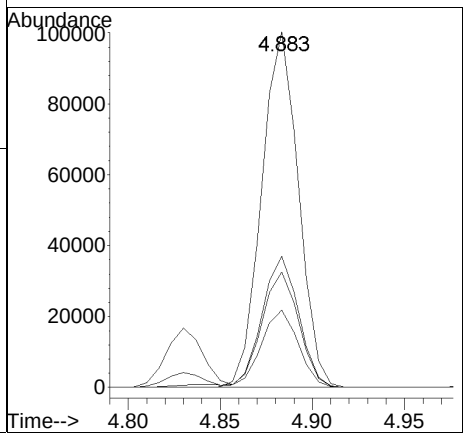


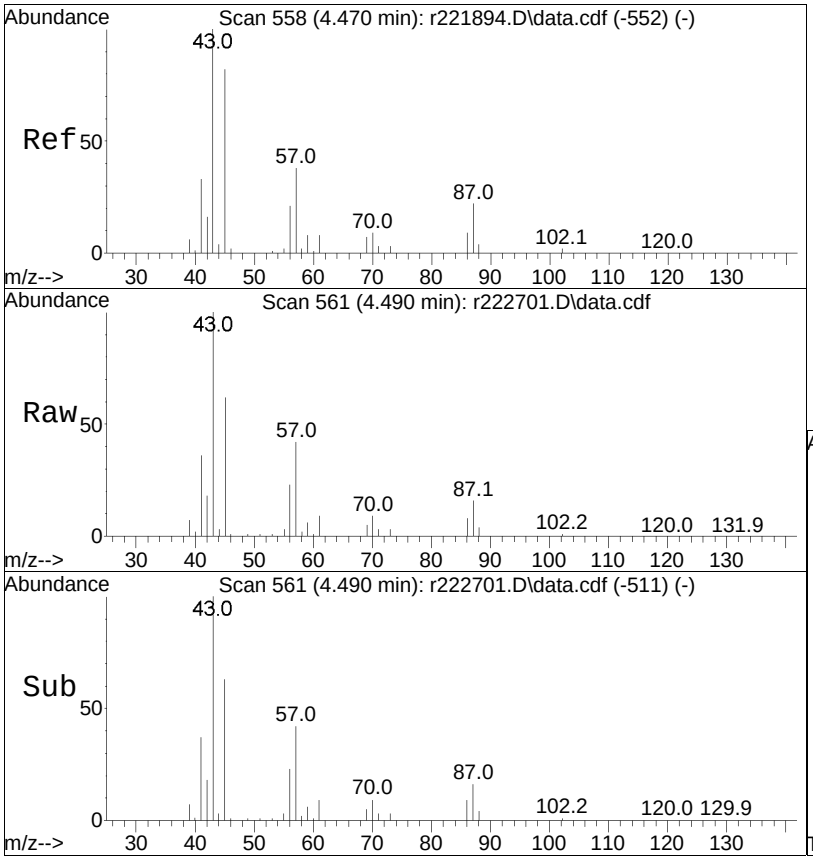


#42
1,2-dichloroethane
Concen: 9.81 ppbV
RT: 4.883 min Scan# 620
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 62 Resp: 139682

Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.4	39.6
49	36.9	32.0	48.0
63	21.7	18.3	27.5

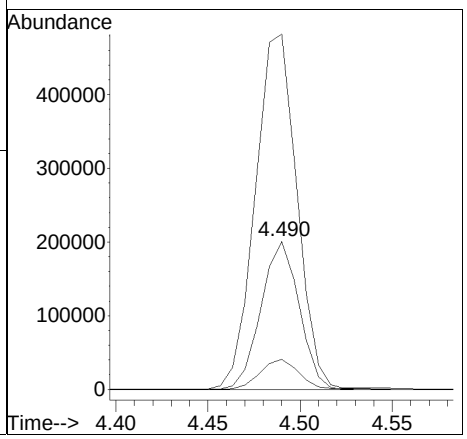


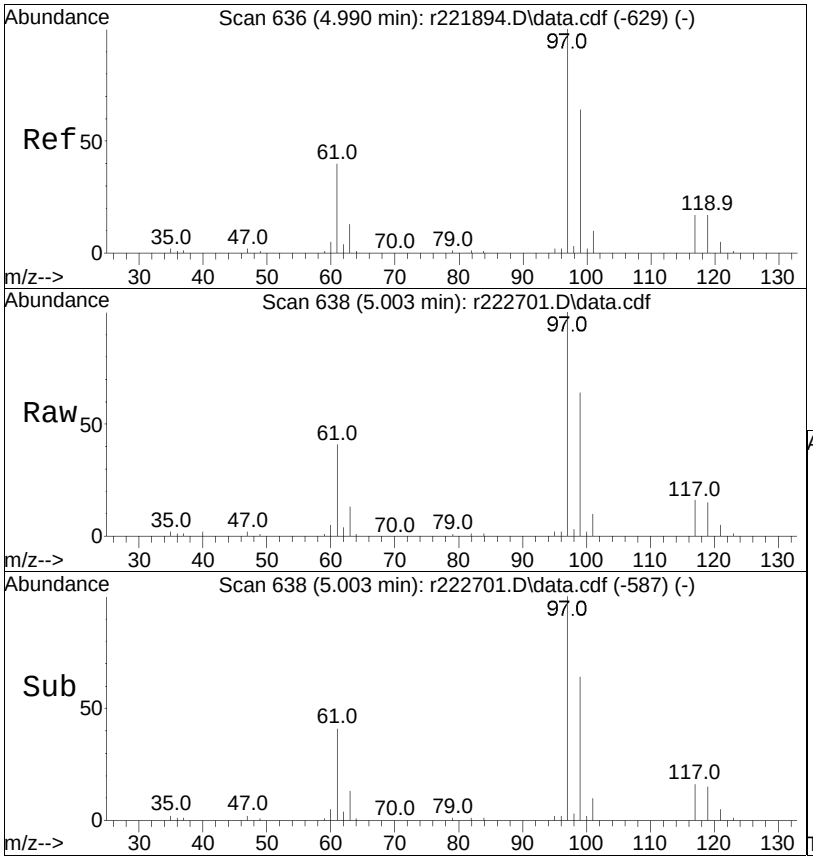


#44
hexane
Concen: 11.78 ppbV
RT: 4.490 min Scan# 561
Delta R.T. 0.020 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 57 Resp: 288826

Ion	Ratio	Lower	Upper
57	100		
43	240.2	210.8	316.2
86	20.3	17.9	26.9

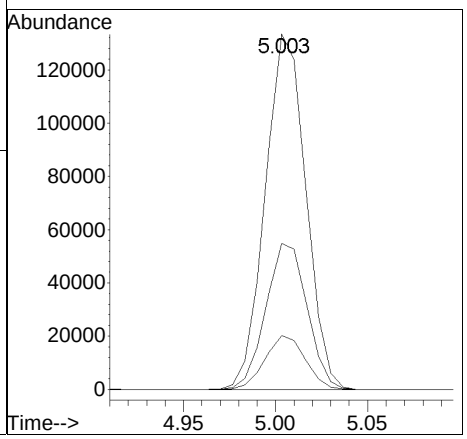


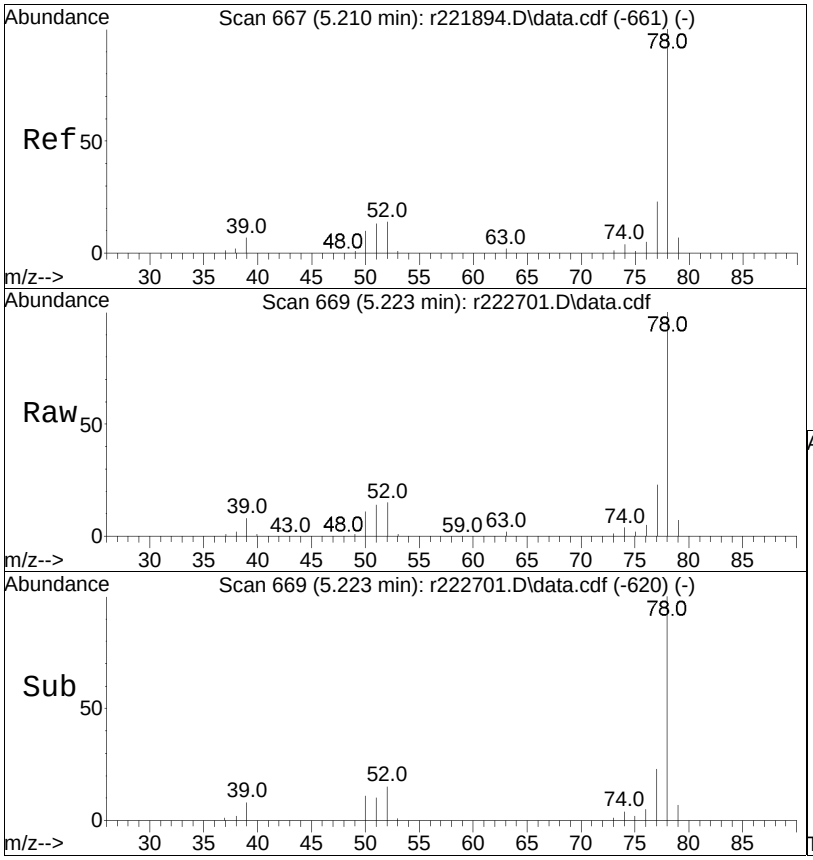


#48
1,1,1-trichloroethane
Concen: 10.66 ppbV
RT: 5.003 min Scan# 638
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 97 Resp: 204461

Ion	Ratio	Lower	Upper
97	100		
61	41.1	31.7	47.5
119	15.2	13.4	20.2

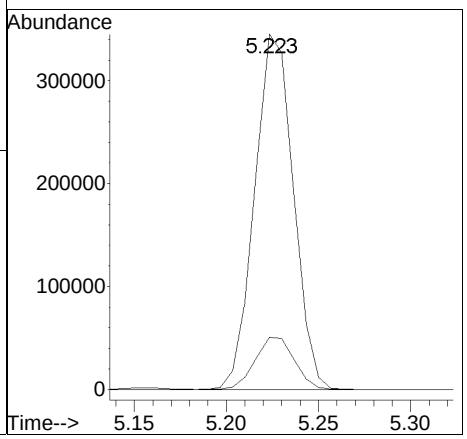


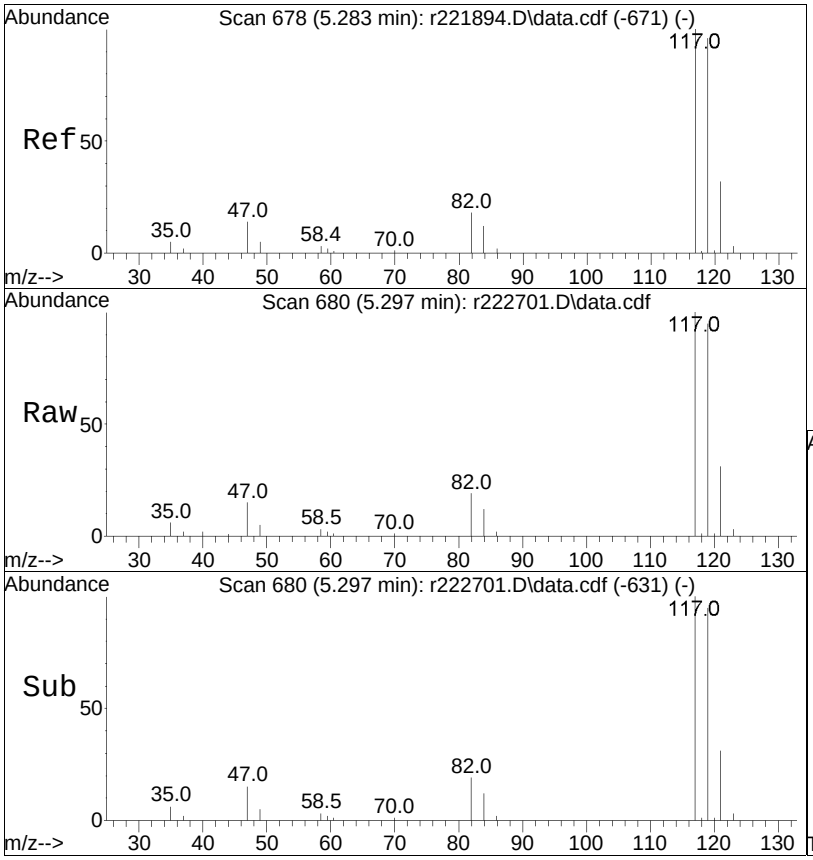


#50
benzene
Concen: 9.78 ppbV
RT: 5.223 min Scan# 669
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 78 Resp: 505621

Ion	Ratio	Lower	Upper
78	100		
52	14.7	11.3	16.9

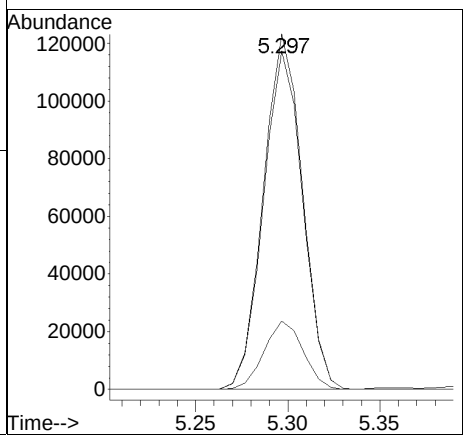


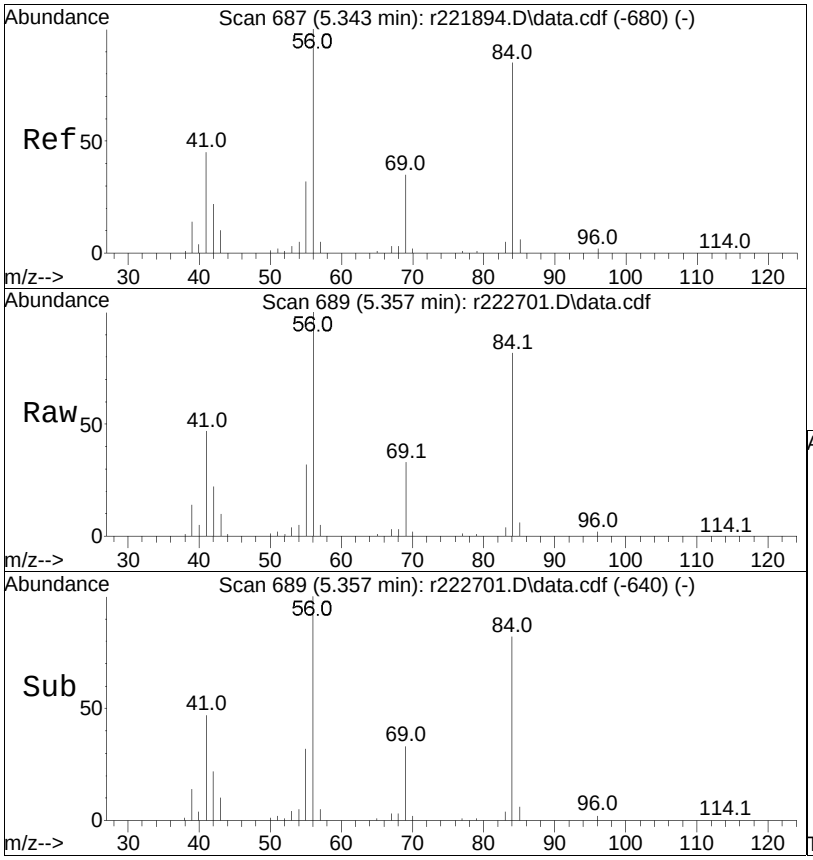


#52
carbon tetrachloride
Concen: 10.58 ppbV
RT: 5.297 min Scan# 680
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:117 Resp: 181911

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
82	19.2	14.7	22.1

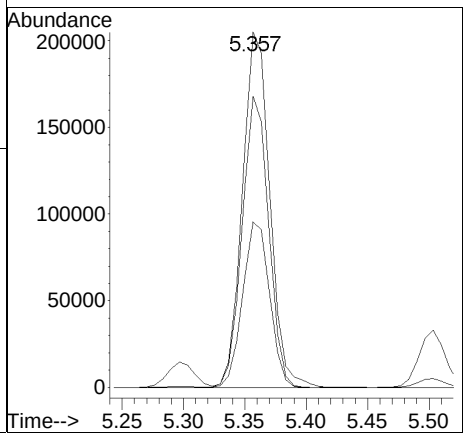


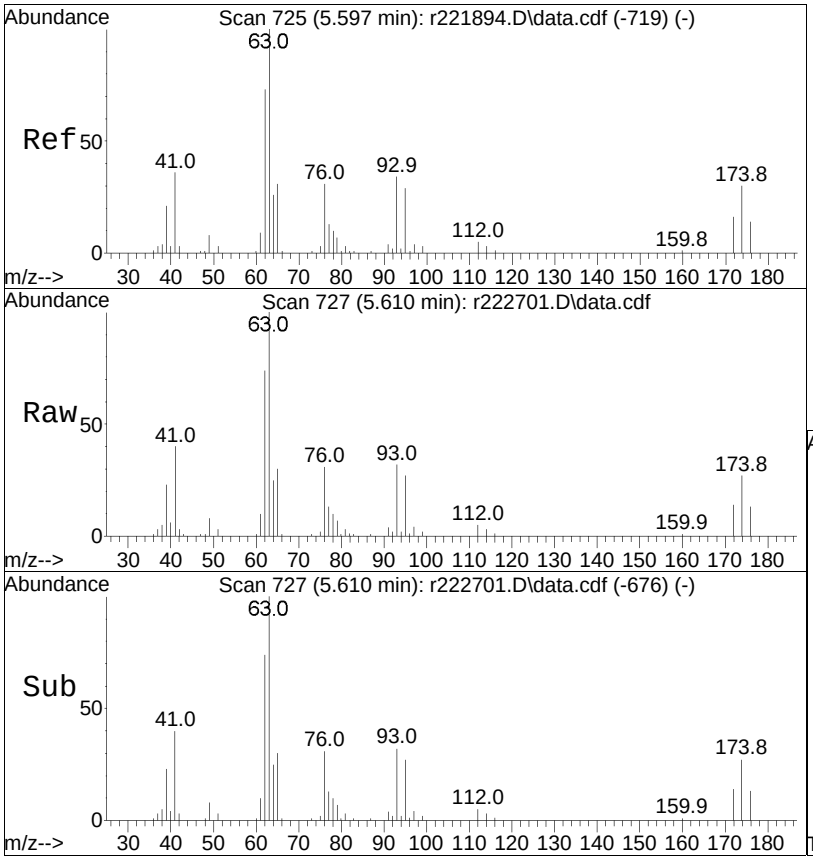


#53
cyclohexane
Concen: 11.33 ppbV
RT: 5.357 min Scan# 689
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 56 Resp: 318076

Ion	Ratio	Lower	Upper
56	100		
84	81.9	70.9	106.3
41	46.6	35.8	53.6

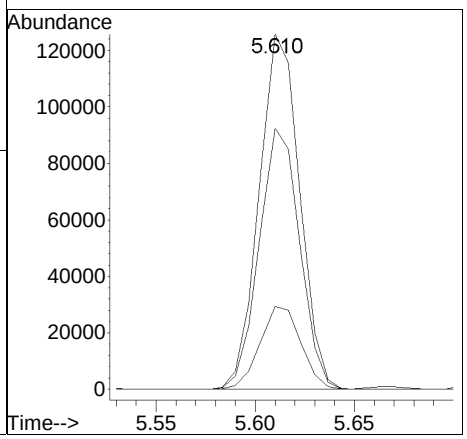


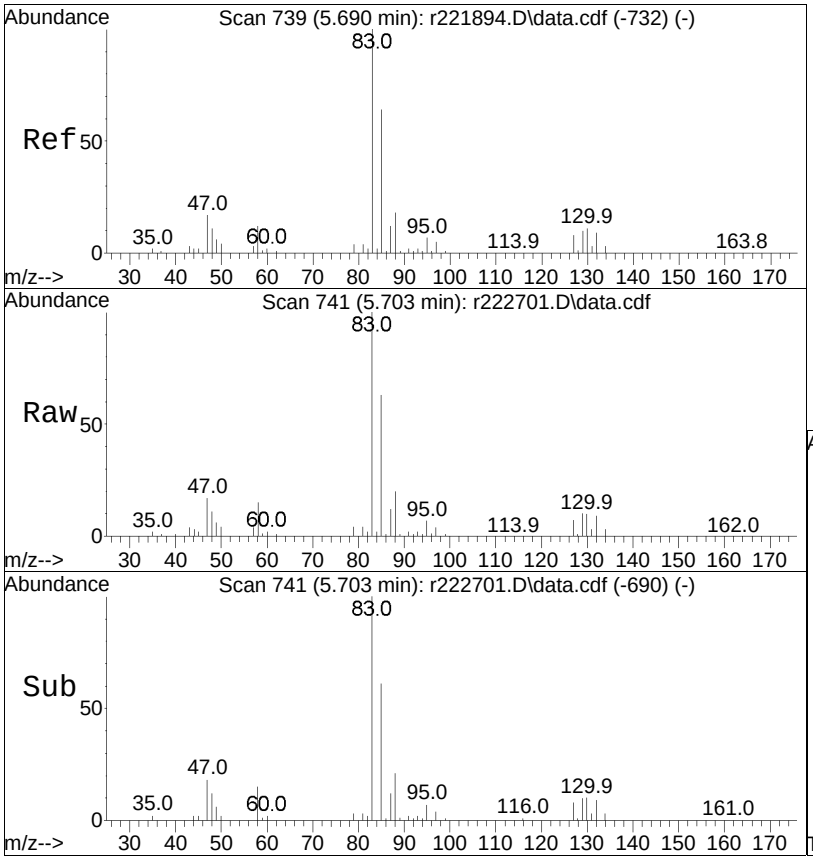


#56
1,2-dichloropropane
Concen: 10.60 ppbV
RT: 5.610 min Scan# 727
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 63 Resp: 178874

Ion	Ratio	Lower	Upper
63	100		
62	73.5	58.5	87.7
39	23.3	16.8	25.2

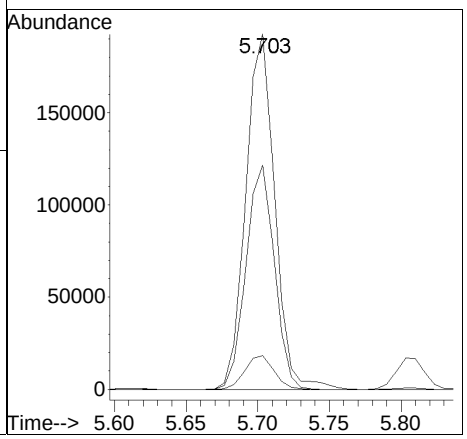


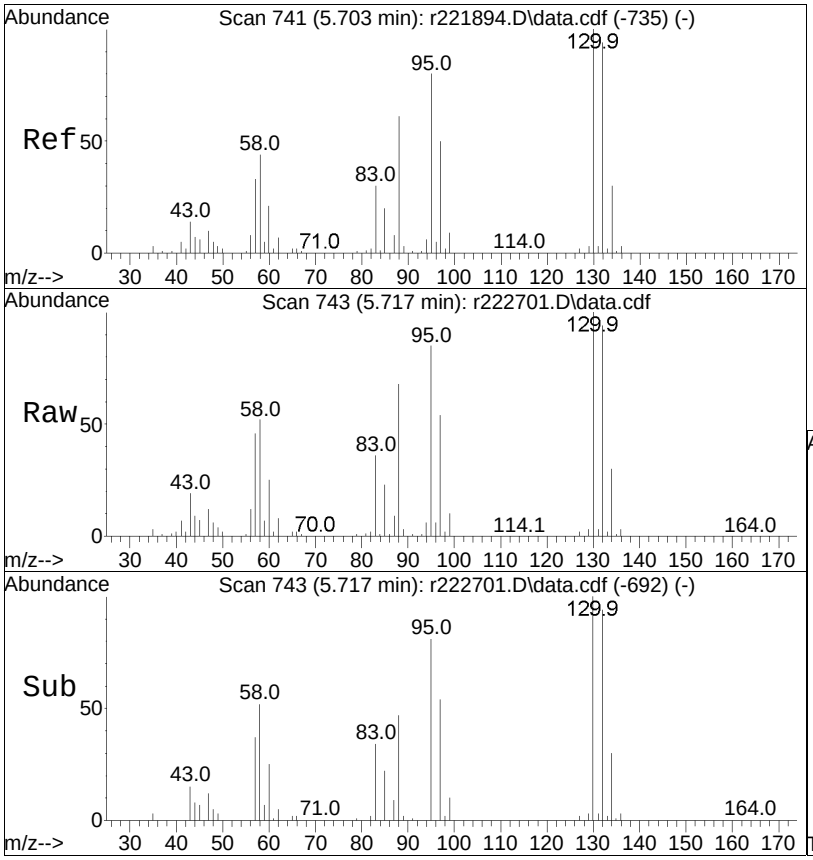


#57
bromodichloromethane
Concen: 12.09 ppbV
RT: 5.703 min Scan# 741
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 83 Resp: 271527

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0
129	9.5	8.2	12.2

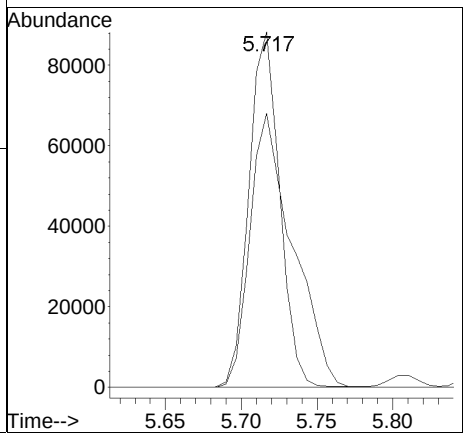


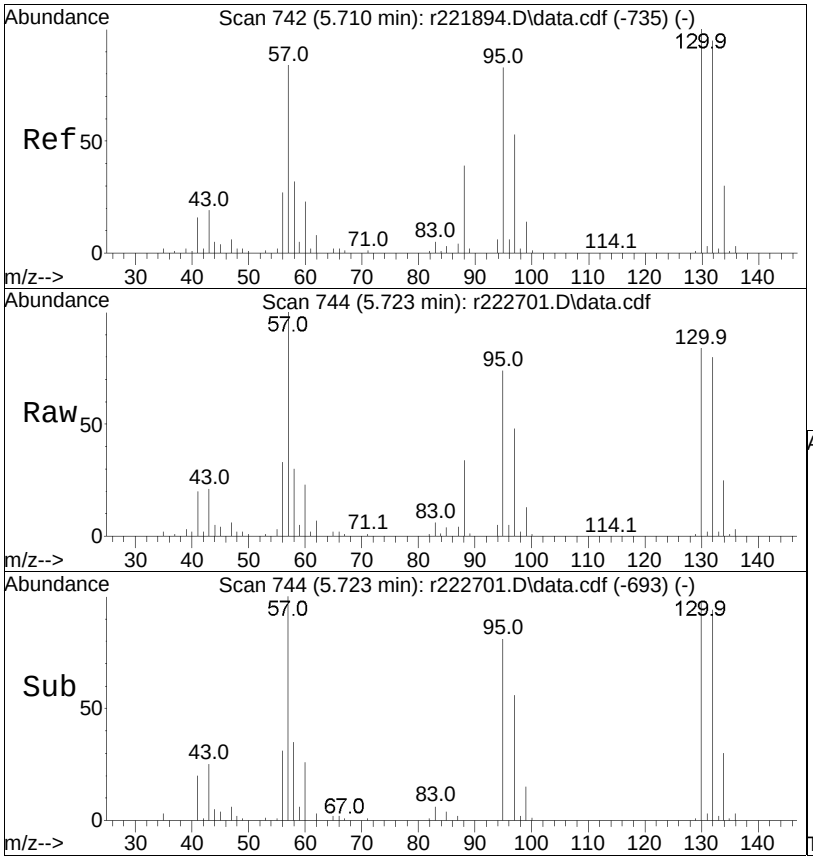


#58
1,4-dioxane
Concen: 11.10 ppbV
RT: 5.717 min Scan# 743
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 88 Resp: 125198

Ion	Ratio	Lower	Upper
88	100		
58	77.1	57.2	85.8

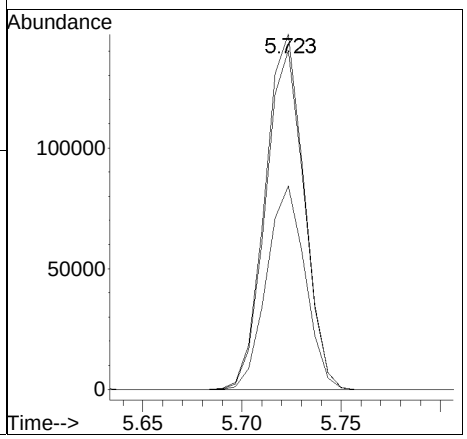


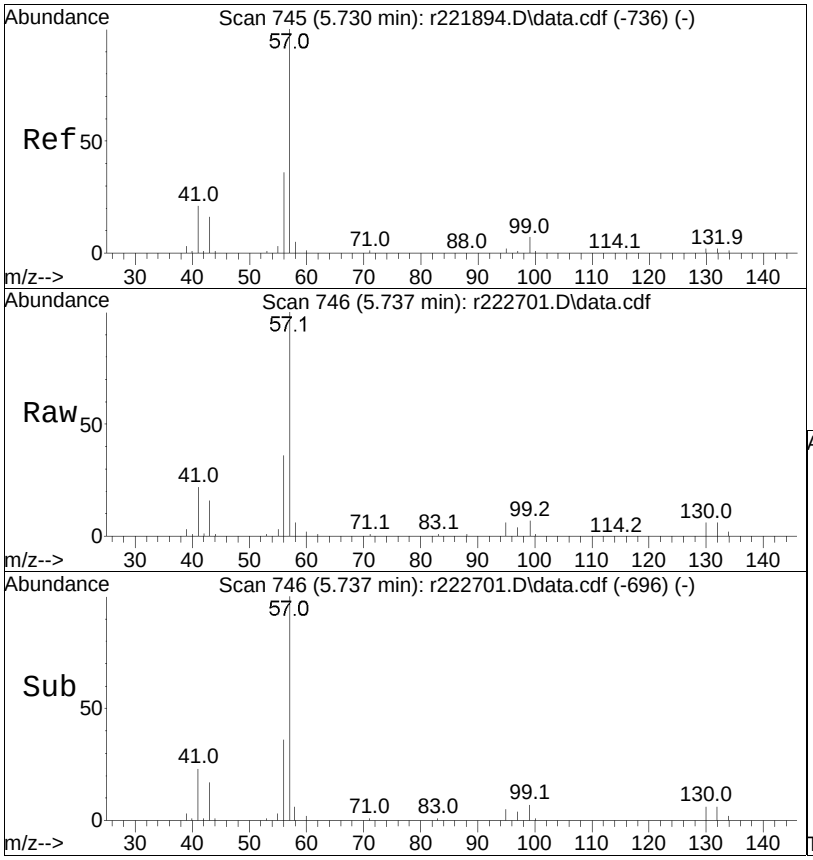


#59
trichloroethene
Concen: 9.86 ppbV
RT: 5.723 min Scan# 744
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:130 Resp: 201474

Ion	Ratio	Lower	Upper
130	100		
132	95.4	75.9	113.9
97	57.3	42.5	63.7

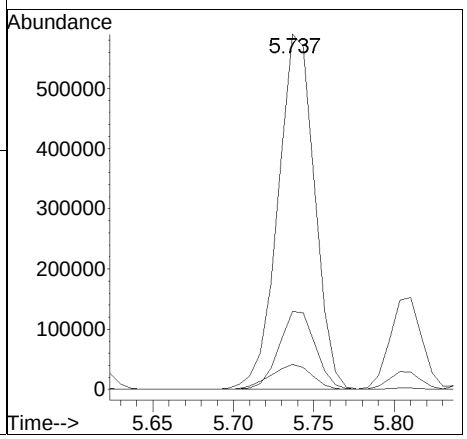


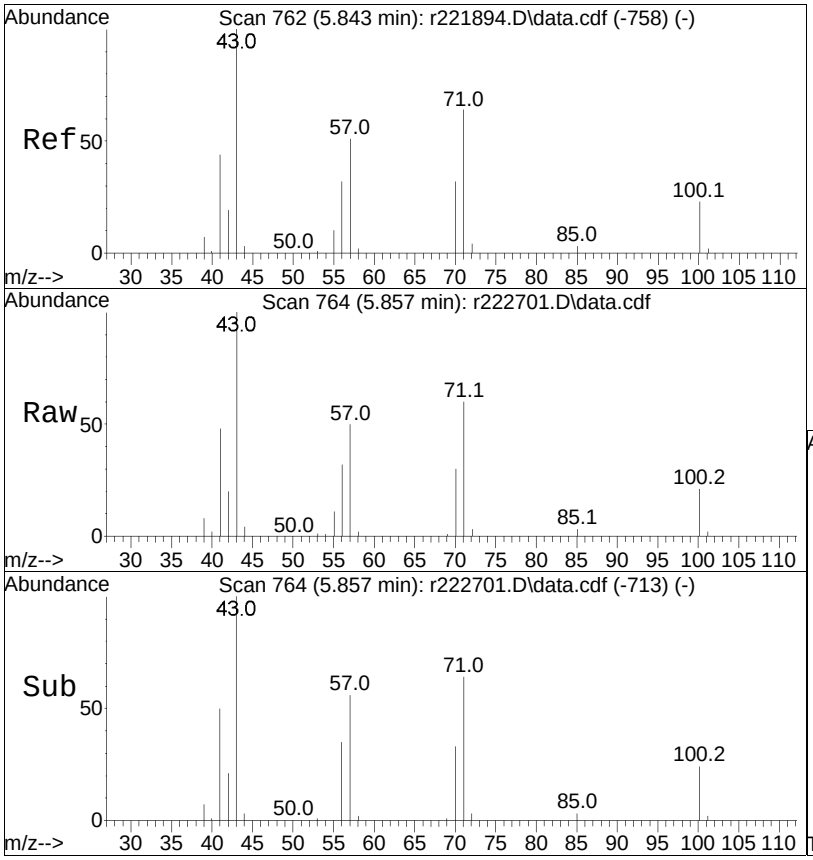


#60
2,2,4-trimethylpentane
Concen: 11.94 ppbV
RT: 5.737 min Scan# 746
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 57 Resp: 933792

Ion	Ratio	Lower	Upper
57	100		
99	7.0	5.7	8.5
41	22.0	16.9	25.3

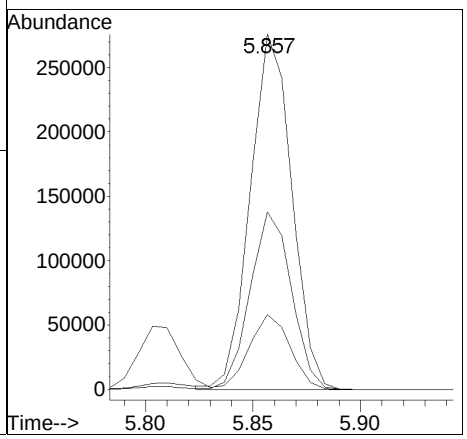


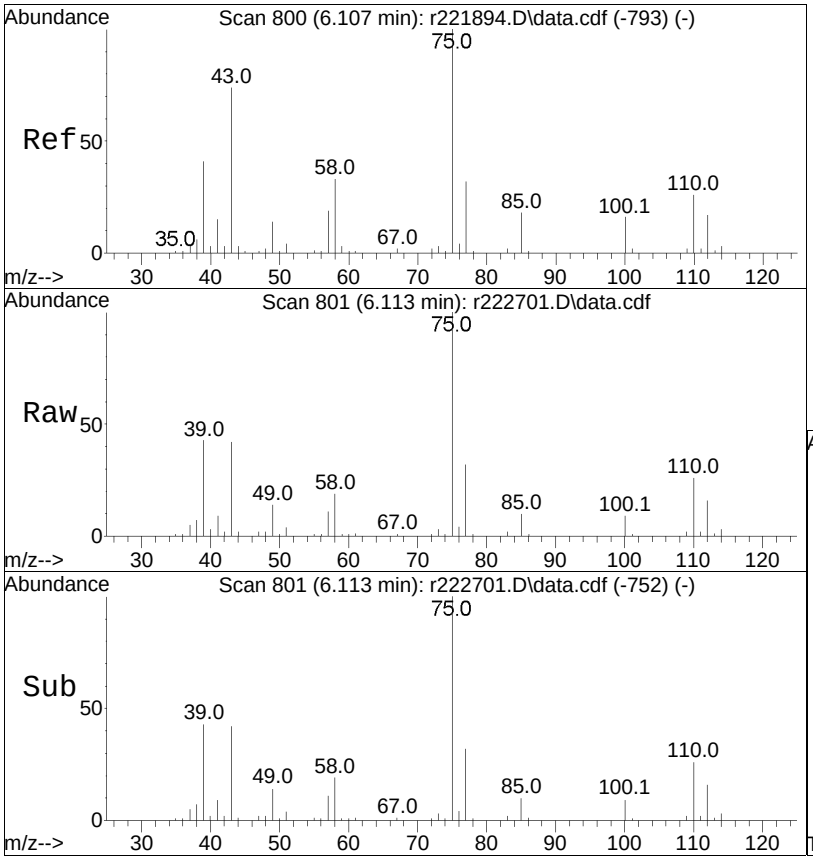


#62
heptane
Concen: 12.04 ppbV
RT: 5.857 min Scan# 764
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 43 Resp: 372085

Ion	Ratio	Lower	Upper
43	100		
57	49.9	40.4	60.6
100	21.1	19.0	28.6

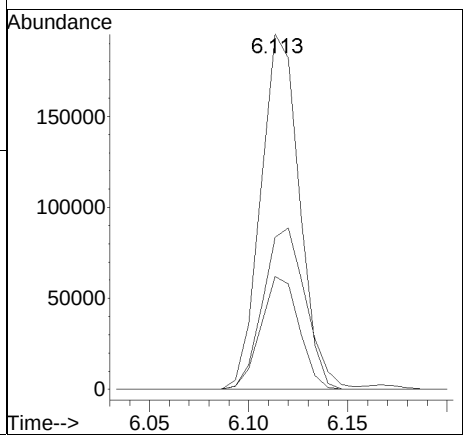


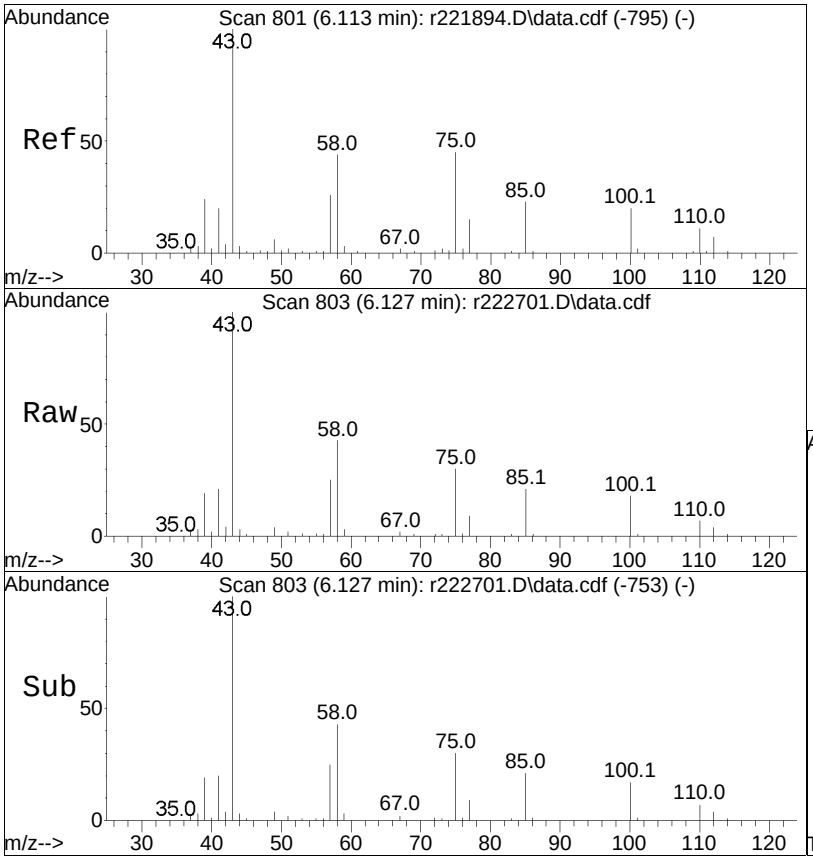


#63
cis-1,3-dichloropropene
Concen: 10.63 ppbV
RT: 6.113 min Scan# 801
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 75 Resp: 261931

Ion	Ratio	Lower	Upper
75	100		
39	42.8	33.2	49.8
77	31.8	25.7	38.5

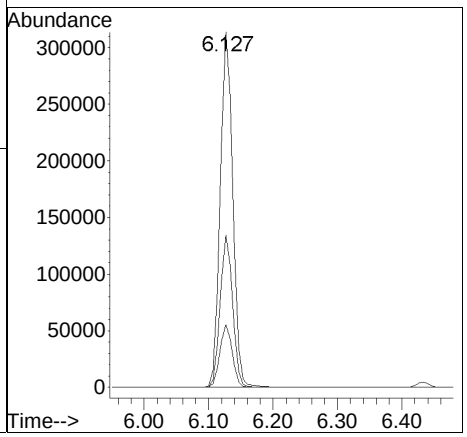


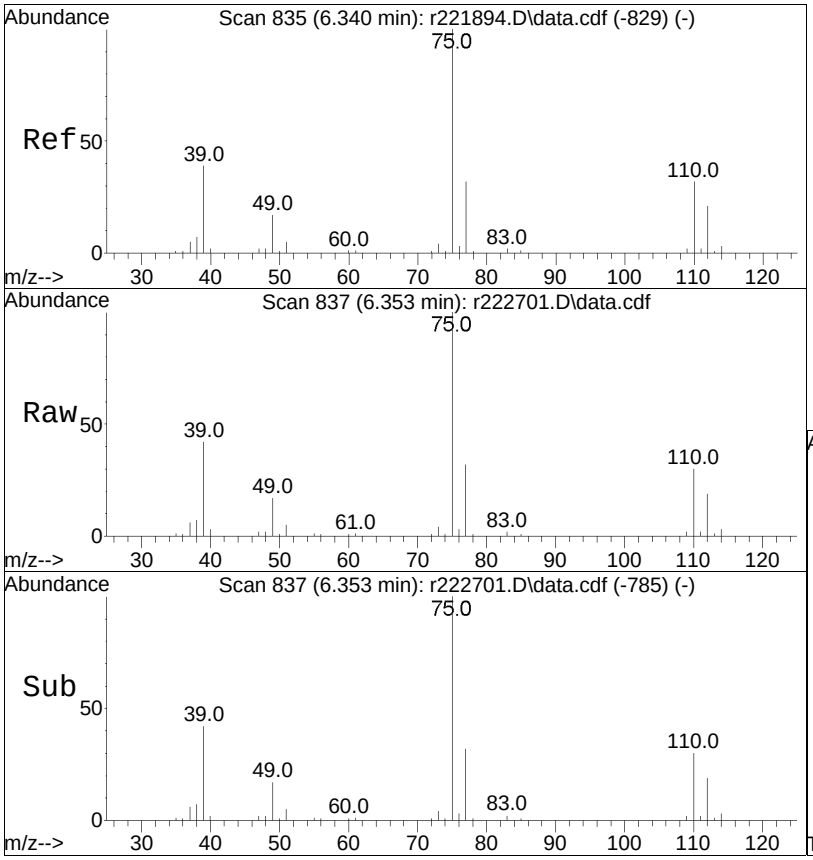


#64
4-methyl-2-pentanone
Concen: 12.41 ppbV
RT: 6.127 min Scan# 803
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 43 Resp: 426657

Ion	Ratio	Lower	Upper
43	100		
58	42.8	34.9	52.3
100	17.7	16.1	24.1

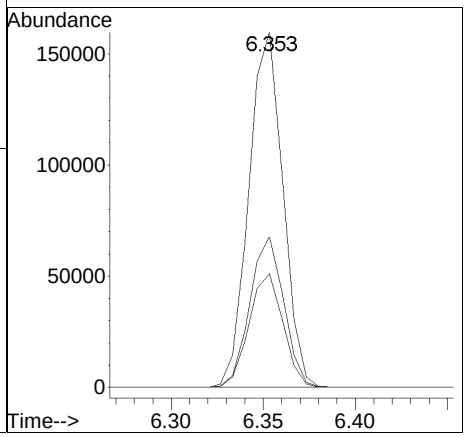


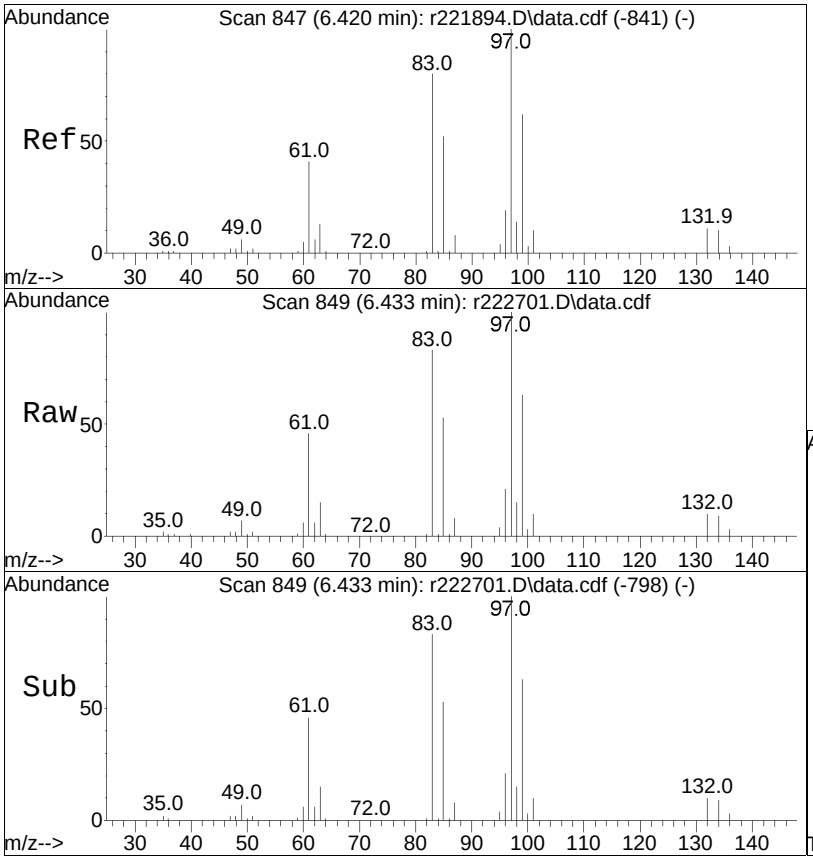


#65
trans-1,3-dichloropropene
Concen: 10.17 ppbV
RT: 6.353 min Scan# 837
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 75 Resp: 205730

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
39	42.4	30.8	46.2

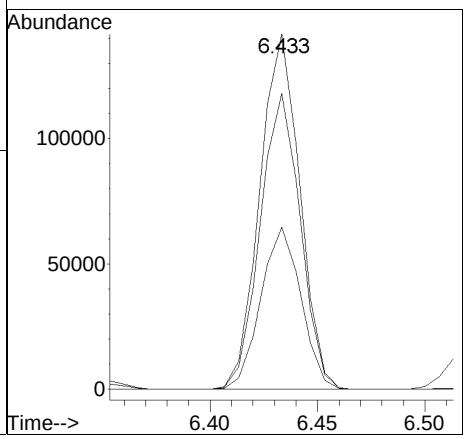


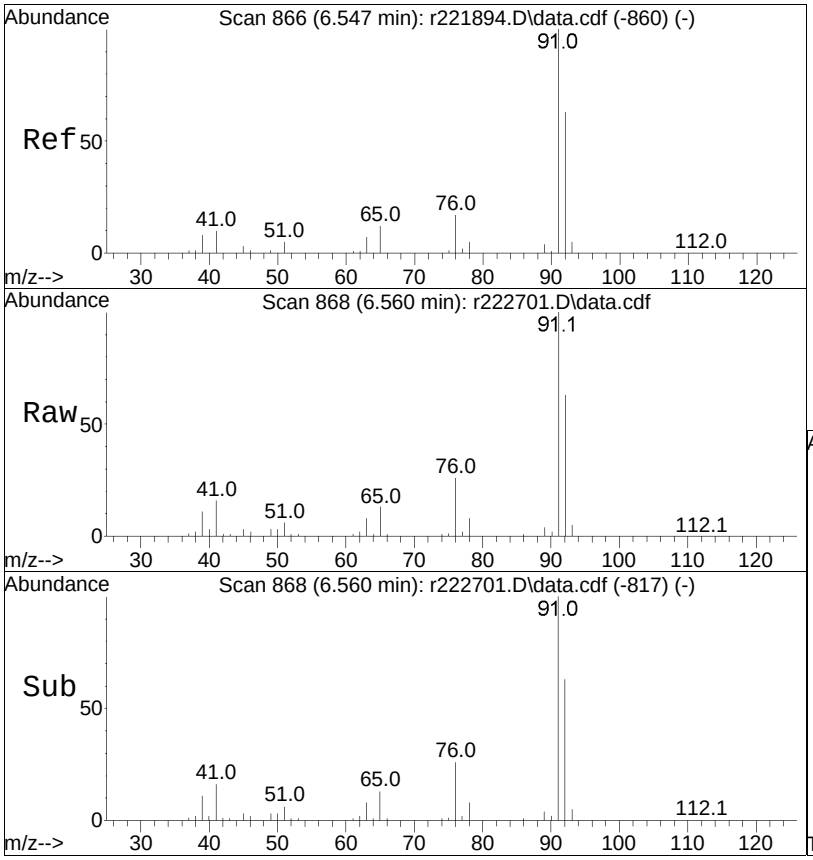


#66
1,1,2-trichloroethane
Concen: 10.05 ppbV
RT: 6.433 min Scan# 849
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 97 Resp: 183633

Ion	Ratio	Lower	Upper
97	100		
83	83.3	64.0	96.0
61	45.7	32.5	48.7

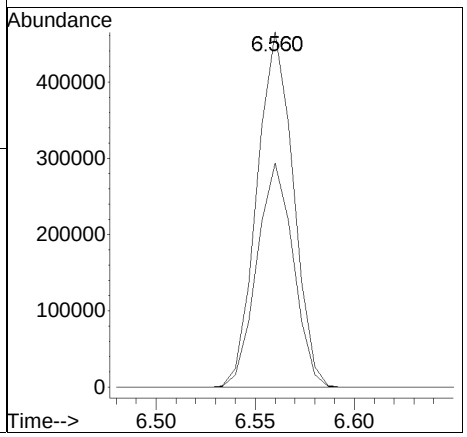


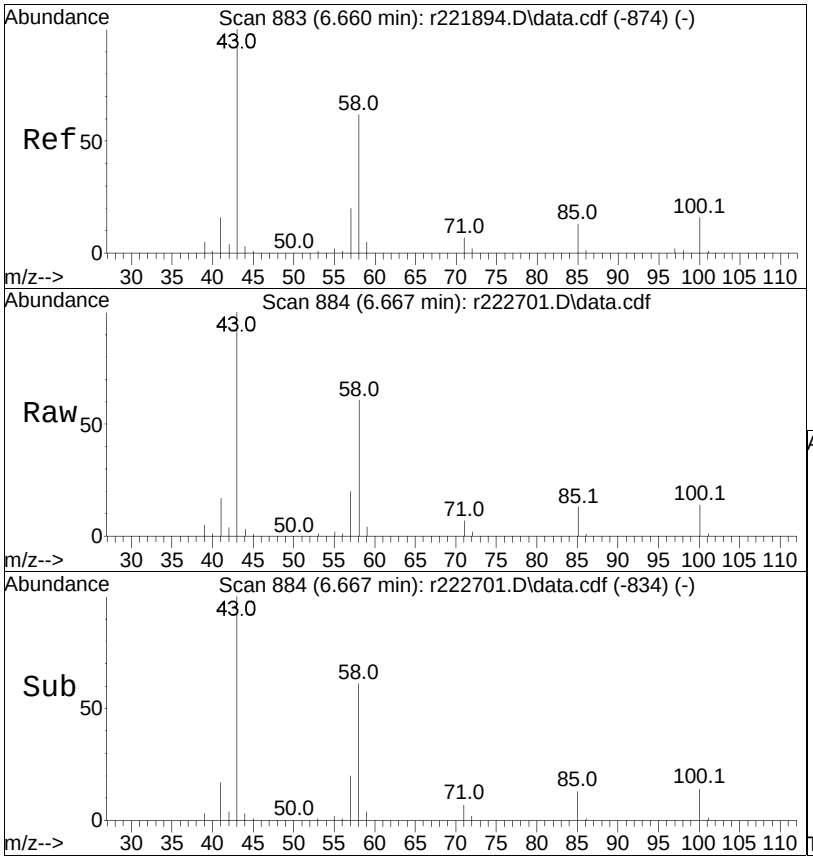


#68
toluene
Concen: 8.24 ppbV
RT: 6.560 min Scan# 868
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 91 Resp: 593598

Ion	Ratio	Lower	Upper
91	100		
92	63.1	50.7	76.1

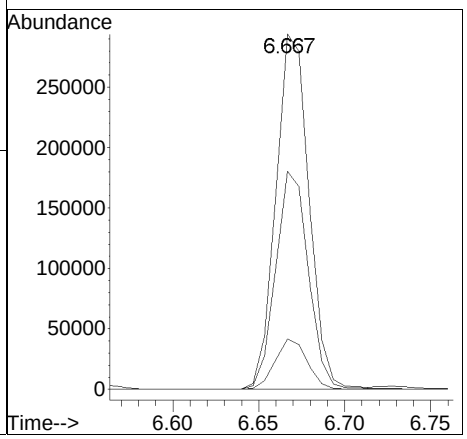


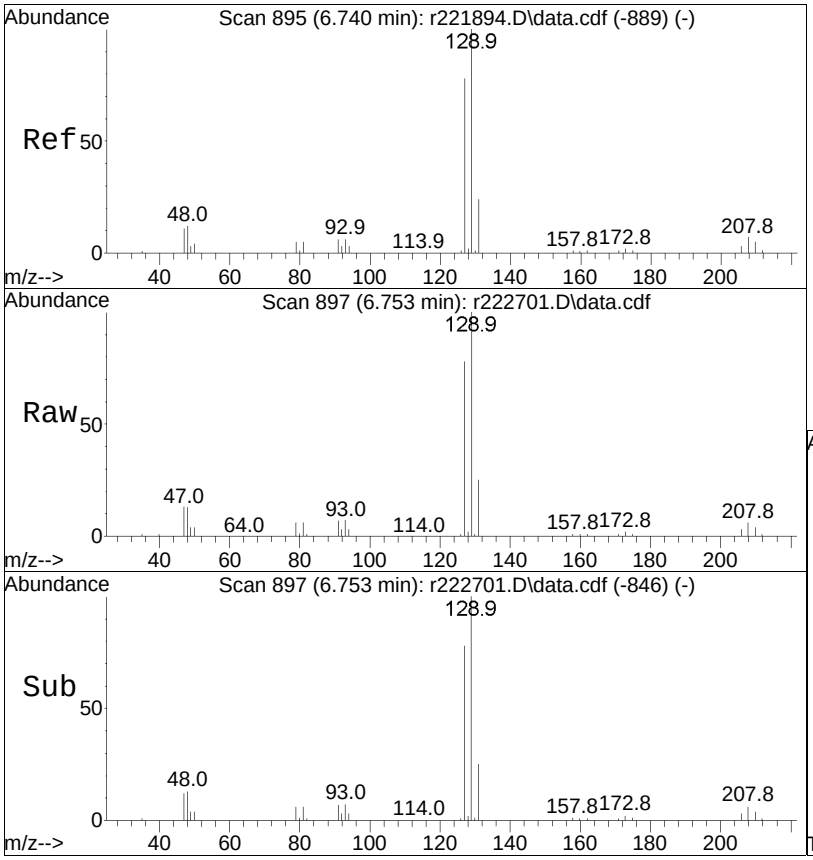


#72
2-hexanone
Concen: 9.33 ppbV
RT: 6.667 min Scan# 884
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 43 Resp: 394612

Ion	Ratio	Lower	Upper
43	100		
58	61.4	49.2	73.8
100	14.2	12.4	18.6

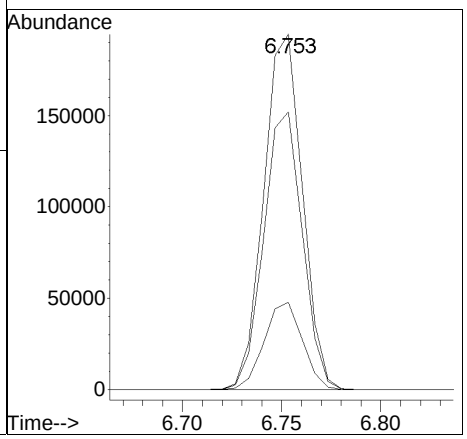


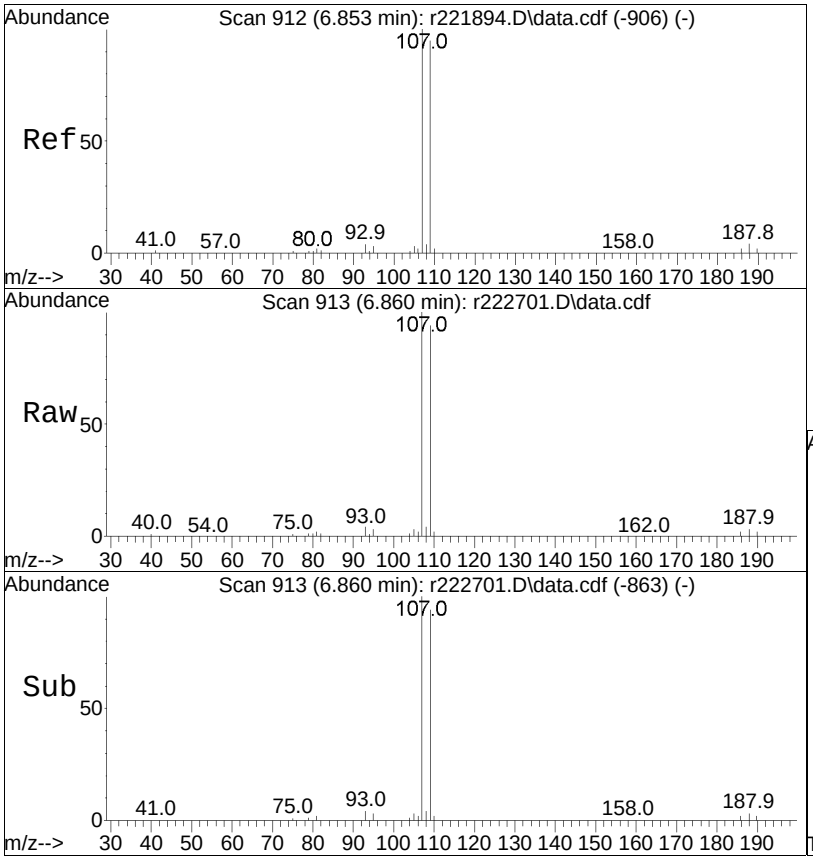


#74
dibromochloromethane
Concen: 9.20 ppbV
RT: 6.753 min Scan# 897
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:129 Resp: 263574

Ion	Ratio	Lower	Upper
129	100		
127	78.1	62.3	93.5
131	24.5	19.3	28.9

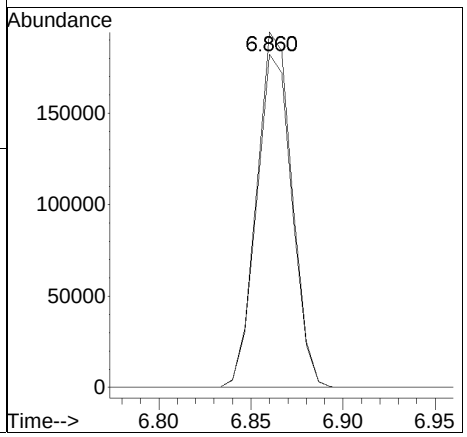


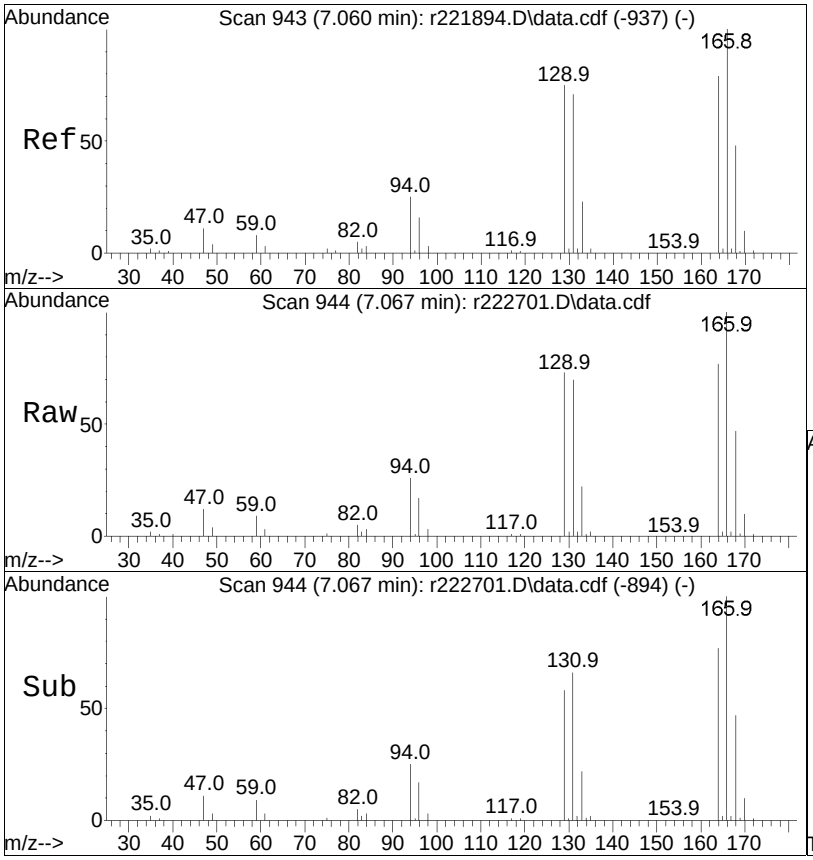


#75
1,2-dibromoethane
Concen: 8.18 ppbV
RT: 6.860 min Scan# 913
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:107 Resp: 259698

Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.1	114.1

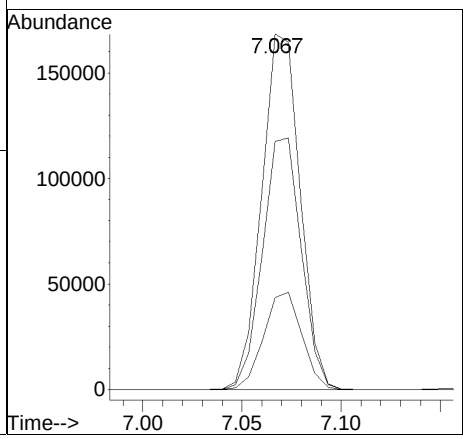


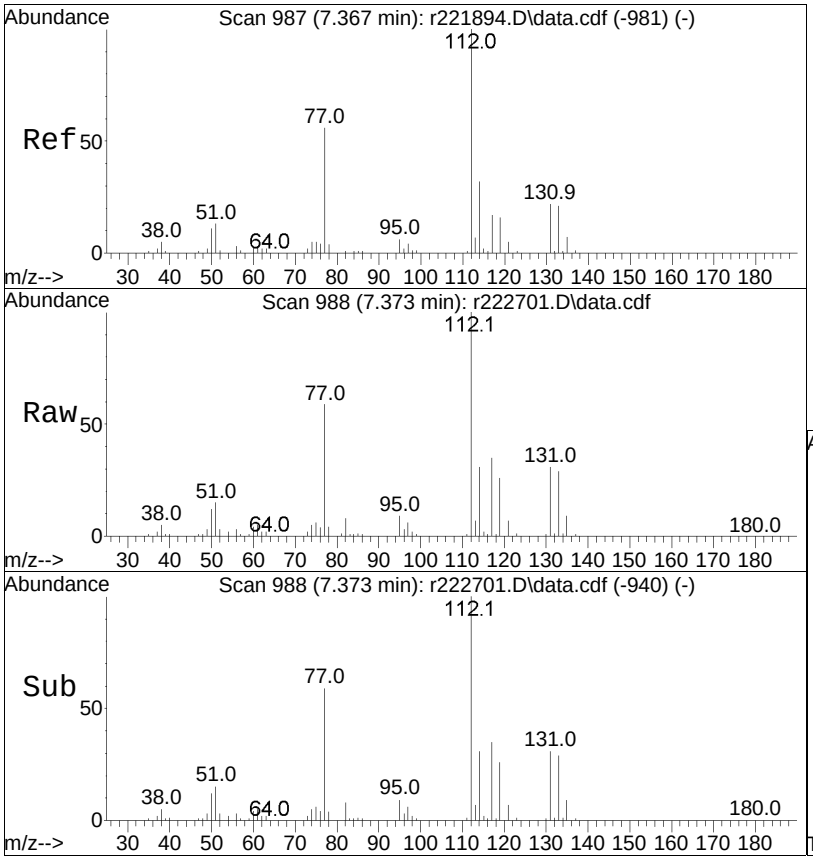


#78
tetrachloroethene
Concen: 8.12 ppbV
RT: 7.067 min Scan# 944
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:166 Resp: 227151

Ion	Ratio	Lower	Upper
166	100		
131	69.8	56.9	85.3
94	25.9	19.8	29.8

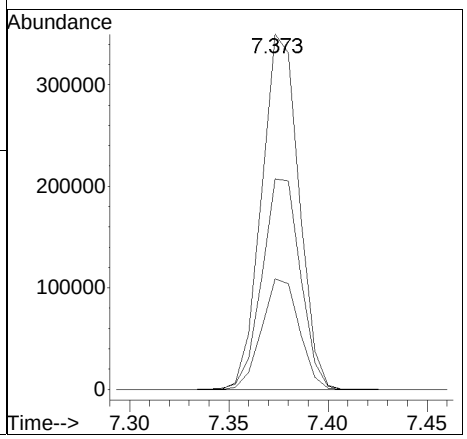


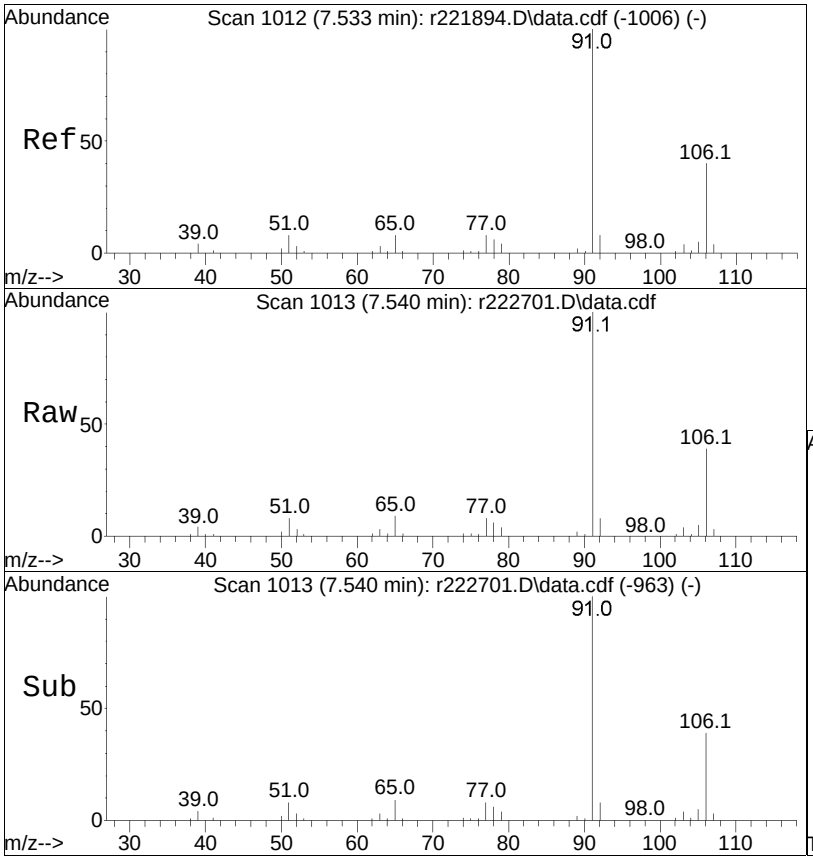


#80
chlorobenzene
Concen: 8.22 ppbV
RT: 7.373 min Scan# 988
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:112 Resp: 458019

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.8	38.6
77	59.2	45.0	67.6

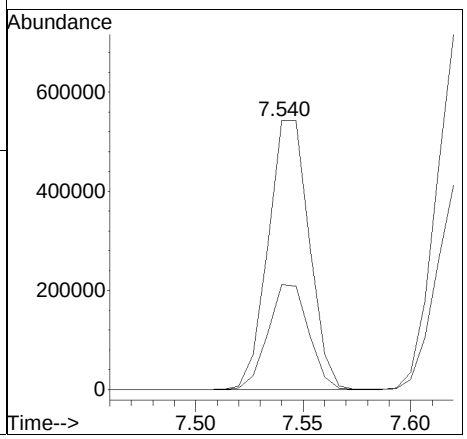


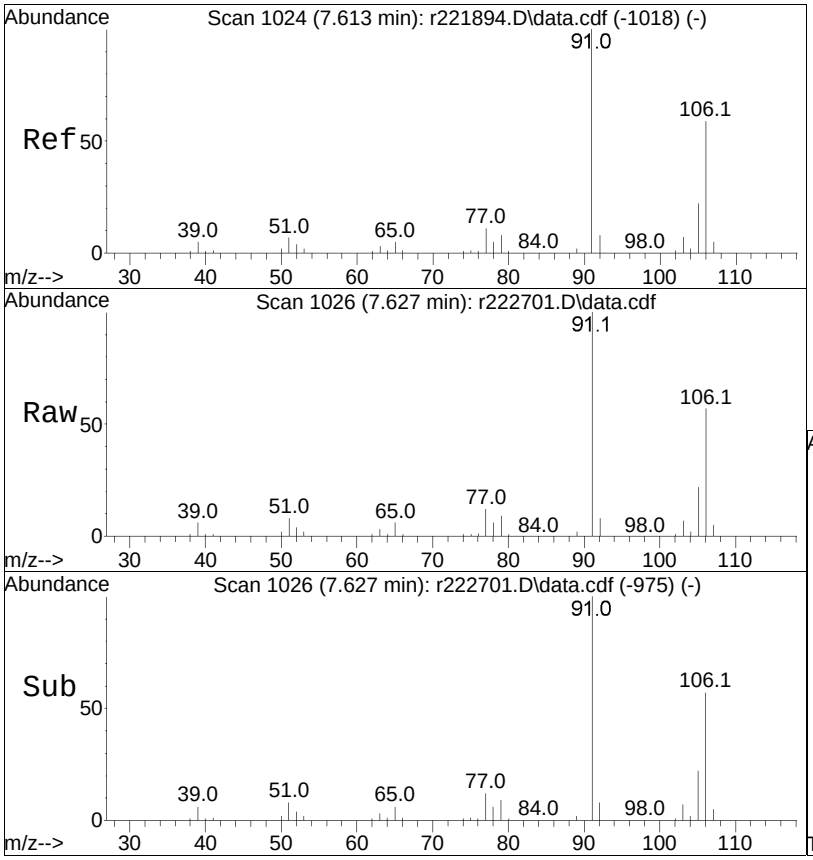


#81
ethylbenzene
Concen: 8.29 ppbV
RT: 7.540 min Scan# 1013
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 91 Resp: 722600

Ion	Ratio	Lower	Upper
91	100		
106	39.0	31.7	47.5

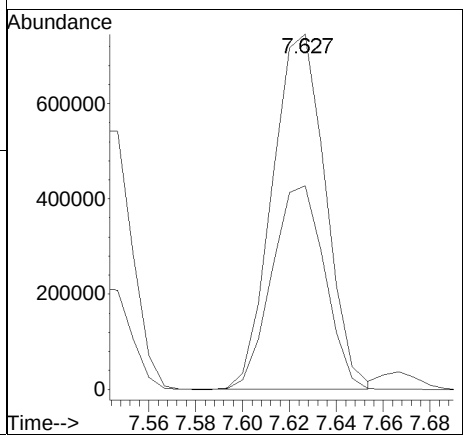


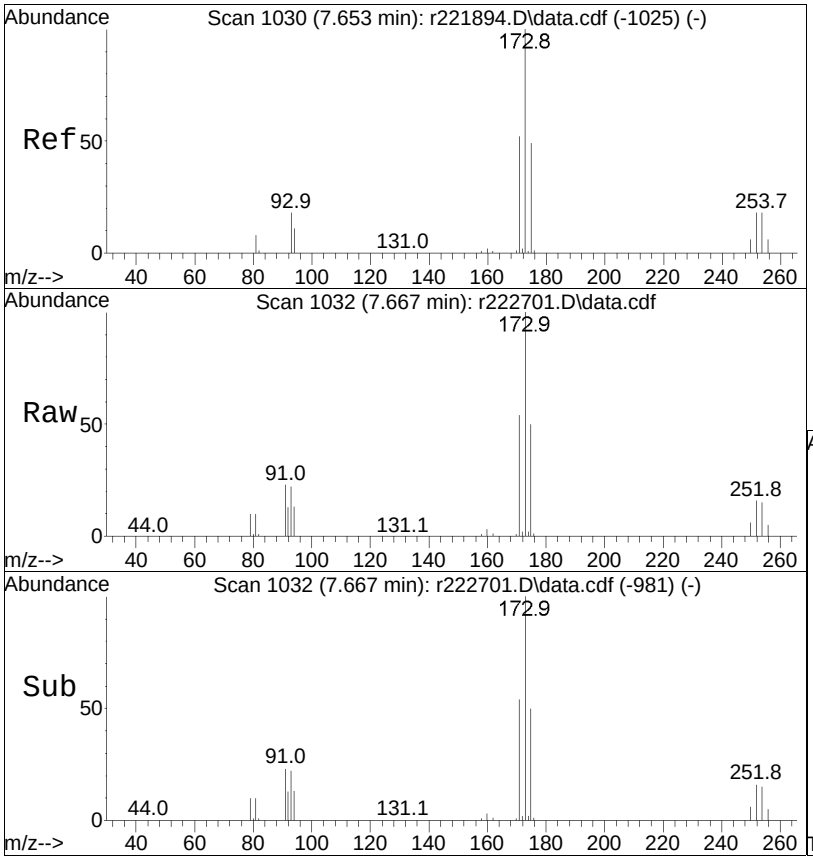


#83
m+p-xylene
Concen: 17.34 ppbV
RT: 7.627 min Scan# 1026
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 91 Resp: 1176715

Ion	Ratio	Lower	Upper
91	100		
106	57.3	47.4	71.2

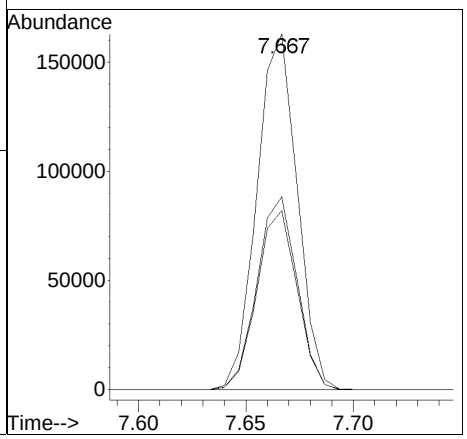


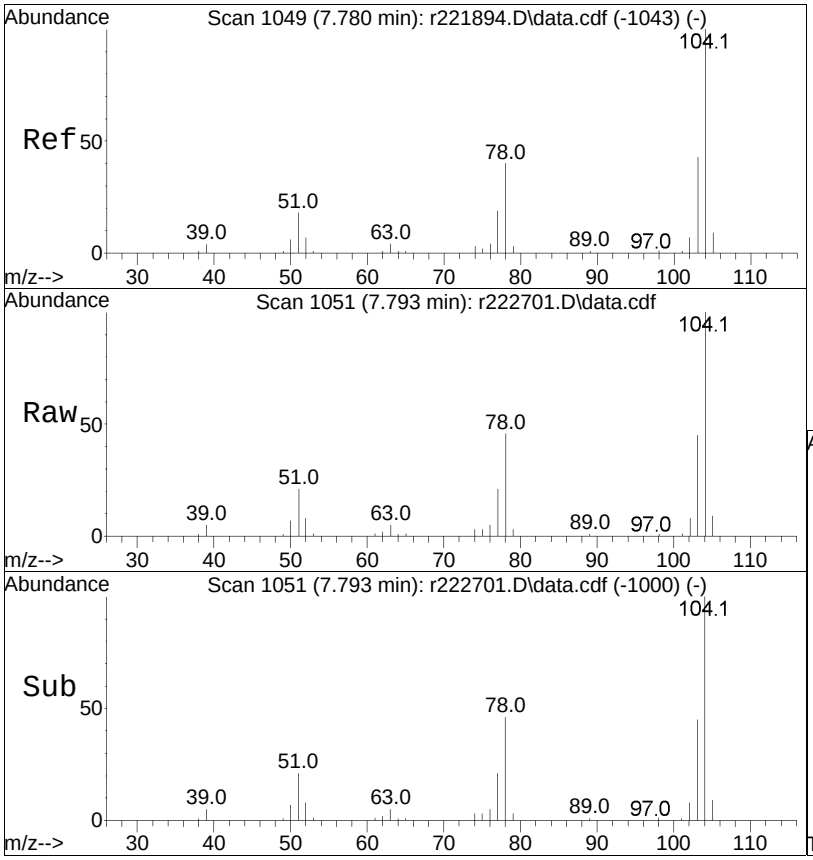


#84
bromoform
Concen: 9.06 ppbV
RT: 7.667 min Scan# 1032
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:173 Resp: 212832

Ion	Ratio	Lower	Upper
173	100		
175	50.3	38.8	58.2
171	54.2	41.7	62.5

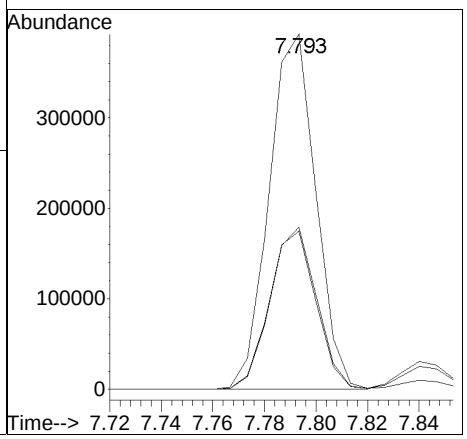


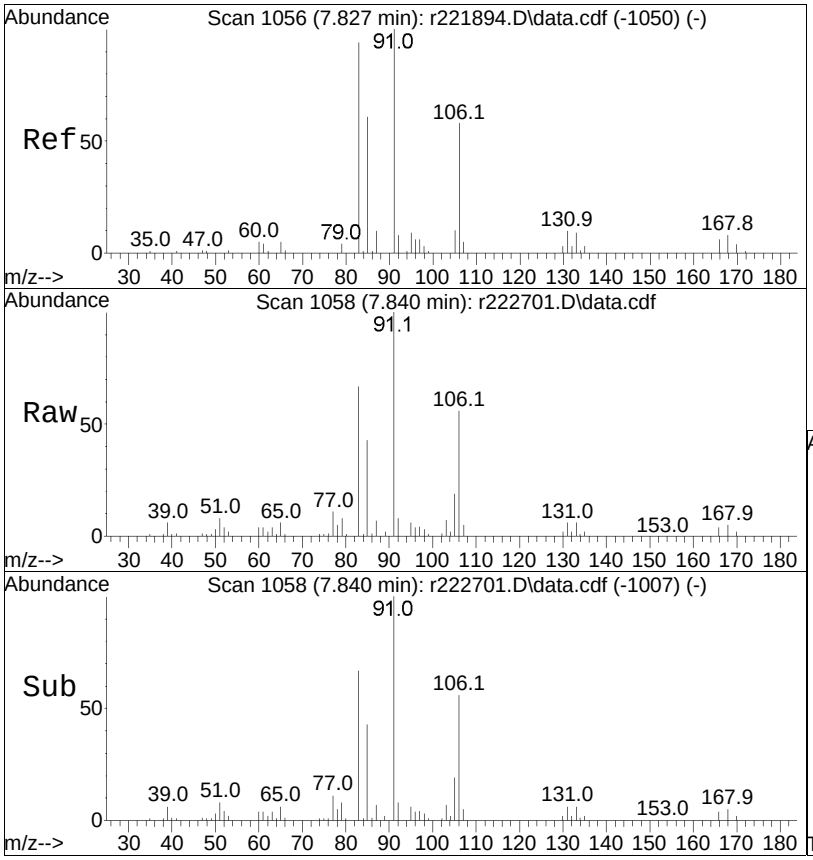


#85
styrene
Concen: 8.13 ppbV
RT: 7.793 min Scan# 1051
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:104 Resp: 494759

Ion	Ratio	Lower	Upper
104	100		
103	44.5	34.3	51.5
78	45.7	32.3	48.5

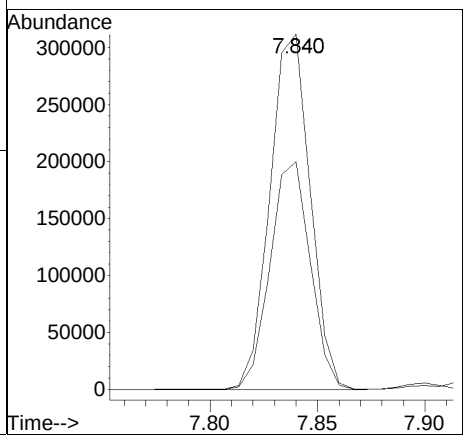


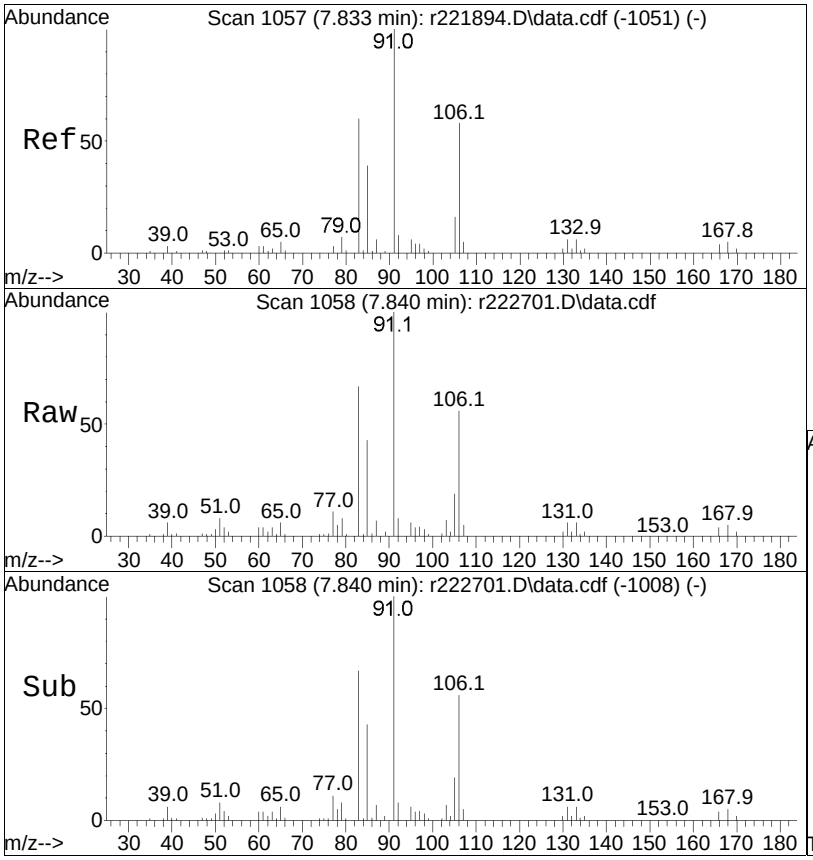


#86
1,1,2,2-tetrachloroethane
Concen: 8.95 ppbV
RT: 7.840 min Scan# 1058
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 83 Resp: 407275

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.8

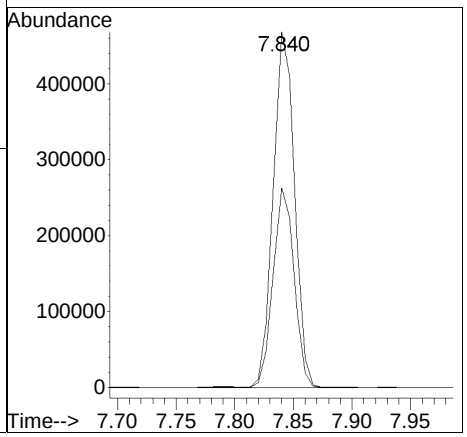


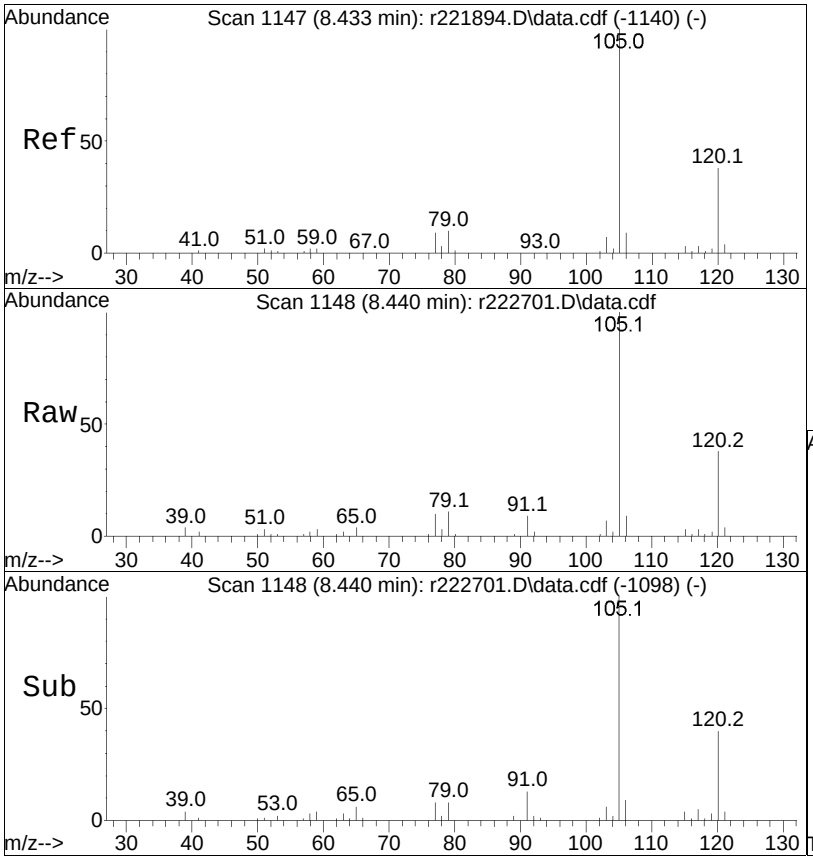


#87
o-xylene
Concen: 8.95 ppbV
RT: 7.840 min Scan# 1058
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 91 Resp: 593110

Ion	Ratio	Lower	Upper
91	100		
106	56.2	46.2	69.4

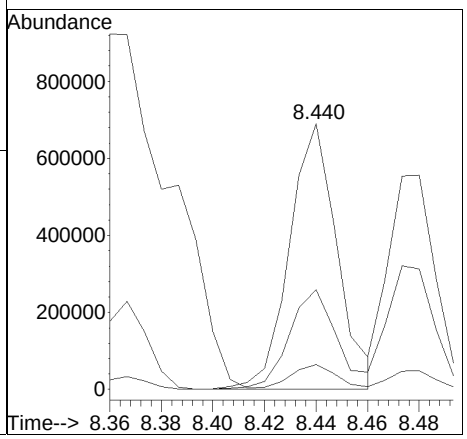


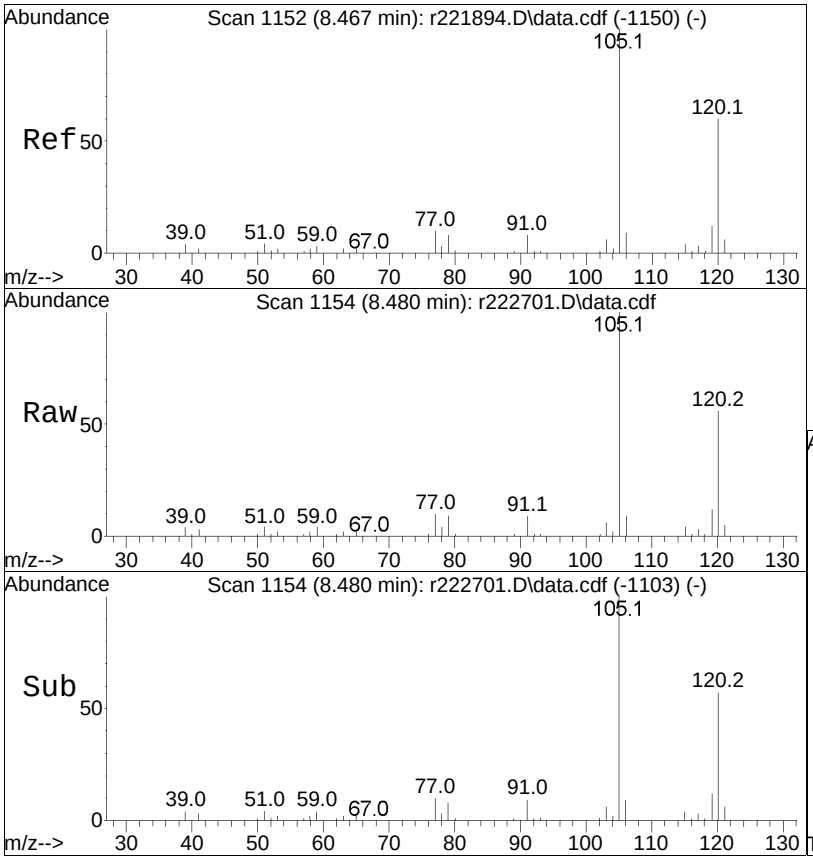


#96
4-ethyl toluene
Concen: 9.07 ppbV
RT: 8.440 min Scan# 1148
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:105 Resp: 887807

Ion	Ratio	Lower	Upper
105	100		
120	37.5	30.7	46.1
91	9.3	7.2	10.8

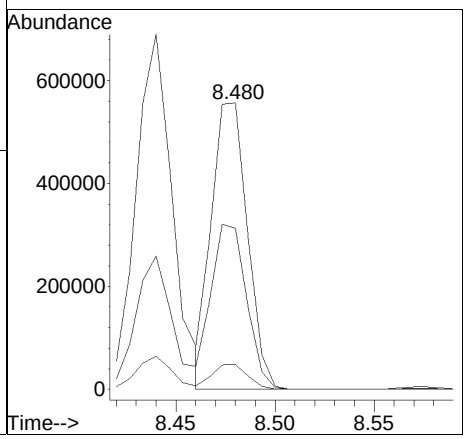


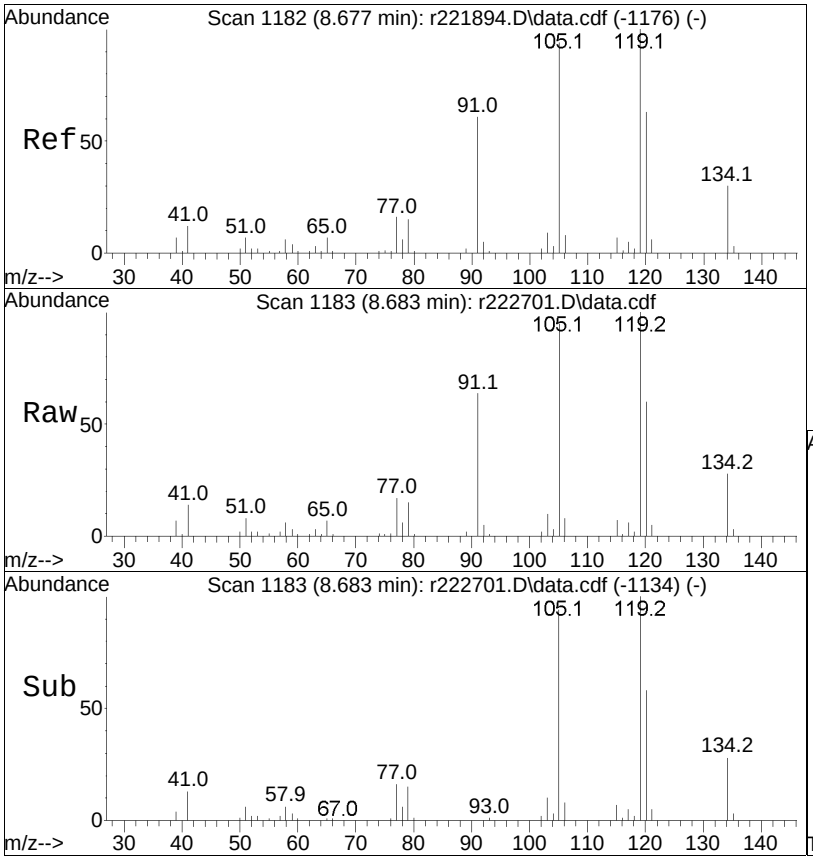


#97
1,3,5-trimethylbenzene
Concen: 8.75 ppbV
RT: 8.480 min Scan# 1154
Delta R.T. 0.013 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:105 Resp: 701303

Ion	Ratio	Lower	Upper
105	100		
120	56.3	47.8	71.8
91	8.7	6.6	10.0

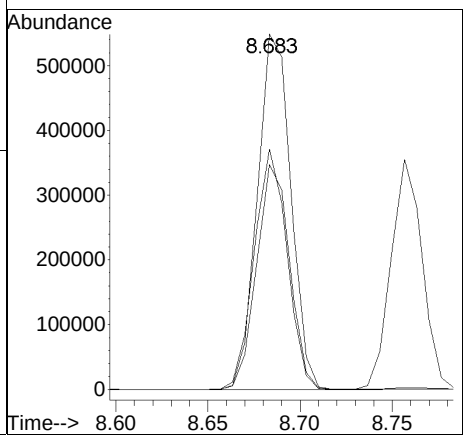


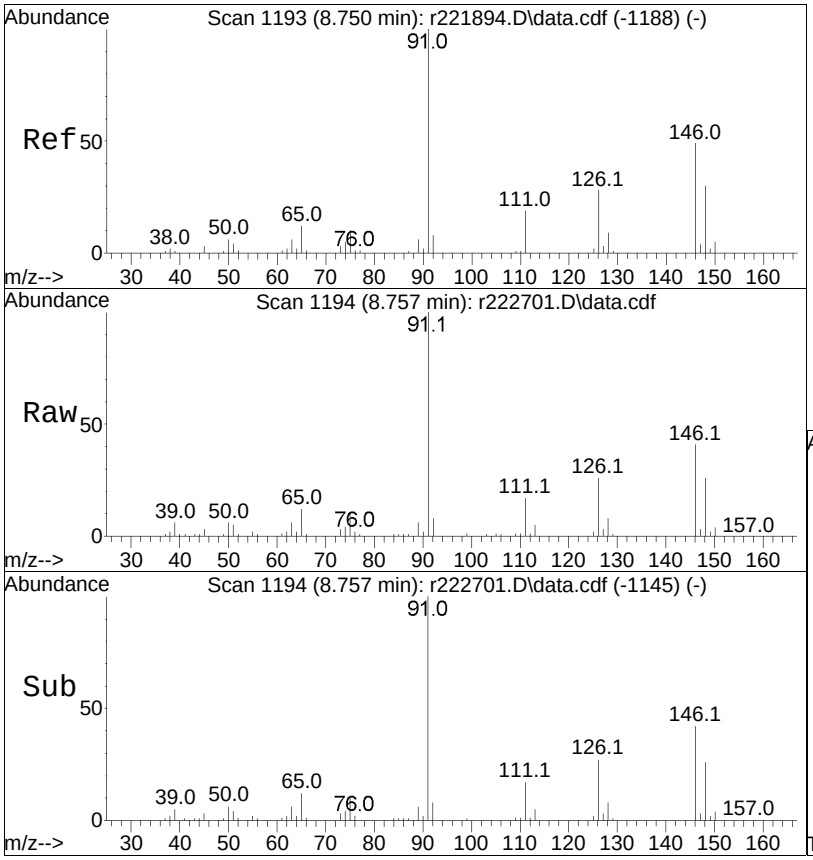


#99
1,2,4-trimethylbenzene
Concen: 9.05 ppbV
RT: 8.683 min Scan# 1183
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:105 Resp: 693460

Ion	Ratio	Lower	Upper
105	100		
120	63.3	53.8	80.8
91	67.6	52.2	78.2

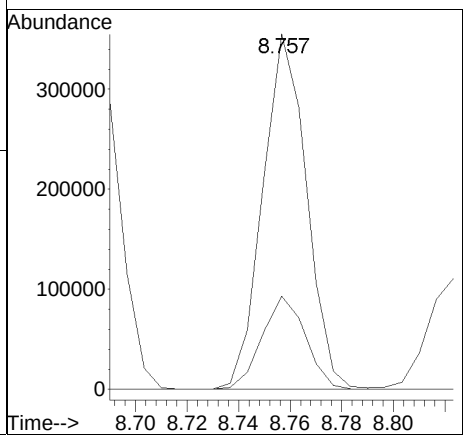


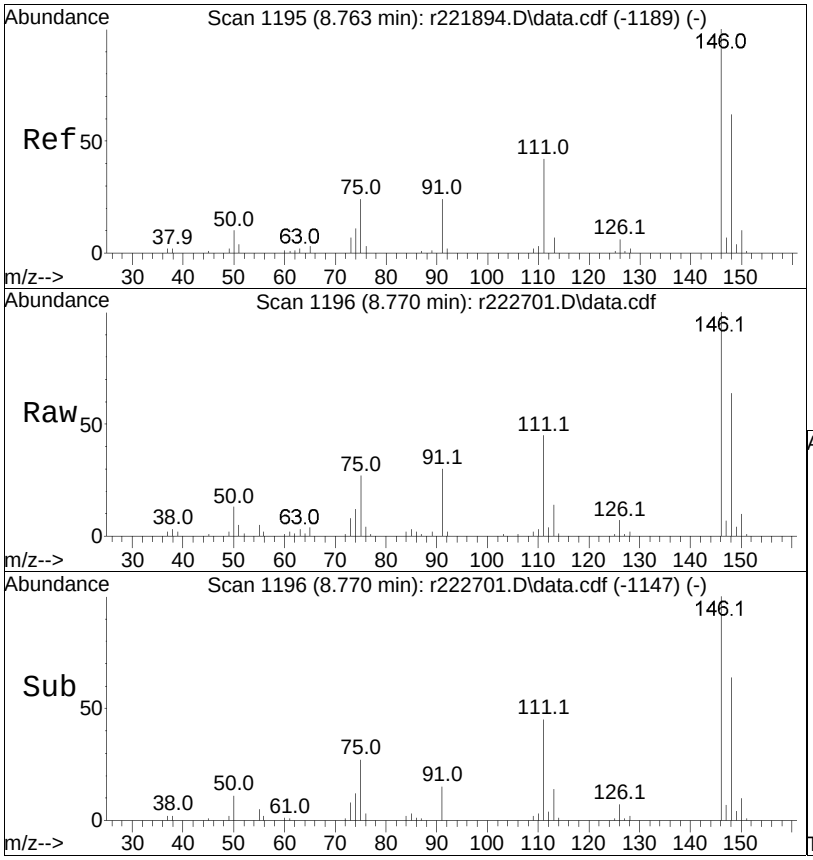


#101
Benzyl Chloride
Concen: 9.12 ppbV
RT: 8.757 min Scan# 1194
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion: 91 Resp: 419303

Ion	Ratio	Lower	Upper
91	100		
126	26.2	22.4	33.6

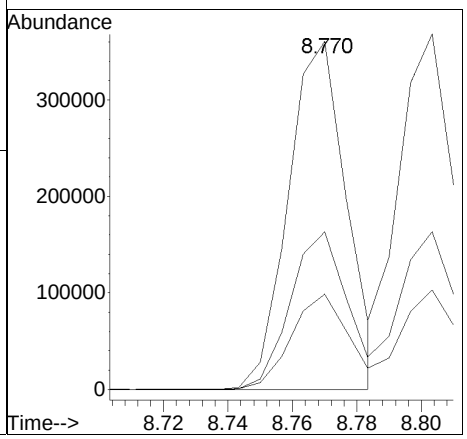


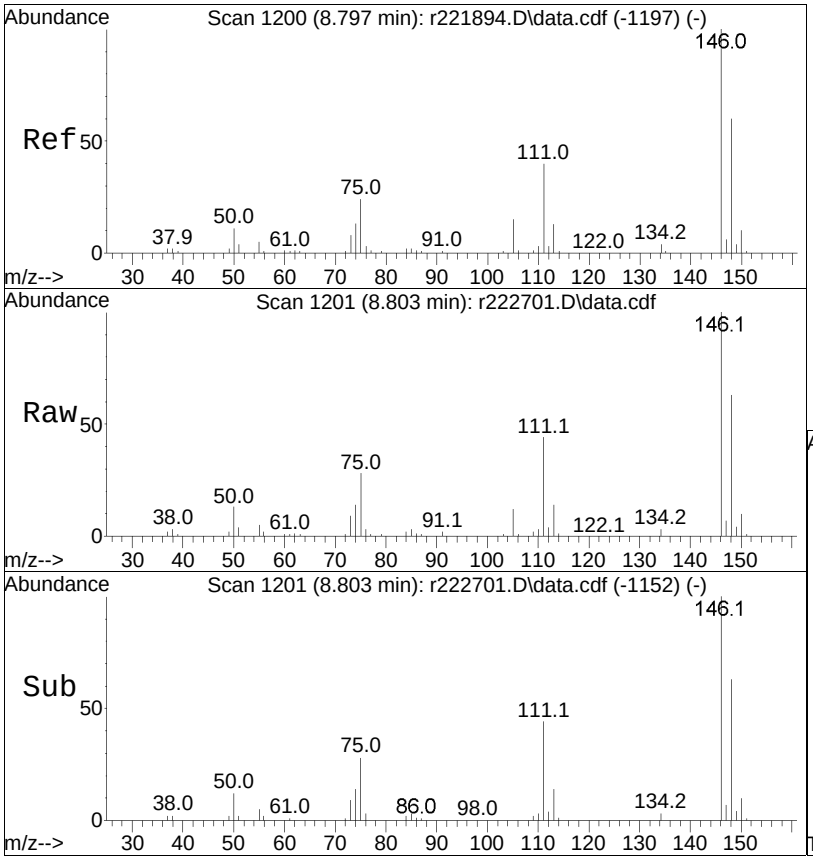


#102
1,3-dichlorobenzene
Concen: 8.05 ppbV
RT: 8.770 min Scan# 1196
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:146 Resp: 452612

Ion	Ratio	Lower	Upper
146	100		
111	45.3	33.8	50.8
75	27.4	19.2	28.8

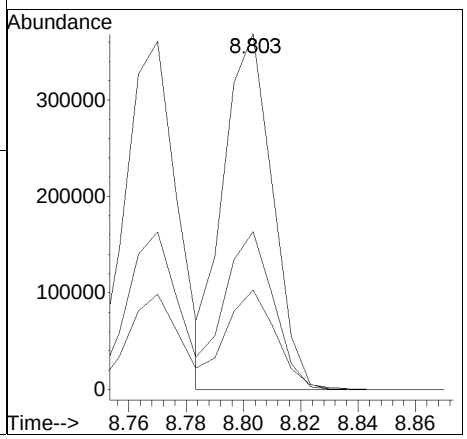


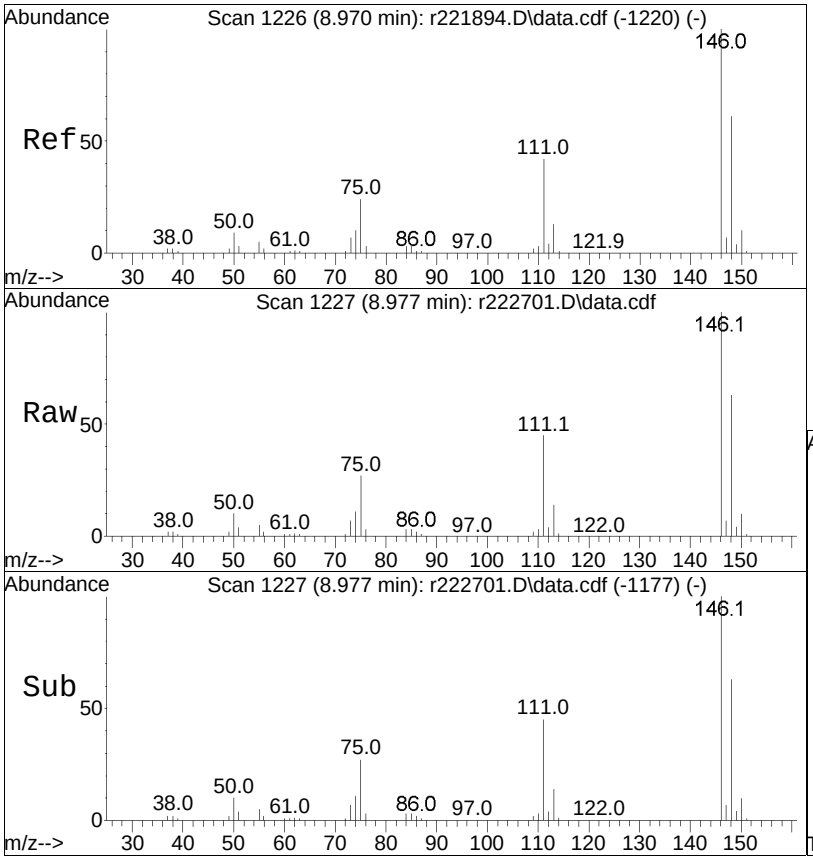


#103
1,4-dichlorobenzene
Concen: 8.12 ppbV
RT: 8.803 min Scan# 1201
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:146 Resp: 438237

Ion	Ratio	Lower	Upper
146	100		
111	44.4	32.6	49.0
75	28.0	19.7	29.5

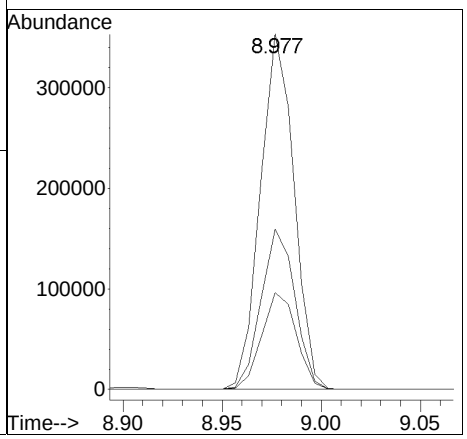


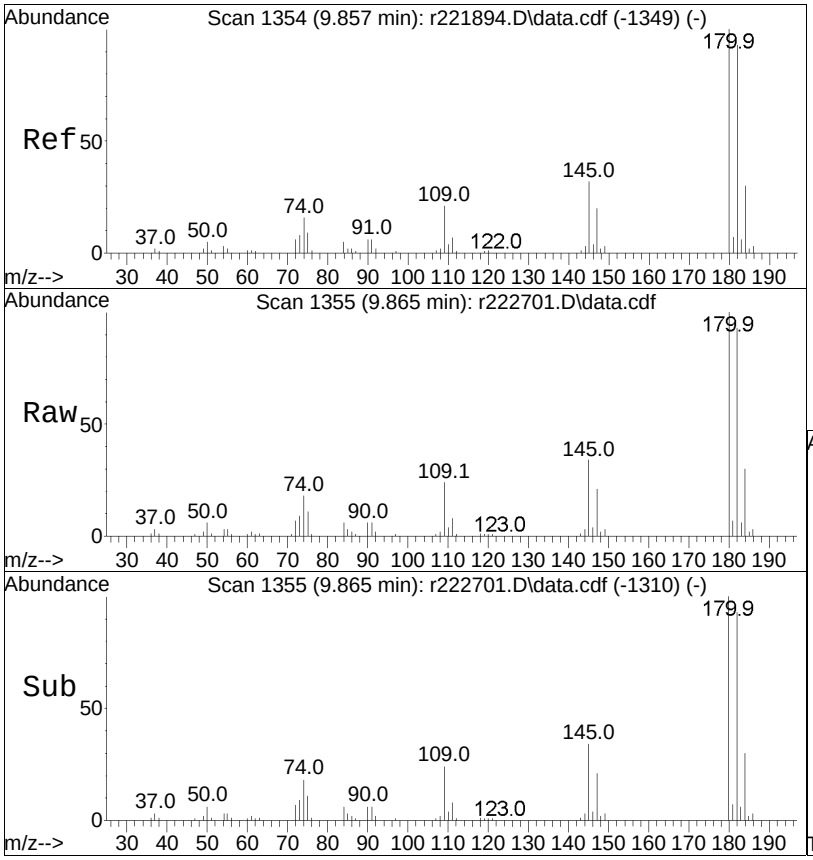


#107
1,2-dichlorobenzene
Concen: 7.89 ppbV
RT: 8.977 min Scan# 1227
Delta R.T. 0.007 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:146 Resp: 416809

Ion	Ratio	Lower	Upper
146	100		
111	45.1	33.5	50.3
75	27.2	18.8	28.2

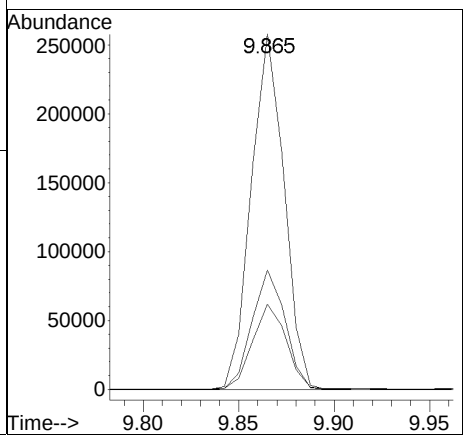


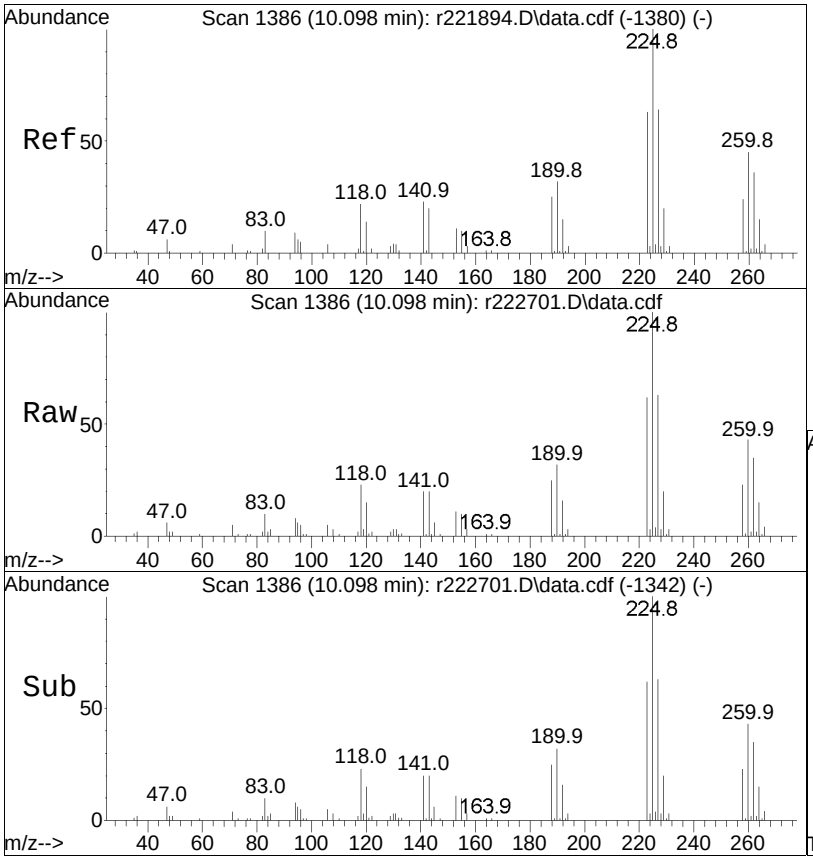


#115
1,2,4-trichlorobenzene
Concen: 7.44 ppbV
RT: 9.865 min Scan# 1355
Delta R.T. 0.008 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:180 Resp: 308927

Ion	Ratio	Lower	Upper
180	100		
145	33.6	25.6	38.4
109	24.0	17.0	25.4

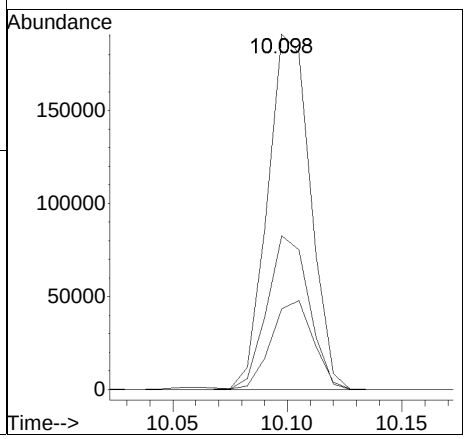




#119
hexachlorobutadiene
Concen: 7.76 ppbV
RT: 10.098 min Scan# 1386
Delta R.T. 0.000 min
Lab File: r222701.D
Acq: 28 Feb 2024 12:10 PM

Tgt Ion:225 Resp: 247432

Ion	Ratio	Lower	Upper
225	100		
260	43.2	36.3	54.5
118	22.7	18.4	27.6



Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222713.D
Acq On : 28 Feb 2024 9:31 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-5,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:25:38 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	4.470	49	200867	10.000	ppbV	0.02
Standard Area = 218491			Recovery =		91.93%	
43) 1,4-difluorobenzene	5.397	114	632170	10.000	ppbV	0.02
Standard Area = 693129			Recovery =		91.21%	
67) chlorobenzene-D5	7.360	54	83004	10.000	ppbV #	0.01
Standard Area = 86392			Recovery =		96.08%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	2.230	85	7900	0.488	ppbV	97
6) chloromethane	2.335	50	4867	0.554	ppbV	99
7) Freon-114	2.395		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	2.770	31	14159	4.389	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	2.998	43	51392M6	7.952	ppbV	
21) trichlorofluoromethane	3.079	101	2069	0.240	ppbV	93
22) isopropyl alcohol	3.109	45	8389	0.783	ppbV #	97
27) tertiary butyl alcohol	3.405	59	1244	0.052	ppbV #	76
28) methylene chloride	3.435	49	9579	0.602	ppbV	93
29) 3-chloropropene	3.440		0	N.D.		
30) carbon disulfide	3.585	76	2651	0.060	ppbV #	33
31) Freon 113	3.565	101	1541	0.064	ppbV	96
32) trans-1,2-dichloroethene	3.990		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	4.023	73	2113M4	0.056	ppbV	
36) 2-butanone	4.183	43	9514	0.292	ppbV	97
38) Ethyl Acetate	4.503		0	N.D.		
39) chloroform	4.537		0	N.D.		
40) Tetrahydrofuran	4.737	42	4968	0.239	ppbV	95
42) 1,2-dichloroethane	4.890		0	N.D.		
44) hexane	4.497	57	4998	0.224	ppbV #	13
50) benzene	5.230	78	7011	0.149	ppbV	96
53) cyclohexane	5.370		0	N.D.		
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222713.D
Acq On : 28 Feb 2024 9:31 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-5,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:25:38 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab22\2024\02\0228T\r222701.D
Sub List : TO15-NY-7-SIM - .

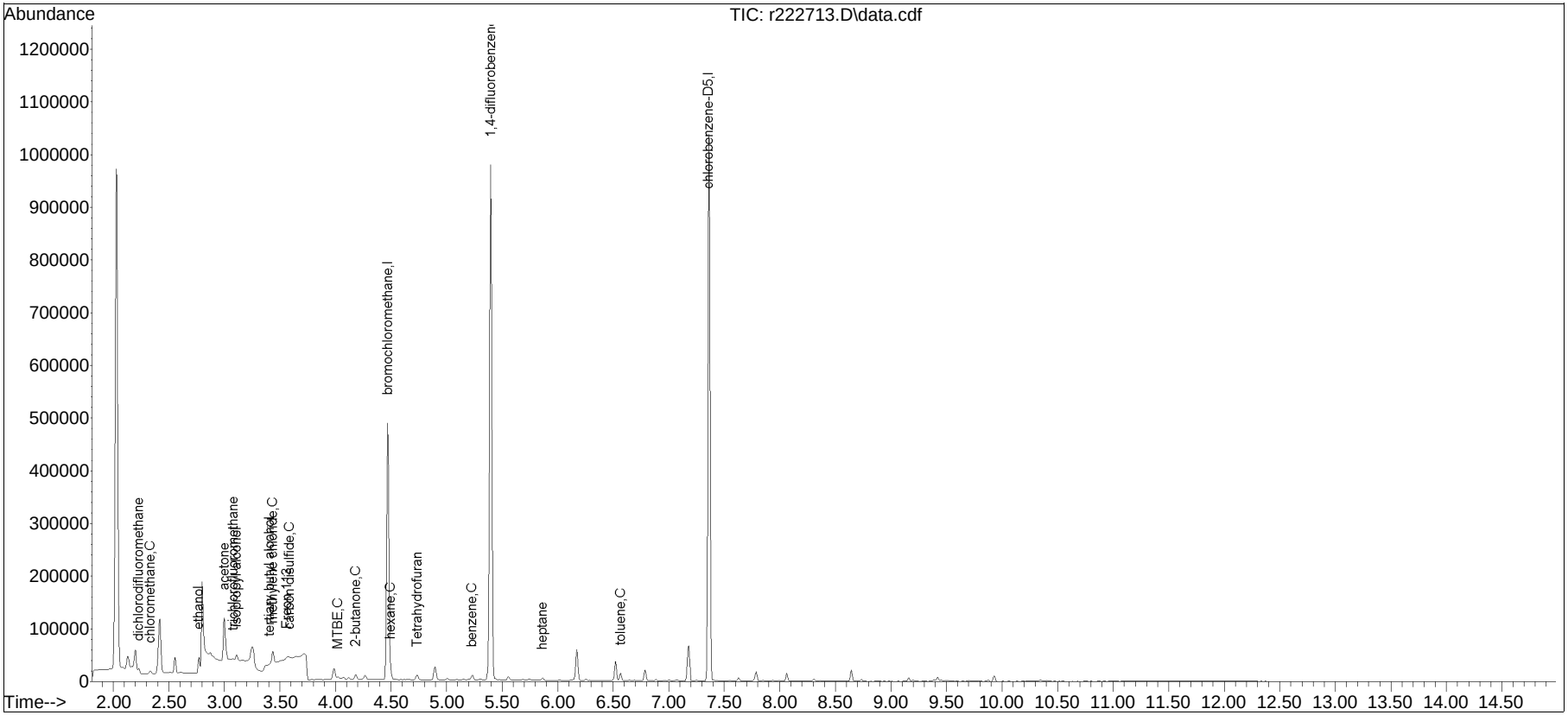
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 1,4-dioxane	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	5.743		0	N.D.		
62) heptane	5.863	43	1490M6	0.053	ppbV	
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	6.147		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	6.527		0	N.D.		
68) toluene	6.567	91	7070	0.102	ppbV	97
72) 2-hexanone	6.647		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	7.547		0	N.D.		
83) m+p-xylene	7.627		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	7.800		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	7.847		0	N.D.		
96) 4-ethyl toluene	8.427		0	N.D.		
97) 1,3,5-trimethylbenzene	8.480		0	N.D.		
99) 1,2,4-trimethylbenzene	8.690		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.		
119) hexachlorobutadiene	0.000		0	N.D.		

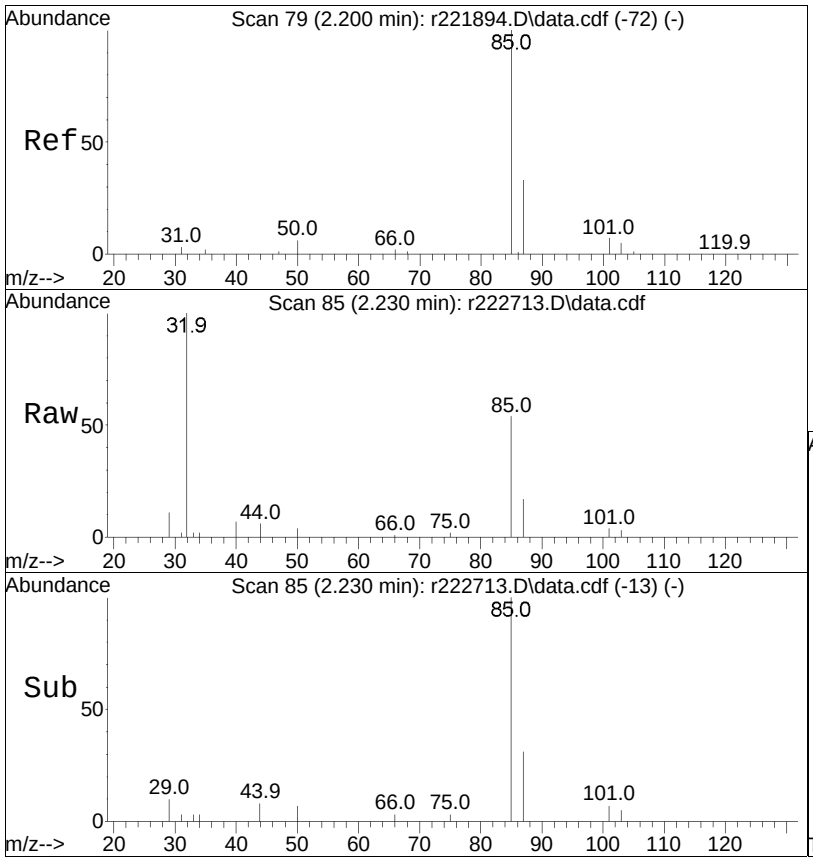
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airlab22\2024\02\0228T\r222701.D

Data Path : O:\Forensics\Data\Airlab22\2024\02\0228T\
Data File : r222713.D
Acq On : 28 Feb 2024 9:31 PM
Operator : AIRLAB22:JMB
Sample : WG1890350-5,3,250,250
Misc : WG1890350,ICAL20613
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 29 06:25:38 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\02\0228T\TFS22_231129.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 01 08:46:46 2023
Response via : Initial Calibration

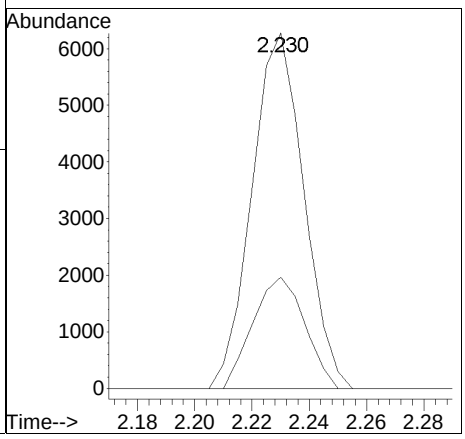


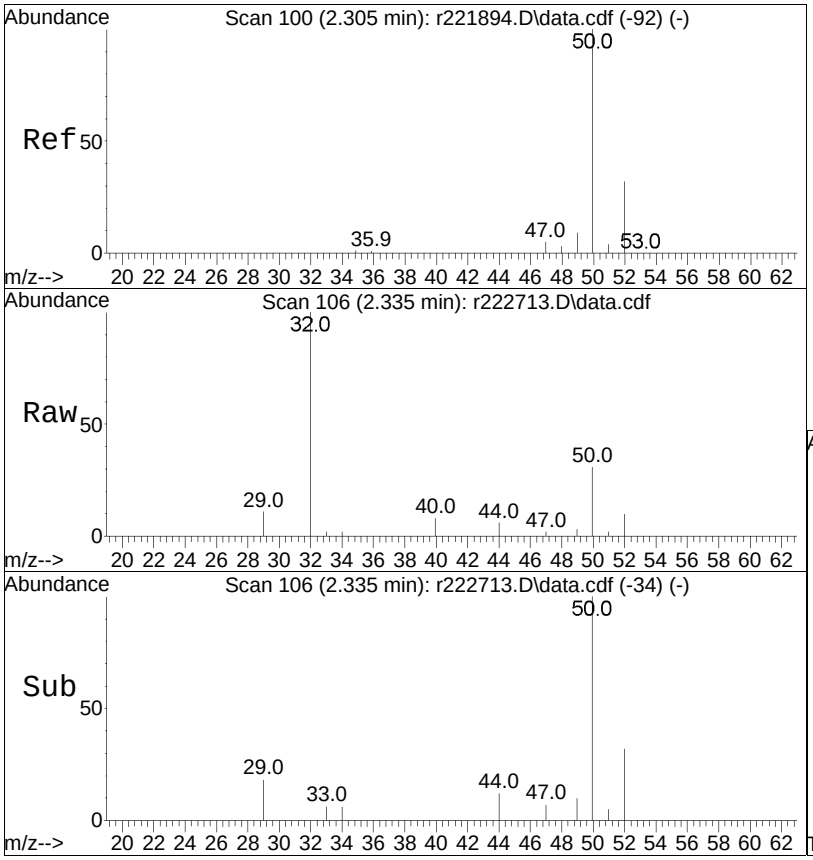


#5
dichlorodifluoromethane
Concen: 0.49 ppbV
RT: 2.230 min Scan# 85
Delta R.T. 0.030 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 85 Resp: 7900

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.3	39.5

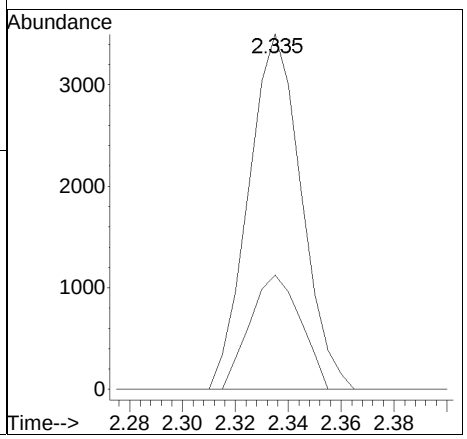


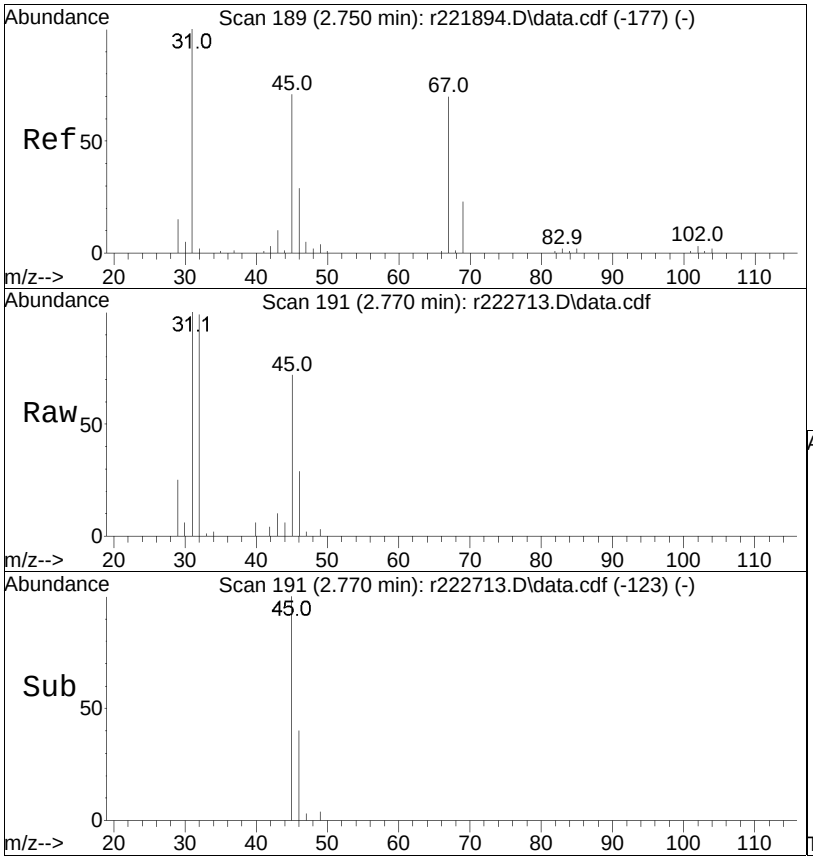


#6
chloromethane
Concen: 0.55 ppbV
RT: 2.335 min Scan# 106
Delta R.T. 0.030 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 50 Resp: 4867

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.5	38.3

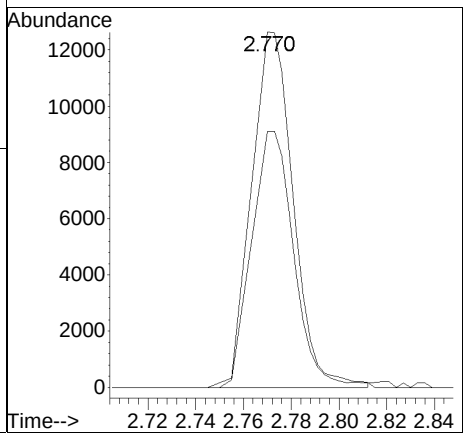


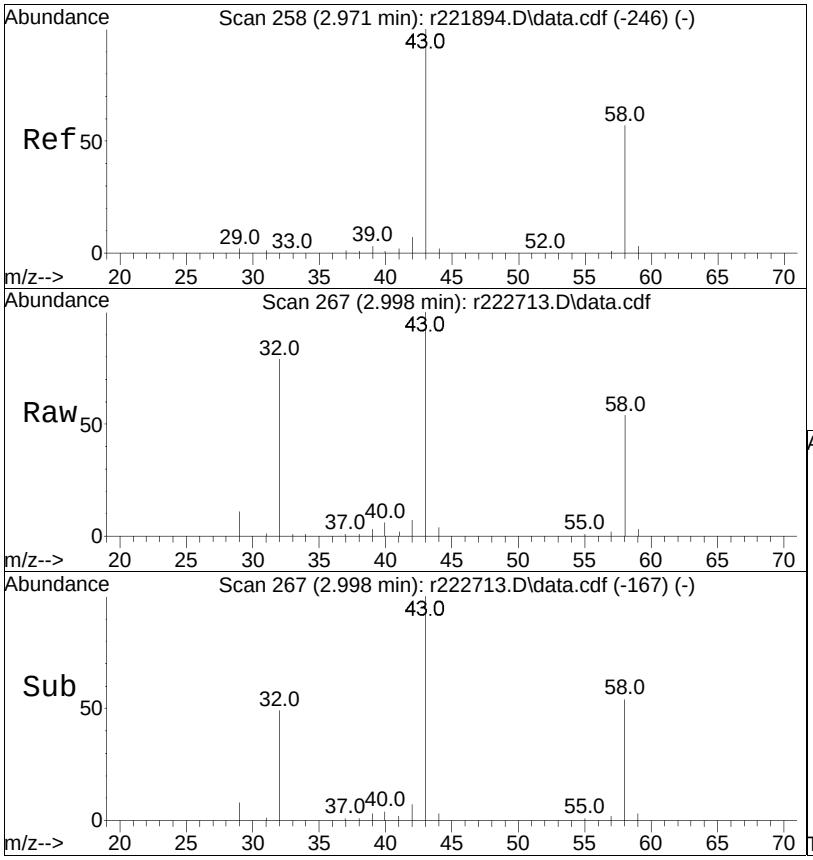


#15
ethanol
Concen: 4.39 ppbV
RT: 2.770 min Scan# 191
Delta R.T. 0.020 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 31 Resp: 14159

Ion	Ratio	Lower	Upper
31	100		
45	72.0	56.6	84.8

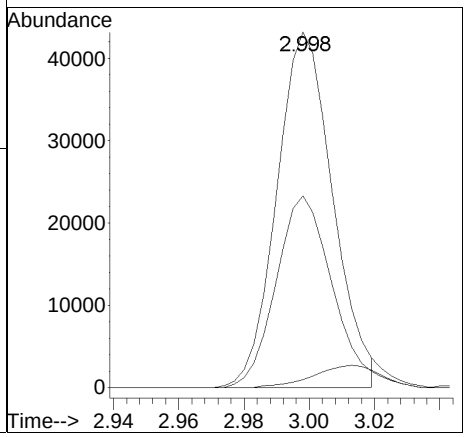


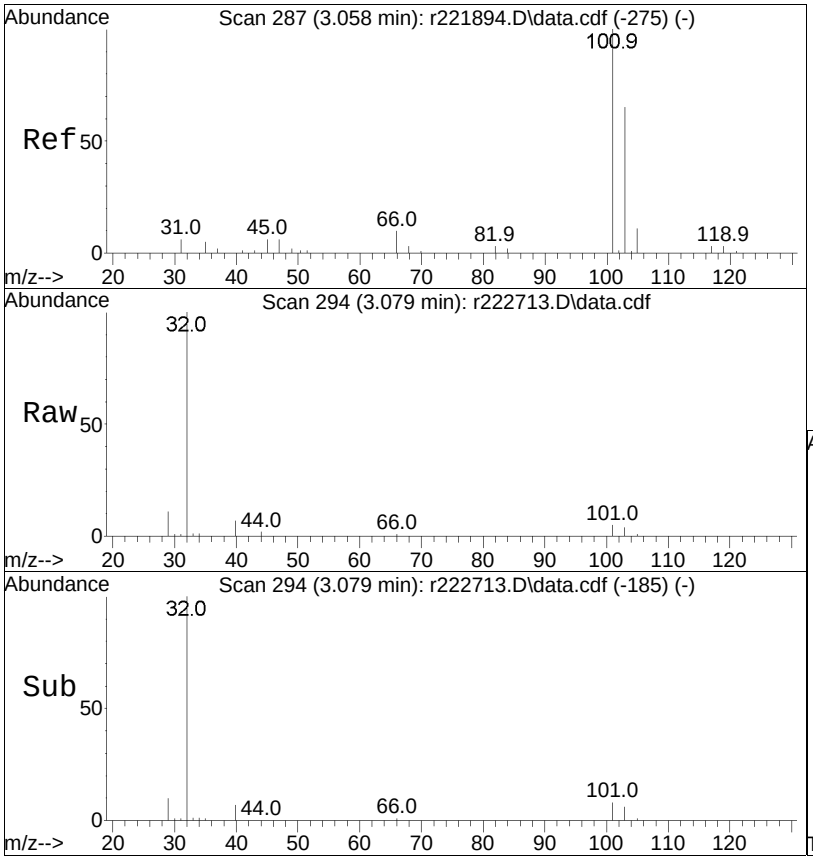


#19
acetone
Concen: 7.95 ppbV m
RT: 2.998 min Scan# 267
Delta R.T. 0.027 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 43 Resp: 51392

Ion	Ratio	Lower	Upper
43	100		
58	53.9	45.5	68.3
57	2.2	1.0	1.6#

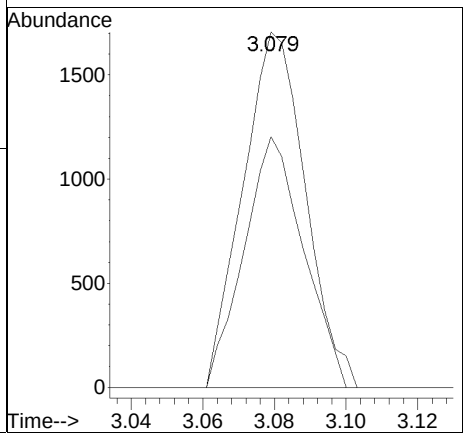


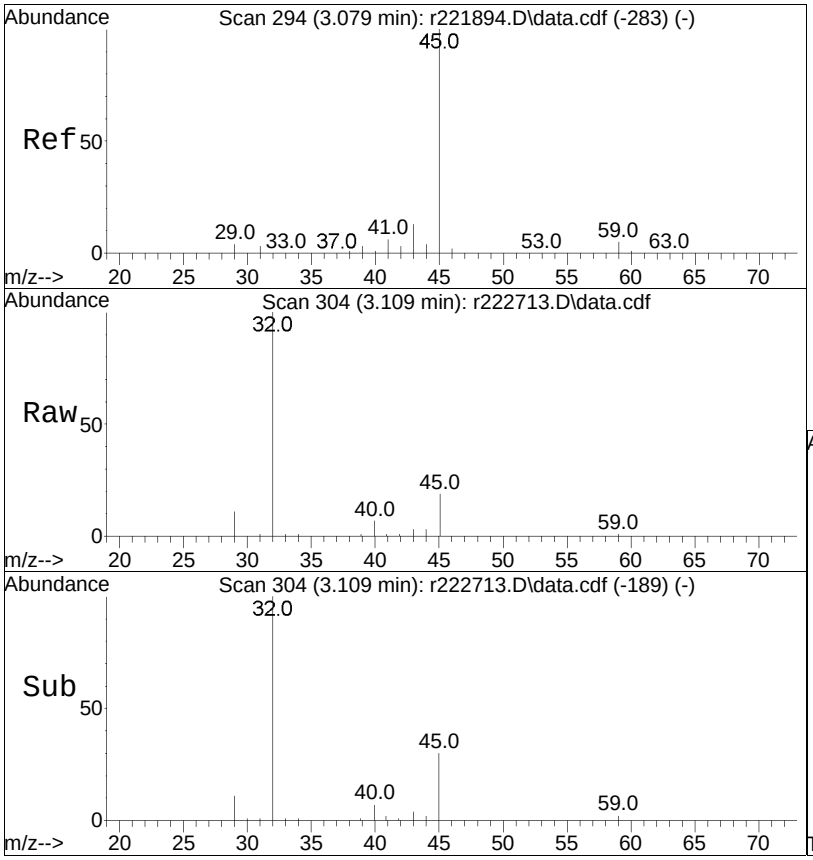


#21
trichlorofluoromethane
Concen: 0.24 ppbV
RT: 3.079 min Scan# 294
Delta R.T. 0.021 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion:101 Resp: 2069

Ion	Ratio	Lower	Upper
101	100		
103	70.6	52.2	78.4

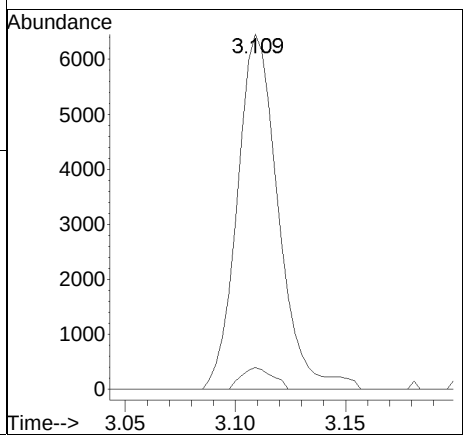


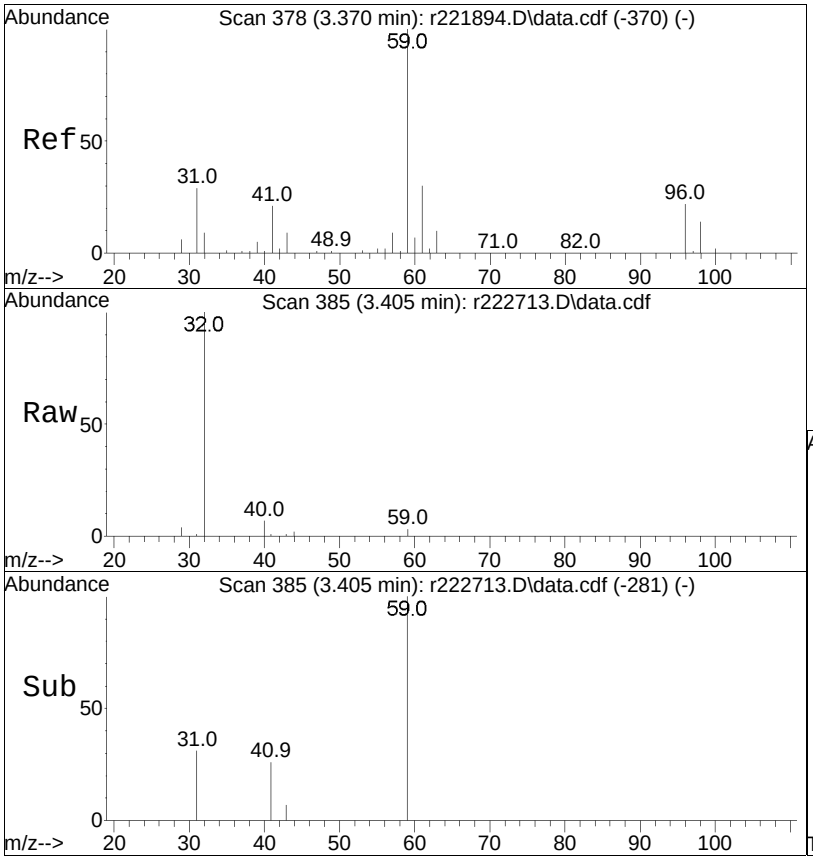


#22
isopropyl alcohol
Concen: 0.78 ppbV
RT: 3.109 min Scan# 304
Delta R.T. 0.030 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 45 Resp: 8389

Ion	Ratio	Lower	Upper
45	100		
59	6.2	4.0	6.0#

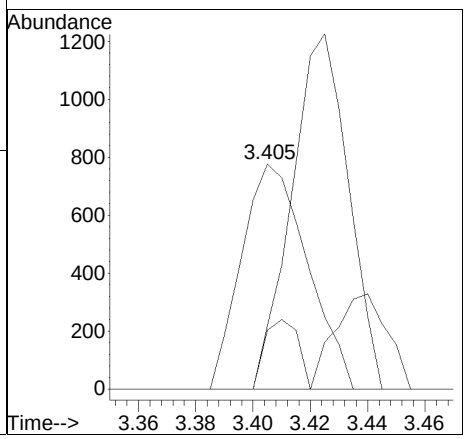


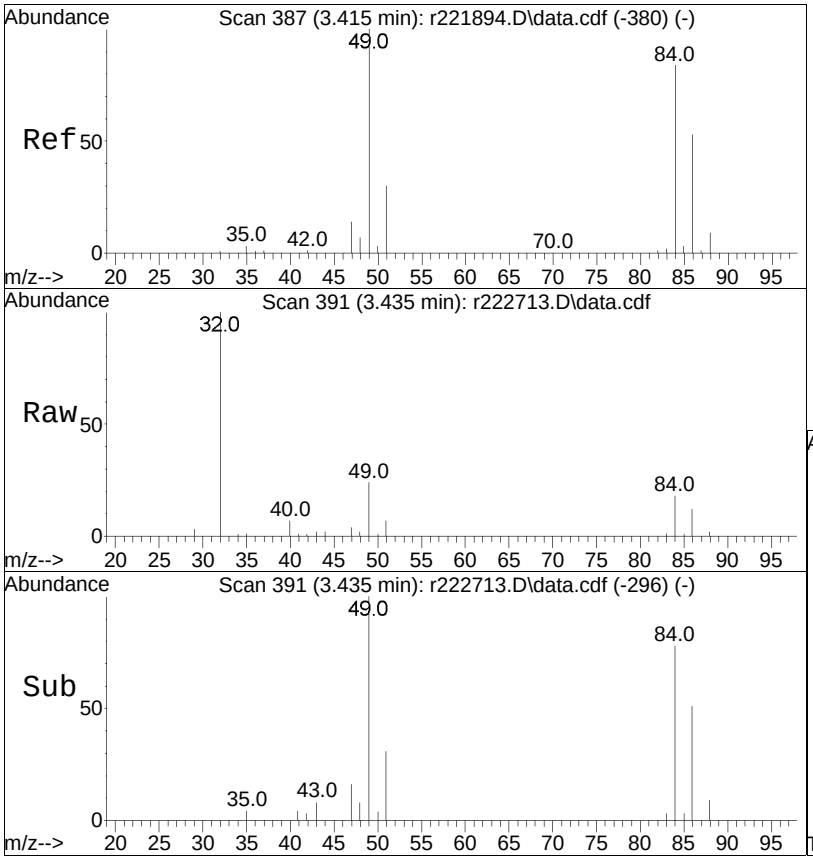


#27
tertiary butyl alcohol
Concen: 0.05 ppbV
RT: 3.405 min Scan# 385
Delta R.T. 0.035 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 59 Resp: 1244

Ion	Ratio	Lower	Upper
59	100		
41	26.3	16.9	25.3#
43	28.3	7.5	11.3#

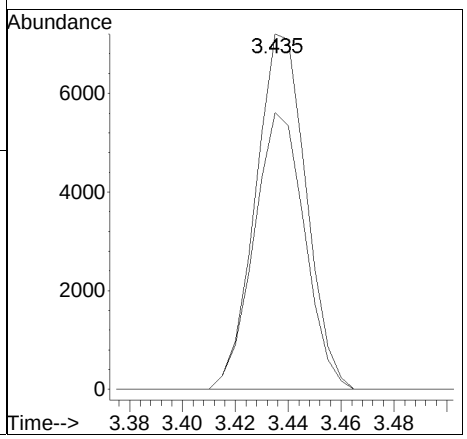


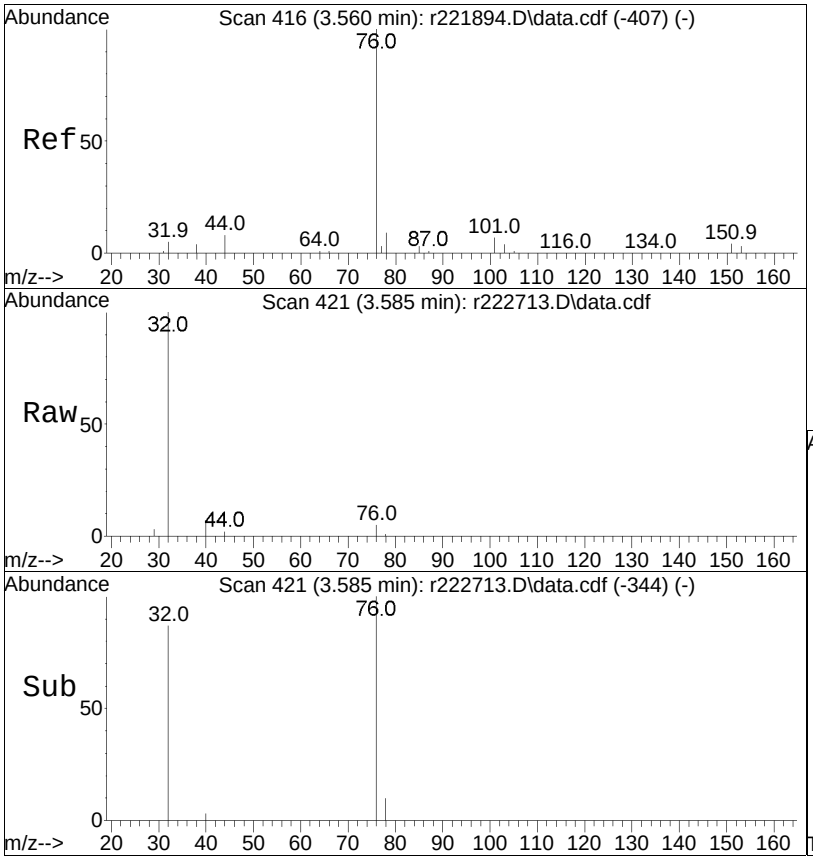


#28
methylene chloride
Concen: 0.60 ppbV
RT: 3.435 min Scan# 391
Delta R.T. 0.020 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 49 Resp: 9579

Ion	Ratio	Lower	Upper
49	100		
84	77.9	67.2	100.8

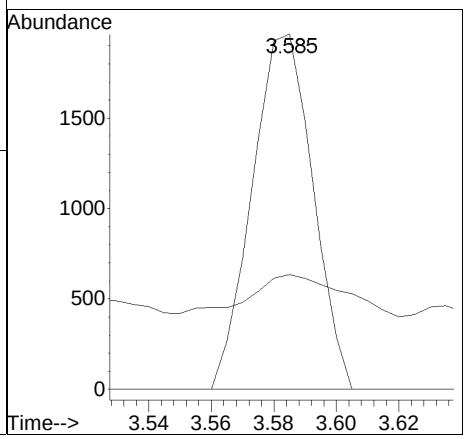


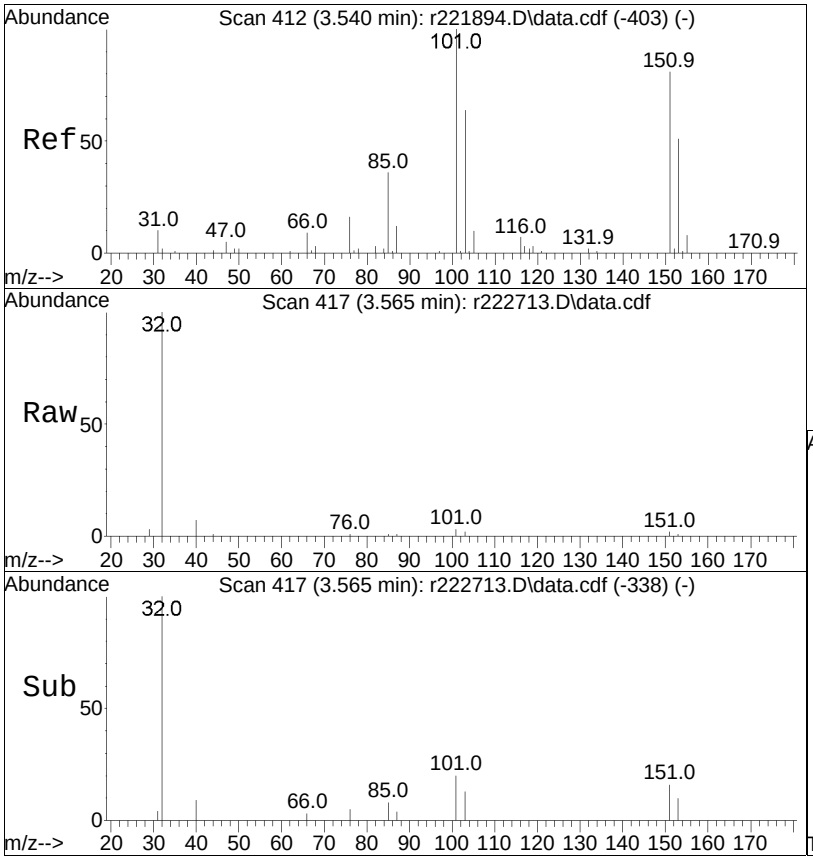


#30
carbon disulfide
Concen: 0.06 ppbV
RT: 3.585 min Scan# 421
Delta R.T. 0.025 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 76 Resp: 2651

Ion	Ratio	Lower	Upper
76	100		
44	32.3	6.8	10.2#

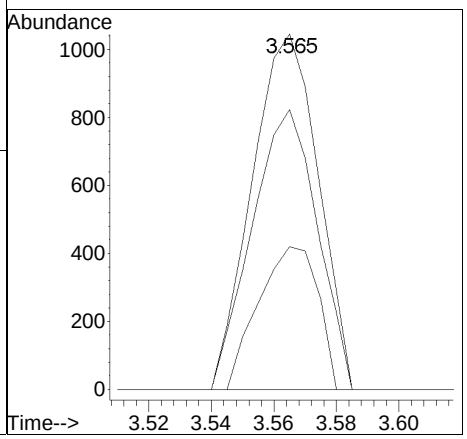


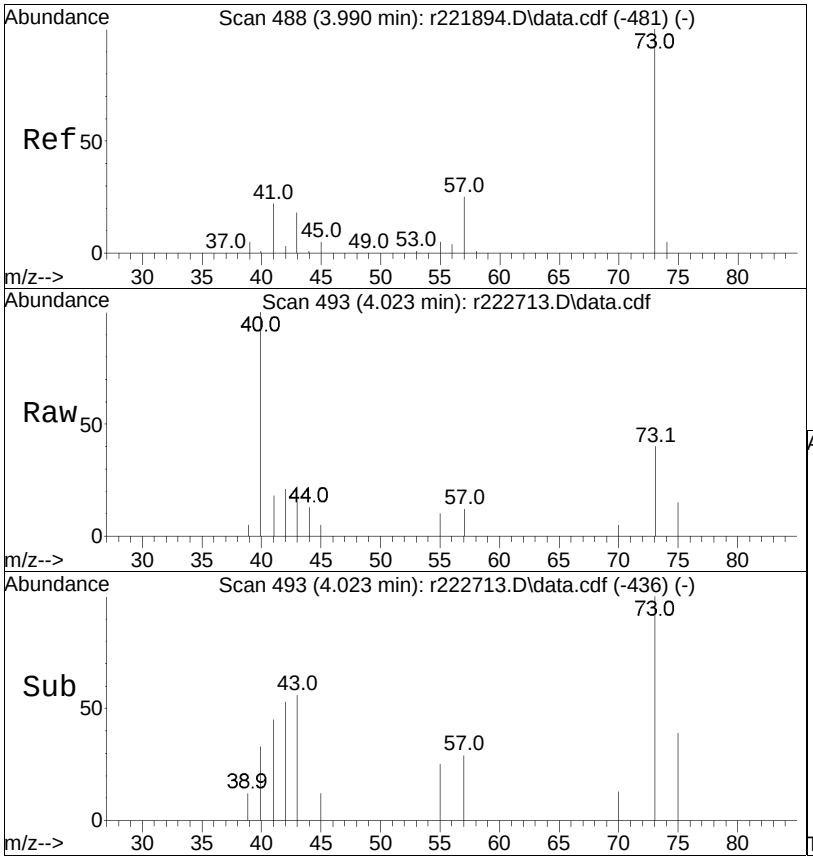


#31
Freon 113
Concen: 0.06 ppbV
RT: 3.565 min Scan# 417
Delta R.T. 0.025 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion:101 Resp: 1541

Ion	Ratio	Lower	Upper
101	100		
85	40.2	28.6	43.0
151	78.8	64.6	97.0

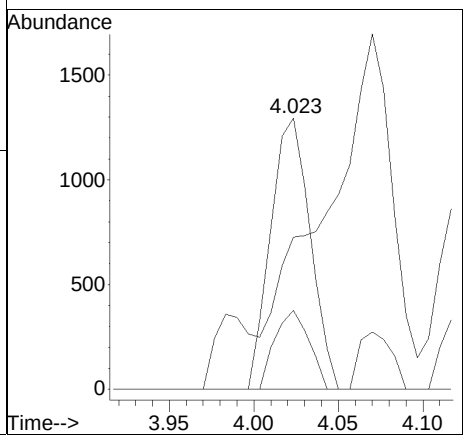


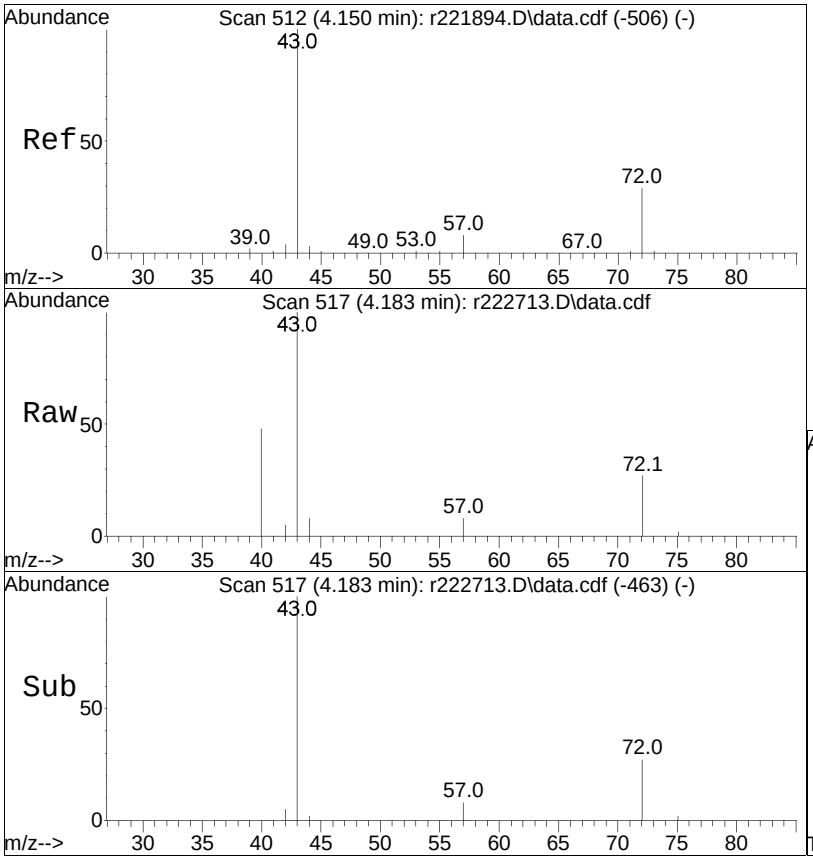


#34
MTBE
Concen: 0.06 ppbV m
RT: 4.023 min Scan# 493
Delta R.T. 0.033 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 73 Resp: 2113

Ion	Ratio	Lower	Upper
73	100		
57	29.1	19.8	29.6
43	56.1	14.1	21.1#

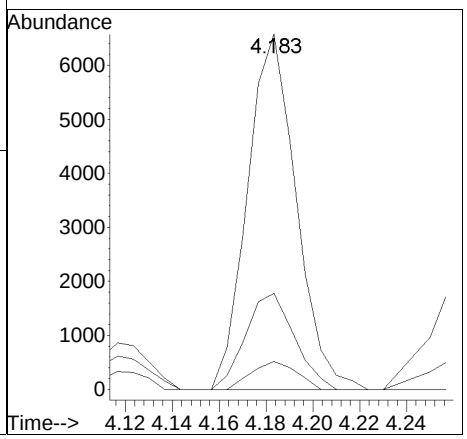


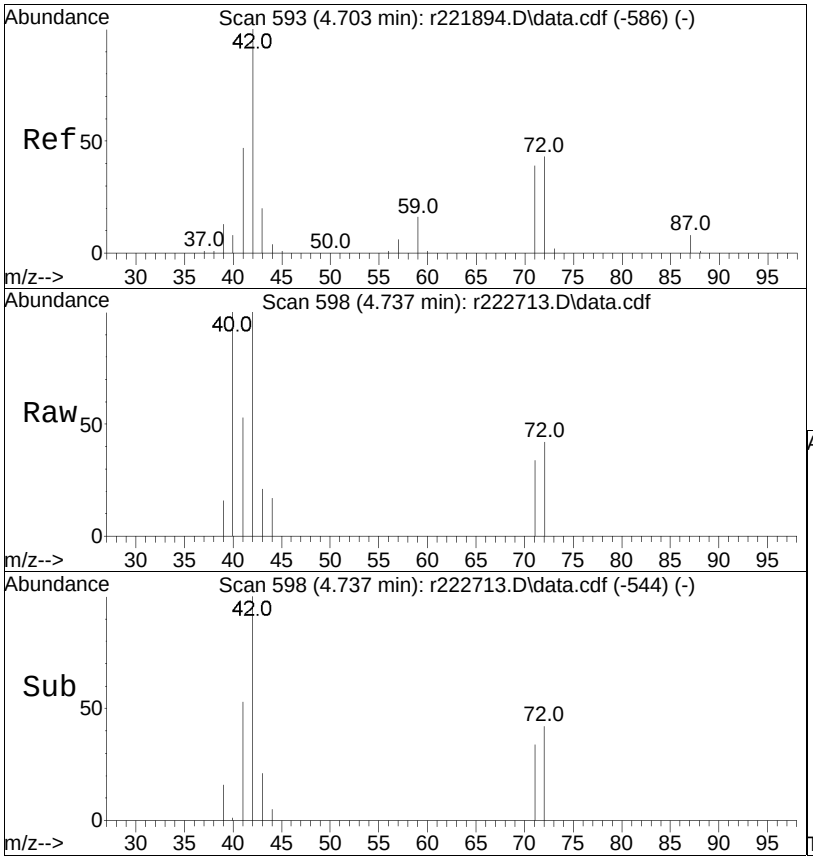


#36
2-butanone
Concen: 0.29 ppbV
RT: 4.183 min Scan# 517
Delta R.T. 0.033 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 43 Resp: 9514

Ion	Ratio	Lower	Upper
43	100		
72	27.0	23.0	34.6
57	7.9	6.3	9.5

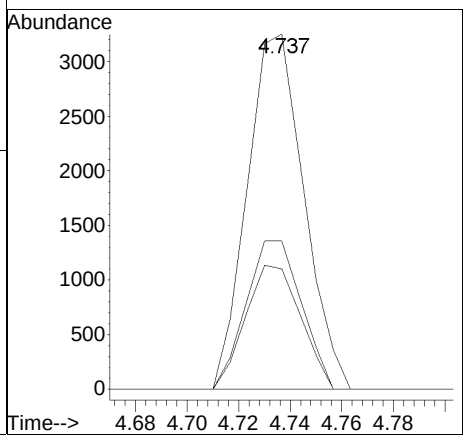


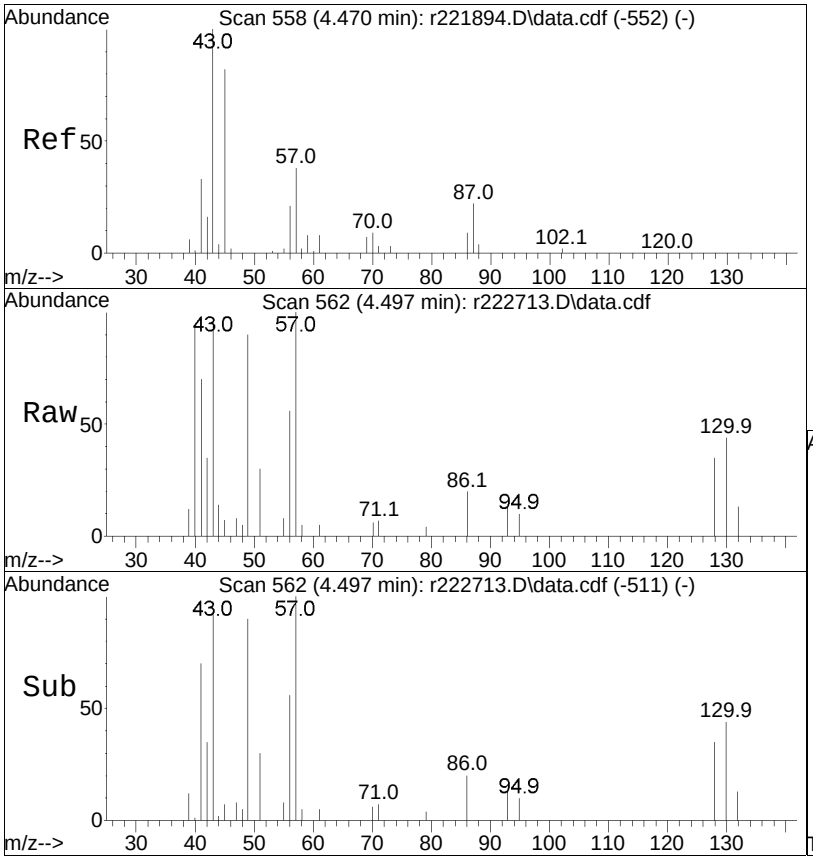


#40
Tetrahydrofuran
Concen: 0.24 ppbV
RT: 4.737 min Scan# 598
Delta R.T. 0.033 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 42 Resp: 4968

Ion	Ratio	Lower	Upper
42	100		
71	33.9	31.4	47.2
72	41.8	34.3	51.5

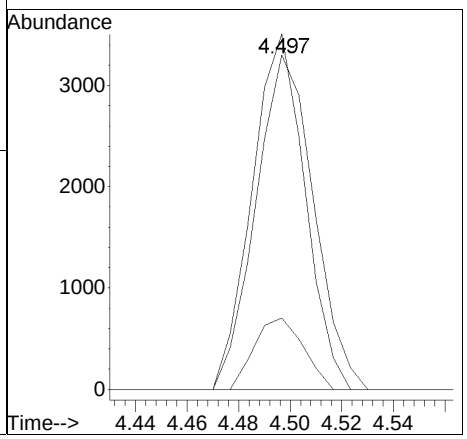


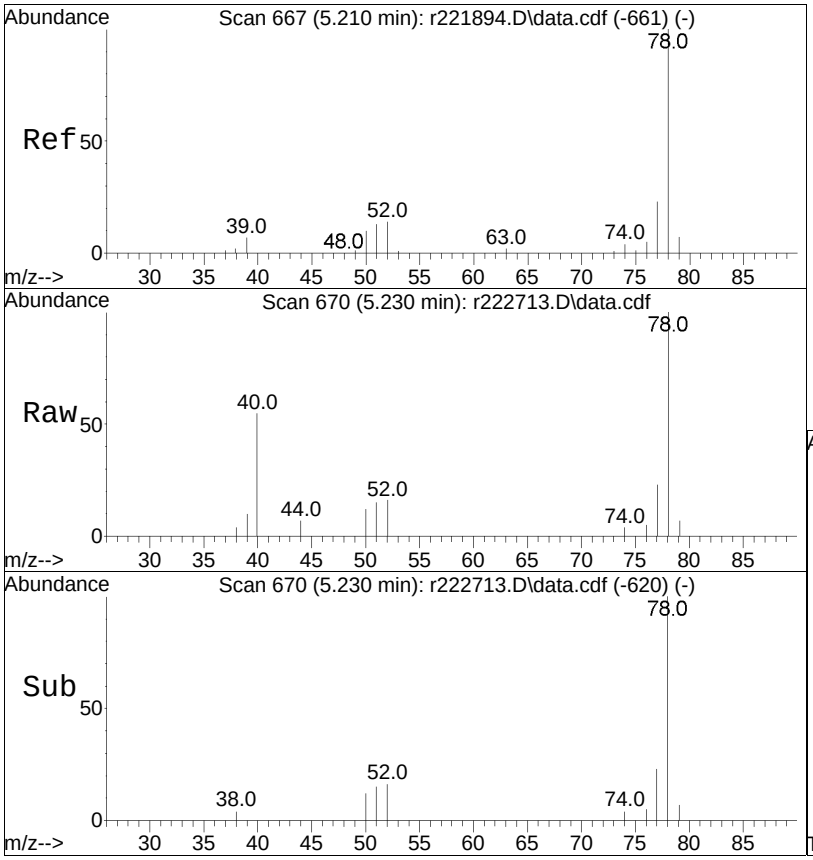


#44
hexane
Concen: 0.22 ppbV
RT: 4.497 min Scan# 562
Delta R.T. 0.027 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 57 Resp: 4998

Ion	Ratio	Lower	Upper
57	100		
43	94.1	210.8	316.2#
86	20.1	17.9	26.9

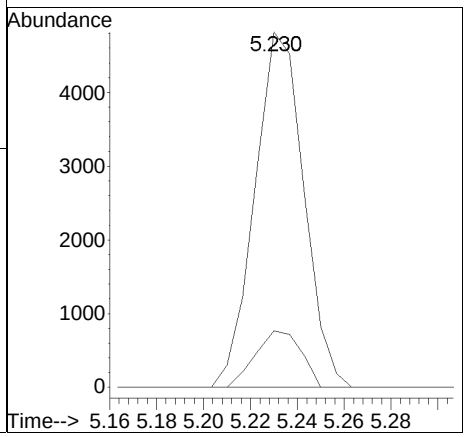


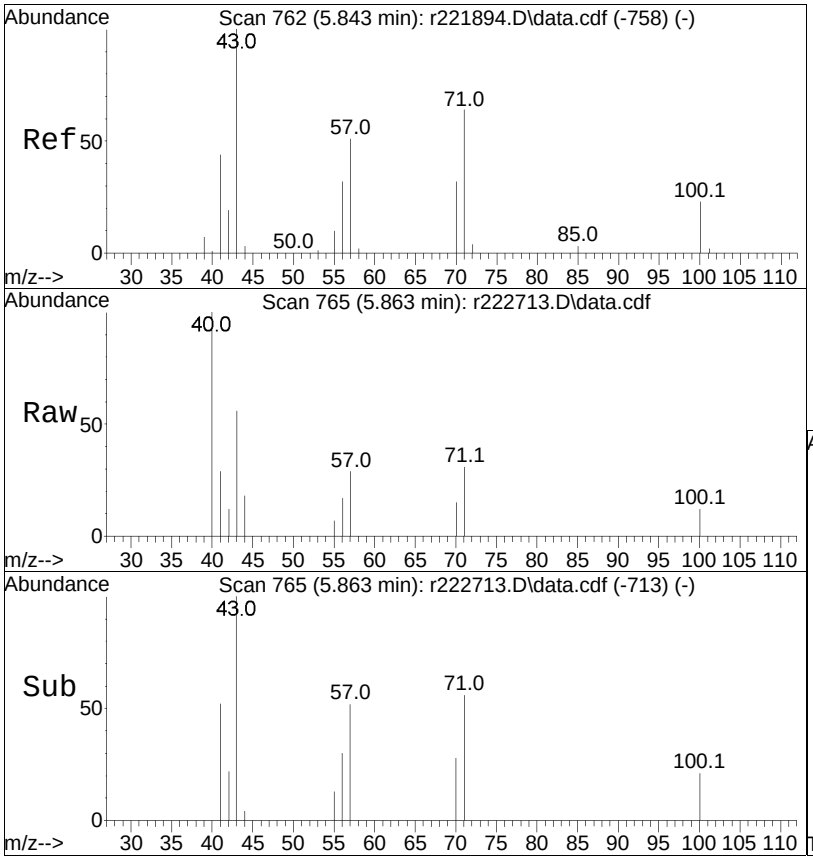


#50
benzene
Concen: 0.15 ppbV
RT: 5.230 min Scan# 670
Delta R.T. 0.020 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 78 Resp: 7011

Ion	Ratio	Lower	Upper
78	100		
52	15.9	11.3	16.9

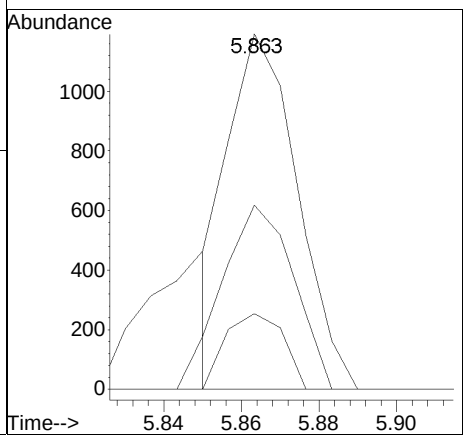


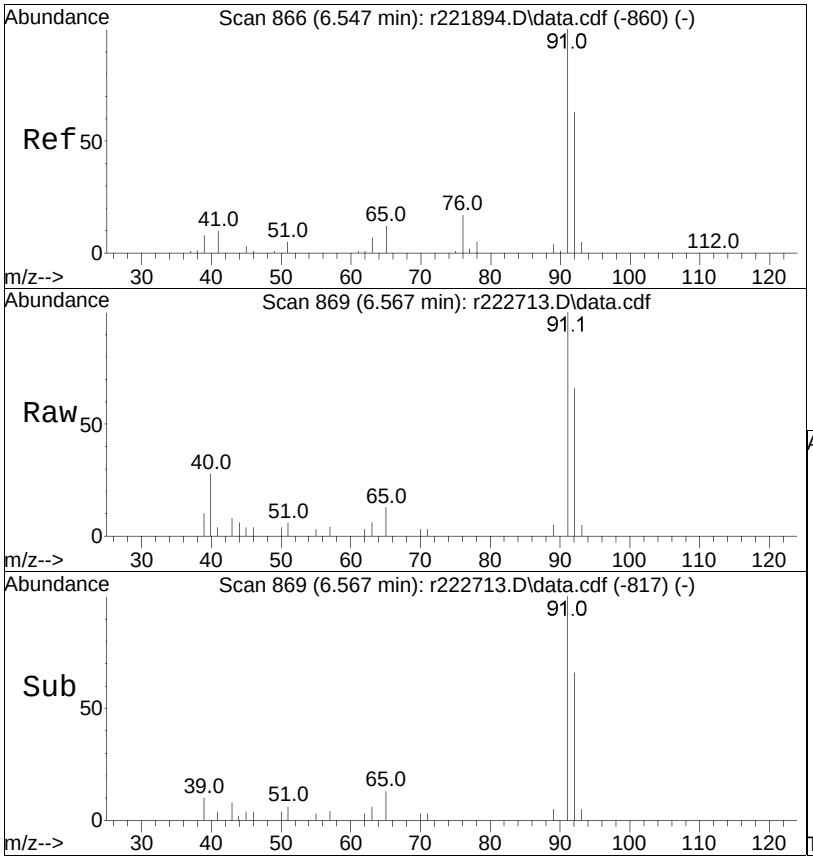


#62
heptane
Concen: 0.05 ppbV m
RT: 5.863 min Scan# 765
Delta R.T. 0.020 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 43 Resp: 1490

Ion	Ratio	Lower	Upper
43	100		
57	51.8	40.4	60.6
100	21.3	19.0	28.6

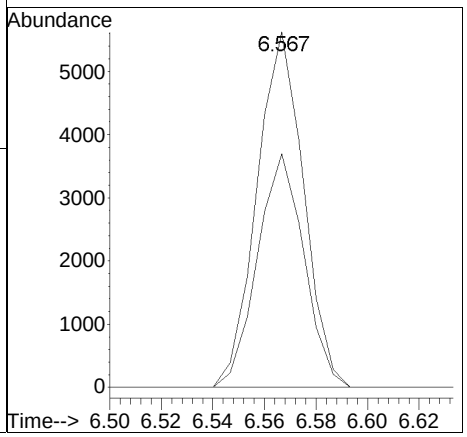




#68
toluene
Concen: 0.10 ppbV
RT: 6.567 min Scan# 869
Delta R.T. 0.020 min
Lab File: r222713.D
Acq: 28 Feb 2024 9:31 PM

Tgt Ion: 91 Resp: 7070

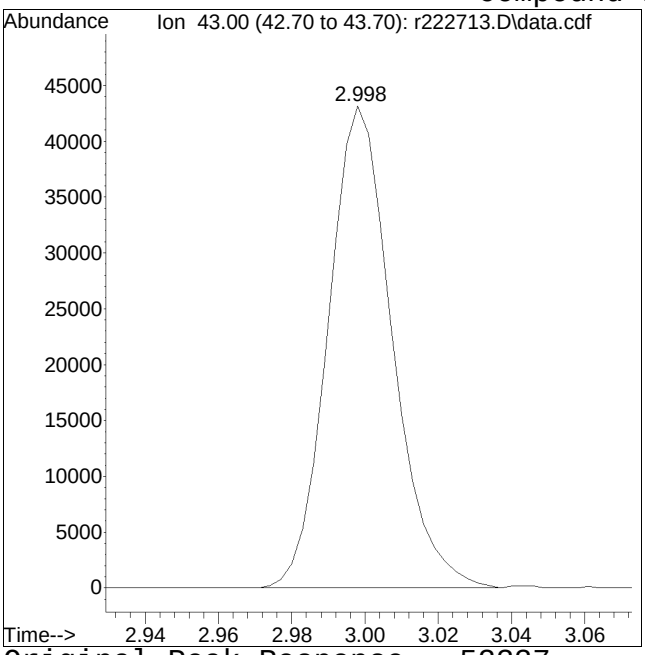
Ion	Ratio	Lower	Upper
91	100		
92	65.7	50.7	76.1



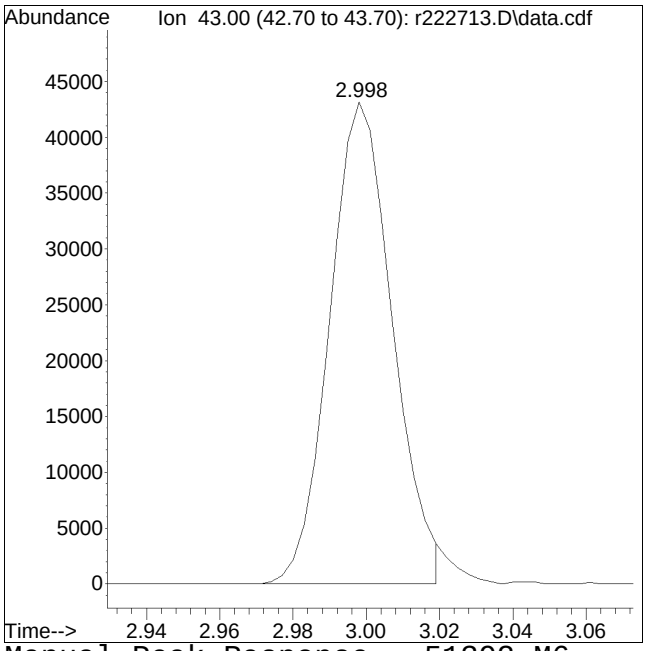
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222713.D Operator : AIRLAB22:JMB
Date Inj'd : 2/28/2020 0:9: 1 Instrument :
Sample : WG1890350-5,3,250,250 Quant Date : 2/29/2024 6:25 am

Compound #19: acetone



Original Peak Response = 52337



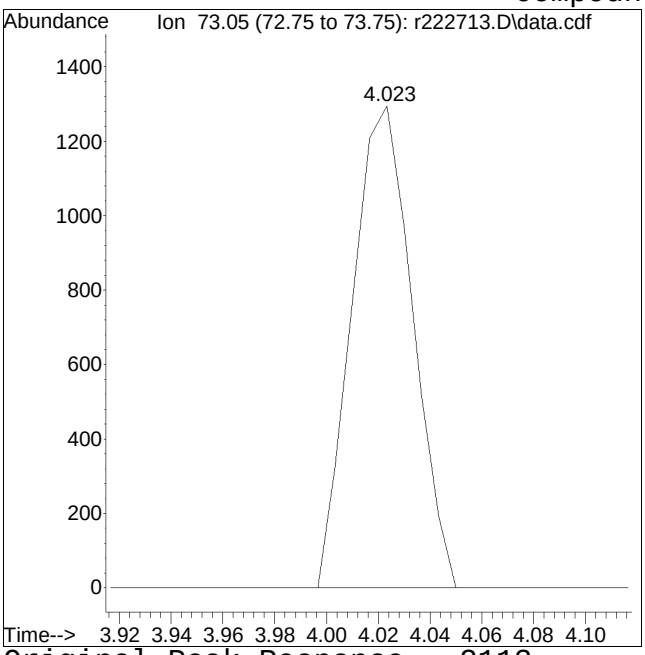
Manual Peak Response = 51392 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

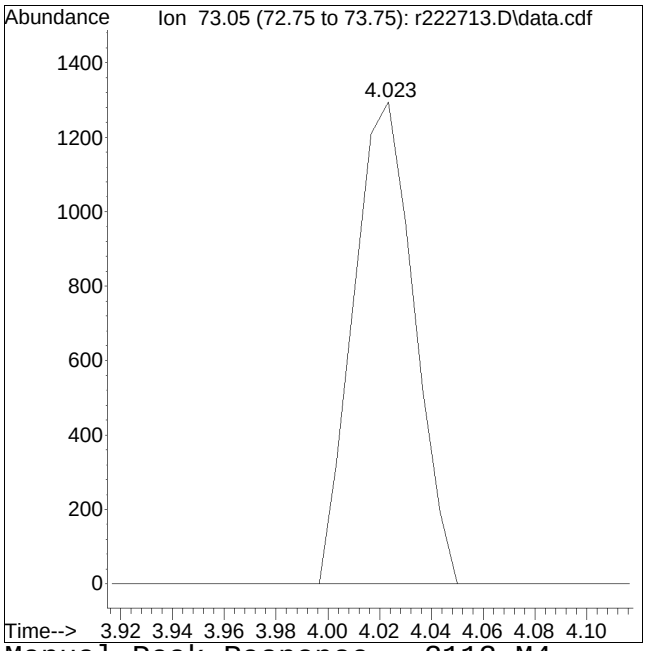
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222713.D Operator : AIRLAB22:JMB
Date Inj'd : 2/28/2020 0:9: 1 Instrument :
Sample : WG1890350-5,3,250,250 Quant Date : 2/29/2024 6:25 am

Compound #34: MTBE



Original Peak Response = 2113



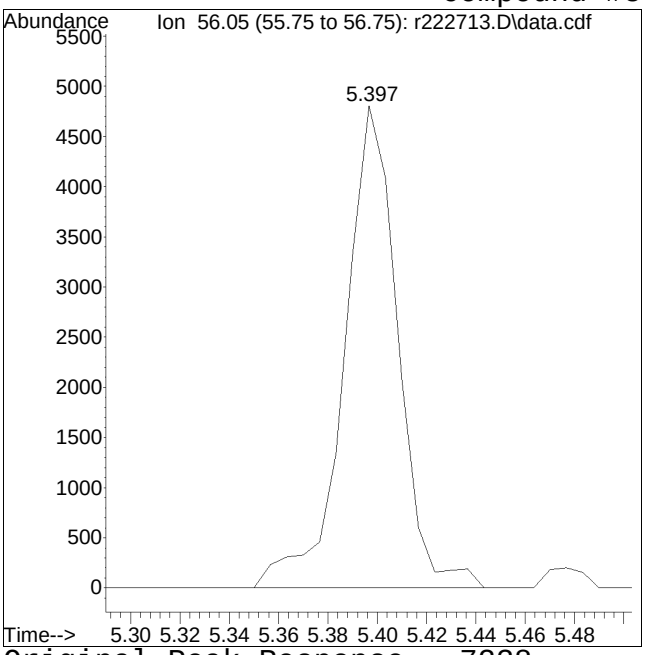
Manual Peak Response = 2113 M4

M4 = Poor automated baseline construction.

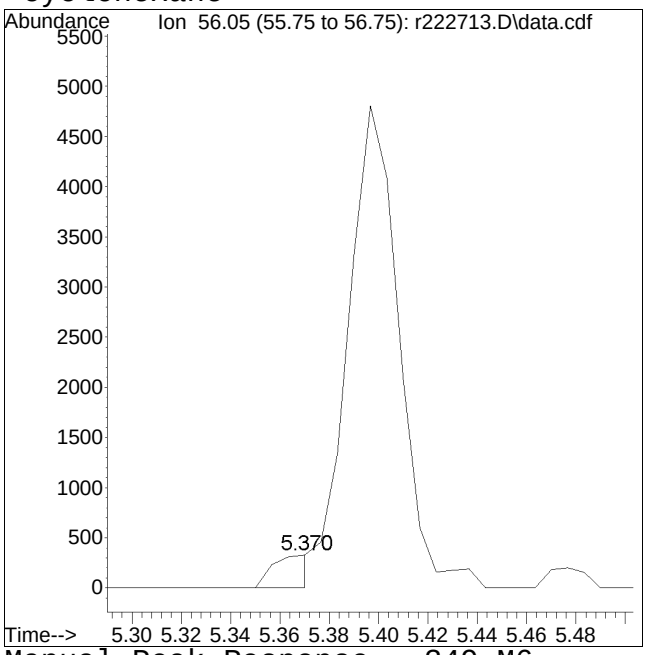
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222713.D Operator : AIRLAB22:JMB
Date Inj'd : 2/28/2020 0:9: 1 Instrument :
Sample : WG1890350-5,3,250,250 Quant Date : 2/29/2024 6:25 am

Compound #53: cyclohexane



Original Peak Response = 7238



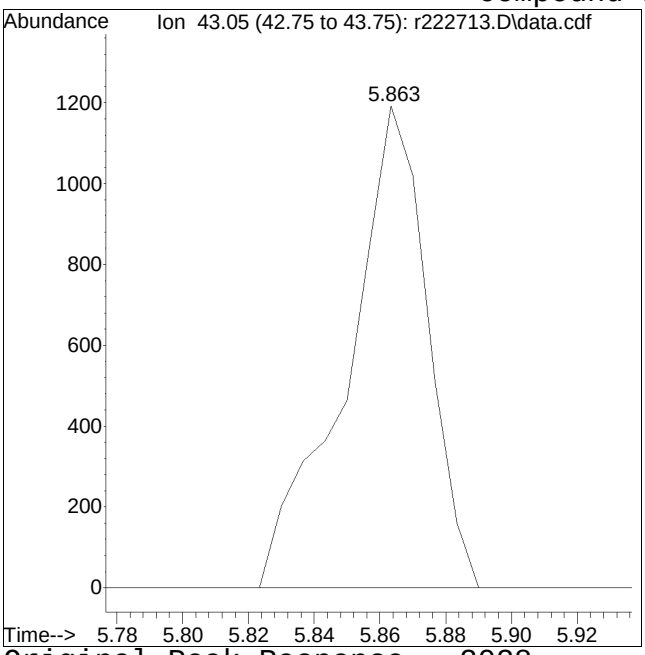
Manual Peak Response = 349 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

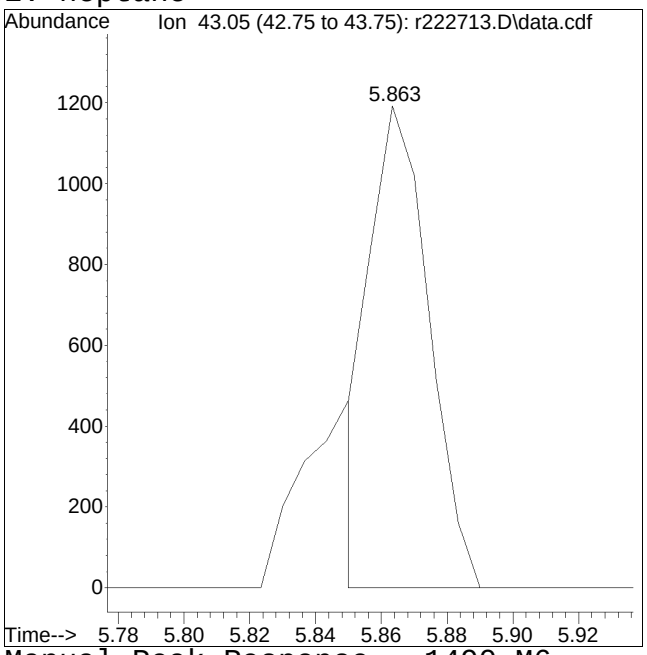
Manual Integration Report

Data Path : O:\Forensics\Data\Airlab22QMethod : TFS22_231129.M
Data File : r222713.D Operator : AIRLAB22:JMB
Date Inj'd : 2/28/2020 0:9: 1 Instrument :
Sample : WG1890350-5,3,250,250 Quant Date : 2/29/2024 6:25 am

Compound #62: heptane



Original Peak Response = 2028



Manual Peak Response = 1490 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

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)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Feb 29 2024, 11:57 am

Work Group: WG1890350 for Department: 3 GC/MS

Created: 28-FEB-24 Due: Operator: JMB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2407890-01	IA-01	S	TO15-LL	AIR	DONE	U	0313	0226	S0	Can-6
L2407890-02	SG-01	S	TO15-LL	SOIL_VAPOR	DONE	U	0313	0226	S0	Can-2.7
L2407890-03	SG-02	S	TO15-LL	SOIL_VAPOR	DONE	U	0313	0226	S0	Can-2.7
L2409115-01	NL-IV-TOTAL_20240220	S	TO15-LL	SOIL_VAPOR	DONE	U	0321	0227	S0	Tedlar-Poly1
L2409115-02	NL-SVE-1_20240220	S	TO15-LL	SOIL_VAPOR	DONE	U	0321	0227	S0	Tedlar-Poly1
L2409115-03	NL-IV-7_20240220	S	TO15-LL	SOIL_VAPOR	DONE	U	0321	0227	S0	Tedlar-Poly1
L2409115-04	NL-EV-POST_20240220	S	TO15-LL	SOIL_VAPOR	DONE	U	0321	0227	S0	Tedlar-Poly1
L2409115-05	NL-IV-DUP_20240220	S	TO15-LL	SOIL_VAPOR	DONE	U	0321	0227	S0	Tedlar-Poly1
L2410158-01	SS-1	S	TO15-LL	SOIL_VAPOR	DONE	U	0324	0304	3E	Can-6
L2410158-02	IA-1	S	TO15-LL	AIR	DONE	U	0324	0304	3E	Can-6
L2410158-03	SS-2	S	TO15-LL	SOIL_VAPOR	DONE	U	0324	0304	3E	Can-6
L2410158-04	IA-2	S	TO15-LL	AIR	DONE	U	0324	0304	3E	Can-6
L2410158-05	OA	S	TO15-LL	AIR	DONE	U	0324	0304	3E	Can-6
L2410509-01	VI-OA-1-CURIA	S	TO15-LL	AIR	DONE	U	0328	0229	3A	Can-2.7
L2410509-02	VI-IA-1-C_WING	S	TO15-LL	AIR	DONE	U	0328	0229	3A	Can-2.7
L2410509-03	VI-IA-2-CURIA	S	TO15-LL	AIR	DONE	U	0328	0229	3A	Can-2.7
L2410599-01	AA-01	S	TO15-LL	AIR	DONE	U	0328	0304	3D	Can-6
L2410599-02	IA-01	S	TO15-LL	AIR	DONE	U	0328	0304	3D	Can-6
WG1890350-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG1890350-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1890350-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG1890350-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1890350-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG1890350-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1890350-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG1890350-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1890350-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				
WG1890350-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

WG1890350-5 L2410509-03

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB22

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 11/29/2023

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: JMB

Sequence File Name: 220916.S

Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL	Comment (s)	Product/ sublist	Check Pass
1	TA22112201	TO15_SFS.qgm	R221886.qgd	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R221887.qgd	50 mL SS23-022D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R221888.qgd	125 mL SS23-022D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R221889.qgd	250 mL SS23-022D	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R221890.qgd	50 mL SS23-022C		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R221891.qgd	125 mL SS23-022C		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R221892.qgd	250 mL SS23-022C		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R221893.qgd	125 mL SS23-022B		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R221894.qgd	250 mL SS23-022B		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R221895.qgd	50 mL SS23-022A		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R221896.qgd	125 mLSS23-022A		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R221897.qgd	250 mL SS23-022A	LL ONLY	DEF	NA
1	BA22112201	TO15_SFS.qgm	R221898.qgd	250 mL	LL BLANK		NA
1	BA22112202	TO15_SFS.qgm	R221899.qgd	250 mL	SIM BLANK/ TUNE		NA
2	CTO15-LLSTD10.0	TO15_SFS.qgm	R221900.qgd	250 mL SS223-027H	LL ICV	DEF ICV AP2	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R221901.qgd	125 mL SS223-027H	SIM ICV	DEF ICV AP2	NA

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

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB22

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 02/28/2024

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 220916.S

AS Position	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL	Comment (s)	Product/ sublist	Leak Check
1	TA22022801	TO15_SFS.qgm	R222699.qgd	250 mL	TUNE		NA
2	CA22022801	TO15_SFS.qgm	R222700.qgd	250 mL SS223-027H	NJ CC FAILS		NA
3	CTO15-LLSTD10.0	TO15_SFS.qgm	R222701.qgd	250 mL SS223-027H	LL LCS	DCFM LOW	NA
3	CTO15-SIMSTD5.0	TO15_SFS.qgm	R222702.qgd	125 mL SS223-027H	SIM LCS		NA
1	BA22022801	TO15_SFS.qgm	R222703.qgd	250 mL	LL LCS		NA
1	BA22022802	TO15_SFS.qgm	R222704.qgd	250 mL	SIM LCS		NA
1	L2410158-05,3,250,250	TO15_SFS.qgm	R222705.qgd	WG1890350,ICAL20613		NY-7SIM	Y
2	L2410599-01,3,250,250	TO15_SFS.qgm	R222706.qgd	WG1890350,ICAL20613		NY-7SIM	Y
3	L2410509-01,3,250,250	TO15_SFS.qgm	R222707.qgd	WG1890350,ICAL20613		NY-7SIM	Y
4	L2408085-01,3,250,250	TO15_SFS.qgm	R222708.qgd	WG1890352,ICAL20614		STD+ NAPH BY SIM	Y
5	L2408085-02,3,250,250	TO15_SFS.qgm	R222709.qgd	WG1890352,ICAL20614		STD+ NAPH BY SIM	Y
6	L2410599-02,3,250,250	TO15_SFS.qgm	R222710.qgd	WG1890350,ICAL20613		NY-7SIM	Y
7	L2410509-02,3,250,250	TO15_SFS.qgm	R222711.qgd	WG1890350,ICAL20613		NY-7SIM	Y
8	L2410509-03,3,250,250	TO15_SFS.qgm	R222712.qgd	WG1890350,ICAL20613		NY-7SIM	Y
8	L2410509-03DUP,3,250,250	TO15_SFS.qgm	R222713.qgd	WG1890350,ICAL20613	LL/SIM DUP	NY-7SIM	Y
9	L2407890-01,3,250,250	TO15_SFS.qgm	R222714.qgd	WG1890350,ICAL20613		NY-7SIM	Y
10	L2410158-02D,3,189.39,250	TO15_SFS.qgm	R222715.qgd	WG1890350,ICAL20613	111092	NY-7SIM	Y
11	L2410158-04,3,250,250	TO15_SFS.qgm	R222716.qgd	WG1890350,ICAL20613		NY-7SIM	Y
12	L2410158-01,3,250,250	TO15_SFS.qgm	R222717.qgd	WG1890350,ICAL20613		NY	Y
13	L2410158-03,3,250,250	TO15_SFS.qgm	R222718.qgd	WG1890350,ICAL20613		NY	Y
14	L2407890-02,3,250,250	TO15_SFS.qgm	R222719.qgd	WG1890350,ICAL20613		NY	Y
15	L2407890-03,3,250,250	TO15_SFS.qgm	R222720.qgd	WG1890350,ICAL20613		NY	Y
16	L2409115-01D,3,122.48,250	TO15_SFS.qgm	R222721.qgd	WG1890350,ICAL20613	TRANSFER	NY	Y
1	L2409115-02D,3,126.71,250	TO15_SFS.qgm	R222722.qgd	WG1890350,ICAL20613	TRANSFER	NY	Y

Alpha Analytical Air Lab
Instrument Run Log

2	L2409115-03D,3,123.32,250	TO15_SFS.qgm	R222723.qgd	WG1890350,ICAL20613	TRANSFER	NY	Y
3	L2409115-04D,3,127.12,250	TO15_SFS.qgm	R222724.qgd	WG1890350,ICAL20613	TRANSFER	NY	Y
4	L2409115-05D,3,123.32,250	TO15_SFS.qgm	R222725.qgd	WG1890350,ICAL20613	TRANSFER	NY	Y

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

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
L2409115-01D	1.0	-0.14	1.00	1.00	30.88	2.03	2.03	14.6	29.8	2.04	N2	1000	14.7	1.00	1.00	250	1.00	2.04	122.48	SRO
L2409115-02D	1.0	0.27	1.01	1.01	29.65	1.99	1.99	14.8	29.2	1.97	N2	1000	14.7	1.00	1.00	250	1.00	1.97	126.71	SRO
L2409115-03D	1.0	0.06	1.00	1.00	30.88	2.03	2.03	14.7	29.8	2.03	N2	1000	14.7	1.00	1.00	250	1.00	2.03	123.32	SRO
L2409115-04D	1.0	0.67	1.02	1.02	30.27	2.01	2.01	15.0	29.5	1.97	N2	1000	14.7	1.00	1.00	250	1.00	1.97	127.12	SRO
L2409115-05D	1.0	0.06	1.00	1.00	30.88	2.03	2.03	14.7	29.8	2.03	N2	1000	14.7	1.00	1.00	250	1.00	2.03	123.32	SRO

Barcode	SAMPLE ID SCANS
#NAME?	I2409115-01x
#NAME?	I2409115-02x
#NAME?	I2409115-03x
#NAME?	I2409115-04x
#NAME?	I2409115-05x
#NAME?	
#NAME?	
#NAME?	
#NAME?	
#NAME?	
#NAME?	
#NAME?	
#NAME?	
#NAME?	
#NAME?	

*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

Form# 117-05
2/29/2024 10:33 AM

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
11/7/2023	11:17 AM	SSD/SVE System, Basement, 1st Floor, Roof	Semi-Annual inspection	NA	NA	NA; see Detailed System Monitoring Inspection Form	NA	NA
2/20/2024	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: Claire Bearden/Marcela Sanchez	**DATE:** February 20, 2024
TIME: 11:45 AM	**WEATHER:** 30°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? If no, describe:	☑ YES	☐ NO
Are all access manhole covers and sampling ports in good condition? If no, list location and corrective action:	☑ YES	☐ NO

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 2023-2024 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 November 2023, and during this inspection in February 2024. Next event scheduled August 2024.

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).

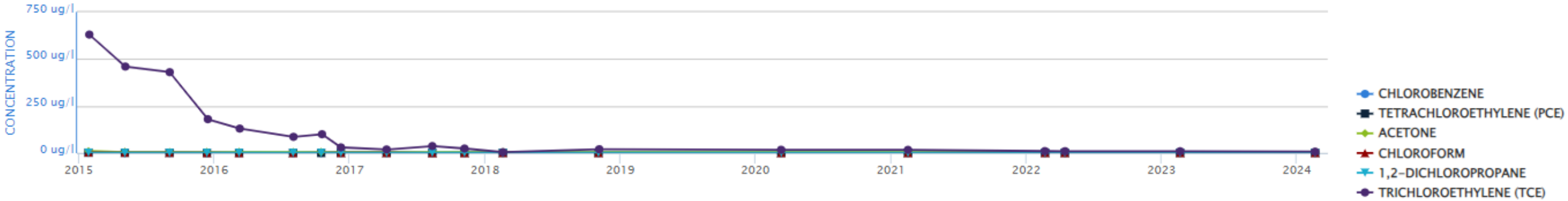
Notes:_____

No changes to Site conditions/operations occurred during the 2023-2024 reporting period.

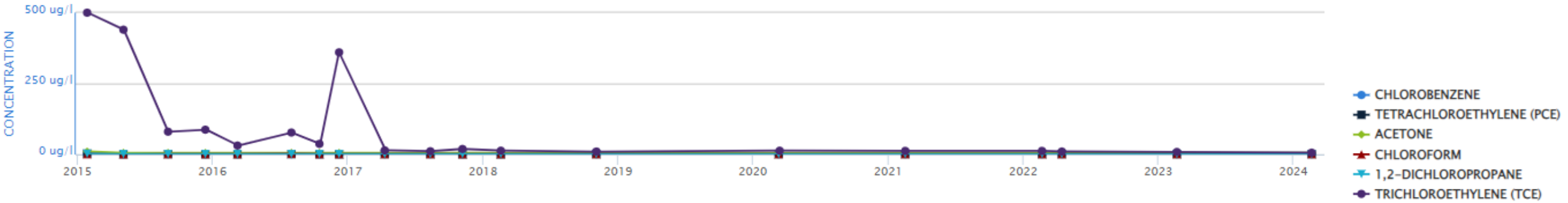
Semi-annual reporting completed in accordance with the Site Management Plan.

APPENDIX E
GROUNDWATER QUALITY TRENDS

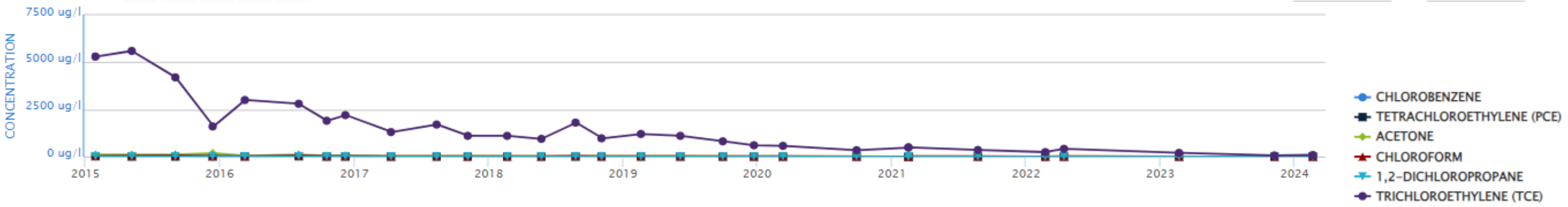
NL-MW-1E


750 ug/l
500 ug/l
250 ug/l
0 ug/l
CONCENTRATION
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
CHLOROBENZENE
TETRACHLOROETHYLENE (PCE)
ACETONE
CHLOROFORM
1,2-DICHLOROPROPANE
TRICHLOROETHYLENE (TCE)

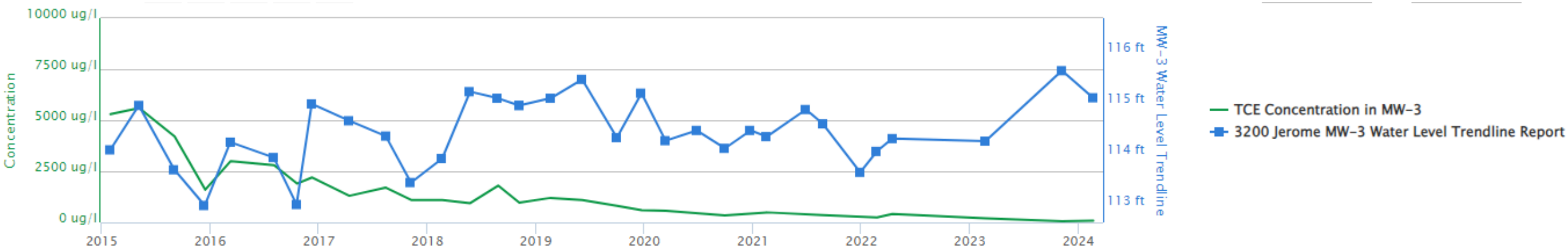
NL-MW-2E


500 ug/l
250 ug/l
0 ug/l
CONCENTRATION
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
CHLOROBENZENE
TETRACHLOROETHYLENE (PCE)
ACETONE
CHLOROFORM
1,2-DICHLOROPROPANE
TRICHLOROETHYLENE (TCE)

NL-MW-3


7500 ug/l
5000 ug/l
2500 ug/l
0 ug/l
CONCENTRATION
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
CHLOROBENZENE
TETRACHLOROETHYLENE (PCE)
ACETONE
CHLOROFORM
1,2-DICHLOROPROPANE
TRICHLOROETHYLENE (TCE)

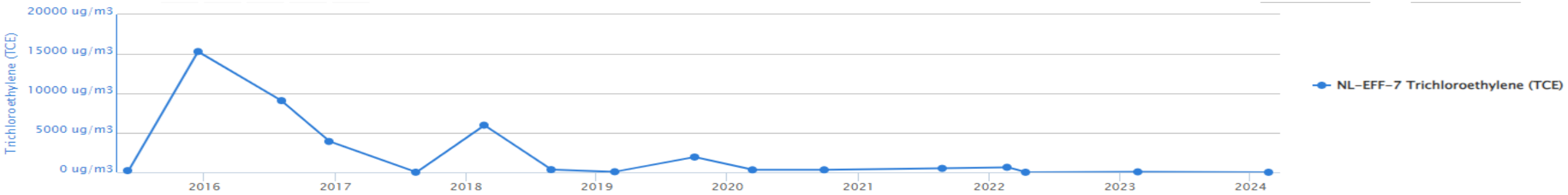
NL-MW-3 and GW Elevation Trend



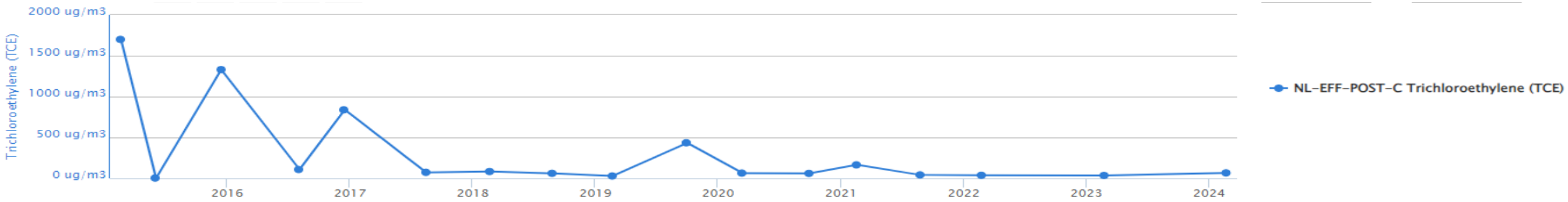
APPENDIX F

SSD/SVE SYSTEM VAPOR TRENDS

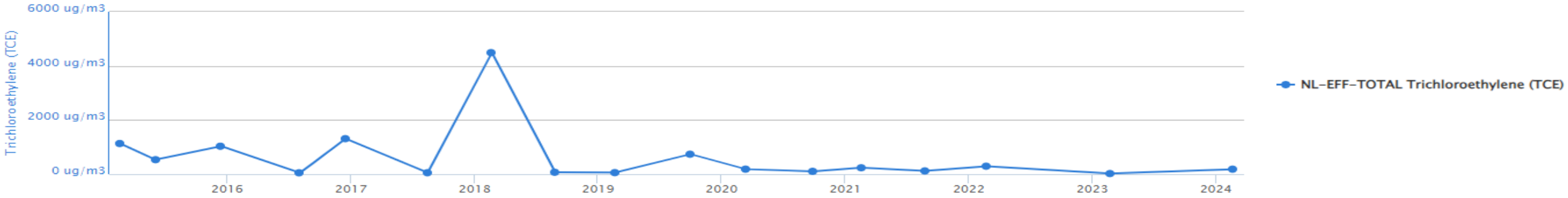
NL-IV-7


20000 ug/m3
15000 ug/m3
10000 ug/m3
5000 ug/m3
0 ug/m3
Trichloroethylene (TCE)
2016
2017
2018
2019
2020
2021
2022
2023
2024
NL-EFF-7 Trichloroethylene (TCE)

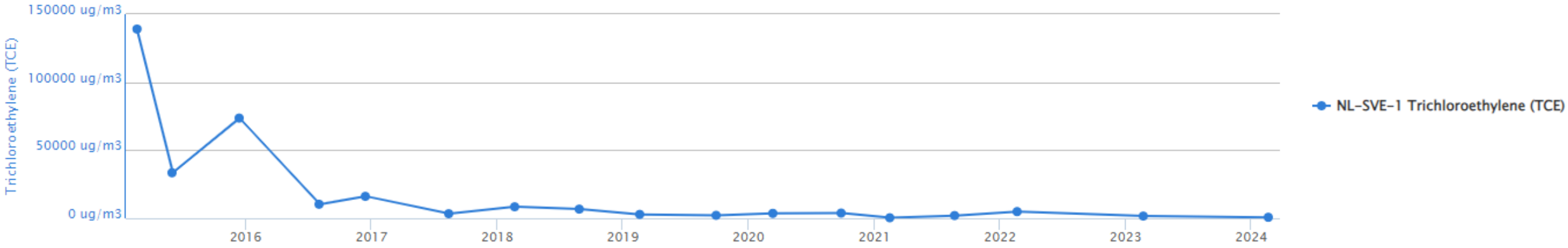
NL-EV-POST


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
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
NL-EFF-TOTAL Trichloroethylene (TCE)

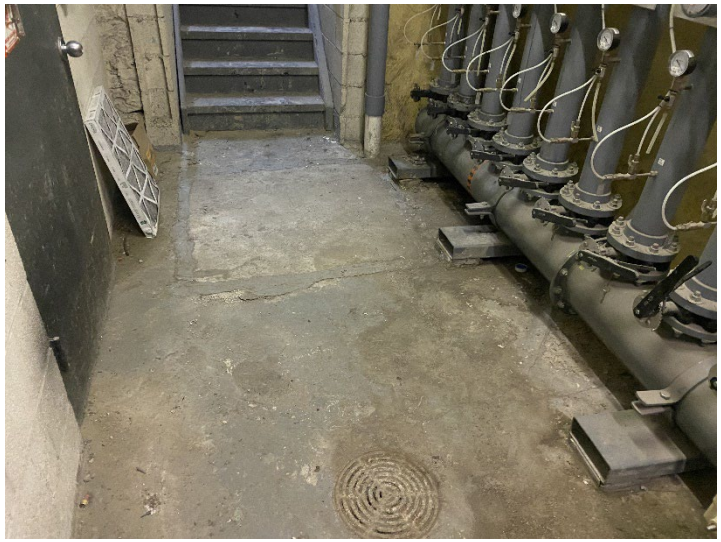
NL-SVE-1


150000 ug/m3
100000 ug/m3
50000 ug/m3
0 ug/m3
Trichloroethylene (TCE)
2016
2017
2018
2019
2020
2021
2022
2023
2024
NL-SVE-1 Trichloroethylene (TCE)

APPENDIX G
PHOTOGRAPHIC LOG



Photograph 1: Multi-purpose room located on the first floor with vapor monitoring point and monitoring well cleanouts, view facing southwest.



Photograph 2: Partial cellar floor slab with SSD/SVES manifold.



Photograph 3: First floor hallway of the 3200 Jerome Avenue building, view facing west.



Photograph 4: MP-2 cleanout located in first floor classroom, view facing south.

APPENDIX H

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, 2023 to March 23, 2024

	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 at 200 Madison Avenue, 24th Fl, New York, NY 10016,
print name 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

04/18/24
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)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		4/19/2024